

Day Ahead Market Generator LBMP

		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion									
Generator Data		07/07/2024																													
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	EDT	32.18	28.98	27.16	26.60	26.21	25.48	25.12	24.38	26.18	28.09	30.85	35.32	36.59	38.67	41.55	45.10	52.73	57.46	61.79	55.47	50.36	42.23	37.23	34.09						
		2.98	2.63	2.31	2.15	2.12	1.97	1.73	1.72	2.36	2.69	2.98	3.51	3.57	3.89	4.12	4.36	5.27	5.41	5.67	4.72	4.20	3.67	3.17	2.96						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.22	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
74TH STREET_GT_1 24260	EDT	32.32	29.00	27.18	26.62	26.23	25.55	25.17	24.36	26.15	28.11	30.99	35.46	36.68	38.70	41.37	44.89	52.40	57.25	61.46	55.21	50.27	41.96	37.27	34.30						
		3.12	2.66	2.34	2.18	2.14	2.04	1.78	1.70	2.33	2.72	3.12	3.58	3.67	3.93	3.93	4.16	4.94	5.20	5.33	4.47	4.11	3.39	3.20	3.18						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.30	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
74TH STREET_GT_2 24261	EDT	32.32	29.00	27.18	26.62	26.23	25.55	25.17	24.36	26.15	28.11	30.99	35.46	36.68	38.70	41.37	44.89	52.40	57.25	61.46	55.21	50.27	41.96	37.27	34.30						
		3.12	2.66	2.34	2.18	2.14	2.04	1.78	1.70	2.33	2.72	3.12	3.58	3.67	3.93	3.93	4.16	4.94	5.20	5.33	4.47	4.11	3.39	3.20	3.18						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.30	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ADK HUDSON___FALLS 24011	EDT	31.22	28.24	26.53	26.06	25.63	25.06	24.68	23.81	25.30	27.02	29.51	32.38	35.03	36.78	39.68	43.30	50.46	55.53	60.50	54.81	49.99	41.61	36.55	33.28						
		2.01	1.90	1.69	1.61	1.54	1.55	1.29	1.16	1.48	1.63	1.64	1.80	2.01	2.02	2.25	2.57	2.99	3.49	4.38	4.06	3.83	3.05	2.49	2.15						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ADK RESOURCE___RCVRY 23798	EDT	31.39	28.40	26.63	26.16	25.73	25.15	24.75	23.90	25.44	27.17	29.68	32.56	35.26	36.99	39.91	43.55	50.84	55.90	61.01	55.26	50.41	41.99	36.79	33.43						
		2.19	2.06	1.79	1.71	1.64	1.64	1.36	1.25	1.62	1.78	1.81	1.99	2.25	2.23	2.47	2.81	3.37	3.85	4.88	4.51	4.24	3.43	2.73	2.30						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ADK S GLENS___FALLS 24028	EDT	31.22	28.24	26.53	26.06	25.63	25.06	24.68	23.81	25.30	27.02	29.51	32.38	35.03	36.78	39.68	43.30	50.46	55.53	60.50	54.81	49.99	41.61	36.55	33.28						
		2.01	1.90	1.69	1.61	1.54	1.55	1.29	1.16	1.48	1.63	1.64	1.80	2.01	2.02	2.25	2.57	2.99	3.49	4.38	4.06	3.83	3.05	2.49	2.15						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ADK_NYS___DAM 23527	EDT	31.04	28.08	26.51	26.04	25.63	24.94	24.51	23.72	25.27	26.89	29.40	32.26	34.77	36.57	39.46	43.26	50.27	55.17	59.55	53.69	48.74	40.88	35.97	32.81						
		1.84	1.74	1.66	1.59	1.54	1.43	1.12	1.07	1.45	1.50	1.53	1.68	1.75	1.81	2.02	2.53	2.80	3.12	3.42	2.94	2.58	2.31	1.91	1.68						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
AIR_PRODUCTS___DRP 24190	EDT	29.96	27.08	25.76	25.38	25.00	24.42	24.25	23.38	24.80	26.08	28.51	31.28	33.74	35.53	38.30	41.80	48.65	53.40	57.53	51.91	47.22	39.41	34.78	31.88						
		0.76	0.74	0.92	0.93	0.92	0.92	0.87	0.73	0.98	0.69	0.64	0.70	0.73	0.76	0.86	1.06	1.19	1.35	1.40	1.17	1.06	0.85	0.72	0.75						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
AKWESSNE_115KV_BK 355683	EDT	28.27	25.53	24.05	23.67	23.37	22.80	22.94	22.39	23.29	24.74	27.14	29.69	32.03	33.69	36.28	39.56	46.18	50.75	54.72	49.63	45.19	37.52	33.11	30.26						
		-0.93	-0.82	-0.80	-0.78	-0.72	-0.71	-0.44	-0.27	-0.52	-0.66	-0.72	-0.89	-0.99	-1.08	-1.16	-1.18	-1.28	-1.30	-1.40	-1.12	-0.97	-1.04	-0.95	-0.87						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EDT	30.63	27.71	26.24	25.86	25.46	24.84	24.42	23.50	24.82	26.28	28.70	31.47	34.01	35.60	38.41	42.00	49.08	54.02	58.43	52.83	48.05	40.14	35.39	32.50						
		1.43	1.37	1.39	1.42	1.37	1.34	1.03	0.84	1.00	0.89	0.84	0.89	0.99	0.83	0.97	1.26	1.61	1.98	2.30	2.08	1.89	1.58	1.33	1.37						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ALBANY_2_SOLAR 323834	EDT	30.60	27.69	26.24	25.84	25.44	24.82	24.42	23.50	24.82	26.26	28.70	31.47	33.98	35.57	38.41	41.96	49.08	53.97	58.37	52.83	48.05	40.14	35.36	32.50						
		1.40	1.34	1.39	1.39	1.35	1.32	1.03	0.84	1.00	0.86	0.84	0.89	0.96	0.80	0.97	1.22	1.61	1.93	2.25	2.08	1.89	1.58	1.29	1.37						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ALBANY___1 23571	EDT	29.96	27.08	25.76	25.38	25.00	24.42	24.25	23.38	24.80	26.08	28.51	31.28	33.74	35.53	38.30	41.80	48.65	53.40	57.53	51.91	47.22	39.41	34.78	31.88						
		0.76	0.74	0.92	0.93	0.92	0.92	0.87	0.73	0.98	0.69	0.64	0.70	0.73	0.76	0.86	1.06	1.19	1.35	1.40	1.17	1.06	0.85	0.72	0.75						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						

ALBANY___2 23572	29.96 0.76 0.00	27.08 0.74 0.00	25.76 0.92 0.00	25.38 0.93 0.00	25.00 0.92 0.00	24.42 0.92 0.00	24.25 0.87 0.00	23.38 0.73 0.00	24.80 0.98 0.00	26.08 0.69 0.00	28.51 0.64 0.00	31.28 0.70 0.00	33.74 0.73 0.00	35.53 0.76 0.00	38.30 0.86 0.00	41.80 1.06 0.00	48.65 1.19 0.00	53.40 1.35 0.00	57.53 1.40 0.00	51.91 1.17 0.00	47.22 1.06 0.00	39.41 0.85 0.00	34.78 0.72 0.00	31.88 0.75 0.00
ALBANY___3 23573	29.96 0.76 0.00	27.08 0.74 0.00	25.76 0.92 0.00	25.38 0.93 0.00	25.00 0.92 0.00	24.42 0.92 0.00	24.25 0.87 0.00	23.38 0.73 0.00	24.80 0.98 0.00	26.08 0.69 0.00	28.51 0.64 0.00	31.28 0.70 0.00	33.74 0.73 0.00	35.53 0.76 0.00	38.30 0.86 0.00	41.80 1.06 0.00	48.65 1.19 0.00	53.40 1.35 0.00	57.53 1.40 0.00	51.91 1.17 0.00	47.22 1.06 0.00	39.41 0.85 0.00	34.78 0.72 0.00	31.88 0.75 0.00
ALBANY___4 23574	29.96 0.76 0.00	27.08 0.74 0.00	25.76 0.92 0.00	25.38 0.93 0.00	25.00 0.92 0.00	24.42 0.92 0.00	24.25 0.87 0.00	23.38 0.73 0.00	24.80 0.98 0.00	26.08 0.69 0.00	28.51 0.64 0.00	31.28 0.70 0.00	33.74 0.73 0.00	35.53 0.76 0.00	38.30 0.86 0.00	41.80 1.06 0.00	48.65 1.19 0.00	53.40 1.35 0.00	57.53 1.40 0.00	51.91 1.17 0.00	47.22 1.06 0.00	39.41 0.85 0.00	34.78 0.72 0.00	31.88 0.75 0.00
ALBANY___LFGE 323615	30.28 1.08 0.00	27.40 1.05 0.00	25.99 1.14 0.00	25.62 1.17 0.00	25.22 1.13 0.00	24.59 1.08 0.00	24.21 0.82 0.00	23.38 0.72 0.00	24.82 1.00 0.00	26.34 0.94 0.00	28.84 0.97 0.00	31.65 1.07 0.00	34.17 1.16 0.00	35.88 1.11 0.00	38.67 1.23 0.00	42.20 1.46 0.00	49.17 1.71 0.00	53.92 1.87 0.00	58.14 2.02 0.00	52.47 1.73 0.00	47.68 1.52 0.00	39.87 1.31 0.00	35.12 1.06 0.00	32.15 1.03 0.00
ALCOA_PA_115KV_PL-6C 55860	28.15 -1.05 0.00	25.45 -0.90 0.00	23.95 -0.89 0.00	23.57 -0.88 0.00	23.27 -0.82 0.00	22.71 -0.80 0.00	22.85 -0.54 0.00	22.32 -0.34 0.00	23.20 -0.62 0.00	24.66 -0.74 0.00	27.03 -0.84 0.00	29.57 -1.01 0.00	31.93 -1.09 0.00	33.55 -1.22 0.00	36.16 -1.27 0.00	39.39 -1.34 0.00	46.04 -1.42 0.00	50.64 -1.41 0.00	54.61 -1.52 0.00	49.58 -1.17 0.00	45.19 -0.97 0.00	37.48 -1.08 0.00	33.04 -1.02 0.00	30.19 -0.93 0.00
ALCOA_RYNLDS___DRP 24188	28.15 -1.05 0.00	25.45 -0.90 0.00	23.95 -0.89 0.00	23.57 -0.88 0.00	23.27 -0.82 0.00	22.71 -0.80 0.00	22.85 -0.54 0.00	22.32 -0.34 0.00	23.20 -0.62 0.00	24.66 -0.74 0.00	27.03 -0.84 0.00	29.57 -1.01 0.00	31.93 -1.09 0.00	33.55 -1.22 0.00	36.16 -1.27 0.00	39.39 -1.34 0.00	46.04 -1.42 0.00	50.64 -1.41 0.00	54.61 -1.52 0.00	49.58 -1.17 0.00	45.19 -0.97 0.00	37.48 -1.08 0.00	33.04 -1.02 0.00	30.19 -0.93 0.00
ALCOA___DSASP 323711	28.12 -1.08 0.00	25.45 -0.90 0.00	23.95 -0.89 0.00	23.57 -0.88 0.00	23.27 -0.82 0.00	22.73 -0.78 0.00	22.90 -0.49 0.00	22.32 -0.34 0.00	23.20 -0.62 0.00	24.63 -0.76 0.00	27.03 -0.84 0.00	29.57 -1.01 0.00	31.93 -1.09 0.00	33.55 -1.22 0.00	36.16 -1.27 0.00	39.39 -1.34 0.00	46.04 -1.42 0.00	50.64 -1.40 0.00	54.61 -1.51 0.00	49.58 -1.17 0.00	45.19 -0.97 0.00	37.48 -1.08 0.00	33.04 -1.02 0.00	30.16 -0.97 0.00
ALLEGHENY___COGEN 23514	30.40 1.20 0.00	27.24 0.90 0.00	25.66 0.82 0.00	25.06 0.61 0.00	24.67 0.58 0.00	24.05 0.54 0.00	23.72 0.33 0.00	22.61 -0.05 0.00	23.41 -0.41 0.00	24.94 -0.46 0.00	27.17 -0.70 0.00	29.78 -0.80 0.00	32.46 -0.56 0.00	34.31 -0.45 0.00	35.83 -1.61 0.00	38.86 -1.87 0.00	45.43 -2.04 0.00	50.22 -1.82 0.00	55.34 -0.79 0.00	51.36 0.61 0.00	47.08 0.92 0.00	39.14 0.58 0.00	36.00 1.94 0.00	32.96 1.84 0.00
ALTAMONT_115KV_TB 2 55880	30.28 1.08 0.00	27.35 1.00 0.00	25.84 0.99 0.00	25.45 1.00 0.00	25.08 0.99 0.00	24.47 0.96 0.00	24.18 0.80 0.00	23.31 0.66 0.00	24.70 0.88 0.00	26.26 0.86 0.00	28.79 0.92 0.00	31.62 1.04 0.00	34.11 1.09 0.00	35.91 1.15 0.00	38.67 1.24 0.00	42.16 1.43 0.00	49.08 1.61 0.00	53.87 1.82 0.00	58.09 1.96 0.00	52.47 1.73 0.00	47.73 1.57 0.00	39.84 1.27 0.00	35.19 1.12 0.00	32.22 1.09 0.00
ALTONA_WT_PWR 323606	28.26 -0.94 0.00	25.58 -0.76 0.00	24.03 -0.82 0.00	23.64 -0.81 0.00	23.41 -0.67 0.00	22.89 -0.61 0.00	23.11 -0.28 0.00	22.57 -0.09 0.00	23.53 -0.28 0.00	24.99 -0.41 0.00	27.42 -0.45 0.00	30.00 -0.58 0.00	32.36 -0.66 0.00	33.97 -0.80 0.00	36.61 -0.82 0.00	39.92 -0.81 0.00	46.76 -0.71 0.00	51.48 -0.57 0.00	55.56 -0.56 0.00	50.54 -0.20 0.00	46.07 -0.09 0.00	38.10 -0.46 0.00	33.52 -0.55 0.00	30.54 -0.59 0.00
AMERICAN_REF_FUEL 24010	28.15 -1.05 0.00	25.16 -1.18 0.00	23.80 -1.04 0.00	23.23 -1.22 0.00	22.83 -1.25 0.00	22.47 -1.03 0.00	22.15 -1.24 0.00	21.19 -1.47 0.00	22.34 -1.48 0.00	24.10 -1.29 0.00	26.48 -1.39 0.00	28.96 -1.62 0.00	31.70 -1.32 0.00	33.44 -1.32 0.00	35.94 -1.50 0.00	38.70 -2.04 0.00	44.90 -2.56 0.00	48.56 -3.49 0.00	52.20 -3.93 0.00	47.91 -2.84 0.00	43.58 -2.58 0.00	36.09 -2.47 0.00	32.70 -1.36 0.00	30.16 -0.97 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	29.41 0.21 0.00	26.34 0.00 0.00	25.02 0.18 0.00	24.40 -0.05 0.00	24.02 -0.07 0.00	23.48 -0.02 0.00	23.23 -0.16 0.00	22.45 -0.20 0.00	23.70 -0.12 0.00	25.62 0.23 0.00	28.23 0.36 0.00	30.95 0.37 0.00	33.84 0.83 0.00	35.74 0.97 0.00	38.41 0.97 0.00	41.35 0.61 0.00	47.89 0.43 0.00	51.79 -0.26 0.00	55.85 -0.28 0.00	51.05 0.31 0.00	46.44 0.28 0.00	38.52 -0.04 0.00	34.74 0.68 0.00	31.91 0.78 0.00
ARTHUR KILL_GT_1 23520	36.22 3.01 -4.02	29.05 2.69 -0.02	27.24 2.39 -0.01	26.66 2.20 -0.01	26.29 2.19 -0.01	25.51 2.00 -0.01	25.00 1.61 0.00	24.15 1.50 0.00	25.93 2.12 0.01	27.91 2.51 0.00	36.47 2.95 -5.65	37.34 3.48 -3.28	36.57 3.53 -0.02	38.66 3.89 0.00	41.14 3.71 0.01	41.26 3.95 3.43	42.40 5.08 10.15	42.44 5.15 14.76	44.03 5.33 17.43	42.38 4.41 12.78	41.92 4.01 8.25	40.67 3.39 1.28	37.36 3.30 0.01	34.21 3.02 -0.06
ARTHUR_KILL_2 23512	36.08 2.86 -4.02	28.97 2.61 -0.02	27.14 2.28 -0.01	26.58 2.13 -0.01	26.19 2.09 -0.01	25.44 1.93 -0.01	24.91 1.52 0.00	24.06 1.41 0.00	25.83 2.02 0.01	27.81 2.41 0.00	36.36 2.84 -5.65	37.19 3.33 -3.28	36.41 3.37 -0.02	38.49 3.72 0.00	40.95 3.52 0.01	41.10 3.79 3.43	42.16 4.84 10.15	42.18 4.89 14.76	43.74 5.05 17.43	42.13 4.16 12.78	41.69 3.79 8.25	40.52 3.24 1.28	37.19 3.13 0.01	34.05 2.86 -0.06
ARTHUR_KILL_3 23513	35.98 2.78 -4.01	28.72 2.37 -0.01	26.88 2.04 0.00	26.33 1.88 0.00	25.94 1.85 0.00	25.25 1.74 0.00	24.89 1.50 0.00	24.15 1.50 0.00	25.94 2.12 0.00	27.84 2.44 0.00	36.28 2.76 -5.66	37.10 3.24 -3.29	36.32 3.27 -0.03	38.35 3.58 -0.01	41.07 3.63 0.00	41.11 3.79 3.42	41.98 4.65 10.14	41.98 4.69 14.75	43.58 4.88 17.43	41.98 4.01 12.77	41.47 3.55 8.25	40.49 3.20 1.28	36.96 2.89 0.00	33.92 2.74 -0.05

ARTHUR_KILL_COGEN 323718	36.22 3.01 -4.02	29.05 2.69 -0.02	27.24 2.39 -0.01	26.66 2.20 -0.01	26.29 2.19 -0.01	25.51 2.00 -0.01	25.00 1.61 0.00	24.15 1.50 0.00	25.93 2.12 0.01	27.91 2.51 0.00	36.47 2.95 -5.65	37.34 3.48 -3.28	36.57 3.53 -0.02	38.66 3.89 0.00	41.14 3.71 0.01	41.26 3.95 3.43	42.40 5.08 10.15	42.44 5.15 14.76	44.03 5.33 17.43	42.38 4.41 12.78	41.92 4.01 8.25	40.67 3.39 1.28	37.36 3.30 0.01	34.21 3.02 -0.06
ASHOKAN____ 23654	31.51 2.31 0.00	28.45 2.11 0.00	26.88 2.04 0.00	26.43 1.98 0.00	25.99 1.90 0.00	25.36 1.86 0.00	24.89 1.50 0.00	23.93 1.27 0.00	25.18 1.36 0.00	26.77 1.37 0.00	29.37 1.50 0.00	32.26 1.68 0.00	35.13 2.12 0.00	36.85 2.09 0.00	39.83 2.40 0.00	43.59 2.85 0.00	51.31 3.84 0.00	56.47 4.42 0.00	61.18 5.05 0.00	55.26 4.51 0.00	50.08 3.92 0.00	41.76 3.20 0.00	36.69 2.62 0.00	33.43 2.30 0.00
ASTORIA_EAST_ENERGY_CC1 323581	32.13 2.92 -0.01	29.04 2.69 -0.01	27.21 2.36 -0.01	26.66 2.20 -0.01	26.27 2.17 -0.01	25.50 2.00 0.00	25.03 1.64 0.00	24.29 1.63 0.00	25.96 2.14 0.00	27.96 2.56 0.00	30.83 2.95 -0.01	35.25 3.39 -1.27	36.55 3.53 0.00	38.46 3.68 -0.01	41.02 3.59 0.01	44.53 3.79 0.00	52.40 4.94 0.00	57.04 5.00 0.00	61.29 5.16 0.00	55.01 4.26 0.00	49.99 3.83 0.00	41.91 3.35 0.01	37.10 3.03 -0.01	34.03 2.90 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	32.13 2.92 -0.01	29.04 2.69 -0.01	27.21 2.36 -0.01	26.66 2.20 -0.01	26.27 2.17 -0.01	25.50 2.00 0.00	25.03 1.64 0.00	24.29 1.63 0.00	25.96 2.14 0.00	27.96 2.56 0.00	30.83 2.95 -0.01	35.25 3.39 -1.27	36.55 3.53 0.00	38.46 3.68 -0.01	41.02 3.59 0.01	44.53 3.79 0.00	52.40 4.94 0.00	57.04 5.00 0.00	61.29 5.16 0.00	55.01 4.26 0.00	49.99 3.83 0.00	41.92 3.35 -0.01	37.10 3.03 -0.01	34.03 2.90 -0.01
ASTORIA_GT2_1 24094	32.16 2.95 -0.01	29.07 2.71 -0.01	27.21 2.36 -0.01	26.68 2.22 -0.01	26.29 2.19 -0.01	25.55 2.04 0.00	25.05 1.66 0.00	24.15 1.50 0.00	25.96 2.14 0.00	27.99 2.59 0.00	30.89 3.01 -0.01	35.28 3.42 -1.27	36.55 3.53 0.00	38.42 3.65 -0.01	40.88 3.44 0.00	44.40 3.67 0.00	52.07 4.60 0.00	56.83 4.79 0.00	60.95 4.83 0.00	54.76 4.01 0.00	49.90 3.74 0.00	41.61 3.05 0.00	37.17 3.10 -0.01	34.13 2.99 -0.01
ASTORIA_GT2_2 24095	32.16 2.95 -0.01	29.07 2.71 -0.01	27.21 2.36 -0.01	26.68 2.22 -0.01	26.29 2.19 -0.01	25.55 2.04 0.00	25.05 1.66 0.00	24.15 1.50 0.00	25.96 2.14 0.00	27.99 2.59 0.00	30.89 3.01 -0.01	35.28 3.42 -1.27	36.55 3.53 0.00	38.42 3.65 -0.01	40.88 3.44 0.00	44.40 3.67 0.00	52.07 4.60 0.00	56.83 4.79 0.00	60.95 4.83 0.00	54.76 4.01 0.00	49.90 3.74 0.00	41.61 3.05 0.00	37.17 3.10 -0.01	34.13 2.99 -0.01
ASTORIA_GT2_3 24096	32.16 2.95 -0.01	29.07 2.71 -0.01	27.21 2.36 -0.01	26.68 2.22 -0.01	26.29 2.19 -0.01	25.55 2.04 0.00	25.05 1.66 0.00	24.15 1.50 0.00	25.96 2.14 0.00	27.99 2.59 0.00	30.89 3.01 -0.01	35.28 3.42 -1.27	36.55 3.53 0.00	38.42 3.65 -0.01	40.88 3.44 0.00	44.40 3.67 0.00	52.07 4.60 0.00	56.83 4.79 0.00	60.95 4.83 0.00	54.76 4.01 0.00	49.90 3.74 0.00	41.61 3.05 0.00	37.17 3.10 -0.01	34.13 2.99 -0.01
ASTORIA_GT2_4 24097	32.16 2.95 -0.01	29.07 2.71 -0.01	27.21 2.36 -0.01	26.68 2.22 -0.01	26.29 2.19 -0.01	25.55 2.04 0.00	25.05 1.66 0.00	24.15 1.50 0.00	25.96 2.14 0.00	27.99 2.59 0.00	30.89 3.01 -0.01	35.28 3.42 -1.27	36.55 3.53 0.00	38.42 3.65 -0.01	40.88 3.44 0.00	44.40 3.67 0.00	52.07 4.60 0.00	56.83 4.79 0.00	60.95 4.83 0.00	54.76 4.01 0.00	49.90 3.74 0.00	41.61 3.05 0.00	37.17 3.10 -0.01	34.13 2.99 -0.01
ASTORIA_GT3_1 24098	32.16 2.95 -0.01	29.07 2.71 -0.01	27.21 2.36 -0.01	26.68 2.22 -0.01	26.29 2.19 -0.01	25.55 2.04 0.00	25.05 1.66 0.00	24.15 1.50 0.00	25.96 2.14 0.00	27.99 2.59 0.00	30.89 3.01 -0.01	35.28 3.42 -1.27	36.55 3.53 0.00	38.42 3.65 -0.01	40.88 3.44 0.00	44.40 3.67 0.00	52.07 4.60 0.00	56.83 4.79 0.00	60.95 4.83 0.00	54.76 4.01 0.00	49.90 3.74 0.00	41.65 3.09 0.00	37.17 3.10 -0.01	34.13 2.99 -0.01
ASTORIA_GT3_2 24099	32.16 2.95 -0.01	29.07 2.71 -0.01	27.21 2.36 -0.01	26.68 2.22 -0.01	26.29 2.19 -0.01	25.55 2.04 0.00	25.05 1.66 0.00	24.15 1.50 0.00	25.96 2.14 0.00	27.99 2.59 0.00	30.89 3.01 -0.01	35.28 3.42 -1.27	36.55 3.53 0.00	38.42 3.65 -0.01	40.88 3.44 0.00	44.40 3.67 0.00	52.07 4.60 0.00	56.83 4.79 0.00	60.95 4.83 0.00	54.76 4.01 0.00	49.90 3.74 0.00	41.65 3.09 0.00	37.17 3.10 -0.01	34.13 2.99 -0.01
ASTORIA_GT3_3 24100	32.16 2.95 -0.01	29.07 2.71 -0.01	27.21 2.36 -0.01	26.68 2.22 -0.01	26.29 2.19 -0.01	25.55 2.04 0.00	25.05 1.66 0.00	24.15 1.50 0.00	25.96 2.14 0.00	27.99 2.59 0.00	30.89 3.01 -0.01	35.28 3.42 -1.27	36.55 3.53 0.00	38.42 3.65 -0.01	40.88 3.44 0.00	44.40 3.67 0.00	52.07 4.60 0.00	56.83 4.79 0.00	60.95 4.83 0.00	54.76 4.01 0.00	49.90 3.74 0.00	41.65 3.09 0.00	37.17 3.10 -0.01	34.13 2.99 -0.01
ASTORIA_GT3_4 24101	32.16 2.95 -0.01	29.07 2.71 -0.01	27.21 2.36 -0.01	26.68 2.22 -0.01	26.29 2.19 -0.01	25.55 2.04 0.00	25.05 1.66 0.00	24.15 1.50 0.00	25.96 2.14 0.00	27.99 2.59 0.00	30.89 3.01 -0.01	35.28 3.42 -1.27	36.55 3.53 0.00	38.42 3.65 -0.01	40.88 3.44 0.00	44.40 3.67 0.00	52.07 4.60 0.00	56.83 4.79 0.00	60.95 4.83 0.00	54.76 4.01 0.00	49.90 3.74 0.00	41.65 3.09 0.00	37.17 3.10 -0.01	34.13 2.99 -0.01
ASTORIA_GT4_1 24102	32.16 2.95 -0.01	29.07 2.71 -0.01	27.21 2.36 -0.01	26.68 2.22 -0.01	26.29 2.19 -0.01	25.55 2.04 0.00	25.05 1.66 0.00	24.15 1.50 0.00	25.96 2.14 0.00	27.99 2.59 0.00	30.89 3.01 -0.01	35.28 3.42 -1.27	36.55 3.53 0.00	38.42 3.65 -0.01	40.88 3.44 0.00	44.40 3.67 0.00	52.07 4.60 0.00	56.83 4.79 0.00	60.95 4.83 0.00	54.76 4.01 0.00	49.90 3.74 0.00	41.65 3.09 0.00	37.17 3.10 -0.01	34.13 2.99 -0.01
ASTORIA_GT4_2 24103	32.16 2.95 -0.01	29.07 2.71 -0.01	27.21 2.36 -0.01	26.68 2.22 -0.01	26.29 2.19 -0.01	25.55 2.04 0.00	25.05 1.66 0.00	24.15 1.50 0.00	25.96 2.14 0.00	27.99 2.59 0.00	30.89 3.01 -0.01	35.28 3.42 -1.27	36.55 3.53 0.00	38.42 3.65 -0.01	40.88 3.44 0.00	44.40 3.67 0.00	52.07 4.60 0.00	56.83 4.79 0.00	60.95 4.83 0.00	54.76 4.01 0.00	49.90 3.74 0.00	41.65 3.09 0.00	37.17 3.10 -0.01	34.13 2.99 -0.01
ASTORIA_GT4_3 24104	32.16 2.95 -0.01	29.07 2.71 -0.01	27.21 2.36 -0.01	26.68 2.22 -0.01	26.29 2.19 -0.01	25.55 2.04 0.00	25.05 1.66 0.00	24.15 1.50 0.00	25.96 2.14 0.00	27.99 2.59 0.00	30.89 3.01 -0.01	35.28 3.42 -1.27	36.55 3.53 0.00	38.42 3.65 -0.01	40.88 3.44 0.00	44.40 3.67 0.00	52.07 4.60 0.00	56.83 4.79 0.00	60.95 4.83 0.00	54.76 4.01 0.00	49.90 3.74 0.00	41.65 3.09 0.00	37.17 3.10 -0.01	34.13 2.99 -0.01

ASTORIA_GT4_4 24105	32.16 2.95 -0.01	29.07 2.71 -0.01	27.21 2.36 -0.01	26.68 2.22 -0.01	26.29 2.19 -0.01	25.55 2.04 0.00	25.05 1.66 0.00	24.15 1.50 0.00	25.96 2.14 0.00	27.99 2.59 0.00	30.89 3.01 -0.01	35.28 3.42 -1.27	36.55 3.53 0.00	38.42 3.65 -0.01	40.88 3.44 0.00	44.40 3.67 0.00	52.07 4.60 0.00	56.83 4.79 0.00	60.95 4.83 0.00	54.76 4.01 0.00	49.90 3.74 0.00	41.65 3.09 0.00	37.17 3.10 -0.01	34.13 2.99 -0.01
ASTORIA_GT_1 23523	32.22 3.01 -0.01	29.12 2.77 -0.01	27.26 2.41 -0.01	26.73 2.27 -0.01	26.34 2.24 -0.01	25.57 2.07 0.00	25.10 1.71 0.00	24.36 1.70 0.00	26.03 2.22 0.00	28.01 2.62 0.00	30.91 3.04 -0.01	35.34 3.48 -1.27	36.65 3.63 0.00	38.56 3.79 -0.01	41.14 3.71 0.01	44.65 3.91 0.00	52.55 5.08 0.00	57.20 5.15 0.00	61.51 5.39 0.00	55.16 4.41 0.00	50.17 4.01 0.00	42.03 3.47 0.00	37.20 3.13 -0.01	34.13 2.99 -0.01
ASTORIA_GT_10 24110	32.19 2.98 -0.01	28.93 2.58 0.00	27.08 2.24 0.00	26.53 2.08 0.00	26.16 2.07 0.00	25.43 1.93 0.00	25.03 1.64 0.00	24.15 1.50 0.00	25.96 2.14 0.00	27.96 2.57 0.00	30.86 2.98 -0.01	35.83 3.39 -1.85	36.52 3.50 0.00	38.42 3.65 -0.01	40.96 3.52 0.00	44.45 3.71 0.00	51.98 4.51 0.00	56.68 4.63 0.00	60.78 4.66 0.00	54.65 3.91 0.00	49.81 3.65 0.00	41.61 3.05 0.00	37.10 3.03 -0.01	34.16 3.02 -0.01
ASTORIA_GT_11 24225	32.19 2.98 -0.01	28.93 2.58 0.00	27.08 2.24 0.00	26.53 2.08 0.00	26.16 2.07 0.00	25.43 1.93 0.00	25.03 1.64 0.00	24.15 1.50 0.00	25.96 2.14 0.00	27.96 2.57 0.00	30.86 2.98 -0.01	35.83 3.39 -1.85	36.52 3.50 0.00	38.42 3.65 -0.01	40.96 3.52 0.00	44.45 3.71 0.00	51.98 4.51 0.00	56.68 4.63 0.00	60.78 4.66 0.00	54.65 3.91 0.00	49.81 3.65 0.00	41.61 3.05 0.00	37.10 3.03 -0.01	34.16 3.02 -0.01
ASTORIA_GT_12 24226	32.19 2.98 -0.01	28.93 2.58 0.00	27.08 2.24 0.00	26.53 2.08 0.00	26.16 2.07 0.00	25.43 1.93 0.00	25.03 1.64 0.00	24.15 1.50 0.00	25.96 2.14 0.00	27.96 2.57 0.00	30.86 2.98 -0.01	35.83 3.39 -1.85	36.52 3.50 0.00	38.42 3.65 -0.01	40.96 3.52 0.00	44.45 3.71 0.00	51.98 4.51 0.00	56.68 4.63 0.00	60.78 4.66 0.00	54.65 3.91 0.00	49.81 3.65 0.00	41.61 3.05 0.00	37.10 3.03 -0.01	34.16 3.02 -0.01
ASTORIA_GT_13 24227	32.19 2.98 -0.01	28.93 2.58 0.00	27.08 2.24 0.00	26.53 2.08 0.00	26.16 2.07 0.00	25.43 1.93 0.00	25.03 1.64 0.00	24.15 1.50 0.00	25.96 2.14 0.00	27.96 2.57 0.00	30.86 2.98 -0.01	35.83 3.39 -1.85	36.52 3.50 0.00	38.42 3.65 -0.01	40.96 3.52 0.00	44.45 3.71 0.00	51.98 4.51 0.00	56.68 4.63 0.00	60.78 4.66 0.00	54.65 3.91 0.00	49.81 3.65 0.00	41.61 3.05 0.00	37.10 3.03 -0.01	34.16 3.02 -0.01
ASTORIA_GT_5 24106	32.25 3.04 -0.01	29.12 2.77 -0.01	27.26 2.41 -0.01	26.73 2.27 -0.01	26.34 2.24 -0.01	25.60 2.09 0.00	25.10 1.71 0.00	24.20 1.54 0.00	26.01 2.19 0.00	28.04 2.64 0.00	30.94 3.07 -0.01	35.34 3.49 -1.27	36.65 3.63 0.00	38.53 3.75 -0.01	40.99 3.56 0.00	44.49 3.75 0.00	52.21 4.75 0.00	56.99 4.94 0.00	61.12 5.00 0.00	54.86 4.11 0.00	50.04 3.88 0.00	41.73 3.16 0.00	37.27 3.20 -0.01	34.22 3.08 -0.01
ASTORIA_GT_7 24107	32.25 3.04 -0.01	29.12 2.77 -0.01	27.26 2.41 -0.01	26.73 2.27 -0.01	26.34 2.24 -0.01	25.60 2.09 0.00	25.10 1.71 0.00	24.20 1.54 0.00	26.01 2.19 0.00	28.04 2.64 0.00	30.94 3.07 -0.01	35.34 3.49 -1.27	36.65 3.63 0.00	38.53 3.75 -0.01	40.99 3.56 0.00	44.49 3.75 0.00	52.21 4.75 0.00	56.99 4.94 0.00	61.12 5.00 0.00	54.86 4.11 0.00	50.04 3.88 0.00	41.73 3.16 0.00	37.27 3.20 -0.01	34.22 3.08 -0.01
ASTORIA_GT_8 24108	32.25 3.04 -0.01	29.12 2.77 -0.01	27.26 2.41 -0.01	26.73 2.27 -0.01	26.34 2.24 -0.01	25.60 2.09 0.00	25.10 1.71 0.00	24.20 1.54 0.00	26.01 2.19 0.00	28.04 2.64 0.00	30.94 3.07 -0.01	35.34 3.49 -1.27	36.65 3.63 0.00	38.53 3.75 -0.01	40.99 3.56 0.00	44.49 3.75 0.00	52.21 4.75 0.00	56.99 4.94 0.00	61.12 5.00 0.00	54.86 4.11 0.00	50.04 3.88 0.00	41.73 3.16 0.00	37.27 3.20 -0.01	34.22 3.08 -0.01
ASTORIA___2 24149	32.16 2.95 -0.01	29.07 2.71 -0.01	27.21 2.36 -0.01	26.68 2.22 -0.01	26.29 2.19 -0.01	25.53 2.02 0.00	25.05 1.66 0.00	24.31 1.65 0.00	25.99 2.17 0.00	27.96 2.56 0.00	30.86 2.98 -0.01	35.28 3.42 -1.27	36.55 3.53 0.00	38.46 3.68 -0.01	41.02 3.59 0.01	44.57 3.83 0.00	52.45 4.98 0.00	57.09 5.05 0.00	61.35 5.22 0.00	55.01 4.26 0.00	50.04 3.88 0.00	41.96 3.39 -0.01	37.14 3.07 -0.01	34.06 2.93 -0.01
ASTORIA___3 23516	32.19 2.98 -0.01	28.93 2.58 0.00	27.08 2.24 0.00	26.55 2.10 0.00	26.16 2.07 0.00	25.41 1.90 0.00	25.00 1.61 0.00	24.24 1.59 0.00	25.99 2.17 0.00	27.94 2.54 0.00	30.83 2.95 -0.01	35.83 3.39 -1.85	36.52 3.50 0.00	38.53 3.76 -0.01	41.11 3.67 0.00	44.61 3.87 0.00	52.31 4.84 0.00	56.94 4.89 0.00	61.18 5.05 0.00	54.96 4.21 0.00	49.95 3.79 0.00	41.92 3.35 0.00	37.24 3.17 -0.01	34.10 2.96 -0.01
ASTORIA___4 23517	32.19 2.98 -0.01	28.93 2.58 0.00	27.08 2.24 0.00	26.53 2.08 0.00	26.16 2.07 0.00	25.43 1.93 0.00	25.03 1.64 0.00	24.15 1.50 0.00	25.96 2.14 0.00	27.96 2.57 0.00	30.86 2.98 -0.01	35.83 3.39 -1.85	36.52 3.50 0.00	38.42 3.65 -0.01	40.96 3.52 0.00	44.45 3.71 0.00	51.98 4.51 0.00	56.68 4.63 0.00	60.78 4.66 0.00	54.65 3.91 0.00	49.81 3.65 0.00	41.61 3.05 0.00	37.10 3.03 -0.01	34.16 3.02 -0.01
ASTORIA___5 23518	32.19 2.98 -0.01	28.93 2.58 0.00	27.08 2.24 0.00	26.55 2.10 0.00	26.16 2.07 0.00	25.41 1.90 0.00	25.00 1.61 0.00	24.24 1.59 0.00	25.99 2.17 0.00	27.94 2.54 0.00	30.83 2.95 -0.01	35.83 3.39 -1.85	36.52 3.50 0.00	38.53 3.76 -0.01	41.11 3.67 0.00	44.61 3.87 0.00	52.31 4.84 0.00	56.94 4.89 0.00	61.18 5.05 0.00	54.96 4.21 0.00	49.95 3.79 0.00	41.88 3.32 0.00	37.24 3.17 -0.01	34.10 2.96 -0.01
AST_ENERGY_2_CC3 323677	32.00 2.80 0.00	28.77 2.42 0.00	26.93 2.09 0.00	26.38 1.93 0.00	26.02 1.93 0.00	25.29 1.79 0.00	24.91 1.52 0.00	24.18 1.52 0.00	25.94 2.12 0.00	27.83 2.44 0.00	30.65 2.79 0.00	35.12 3.27 -1.27	36.32 3.30 0.00	38.39 3.62 -0.01	41.11 3.67 0.00	44.61 3.87 0.00	52.21 4.75 0.00	56.89 4.84 0.00	61.18 5.05 0.00	54.91 4.16 0.00	49.86 3.69 0.00	41.84 3.28 0.00	37.03 2.96 0.00	33.90 2.77 0.00
AST_ENERGY_2_CC4 323678	32.00 2.80 0.00	28.77 2.42 0.00	26.93 2.09 0.00	26.38 1.93 0.00	26.02 1.93 0.00	25.29 1.79 0.00	24.91 1.52 0.00	24.18 1.52 0.00	25.94 2.12 0.00	27.83 2.44 0.00	30.65 2.79 0.00	35.12 3.27 -1.27	36.32 3.30 0.00	38.39 3.62 -0.01	41.11 3.67 0.00	44.61 3.87 0.00	52.21 4.75 0.00	56.89 4.84 0.00	61.18 5.05 0.00	54.91 4.16 0.00	49.86 3.69 0.00	41.84 3.28 0.00	37.03 2.96 0.00	33.90 2.77 0.00

ATHENS_STG_1 23668	30.52 1.32 0.00	27.53 1.19 0.00	25.99 1.14 0.00	25.60 1.15 0.00	25.22 1.13 0.00	24.56 1.06 0.00	24.19 0.80 0.00	23.38 0.72 0.00	24.84 1.02 0.00	26.51 1.12 0.00	29.12 1.26 0.00	32.02 1.44 0.00	34.51 1.49 0.00	36.37 1.60 0.00	39.08 1.65 0.00	42.57 1.83 0.00	49.60 2.14 0.00	54.28 2.24 0.00	58.48 2.36 0.00	52.72 1.98 0.00	47.91 1.75 0.00	40.14 1.58 0.00	35.43 1.36 0.00	32.41 1.28 0.00
ATHENS_STG_2 23670	30.52 1.32 0.00	27.53 1.19 0.00	25.99 1.14 0.00	25.60 1.15 0.00	25.22 1.13 0.00	24.56 1.06 0.00	24.19 0.80 0.00	23.38 0.72 0.00	24.84 1.02 0.00	26.51 1.12 0.00	29.12 1.26 0.00	32.02 1.44 0.00	34.51 1.49 0.00	36.37 1.60 0.00	39.08 1.65 0.00	42.57 1.83 0.00	49.60 2.14 0.00	54.28 2.24 0.00	58.48 2.36 0.00	52.72 1.98 0.00	47.91 1.75 0.00	40.14 1.58 0.00	35.43 1.36 0.00	32.41 1.28 0.00
ATHENS_STG_3 23677	30.52 1.32 0.00	27.53 1.19 0.00	25.99 1.14 0.00	25.60 1.15 0.00	25.22 1.13 0.00	24.56 1.06 0.00	24.19 0.80 0.00	23.38 0.72 0.00	24.84 1.02 0.00	26.51 1.12 0.00	29.12 1.26 0.00	32.02 1.44 0.00	34.51 1.49 0.00	36.37 1.60 0.00	39.08 1.65 0.00	42.57 1.83 0.00	49.60 2.14 0.00	54.28 2.24 0.00	58.48 2.36 0.00	52.72 1.98 0.00	47.91 1.75 0.00	40.14 1.58 0.00	35.43 1.36 0.00	32.41 1.28 0.00
AUBURN___LFGE 323710	30.13 0.26 -0.66	26.74 0.18 -0.22	24.99 0.15 0.00	24.52 0.07 0.00	24.14 0.05 0.00	23.55 0.05 0.00	23.34 -0.05 0.00	22.59 -0.07 0.00	23.84 0.02 0.00	25.60 0.13 -0.08	28.37 0.20 -0.31	31.59 0.31 -0.71	34.11 0.46 -0.63	35.91 0.56 -0.59	38.90 0.64 -0.83	42.50 0.61 -1.15	50.06 0.76 -1.83	55.03 0.68 -2.31	60.26 0.90 -3.24	54.37 0.86 -2.76	48.53 0.74 -1.63	40.32 0.77 -0.99	35.38 0.68 -0.64	32.56 0.47 -0.96
BABYLON_RES_REC 323704	36.82 3.30 -4.32	35.79 2.90 -6.55	33.49 2.58 -6.06	31.15 2.44 -4.26	27.38 2.41 -0.88	28.04 2.28 -2.26	25.38 1.99 0.00	24.56 1.90 0.00	32.00 2.52 -5.66	35.55 2.84 -7.31	38.31 3.18 -7.27	45.28 3.36 -11.34	44.92 3.40 -8.50	54.26 3.62 -15.87	55.58 3.74 -14.40	57.09 4.03 -12.32	63.43 4.94 -11.03	67.37 5.20 -10.12	69.86 5.50 -8.23	59.42 4.51 -4.16	50.30 3.92 -0.21	46.46 3.74 -4.16	40.59 3.24 -3.29	38.61 3.30 -4.18
BABYLON___69_KV_BK2 356345	37.28 3.77 -4.32	36.19 3.29 -6.55	33.81 2.91 -6.06	31.47 2.76 -4.26	27.69 2.72 -0.88	28.37 2.61 -2.26	25.70 2.32 0.00	24.81 2.15 0.00	32.31 2.83 -5.66	35.91 3.20 -7.31	38.79 3.65 -7.27	48.60 4.10 -13.93	45.71 4.26 -8.43	65.61 4.52 -26.33	68.40 4.68 -26.29	70.33 5.05 -24.54	76.87 5.98 -23.42	80.38 6.40 -21.93	81.38 6.68 -18.58	69.37 5.73 -12.89	52.22 5.40 -0.66	49.46 4.47 -6.43	41.28 3.92 -3.30	39.14 3.83 -4.18
BALL_HILL_WT_PWR 323825	29.20 0.00 0.00	26.13 -0.21 0.00	24.72 -0.12 0.00	24.13 -0.32 0.00	23.73 -0.36 0.00	23.20 -0.31 0.00	22.94 -0.45 0.00	22.11 -0.54 0.00	23.32 -0.50 0.00	25.17 -0.23 0.00	27.70 -0.17 0.00	30.37 -0.21 0.00	33.18 0.17 0.00	35.04 0.28 0.00	37.70 0.26 0.00	40.58 -0.16 0.00	47.04 -0.43 0.00	50.85 -1.20 0.00	54.78 -1.35 0.00	50.09 -0.66 0.00	45.56 -0.60 0.00	37.83 -0.73 0.00	34.13 0.07 0.00	31.41 0.28 0.00
BARON_WINDS___WT_PWR 323822	29.60 0.23 -0.16	26.48 0.08 -0.05	24.94 0.10 0.00	24.40 -0.05 0.00	24.02 -0.07 0.00	23.43 -0.07 0.00	23.20 -0.19 0.00	22.39 -0.27 0.00	23.63 -0.19 0.00	25.41 0.00 -0.02	27.97 0.03 -0.08	30.85 0.09 -0.18	33.54 0.36 -0.15	35.36 0.45 -0.14	38.05 0.41 -0.20	41.19 0.16 -0.29	47.92 0.00 -0.45	52.26 -0.36 -0.57	56.59 -0.33 -0.80	51.48 0.05 -0.68	46.70 0.14 -0.40	38.77 -0.04 -0.24	34.70 0.48 -0.16	31.93 0.56 -0.24
BARRETT_IC_1 23704	36.50 2.98 -4.32	35.50 2.61 -6.55	33.24 2.33 -6.06	30.91 2.20 -4.26	27.14 2.17 -0.88	27.80 2.04 -2.26	25.14 1.76 0.00	24.36 1.70 0.00	31.79 2.31 -5.66	35.35 2.64 -7.31	38.09 2.95 -7.27	44.04 3.27 -10.19	44.99 3.30 -8.67	49.24 3.58 -10.89	49.80 3.63 -8.73	51.10 3.87 -6.49	57.25 4.65 -5.13	61.32 4.79 -4.49	64.42 4.99 -3.30	54.86 4.11 0.00	49.72 3.55 0.00	45.00 3.35 -3.08	40.59 3.24 -3.28	38.33 3.02 -4.18
BARRETT_IC_10 23701	36.50 2.98 -4.32	35.50 2.61 -6.55	33.24 2.33 -6.06	30.91 2.20 -4.26	27.14 2.17 -0.88	27.80 2.04 -2.26	25.14 1.76 0.00	24.36 1.70 0.00	31.79 2.31 -5.66	35.35 2.64 -7.31	38.09 2.95 -7.27	44.04 3.27 -10.19	44.99 3.30 -8.67	49.24 3.58 -10.89	49.80 3.63 -8.73	51.10 3.87 -6.49	57.25 4.65 -5.13	61.32 4.79 -4.49	64.42 4.99 -3.30	54.86 4.11 0.00	49.72 3.55 0.00	45.00 3.35 -3.08	40.59 3.24 -3.28	38.33 3.02 -4.18
BARRETT_IC_11 23702	36.50 2.98 -4.32	35.50 2.61 -6.55	33.24 2.33 -6.06	30.91 2.20 -4.26	27.14 2.17 -0.88	27.80 2.04 -2.26	25.14 1.76 0.00	24.36 1.70 0.00	31.79 2.31 -5.66	35.35 2.64 -7.31	38.09 2.95 -7.27	44.04 3.27 -10.19	44.99 3.30 -8.67	49.24 3.58 -10.89	49.80 3.63 -8.73	51.10 3.87 -6.49	57.25 4.65 -5.13	61.32 4.79 -4.49	64.42 4.99 -3.30	54.86 4.11 0.00	49.72 3.55 0.00	45.00 3.35 -3.08	40.59 3.24 -3.28	38.33 3.02 -4.18
BARRETT_IC_12 23703	36.50 2.98 -4.32	35.50 2.61 -6.55	33.24 2.33 -6.06	30.91 2.20 -4.26	27.14 2.17 -0.88	27.80 2.04 -2.26	25.14 1.76 0.00	24.36 1.70 0.00	31.79 2.31 -5.66	35.35 2.64 -7.31	38.09 2.95 -7.27	44.04 3.27 -10.19	44.99 3.30 -8.67	49.24 3.58 -10.89	49.80 3.63 -8.73	51.10 3.87 -6.49	57.25 4.65 -5.13	61.32 4.79 -4.49	64.42 4.99 -3.30	54.86 4.11 0.00	49.72 3.55 0.00	45.00 3.35 -3.08	40.59 3.24 -3.28	38.33 3.02 -4.18
BARRETT_IC_2 23705	36.50 2.98 -4.32	35.50 2.61 -6.55	33.24 2.33 -6.06	30.91 2.20 -4.26	27.14 2.17 -0.88	27.80 2.04 -2.26	25.14 1.76 0.00	24.36 1.70 0.00	31.79 2.31 -5.66	35.35 2.64 -7.31	38.09 2.95 -7.27	44.04 3.27 -10.19	44.99 3.30 -8.67	49.24 3.58 -10.89	49.80 3.63 -8.73	51.10 3.87 -6.49	57.25 4.65 -5.13	61.32 4.79 -4.49	64.42 4.99 -3.30	54.86 4.11 0.00	49.72 3.55 0.00	45.00 3.35 -3.08	40.59 3.24 -3.28	38.33 3.02 -4.18
BARRETT_IC_3 23706	36.50 2.98 -4.32	35.50 2.61 -6.55	33.24 2.33 -6.06	30.91 2.20 -4.26	27.14 2.17 -0.88	27.80 2.04 -2.26	25.14 1.76 0.00	24.36 1.70 0.00	31.79 2.31 -5.66	35.35 2.64 -7.31	38.09 2.95 -7.27	44.04 3.27 -10.19	44.99 3.30 -8.67	49.24 3.58 -10.89	49.80 3.63 -8.73	51.10 3.87 -6.49	57.25 4.65 -5.13	61.32 4.79 -4.49	64.42 4.99 -3.30	54.86 4.11 0.00	49.72 3.55 0.00	45.00 3.35 -3.08	40.59 3.24 -3.28	38.33 3.02 -4.18
BARRETT_IC_4 23707	36.50 2.98 -4.32	35.50 2.61 -6.55	33.24 2.33 -6.06	30.91 2.20 -4.26	27.14 2.17 -0.88	27.80 2.04 -2.26	25.14 1.76 0.00	24.36 1.70 0.00	31.79 2.31 -5.66	35.35 2.64 -7.31	38.09 2.95 -7.27	44.04 3.27 -10.19	44.99 3.30 -8.67	49.24 3.58 -10.89	49.80 3.63 -8.73	51.10 3.87 -6.49	57.25 4.65 -5.13	61.32 4.79 -4.49	64.42 4.99 -3.30	54.86 4.11 0.00	49.72 3.55 0.00	45.00 3.35 -3.08	40.59 3.24 -3.28	38.33 3.02 -4.18

BARRETT_IC_5 23708	36.50 2.98 -4.32	35.50 2.61 -6.55	33.24 2.33 -6.06	30.91 2.20 -4.26	27.14 2.17 -0.88	27.80 2.04 -2.26	25.14 1.76 0.00	24.36 1.70 0.00	31.79 2.31 -5.66	35.35 2.64 -7.31	38.09 2.95 -7.27	44.04 3.27 -10.19	44.99 3.30 -8.67	49.24 3.58 -10.89	49.80 3.63 -8.73	51.10 3.87 -6.49	57.25 4.65 -5.13	61.32 4.79 -4.49	64.42 4.99 -3.30	54.86 4.11 0.00	49.72 3.55 0.00	45.00 3.35 -3.08	40.59 3.24 -3.28	38.33 3.02 -4.18
BARRETT_IC_6 23709	36.50 2.98 -4.32	35.50 2.61 -6.55	33.24 2.33 -6.06	30.91 2.20 -4.26	27.14 2.17 -0.88	27.80 2.04 -2.26	25.14 1.76 0.00	24.36 1.70 0.00	31.79 2.31 -5.66	35.35 2.64 -7.31	38.09 2.95 -7.27	44.04 3.27 -10.19	44.99 3.30 -8.67	49.24 3.58 -10.89	49.80 3.63 -8.73	51.10 3.87 -6.49	57.25 4.65 -5.13	61.32 4.79 -4.49	64.42 4.99 -3.30	54.86 4.11 0.00	49.72 3.55 0.00	45.00 3.35 -3.08	40.59 3.24 -3.28	38.33 3.02 -4.18
BARRETT_IC_7 23710	36.50 2.98 -4.32	35.50 2.61 -6.55	33.24 2.34 -6.06	30.91 2.20 -4.26	27.14 2.17 -0.88	27.83 2.07 -2.26	25.19 1.80 0.00	24.31 1.65 0.00	31.79 2.31 -5.66	35.35 2.64 -7.31	38.09 2.95 -7.27	44.04 3.27 -10.19	44.99 3.30 -8.67	49.13 3.48 -10.89	49.69 3.52 -8.73	50.98 3.75 -6.49	56.96 4.37 -5.13	61.17 4.63 -4.49	64.20 4.77 -3.30	54.70 3.96 0.00	49.81 3.65 0.00	44.73 3.09 -3.08	40.45 3.10 -3.28	38.40 3.08 -4.18
BARRETT_IC_8 23711	36.50 2.98 -4.32	35.50 2.61 -6.55	33.24 2.33 -6.06	30.91 2.20 -4.26	27.14 2.17 -0.88	27.80 2.04 -2.26	25.14 1.76 0.00	24.36 1.70 0.00	31.79 2.31 -5.66	35.35 2.64 -7.31	38.09 2.95 -7.27	44.04 3.27 -10.19	44.99 3.30 -8.67	49.24 3.58 -10.89	49.80 3.63 -8.73	51.10 3.87 -6.49	57.25 4.65 -5.13	61.32 4.79 -4.49	64.42 4.99 -3.30	54.86 4.11 0.00	49.72 3.55 0.00	45.00 3.35 -3.08	40.59 3.24 -3.28	38.33 3.02 -4.18
BARRETT_IC_9 23700	36.50 2.98 -4.32	35.50 2.61 -6.55	33.24 2.33 -6.06	30.91 2.20 -4.26	27.14 2.17 -0.88	27.80 2.04 -2.26	25.14 1.76 0.00	24.36 1.70 0.00	31.79 2.31 -5.66	35.35 2.64 -7.31	38.09 2.95 -7.27	44.04 3.27 -10.19	44.99 3.30 -8.67	49.24 3.58 -10.89	49.80 3.63 -8.73	51.10 3.87 -6.49	57.25 4.65 -5.13	61.32 4.79 -4.49	64.42 4.99 -3.30	54.86 4.11 0.00	49.72 3.55 0.00	45.00 3.35 -3.08	40.59 3.24 -3.28	38.33 3.02 -4.18
BARRETT___1 23545	36.50 2.98 -4.32	35.50 2.61 -6.55	33.24 2.33 -6.06	30.91 2.20 -4.26	27.14 2.17 -0.88	27.80 2.04 -2.26	25.14 1.76 0.00	24.36 1.70 0.00	31.79 2.31 -5.66	35.35 2.64 -7.31	38.09 2.95 -7.27	44.04 3.27 -10.19	44.99 3.30 -8.67	49.24 3.58 -10.89	49.80 3.63 -8.73	51.10 3.87 -6.49	57.25 4.65 -5.13	61.32 4.79 -4.49	64.42 4.99 -3.30	54.86 4.11 0.00	49.72 3.55 0.00	45.00 3.35 -3.08	40.59 3.24 -3.28	38.33 3.02 -4.18
BARRETT___2 23546	36.50 2.98 -4.32	35.50 2.61 -6.55	33.24 2.33 -6.06	30.91 2.20 -4.26	27.14 2.17 -0.88	27.80 2.04 -2.26	25.14 1.76 0.00	24.36 1.70 0.00	31.79 2.31 -5.66	35.35 2.64 -7.31	38.09 2.95 -7.27	44.04 3.27 -10.19	44.99 3.30 -8.67	49.24 3.58 -10.89	49.80 3.63 -8.73	51.10 3.87 -6.49	57.25 4.65 -5.13	61.32 4.79 -4.49	64.42 4.99 -3.30	54.86 4.11 0.00	49.72 3.55 0.00	45.00 3.35 -3.08	40.59 3.24 -3.28	38.33 3.02 -4.18
BATAVIA__115KV_TB1 55881	29.29 0.09 0.00	26.24 -0.11 0.00	24.87 0.02 0.00	24.28 -0.17 0.00	23.85 -0.24 0.00	23.32 -0.19 0.00	22.97 -0.42 0.00	22.02 -0.63 0.00	23.22 -0.60 0.00	24.99 -0.41 0.00	27.48 -0.39 0.00	30.21 -0.37 0.00	33.02 0.00 0.00	34.94 0.17 0.00	37.62 0.19 0.00	40.70 -0.04 0.00	47.85 0.38 0.00	51.37 -0.68 0.00	55.90 -0.22 0.00	51.00 0.25 0.00	46.02 -0.14 0.00	39.03 0.46 0.00	34.51 0.44 0.00	31.16 0.03 0.00
BAYONEEC___CTG1 323682	32.06 2.86 0.00	28.79 2.45 0.00	26.98 2.14 0.00	26.43 1.98 0.00	26.04 1.95 0.00	25.31 1.81 0.00	24.96 1.57 0.00	24.22 1.56 0.00	25.99 2.17 0.00	27.89 2.49 0.00	30.71 2.84 0.00	35.15 3.30 -1.27	36.39 3.37 0.00	38.46 3.68 -0.01	41.18 3.74 0.00	44.69 3.95 0.00	50.86 4.79 1.40	49.22 4.89 7.72	50.77 5.11 10.47	49.17 4.21 5.78	47.17 3.74 2.73	41.92 3.35 0.00	37.06 3.00 0.00	33.96 2.83 0.00
BAYONEEC___CTG10 323750	32.06 2.86 0.00	28.79 2.45 0.00	26.98 2.14 0.00	26.43 1.98 0.00	26.04 1.95 0.00	25.31 1.81 0.00	24.96 1.57 0.00	24.22 1.56 0.00	25.99 2.17 0.00	27.89 2.49 0.00	30.71 2.84 0.00	35.15 3.30 -1.27	36.39 3.37 0.00	38.46 3.68 -0.01	41.18 3.74 0.00	44.69 3.95 0.00	50.86 4.79 1.40	49.22 4.89 7.72	50.77 5.11 10.47	49.17 4.21 5.78	47.17 3.74 2.73	41.92 3.35 0.00	37.06 3.00 0.00	33.96 2.83 0.00
BAYONEEC___CTG2 323683	32.06 2.86 0.00	28.79 2.45 0.00	26.98 2.14 0.00	26.43 1.98 0.00	26.04 1.95 0.00	25.31 1.81 0.00	24.96 1.57 0.00	24.22 1.56 0.00	25.99 2.17 0.00	27.89 2.49 0.00	30.71 2.84 0.00	35.15 3.30 -1.27	36.39 3.37 0.00	38.46 3.68 -0.01	41.18 3.74 0.00	44.69 3.95 0.00	50.86 4.79 1.40	49.22 4.89 7.72	50.77 5.11 10.47	49.17 4.21 5.78	47.17 3.74 2.73	41.92 3.35 0.00	37.06 3.00 0.00	33.96 2.83 0.00
BAYONEEC___CTG3 323684	32.06 2.86 0.00	28.79 2.45 0.00	26.98 2.14 0.00	26.43 1.98 0.00	26.04 1.95 0.00	25.31 1.81 0.00	24.96 1.57 0.00	24.22 1.56 0.00	25.99 2.17 0.00	27.89 2.49 0.00	30.71 2.84 0.00	35.15 3.30 -1.27	36.39 3.37 0.00	38.46 3.68 -0.01	41.18 3.74 0.00	44.69 3.95 0.00	50.86 4.79 1.40	49.22 4.89 7.72	50.77 5.11 10.47	49.17 4.21 5.78	47.17 3.74 2.73	41.92 3.35 0.00	37.06 3.00 0.00	33.96 2.83 0.00
BAYONEEC___CTG4 323685	32.06 2.86 0.00	28.79 2.45 0.00	26.98 2.14 0.00	26.43 1.98 0.00	26.04 1.95 0.00	25.31 1.81 0.00	24.96 1.57 0.00	24.22 1.56 0.00	25.99 2.17 0.00	27.89 2.49 0.00	30.71 2.84 0.00	35.15 3.30 -1.27	36.39 3.37 0.00	38.46 3.68 -0.01	41.18 3.74 0.00	44.69 3.95 0.00	50.86 4.79 1.40	49.22 4.89 7.72	50.77 5.11 10.47	49.17 4.21 5.78	47.17 3.74 2.73	41.92 3.35 0.00	37.06 3.00 0.00	33.96 2.83 0.00
BAYONEEC___CTG5 323686	32.06 2.86 0.00	28.79 2.45 0.00	26.98 2.14 0.00	26.43 1.98 0.00	26.04 1.95 0.00	25.31 1.81 0.00	24.96 1.57 0.00	24.22 1.56 0.00	25.99 2.17 0.00	27.89 2.49 0.00	30.71 2.84 0.00	35.15 3.30 -1.27	36.39 3.37 0.00	38.46 3.68 -0.01	41.18 3.74 0.00	44.69 3.95 0.00	50.86 4.79 1.40	49.22 4.89 7.72	50.77 5.11 10.47	49.17 4.21 5.78	47.17 3.74 2.73	41.92 3.35 0.00	37.06 3.00 0.00	33.96 2.83 0.00
BAYONEEC___CTG6 323687	32.06 2.86 0.00	28.79 2.45 0.00	26.98 2.14 0.00	26.43 1.98 0.00	26.04 1.95 0.00	25.31 1.81 0.00	24.96 1.57 0.00	24.22 1.56 0.00	25.99 2.17 0.00	27.89 2.49 0.00	30.71 2.84 0.00	35.15 3.30 -1.27	36.39 3.37 0.00	38.46 3.68 -0.01	41.18 3.74 0.00	44.69 3.95 0.00	50.86 4.79 1.40	49.22 4.89 7.72	50.77 5.11 10.47	49.17 4.21 5.78	47.17 3.74 2.73	41.92 3.35 0.00	37.06 3.00 0.00	33.96 2.83 0.00

BAYONEEC___CTG7 323688	32.06 2.86 0.00	28.79 2.45 0.00	26.98 2.14 0.00	26.43 1.98 0.00	26.04 1.95 0.00	25.31 1.81 0.00	24.96 1.57 0.00	24.22 1.56 0.00	25.99 2.17 0.00	27.89 2.49 0.00	30.71 2.84 0.00	35.15 3.30 -1.27	36.39 3.37 0.00	38.46 3.68 -0.01	41.18 3.74 0.00	44.69 3.95 0.00	50.86 4.79 1.40	49.22 4.89 7.72	50.77 5.11 10.47	49.17 4.21 5.78	47.17 3.74 2.73	41.92 3.35 0.00	37.06 3.00 0.00	33.96 2.83 0.00
BAYONEEC___CTG8 323689	32.06 2.86 0.00	28.79 2.45 0.00	26.98 2.14 0.00	26.43 1.98 0.00	26.04 1.95 0.00	25.31 1.81 0.00	24.96 1.57 0.00	24.22 1.56 0.00	25.99 2.17 0.00	27.89 2.49 0.00	30.71 2.84 0.00	35.15 3.30 -1.27	36.39 3.37 0.00	38.46 3.68 -0.01	41.18 3.74 0.00	44.69 3.95 0.00	50.86 4.79 1.40	49.22 4.89 7.72	50.77 5.11 10.47	49.17 4.21 5.78	47.17 3.74 2.73	41.92 3.35 0.00	37.06 3.00 0.00	33.96 2.83 0.00
BAYONEEC___CTG9 323749	32.06 2.86 0.00	28.79 2.45 0.00	26.98 2.14 0.00	26.43 1.98 0.00	26.04 1.95 0.00	25.31 1.81 0.00	24.96 1.57 0.00	24.22 1.56 0.00	25.99 2.17 0.00	27.89 2.49 0.00	30.71 2.84 0.00	35.15 3.30 -1.27	36.39 3.37 0.00	38.46 3.68 -0.01	41.18 3.74 0.00	44.69 3.95 0.00	50.86 4.79 1.40	49.22 4.89 7.72	50.77 5.11 10.47	49.17 4.21 5.78	47.17 3.74 2.73	41.92 3.35 0.00	37.06 3.00 0.00	33.96 2.83 0.00
BEACON___LESR 323632	30.46 1.25 0.00	27.53 1.19 0.00	26.14 1.29 0.00	25.72 1.27 0.00	25.32 1.23 0.00	24.70 1.20 0.00	24.33 0.94 0.00	23.50 0.84 0.00	24.96 1.14 0.00	26.46 1.07 0.00	29.01 1.14 0.00	31.83 1.25 0.00	34.37 1.35 0.00	36.05 1.29 0.00	38.90 1.46 0.00	42.41 1.67 0.00	49.46 1.99 0.00	54.28 2.24 0.00	58.54 2.41 0.00	52.88 2.13 0.00	48.01 1.85 0.00	40.14 1.58 0.00	35.32 1.26 0.00	32.34 1.21 0.00
BEAVER RIVER___HYD 24048	28.91 -0.67 -0.39	25.84 -0.63 -0.13	24.22 -0.62 0.00	23.79 -0.66 0.00	23.37 -0.72 0.00	22.82 -0.68 0.00	22.76 -0.63 0.00	22.05 -0.61 0.00	23.13 -0.69 0.00	24.86 -0.58 -0.04	27.41 -0.64 -0.18	30.07 -0.92 -0.41	32.39 -0.99 -0.36	34.06 -1.04 -0.34	36.83 -1.09 -0.48	40.23 -1.18 -0.67	47.20 -1.33 -1.07	52.97 -0.42 -1.34	57.95 -0.06 -1.88	52.61 0.26 -1.61	47.48 0.37 -0.95	39.37 0.23 -0.57	34.54 0.10 -0.37	31.59 -0.09 -0.56
BEEBEE_GT_13 23619	29.08 -0.12 0.00	26.11 -0.24 0.00	24.65 -0.20 0.00	24.11 -0.34 0.00	23.73 -0.36 0.00	23.15 -0.35 0.00	22.94 -0.44 0.00	22.11 -0.54 0.00	23.32 -0.50 0.00	25.04 -0.36 0.00	27.56 -0.31 0.00	30.33 -0.24 0.00	33.02 0.00 0.00	34.90 0.14 0.00	37.59 0.15 0.00	40.74 0.00 0.00	47.75 0.28 0.00	51.58 0.28 0.00	55.84 -0.47 0.00	50.80 0.05 0.00	45.93 -0.23 0.00	38.79 0.23 0.00	34.27 0.20 0.00	31.04 -0.09 0.00
BENSHRST_27_KV_BENSHRST_1 355998	40.37 3.33 -7.84	29.23 2.87 -0.02	27.36 2.51 -0.01	26.80 2.35 -0.01	26.41 2.31 -0.01	25.70 2.19 -0.01	25.21 1.82 0.00	24.33 1.68 0.00	26.18 2.36 0.00	28.22 2.82 -0.01	42.21 3.29 -11.05	40.20 3.82 -5.80	36.97 3.90 -0.06	38.92 4.14 -0.02	41.40 3.97 0.00	44.97 4.24 0.00	52.69 5.22 0.00	57.46 5.41 0.00	61.63 5.50 0.00	55.42 4.67 0.00	50.50 4.34 0.00	42.07 3.51 0.00	37.65 3.47 -0.11	34.67 3.42 -0.11
BETHLEHEM___GRP 23843	29.96 0.76 0.00	27.08 0.74 0.00	25.76 0.92 0.00	25.38 0.93 0.00	25.00 0.92 0.00	24.42 0.92 0.00	24.25 0.87 0.00	23.38 0.73 0.00	24.80 0.98 0.00	26.08 0.69 0.00	28.51 0.64 0.00	31.28 0.70 0.00	33.74 0.73 0.00	35.53 0.76 0.00	38.30 0.86 0.00	41.80 1.06 0.00	48.65 1.19 0.00	53.40 1.35 0.00	57.53 1.40 0.00	51.91 1.17 0.00	47.22 1.06 0.00	39.41 0.85 0.00	34.78 0.72 0.00	31.88 0.75 0.00
BETHLEHEM___GS1 323560	29.96 0.76 0.00	27.08 0.74 0.00	25.76 0.92 0.00	25.40 0.95 0.00	25.00 0.92 0.00	24.40 0.89 0.00	24.02 0.63 0.00	23.20 0.54 0.00	24.63 0.81 0.00	26.06 0.66 0.00	28.51 0.64 0.00	31.28 0.70 0.00	33.74 0.73 0.00	35.42 0.66 0.00	38.19 0.75 0.00	41.68 0.94 0.00	48.56 1.09 0.00	53.24 1.20 0.00	57.42 1.29 0.00	51.81 1.07 0.00	47.04 0.87 0.00	39.37 0.81 0.00	34.68 0.61 0.00	31.78 0.65 0.00
BETHLEHEM___GS2 323561	29.96 0.76 0.00	27.08 0.74 0.00	25.76 0.92 0.00	25.40 0.95 0.00	25.00 0.92 0.00	24.40 0.89 0.00	24.02 0.63 0.00	23.20 0.54 0.00	24.63 0.81 0.00	26.06 0.66 0.00	28.51 0.64 0.00	31.28 0.70 0.00	33.74 0.73 0.00	35.42 0.66 0.00	38.19 0.75 0.00	41.68 0.94 0.00	48.56 1.09 0.00	53.24 1.20 0.00	57.42 1.29 0.00	51.81 1.07 0.00	47.04 0.87 0.00	39.37 0.81 0.00	34.68 0.61 0.00	31.78 0.65 0.00
BETHLEHEM___GS3 323562	29.96 0.76 0.00	27.08 0.74 0.00	25.76 0.92 0.00	25.40 0.95 0.00	25.00 0.92 0.00	24.40 0.89 0.00	24.02 0.63 0.00	23.20 0.54 0.00	24.63 0.81 0.00	26.06 0.66 0.00	28.51 0.64 0.00	31.28 0.70 0.00	33.74 0.73 0.00	35.42 0.66 0.00	38.19 0.75 0.00	41.68 0.94 0.00	48.56 1.09 0.00	53.24 1.20 0.00	57.42 1.29 0.00	51.81 1.07 0.00	47.04 0.87 0.00	39.37 0.81 0.00	34.68 0.61 0.00	31.78 0.65 0.00
BETHLEHEM___STEEL 23779	29.00 -0.20 0.00	26.00 -0.34 0.00	24.60 -0.25 0.00	24.01 -0.44 0.00	23.61 -0.48 0.00	23.08 -0.42 0.00	22.80 -0.58 0.00	21.84 -0.82 0.00	23.13 -0.69 0.00	24.89 -0.51 0.00	27.42 -0.45 0.00	30.09 -0.49 0.00	32.92 -0.10 0.00	34.77 0.00 0.00	37.32 -0.11 0.00	40.33 -0.41 0.00	47.23 -0.24 0.00	50.49 -1.56 0.00	54.78 -1.35 0.00	49.93 -0.81 0.00	45.05 -1.11 0.00	38.29 -0.27 0.00	34.00 -0.07 0.00	30.72 -0.40 0.00
BETHLHEM_115KV_TB1 79974	30.02 0.82 0.00	27.13 0.79 0.00	25.79 0.94 0.00	25.38 0.93 0.00	25.03 0.94 0.00	24.44 0.94 0.00	24.23 0.84 0.00	23.36 0.70 0.00	24.77 0.95 0.00	26.13 0.74 0.00	28.57 0.70 0.00	31.34 0.76 0.00	33.84 0.83 0.00	35.63 0.87 0.00	38.37 0.94 0.00	41.88 1.14 0.00	48.75 1.28 0.00	53.50 1.46 0.00	57.64 1.52 0.00	52.02 1.27 0.00	47.31 1.15 0.00	39.49 0.93 0.00	34.88 0.82 0.00	31.94 0.81 0.00
BETHPAGE_CC_5 323564	36.64 3.13 -4.32	35.64 2.74 -6.55	33.34 2.44 -6.06	31.03 2.32 -4.26	27.26 2.29 -0.88	27.90 2.14 -2.26	25.26 1.87 0.00	24.45 1.79 0.00	31.91 2.43 -5.66	35.45 2.74 -7.31	38.23 3.09 -7.27	44.53 3.48 -10.47	45.13 3.57 -8.55	51.01 3.93 -12.32	51.83 4.04 -10.35	53.21 4.32 -8.16	59.50 5.22 -6.81	63.56 5.41 -6.10	66.56 5.73 -4.71	56.66 4.72 -1.19	50.33 4.11 -0.06	45.69 3.74 -3.39	40.62 3.27 -3.29	38.46 3.14 -4.18
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.05 -0.15 0.00	26.05 -0.29 0.00	24.65 -0.20 0.00	24.06 -0.39 0.00	23.65 -0.43 0.00	23.13 -0.38 0.00	22.85 -0.54 0.00	21.89 -0.77 0.00	23.18 -0.64 0.00	24.96 -0.43 0.00	27.51 -0.36 0.00	30.21 -0.37 0.00	33.05 0.03 0.00	34.90 0.14 0.00	37.47 0.04 0.00	40.45 -0.29 0.00	47.37 -0.09 0.00	50.69 -1.35 0.00	54.95 -1.18 0.00	50.09 -0.66 0.00	45.19 -0.97 0.00	38.37 -0.19 0.00	34.10 0.03 0.00	30.82 -0.31 0.00

BINGHAMTON___COGEN 23790	30.02 0.53 -0.30	26.89 0.45 -0.10	25.24 0.40 0.00	24.79 0.34 0.00	24.40 0.31 0.00	23.81 0.31 0.00	23.58 0.19 0.00	22.75 0.09 0.00	24.06 0.24 0.00	25.79 0.36 -0.03	28.42 0.42 -0.14	31.45 0.55 -0.32	33.99 0.69 -0.28	35.79 0.76 -0.26	38.59 0.79 -0.37	42.03 0.77 -0.52	49.14 0.85 -0.82	53.81 0.73 -1.03	58.47 0.90 -1.45	52.84 0.86 -1.23	47.63 0.74 -0.73	39.77 0.77 -0.44	35.10 0.75 -0.28	32.12 0.56 -0.43
BIXINCNT_115KV_LOAD 355685	29.08 -0.12 0.00	26.11 -0.24 0.00	24.67 -0.17 0.00	24.11 -0.34 0.00	23.68 -0.41 0.00	23.22 -0.28 0.00	22.99 -0.40 0.00	22.05 -0.61 0.00	23.39 -0.43 0.00	25.17 -0.23 0.00	27.76 -0.11 0.00	30.49 -0.09 0.00	33.35 0.33 0.00	35.22 0.45 0.00	37.66 0.22 0.00	40.70 -0.04 0.00	47.51 0.05 0.00	51.01 -1.04 0.00	55.28 -0.84 0.00	50.39 -0.36 0.00	45.51 -0.65 0.00	38.60 0.04 0.00	34.30 0.24 0.00	31.04 -0.09 0.00
BLACK RIVER___HYD 24047	29.44 -0.41 -0.65	26.16 -0.39 -0.21	24.45 -0.40 0.00	23.98 -0.47 0.00	23.51 -0.58 0.00	22.94 -0.56 0.00	22.83 -0.56 0.00	22.07 -0.59 0.00	23.13 -0.69 0.00	24.86 -0.61 -0.07	27.50 -0.67 -0.31	30.42 -0.86 -0.70	32.71 -0.92 -0.62	34.33 -1.01 -0.58	37.24 -1.01 -0.82	40.78 -1.10 -1.14	47.99 -1.28 -1.81	53.91 -0.42 -2.28	59.49 0.17 -3.19	53.98 0.51 -2.72	48.42 0.65 -1.61	40.07 0.54 -0.97	35.07 0.38 -0.63	32.20 0.13 -0.95
BLACKRVR_115KV_TB2 79977	29.44 -0.41 -0.65	26.16 -0.40 -0.21	24.45 -0.40 0.00	23.98 -0.46 0.00	23.51 -0.58 0.00	22.94 -0.56 0.00	22.83 -0.56 0.00	22.07 -0.59 0.00	23.13 -0.69 0.00	24.86 -0.61 -0.07	27.50 -0.67 -0.31	30.42 -0.86 -0.70	32.71 -0.92 -0.62	34.33 -1.01 -0.58	37.24 -1.01 -0.82	40.78 -1.10 -1.14	48.04 -1.23 -1.81	53.91 -0.42 -2.28	59.49 0.17 -3.19	53.98 0.51 -2.72	48.42 0.65 -1.61	40.15 0.62 -0.97	35.07 0.37 -0.63	32.17 0.09 -0.95
BLISS_WT_PWR 323608	29.06 -0.15 0.00	26.03 -0.31 0.00	24.62 -0.22 0.00	24.03 -0.42 0.00	23.61 -0.48 0.00	23.18 -0.33 0.00	22.94 -0.45 0.00	22.11 -0.54 0.00	23.41 -0.41 0.00	25.19 -0.20 0.00	27.81 -0.06 0.00	30.46 -0.12 0.00	33.35 0.33 0.00	35.22 0.45 0.00	37.85 0.41 0.00	40.66 -0.08 0.00	47.04 -0.43 0.00	51.01 -1.04 0.00	54.89 -1.24 0.00	50.14 -0.61 0.00	45.61 -0.55 0.00	37.91 -0.66 0.00	34.23 0.17 0.00	31.50 0.37 0.00
BLUESTONE___WT_PWR 323821	31.56 2.10 -0.25	28.27 1.84 -0.08	26.56 1.71 0.00	26.06 1.61 0.00	25.56 1.47 0.00	24.94 1.43 0.00	24.70 1.31 0.00	23.84 1.18 0.00	25.10 1.29 0.00	26.95 1.52 -0.03	29.66 1.67 -0.12	32.81 1.96 -0.27	35.50 2.25 -0.24	37.46 2.47 -0.23	40.45 2.70 -0.32	43.87 2.69 -0.44	51.11 2.94 -0.70	56.84 3.91 -0.89	61.86 4.49 -1.24	56.07 4.26 -1.06	50.71 3.92 -0.63	42.06 3.12 -0.38	37.10 2.79 -0.25	33.89 2.40 -0.37
BLUE_CIRC_CHEM_DRP 24182	30.34 1.14 0.00	27.45 1.11 0.00	26.01 1.17 0.00	25.62 1.17 0.00	25.24 1.16 0.00	24.63 1.13 0.00	24.35 0.96 0.00	23.45 0.79 0.00	24.77 0.95 0.00	26.21 0.81 0.00	28.65 0.78 0.00	31.43 0.86 0.00	33.91 0.89 0.00	35.74 0.97 0.00	38.52 1.09 0.00	42.08 1.34 0.00	49.03 1.57 0.00	53.92 1.87 0.00	58.20 2.08 0.00	52.62 1.88 0.00	47.87 1.71 0.00	39.95 1.39 0.00	35.26 1.19 0.00	32.28 1.15 0.00
BOC_GAS_DRP 24189	30.16 0.96 0.00	27.24 0.90 0.00	25.76 0.92 0.00	25.38 0.93 0.00	25.00 0.92 0.00	24.40 0.89 0.00	24.14 0.75 0.00	23.27 0.61 0.00	24.65 0.83 0.00	26.21 0.81 0.00	28.70 0.84 0.00	31.53 0.95 0.00	34.01 0.99 0.00	35.81 1.04 0.00	38.56 1.12 0.00	42.04 1.30 0.00	48.94 1.47 0.00	53.66 1.61 0.00	57.75 1.63 0.00	52.17 1.42 0.00	47.45 1.29 0.00	39.64 1.08 0.00	35.02 0.95 0.00	32.06 0.93 0.00
BOONVILLE_115KV_TB1 79983	29.79 0.41 -0.18	26.75 0.34 -0.06	25.17 0.32 0.00	24.72 0.27 0.00	24.28 0.19 0.00	23.72 0.21 0.00	23.58 0.19 0.00	22.82 0.16 0.00	24.01 0.19 0.00	25.75 0.33 -0.02	28.34 0.39 -0.09	31.11 0.34 -0.20	33.59 0.40 -0.17	35.35 0.42 -0.16	38.15 0.49 -0.23	41.55 0.49 -0.32	48.50 0.52 -0.51	53.99 1.30 -0.64	58.65 1.63 -0.90	53.09 1.57 -0.77	48.09 1.48 -0.45	40.07 1.23 -0.27	35.23 0.99 -0.18	32.14 0.75 -0.27
BORALEX_4TH_BRANCH 23824	31.04 1.84 0.00	28.08 1.74 0.00	26.51 1.66 0.00	26.04 1.59 0.00	25.63 1.54 0.00	24.96 1.46 0.00	24.58 1.19 0.00	23.75 1.09 0.00	25.22 1.41 0.00	26.89 1.50 0.00	29.37 1.50 0.00	32.26 1.68 0.00	34.77 1.75 0.00	36.54 1.77 0.00	39.46 2.02 0.00	43.22 2.49 0.00	50.22 2.75 0.00	55.17 3.12 0.00	59.49 3.37 0.00	53.64 2.89 0.00	48.84 2.68 0.00	40.72 2.16 0.00	35.94 1.87 0.00	32.97 1.84 0.00
BOWLINE___1 23526	31.51 2.31 0.00	28.40 2.06 0.00	26.66 1.81 0.00	26.13 1.69 0.00	25.75 1.66 0.00	25.06 1.55 0.00	24.70 1.31 0.00	23.95 1.29 0.00	25.61 1.79 0.00	27.45 2.06 0.00	30.15 2.29 0.00	33.21 2.63 0.00	35.63 2.61 0.00	37.62 2.85 0.00	40.32 2.88 0.00	43.83 3.09 0.00	51.17 3.70 0.00	55.90 3.85 0.00	60.11 3.99 0.00	54.04 3.30 0.00	49.02 2.86 0.00	41.15 2.58 0.00	36.35 2.28 0.00	33.31 2.18 0.00
BOWLINE___2 23595	31.48 2.28 0.00	28.40 2.06 0.00	26.63 1.79 0.00	26.13 1.69 0.00	25.75 1.66 0.00	25.06 1.55 0.00	24.70 1.31 0.00	23.93 1.27 0.00	25.61 1.79 0.00	27.43 2.03 0.00	30.12 2.26 0.00	33.18 2.60 0.00	35.63 2.61 0.00	37.58 2.81 0.00	40.32 2.88 0.00	43.83 3.09 0.00	51.17 3.70 0.00	55.90 3.85 0.00	60.11 3.99 0.00	54.04 3.30 0.00	49.07 2.91 0.00	41.15 2.58 0.00	36.31 2.25 0.00	33.31 2.18 0.00
BRADY___115KV_TB2 356060	28.15 -1.05 0.00	25.45 -0.90 0.00	23.95 -0.89 0.00	23.57 -0.88 0.00	23.25 -0.84 0.00	22.68 -0.82 0.00	22.83 -0.56 0.00	22.30 -0.36 0.00	23.13 -0.69 0.00	24.56 -0.84 0.00	26.92 -0.95 0.00	29.42 -1.16 0.00	31.80 -1.22 0.00	33.44 -1.32 0.00	36.01 -1.42 0.00	39.27 -1.47 0.00	45.95 -1.52 0.00	50.69 -1.35 0.00	54.83 -1.29 0.00	49.88 -0.86 0.00	45.51 -0.65 0.00	37.71 -0.85 0.00	33.21 -0.85 0.00	30.26 -0.87 0.00
BRANSCOMB___SOLAR 323811	31.01 1.81 0.00	28.03 1.69 0.00	26.39 1.54 0.00	25.94 1.49 0.00	25.53 1.45 0.00	24.91 1.41 0.00	24.49 1.10 0.00	23.63 0.97 0.00	25.08 1.26 0.00	26.77 1.37 0.00	29.29 1.42 0.00	32.14 1.56 0.00	34.73 1.72 0.00	36.54 1.77 0.00	39.38 1.95 0.00	43.02 2.28 0.00	50.12 2.66 0.00	55.01 2.97 0.00	59.72 3.60 0.00	54.10 3.35 0.00	49.25 3.09 0.00	41.15 2.58 0.00	36.18 2.11 0.00	32.93 1.80 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	36.99 3.47 -4.32	35.98 3.08 -6.55	33.64 2.73 -6.06	31.32 2.62 -4.26	27.57 2.60 -0.88	28.23 2.47 -2.26	25.56 2.18 0.00	24.67 2.02 0.00	32.14 2.67 -5.66	35.73 3.02 -7.31	38.48 3.34 -7.27	48.12 3.70 -13.84	45.07 3.83 -8.23	65.18 3.89 -26.52	67.98 4.04 -26.50	69.82 4.32 -24.76	76.24 5.13 -23.65	79.71 5.52 -22.14	80.62 5.72 -18.77	68.66 4.87 -13.05	51.59 4.75 -0.67	48.96 3.93 -6.47	40.92 3.54 -3.32	38.80 3.49 -4.18

BRISTLHL_115KV_TB1 79998	30.26 -0.38 -1.44	26.44 -0.37 -0.47	24.47 -0.37 0.00	24.06 -0.39 0.00	23.68 -0.41 0.00	23.11 -0.40 0.00	22.92 -0.47 0.00	22.18 -0.48 0.00	23.37 -0.45 0.00	25.13 -0.43 -0.16	28.09 -0.45 -0.67	31.69 -0.43 -1.54	33.98 -0.40 -1.36	35.65 -0.38 -1.27	38.82 -0.41 -1.79	42.71 -0.53 -2.50	50.87 -0.57 -3.97	56.27 -0.78 -5.01	62.42 -0.73 -7.02	56.08 -0.66 -5.99	49.10 -0.60 -3.54	40.39 -0.31 -2.14	35.21 -0.24 -1.38	32.90 -0.31 -2.08
BROOKHAVEN___DRP 24191	36.90 3.39 -4.32	35.85 2.95 -6.55	33.49 2.58 -6.06	31.15 2.44 -4.26	27.38 2.41 -0.88	28.06 2.30 -2.26	25.40 2.01 0.00	24.54 1.88 0.00	32.02 2.55 -5.66	35.63 2.92 -7.31	38.51 3.37 -7.27	63.18 3.85 -28.75	45.51 4.00 -8.50	124.06 4.31 -84.98	134.87 4.45 -92.98	138.60 4.77 -93.09	145.98 5.60 -92.92	146.25 6.04 -88.17	139.08 6.34 -76.61	118.02 5.43 -61.85	54.28 4.94 -3.18	61.70 4.01 -19.12	40.83 3.47 -3.29	38.71 3.39 -4.18
BROOKLYN_NAVY_YARD 23515	32.09 2.89 0.00	28.82 2.48 0.00	26.98 2.14 0.00	26.43 1.98 0.00	26.04 1.95 0.00	25.31 1.81 0.00	24.96 1.57 0.00	24.22 1.56 0.00	26.01 2.19 0.00	27.91 2.51 0.00	30.74 2.87 0.00	35.24 3.39 -1.27	36.39 3.37 0.00	38.49 3.72 -0.01	41.22 3.78 0.00	44.73 3.99 0.00	52.36 4.89 0.00	57.04 5.00 0.00	61.35 5.22 0.00	55.06 4.31 0.00	50.04 3.88 0.00	41.96 3.39 0.00	37.13 3.07 0.00	33.99 2.86 0.00
BROOKLYN___ARMY_DRP 323595	40.19 3.15 -7.84	29.07 2.71 -0.02	27.24 2.39 -0.01	26.68 2.22 -0.01	26.31 2.22 -0.01	25.58 2.07 -0.01	25.10 1.71 0.00	24.22 1.56 0.00	26.06 2.24 0.00	28.10 2.69 -0.01	42.04 3.12 -11.05	39.99 3.61 -5.80	36.74 3.67 -0.06	38.71 3.93 -0.02	41.18 3.74 0.00	44.69 3.95 0.00	52.35 4.89 0.00	57.10 5.05 0.00	61.23 5.11 0.00	55.06 4.31 0.00	50.18 4.02 0.00	41.84 3.28 0.00	37.45 3.27 -0.11	34.48 3.24 -0.11
BROOKVLE_69_KV_TB1 55790	36.93 3.42 -4.32	35.87 2.98 -6.55	33.54 2.63 -6.06	31.17 2.47 -4.26	27.40 2.43 -0.88	28.09 2.33 -2.26	25.45 2.06 0.00	24.56 1.90 0.00	32.05 2.57 -5.66	35.68 2.97 -7.31	38.59 3.46 -7.27	44.78 4.01 -10.19	45.85 4.16 -8.67	50.00 4.35 -10.89	50.66 4.49 -8.73	52.00 4.77 -6.49	58.19 5.60 -5.13	62.47 5.93 -4.49	65.54 6.12 -3.30	55.92 5.18 0.00	50.87 4.71 0.00	45.58 3.93 -3.08	40.99 3.64 -3.28	38.86 3.55 -4.18
BROOME_2_LFGE 323671	30.05 0.55 -0.30	26.89 0.45 -0.10	25.24 0.40 0.00	24.79 0.34 0.00	24.40 0.31 0.00	23.79 0.28 0.00	23.55 0.16 0.00	22.79 0.14 0.00	24.06 0.24 0.00	25.81 0.38 -0.03	28.43 0.42 -0.14	31.45 0.55 -0.32	33.99 0.69 -0.28	35.79 0.76 -0.26	38.63 0.82 -0.37	42.03 0.77 -0.52	49.09 0.81 -0.82	53.81 0.73 -1.03	58.36 0.79 -1.45	52.79 0.81 -1.23	47.67 0.78 -0.73	39.66 0.65 -0.44	35.10 0.75 -0.28	32.24 0.68 -0.43
BROOME___LFGE 323600	30.05 0.55 -0.30	26.89 0.45 -0.10	25.24 0.40 0.00	24.79 0.34 0.00	24.40 0.31 0.00	23.79 0.28 0.00	23.55 0.16 0.00	22.79 0.14 0.00	24.06 0.24 0.00	25.81 0.38 -0.03	28.43 0.42 -0.14	31.45 0.55 -0.32	33.99 0.69 -0.28	35.79 0.76 -0.26	38.63 0.82 -0.37	42.03 0.77 -0.52	49.09 0.81 -0.82	53.81 0.73 -1.03	58.36 0.79 -1.45	52.79 0.81 -1.23	47.67 0.78 -0.73	39.66 0.65 -0.44	35.10 0.75 -0.28	32.24 0.68 -0.43
BROWNFLS_115KV_TB_3_5 80003	28.21 -1.26 -0.26	25.32 -1.11 -0.09	23.75 -1.09 0.00	23.35 -1.10 0.00	22.98 -1.11 0.00	22.42 -1.08 0.00	22.45 -0.94 0.00	21.86 -0.79 0.00	22.82 -1.00 0.00	24.41 -1.02 -0.03	26.88 -1.11 -0.12	29.45 -1.41 -0.28	31.81 -1.45 -0.25	33.43 -1.56 -0.23	36.12 -1.65 -0.33	39.40 -1.79 -0.46	46.20 -1.99 -0.73	51.56 -1.41 -0.92	56.18 -1.23 -1.29	50.98 -0.86 -1.10	46.12 -0.69 -0.65	38.26 -0.69 -0.39	33.57 -0.75 -0.25	30.70 -0.81 -0.38
BROWNSV1_27_KV_LOAD 356125	32.41 3.21 0.00	29.08 2.74 0.00	27.23 2.39 0.00	26.65 2.20 0.00	26.28 2.19 0.00	25.57 2.07 0.00	25.21 1.82 0.00	24.38 1.72 0.00	26.20 2.38 0.00	28.19 2.79 0.00	31.05 3.18 0.00	35.51 3.67 -1.27	36.75 3.73 0.00	38.81 4.03 -0.01	41.48 4.04 0.00	45.02 4.28 0.00	52.54 5.08 0.00	57.41 5.36 0.00	61.63 5.50 0.00	55.36 4.62 0.00	50.41 4.25 0.00	42.07 3.51 0.00	37.33 3.27 0.00	34.40 3.27 0.00
BURROWS___LYONSDAL 23803	29.57 0.15 -0.22	26.52 0.11 -0.07	24.94 0.10 0.00	24.50 0.05 0.00	24.06 -0.02 0.00	23.50 0.00 0.00	23.37 -0.02 0.00	22.64 -0.02 0.00	23.82 0.00 0.00	25.57 0.15 -0.03	28.14 0.17 -0.10	30.88 0.06 -0.24	33.30 0.07 -0.21	35.07 0.10 -0.20	37.87 0.15 -0.28	41.25 0.12 -0.39	48.18 0.09 -0.62	53.76 0.94 -0.78	58.51 1.29 -1.09	53.05 1.37 -0.93	48.00 1.29 -0.55	39.94 1.04 -0.33	35.10 0.82 -0.22	32.04 0.59 -0.32
CAITHNESS_CC_1 323624	36.87 3.36 -4.32	35.82 2.92 -6.55	33.46 2.56 -6.06	31.15 2.44 -4.26	27.38 2.41 -0.88	28.04 2.28 -2.26	25.38 1.99 0.00	24.56 1.90 0.00	32.03 2.55 -5.66	35.60 2.89 -7.31	38.42 3.29 -7.27	62.98 3.76 -28.64	45.42 3.89 -8.51	123.58 4.27 -84.54	134.34 4.42 -92.48	138.09 4.76 -92.58	145.56 5.69 -92.40	145.76 6.03 -87.68	138.70 6.40 -76.18	117.61 5.38 -61.48	53.94 4.62 -3.16	61.76 4.17 -19.03	40.86 3.51 -3.29	38.61 3.30 -4.18
CALPINE BETH_PAGE_GT4 24209	36.64 3.12 -4.32	35.64 2.74 -6.55	33.34 2.43 -6.06	31.00 2.30 -4.26	27.23 2.26 -0.88	27.92 2.16 -2.26	25.26 1.87 0.00	24.40 1.74 0.00	31.88 2.41 -5.66	35.45 2.74 -7.31	38.26 3.12 -7.27	44.48 3.49 -10.42	45.18 3.57 -8.60	50.61 3.86 -11.99	51.34 3.93 -9.97	52.71 4.20 -7.77	58.82 4.94 -6.42	63.03 5.26 -5.73	65.90 5.39 -4.38	56.23 4.57 -0.91	50.41 4.20 -0.05	45.35 3.47 -3.32	40.48 3.13 -3.29	38.52 3.21 -4.18
CALPINE_BETH_PAGE_GT_4 323586	36.64 3.13 -4.32	35.64 2.74 -6.55	33.34 2.44 -6.06	31.00 2.30 -4.26	27.23 2.26 -0.88	27.90 2.14 -2.26	25.24 1.85 0.00	24.43 1.77 0.00	31.88 2.40 -5.66	35.45 2.74 -7.31	38.23 3.09 -7.27	44.48 3.48 -10.42	45.18 3.57 -8.60	50.68 3.93 -11.99	51.46 4.04 -9.97	52.83 4.32 -7.77	59.06 5.17 -6.42	63.19 5.41 -5.73	66.17 5.67 -4.38	56.32 4.67 -0.91	50.27 4.06 -0.05	45.62 3.74 -3.32	40.59 3.24 -3.29	38.46 3.14 -4.18
CALPINE_BP_GT1 23823	36.64 3.13 -4.32	35.64 2.74 -6.55	33.34 2.44 -6.06	31.00 2.30 -4.26	27.23 2.26 -0.88	27.90 2.14 -2.26	25.24 1.85 0.00	24.43 1.77 0.00	31.88 2.40 -5.66	35.45 2.74 -7.31	38.23 3.09 -7.27	44.48 3.48 -10.42	45.18 3.57 -8.60	50.68 3.93 -11.99	51.46 4.04 -9.97	52.83 4.32 -7.77	59.06 5.17 -6.42	63.19 5.41 -5.73	66.17 5.67 -4.38	56.32 4.67 -0.91	50.27 4.06 -0.05	45.62 3.74 -3.32	40.59 3.24 -3.29	38.46 3.14 -4.18
CALSPAN___DRP 24200	29.00 -0.20 0.00	26.00 -0.34 0.00	24.60 -0.25 0.00	24.01 -0.44 0.00	23.61 -0.48 0.00	23.08 -0.42 0.00	22.80 -0.58 0.00	21.84 -0.82 0.00	23.13 -0.69 0.00	24.89 -0.51 0.00	27.42 -0.45 0.00	30.09 -0.49 0.00	32.92 -0.10 0.00	34.77 0.00 0.00	37.32 -0.11 0.00	40.33 -0.41 0.00	47.23 -0.24 0.00	50.49 -1.56 0.00	54.78 -1.35 0.00	49.93 -0.81 0.00	45.05 -1.11 0.00	38.29 -0.27 0.00	34.00 -0.07 0.00	30.72 -0.40 0.00

CALVERTON___SOLAR 323806	36.96 3.44 -4.32	35.90 3.00 -6.55	33.51 2.61 -6.06	31.17 2.47 -4.26	27.43 2.46 -0.88	28.09 2.33 -2.26	25.40 2.01 0.00	24.58 1.92 0.00	32.07 2.60 -5.66	35.65 2.94 -7.31	38.56 3.43 -7.27	63.35 3.97 -28.79	45.64 4.13 -8.50	124.48 4.55 -85.16	135.38 4.76 -93.19	139.14 5.09 -93.31	146.72 6.13 -93.13	146.93 6.51 -88.38	139.82 6.90 -76.79	118.53 5.78 -62.00	54.34 4.99 -3.19	62.16 4.43 -19.16	41.06 3.71 -3.29	38.74 3.42 -4.18
CANDIGU_WT_PWR 323617	29.60 0.23 -0.16	26.48 0.08 -0.05	24.94 0.10 0.00	24.40 -0.05 0.00	24.02 -0.07 0.00	23.43 -0.07 0.00	23.20 -0.19 0.00	22.39 -0.27 0.00	23.63 -0.19 0.00	25.41 0.00 -0.02	27.97 0.03 -0.08	30.85 0.09 -0.18	33.54 0.36 -0.15	35.36 0.45 -0.14	38.05 0.41 -0.20	41.19 0.16 -0.29	47.92 0.00 -0.45	52.26 -0.36 -0.57	56.59 -0.33 -0.80	51.48 0.05 -0.68	46.70 0.14 -0.40	38.77 -0.04 -0.24	34.70 0.48 -0.16	31.93 0.56 -0.24
CARR STREET_E_SYR 24060	29.49 -0.15 -0.43	26.33 -0.16 -0.14	24.67 -0.17 0.00	24.25 -0.20 0.00	23.87 -0.22 0.00	23.27 -0.24 0.00	23.08 -0.30 0.00	22.36 -0.30 0.00	23.56 -0.26 0.00	25.24 -0.20 -0.05	27.90 -0.17 -0.20	30.92 -0.12 -0.46	33.39 -0.03 -0.41	35.04 -0.10 -0.38	37.90 -0.07 -0.54	41.33 -0.16 -0.75	48.47 -0.19 -1.19	53.24 -0.31 -1.50	57.90 -0.33 -2.11	52.29 -0.25 -1.80	46.99 -0.23 -1.06	39.01 -0.19 -0.64	34.51 0.03 -0.42	31.75 0.00 -0.62
CARTHAGE___PAPER 23857	29.13 -0.61 -0.55	25.94 -0.58 -0.18	24.27 -0.57 0.00	23.81 -0.64 0.00	23.39 -0.70 0.00	22.82 -0.68 0.00	22.76 -0.63 0.00	22.02 -0.63 0.00	23.08 -0.74 0.00	24.80 -0.66 -0.06	27.37 -0.75 -0.26	30.16 -1.01 -0.59	32.45 -1.09 -0.52	34.07 -1.18 -0.49	36.92 -1.20 -0.69	40.39 -1.31 -0.96	47.56 -1.42 -1.52	53.44 -0.52 -1.92	58.81 0.00 -2.69	53.40 0.36 -2.29	47.98 0.46 -1.35	39.73 0.35 -0.82	34.76 0.17 -0.53	31.86 -0.06 -0.80
CASSADAGA_WT_PWR 323784	29.55 0.35 0.00	26.48 0.13 0.00	25.19 0.35 0.00	24.57 0.12 0.00	24.19 0.10 0.00	23.65 0.14 0.00	23.41 0.02 0.00	22.61 -0.05 0.00	23.87 0.05 0.00	25.80 0.41 0.00	28.45 0.59 0.00	31.19 0.61 0.00	34.11 1.09 0.00	36.02 1.25 0.00	38.75 1.31 0.00	41.63 0.90 0.00	48.22 0.76 0.00	52.10 0.05 0.00	56.24 0.11 0.00	51.36 0.61 0.00	46.76 0.60 0.00	38.80 0.23 0.00	34.98 0.92 0.00	32.12 1.00 0.00
CE_DUNWOOD___DRP 24194	31.77 2.57 0.00	28.58 2.24 0.00	26.81 1.96 0.00	26.28 1.83 0.00	25.92 1.83 0.00	25.22 1.72 0.00	24.86 1.47 0.00	24.04 1.38 0.00	25.77 1.95 0.00	27.66 2.26 0.00	30.43 2.56 0.00	33.54 2.97 0.00	36.02 3.00 0.00	37.96 3.20 0.00	40.69 3.26 0.00	44.24 3.50 0.00	51.55 4.08 0.00	56.37 4.32 0.00	60.56 4.43 0.00	54.50 3.76 0.00	49.58 3.42 0.00	41.34 2.78 0.00	36.62 2.55 0.00	33.71 2.58 0.00
CE_MILLWOOD___DRP 24193	31.68 2.48 0.00	28.50 2.16 0.00	26.76 1.91 0.00	26.23 1.78 0.00	25.85 1.76 0.00	25.17 1.67 0.00	24.82 1.43 0.00	23.99 1.34 0.00	25.70 1.88 0.00	27.58 2.18 0.00	30.35 2.48 0.00	33.42 2.84 0.00	35.89 2.87 0.00	37.86 3.09 0.00	40.62 3.18 0.00	44.12 3.38 0.00	51.41 3.94 0.00	56.26 4.22 0.00	60.39 4.27 0.00	54.35 3.60 0.00	49.44 3.28 0.00	41.26 2.70 0.00	36.55 2.49 0.00	33.62 2.49 0.00
CE_NYC2_DRP 24202	32.22 3.01 -0.01	28.93 2.58 0.00	27.08 2.24 0.00	26.55 2.10 0.00	26.16 2.07 0.00	25.46 1.95 0.00	25.03 1.64 0.00	24.18 1.52 0.00	25.99 2.17 0.00	27.96 2.57 0.00	30.86 2.98 -0.01	35.86 3.42 -1.85	36.52 3.50 0.00	38.46 3.69 -0.01	40.99 3.56 0.00	44.53 3.79 0.00	52.02 4.56 0.00	56.73 4.68 0.00	60.84 4.71 0.00	54.70 3.96 0.00	49.90 3.74 0.00	41.65 3.09 0.00	37.10 3.03 -0.01	34.19 3.05 -0.01
CE_NYC_DRP 24195	32.09 2.89 0.00	28.85 2.50 0.00	27.01 2.16 0.00	26.45 2.00 0.00	26.06 1.98 0.00	25.36 1.86 0.00	25.00 1.61 0.00	24.20 1.54 0.00	25.99 2.17 0.00	27.94 2.54 0.00	30.77 2.90 0.00	35.20 3.36 -1.26	36.42 3.40 0.00	38.42 3.65 -0.01	41.11 3.67 0.00	44.57 3.83 0.00	51.98 4.51 0.00	56.83 4.79 0.00	60.95 4.83 0.00	54.81 4.06 0.00	49.90 3.74 0.00	41.65 3.09 0.00	36.99 2.93 0.00	34.09 2.96 0.00
CHAFFEE___LFGE 323603	29.14 -0.06 0.00	26.05 -0.29 0.00	24.65 -0.20 0.00	24.03 -0.42 0.00	23.63 -0.46 0.00	23.10 -0.40 0.00	22.85 -0.54 0.00	22.00 -0.66 0.00	23.20 -0.62 0.00	25.04 -0.36 0.00	27.56 -0.31 0.00	30.21 -0.37 0.00	33.05 0.03 0.00	34.94 0.17 0.00	37.59 0.15 0.00	40.45 -0.28 0.00	46.90 -0.57 0.00	50.69 -1.35 0.00	54.61 -1.51 0.00	49.93 -0.81 0.00	45.42 -0.74 0.00	37.68 -0.89 0.00	34.03 -0.03 0.00	31.32 0.19 0.00
CHATEAUG_35_KV_LOAD 355732	28.12 -1.08 0.00	25.42 -0.92 0.00	23.90 -0.94 0.00	23.52 -0.93 0.00	23.29 -0.79 0.00	22.75 -0.75 0.00	22.92 -0.47 0.00	22.43 -0.23 0.00	23.34 -0.48 0.00	24.79 -0.61 0.00	27.20 -0.67 0.00	29.72 -0.86 0.00	32.09 -0.92 0.00	33.69 -1.08 0.00	36.31 -1.12 0.00	39.60 -1.14 0.00	46.33 -1.14 0.00	51.01 -1.04 0.00	55.17 -0.95 0.00	50.19 -0.56 0.00	45.70 -0.46 0.00	37.83 -0.73 0.00	33.28 -0.78 0.00	30.35 -0.78 0.00
CHATEAUG_WT_PWR 323614	28.15 -1.05 0.00	25.48 -0.87 0.00	23.95 -0.89 0.00	23.57 -0.88 0.00	23.34 -0.75 0.00	22.80 -0.70 0.00	23.01 -0.38 0.00	22.45 -0.20 0.00	23.41 -0.41 0.00	24.84 -0.56 0.00	27.28 -0.59 0.00	29.84 -0.73 0.00	32.19 -0.82 0.00	33.79 -0.97 0.00	36.43 -1.01 0.00	39.72 -1.02 0.00	46.47 -1.00 0.00	51.11 -0.94 0.00	55.29 -0.84 0.00	50.24 -0.51 0.00	45.74 -0.42 0.00	37.91 -0.66 0.00	33.35 -0.72 0.00	30.38 -0.75 0.00
CHAT_HIGH_FALL_HYD 323578	28.12 -1.08 0.00	25.42 -0.92 0.00	23.90 -0.94 0.00	23.52 -0.93 0.00	23.29 -0.79 0.00	22.75 -0.75 0.00	22.92 -0.47 0.00	22.43 -0.23 0.00	23.34 -0.48 0.00	24.79 -0.61 0.00	27.20 -0.67 0.00	29.72 -0.86 0.00	32.09 -0.92 0.00	33.69 -1.08 0.00	36.31 -1.12 0.00	39.60 -1.14 0.00	46.33 -1.14 0.00	51.01 -1.04 0.00	55.17 -0.95 0.00	50.19 -0.56 0.00	45.70 -0.46 0.00	37.83 -0.73 0.00	33.28 -0.78 0.00	30.35 -0.78 0.00
CHAUTAUQUA___LFGE 323629	29.46 0.26 0.00	26.40 0.05 0.00	24.99 0.15 0.00	24.40 -0.05 0.00	23.99 -0.10 0.00	23.46 -0.05 0.00	23.20 -0.19 0.00	22.41 -0.25 0.00	23.65 -0.17 0.00	25.52 0.13 0.00	28.12 0.25 0.00	30.82 0.24 0.00	33.68 0.66 0.00	35.60 0.83 0.00	38.26 0.82 0.00	41.19 0.45 0.00	47.70 0.24 0.00	51.58 -0.47 0.00	55.62 -0.51 0.00	50.85 0.10 0.00	46.25 0.09 0.00	38.37 -0.19 0.00	34.61 0.54 0.00	31.81 0.68 0.00
CHERRYST_13_KV_LD 356241	32.21 3.01 0.00	28.93 2.58 0.00	27.08 2.24 0.00	26.53 2.08 0.00	26.14 2.05 0.00	25.43 1.93 0.00	25.10 1.71 0.00	24.27 1.61 0.00	26.08 2.26 0.00	28.04 2.64 0.00	30.88 3.01 0.00	35.32 3.49 -1.26	36.55 3.53 0.00	38.56 3.79 -0.01	41.26 3.82 0.00	44.73 3.99 0.00	52.21 4.75 0.00	57.04 5.00 0.00	61.18 5.05 0.00	55.01 4.26 0.00	50.08 3.92 0.00	41.80 3.24 0.00	37.09 3.03 0.00	34.21 3.08 0.00

CHESTROR_138KV_BK263 355645	31.22 2.01 0.00	28.14 1.79 0.00	26.43 1.59 0.00	25.94 1.49 0.00	25.56 1.47 0.00	24.91 1.41 0.00	24.56 1.17 0.00	23.72 1.06 0.00	25.32 1.50 0.00	27.12 1.73 0.00	29.82 1.95 0.00	32.81 2.23 0.00	35.33 2.31 0.00	37.20 2.43 0.00	39.98 2.55 0.00	43.47 2.73 0.00	50.65 3.18 0.00	55.48 3.44 0.00	59.66 3.54 0.00	53.74 2.99 0.00	48.84 2.68 0.00	40.76 2.20 0.00	36.07 2.01 0.00	33.12 1.99 0.00
CH_MIDHUDSON___DRP 24192	31.51 2.31 0.00	28.40 2.05 0.00	26.68 1.84 0.00	26.18 1.74 0.00	25.80 1.71 0.00	25.13 1.62 0.00	24.77 1.38 0.00	23.90 1.25 0.00	25.51 1.69 0.00	27.35 1.96 0.00	30.07 2.20 0.00	33.12 2.54 0.00	35.69 2.67 0.00	37.62 2.85 0.00	40.43 2.99 0.00	44.00 3.26 0.00	51.31 3.84 0.00	56.21 4.16 0.00	60.39 4.27 0.00	54.35 3.60 0.00	49.44 3.28 0.00	41.22 2.66 0.00	36.48 2.42 0.00	33.46 2.33 0.00
CH_MISC_IPPS 23765	31.71 2.51 0.00	28.58 2.24 0.00	26.86 2.01 0.00	26.36 1.91 0.00	25.94 1.85 0.00	25.27 1.76 0.00	24.86 1.47 0.00	24.06 1.41 0.00	25.65 1.83 0.00	27.48 2.08 0.00	30.21 2.34 0.00	33.30 2.72 0.00	35.99 2.97 0.00	37.96 3.20 0.00	40.88 3.44 0.00	44.44 3.71 0.00	51.98 4.51 0.00	56.83 4.79 0.00	61.18 5.05 0.00	55.01 4.26 0.00	49.86 3.69 0.00	41.76 3.20 0.00	36.82 2.76 0.00	33.62 2.49 0.00
CH_RES_BVR_FALLS 23983	28.59 -0.61 0.00	25.79 -0.55 0.00	24.35 -0.50 0.00	23.98 -0.47 0.00	23.66 -0.43 0.00	23.10 -0.40 0.00	23.13 -0.26 0.00	22.45 -0.20 0.00	23.56 -0.26 0.00	25.07 -0.33 0.00	27.48 -0.39 0.00	30.12 -0.46 0.00	32.49 -0.53 0.00	34.21 -0.56 0.00	36.84 -0.60 0.00	40.13 -0.61 0.00	46.80 -0.66 0.00	51.37 -0.68 0.00	55.45 -0.67 0.00	50.24 -0.51 0.00	45.70 -0.46 0.00	38.10 -0.46 0.00	33.62 -0.44 0.00	30.72 -0.41 0.00
CH_RES_NIAGARA 23895	28.12 -1.08 0.00	25.19 -1.16 0.00	23.70 -1.14 0.00	23.13 -1.32 0.00	22.74 -1.35 0.00	22.24 -1.27 0.00	22.06 -1.33 0.00	21.00 -1.65 0.00	22.22 -1.60 0.00	23.90 -1.50 0.00	26.28 -1.59 0.00	28.80 -1.77 0.00	31.53 -1.49 0.00	33.27 -1.49 0.00	35.71 -1.72 0.00	38.54 -2.20 0.00	45.28 -2.18 0.00	48.30 -3.75 0.00	52.37 -3.76 0.00	47.80 -2.94 0.00	43.07 -3.09 0.00	36.71 -1.85 0.00	32.63 -1.43 0.00	29.48 -1.65 0.00
CH_RES_SYRACUSE 23985	30.02 0.03 -0.79	26.60 0.00 -0.26	24.82 -0.02 0.00	24.37 -0.07 0.00	23.99 -0.10 0.00	23.39 -0.12 0.00	23.23 -0.16 0.00	22.50 -0.16 0.00	23.70 -0.12 0.00	25.46 -0.03 -0.09	28.24 0.00 -0.37	31.49 0.06 -0.85	33.93 0.17 -0.75	35.64 0.17 -0.70	38.69 0.26 -0.99	42.33 0.20 -1.38	49.85 0.19 -2.20	54.92 0.10 -2.77	60.12 0.11 -3.88	54.21 0.15 -3.31	48.30 0.19 -1.96	39.90 0.15 -1.18	35.10 0.27 -0.76	32.50 0.22 -1.15
CLINTON_WT_PWR 323605	28.15 -1.05 0.00	25.48 -0.87 0.00	23.95 -0.89 0.00	23.57 -0.88 0.00	23.34 -0.75 0.00	22.80 -0.70 0.00	23.01 -0.38 0.00	22.45 -0.20 0.00	23.41 -0.41 0.00	24.84 -0.56 0.00	27.28 -0.59 0.00	29.84 -0.73 0.00	32.19 -0.82 0.00	33.79 -0.97 0.00	36.43 -1.01 0.00	39.72 -1.02 0.00	46.47 -1.00 0.00	51.11 -0.94 0.00	55.29 -0.84 0.00	50.24 -0.51 0.00	45.74 -0.42 0.00	37.91 -0.66 0.00	33.35 -0.72 0.00	30.38 -0.75 0.00
CLINTON___LFGE 323618	28.41 -0.79 0.00	25.74 -0.60 0.00	24.18 -0.67 0.00	23.76 -0.68 0.00	23.56 -0.53 0.00	23.01 -0.49 0.00	23.23 -0.16 0.00	22.73 0.07 0.00	23.68 -0.14 0.00	25.14 -0.25 0.00	27.59 -0.28 0.00	30.18 -0.40 0.00	32.56 -0.46 0.00	34.17 -0.59 0.00	36.84 -0.60 0.00	40.21 -0.53 0.00	47.14 -0.33 0.00	51.89 -0.16 0.00	56.07 -0.06 0.00	51.05 0.31 0.00	46.53 0.37 0.00	38.41 -0.15 0.00	33.76 -0.31 0.00	30.76 -0.37 0.00
COBBLENY_34_KV_TB1 80064	29.08 -0.12 0.00	26.05 -0.29 0.00	24.67 -0.17 0.00	24.06 -0.39 0.00	23.65 -0.43 0.00	23.13 -0.38 0.00	22.85 -0.54 0.00	21.91 -0.75 0.00	23.18 -0.64 0.00	24.96 -0.43 0.00	27.51 -0.36 0.00	30.21 -0.37 0.00	33.05 0.03 0.00	34.94 0.17 0.00	37.47 0.04 0.00	40.49 -0.24 0.00	47.42 -0.05 0.00	50.75 -1.30 0.00	55.06 -1.07 0.00	50.19 -0.56 0.00	45.28 -0.88 0.00	38.45 -0.12 0.00	34.13 0.07 0.00	30.82 -0.31 0.00
COFFEEN___115KV_TB3 355620	29.73 -0.15 -0.67	26.38 -0.18 -0.22	24.65 -0.20 0.00	24.18 -0.27 0.00	23.70 -0.39 0.00	23.11 -0.40 0.00	22.97 -0.42 0.00	22.18 -0.48 0.00	23.25 -0.57 0.00	24.99 -0.48 -0.08	27.65 -0.53 -0.31	30.62 -0.67 -0.72	32.89 -0.76 -0.63	34.56 -0.80 -0.59	37.45 -0.82 -0.84	41.01 -0.90 -1.17	48.33 -1.00 -1.86	54.34 -0.05 -2.34	60.08 0.67 -3.28	54.56 1.01 -2.80	48.92 1.11 -1.65	40.57 1.00 -1.00	35.39 0.68 -0.65	32.44 0.34 -0.97
COLDSPRG_115KV_BK1 355956	29.76 0.55 0.00	26.71 0.37 0.00	25.29 0.45 0.00	24.69 0.24 0.00	24.28 0.19 0.00	23.76 0.26 0.00	23.48 0.09 0.00	22.57 -0.09 0.00	23.94 0.12 0.00	25.80 0.41 0.00	28.45 0.59 0.00	31.28 0.70 0.00	34.17 1.16 0.00	36.12 1.36 0.00	38.52 1.09 0.00	41.63 0.90 0.00	48.56 1.09 0.00	52.05 0.00 0.00	56.57 0.45 0.00	51.51 0.76 0.00	46.53 0.37 0.00	39.41 0.85 0.00	35.09 1.02 0.00	31.72 0.59 0.00
COLONIE_LFGE___ 323577	30.66 1.46 0.00	27.71 1.37 0.00	26.19 1.34 0.00	25.74 1.29 0.00	25.34 1.25 0.00	24.70 1.20 0.00	24.33 0.94 0.00	23.50 0.84 0.00	24.96 1.14 0.00	26.56 1.17 0.00	29.09 1.22 0.00	31.96 1.38 0.00	34.47 1.45 0.00	36.26 1.49 0.00	39.08 1.65 0.00	42.73 2.00 0.00	49.74 2.28 0.00	54.54 2.50 0.00	58.93 2.81 0.00	53.23 2.49 0.00	48.38 2.22 0.00	40.45 1.89 0.00	35.63 1.57 0.00	32.53 1.40 0.00
COOPERNY_115KV_TB1 80082	30.69 1.49 0.00	27.66 1.32 0.00	26.01 1.17 0.00	25.57 1.12 0.00	25.17 1.08 0.00	24.54 1.03 0.00	24.23 0.84 0.00	23.43 0.77 0.00	24.91 1.10 0.00	26.69 1.30 0.00	29.29 1.42 0.00	32.23 1.65 0.00	34.70 1.68 0.00	36.57 1.81 0.00	39.27 1.83 0.00	42.69 1.96 0.00	49.70 2.23 0.00	54.49 2.45 0.00	58.65 2.53 0.00	52.88 2.13 0.00	48.10 1.94 0.00	40.18 1.62 0.00	35.53 1.46 0.00	32.59 1.46 0.00
COPENHAGEN_WT_PWR 323753	29.49 -0.41 -0.70	26.18 -0.39 -0.23	24.45 -0.40 0.00	23.98 -0.47 0.00	23.54 -0.55 0.00	22.94 -0.56 0.00	22.83 -0.56 0.00	22.07 -0.59 0.00	23.13 -0.69 0.00	24.89 -0.58 -0.08	27.53 -0.67 -0.33	30.51 -0.82 -0.75	32.79 -0.89 -0.66	34.45 -0.94 -0.62	37.34 -0.97 -0.88	40.87 -1.10 -1.23	48.18 -1.23 -1.95	54.03 -0.47 -2.45	59.57 0.00 -3.44	54.04 0.36 -2.94	48.40 0.51 -1.74	40.04 0.42 -1.05	35.05 0.31 -0.68	32.24 0.09 -1.02
CORNELL_____ 23752	30.46 0.85 -0.41	27.22 0.74 -0.13	25.49 0.65 0.00	25.03 0.59 0.00	24.62 0.53 0.00	24.02 0.52 0.00	23.83 0.44 0.00	23.00 0.34 0.00	24.22 0.40 0.00	25.95 0.51 -0.05	28.62 0.56 -0.19	31.72 0.70 -0.44	34.27 0.86 -0.39	36.07 0.94 -0.37	39.00 1.05 -0.52	42.56 1.10 -0.72	49.99 1.38 -1.14	54.95 1.46 -1.44	60.00 1.85 -2.02	54.30 1.83 -1.72	48.84 1.66 -1.02	40.68 1.50 -0.62	35.82 1.36 -0.40	32.79 1.06 -0.60

CORONA__69_KV_TB1 355595	36.82 3.30 -4.32	35.74 2.85 -6.55	33.44 2.53 -6.06	31.10 2.40 -4.26	27.30 2.34 -0.88	27.99 2.23 -2.26	25.35 1.96 0.00	24.49 1.84 0.00	31.95 2.48 -5.66	35.58 2.87 -7.31	38.40 3.26 -7.27	44.53 3.76 -10.19	45.55 3.86 -8.67	49.80 4.14 -10.89	50.36 4.19 -8.73	51.75 4.52 -6.49	57.81 5.22 -5.13	62.06 5.52 -4.49	65.15 5.72 -3.30	55.57 4.82 0.00	50.55 4.39 0.00	45.46 3.82 -3.08	40.86 3.51 -3.28	38.71 3.39 -4.18
CORTLAND__115KV_TB3 80093	30.28 0.67 -0.41	27.06 0.58 -0.13	25.37 0.52 0.00	24.91 0.46 0.00	24.52 0.43 0.00	23.93 0.42 0.00	23.72 0.33 0.00	22.91 0.25 0.00	24.13 0.31 0.00	25.87 0.43 -0.05	28.53 0.47 -0.19	31.60 0.58 -0.44	34.13 0.73 -0.39	35.93 0.80 -0.36	38.81 0.86 -0.51	42.35 0.90 -0.71	49.69 1.09 -1.13	54.62 1.15 -1.43	59.59 1.46 -2.00	53.83 1.37 -1.71	48.42 1.25 -1.01	40.33 1.16 -0.61	35.51 1.06 -0.39	32.53 0.81 -0.59
COXSACKIE__GT 23611	31.51 2.31 0.00	28.50 2.16 0.00	27.03 2.19 0.00	26.62 2.18 0.00	26.18 2.09 0.00	25.60 2.09 0.00	25.10 1.71 0.00	24.09 1.43 0.00	25.27 1.45 0.00	26.74 1.35 0.00	29.26 1.39 0.00	32.05 1.47 0.00	35.03 2.01 0.00	36.54 1.77 0.00	39.61 2.17 0.00	43.38 2.65 0.00	51.03 3.56 0.00	56.42 4.37 0.00	61.23 5.11 0.00	55.47 4.72 0.00	50.32 4.16 0.00	41.84 3.28 0.00	36.72 2.66 0.00	33.53 2.40 0.00
CPV_VALLEY__CC1 323721	30.92 1.72 0.00	27.90 1.55 0.00	26.24 1.39 0.00	25.74 1.29 0.00	25.36 1.28 0.00	24.70 1.20 0.00	24.35 0.96 0.00	23.59 0.93 0.00	25.15 1.33 0.00	26.92 1.52 0.00	29.57 1.70 0.00	32.54 1.96 0.00	35.03 2.01 0.00	36.96 2.19 0.00	39.68 2.25 0.00	43.14 2.40 0.00	50.36 2.90 0.00	55.06 3.02 0.00	59.27 3.14 0.00	53.33 2.59 0.00	48.42 2.26 0.00	40.61 2.04 0.00	35.83 1.77 0.00	32.78 1.65 0.00
CPV_VALLEY__CC2 323722	30.92 1.72 0.00	27.90 1.55 0.00	26.24 1.39 0.00	25.74 1.29 0.00	25.36 1.28 0.00	24.70 1.20 0.00	24.35 0.96 0.00	23.59 0.93 0.00	25.15 1.33 0.00	26.92 1.52 0.00	29.57 1.70 0.00	32.54 1.96 0.00	35.03 2.01 0.00	36.96 2.19 0.00	39.68 2.25 0.00	43.14 2.40 0.00	50.36 2.90 0.00	55.06 3.02 0.00	59.27 3.14 0.00	53.33 2.59 0.00	48.42 2.26 0.00	40.61 2.04 0.00	35.83 1.77 0.00	32.78 1.65 0.00
CRESCENT__HYD 24018	30.66 1.46 0.00	27.71 1.37 0.00	26.19 1.34 0.00	25.74 1.29 0.00	25.34 1.25 0.00	24.70 1.20 0.00	24.33 0.94 0.00	23.50 0.84 0.00	24.96 1.14 0.00	26.56 1.17 0.00	29.09 1.22 0.00	31.96 1.38 0.00	34.47 1.45 0.00	36.26 1.49 0.00	39.08 1.65 0.00	42.73 2.00 0.00	49.74 2.28 0.00	54.54 2.50 0.00	58.93 2.81 0.00	53.23 2.49 0.00	48.38 2.22 0.00	40.45 1.89 0.00	35.63 1.57 0.00	32.53 1.40 0.00
CRICKET__VALLEY_CC1 323756	31.16 1.96 0.00	28.11 1.77 0.00	26.44 1.59 0.00	25.96 1.52 0.00	25.58 1.49 0.00	24.89 1.39 0.00	24.49 1.10 0.00	23.72 1.07 0.00	25.34 1.53 0.00	27.07 1.68 0.00	29.68 1.81 0.00	32.66 2.08 0.00	35.13 2.12 0.00	37.02 2.26 0.00	39.83 2.40 0.00	43.47 2.73 0.00	50.65 3.18 0.00	55.43 3.38 0.00	59.66 3.54 0.00	53.69 2.94 0.00	48.70 2.54 0.00	40.88 2.31 0.00	36.04 1.97 0.00	32.96 1.84 0.00
CRICKET__VALLEY_CC2 323757	31.16 1.96 0.00	28.11 1.77 0.00	26.44 1.59 0.00	25.96 1.52 0.00	25.58 1.49 0.00	24.89 1.39 0.00	24.49 1.10 0.00	23.72 1.07 0.00	25.34 1.53 0.00	27.07 1.68 0.00	29.68 1.81 0.00	32.66 2.08 0.00	35.13 2.12 0.00	37.02 2.26 0.00	39.83 2.40 0.00	43.47 2.73 0.00	50.65 3.18 0.00	55.43 3.38 0.00	59.66 3.54 0.00	53.69 2.94 0.00	48.70 2.54 0.00	40.88 2.31 0.00	36.04 1.97 0.00	32.96 1.84 0.00
CRICKET__VALLEY_CC3 323758	31.16 1.96 0.00	28.11 1.77 0.00	26.44 1.59 0.00	25.96 1.52 0.00	25.58 1.49 0.00	24.89 1.39 0.00	24.49 1.10 0.00	23.72 1.07 0.00	25.34 1.53 0.00	27.07 1.68 0.00	29.68 1.81 0.00	32.66 2.08 0.00	35.13 2.12 0.00	37.02 2.26 0.00	39.83 2.40 0.00	43.47 2.73 0.00	50.65 3.18 0.00	55.43 3.38 0.00	59.66 3.54 0.00	53.69 2.94 0.00	48.70 2.54 0.00	40.88 2.31 0.00	36.04 1.97 0.00	32.96 1.84 0.00
CRUCIBLE_METL_DRP 24180	29.99 0.00 -0.79	26.60 0.00 -0.26	24.82 -0.02 0.00	24.37 -0.07 0.00	23.99 -0.10 0.00	23.41 -0.09 0.00	23.23 -0.16 0.00	22.50 -0.16 0.00	23.70 -0.12 0.00	25.44 -0.05 -0.09	28.24 0.00 -0.37	31.49 0.06 -0.85	33.93 0.17 -0.75	35.64 0.17 -0.70	38.65 0.22 -0.99	42.33 0.20 -1.38	49.90 0.24 -2.20	54.92 0.10 -2.77	60.18 0.17 -3.88	54.21 0.15 -3.31	48.26 0.14 -1.96	40.02 0.27 -1.18	35.10 0.27 -0.76	32.40 0.12 -1.15
DAHOWA__HYDRO 323763	31.10 1.90 0.00	28.11 1.77 0.00	26.46 1.61 0.00	26.01 1.57 0.00	25.58 1.49 0.00	24.96 1.46 0.00	24.56 1.17 0.00	23.70 1.04 0.00	25.18 1.36 0.00	26.84 1.45 0.00	29.37 1.50 0.00	32.23 1.65 0.00	34.83 1.81 0.00	36.61 1.84 0.00	39.49 2.06 0.00	43.14 2.40 0.00	50.27 2.80 0.00	55.22 3.18 0.00	60.00 3.87 0.00	54.35 3.60 0.00	49.53 3.37 0.00	41.34 2.78 0.00	36.31 2.25 0.00	33.06 1.93 0.00
DANC__LFGE 323619	29.67 -0.41 -0.88	26.21 -0.42 -0.29	24.42 -0.42 0.00	23.98 -0.47 0.00	23.58 -0.51 0.00	22.97 -0.54 0.00	22.83 -0.56 0.00	22.09 -0.57 0.00	23.18 -0.64 0.00	24.94 -0.56 -0.10	27.67 -0.61 -0.41	30.79 -0.73 -0.95	33.09 -0.76 -0.83	34.75 -0.80 -0.78	37.68 -0.86 -1.10	41.30 -0.98 -1.54	48.77 -1.14 -2.44	54.39 -0.73 -3.08	60.05 -0.39 -4.32	54.27 -0.15 -3.68	48.34 0.00 -2.18	39.95 0.08 -1.31	34.98 0.07 -0.85	32.38 -0.03 -1.28
DANSKAMMER__1 23586	31.71 2.51 0.00	28.58 2.24 0.00	26.86 2.01 0.00	26.36 1.91 0.00	25.94 1.85 0.00	25.27 1.76 0.00	24.86 1.47 0.00	24.06 1.41 0.00	25.65 1.83 0.00	27.48 2.08 0.00	30.21 2.34 0.00	33.30 2.72 0.00	35.99 2.97 0.00	37.96 3.20 0.00	40.88 3.44 0.00	44.44 3.71 0.00	51.98 4.51 0.00	56.83 4.79 0.00	61.18 5.05 0.00	55.01 4.26 0.00	49.86 3.69 0.00	41.76 3.20 0.00	36.82 2.76 0.00	33.62 2.49 0.00
DANSKAMMER__2 23589	31.71 2.51 0.00	28.58 2.24 0.00	26.86 2.01 0.00	26.36 1.91 0.00	25.94 1.85 0.00	25.27 1.76 0.00	24.86 1.47 0.00	24.06 1.41 0.00	25.65 1.83 0.00	27.48 2.08 0.00	30.21 2.34 0.00	33.30 2.72 0.00	35.99 2.97 0.00	37.96 3.20 0.00	40.88 3.44 0.00	44.44 3.71 0.00	51.98 4.51 0.00	56.83 4.79 0.00	61.18 5.05 0.00	55.01 4.26 0.00	49.86 3.69 0.00	41.76 3.20 0.00	36.82 2.76 0.00	33.62 2.49 0.00
DANSKAMMER__3 23590	31.71 2.51 0.00	28.58 2.24 0.00	26.86 2.01 0.00	26.36 1.91 0.00	25.94 1.85 0.00	25.27 1.76 0.00	24.86 1.47 0.00	24.06 1.41 0.00	25.65 1.83 0.00	27.48 2.08 0.00	30.21 2.34 0.00	33.30 2.72 0.00	35.99 2.97 0.00	37.96 3.20 0.00	40.88 3.44 0.00	44.44 3.71 0.00	51.98 4.51 0.00	56.83 4.79 0.00	61.18 5.05 0.00	55.01 4.26 0.00	49.86 3.69 0.00	41.76 3.20 0.00	36.82 2.76 0.00	33.62 2.49 0.00

DANSKAMMER___4 23591	31.71 2.51 0.00	28.58 2.24 0.00	26.86 2.01 0.00	26.36 1.91 0.00	25.94 1.85 0.00	25.27 1.76 0.00	24.86 1.47 0.00	24.06 1.41 0.00	25.65 1.83 0.00	27.48 2.08 0.00	30.21 2.34 0.00	33.30 2.72 0.00	35.99 2.97 0.00	37.96 3.20 0.00	40.88 3.44 0.00	44.44 3.71 0.00	51.98 4.51 0.00	56.83 4.79 0.00	61.18 5.05 0.00	55.01 4.26 0.00	49.86 3.69 0.00	41.76 3.20 0.00	36.82 2.76 0.00	33.62 2.49 0.00
DANSKAMMER___DIESEL 23592	31.71 2.51 0.00	28.58 2.24 0.00	26.86 2.01 0.00	26.33 1.88 0.00	25.94 1.85 0.00	25.29 1.79 0.00	24.91 1.52 0.00	24.04 1.38 0.00	25.63 1.81 0.00	27.48 2.08 0.00	30.24 2.37 0.00	33.30 2.72 0.00	35.99 2.97 0.00	37.89 3.13 0.00	40.77 3.33 0.00	44.36 3.63 0.00	51.79 4.32 0.00	56.73 4.68 0.00	60.95 4.83 0.00	54.86 4.11 0.00	49.85 3.69 0.00	41.57 3.01 0.00	36.75 2.69 0.00	33.68 2.55 0.00
DARBY___SOLAR 323810	31.01 1.81 0.00	28.03 1.69 0.00	26.39 1.54 0.00	25.94 1.49 0.00	25.53 1.45 0.00	24.91 1.41 0.00	24.51 1.12 0.00	23.65 1.00 0.00	25.13 1.31 0.00	26.82 1.42 0.00	29.34 1.48 0.00	32.20 1.62 0.00	34.80 1.78 0.00	36.57 1.81 0.00	39.46 2.02 0.00	43.06 2.32 0.00	50.22 2.75 0.00	55.12 3.07 0.00	59.83 3.70 0.00	54.15 3.40 0.00	49.30 3.14 0.00	41.15 2.58 0.00	36.18 2.11 0.00	32.96 1.84 0.00
DASHVILLE___HYD 23610	31.45 2.25 0.00	28.32 1.98 0.00	26.58 1.74 0.00	26.11 1.66 0.00	25.73 1.64 0.00	25.06 1.55 0.00	24.63 1.24 0.00	23.77 1.11 0.00	25.34 1.52 0.00	27.22 1.83 0.00	29.96 2.09 0.00	33.02 2.45 0.00	35.63 2.61 0.00	37.48 2.71 0.00	40.28 2.85 0.00	43.83 3.10 0.00	51.17 3.70 0.00	56.05 4.01 0.00	60.17 4.04 0.00	54.20 3.45 0.00	49.21 3.05 0.00	41.11 2.55 0.00	36.38 2.32 0.00	33.37 2.24 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	37.43 3.91 -4.32	36.24 3.35 -6.55	33.78 2.88 -6.06	31.44 2.74 -4.26	27.64 2.67 -0.88	28.35 2.59 -2.26	25.66 2.27 0.00	24.79 2.13 0.00	32.41 2.93 -5.66	36.14 3.43 -7.31	39.29 4.15 -7.27	64.36 4.92 -28.86	46.70 5.18 -8.50	125.81 5.63 -85.41	136.82 5.91 -93.47	140.65 6.31 -93.60	148.35 7.45 -93.43	148.62 7.91 -88.66	141.42 8.25 -77.04	119.91 6.95 -62.21	55.59 6.23 -3.20	62.87 5.09 -19.22	41.54 4.19 -3.29	39.27 3.95 -4.18
DELAWARE___LFGE 323621	30.59 1.26 -0.13	27.49 1.11 -0.04	25.89 1.04 0.00	25.50 1.05 0.00	25.10 1.01 0.00	24.47 0.96 0.00	24.18 0.80 0.00	23.31 0.66 0.00	24.68 0.86 0.00	26.43 1.02 -0.02	29.07 1.14 -0.06	32.03 1.31 -0.14	34.56 1.42 -0.12	36.41 1.53 -0.12	39.21 1.61 -0.17	42.64 1.67 -0.23	49.68 1.85 -0.37	54.69 2.19 -0.46	59.13 2.36 -0.65	53.43 2.13 -0.55	48.43 1.94 -0.33	40.42 1.66 -0.20	35.62 1.43 -0.13	32.60 1.28 -0.19
DERFIELD_115KV_TB7 355931	29.49 0.29 0.00	26.61 0.26 0.00	25.09 0.25 0.00	24.69 0.24 0.00	24.33 0.24 0.00	23.74 0.24 0.00	23.55 0.16 0.00	22.79 0.14 0.00	24.03 0.21 0.00	25.62 0.23 0.00	28.12 0.25 0.00	30.85 0.28 0.00	33.32 0.30 0.00	35.11 0.35 0.00	37.81 0.37 0.00	41.10 0.37 0.00	47.85 0.38 0.00	52.52 0.47 0.00	56.69 0.56 0.00	51.20 0.46 0.00	46.58 0.42 0.00	38.91 0.35 0.00	34.37 0.31 0.00	31.44 0.31 0.00
DOGLEVILLE___HYD 23807	30.28 1.08 0.00	27.32 0.98 0.00	25.79 0.94 0.00	25.35 0.91 0.00	24.93 0.84 0.00	24.33 0.82 0.00	24.14 0.75 0.00	23.34 0.68 0.00	24.60 0.78 0.00	26.26 0.86 0.00	28.84 0.97 0.00	31.65 1.07 0.00	34.11 1.09 0.00	35.95 1.18 0.00	38.71 1.27 0.00	42.04 1.30 0.00	48.89 1.42 0.00	53.76 1.72 0.00	58.09 1.96 0.00	52.57 1.82 0.00	47.78 1.61 0.00	39.95 1.39 0.00	35.36 1.29 0.00	32.31 1.18 0.00
DUNKIRK___115KV_TB_200 55889	29.38 0.18 0.00	26.37 0.03 0.00	24.97 0.12 0.00	24.37 -0.07 0.00	23.97 -0.12 0.00	23.46 -0.05 0.00	23.18 -0.21 0.00	22.27 -0.39 0.00	23.58 -0.24 0.00	25.42 0.03 0.00	28.01 0.14 0.00	30.76 0.18 0.00	33.61 0.59 0.00	35.50 0.73 0.00	38.07 0.64 0.00	41.10 0.37 0.00	48.08 0.62 0.00	51.47 -0.57 0.00	55.90 -0.22 0.00	50.90 0.15 0.00	45.98 -0.18 0.00	38.99 0.42 0.00	34.61 0.55 0.00	31.25 0.12 0.00
DUNKIRK___1 23563	29.38 0.18 0.00	26.37 0.03 0.00	24.97 0.12 0.00	24.37 -0.07 0.00	23.97 -0.12 0.00	23.46 -0.05 0.00	23.18 -0.21 0.00	22.27 -0.39 0.00	23.58 -0.24 0.00	25.42 0.03 0.00	28.01 0.14 0.00	30.76 0.18 0.00	33.61 0.59 0.00	35.50 0.73 0.00	38.07 0.64 0.00	41.10 0.37 0.00	48.08 0.62 0.00	51.47 -0.57 0.00	55.90 -0.22 0.00	50.90 0.15 0.00	45.98 -0.18 0.00	38.99 0.42 0.00	34.61 0.55 0.00	31.25 0.12 0.00
DUNKIRK___2 23564	29.38 0.18 0.00	26.37 0.03 0.00	24.97 0.12 0.00	24.37 -0.07 0.00	23.97 -0.12 0.00	23.46 -0.05 0.00	23.18 -0.21 0.00	22.27 -0.39 0.00	23.58 -0.24 0.00	25.42 0.03 0.00	28.01 0.14 0.00	30.76 0.18 0.00	33.61 0.59 0.00	35.50 0.73 0.00	38.07 0.64 0.00	41.10 0.37 0.00	48.08 0.62 0.00	51.47 -0.57 0.00	55.90 -0.22 0.00	50.90 0.15 0.00	45.98 -0.18 0.00	38.99 0.42 0.00	34.61 0.55 0.00	31.25 0.12 0.00
DUNKIRK___3 23565	29.23 0.03 0.00	26.21 -0.13 0.00	24.82 -0.02 0.00	24.23 -0.22 0.00	23.82 -0.26 0.00	23.32 -0.19 0.00	23.04 -0.35 0.00	22.11 -0.54 0.00	23.41 -0.40 0.00	25.22 -0.18 0.00	27.76 -0.11 0.00	30.49 -0.09 0.00	33.35 0.33 0.00	35.22 0.45 0.00	37.74 0.30 0.00	40.78 0.04 0.00	47.70 0.24 0.00	51.11 -0.94 0.00	55.45 -0.67 0.00	50.49 -0.25 0.00	45.61 -0.55 0.00	38.68 0.12 0.00	34.34 0.27 0.00	31.04 -0.09 0.00
DUNKIRK___4 23566	29.23 0.03 0.00	26.21 -0.13 0.00	24.82 -0.02 0.00	24.23 -0.22 0.00	23.82 -0.26 0.00	23.32 -0.19 0.00	23.04 -0.35 0.00	22.11 -0.54 0.00	23.41 -0.40 0.00	25.22 -0.18 0.00	27.76 -0.11 0.00	30.49 -0.09 0.00	33.35 0.33 0.00	35.22 0.45 0.00	37.74 0.30 0.00	40.78 0.04 0.00	47.70 0.24 0.00	51.11 -0.94 0.00	55.45 -0.67 0.00	50.49 -0.25 0.00	45.61 -0.55 0.00	38.68 0.12 0.00	34.34 0.27 0.00	31.04 -0.09 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.86 2.66 0.00	28.64 2.29 0.00	26.88 2.04 0.00	26.33 1.88 0.00	25.97 1.88 0.00	25.29 1.79 0.00	24.93 1.54 0.00	24.11 1.45 0.00	25.84 2.02 0.00	27.76 2.36 0.00	30.54 2.68 0.00	33.67 3.09 0.00	36.15 3.14 0.00	38.10 3.34 0.00	40.84 3.41 0.00	44.36 3.63 0.00	51.69 4.22 0.00	56.57 4.53 0.00	60.73 4.60 0.00	54.65 3.91 0.00	49.72 3.55 0.00	41.49 2.93 0.00	36.75 2.69 0.00	33.81 2.68 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.45 2.25 0.00	28.35 2.00 0.00	26.63 1.79 0.00	26.13 1.69 0.00	25.73 1.64 0.00	25.08 1.57 0.00	24.70 1.31 0.00	23.86 1.20 0.00	25.44 1.62 0.00	27.30 1.90 0.00	30.01 2.15 0.00	33.02 2.45 0.00	35.63 2.61 0.00	37.51 2.75 0.00	40.32 2.88 0.00	43.83 3.10 0.00	51.12 3.65 0.00	56.05 4.01 0.00	60.22 4.10 0.00	54.25 3.50 0.00	49.30 3.14 0.00	41.11 2.55 0.00	36.38 2.32 0.00	33.37 2.24 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	32.19 2.98 -0.01	29.01 2.66 -0.01	27.19 2.34 -0.01	26.63 2.18 -0.01	26.26 2.17 -0.01	25.50 2.00 0.00	25.00 1.61 0.00	24.11 1.45 0.00	25.89 2.07 0.00	27.91 2.51 0.00	30.80 2.93 -0.01	35.15 3.30 -1.27	36.45 3.43 0.00	38.35 3.58 -0.01	40.84 3.41 0.00	44.32 3.58 0.00	51.93 4.46 0.00	56.68 4.63 0.00	60.78 4.66 0.00	54.60 3.86 0.00	49.81 3.65 0.00	41.57 3.01 0.00	37.14 3.07 -0.01	34.16 3.02 -0.01
E179THST_13_KV_LOAD 356214	32.39 3.18 -0.01	29.20 2.85 -0.01	27.34 2.48 -0.01	26.75 2.30 -0.01	26.38 2.29 -0.01	25.62 2.12 0.00	25.14 1.75 0.00	24.22 1.56 0.00	26.03 2.22 0.00	28.06 2.67 0.00	31.00 3.12 -0.01	35.37 3.52 -1.27	36.68 3.67 0.00	38.60 3.82 -0.01	41.11 3.67 0.00	44.61 3.87 0.00	52.31 4.84 0.00	57.04 5.00 0.00	61.18 5.05 0.00	54.96 4.21 0.00	50.13 3.97 0.00	41.84 3.28 0.00	37.38 3.30 -0.01	34.37 3.24 -0.01
EAST HAMPTON___GT 23717	37.46 3.94 -4.32	36.24 3.35 -6.55	33.76 2.86 -6.06	31.42 2.71 -4.26	27.59 2.63 -0.88	28.28 2.52 -2.26	25.59 2.20 0.00	24.81 2.15 0.00	32.48 3.00 -5.66	36.21 3.51 -7.31	39.48 4.35 -7.27	64.66 5.23 -28.86	47.03 5.51 -8.50	126.31 6.12 -85.43	137.40 6.48 -93.49	141.28 6.93 -93.62	149.12 8.21 -93.45	149.26 8.54 -88.68	142.11 8.92 -77.06	120.38 7.41 -62.22	55.59 6.23 -3.20	63.26 5.47 -19.22	41.68 4.33 -3.29	39.24 3.92 -4.18
EAST RIVER___6 23660	32.06 2.86 0.00	28.79 2.45 0.00	26.96 2.11 0.00	26.38 1.93 0.00	25.97 1.88 0.00	25.24 1.74 0.00	24.89 1.50 0.00	24.15 1.50 0.00	25.94 2.12 0.00	27.83 2.44 0.00	30.68 2.81 0.00	35.11 3.27 -1.26	36.32 3.30 0.00	38.42 3.65 -0.01	41.14 3.71 0.00	44.65 3.91 0.00	52.21 4.75 0.00	56.83 4.79 0.00	61.07 4.94 0.00	54.81 4.06 0.00	49.86 3.69 0.00	41.84 3.28 0.00	37.03 2.96 0.00	33.93 2.80 0.00
EAST RIVER___7 23524	32.06 2.86 0.00	28.79 2.45 0.00	26.96 2.11 0.00	26.38 1.93 0.00	25.97 1.88 0.00	25.24 1.74 0.00	24.89 1.50 0.00	24.15 1.50 0.00	25.94 2.12 0.00	27.83 2.44 0.00	30.68 2.81 0.00	35.11 3.27 -1.26	36.32 3.30 0.00	38.42 3.65 -0.01	41.14 3.71 0.00	44.65 3.91 0.00	52.21 4.75 0.00	56.83 4.79 0.00	61.07 4.94 0.00	54.81 4.06 0.00	49.86 3.69 0.00	41.84 3.28 0.00	37.03 2.96 0.00	33.93 2.80 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.77 2.57 0.00	28.58 2.24 0.00	26.81 1.96 0.00	26.28 1.83 0.00	25.92 1.83 0.00	25.22 1.72 0.00	24.86 1.47 0.00	24.04 1.38 0.00	25.77 1.95 0.00	27.66 2.26 0.00	30.43 2.56 0.00	33.54 2.97 0.00	36.02 3.00 0.00	37.96 3.20 0.00	40.69 3.26 0.00	44.24 3.50 0.00	51.55 4.08 0.00	56.37 4.32 0.00	60.56 4.43 0.00	54.50 3.76 0.00	49.58 3.42 0.00	41.34 2.78 0.00	36.62 2.55 0.00	33.71 2.58 0.00
EAST_HAMPTON___DIESEL 23722	37.40 3.88 -4.32	36.19 3.29 -6.55	33.71 2.81 -6.06	31.37 2.67 -4.26	27.55 2.58 -0.88	28.23 2.47 -2.26	25.54 2.15 0.00	24.77 2.11 0.00	32.43 2.95 -5.66	36.16 3.45 -7.31	39.42 4.29 -7.27	64.61 5.17 -28.86	46.96 5.45 -8.50	126.24 6.05 -85.43	137.32 6.40 -93.49	141.19 6.84 -93.61	149.03 8.11 -93.45	149.15 8.43 -88.67	141.99 8.81 -77.05	120.28 7.31 -62.22	55.50 6.14 -3.20	63.18 5.40 -19.22	41.61 4.26 -3.29	39.17 3.86 -4.18
EAST_POINT___SOLAR 323840	31.77 2.57 0.00	28.72 2.37 0.00	26.96 2.11 0.00	26.48 2.03 0.00	25.99 1.90 0.00	25.29 1.79 0.00	24.58 1.19 0.00	23.07 0.41 0.00	24.27 0.45 0.00	25.88 0.48 0.00	28.45 0.59 0.00	31.25 0.67 0.00	33.81 0.79 0.00	35.70 0.94 0.00	38.52 1.09 0.00	41.96 1.22 0.00	48.89 1.42 0.00	54.96 2.91 0.00	61.51 5.39 0.00	56.38 5.63 0.00	51.28 5.12 0.00	42.65 4.09 0.00	37.50 3.44 0.00	33.99 2.86 0.00
EAST_PULASKI___ESR 323781	30.08 -0.38 -1.26	26.39 -0.37 -0.41	24.47 -0.37 0.00	24.03 -0.42 0.00	23.66 -0.43 0.00	23.03 -0.47 0.00	22.87 -0.51 0.00	22.14 -0.52 0.00	23.29 -0.52 0.00	25.06 -0.48 -0.14	27.93 -0.53 -0.59	31.38 -0.55 -1.35	33.65 -0.56 -1.19	35.29 -0.59 -1.12	38.38 -0.64 -1.58	42.08 -0.86 -2.20	49.96 -1.00 -3.49	55.52 -0.94 -4.41	61.52 -0.79 -6.18	55.41 -0.61 -5.27	48.81 -0.46 -3.11	40.25 -0.19 -1.88	35.18 -0.10 -1.22	32.83 -0.12 -1.83
EAST_RIVER___1 323558	32.09 2.89 0.00	28.85 2.50 0.00	27.01 2.16 0.00	26.45 2.01 0.00	26.06 1.98 0.00	25.34 1.83 0.00	24.98 1.59 0.00	24.24 1.59 0.00	26.01 2.19 0.00	27.91 2.51 0.00	30.74 2.87 0.00	35.20 3.36 -1.26	36.42 3.40 0.00	38.49 3.72 -0.01	41.26 3.82 0.00	44.77 4.03 0.00	52.36 4.89 0.00	57.04 5.00 0.00	61.35 5.22 0.00	55.06 4.31 0.00	49.99 3.83 0.00	41.96 3.39 0.00	37.13 3.07 0.00	33.99 2.86 0.00
EAST_RIVER___2 323559	32.06 2.86 0.00	28.79 2.45 0.00	26.96 2.11 0.00	26.38 1.93 0.00	25.97 1.88 0.00	25.24 1.74 0.00	24.89 1.50 0.00	24.15 1.50 0.00	25.94 2.12 0.00	27.83 2.44 0.00	30.68 2.81 0.00	35.11 3.27 -1.26	36.32 3.30 0.00	38.42 3.65 -0.01	41.14 3.71 0.00	44.65 3.91 0.00	52.21 4.75 0.00	56.83 4.79 0.00	61.07 4.94 0.00	54.81 4.06 0.00	49.86 3.69 0.00	41.84 3.28 0.00	37.03 2.96 0.00	33.93 2.80 0.00
EAST___DELAWARE_HYD 23607	30.72 1.52 0.00	27.69 1.34 0.00	25.99 1.14 0.00	25.50 1.05 0.00	25.10 1.01 0.00	24.45 0.94 0.00	24.07 0.68 0.00	23.29 0.63 0.00	24.75 0.93 0.00	26.51 1.12 0.00	29.15 1.28 0.00	32.11 1.53 0.00	34.70 1.68 0.00	35.74 0.97 0.00	38.45 1.01 0.00	41.84 1.10 0.00	48.98 1.52 0.00	53.76 1.72 0.00	57.97 1.85 0.00	52.12 1.37 0.00	47.27 1.11 0.00	40.57 2.00 0.00	35.77 1.70 0.00	32.59 1.46 0.00
EIGHT_POINT___WT_PWR 323820	29.95 0.58 -0.16	26.79 0.40 -0.05	25.22 0.37 0.00	24.64 0.19 0.00	24.26 0.17 0.00	23.69 0.19 0.00	23.48 0.09 0.00	22.66 0.00 0.00	23.89 0.07 0.00	25.72 0.31 -0.02	28.28 0.34 -0.08	31.18 0.43 -0.18	33.96 0.79 -0.16	35.85 0.94 -0.15	38.54 0.90 -0.21	41.68 0.65 -0.29	48.54 0.62 -0.46	52.94 0.31 -0.57	57.44 0.50 -0.81	52.30 0.86 -0.69	47.40 0.83 -0.41	39.35 0.54 -0.25	35.34 1.12 -0.16	32.46 1.09 -0.24
ELBRIDGE_115KV_TB2 80188	29.95 -0.09 -0.84	26.51 -0.11 -0.27	24.72 -0.12 0.00	24.30 -0.15 0.00	23.92 -0.17 0.00	23.34 -0.16 0.00	23.16 -0.23 0.00	22.41 -0.25 0.00	23.60 -0.21 0.00	25.34 -0.15 -0.10	28.12 -0.14 -0.39	31.39 -0.09 -0.90	33.81 0.00 -0.79	35.54 0.03 -0.74	38.52 0.04 -1.05	42.20 0.00 -1.47	49.84 0.05 -2.33	54.82 -0.16 -2.93	60.18 -0.06 -4.11	54.25 0.00 -3.51	48.19 -0.05 -2.07	39.93 0.12 -1.25	34.98 0.10 -0.81	32.35 0.00 -1.22
ELEC_TRO_TEK 24086	36.55 3.04 -4.32	35.56 2.66 -6.55	33.26 2.36 -6.06	30.93 2.22 -4.26	27.16 2.19 -0.88	27.83 2.07 -2.26	25.21 1.82 0.00	24.36 1.70 0.00	31.81 2.33 -5.66	35.38 2.67 -7.31	38.17 3.04 -7.27	44.26 3.49 -10.19	45.25 3.57 -8.67	49.48 3.82 -10.89	50.10 3.93 -8.73	51.39 4.16 -6.49	57.48 4.89 -5.13	61.74 5.20 -4.49	64.76 5.33 -3.30	55.26 4.52 0.00	50.27 4.11 0.00	45.08 3.43 -3.08	40.48 3.13 -3.28	38.43 3.11 -4.18

ELLENBURG_WT_PWR 323604	28.15 -1.05 0.00	25.48 -0.87 0.00	23.95 -0.89 0.00	23.57 -0.88 0.00	23.34 -0.75 0.00	22.80 -0.70 0.00	23.01 -0.38 0.00	22.45 -0.20 0.00	23.41 -0.41 0.00	24.84 -0.56 0.00	27.28 -0.59 0.00	29.84 -0.73 0.00	32.19 -0.82 0.00	33.79 -0.97 0.00	36.43 -1.01 0.00	39.72 -1.02 0.00	46.47 -1.00 0.00	51.11 -0.94 0.00	55.29 -0.84 0.00	50.24 -0.51 0.00	45.74 -0.42 0.00	37.91 -0.66 0.00	33.35 -0.72 0.00	30.38 -0.75 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	28.85 -0.35 0.00	25.84 -0.50 0.00	24.47 -0.37 0.00	23.89 -0.56 0.00	23.49 -0.60 0.00	22.96 -0.54 0.00	22.69 -0.70 0.00	21.73 -0.93 0.00	22.99 -0.83 0.00	24.74 -0.66 0.00	27.23 -0.64 0.00	29.91 -0.67 0.00	32.69 -0.33 0.00	34.52 -0.24 0.00	37.06 -0.37 0.00	40.05 -0.69 0.00	46.94 -0.52 0.00	50.17 -1.87 0.00	54.39 -1.74 0.00	49.63 -1.12 0.00	44.73 -1.43 0.00	38.02 -0.54 0.00	33.79 -0.27 0.00	30.51 -0.62 0.00
EMPIRE_CC_1 323656	30.25 1.05 0.00	27.35 1.00 0.00	25.99 1.14 0.00	25.57 1.13 0.00	25.17 1.08 0.00	24.51 1.01 0.00	24.14 0.75 0.00	23.22 0.57 0.00	24.70 0.88 0.00	26.26 0.86 0.00	28.76 0.89 0.00	31.56 0.98 0.00	34.04 1.02 0.00	35.74 0.97 0.00	38.52 1.09 0.00	42.08 1.34 0.00	48.94 1.47 0.00	53.66 1.62 0.00	57.87 1.74 0.00	52.22 1.47 0.00	47.41 1.25 0.00	39.76 1.20 0.00	35.02 0.95 0.00	32.06 0.93 0.00
EMPIRE_CC_2 323658	30.25 1.05 0.00	27.35 1.00 0.00	25.99 1.14 0.00	25.57 1.13 0.00	25.17 1.08 0.00	24.51 1.01 0.00	24.14 0.75 0.00	23.22 0.57 0.00	24.70 0.88 0.00	26.26 0.86 0.00	28.76 0.89 0.00	31.56 0.98 0.00	34.04 1.02 0.00	35.74 0.97 0.00	38.52 1.09 0.00	42.08 1.34 0.00	48.94 1.47 0.00	53.66 1.62 0.00	57.87 1.74 0.00	52.22 1.47 0.00	47.41 1.25 0.00	39.76 1.20 0.00	35.02 0.95 0.00	32.06 0.93 0.00
ENORWICH_115KV_TB1 80156	32.02 2.51 -0.31	28.68 2.24 -0.10	26.91 2.06 0.00	26.40 1.96 0.00	25.85 1.76 0.00	25.24 1.74 0.00	25.03 1.64 0.00	24.09 1.43 0.00	25.30 1.48 0.00	27.11 1.68 -0.04	29.85 1.84 -0.14	33.02 2.11 -0.33	35.75 2.44 -0.29	37.71 2.68 -0.27	40.74 2.92 -0.38	44.25 2.97 -0.54	51.74 3.42 -0.85	57.70 4.58 -1.07	63.19 5.56 -1.51	57.41 5.38 -1.28	51.81 4.89 -0.76	43.15 4.13 -0.46	37.90 3.54 -0.30	34.44 2.86 -0.45
ERIE_ST_34_KV_TB1-2 80199	29.11 -0.09 0.00	26.11 -0.24 0.00	24.70 -0.15 0.00	24.11 -0.34 0.00	23.68 -0.41 0.00	23.15 -0.35 0.00	22.87 -0.51 0.00	21.89 -0.77 0.00	23.18 -0.64 0.00	24.96 -0.43 0.00	27.53 -0.33 0.00	30.24 -0.34 0.00	33.12 0.10 0.00	34.97 0.21 0.00	37.51 0.07 0.00	40.58 -0.16 0.00	47.51 0.05 0.00	50.80 -1.25 0.00	55.12 -1.01 0.00	50.19 -0.56 0.00	45.33 -0.83 0.00	38.45 -0.12 0.00	34.13 0.07 0.00	30.88 -0.25 0.00
ERIE_WT_PWR 323693	29.08 -0.12 0.00	26.00 -0.34 0.00	24.60 -0.25 0.00	24.01 -0.44 0.00	23.61 -0.48 0.00	23.08 -0.42 0.00	22.81 -0.58 0.00	21.96 -0.70 0.00	23.15 -0.67 0.00	24.99 -0.41 0.00	27.48 -0.39 0.00	30.12 -0.46 0.00	32.95 -0.07 0.00	34.80 0.03 0.00	37.40 -0.04 0.00	40.29 -0.45 0.00	46.70 -0.76 0.00	50.54 -1.51 0.00	54.39 -1.74 0.00	49.78 -0.97 0.00	45.24 -0.92 0.00	37.56 -1.00 0.00	33.93 -0.14 0.00	31.25 0.13 0.00
ESPRGFLD_115KV_TB1 80157	30.95 1.75 0.00	27.90 1.55 0.00	26.24 1.39 0.00	25.79 1.34 0.00	25.34 1.25 0.00	24.73 1.22 0.00	24.35 0.96 0.00	23.36 0.70 0.00	24.68 0.86 0.00	26.46 1.07 0.00	29.09 1.23 0.00	31.98 1.41 0.00	34.57 1.55 0.00	36.47 1.70 0.00	39.27 1.83 0.00	42.65 1.91 0.00	49.60 2.14 0.00	55.01 2.97 0.00	59.94 3.82 0.00	54.45 3.70 0.00	49.53 3.37 0.00	41.26 2.70 0.00	36.38 2.32 0.00	33.03 1.90 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.45 0.82 -0.43	27.20 0.71 -0.14	25.47 0.62 0.00	25.01 0.56 0.00	24.59 0.51 0.00	24.00 0.49 0.00	23.79 0.40 0.00	22.98 0.32 0.00	24.20 0.38 0.00	25.93 0.48 -0.05	28.60 0.53 -0.20	31.68 0.64 -0.46	34.25 0.83 -0.40	36.01 0.87 -0.38	38.94 0.97 -0.53	42.50 1.02 -0.75	49.93 1.28 -1.18	54.94 1.41 -1.49	59.96 1.74 -2.09	54.26 1.73 -1.78	48.79 1.57 -1.05	40.63 1.43 -0.64	35.77 1.29 -0.41	32.74 1.00 -0.62
ETNA____115KV_TB2 80207	30.45 0.82 -0.43	27.20 0.71 -0.14	25.47 0.62 0.00	25.01 0.56 0.00	24.59 0.51 0.00	24.00 0.49 0.00	23.79 0.40 0.00	22.98 0.32 0.00	24.20 0.38 0.00	25.93 0.48 -0.05	28.60 0.53 -0.20	31.68 0.64 -0.46	34.25 0.83 -0.40	36.01 0.87 -0.38	38.94 0.97 -0.53	42.50 1.02 -0.75	49.93 1.28 -1.18	54.94 1.41 -1.49	59.96 1.74 -2.09	54.26 1.73 -1.78	48.79 1.57 -1.05	40.63 1.43 -0.64	35.77 1.29 -0.41	32.74 1.00 -0.62
EUCLID____115KV_TB2 356179	29.27 -0.29 -0.36	26.17 -0.29 -0.12	24.55 -0.30 0.00	24.13 -0.32 0.00	23.75 -0.34 0.00	23.18 -0.33 0.00	22.99 -0.40 0.00	22.25 -0.41 0.00	23.46 -0.36 0.00	25.11 -0.33 -0.04	27.70 -0.33 -0.17	30.66 -0.31 -0.39	33.13 -0.23 -0.34	34.84 -0.24 -0.32	37.63 -0.26 -0.45	41.04 -0.33 -0.63	48.14 -0.33 -1.00	52.79 -0.52 -1.26	57.39 -0.51 -1.77	51.80 -0.46 -1.51	46.64 -0.42 -0.89	38.87 -0.23 -0.54	34.24 -0.17 -0.35	31.41 -0.25 -0.53
E_CANADA_CAP_HY 24051	31.30 2.10 0.00	28.27 1.92 0.00	26.56 1.71 0.00	26.11 1.66 0.00	25.65 1.56 0.00	25.01 1.51 0.00	24.51 1.12 0.00	23.40 0.75 0.00	24.70 0.88 0.00	26.36 0.96 0.00	28.98 1.12 0.00	31.83 1.25 0.00	34.40 1.39 0.00	36.33 1.57 0.00	39.20 1.76 0.00	42.65 1.92 0.00	49.65 2.18 0.00	55.27 3.23 0.00	60.73 4.60 0.00	55.32 4.57 0.00	50.32 4.16 0.00	41.84 3.28 0.00	36.89 2.83 0.00	33.46 2.34 0.00
E_CANADA_MHWK_HY 24050	30.28 1.08 0.00	27.32 0.98 0.00	25.79 0.94 0.00	25.35 0.91 0.00	24.93 0.84 0.00	24.33 0.82 0.00	24.14 0.75 0.00	23.34 0.68 0.00	24.60 0.78 0.00	26.26 0.86 0.00	28.84 0.97 0.00	31.65 1.07 0.00	34.11 1.09 0.00	35.95 1.18 0.00	38.71 1.27 0.00	42.04 1.30 0.00	48.89 1.42 0.00	53.76 1.72 0.00	58.09 1.96 0.00	52.57 1.82 0.00	47.78 1.61 0.00	39.95 1.39 0.00	35.36 1.29 0.00	32.31 1.18 0.00
E_FISHKILL____LBMP 23776	31.39 2.19 0.00	28.27 1.92 0.00	26.56 1.71 0.00	26.09 1.64 0.00	25.70 1.61 0.00	25.03 1.53 0.00	24.68 1.29 0.00	23.84 1.18 0.00	25.49 1.67 0.00	27.30 1.90 0.00	30.01 2.15 0.00	33.02 2.45 0.00	35.53 2.51 0.00	37.44 2.68 0.00	40.21 2.77 0.00	43.71 2.97 0.00	50.93 3.47 0.00	55.74 3.70 0.00	59.94 3.82 0.00	53.94 3.20 0.00	49.07 2.91 0.00	40.95 2.39 0.00	36.24 2.18 0.00	33.31 2.18 0.00
FALCON____SEABRD_CC1 323796	28.44 -0.76 0.00	25.76 -0.58 0.00	24.20 -0.65 0.00	23.81 -0.64 0.00	23.58 -0.51 0.00	23.06 -0.45 0.00	23.25 -0.14 0.00	22.73 0.07 0.00	23.70 -0.12 0.00	25.14 -0.25 0.00	27.62 -0.25 0.00	30.21 -0.37 0.00	32.59 -0.43 0.00	34.21 -0.56 0.00	36.88 -0.56 0.00	40.21 -0.53 0.00	47.14 -0.33 0.00	51.84 -0.21 0.00	56.01 -0.11 0.00	50.95 0.20 0.00	46.44 0.28 0.00	38.37 -0.19 0.00	33.76 -0.31 0.00	30.76 -0.37 0.00

FALCON___SEABRD_CC2 323797	28.44 -0.76 0.00	25.76 -0.58 0.00	24.20 -0.65 0.00	23.81 -0.64 0.00	23.58 -0.51 0.00	23.06 -0.45 0.00	23.25 -0.14 0.00	22.73 0.07 0.00	23.70 -0.12 0.00	25.14 -0.25 0.00	27.62 -0.25 0.00	30.21 -0.37 0.00	32.59 -0.43 0.00	34.21 -0.56 0.00	36.88 -0.56 0.00	40.21 -0.53 0.00	47.14 -0.33 0.00	51.84 -0.21 0.00	56.01 -0.11 0.00	50.95 0.20 0.00	46.44 0.28 0.00	38.37 -0.19 0.00	33.76 -0.31 0.00	30.76 -0.37 0.00
FAR ROCKAWAY___4 23548	37.11 3.59 -4.32	36.00 3.11 -6.55	33.66 2.76 -6.06	31.32 2.62 -4.26	27.52 2.55 -0.88	28.21 2.44 -2.26	25.54 2.15 0.00	24.67 2.02 0.00	32.17 2.69 -5.66	35.83 3.12 -7.31	38.73 3.60 -7.27	44.93 4.16 -10.19	46.01 4.33 -8.67	50.32 4.66 -10.89	50.81 4.64 -8.73	52.20 4.97 -6.49	58.00 5.41 -5.13	62.26 5.73 -4.49	65.32 5.89 -3.30	55.72 4.97 0.00	50.68 4.52 0.00	45.97 4.32 -3.08	41.26 3.92 -3.28	39.08 3.77 -4.18
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	32.12 2.92 0.00	28.85 2.50 0.00	27.03 2.19 0.00	26.48 2.03 0.00	26.09 2.00 0.00	25.39 1.88 0.00	25.03 1.64 0.00	24.22 1.56 0.00	26.01 2.19 0.00	27.96 2.57 0.00	30.79 2.93 -1.27	35.24 3.39 0.00	36.45 3.43 0.00	38.46 3.69 -0.01	41.14 3.71 0.00	44.61 3.87 0.00	52.02 4.56 0.00	56.89 4.84 0.00	61.01 4.88 0.00	54.86 4.11 0.00	49.95 3.79 0.00	41.69 3.12 0.00	36.99 2.93 0.00	34.09 2.96 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	32.12 2.92 0.00	28.85 2.50 0.00	27.03 2.19 0.00	26.48 2.03 0.00	26.09 2.00 0.00	25.39 1.88 0.00	25.03 1.64 0.00	24.22 1.56 0.00	26.01 2.19 0.00	27.96 2.57 0.00	30.79 2.93 -1.27	35.24 3.39 0.00	36.45 3.43 0.00	38.46 3.69 -0.01	41.14 3.71 0.00	44.61 3.87 0.00	52.02 4.56 0.00	56.89 4.84 0.00	61.01 4.88 0.00	54.86 4.11 0.00	49.95 3.79 0.00	41.73 3.16 0.00	37.03 2.96 0.00	34.12 2.99 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	32.09 2.89 0.00	28.82 2.48 0.00	27.01 2.16 0.00	26.45 2.00 0.00	26.06 1.98 0.00	25.36 1.86 0.00	25.03 1.64 0.00	24.20 1.54 0.00	25.99 2.17 0.00	27.94 2.54 0.00	30.77 2.90 0.00	35.21 3.36 -1.27	36.42 3.40 0.00	38.42 3.65 -0.01	41.11 3.67 0.00	44.57 3.83 0.00	51.98 4.51 0.00	56.83 4.79 0.00	60.95 4.83 0.00	54.81 4.06 0.00	49.90 3.74 0.00	41.65 3.09 0.00	36.96 2.90 0.00	34.09 2.96 0.00
FARRAGUT___LBMP 323566	32.06 2.86 0.00	28.82 2.48 0.00	26.98 2.14 0.00	26.43 1.98 0.00	26.06 1.98 0.00	25.36 1.86 0.00	25.00 1.61 0.00	24.18 1.52 0.00	25.96 2.14 0.00	27.91 2.51 0.00	30.74 2.87 0.00	35.18 3.33 -1.27	36.39 3.37 0.00	38.39 3.62 -0.01	41.07 3.63 0.00	44.53 3.79 0.00	51.93 4.46 0.00	56.78 4.74 0.00	60.90 4.77 0.00	54.76 4.01 0.00	49.85 3.69 0.00	41.61 3.05 0.00	36.96 2.90 0.00	34.05 2.93 0.00
FENNER___WINDPWR 24204	30.25 0.73 -0.32	27.08 0.63 -0.11	25.42 0.57 0.00	24.96 0.51 0.00	24.54 0.46 0.00	23.95 0.45 0.00	23.76 0.37 0.00	22.97 0.32 0.00	24.20 0.38 0.00	25.91 0.48 -0.04	28.58 0.56 -0.15	31.57 0.64 -0.35	34.08 0.76 -0.31	35.88 0.83 -0.29	38.78 0.94 -0.40	42.24 0.94 -0.56	49.40 1.04 -0.89	54.63 1.46 -1.13	59.39 1.68 -1.58	53.72 1.62 -1.35	48.48 1.52 -0.80	40.28 1.23 -0.48	35.50 1.12 -0.31	32.53 0.93 -0.47
FIBERTEK___ENERGY 23856	29.99 0.00 -0.79	26.60 0.00 -0.26	24.82 -0.02 0.00	24.37 -0.07 0.00	23.99 -0.10 0.00	23.41 -0.09 0.00	23.23 -0.16 0.00	22.50 -0.16 0.00	23.70 -0.12 0.00	25.44 -0.05 -0.09	28.24 0.00 -0.37	31.49 0.06 -0.85	33.93 0.17 -0.75	35.64 0.17 -0.70	38.65 0.22 -0.99	42.33 0.20 -1.38	49.90 0.24 -2.20	54.92 0.10 -2.77	60.18 0.17 -3.88	54.21 0.15 -3.31	48.26 0.14 -1.96	40.02 0.27 -1.18	35.10 0.27 -0.76	32.40 0.12 -1.15
FITZPATRICK___ 23598	24.01 -0.79 4.40	24.17 -0.74 1.44	24.15 -0.70 0.00	23.74 -0.71 0.00	23.39 -0.70 0.00	22.82 -0.68 0.00	22.66 -0.73 0.00	21.96 -0.70 0.00	23.08 -0.74 0.00	24.16 -0.74 0.50	25.00 -0.81 2.06	25.00 -0.86 4.72	28.00 -0.86 4.16	30.00 -0.87 3.90	31.00 -0.93 5.50	32.00 -1.06 7.68	34.00 -1.28 12.19	35.22 -1.46 15.37	33.00 -1.57 21.55	31.00 -1.37 18.38	34.10 -1.20 10.86	31.00 -1.00 6.56	29.00 -0.82 4.25	24.00 -0.75 6.38
FLOWRFLD_69_KV_BK1 356044	36.99 3.47 -4.32	35.93 3.03 -6.55	33.59 2.68 -6.06	31.25 2.54 -4.26	27.47 2.51 -0.88	28.16 2.40 -2.26	25.49 2.11 0.00	24.63 1.97 0.00	32.12 2.64 -5.66	35.73 3.02 -7.31	38.56 3.43 -7.27	69.58 3.88 -35.11	45.36 3.96 -8.38	149.56 4.24 -110.55	163.88 4.38 -122.06	168.45 4.73 -122.98	176.19 5.51 -123.22	175.03 5.93 -117.05	164.27 6.23 -101.92	139.32 5.38 -83.20	55.34 4.89 -4.28	67.16 3.93 -24.66	40.89 3.54 -3.29	38.77 3.46 -4.18
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.80 2.60 0.00	28.64 2.29 0.00	26.91 2.06 0.00	26.40 1.96 0.00	25.99 1.90 0.00	25.34 1.83 0.00	24.96 1.57 0.00	24.09 1.43 0.00	25.68 1.86 0.00	27.53 2.13 0.00	30.29 2.42 0.00	33.36 2.78 0.00	36.09 3.07 0.00	38.00 3.23 0.00	40.92 3.48 0.00	44.49 3.75 0.00	51.93 4.46 0.00	56.89 4.84 0.00	61.12 5.00 0.00	55.01 4.26 0.00	49.99 3.83 0.00	41.69 3.12 0.00	36.86 2.79 0.00	33.77 2.65 0.00
FORT ORANGE___ 23900	30.31 1.11 0.00	27.42 1.08 0.00	26.04 1.19 0.00	25.65 1.20 0.00	25.24 1.16 0.00	24.63 1.13 0.00	24.23 0.84 0.00	23.38 0.72 0.00	24.80 0.98 0.00	26.26 0.86 0.00	28.73 0.86 0.00	31.53 0.95 0.00	34.07 1.06 0.00	35.70 0.94 0.00	38.52 1.09 0.00	42.04 1.30 0.00	49.03 1.56 0.00	53.87 1.82 0.00	58.14 2.02 0.00	52.52 1.78 0.00	47.68 1.52 0.00	39.91 1.35 0.00	35.12 1.06 0.00	32.19 1.06 0.00
FORT_DRUM_COGEN 23780	29.37 -0.47 -0.63	26.10 -0.45 -0.21	24.40 -0.45 0.00	23.93 -0.51 0.00	23.46 -0.63 0.00	22.92 -0.59 0.00	22.78 -0.61 0.00	22.05 -0.61 0.00	23.10 -0.71 0.00	24.83 -0.63 -0.07	27.47 -0.70 -0.30	30.37 -0.89 -0.68	32.63 -0.99 -0.60	34.28 -1.04 -0.56	37.14 -1.09 -0.79	40.66 -1.18 -1.10	47.89 -1.33 -1.75	53.74 -0.52 -2.21	59.28 0.06 -3.10	53.85 0.46 -2.64	48.28 0.55 -1.56	40.05 0.54 -0.94	34.98 0.31 -0.61	32.08 0.03 -0.92
FOX_HILLS___ESR 323835	40.07 3.04 -7.84	29.05 2.69 -0.02	27.21 2.36 -0.01	26.66 2.20 -0.01	26.26 2.17 -0.01	25.53 2.02 -0.01	25.05 1.66 0.00	24.13 1.47 0.00	25.96 2.14 0.00	27.99 2.59 -0.01	41.93 3.01 -11.05	39.89 3.52 -5.80	36.64 3.57 -0.06	38.61 3.82 -0.02	41.03 3.59 0.00	44.57 3.83 0.00	52.21 4.75 0.00	56.94 4.89 0.00	61.06 4.94 0.00	54.91 4.16 0.00	50.04 3.88 0.00	41.69 3.12 0.00	37.34 3.17 -0.11	34.39 3.14 -0.11
FPL FAR_ROCK_GT1 24212	37.11 3.59 -4.32	36.00 3.11 -6.55	33.66 2.76 -6.06	31.32 2.62 -4.26	27.52 2.55 -0.88	28.18 2.42 -2.26	25.52 2.13 0.00	24.70 2.04 0.00	32.19 2.71 -5.66	35.81 3.10 -7.31	38.70 3.57 -7.27	44.93 4.16 -10.19	46.01 4.32 -8.67	50.39 4.73 -10.89	50.92 4.76 -8.73	52.32 5.09 -6.49	58.24 5.65 -5.13	62.42 5.88 -4.49	65.60 6.17 -3.30	55.87 5.12 0.00	50.64 4.48 0.00	46.23 4.59 -3.08	41.40 4.05 -3.28	39.02 3.70 -4.18

FPL_FAR_ROCK_GT2 23815	37.11 3.59 -4.32	36.00 3.11 -6.55	33.66 2.76 -6.06	31.32 2.62 -4.26	27.52 2.55 -0.88	28.18 2.42 -2.26	25.52 2.13 0.00	24.70 2.04 0.00	32.19 2.71 -5.66	35.81 3.10 -7.31	38.70 3.57 -7.27	44.93 4.16 -10.19	46.01 4.32 -8.67	50.39 4.73 -10.89	50.92 4.76 -8.73	52.32 5.09 -6.49	58.24 5.65 -5.13	62.42 5.88 -4.49	65.60 6.17 -3.30	55.87 5.12 0.00	50.64 4.48 0.00	46.23 4.59 -3.08	41.40 4.05 -3.28	39.02 3.70 -4.18
FRANKLIN_FALL_HYD 24054	28.09 -1.11 0.00	25.42 -0.92 0.00	23.88 -0.97 0.00	23.49 -0.95 0.00	23.25 -0.84 0.00	22.71 -0.80 0.00	22.90 -0.49 0.00	22.45 -0.20 0.00	23.37 -0.45 0.00	24.84 -0.56 0.00	27.26 -0.61 0.00	29.78 -0.80 0.00	32.16 -0.86 0.00	33.76 -1.01 0.00	36.39 -1.05 0.00	39.68 -1.06 0.00	46.47 -1.00 0.00	51.21 -0.83 0.00	55.34 -0.79 0.00	50.39 -0.36 0.00	45.93 -0.23 0.00	37.91 -0.66 0.00	33.35 -0.72 0.00	30.38 -0.75 0.00
FREEPORT_EQUS_GT1 23764	36.82 3.30 -4.32	35.79 2.90 -6.55	33.46 2.56 -6.06	31.13 2.42 -4.26	27.35 2.39 -0.88	28.00 2.23 -2.26	25.35 1.96 0.00	24.54 1.88 0.00	32.00 2.52 -5.66	35.58 2.87 -7.31	38.42 3.29 -7.27	44.56 3.79 -10.19	45.62 3.93 -8.67	49.97 4.31 -10.89	50.51 4.34 -8.73	51.71 4.48 -6.49	58.00 5.41 -5.13	62.16 5.62 -4.49	65.32 5.89 -3.30	55.62 4.87 0.00	50.55 4.39 0.00	45.81 4.17 -3.08	40.99 3.65 -3.28	38.71 3.39 -4.18
FREEPORT___CT2 23818	36.82 3.30 -4.32	35.79 2.90 -6.55	33.46 2.56 -6.06	31.13 2.42 -4.26	27.35 2.39 -0.88	28.00 2.23 -2.26	25.35 1.96 0.00	24.54 1.88 0.00	32.00 2.52 -5.66	35.58 2.87 -7.31	38.42 3.29 -7.27	44.56 3.79 -10.19	45.62 3.93 -8.67	49.97 4.31 -10.89	50.51 4.34 -8.73	51.71 4.48 -6.49	58.00 5.41 -5.13	62.16 5.62 -4.49	65.32 5.89 -3.30	55.62 4.87 0.00	50.55 4.39 0.00	45.81 4.17 -3.08	40.99 3.65 -3.28	38.71 3.39 -4.18
FRESHKLS_33_KV_LOAD 356253	36.22 3.01 -4.02	29.05 2.69 -0.02	27.24 2.39 -0.01	26.66 2.20 -0.01	26.29 2.19 -0.01	25.53 2.02 -0.01	25.00 1.61 0.00	24.09 1.43 0.00	25.91 2.10 0.01	27.93 2.54 0.00	36.50 2.98 -5.65	37.34 3.49 -3.28	36.57 3.53 -0.02	38.52 3.75 0.00	40.99 3.56 0.01	41.10 3.79 3.43	42.02 4.70 10.15	42.18 4.89 14.76	43.63 4.94 17.43	42.07 4.11 12.78	41.78 3.88 8.25	40.40 3.12 1.28	37.19 3.13 0.01	34.30 3.11 -0.06
FULTON COGEN____ 23766	30.26 -0.38 -1.44	26.44 -0.37 -0.47	24.47 -0.37 0.00	24.06 -0.39 0.00	23.68 -0.41 0.00	23.11 -0.40 0.00	22.92 -0.47 0.00	22.18 -0.48 0.00	23.37 -0.45 0.00	25.13 -0.43 -0.16	28.09 -0.45 -0.67	31.69 -0.43 -1.54	33.98 -0.40 -1.36	35.65 -0.38 -1.27	38.82 -0.41 -1.79	42.71 -0.53 -2.50	50.87 -0.78 -3.97	56.27 -0.73 -5.01	62.42 -0.66 -7.02	56.08 -0.60 -5.99	49.10 -0.31 -3.54	40.39 -0.24 -2.14	35.21 -0.31 -1.38	32.90 -0.31 -2.08
FULTON___LFGE 323630	32.82 3.62 0.00	29.69 3.35 0.00	27.80 2.96 0.00	27.26 2.81 0.00	26.79 2.70 0.00	26.16 2.66 0.00	25.68 2.29 0.00	24.70 2.04 0.00	26.25 2.43 0.00	28.06 2.67 0.00	30.91 3.04 0.00	33.70 3.12 0.00	36.52 3.50 0.00	38.66 3.89 0.00	41.85 4.42 0.00	45.62 4.89 0.00	53.40 5.93 0.00	59.43 7.39 0.00	65.10 8.98 0.00	59.07 8.32 0.00	53.54 7.38 0.00	44.39 5.82 0.00	38.93 4.87 0.00	35.17 4.04 0.00
G.F.CEMENT___DRP 24184	31.22 2.01 0.00	28.24 1.90 0.00	26.53 1.69 0.00	26.06 1.61 0.00	25.63 1.54 0.00	25.06 1.55 0.00	24.68 1.29 0.00	23.81 1.16 0.00	25.30 1.48 0.00	27.02 1.63 0.00	29.51 1.64 0.00	32.38 1.80 0.00	35.03 2.01 0.00	36.78 2.02 0.00	39.68 2.25 0.00	43.30 2.57 0.00	50.46 2.99 0.00	55.53 3.49 0.00	60.50 4.38 0.00	54.81 4.06 0.00	49.99 3.83 0.00	41.61 3.05 0.00	36.55 2.49 0.00	33.28 2.15 0.00
GARDENVILLE___LBMP 24039	28.94 -0.26 0.00	25.92 -0.42 0.00	24.55 -0.30 0.00	23.96 -0.49 0.00	23.56 -0.53 0.00	23.03 -0.47 0.00	22.76 -0.63 0.00	21.80 -0.86 0.00	23.08 -0.74 0.00	24.84 -0.56 0.00	27.34 -0.53 0.00	30.03 -0.55 0.00	32.85 -0.17 0.00	34.70 -0.07 0.00	37.21 -0.22 0.00	40.21 -0.53 0.00	47.09 -0.38 0.00	50.38 -1.67 0.00	54.67 -1.46 0.00	49.83 -0.91 0.00	44.96 -1.20 0.00	38.18 -0.39 0.00	33.93 -0.14 0.00	30.63 -0.50 0.00
GARDNVLA_35_KV_LD 355827	29.05 -0.15 0.00	26.03 -0.32 0.00	24.65 -0.20 0.00	24.06 -0.39 0.00	23.63 -0.46 0.00	23.13 -0.38 0.00	22.83 -0.56 0.00	21.89 -0.77 0.00	23.15 -0.67 0.00	24.94 -0.46 0.00	27.48 -0.39 0.00	30.15 -0.43 0.00	32.99 -0.03 0.00	34.87 0.10 0.00	37.44 0.00 0.00	40.41 -0.33 0.00	47.37 -0.09 0.00	50.64 -1.41 0.00	54.95 -1.18 0.00	50.04 -0.71 0.00	45.15 -1.02 0.00	38.37 -0.19 0.00	34.06 0.00 0.00	30.79 -0.34 0.00
GELCKHM___115KV_LOAD 80723	29.51 -0.20 -0.52	26.30 -0.21 -0.17	24.62 -0.22 0.00	24.20 -0.24 0.00	23.82 -0.26 0.00	23.25 -0.26 0.00	23.09 -0.30 0.00	22.34 -0.32 0.00	23.53 -0.29 0.00	25.23 -0.23 -0.06	27.89 -0.22 -0.24	30.95 -0.18 -0.55	33.41 -0.10 -0.49	35.12 -0.10 -0.46	38.01 -0.07 -0.64	41.51 -0.12 -0.90	48.75 -0.14 -1.43	53.53 -0.31 -1.80	58.37 -0.28 -2.52	52.64 -0.25 -2.15	47.20 -0.23 -1.27	39.25 -0.08 -0.77	34.53 -0.03 -0.50	31.75 -0.12 -0.75
GENERAL___MILLS 23808	29.00 -0.20 0.00	26.00 -0.34 0.00	24.60 -0.25 0.00	24.01 -0.44 0.00	23.61 -0.48 0.00	23.08 -0.42 0.00	22.80 -0.58 0.00	21.84 -0.82 0.00	23.13 -0.69 0.00	24.89 -0.51 0.00	27.42 -0.45 0.00	30.09 -0.49 0.00	32.92 -0.10 0.00	34.77 0.00 0.00	37.32 -0.11 0.00	40.33 -0.41 0.00	47.23 -0.24 0.00	50.49 -1.56 0.00	54.78 -1.35 0.00	49.93 -0.81 0.00	45.05 -1.11 0.00	38.29 -0.27 0.00	34.00 -0.07 0.00	30.72 -0.40 0.00
GE_PLASTICS___DRP 24183	30.19 0.99 0.00	27.29 0.95 0.00	25.86 1.02 0.00	25.45 1.00 0.00	25.10 1.01 0.00	24.49 0.99 0.00	24.23 0.84 0.00	23.36 0.70 0.00	24.75 0.93 0.00	26.21 0.81 0.00	28.70 0.84 0.00	31.53 0.95 0.00	34.01 0.99 0.00	35.81 1.04 0.00	38.60 1.16 0.00	42.08 1.34 0.00	48.98 1.52 0.00	53.76 1.72 0.00	57.92 1.80 0.00	52.32 1.57 0.00	47.59 1.43 0.00	39.72 1.16 0.00	35.09 1.02 0.00	32.12 1.00 0.00
GILBOA___1 23756	30.31 1.11 0.00	27.35 1.00 0.00	25.89 1.04 0.00	25.62 1.17 0.00	25.24 1.16 0.00	24.59 1.08 0.00	24.19 0.80 0.00	23.32 0.66 0.00	24.65 0.83 0.00	26.34 0.94 0.00	28.90 1.03 0.00	31.77 1.19 0.00	34.24 1.22 0.00	36.09 1.32 0.00	38.82 1.39 0.00	42.25 1.51 0.00	49.13 1.66 0.00	53.82 1.77 0.00	57.92 1.80 0.00	52.32 1.57 0.00	47.68 1.52 0.00	39.91 1.35 0.00	35.22 1.16 0.00	32.22 1.09 0.00
GILBOA___2 23757	30.31 1.11 0.00	27.35 1.00 0.00	25.89 1.04 0.00	25.62 1.17 0.00	25.24 1.16 0.00	24.59 1.08 0.00	24.19 0.80 0.00	23.32 0.66 0.00	24.65 0.83 0.00	26.34 0.94 0.00	28.90 1.03 0.00	31.77 1.19 0.00	34.24 1.22 0.00	36.09 1.32 0.00	38.82 1.39 0.00	42.25 1.51 0.00	49.13 1.66 0.00	53.82 1.77 0.00	57.92 1.80 0.00	52.32 1.57 0.00	47.68 1.52 0.00	39.91 1.35 0.00	35.22 1.16 0.00	32.22 1.09 0.00

GILBOA___3 23758	30.31 1.11 0.00	27.35 1.00 0.00	25.89 1.04 0.00	25.62 1.17 0.00	25.24 1.16 0.00	24.59 1.08 0.00	24.19 0.80 0.00	23.32 0.66 0.00	24.65 0.83 0.00	26.34 0.94 0.00	28.90 1.03 0.00	31.77 1.19 0.00	34.24 1.22 0.00	36.09 1.32 0.00	38.82 1.39 0.00	42.25 1.51 0.00	49.13 1.66 0.00	53.82 1.77 0.00	57.92 1.80 0.00	52.32 1.57 0.00	47.68 1.52 0.00	39.91 1.35 0.00	35.22 1.16 0.00	32.22 1.09 0.00
GILBOA___4 23759	30.31 1.11 0.00	27.35 1.00 0.00	25.89 1.04 0.00	25.62 1.17 0.00	25.24 1.16 0.00	24.59 1.08 0.00	24.19 0.80 0.00	23.32 0.66 0.00	24.65 0.83 0.00	26.34 0.94 0.00	28.90 1.03 0.00	31.77 1.19 0.00	34.24 1.22 0.00	36.09 1.32 0.00	38.82 1.39 0.00	42.25 1.51 0.00	49.13 1.66 0.00	53.82 1.77 0.00	57.92 1.80 0.00	52.32 1.57 0.00	47.68 1.52 0.00	39.91 1.35 0.00	35.22 1.16 0.00	32.22 1.09 0.00
GILBOA___ 23599	30.31 1.11 0.00	27.35 1.00 0.00	25.89 1.04 0.00	25.62 1.17 0.00	25.24 1.16 0.00	24.61 1.10 0.00	24.23 0.84 0.00	23.34 0.68 0.00	24.65 0.83 0.00	26.34 0.94 0.00	28.90 1.03 0.00	31.77 1.19 0.00	34.24 1.22 0.00	36.05 1.29 0.00	38.82 1.39 0.00	42.25 1.51 0.00	49.08 1.61 0.00	53.82 1.77 0.00	57.87 1.74 0.00	52.32 1.57 0.00	47.59 1.43 0.00	39.84 1.27 0.00	35.19 1.12 0.00	32.25 1.12 0.00
GINNA___ 23603	27.92 -1.28 0.00	25.03 -1.32 0.00	23.60 -1.24 0.00	23.10 -1.34 0.00	22.74 -1.35 0.00	22.17 -1.34 0.00	21.99 -1.40 0.00	21.28 -1.38 0.00	22.39 -1.43 0.00	24.10 -1.29 0.00	26.48 -1.39 0.00	29.14 -1.44 0.00	31.70 -1.32 0.00	33.52 -1.25 0.00	36.09 -1.35 0.00	39.19 -1.55 0.00	45.61 -1.85 0.00	49.76 -2.29 0.00	53.60 -2.52 0.00	48.77 -1.98 0.00	44.31 -1.85 0.00	36.87 -1.70 0.00	32.80 -1.26 0.00	30.07 -1.06 0.00
GLEN PARK___ 23778	29.63 -0.23 -0.67	26.30 -0.26 -0.22	24.57 -0.27 0.00	24.11 -0.34 0.00	23.63 -0.46 0.00	23.03 -0.47 0.00	22.92 -0.47 0.00	22.14 -0.52 0.00	23.18 -0.64 0.00	24.94 -0.53 -0.08	27.59 -0.59 -0.31	30.56 -0.73 -0.71	32.82 -0.82 -0.63	34.45 -0.90 -0.59	37.37 -0.90 -0.83	40.92 -0.98 -1.16	48.17 -1.14 -1.84	54.16 -0.21 -2.32	59.83 0.45 -3.26	54.34 0.81 -2.78	48.77 0.97 -1.64	40.37 0.81 -0.99	35.28 0.58 -0.64	32.37 0.28 -0.97
GLENDALE_27_KV_LOAD 356172	32.39 3.18 -0.01	29.06 2.71 0.00	27.21 2.36 0.00	26.65 2.20 0.00	26.28 2.19 0.00	25.55 2.04 0.00	25.14 1.75 0.00	24.29 1.63 0.00	26.11 2.29 0.00	28.11 2.72 0.00	31.03 3.15 -0.01	36.07 3.64 -1.85	36.75 3.73 0.00	38.70 3.93 -0.01	41.26 3.82 0.00	44.77 4.03 0.00	52.35 4.89 0.00	57.10 5.05 0.00	61.23 5.11 0.00	55.11 4.36 0.00	50.22 4.06 0.00	41.92 3.35 0.00	37.34 3.27 -0.01	34.37 3.24 -0.01
GLENWOOD_IC_1_G5 23712	36.82 3.30 -4.32	35.74 2.85 -6.55	33.44 2.53 -6.06	31.10 2.40 -4.26	27.30 2.34 -0.88	27.99 2.23 -2.26	25.35 1.96 0.00	24.49 1.84 0.00	31.98 2.50 -5.66	35.60 2.90 -7.31	38.45 3.32 -7.27	44.62 3.85 -10.19	45.68 4.00 -8.67	49.66 4.00 -10.89	50.32 4.16 -8.73	51.63 4.40 -6.49	57.77 5.17 -5.13	62.00 5.46 -4.49	65.04 5.61 -3.30	55.47 4.72 0.00	50.45 4.29 0.00	45.23 3.59 -3.08	40.82 3.47 -3.28	38.71 3.39 -4.18
GLENWOOD_IC_2_G1 23688	36.70 3.18 -4.32	35.66 2.77 -6.55	33.36 2.46 -6.06	31.03 2.32 -4.26	27.26 2.29 -0.88	27.90 2.14 -2.26	25.26 1.87 0.00	24.47 1.81 0.00	31.93 2.45 -5.66	35.48 2.77 -7.31	38.31 3.18 -7.27	44.47 3.70 -10.19	45.48 3.80 -8.67	49.76 4.10 -10.89	50.40 4.23 -8.73	51.75 4.52 -6.49	58.00 5.41 -5.13	62.16 5.62 -4.49	65.32 5.89 -3.30	55.62 4.87 0.00	50.41 4.24 0.00	45.50 3.86 -3.08	40.82 3.48 -3.28	38.52 3.21 -4.18
GLENWOOD_IC_3_G1 23689	36.70 3.18 -4.32	35.66 2.77 -6.55	33.36 2.46 -6.06	31.03 2.32 -4.26	27.26 2.29 -0.88	27.90 2.14 -2.26	25.26 1.87 0.00	24.47 1.81 0.00	31.93 2.45 -5.66	35.48 2.77 -7.31	38.31 3.18 -7.27	44.47 3.70 -10.19	45.48 3.80 -8.67	49.76 4.10 -10.89	50.40 4.23 -8.73	51.75 4.52 -6.49	58.00 5.41 -5.13	62.16 5.62 -4.49	65.32 5.89 -3.30	55.62 4.87 0.00	50.41 4.24 0.00	45.50 3.86 -3.08	40.82 3.48 -3.28	38.52 3.21 -4.18
GLENWOOD___4 23550	36.82 3.30 -4.32	35.74 2.85 -6.55	33.44 2.53 -6.06	31.10 2.40 -4.26	27.30 2.34 -0.88	27.99 2.23 -2.26	25.35 1.96 0.00	24.49 1.84 0.00	31.98 2.50 -5.66	35.60 2.90 -7.31	38.45 3.32 -7.27	44.62 3.85 -10.19	45.68 4.00 -8.67	49.76 4.10 -10.89	50.40 4.23 -8.73	51.75 4.52 -6.49	57.86 5.27 -5.13	62.16 5.62 -4.49	65.21 5.78 -3.30	55.62 4.87 0.00	50.59 4.43 0.00	45.31 3.66 -3.08	40.82 3.47 -3.28	38.71 3.39 -4.18
GLENWOOD___5 23614	36.82 3.30 -4.32	35.74 2.85 -6.55	33.44 2.53 -6.06	31.10 2.40 -4.26	27.30 2.34 -0.88	27.99 2.23 -2.26	25.35 1.96 0.00	24.49 1.84 0.00	31.98 2.50 -5.66	35.60 2.90 -7.31	38.45 3.32 -7.27	44.62 3.85 -10.19	45.68 4.00 -8.67	49.76 4.10 -10.89	50.40 4.23 -8.73	51.75 4.52 -6.49	57.86 5.27 -5.13	62.16 5.62 -4.49	65.21 5.78 -3.30	55.62 4.87 0.00	50.59 4.43 0.00	45.31 3.66 -3.08	40.82 3.47 -3.28	38.71 3.39 -4.18
GLOBAL GREEN_PORT_GT1 23814	37.63 4.12 -4.32	36.40 3.50 -6.55	33.91 3.00 -6.06	31.56 2.86 -4.26	27.76 2.79 -0.88	28.42 2.66 -2.26	25.73 2.34 0.00	24.95 2.29 0.00	32.60 3.12 -5.66	36.34 3.63 -7.31	39.59 4.46 -7.27	64.76 5.32 -28.86	47.13 5.61 -8.50	126.44 6.22 -85.45	137.54 6.59 -93.51	141.43 7.05 -93.64	149.34 8.40 -93.47	149.49 8.74 -88.70	142.41 9.21 -77.08	120.65 7.66 -62.24	55.87 6.51 -3.20	63.50 5.71 -19.23	41.92 4.57 -3.29	39.45 4.14 -4.18
GLOBE___DSASP 323697	28.03 -1.17 0.00	25.13 -1.21 0.00	23.63 -1.22 0.00	23.05 -1.39 0.00	22.67 -1.42 0.00	22.16 -1.34 0.00	22.01 -1.38 0.00	20.96 -1.70 0.00	22.15 -1.67 0.00	23.82 -1.57 0.00	26.20 -1.67 0.00	28.71 -1.87 0.00	31.43 -1.58 0.00	33.17 -1.60 0.00	35.60 -1.83 0.00	38.42 -2.32 0.00	45.14 -2.33 0.00	48.14 -3.90 0.00	52.20 -3.93 0.00	47.65 -3.10 0.00	42.98 -3.19 0.00	36.60 -1.97 0.00	32.53 -1.53 0.00	29.39 -1.74 0.00
GOETHSLN___LBMP 323567	31.97 2.77 0.00	28.72 2.37 0.00	26.88 2.04 0.00	26.33 1.88 0.00	25.94 1.85 0.00	25.24 1.74 0.00	24.91 1.52 0.00	24.11 1.45 0.00	25.89 2.07 0.00	27.86 2.46 0.00	30.66 2.79 0.00	35.08 3.24 -1.27	36.29 3.27 0.00	38.25 3.48 -0.01	40.84 3.41 0.00	40.82 3.50 3.42	41.46 4.13 10.13	41.67 4.37 14.74	43.09 4.38 17.42	41.63 3.65 12.77	41.29 3.37 8.24	40.10 2.82 1.28	36.75 2.69 0.00	33.93 2.80 0.00
GOLAH___69_KV_TB 1_2 80279	29.03 -0.18 0.00	26.05 -0.29 0.00	24.70 -0.15 0.00	24.15 -0.29 0.00	23.75 -0.34 0.00	23.18 -0.33 0.00	22.94 -0.44 0.00	22.02 -0.63 0.00	23.20 -0.62 0.00	24.91 -0.48 0.00	27.42 -0.45 0.00	30.12 -0.46 0.00	32.75 -0.26 0.00	34.66 -0.10 0.00	37.32 -0.11 0.00	40.53 -0.20 0.00	47.56 0.09 0.00	51.27 -0.78 0.00	55.56 -0.56 0.00	50.54 -0.20 0.00	45.75 -0.42 0.00	38.72 0.15 0.00	34.23 0.17 0.00	30.97 -0.16 0.00

GOODYEAR_LAKE_HYD 323669	30.72 1.52 0.00	27.69 1.34 0.00	26.09 1.24 0.00	25.67 1.22 0.00	25.22 1.13 0.00	24.61 1.10 0.00	24.30 0.91 0.00	23.41 0.75 0.00	24.75 0.93 0.00	26.54 1.14 0.00	29.18 1.31 0.00	32.08 1.50 0.00	34.67 1.65 0.00	36.57 1.81 0.00	39.31 1.87 0.00	42.69 1.96 0.00	49.60 2.14 0.00	54.75 2.71 0.00	59.21 3.09 0.00	53.64 2.89 0.00	48.75 2.59 0.00	40.72 2.16 0.00	35.90 1.84 0.00	32.72 1.59 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	30.05 0.55 -0.29	26.91 0.47 -0.10	25.27 0.42 0.00	24.81 0.37 0.00	24.43 0.34 0.00	23.83 0.33 0.00	23.60 0.21 0.00	22.77 0.11 0.00	24.06 0.24 0.00	25.81 0.38 -0.03	28.45 0.45 -0.14	31.44 0.55 -0.31	34.02 0.73 -0.28	35.79 0.76 -0.26	38.59 0.79 -0.37	42.02 0.77 -0.51	49.18 0.90 -0.81	53.80 0.73 -1.02	58.46 0.90 -1.43	52.83 0.86 -1.22	47.62 0.74 -0.72	39.81 0.81 -0.44	35.13 0.78 -0.28	32.15 0.59 -0.42
GOUDEY___7 23579	30.08 0.58 -0.29	26.94 0.50 -0.10	25.29 0.45 0.00	24.84 0.39 0.00	24.45 0.36 0.00	23.86 0.35 0.00	23.62 0.23 0.00	22.79 0.14 0.00	24.08 0.26 0.00	25.84 0.41 -0.03	28.48 0.47 -0.14	31.47 0.58 -0.31	34.05 0.76 -0.28	35.86 0.83 -0.26	38.63 0.82 -0.37	42.06 0.81 -0.51	49.23 0.95 -0.81	53.85 0.78 -1.02	58.51 0.95 -1.43	52.93 0.96 -1.22	47.71 0.83 -0.72	39.85 0.85 -0.44	35.16 0.82 -0.28	32.18 0.62 -0.42
GOUDEY___8 23580	30.05 0.55 -0.29	26.91 0.47 -0.10	25.27 0.42 0.00	24.81 0.37 0.00	24.43 0.34 0.00	23.83 0.33 0.00	23.60 0.21 0.00	22.77 0.11 0.00	24.06 0.24 0.00	25.81 0.38 -0.03	28.45 0.45 -0.14	31.44 0.55 -0.31	34.02 0.73 -0.28	35.79 0.76 -0.26	38.59 0.79 -0.37	42.02 0.77 -0.51	49.18 0.90 -0.81	53.80 0.73 -1.02	58.46 0.90 -1.43	52.83 0.86 -1.22	47.62 0.74 -0.72	39.81 0.81 -0.44	35.13 0.78 -0.28	32.15 0.59 -0.42
GOWANUS_GT1_1 24077	40.19 3.15 -7.84	29.07 2.71 -0.02	27.24 2.39 -0.01	26.68 2.22 -0.01	26.31 2.22 -0.01	25.58 2.07 -0.01	25.10 1.71 0.00	24.22 1.56 0.00	26.06 2.24 0.00	28.10 2.69 -0.01	42.04 3.12 -11.05	39.99 3.61 -5.80	36.74 3.67 -0.06	38.71 3.93 -0.02	41.18 3.74 0.00	44.69 3.95 0.00	52.35 4.89 0.00	57.10 5.05 0.00	61.23 5.11 0.00	55.06 4.31 0.00	50.18 4.02 0.00	41.84 3.28 0.00	37.45 3.27 -0.11	34.48 3.24 -0.11
GOWANUS_GT1_2 24078	40.19 3.15 -7.84	29.07 2.71 -0.02	27.24 2.39 -0.01	26.68 2.22 -0.01	26.31 2.22 -0.01	25.58 2.07 -0.01	25.10 1.71 0.00	24.22 1.56 0.00	26.06 2.24 0.00	28.10 2.69 -0.01	42.04 3.12 -11.05	39.99 3.61 -5.80	36.74 3.67 -0.06	38.71 3.93 -0.02	41.18 3.74 0.00	44.69 3.95 0.00	52.35 4.89 0.00	57.10 5.05 0.00	61.23 5.11 0.00	55.06 4.31 0.00	50.18 4.02 0.00	41.84 3.28 0.00	37.45 3.27 -0.11	34.48 3.24 -0.11
GOWANUS_GT1_3 24079	40.19 3.15 -7.84	29.07 2.71 -0.02	27.24 2.39 -0.01	26.68 2.22 -0.01	26.31 2.22 -0.01	25.58 2.07 -0.01	25.10 1.71 0.00	24.22 1.56 0.00	26.06 2.24 0.00	28.10 2.69 -0.01	42.04 3.12 -11.05	39.99 3.61 -5.80	36.74 3.67 -0.06	38.71 3.93 -0.02	41.18 3.74 0.00	44.69 3.95 0.00	52.35 4.89 0.00	57.10 5.05 0.00	61.23 5.11 0.00	55.06 4.31 0.00	50.18 4.02 0.00	41.84 3.28 0.00	37.45 3.27 -0.11	34.48 3.24 -0.11
GOWANUS_GT1_4 24080	40.19 3.15 -7.84	29.07 2.71 -0.02	27.24 2.39 -0.01	26.68 2.22 -0.01	26.31 2.22 -0.01	25.58 2.07 -0.01	25.10 1.71 0.00	24.22 1.56 0.00	26.06 2.24 0.00	28.10 2.69 -0.01	42.04 3.12 -11.05	39.99 3.61 -5.80	36.74 3.67 -0.06	38.71 3.93 -0.02	41.18 3.74 0.00	44.69 3.95 0.00	52.35 4.89 0.00	57.10 5.05 0.00	61.23 5.11 0.00	55.06 4.31 0.00	50.18 4.02 0.00	41.84 3.28 0.00	37.45 3.27 -0.11	34.48 3.24 -0.11
GOWANUS_GT1_5 24084	40.19 3.15 -7.84	29.07 2.71 -0.02	27.24 2.39 -0.01	26.68 2.22 -0.01	26.31 2.22 -0.01	25.58 2.07 -0.01	25.10 1.71 0.00	24.22 1.56 0.00	26.06 2.24 0.00	28.10 2.69 -0.01	42.04 3.12 -11.05	39.99 3.61 -5.80	36.74 3.67 -0.06	38.71 3.93 -0.02	41.18 3.74 0.00	44.69 3.95 0.00	52.35 4.89 0.00	57.10 5.05 0.00	61.23 5.11 0.00	55.06 4.31 0.00	50.18 4.02 0.00	41.84 3.28 0.00	37.45 3.27 -0.11	34.48 3.24 -0.11
GOWANUS_GT1_6 24111	40.19 3.15 -7.84	29.07 2.71 -0.02	27.24 2.39 -0.01	26.68 2.22 -0.01	26.31 2.22 -0.01	25.58 2.07 -0.01	25.10 1.71 0.00	24.22 1.56 0.00	26.06 2.24 0.00	28.10 2.69 -0.01	42.04 3.12 -11.05	39.99 3.61 -5.80	36.74 3.67 -0.06	38.71 3.93 -0.02	41.18 3.74 0.00	44.69 3.95 0.00	52.35 4.89 0.00	57.10 5.05 0.00	61.23 5.11 0.00	55.06 4.31 0.00	50.18 4.02 0.00	41.84 3.28 0.00	37.45 3.27 -0.11	34.48 3.24 -0.11
GOWANUS_GT1_7 24112	40.19 3.15 -7.84	29.07 2.71 -0.02	27.24 2.39 -0.01	26.68 2.22 -0.01	26.31 2.22 -0.01	25.58 2.07 -0.01	25.10 1.71 0.00	24.22 1.56 0.00	26.06 2.24 0.00	28.10 2.69 -0.01	42.04 3.12 -11.05	39.99 3.61 -5.80	36.74 3.67 -0.06	38.71 3.93 -0.02	41.18 3.74 0.00	44.69 3.95 0.00	52.35 4.89 0.00	57.10 5.05 0.00	61.23 5.11 0.00	55.06 4.31 0.00	50.18 4.02 0.00	41.84 3.28 0.00	37.45 3.27 -0.11	34.48 3.24 -0.11
GOWANUS_GT1_8 24113	40.19 3.15 -7.84	29.07 2.71 -0.02	27.24 2.39 -0.01	26.68 2.22 -0.01	26.31 2.22 -0.01	25.58 2.07 -0.01	25.10 1.71 0.00	24.22 1.56 0.00	26.06 2.24 0.00	28.10 2.69 -0.01	42.04 3.12 -11.05	39.99 3.61 -5.80	36.74 3.67 -0.06	38.71 3.93 -0.02	41.18 3.74 0.00	44.69 3.95 0.00	52.35 4.89 0.00	57.10 5.05 0.00	61.23 5.11 0.00	55.06 4.31 0.00	50.18 4.02 0.00	41.84 3.28 0.00	37.45 3.27 -0.11	34.48 3.24 -0.11
GOWANUS_GT2_1 24114	40.16 3.13 -7.84	29.07 2.71 -0.02	27.24 2.39 -0.01	26.68 2.22 -0.01	26.31 2.21 -0.01	25.56 2.04 -0.01	25.10 1.71 0.00	24.29 1.63 0.00	26.08 2.26 0.00	28.07 2.67 -0.01	42.02 3.09 -11.05	39.98 3.61 -5.80	36.74 3.66 -0.06	38.81 4.03 -0.02	41.33 3.89 0.00	44.90 4.16 0.00	52.69 5.22 0.00	57.36 5.31 0.00	61.63 5.50 0.00	55.32 4.57 0.00	50.32 4.16 0.00	42.11 3.55 0.00	37.58 3.41 -0.11	34.38 3.14 -0.11
GOWANUS_GT2_2 24115	40.16 3.13 -7.84	29.07 2.71 -0.02	27.24 2.39 -0.01	26.68 2.22 -0.01	26.31 2.21 -0.01	25.56 2.04 -0.01	25.10 1.71 0.00	24.29 1.63 0.00	26.08 2.26 0.00	28.07 2.67 -0.01	42.02 3.09 -11.05	39.98 3.61 -5.80	36.74 3.66 -0.06	38.81 4.03 -0.02	41.33 3.89 0.00	44.90 4.16 0.00	52.69 5.22 0.00	57.36 5.31 0.00	61.63 5.50 0.00	55.32 4.57 0.00	50.32 4.16 0.00	42.11 3.55 0.00	37.58 3.41 -0.11	34.38 3.14 -0.11
GOWANUS_GT2_3 24116	40.16 3.13 -7.84	29.07 2.71 -0.02	27.24 2.39 -0.01	26.68 2.22 -0.01	26.31 2.21 -0.01	25.56 2.04 -0.01	25.10 1.71 0.00	24.29 1.63 0.00	26.08 2.26 0.00	28.07 2.67 -0.01	42.02 3.09 -11.05	39.98 3.61 -5.80	36.74 3.66 -0.06	38.81 4.03 -0.02	41.33 3.89 0.00	44.90 4.16 0.00	52.69 5.22 0.00	57.36 5.31 0.00	61.63 5.50 0.00	55.32 4.57 0.00	50.32 4.16 0.00	42.11 3.55 0.00	37.58 3.41 -0.11	34.38 3.14 -0.11

GOWANUS_GT4_3 24132	40.19 3.15 -7.84	29.07 2.71 -0.02	27.24 2.39 -0.01	26.68 2.22 -0.01	26.31 2.22 -0.01	25.58 2.07 -0.01	25.10 1.71 0.00	24.22 1.56 0.00	26.06 2.24 0.00	28.10 2.69 -0.01	42.04 3.12 -11.05	39.99 3.61 -5.80	36.74 3.67 -0.06	38.71 3.93 -0.02	41.18 3.74 0.00	44.69 3.95 0.00	52.35 4.89 0.00	57.10 5.05 0.00	61.23 5.11 0.00	55.06 4.31 0.00	50.18 4.02 0.00	41.84 3.28 0.00	37.45 3.27 -0.11	34.48 3.24 -0.11
GOWANUS_GT4_4 24133	40.19 3.15 -7.84	29.07 2.71 -0.02	27.24 2.39 -0.01	26.68 2.22 -0.01	26.31 2.22 -0.01	25.58 2.07 -0.01	25.10 1.71 0.00	24.22 1.56 0.00	26.06 2.24 0.00	28.10 2.69 -0.01	42.04 3.12 -11.05	39.99 3.61 -5.80	36.74 3.67 -0.06	38.71 3.93 -0.02	41.18 3.74 0.00	44.69 3.95 0.00	52.35 4.89 0.00	57.10 5.05 0.00	61.23 5.11 0.00	55.06 4.31 0.00	50.18 4.02 0.00	41.84 3.28 0.00	37.45 3.27 -0.11	34.48 3.24 -0.11
GOWANUS_GT4_5 24134	40.19 3.15 -7.84	29.07 2.71 -0.02	27.24 2.39 -0.01	26.68 2.22 -0.01	26.31 2.22 -0.01	25.58 2.07 -0.01	25.10 1.71 0.00	24.22 1.56 0.00	26.06 2.24 0.00	28.10 2.69 -0.01	42.04 3.12 -11.05	39.99 3.61 -5.80	36.74 3.67 -0.06	38.71 3.93 -0.02	41.18 3.74 0.00	44.69 3.95 0.00	52.35 4.89 0.00	57.10 5.05 0.00	61.23 5.11 0.00	55.06 4.31 0.00	50.18 4.02 0.00	41.84 3.28 0.00	37.45 3.27 -0.11	34.48 3.24 -0.11
GOWANUS_GT4_6 24135	40.19 3.15 -7.84	29.07 2.71 -0.02	27.24 2.39 -0.01	26.68 2.22 -0.01	26.31 2.22 -0.01	25.58 2.07 -0.01	25.10 1.71 0.00	24.22 1.56 0.00	26.06 2.24 0.00	28.10 2.69 -0.01	42.04 3.12 -11.05	39.99 3.61 -5.80	36.74 3.67 -0.06	38.71 3.93 -0.02	41.18 3.74 0.00	44.69 3.95 0.00	52.35 4.89 0.00	57.10 5.05 0.00	61.23 5.11 0.00	55.06 4.31 0.00	50.18 4.02 0.00	41.84 3.28 0.00	37.45 3.27 -0.11	34.48 3.24 -0.11
GOWANUS_GT4_7 24136	40.19 3.15 -7.84	29.07 2.71 -0.02	27.24 2.39 -0.01	26.68 2.22 -0.01	26.31 2.22 -0.01	25.58 2.07 -0.01	25.10 1.71 0.00	24.22 1.56 0.00	26.06 2.24 0.00	28.10 2.69 -0.01	42.04 3.12 -11.05	39.99 3.61 -5.80	36.74 3.67 -0.06	38.71 3.93 -0.02	41.18 3.74 0.00	44.69 3.95 0.00	52.35 4.89 0.00	57.10 5.05 0.00	61.23 5.11 0.00	55.06 4.31 0.00	50.18 4.02 0.00	41.84 3.28 0.00	37.45 3.27 -0.11	34.48 3.24 -0.11
GOWANUS_GT4_8 24137	40.19 3.15 -7.84	29.07 2.71 -0.02	27.24 2.39 -0.01	26.68 2.22 -0.01	26.31 2.22 -0.01	25.58 2.07 -0.01	25.10 1.71 0.00	24.22 1.56 0.00	26.06 2.24 0.00	28.10 2.69 -0.01	42.04 3.12 -11.05	39.99 3.61 -5.80	36.74 3.67 -0.06	38.71 3.93 -0.02	41.18 3.74 0.00	44.69 3.95 0.00	52.35 4.89 0.00	57.10 5.05 0.00	61.23 5.11 0.00	55.06 4.31 0.00	50.18 4.02 0.00	41.84 3.28 0.00	37.45 3.27 -0.11	34.48 3.24 -0.11
GREENBSH_115KV_TB3 55895	30.11 0.91 0.00	27.21 0.87 0.00	25.86 1.02 0.00	25.45 1.00 0.00	25.10 1.01 0.00	24.49 0.99 0.00	24.30 0.91 0.00	23.41 0.75 0.00	24.82 1.00 0.00	26.18 0.79 0.00	28.65 0.78 0.00	31.43 0.86 0.00	33.91 0.89 0.00	35.70 0.94 0.00	38.48 1.05 0.00	42.00 1.26 0.00	48.89 1.42 0.00	53.66 1.61 0.00	57.81 1.68 0.00	52.22 1.47 0.00	47.50 1.34 0.00	39.64 1.08 0.00	34.98 0.92 0.00	32.03 0.90 0.00
GREENDGE_115KV_TB5 80291	29.85 0.41 -0.24	26.71 0.29 -0.08	25.09 0.25 0.00	24.57 0.12 0.00	24.16 0.07 0.00	23.60 0.09 0.00	23.41 0.02 0.00	22.59 -0.07 0.00	23.82 0.00 0.00	25.55 0.13 -0.03	28.18 0.20 -0.11	31.14 0.31 -0.26	33.64 0.40 -0.23	35.50 0.52 -0.21	38.34 0.60 -0.30	41.69 0.53 -0.42	48.94 0.81 -0.67	53.36 0.47 -0.84	58.20 0.90 -1.18	52.72 0.96 -1.01	47.49 0.74 -0.59	39.81 0.89 -0.36	35.15 0.85 -0.23	31.95 0.47 -0.35
GREENIDGE___3 23582	29.85 0.41 -0.24	26.71 0.29 -0.08	25.09 0.25 0.00	24.57 0.12 0.00	24.16 0.07 0.00	23.60 0.09 0.00	23.41 0.02 0.00	22.59 -0.07 0.00	23.82 0.00 0.00	25.55 0.13 -0.03	28.18 0.20 -0.11	31.14 0.31 -0.26	33.64 0.40 -0.23	35.50 0.52 -0.21	38.34 0.60 -0.30	41.69 0.53 -0.42	48.94 0.81 -0.67	53.36 0.47 -0.84	58.20 0.90 -1.18	52.72 0.96 -1.01	47.49 0.74 -0.59	39.81 0.89 -0.36	35.15 0.85 -0.23	31.95 0.47 -0.35
GREENIDGE___4 23583	29.88 0.44 -0.24	26.71 0.29 -0.08	25.07 0.22 0.00	24.55 0.10 0.00	24.16 0.07 0.00	23.58 0.07 0.00	23.39 0.00 0.00	22.64 -0.02 0.00	23.82 0.00 0.00	25.58 0.15 -0.03	28.18 0.20 -0.11	31.14 0.31 -0.26	33.64 0.40 -0.23	35.50 0.52 -0.21	38.34 0.60 -0.30	41.69 0.53 -0.42	48.70 0.57 -0.67	53.36 0.47 -0.84	57.98 0.68 -1.18	52.62 0.86 -1.01	47.59 0.83 -0.59	39.46 0.54 -0.36	35.08 0.78 -0.23	32.19 0.72 -0.35
GREENLWN_69_KV_BK 3 55738	36.44 2.92 -4.32	35.50 2.61 -6.55	33.26 2.36 -6.06	30.93 2.22 -4.26	27.16 2.19 -0.88	27.85 2.09 -2.26	25.21 1.82 0.00	24.36 1.70 0.00	31.83 2.36 -5.66	35.38 2.67 -7.31	38.03 2.90 -7.27	39.41 3.36 -5.47	44.19 3.47 -7.70	33.19 3.82 5.40	31.61 3.97 9.79	32.47 4.28 12.55	38.32 5.03 14.17	43.55 5.41 13.91	48.98 5.67 12.82	41.97 4.82 13.60	49.71 4.25 0.70	41.47 3.35 0.45	40.27 2.93 -3.28	38.21 2.89 -4.18
GREENWD_138_KV_38B11_REV_LBMP_J 345004	40.19 3.15 -7.84	29.07 2.71 -0.02	27.24 2.39 -0.01	26.68 2.22 -0.01	26.31 2.22 -0.01	25.58 2.07 -0.01	25.10 1.71 0.00	24.22 1.56 0.00	26.06 2.24 0.00	28.10 2.69 -0.01	42.04 3.12 -11.05	39.99 3.61 -5.80	36.74 3.67 -0.06	38.71 3.93 -0.02	41.18 3.74 0.00	44.69 3.95 0.00	52.35 4.89 0.00	57.10 5.05 0.00	61.23 5.11 0.00	55.06 4.31 0.00	50.18 4.02 0.00	41.84 3.28 0.00	37.45 3.27 -0.11	34.48 3.24 -0.11
GRISSOM___SOLAR 323813	32.82 3.62 0.00	29.69 3.35 0.00	27.80 2.96 0.00	27.26 2.81 0.00	26.79 2.70 0.00	26.16 2.66 0.00	25.68 2.29 0.00	24.70 2.04 0.00	26.25 2.43 0.00	28.06 2.67 0.00	30.91 3.04 0.00	33.70 3.12 0.00	36.52 3.50 0.00	38.66 3.89 0.00	41.85 4.42 0.00	45.62 4.89 0.00	53.40 5.93 0.00	59.43 7.39 0.00	65.10 8.98 0.00	59.07 8.32 0.00	53.54 7.38 0.00	44.39 5.82 0.00	38.93 4.87 0.00	35.17 4.04 0.00
GROVEVILLE___HYD 323602	31.80 2.60 0.00	28.64 2.29 0.00	26.91 2.06 0.00	26.40 1.96 0.00	25.99 1.90 0.00	25.34 1.83 0.00	24.96 1.57 0.00	24.09 1.43 0.00	25.68 1.86 0.00	27.53 2.13 0.00	30.29 2.42 0.00	33.36 2.78 0.00	36.09 3.07 0.00	38.00 3.23 0.00	40.92 3.48 0.00	44.49 3.75 0.00	51.93 4.46 0.00	56.89 4.84 0.00	61.12 5.00 0.00	55.01 4.26 0.00	49.99 3.83 0.00	41.69 3.12 0.00	36.86 2.79 0.00	33.77 2.65 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	29.99 0.00 -0.79	26.60 0.00 -0.26	24.82 -0.02 0.00	24.37 -0.07 0.00	23.99 -0.10 0.00	23.41 -0.09 0.00	23.23 -0.16 0.00	22.50 -0.16 0.00	23.70 -0.12 0.00	25.44 -0.05 0.00	28.24 0.00 -0.37	31.49 0.06 -0.85	33.93 0.17 -0.75	35.64 0.17 -0.70	38.65 0.22 -0.99	42.33 0.20 -1.38	49.90 0.24 -2.20	54.92 0.10 -2.77	60.18 0.17 -3.88	54.21 0.15 -3.31	48.26 0.14 -1.96	40.02 0.27 -1.18	35.10 0.27 -0.76	32.40 0.12 -1.15

HAMLTNNY_34_KV_TB 80303	30.10 0.09 -0.81	26.66 0.05 -0.27	24.87 0.02 0.00	24.42 -0.02 0.00	24.04 -0.05 0.00	23.46 -0.05 0.00	23.27 -0.12 0.00	22.52 -0.14 0.00	23.75 -0.07 0.00	25.49 0.00 -0.09	28.30 0.06 -0.38	31.57 0.12 -0.87	34.05 0.26 -0.77	35.80 0.31 -0.72	38.83 0.37 -1.02	42.48 0.33 -1.42	50.14 0.43 -2.25	55.14 0.26 -2.84	60.50 0.39 -3.98	54.49 0.36 -3.39	48.49 0.32 -2.01	40.16 0.39 -1.21	35.22 0.37 -0.78	32.52 0.22 -1.18
HAMPSHIRE___PAPER_HYD 323593	28.21 -1.25 -0.26	25.32 -1.11 -0.09	23.75 -1.09 0.00	23.35 -1.10 0.00	22.98 -1.11 0.00	22.45 -1.06 0.00	22.48 -0.91 0.00	21.84 -0.81 0.00	22.82 -1.00 0.00	24.41 -1.02 -0.03	26.88 -1.12 -0.12	29.45 -1.41 -0.28	31.81 -1.45 -0.25	33.43 -1.56 -0.23	36.12 -1.65 -0.33	39.41 -1.79 -0.46	46.20 -1.99 -0.73	51.51 -1.46 -0.92	56.18 -1.24 -1.29	50.98 -0.86 -1.10	46.12 -0.69 -0.65	38.26 -0.69 -0.39	33.57 -0.75 -0.25	30.70 -0.81 -0.38
HARDSCRABBLE_WT_PWR 323673	30.16 0.96 0.00	27.21 0.87 0.00	25.66 0.82 0.00	25.25 0.81 0.00	24.84 0.75 0.00	24.23 0.73 0.00	24.04 0.65 0.00	23.25 0.59 0.00	24.53 0.71 0.00	26.18 0.79 0.00	28.73 0.86 0.00	31.53 0.95 0.00	34.01 0.99 0.00	35.81 1.04 0.00	38.60 1.16 0.00	41.92 1.18 0.00	48.70 1.23 0.00	53.61 1.56 0.00	57.87 1.74 0.00	52.32 1.57 0.00	47.59 1.43 0.00	39.80 1.23 0.00	35.22 1.16 0.00	32.19 1.06 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	31.59 2.39 0.00	28.48 2.13 0.00	26.73 1.89 0.00	26.21 1.76 0.00	25.82 1.73 0.00	25.15 1.65 0.00	24.79 1.40 0.00	23.95 1.29 0.00	25.56 1.74 0.00	27.43 2.03 0.00	30.15 2.29 0.00	33.21 2.63 0.00	35.82 2.81 0.00	37.76 2.99 0.00	40.58 3.14 0.00	44.12 3.38 0.00	51.45 3.99 0.00	56.37 4.32 0.00	60.56 4.43 0.00	54.45 3.70 0.00	49.48 3.32 0.00	41.26 2.70 0.00	36.52 2.45 0.00	33.49 2.37 0.00
HARSNRAD_115KV_TB1 81005	28.56 -0.64 0.00	25.58 -0.76 0.00	24.30 -0.55 0.00	23.71 -0.73 0.00	23.29 -0.79 0.00	22.78 -0.73 0.00	22.43 -0.96 0.00	21.46 -1.20 0.00	22.68 -1.14 0.00	24.41 -0.99 0.00	26.87 -1.00 0.00	29.48 -1.10 0.00	32.26 -0.76 0.00	34.07 -0.70 0.00	36.58 -0.86 0.00	39.52 -1.22 0.00	46.37 -1.09 0.00	49.55 -2.50 0.00	53.77 -2.36 0.00	49.07 -1.67 0.00	44.27 -1.89 0.00	37.68 -0.89 0.00	33.42 -0.65 0.00	30.19 -0.93 0.00
HARZA MOOSE___RIVER 24016	29.57 0.15 -0.22	26.52 0.11 -0.07	24.94 0.10 0.00	24.50 0.05 0.00	24.06 -0.02 0.00	23.50 0.00 0.00	23.37 -0.02 0.00	22.64 -0.02 0.00	23.82 0.00 0.00	25.57 0.15 -0.03	28.14 0.17 -0.10	30.88 0.06 -0.24	33.30 0.07 -0.21	35.07 0.10 -0.20	37.87 0.15 -0.28	41.25 0.12 -0.39	48.18 0.09 -0.62	53.76 0.94 -0.78	58.51 1.29 -1.09	53.05 1.37 -0.93	48.00 1.29 -0.55	39.94 1.04 -0.33	35.10 0.82 -0.22	32.04 0.59 -0.32
HDSNBRDG_115KV_BRDG_TB1 355580	29.46 -0.18 -0.43	26.30 -0.18 -0.14	24.65 -0.20 0.00	24.23 -0.22 0.00	23.85 -0.24 0.00	23.27 -0.24 0.00	23.09 -0.30 0.00	22.34 -0.32 0.00	23.56 -0.26 0.00	25.24 -0.20 -0.05	27.87 -0.20 -0.20	30.89 -0.15 -0.46	33.36 -0.07 -0.41	35.08 -0.07 -0.38	37.90 -0.07 -0.54	41.37 -0.12 -0.75	48.56 -0.09 -1.19	53.29 -0.26 -1.50	58.01 -0.22 -2.11	52.34 -0.20 -1.80	46.99 -0.23 -1.06	39.17 -0.04 -0.64	34.48 0.00 -0.41	31.66 -0.09 -0.62
HELLGATE_13_KV_LD 55870	32.22 3.01 -0.01	28.93 2.58 0.00	27.11 2.26 0.00	26.55 2.10 0.00	26.19 2.10 0.00	25.46 1.95 0.00	25.03 1.64 0.00	24.18 1.52 0.00	25.96 2.14 0.00	27.96 2.57 0.00	30.86 2.98 -0.01	35.86 3.42 -1.85	36.52 3.50 0.00	38.46 3.69 -0.01	40.99 3.56 0.00	44.49 3.75 0.00	51.98 4.51 0.00	56.73 4.68 0.00	60.84 4.71 0.00	54.70 3.96 0.00	49.85 3.69 0.00	41.61 3.05 0.00	37.10 3.03 -0.01	34.19 3.05 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	32.22 3.01 -0.01	28.93 2.58 0.00	27.11 2.26 0.00	26.55 2.10 0.00	26.19 2.10 0.00	25.46 1.95 0.00	25.03 1.64 0.00	24.18 1.52 0.00	25.96 2.14 0.00	27.96 2.57 0.00	30.86 2.98 -0.01	35.86 3.42 -1.85	36.52 3.50 0.00	38.46 3.69 -0.01	40.99 3.56 0.00	44.49 3.75 0.00	51.98 4.51 0.00	56.73 4.68 0.00	60.84 4.71 0.00	54.70 3.96 0.00	49.85 3.69 0.00	41.61 3.05 0.00	37.10 3.03 -0.01	34.19 3.05 -0.01
HEMPSTEAD____ 23647	36.61 3.09 -4.32	35.58 2.69 -6.55	33.29 2.39 -6.06	30.95 2.25 -4.26	27.18 2.21 -0.88	27.85 2.09 -2.26	25.19 1.80 0.00	24.40 1.74 0.00	31.86 2.38 -5.66	35.43 2.72 -7.31	38.23 3.09 -7.27	44.35 3.58 -10.19	45.39 3.70 -8.67	49.65 4.00 -10.89	50.29 4.12 -8.73	51.59 4.36 -6.49	57.81 5.22 -5.13	62.00 5.46 -4.49	65.15 5.73 -3.30	55.47 4.72 0.00	50.27 4.11 0.00	45.43 3.78 -3.08	40.69 3.34 -3.28	38.43 3.11 -4.18
HEWLETT_69_KV_BK3 55828	36.93 3.42 -4.32	35.85 2.95 -6.55	33.54 2.63 -6.06	31.17 2.47 -4.26	27.40 2.43 -0.88	28.09 2.33 -2.26	25.42 2.03 0.00	24.56 1.90 0.00	32.05 2.57 -5.66	35.68 2.97 -7.31	38.53 3.40 -7.27	44.68 3.91 -10.19	45.72 4.03 -8.67	50.00 4.35 -10.89	50.55 4.38 -8.73	51.92 4.68 -6.49	57.86 5.27 -5.13	62.16 5.62 -4.49	65.21 5.78 -3.30	55.62 4.87 0.00	50.59 4.43 0.00	45.66 4.01 -3.08	41.03 3.68 -3.28	38.86 3.55 -4.18
HICKLING___1 23621	30.05 0.61 -0.24	26.92 0.50 -0.08	25.27 0.42 0.00	24.74 0.29 0.00	24.35 0.26 0.00	23.79 0.28 0.00	23.55 0.16 0.00	22.68 0.02 0.00	23.99 0.17 0.00	25.78 0.36 -0.03	28.43 0.45 -0.11	31.42 0.58 -0.26	34.10 0.86 -0.23	35.92 0.94 -0.21	38.67 0.94 -0.30	42.06 0.90 -0.42	49.18 1.04 -0.67	53.46 0.57 -0.84	58.20 0.90 -1.18	52.77 1.01 -1.01	47.59 0.83 -0.60	39.89 0.96 -0.36	35.28 0.99 -0.23	32.13 0.65 -0.35
HICKLING___2 23622	30.05 0.61 -0.24	26.92 0.50 -0.08	25.27 0.42 0.00	24.74 0.29 0.00	24.35 0.26 0.00	23.79 0.28 0.00	23.55 0.16 0.00	22.68 0.02 0.00	23.99 0.17 0.00	25.78 0.36 -0.03	28.43 0.45 -0.11	31.42 0.58 -0.26	34.10 0.86 -0.23	35.92 0.94 -0.21	38.67 0.94 -0.30	42.06 0.90 -0.42	49.18 1.04 -0.67	53.46 0.57 -0.84	58.20 0.90 -1.18	52.77 1.01 -1.01	47.59 0.83 -0.60	39.89 0.96 -0.36	35.28 0.99 -0.23	32.13 0.65 -0.35
HIGH FALLS___HY 23754	31.65 2.45 0.00	28.48 2.13 0.00	26.71 1.86 0.00	26.18 1.74 0.00	25.77 1.69 0.00	25.13 1.62 0.00	24.72 1.33 0.00	23.86 1.20 0.00	25.39 1.57 0.00	27.35 1.96 0.00	30.10 2.23 0.00	33.18 2.60 0.00	35.82 2.81 0.00	37.55 2.78 0.00	40.36 2.92 0.00	43.87 3.14 0.00	51.31 3.84 0.00	56.26 4.22 0.00	60.50 4.38 0.00	54.45 3.70 0.00	49.44 3.28 0.00	41.46 2.89 0.00	36.69 2.62 0.00	33.59 2.46 0.00
HIGH_RIVER___SOLAR 323847	30.78 1.58 0.00	27.82 1.47 0.00	26.19 1.34 0.00	25.77 1.32 0.00	25.34 1.25 0.00	24.73 1.22 0.00	24.35 0.96 0.00	23.45 0.79 0.00	24.82 1.00 0.00	26.49 1.09 0.00	29.07 1.20 0.00	31.92 1.34 0.00	34.47 1.45 0.00	36.33 1.57 0.00	39.16 1.72 0.00	42.65 1.92 0.00	49.74 2.28 0.00	54.80 2.76 0.00	59.44 3.31 0.00	53.84 3.10 0.00	48.98 2.82 0.00	40.88 2.31 0.00	36.00 1.94 0.00	32.81 1.68 0.00

HILLBURN___GT 23639	31.60 2.39 0.00	28.48 2.13 0.00	26.73 1.89 0.00	26.21 1.76 0.00	25.82 1.74 0.00	25.13 1.62 0.00	24.77 1.38 0.00	24.02 1.36 0.00	25.68 1.86 0.00	27.53 2.13 0.00	30.27 2.40 0.00	33.36 2.78 0.00	35.86 2.84 0.00	37.86 3.09 0.00	40.62 3.18 0.00	44.16 3.42 0.00	51.55 4.08 0.00	56.26 4.21 0.00	60.56 4.43 0.00	54.40 3.66 0.00	49.39 3.23 0.00	41.42 2.85 0.00	36.55 2.49 0.00	33.46 2.34 0.00
HILLSIDE_115KV_TB1 80332	29.68 0.23 -0.25	26.58 0.16 -0.08	24.97 0.12 0.00	24.45 0.00 0.00	24.06 -0.02 0.00	23.50 0.00 0.00	23.27 -0.12 0.00	22.43 -0.23 0.00	23.72 -0.10 0.00	25.48 0.05 -0.03	28.10 0.11 -0.12	31.03 0.18 -0.27	33.65 0.40 -0.24	35.44 0.45 -0.22	38.16 0.41 -0.31	41.46 0.29 -0.44	48.49 0.33 -0.69	52.76 -0.16 -0.87	57.40 0.06 -1.22	51.99 0.20 -1.04	46.87 0.09 -0.62	39.28 0.35 -0.37	34.71 0.41 -0.24	31.68 0.19 -0.36
HISHELDN_WT_PWR 323625	29.00 -0.20 0.00	25.95 -0.39 0.00	24.55 -0.30 0.00	23.98 -0.47 0.00	23.58 -0.51 0.00	23.06 -0.45 0.00	22.81 -0.58 0.00	21.96 -0.70 0.00	23.15 -0.67 0.00	24.96 -0.43 0.00	27.45 -0.42 0.00	30.09 -0.49 0.00	32.89 -0.13 0.00	34.70 -0.07 0.00	37.29 -0.15 0.00	40.21 -0.53 0.00	46.66 -0.81 0.00	50.54 -1.51 0.00	54.44 -1.68 0.00	49.78 -0.97 0.00	45.28 -0.88 0.00	37.60 -0.96 0.00	33.93 -0.14 0.00	31.22 0.09 0.00
HOLTSVILLE_IC_1 23690	36.82 3.30 -4.32	35.79 2.90 -6.55	33.46 2.56 -6.06	31.13 2.42 -4.26	27.38 2.41 -0.88	28.04 2.28 -2.26	25.38 1.99 0.00	24.56 1.90 0.00	32.03 2.55 -5.66	35.55 2.84 -7.31	38.34 3.20 -7.27	62.70 3.64 -28.49	45.26 3.73 -8.51	122.79 4.10 -83.92	133.44 4.23 -91.78	137.16 4.56 -91.86	144.58 5.46 -91.66	144.75 5.73 -86.97	137.81 6.12 -75.57	116.83 5.12 -60.96	53.73 4.43 -3.13	61.43 3.97 -18.89	40.76 3.41 -3.29	38.52 3.21 -4.18
HOLTSVILLE_IC_10 23699	37.02 3.50 -4.32	35.95 3.05 -6.55	33.59 2.68 -6.06	31.27 2.57 -4.26	27.50 2.53 -0.88	28.16 2.40 -2.26	25.50 2.11 0.00	24.67 2.02 0.00	32.14 2.67 -5.66	35.70 3.00 -7.31	38.56 3.43 -7.27	64.38 3.91 -29.89	45.49 4.03 -8.45	128.83 4.42 -89.64	140.32 4.60 -98.28	144.21 4.93 -98.55	151.84 5.93 -98.44	151.73 6.24 -93.44	144.03 6.68 -81.23	122.12 5.63 -65.74	54.39 4.85 -3.38	63.02 4.32 -20.14	41.07 3.71 -3.29	38.77 3.45 -4.18
HOLTSVILLE_IC_2 23691	36.82 3.30 -4.32	35.79 2.90 -6.55	33.46 2.56 -6.06	31.13 2.42 -4.26	27.38 2.41 -0.88	28.04 2.28 -2.26	25.38 1.99 0.00	24.56 1.90 0.00	32.03 2.55 -5.66	35.55 2.84 -7.31	38.34 3.20 -7.27	62.70 3.64 -28.49	45.26 3.73 -8.51	122.79 4.10 -83.92	133.44 4.23 -91.78	137.16 4.56 -91.86	144.58 5.46 -91.66	144.75 5.73 -86.97	137.81 6.12 -75.57	116.83 5.12 -60.96	53.73 4.43 -3.13	61.43 3.97 -18.89	40.76 3.41 -3.29	38.52 3.21 -4.18
HOLTSVILLE_IC_3 23692	36.82 3.30 -4.32	35.79 2.90 -6.55	33.46 2.56 -6.06	31.13 2.42 -4.26	27.38 2.41 -0.88	28.04 2.28 -2.26	25.38 1.99 0.00	24.56 1.90 0.00	32.03 2.55 -5.66	35.55 2.84 -7.31	38.34 3.20 -7.27	62.70 3.64 -28.49	45.26 3.73 -8.51	122.79 4.10 -83.92	133.44 4.23 -91.78	137.16 4.56 -91.86	144.58 5.46 -91.66	144.75 5.73 -86.97	137.81 6.12 -75.57	116.83 5.12 -60.96	53.73 4.43 -3.13	61.43 3.97 -18.89	40.76 3.41 -3.29	38.52 3.21 -4.18
HOLTSVILLE_IC_4 23693	36.82 3.30 -4.32	35.79 2.90 -6.55	33.46 2.56 -6.06	31.13 2.42 -4.26	27.38 2.41 -0.88	28.04 2.28 -2.26	25.38 1.99 0.00	24.56 1.90 0.00	32.03 2.55 -5.66	35.55 2.84 -7.31	38.34 3.20 -7.27	62.70 3.64 -28.49	45.26 3.73 -8.51	122.79 4.10 -83.92	133.44 4.23 -91.78	137.16 4.56 -91.86	144.58 5.46 -91.66	144.75 5.73 -86.97	137.81 6.12 -75.57	116.83 5.12 -60.96	53.73 4.43 -3.13	61.43 3.97 -18.89	40.76 3.41 -3.29	38.52 3.21 -4.18
HOLTSVILLE_IC_5 23694	36.82 3.30 -4.32	35.79 2.90 -6.55	33.46 2.56 -6.06	31.13 2.42 -4.26	27.38 2.41 -0.88	28.04 2.28 -2.26	25.38 1.99 0.00	24.56 1.90 0.00	32.03 2.55 -5.66	35.55 2.84 -7.31	38.34 3.20 -7.27	62.70 3.64 -28.49	45.26 3.73 -8.51	122.79 4.10 -83.92	133.44 4.23 -91.78	137.16 4.56 -91.86	144.58 5.46 -91.66	144.75 5.73 -86.97	137.81 6.12 -75.57	116.83 5.12 -60.96	53.73 4.43 -3.13	61.43 3.97 -18.89	40.76 3.41 -3.29	38.52 3.21 -4.18
HOLTSVILLE_IC_6 23695	37.02 3.50 -4.32	35.95 3.05 -6.55	33.59 2.68 -6.06	31.27 2.57 -4.26	27.50 2.53 -0.88	28.16 2.40 -2.26	25.50 2.11 0.00	24.67 2.02 0.00	32.14 2.67 -5.66	35.70 3.00 -7.31	38.56 3.43 -7.27	64.38 3.91 -29.89	45.49 4.03 -8.45	128.83 4.42 -89.64	140.32 4.60 -98.28	144.21 4.93 -98.55	151.84 5.93 -98.44	151.73 6.24 -93.44	144.03 6.68 -81.23	122.12 5.63 -65.74	54.39 4.85 -3.38	63.02 4.32 -20.14	41.07 3.71 -3.29	38.77 3.45 -4.18
HOLTSVILLE_IC_7 23696	37.02 3.50 -4.32	35.95 3.05 -6.55	33.59 2.68 -6.06	31.27 2.57 -4.26	27.50 2.53 -0.88	28.16 2.40 -2.26	25.50 2.11 0.00	24.67 2.02 0.00	32.14 2.67 -5.66	35.70 3.00 -7.31	38.56 3.43 -7.27	64.38 3.91 -29.89	45.49 4.03 -8.45	128.83 4.42 -89.64	140.32 4.60 -98.28	144.21 4.93 -98.55	151.84 5.93 -98.44	151.73 6.24 -93.44	144.03 6.68 -81.23	122.12 5.63 -65.74	54.39 4.85 -3.38	63.02 4.32 -20.14	41.07 3.71 -3.29	38.77 3.45 -4.18
HOLTSVILLE_IC_8 23697	37.02 3.50 -4.32	35.95 3.05 -6.55	33.59 2.68 -6.06	31.27 2.57 -4.26	27.50 2.53 -0.88	28.16 2.40 -2.26	25.50 2.11 0.00	24.67 2.02 0.00	32.14 2.67 -5.66	35.70 3.00 -7.31	38.56 3.43 -7.27	64.38 3.91 -29.89	45.49 4.03 -8.45	128.83 4.42 -89.64	140.32 4.60 -98.28	144.21 4.93 -98.55	151.84 5.93 -98.44	151.73 6.24 -93.44	144.03 6.68 -81.23	122.12 5.63 -65.74	54.39 4.85 -3.38	63.02 4.32 -20.14	41.07 3.71 -3.29	38.77 3.45 -4.18
HOLTSVILLE_IC_9 23698	37.02 3.50 -4.32	35.95 3.05 -6.55	33.59 2.68 -6.06	31.27 2.57 -4.26	27.50 2.53 -0.88	28.16 2.40 -2.26	25.50 2.11 0.00	24.67 2.02 0.00	32.14 2.67 -5.66	35.70 3.00 -7.31	38.56 3.43 -7.27	64.38 3.91 -29.89	45.49 4.03 -8.45	128.83 4.42 -89.64	140.32 4.60 -98.28	144.21 4.93 -98.55	151.84 5.93 -98.44	151.73 6.24 -93.44	144.03 6.68 -81.23	122.12 5.63 -65.74	54.39 4.85 -3.38	63.02 4.32 -20.14	41.07 3.71 -3.29	38.77 3.45 -4.18
HOMER_HL_115KV_TB2 355744	29.26 0.06 0.00	26.27 -0.08 0.00	24.82 -0.02 0.00	24.23 -0.22 0.00	23.82 -0.26 0.00	23.32 -0.19 0.00	23.04 -0.35 0.00	22.09 -0.57 0.00	23.44 -0.38 0.00	25.22 -0.18 0.00	27.76 -0.11 0.00	30.52 -0.06 0.00	33.32 0.30 0.00	35.15 0.38 0.00	37.25 -0.19 0.00	40.29 -0.45 0.00	46.90 -0.57 0.00	50.43 -1.61 0.00	54.72 -1.40 0.00	49.78 -0.96 0.00	45.10 -1.06 0.00	38.14 -0.42 0.00	34.17 0.10 0.00	31.00 -0.12 0.00
HOWARD_WT_PWR 323690	29.99 0.61 -0.18	26.82 0.42 -0.06	25.22 0.37 0.00	24.67 0.22 0.00	24.28 0.19 0.00	23.72 0.21 0.00	23.51 0.12 0.00	22.68 0.02 0.00	23.91 0.10 0.00	25.75 0.33 -0.02	28.34 0.39 -0.08	31.23 0.46 -0.19	34.01 0.83 -0.17	35.89 0.97 -0.16	38.59 0.94 -0.22	41.78 0.73 -0.31	48.67 0.71 -0.49	53.08 0.41 -0.62	57.55 0.56 -0.86	52.40 0.91 -0.74	47.52 0.92 -0.44	39.44 0.62 -0.26	35.39 1.16 -0.17	32.50 1.12 -0.26

HQ_GEN_CEDARS 23644	27.92 -1.28 0.00	25.26 -1.08 0.00	23.78 -1.07 0.00	23.37 -1.08 0.00	23.08 -1.01 0.00	22.54 -0.96 0.00	22.69 -0.70 0.00	22.16 -0.50 0.00	23.03 -0.79 0.00	24.48 -0.91 0.00	26.84 -1.03 0.00	29.32 -1.25 0.00	31.70 -1.32 0.00	33.31 -1.46 0.00	35.90 -1.53 0.00	39.11 -1.63 0.00	45.71 -1.76 0.00	50.33 -1.72 0.00	54.27 -1.85 0.00	49.28 -1.47 0.00	44.91 -1.25 0.00	37.25 -1.31 0.00	32.84 -1.23 0.00	29.98 -1.15 0.00
HQ_GEN_CEDARS_PROXY 323590	27.92 -1.28 0.00	25.26 -1.08 0.00	23.78 -1.07 0.00	23.37 -1.08 0.00	23.08 -1.01 0.00	22.56 -0.94 0.00	22.62 -0.65 0.11	22.27 -0.50 -0.11	23.03 -0.79 0.00	24.46 -0.94 0.00	26.84 -1.03 0.00	29.32 -1.26 0.00	31.70 -1.32 0.00	33.31 -1.46 0.00	35.90 -1.54 0.00	39.11 -1.63 0.00	45.71 -1.76 0.00	50.33 -1.72 0.00	54.27 -1.85 0.00	49.27 -1.47 0.00	44.92 -1.24 0.00	37.25 -1.31 0.00	32.84 -1.22 0.00	29.95 -1.18 0.00
HQ_GEN_IMPORT 323601	28.50 -0.70 0.00	25.74 -0.60 0.00	24.25 -0.60 0.00	23.86 -0.59 0.00	23.54 -0.55 0.00	23.01 -0.49 0.00	23.00 -0.28 0.11	22.94 -0.20 -0.49	23.01 -0.43 0.38	24.86 -0.53 0.00	27.28 -0.59 0.00	29.88 -0.70 0.00	32.23 -0.79 0.00	33.93 -0.83 0.00	36.54 -0.90 0.00	39.80 -0.94 0.00	46.42 -1.04 0.00	50.95 -1.10 0.00	54.94 -1.18 0.00	49.73 -1.01 0.00	45.28 -0.88 0.00	37.71 -0.85 0.00	33.28 -0.78 0.00	30.41 -0.71 0.00
HQ_GEN_WHEEL 23651	28.50 -0.70 0.00	25.74 -0.60 0.00	24.25 -0.60 0.00	23.86 -0.59 0.00	23.54 -0.55 0.00	23.01 -0.49 0.00	23.00 -0.28 0.11	22.94 -0.20 -0.49	23.01 -0.43 0.38	24.86 -0.53 0.00	27.28 -0.59 0.00	29.88 -0.70 0.00	32.23 -0.79 0.00	33.93 -0.83 0.00	36.54 -0.90 0.00	39.80 -0.94 0.00	46.42 -1.04 0.00	50.95 -1.10 0.00	54.94 -1.18 0.00	49.73 -1.01 0.00	45.28 -0.88 0.00	37.71 -0.85 0.00	33.28 -0.78 0.00	30.41 -0.71 0.00
HUDSON AVE_GT_3 23810	32.15 2.95 0.00	28.85 2.50 0.00	27.03 2.19 0.00	26.48 2.03 0.00	26.09 2.00 0.00	25.39 1.88 0.00	25.03 1.64 0.00	24.22 1.56 0.00	26.01 2.19 0.00	27.96 2.57 0.00	30.79 2.93 0.00	35.24 3.39 -1.27	36.45 3.43 0.00	38.46 3.69 -0.01	41.14 3.71 0.00	44.65 3.91 0.00	52.07 4.60 0.00	56.89 4.84 0.00	61.06 4.94 0.00	54.86 4.11 0.00	49.95 3.79 0.00	41.73 3.16 0.00	37.03 2.96 0.00	34.12 2.99 0.00
HUDSON AVE_GT_4 23540	32.15 2.95 0.00	28.85 2.50 0.00	27.03 2.19 0.00	26.48 2.03 0.00	26.09 2.00 0.00	25.39 1.88 0.00	25.03 1.64 0.00	24.22 1.56 0.00	26.01 2.19 0.00	27.96 2.57 0.00	30.79 2.93 0.00	35.24 3.39 -1.27	36.45 3.43 0.00	38.46 3.69 -0.01	41.14 3.71 0.00	44.65 3.91 0.00	52.07 4.60 0.00	56.89 4.84 0.00	61.06 4.94 0.00	54.86 4.11 0.00	49.95 3.79 0.00	41.73 3.16 0.00	37.03 2.96 0.00	34.12 2.99 0.00
HUDSON AVE_GT_5 23657	32.15 2.95 0.00	28.85 2.50 0.00	27.03 2.19 0.00	26.48 2.03 0.00	26.09 2.00 0.00	25.39 1.88 0.00	25.03 1.64 0.00	24.22 1.56 0.00	26.01 2.19 0.00	27.96 2.57 0.00	30.79 2.93 0.00	35.24 3.39 -1.27	36.45 3.43 0.00	38.46 3.69 -0.01	41.14 3.71 0.00	44.65 3.91 0.00	52.07 4.60 0.00	56.89 4.84 0.00	61.06 4.94 0.00	54.86 4.11 0.00	49.95 3.79 0.00	41.73 3.16 0.00	37.03 2.96 0.00	34.12 2.99 0.00
HUDSON_AVE_10 24168	32.09 2.89 0.00	28.82 2.48 0.00	26.98 2.14 0.00	26.40 1.96 0.00	26.04 1.95 0.00	25.34 1.83 0.00	24.98 1.59 0.00	24.18 1.52 0.00	25.99 2.17 0.00	27.94 2.54 0.00	30.77 2.90 0.00	35.24 3.39 -1.27	36.39 3.37 0.00	38.42 3.65 -0.01	41.07 3.63 0.00	44.57 3.83 0.00	51.98 4.51 0.00	56.83 4.79 0.00	60.95 4.83 0.00	54.81 4.06 0.00	49.90 3.74 0.00	41.65 3.09 0.00	36.96 2.90 0.00	34.09 2.96 0.00
HUDSON___115KV_TB 4 355613	30.81 1.61 0.00	27.87 1.53 0.00	26.41 1.57 0.00	25.99 1.54 0.00	25.61 1.52 0.00	25.01 1.50 0.00	24.75 1.36 0.00	23.79 1.13 0.00	25.13 1.31 0.00	26.49 1.09 0.00	28.98 1.11 0.00	31.77 1.19 0.00	34.44 1.42 0.00	36.26 1.49 0.00	39.20 1.76 0.00	42.82 2.08 0.00	50.08 2.61 0.00	55.17 3.12 0.00	59.66 3.54 0.00	53.94 3.20 0.00	49.02 2.86 0.00	40.84 2.28 0.00	35.94 1.87 0.00	32.78 1.65 0.00
HUNTER MOUNT___DRP 323613	30.92 1.72 0.00	27.98 1.63 0.00	26.56 1.71 0.00	26.13 1.69 0.00	25.75 1.66 0.00	25.17 1.67 0.00	24.89 1.50 0.00	23.90 1.25 0.00	25.15 1.33 0.00	26.46 1.07 0.00	28.93 1.06 0.00	31.71 1.13 0.00	34.47 1.45 0.00	36.29 1.53 0.00	39.27 1.83 0.00	42.98 2.24 0.00	50.36 2.90 0.00	55.53 3.49 0.00	60.17 4.04 0.00	54.45 3.70 0.00	49.48 3.32 0.00	41.15 2.58 0.00	36.18 2.11 0.00	32.93 1.81 0.00
HUNTINGTON_RES_REC 323705	36.61 3.09 -4.32	35.66 2.77 -6.55	33.36 2.46 -6.06	31.05 2.35 -4.26	27.28 2.31 -0.88	27.95 2.19 -2.26	25.28 1.89 0.00	24.47 1.81 0.00	31.95 2.48 -5.66	35.48 2.77 -7.31	38.17 3.04 -7.26	90.51 3.55 -56.39	44.70 3.63 -8.05	234.66 4.07 -195.83	260.74 4.27 -219.03	268.04 4.64 -222.66	277.28 5.55 -224.27	271.35 5.93 -213.37	248.71 6.28 -186.30	210.41 5.28 -154.39	58.41 4.29 -7.95	85.56 3.86 -43.14	40.61 3.27 -3.28	38.33 3.02 -4.18
HUNTLEY___63 23557	28.79 -0.41 0.00	25.82 -0.53 0.00	24.40 -0.45 0.00	23.81 -0.64 0.00	23.39 -0.70 0.00	22.89 -0.61 0.00	22.62 -0.77 0.00	21.62 -1.04 0.00	22.87 -0.95 0.00	24.61 -0.79 0.00	27.12 -0.75 0.00	29.75 -0.83 0.00	32.56 -0.46 0.00	34.42 -0.35 0.00	36.95 -0.49 0.00	39.88 -0.86 0.00	46.85 -0.62 0.00	49.96 -2.08 0.00	54.22 -1.91 0.00	49.43 -1.32 0.00	44.59 -1.57 0.00	37.95 -0.62 0.00	33.69 -0.37 0.00	30.41 -0.72 0.00
HUNTLEY___64 23558	28.79 -0.41 0.00	25.82 -0.53 0.00	24.40 -0.45 0.00	23.81 -0.64 0.00	23.39 -0.70 0.00	22.89 -0.61 0.00	22.62 -0.77 0.00	21.62 -1.04 0.00	22.87 -0.95 0.00	24.61 -0.79 0.00	27.12 -0.75 0.00	29.75 -0.83 0.00	32.56 -0.46 0.00	34.42 -0.35 0.00	36.95 -0.49 0.00	39.88 -0.86 0.00	46.85 -0.62 0.00	49.96 -2.08 0.00	54.22 -1.91 0.00	49.43 -1.32 0.00	44.59 -1.57 0.00	37.95 -0.62 0.00	33.69 -0.37 0.00	30.41 -0.72 0.00
HUNTLEY___65 23559	28.79 -0.41 0.00	25.82 -0.53 0.00	24.40 -0.45 0.00	23.81 -0.64 0.00	23.39 -0.70 0.00	22.89 -0.61 0.00	22.62 -0.77 0.00	21.62 -1.04 0.00	22.87 -0.95 0.00	24.61 -0.79 0.00	27.12 -0.75 0.00	29.75 -0.83 0.00	32.56 -0.46 0.00	34.42 -0.35 0.00	36.95 -0.49 0.00	39.88 -0.86 0.00	46.85 -0.62 0.00	49.96 -2.08 0.00	54.22 -1.91 0.00	49.43 -1.32 0.00	44.59 -1.57 0.00	37.95 -0.62 0.00	33.69 -0.37 0.00	30.41 -0.72 0.00
HUNTLEY___66 23560	28.79 -0.41 0.00	25.82 -0.53 0.00	24.40 -0.45 0.00	23.81 -0.64 0.00	23.39 -0.70 0.00	22.89 -0.61 0.00	22.62 -0.77 0.00	21.62 -1.04 0.00	22.87 -0.95 0.00	24.61 -0.79 0.00	27.12 -0.75 0.00	29.75 -0.83 0.00	32.56 -0.46 0.00	34.42 -0.35 0.00	36.95 -0.49 0.00	39.88 -0.86 0.00	46.85 -0.62 0.00	49.96 -2.08 0.00	54.22 -1.91 0.00	49.43 -1.32 0.00	44.59 -1.57 0.00	37.95 -0.62 0.00	33.69 -0.37 0.00	30.41 -0.72 0.00

HUNTLEY___67 23561	28.62 -0.58 0.00	25.66 -0.68 0.00	24.27 -0.57 0.00	23.71 -0.73 0.00	23.29 -0.79 0.00	22.78 -0.73 0.00	22.50 -0.89 0.00	21.55 -1.11 0.00	22.79 -1.02 0.00	24.53 -0.86 0.00	27.00 -0.86 0.00	29.60 -0.98 0.00	32.39 -0.63 0.00	34.21 -0.56 0.00	36.73 -0.71 0.00	39.64 -1.10 0.00	46.52 -0.95 0.00	49.70 -2.34 0.00	53.88 -2.25 0.00	49.17 -1.57 0.00	44.31 -1.85 0.00	37.71 -0.85 0.00	33.48 -0.58 0.00	30.26 -0.87 0.00
HUNTLEY___68 23562	28.62 -0.58 0.00	25.66 -0.68 0.00	24.27 -0.57 0.00	23.71 -0.73 0.00	23.29 -0.79 0.00	22.78 -0.73 0.00	22.50 -0.89 0.00	21.55 -1.11 0.00	22.79 -1.02 0.00	24.53 -0.86 0.00	27.00 -0.86 0.00	29.60 -0.98 0.00	32.39 -0.63 0.00	34.21 -0.56 0.00	36.73 -0.71 0.00	39.64 -1.10 0.00	46.52 -0.95 0.00	49.70 -2.34 0.00	53.88 -2.25 0.00	49.17 -1.57 0.00	44.31 -1.85 0.00	37.71 -0.85 0.00	33.48 -0.58 0.00	30.26 -0.87 0.00
HYLAND___LFG 323620	30.52 1.32 0.00	27.35 1.00 0.00	25.76 0.92 0.00	25.16 0.71 0.00	24.74 0.65 0.00	24.14 0.63 0.00	23.79 0.40 0.00	22.61 -0.05 0.00	23.32 -0.50 0.00	24.79 -0.61 0.00	26.92 -0.95 0.00	29.48 -1.10 0.00	32.13 -0.89 0.00	33.97 -0.80 0.00	35.49 -1.95 0.00	38.50 -2.24 0.00	45.05 -2.42 0.00	50.07 -1.98 0.00	55.34 -0.79 0.00	51.61 0.86 0.00	47.36 1.20 0.00	39.37 0.81 0.00	36.18 2.11 0.00	33.12 1.99 0.00
INDECK___CORINTH 23802	30.81 1.60 0.00	27.85 1.50 0.00	26.16 1.32 0.00	25.69 1.25 0.00	25.27 1.18 0.00	24.70 1.20 0.00	24.33 0.94 0.00	23.50 0.84 0.00	24.99 1.17 0.00	26.67 1.27 0.00	29.09 1.22 0.00	31.92 1.34 0.00	34.57 1.55 0.00	36.23 1.46 0.00	39.08 1.65 0.00	42.65 1.92 0.00	49.70 2.23 0.00	54.65 2.60 0.00	59.72 3.60 0.00	54.04 3.30 0.00	49.34 3.18 0.00	41.11 2.54 0.00	36.04 1.97 0.00	32.78 1.65 0.00
INDECK___ILION 23567	29.87 0.67 0.00	26.95 0.61 0.00	25.42 0.57 0.00	25.01 0.56 0.00	24.62 0.53 0.00	24.02 0.52 0.00	23.83 0.44 0.00	23.04 0.39 0.00	24.30 0.48 0.00	25.93 0.53 0.00	28.45 0.59 0.00	31.25 0.67 0.00	33.71 0.69 0.00	35.50 0.73 0.00	38.22 0.79 0.00	41.59 0.86 0.00	48.37 0.90 0.00	53.19 1.15 0.00	57.42 1.29 0.00	51.91 1.17 0.00	47.22 1.06 0.00	39.45 0.89 0.00	34.85 0.78 0.00	31.84 0.72 0.00
INDECK___OLEAN 23982	29.29 0.09 0.00	26.27 -0.08 0.00	24.80 -0.05 0.00	24.20 -0.24 0.00	23.82 -0.26 0.00	23.27 -0.24 0.00	23.04 -0.35 0.00	22.20 -0.45 0.00	23.46 -0.36 0.00	25.27 -0.13 0.00	27.81 -0.06 0.00	30.52 -0.06 0.00	33.31 0.30 0.00	35.18 0.42 0.00	37.81 0.37 0.00	40.29 -0.45 0.00	46.61 -0.85 0.00	50.49 -1.56 0.00	54.44 -1.68 0.00	49.63 -1.12 0.00	45.24 -0.92 0.00	37.64 -0.93 0.00	34.10 0.03 0.00	31.41 0.28 0.00
INDECK___OSWEGO 23783	30.54 -0.56 -1.90	26.44 -0.53 -0.62	24.32 -0.52 0.00	23.93 -0.51 0.00	23.56 -0.53 0.00	22.97 -0.54 0.00	22.81 -0.58 0.00	22.07 -0.59 0.00	23.25 -0.57 0.00	25.05 -0.56 -0.22	28.14 -0.61 -0.89	32.00 -0.61 -2.04	34.18 -0.63 -1.79	35.82 -0.62 -1.68	39.14 -0.67 -2.37	42.95 -1.10 -3.31	51.39 -1.33 -5.25	57.21 -1.46 -6.62	63.90 -1.51 -9.29	57.35 -1.32 -7.92	49.69 -1.15 -4.68	40.77 -0.62 -2.83	35.42 -0.48 -1.83	33.41 -0.47 -2.75
INDECK___YERKES 23781	28.91 -0.29 0.00	25.84 -0.50 0.00	24.47 -0.37 0.00	23.86 -0.59 0.00	23.46 -0.63 0.00	22.89 -0.61 0.00	22.62 -0.77 0.00	21.73 -0.93 0.00	22.89 -0.93 0.00	24.71 -0.68 0.00	27.20 -0.67 0.00	29.78 -0.80 0.00	32.59 -0.43 0.00	34.42 -0.35 0.00	37.03 -0.41 0.00	39.88 -0.86 0.00	46.28 -1.18 0.00	49.96 -2.08 0.00	53.77 -2.36 0.00	49.27 -1.47 0.00	44.78 -1.38 0.00	37.14 -1.43 0.00	33.59 -0.48 0.00	30.97 -0.15 0.00
INDIAN POINT_GT_1 24139	31.65 2.45 0.00	28.48 2.13 0.00	26.73 1.89 0.00	26.21 1.76 0.00	25.82 1.73 0.00	25.15 1.65 0.00	24.79 1.40 0.00	23.97 1.31 0.00	25.68 1.86 0.00	27.58 2.18 0.00	30.32 2.45 0.00	33.39 2.81 0.00	35.89 2.87 0.00	37.82 3.06 0.00	40.58 3.14 0.00	44.08 3.34 0.00	51.36 3.89 0.00	56.21 4.16 0.00	60.39 4.27 0.00	54.30 3.55 0.00	49.39 3.23 0.00	41.22 2.66 0.00	36.52 2.45 0.00	33.59 2.46 0.00
INDIAN POINT_GT_2 23659	31.65 2.45 0.00	28.48 2.13 0.00	26.73 1.89 0.00	26.21 1.76 0.00	25.82 1.73 0.00	25.15 1.65 0.00	24.79 1.40 0.00	23.97 1.31 0.00	25.68 1.86 0.00	27.58 2.18 0.00	30.32 2.45 0.00	33.39 2.81 0.00	35.89 2.87 0.00	37.82 3.06 0.00	40.58 3.14 0.00	44.08 3.34 0.00	51.36 3.89 0.00	56.21 4.16 0.00	60.39 4.27 0.00	54.30 3.55 0.00	49.39 3.23 0.00	41.22 2.66 0.00	36.52 2.45 0.00	33.59 2.46 0.00
INDIAN POINT_GT_3 24019	31.65 2.45 0.00	28.48 2.13 0.00	26.73 1.89 0.00	26.21 1.76 0.00	25.82 1.73 0.00	25.15 1.65 0.00	24.79 1.40 0.00	23.97 1.31 0.00	25.68 1.86 0.00	27.58 2.18 0.00	30.32 2.45 0.00	33.39 2.81 0.00	35.89 2.87 0.00	37.82 3.06 0.00	40.58 3.14 0.00	44.08 3.34 0.00	51.36 3.89 0.00	56.21 4.16 0.00	60.39 4.27 0.00	54.30 3.55 0.00	49.39 3.23 0.00	41.22 2.66 0.00	36.52 2.45 0.00	33.59 2.46 0.00
INDIAN POINT___2 23530	31.60 2.39 0.00	28.45 2.11 0.00	26.71 1.86 0.00	26.18 1.74 0.00	25.80 1.71 0.00	25.10 1.60 0.00	24.75 1.36 0.00	23.99 1.34 0.00	25.68 1.86 0.00	27.53 2.13 0.00	30.24 2.37 0.00	33.33 2.75 0.00	35.79 2.77 0.00	37.83 3.06 0.00	40.58 3.15 0.00	44.08 3.34 0.00	51.45 3.99 0.00	56.21 4.17 0.00	60.45 4.32 0.00	54.35 3.60 0.00	49.30 3.14 0.00	41.38 2.81 0.00	36.52 2.45 0.00	33.46 2.34 0.00
INDIAN POINT___3 23531	31.59 2.39 0.00	28.45 2.11 0.00	26.71 1.86 0.00	26.18 1.74 0.00	25.80 1.71 0.00	25.13 1.62 0.00	24.77 1.38 0.00	23.95 1.29 0.00	25.65 1.83 0.00	27.53 2.13 0.00	30.24 2.37 0.00	33.30 2.72 0.00	35.76 2.74 0.00	37.69 2.92 0.00	40.43 2.99 0.00	43.96 3.22 0.00	51.17 3.70 0.00	56.00 3.96 0.00	60.17 4.04 0.00	54.15 3.40 0.00	49.25 3.09 0.00	41.11 2.55 0.00	36.41 2.35 0.00	33.49 2.37 0.00
INGHAM_C_115KV_TB7 356103	30.28 1.08 0.00	27.32 0.97 0.00	25.79 0.94 0.00	25.35 0.90 0.00	24.93 0.84 0.00	24.35 0.85 0.00	24.16 0.77 0.00	23.34 0.68 0.00	24.61 0.79 0.00	26.26 0.86 0.00	28.84 0.98 0.00	31.65 1.07 0.00	34.11 1.09 0.00	35.95 1.18 0.00	38.71 1.27 0.00	42.04 1.30 0.00	48.89 1.42 0.00	53.76 1.72 0.00	58.09 1.96 0.00	52.57 1.83 0.00	47.78 1.62 0.00	39.95 1.39 0.00	35.36 1.29 0.00	32.31 1.18 0.00
IP CORINTH___1 23988	30.98 1.78 0.00	28.00 1.66 0.00	26.31 1.47 0.00	25.84 1.39 0.00	25.41 1.32 0.00	24.84 1.34 0.00	24.49 1.10 0.00	23.63 0.97 0.00	25.11 1.29 0.00	26.82 1.42 0.00	29.26 1.39 0.00	32.11 1.53 0.00	34.74 1.72 0.00	36.40 1.63 0.00	39.31 1.87 0.00	42.86 2.12 0.00	49.93 2.47 0.00	54.96 2.91 0.00	60.00 3.87 0.00	54.30 3.55 0.00	49.62 3.46 0.00	41.30 2.74 0.00	36.24 2.18 0.00	33.03 1.90 0.00

IP___TICONDEROGA 23804	32.73 3.53 0.00	29.64 3.29 0.00	27.73 2.88 0.00	27.19 2.74 0.00	26.71 2.63 0.00	26.16 2.66 0.00	25.70 2.32 0.00	24.81 2.15 0.00	26.46 2.64 0.00	28.34 2.95 0.00	31.02 3.15 0.00	33.97 3.39 0.00	36.85 3.83 0.00	38.73 3.96 0.00	41.78 4.34 0.00	45.59 4.85 0.00	53.26 5.79 0.00	58.66 6.61 0.00	64.15 8.03 0.00	58.21 7.46 0.00	53.09 6.92 0.00	44.08 5.51 0.00	38.53 4.46 0.00	34.93 3.80 0.00
ISLIP_RES_REC 323679	37.20 3.68 -4.32	36.11 3.21 -6.55	33.73 2.83 -6.06	31.39 2.69 -4.26	27.62 2.65 -0.88	28.28 2.52 -2.26	25.59 2.20 0.00	24.77 2.11 0.00	32.26 2.79 -5.66	35.86 3.15 -7.31	38.76 3.62 -7.27	62.85 4.16 -28.11	45.78 4.32 -8.44	122.10 4.73 -82.61	132.66 4.94 -90.28	136.35 5.29 -90.32	143.93 6.36 -90.11	144.30 6.76 -85.49	137.58 7.19 -74.27	116.70 6.09 -59.87	54.50 5.26 -3.08	61.84 4.66 -18.61	41.34 3.98 -3.29	38.98 3.67 -4.18
JAMAICA__27_KV_LOAD 355505	32.38 3.18 0.00	29.03 2.69 0.00	27.13 2.29 0.00	26.55 2.10 0.00	26.18 2.10 0.00	25.50 2.00 0.00	25.17 1.78 0.00	24.36 1.70 0.00	26.22 2.41 0.00	28.19 2.79 0.00	31.05 3.18 0.00	35.66 3.79 -1.29	36.68 3.67 0.00	38.74 3.96 -0.01	41.44 4.01 0.00	44.93 4.20 0.00	52.50 5.03 0.00	57.41 5.36 0.00	61.63 5.50 0.00	55.36 4.62 0.00	50.45 4.29 0.00	42.07 3.51 0.00	37.30 3.24 0.00	34.43 3.30 0.00
JANIS___SOLAR 323808	31.20 1.63 -0.36	27.91 1.45 -0.12	26.16 1.32 0.00	25.65 1.20 0.00	25.17 1.08 0.00	24.56 1.06 0.00	24.37 0.98 0.00	23.50 0.84 0.00	24.63 0.81 0.00	26.33 0.89 -0.04	28.96 0.92 -0.17	32.04 1.07 -0.39	34.65 1.29 -0.34	36.51 1.43 -0.32	39.50 1.61 -0.45	43.04 1.67 -0.63	50.41 1.95 -1.00	56.07 2.76 -1.26	61.32 3.42 -1.77	55.76 3.50 -1.51	50.38 3.33 -0.89	41.76 2.66 -0.54	36.83 2.42 -0.35	33.71 2.05 -0.52
JARVIS____ 23743	29.49 0.29 0.00	26.61 0.26 0.00	25.09 0.25 0.00	24.69 0.24 0.00	24.33 0.24 0.00	23.74 0.24 0.00	23.53 0.14 0.00	22.79 0.14 0.00	24.01 0.19 0.00	25.62 0.23 0.00	28.12 0.25 0.00	30.85 0.27 0.00	33.31 0.30 0.00	35.11 0.35 0.00	37.77 0.34 0.00	41.10 0.37 0.00	47.89 0.43 0.00	52.51 0.47 0.00	56.69 0.56 0.00	51.20 0.46 0.00	46.58 0.41 0.00	38.91 0.35 0.00	34.37 0.31 0.00	31.41 0.28 0.00
JENNISON___1 23625	31.38 1.93 -0.25	28.11 1.69 -0.08	26.41 1.57 0.00	25.94 1.49 0.00	25.44 1.35 0.00	24.82 1.32 0.00	24.58 1.19 0.00	23.70 1.04 0.00	24.99 1.17 0.00	26.80 1.37 -0.03	29.49 1.50 -0.12	32.59 1.74 -0.27	35.27 2.01 -0.24	37.22 2.22 -0.23	40.15 2.40 -0.32	43.59 2.40 -0.44	50.88 2.71 -0.70	56.42 3.49 -0.89	61.47 4.10 -1.24	55.72 3.91 -1.06	50.30 3.51 -0.63	41.91 2.97 -0.38	36.90 2.59 -0.25	33.58 2.09 -0.37
JENNISON___2 23626	31.38 1.93 -0.25	28.11 1.69 -0.08	26.41 1.57 0.00	25.94 1.49 0.00	25.44 1.35 0.00	24.82 1.32 0.00	24.58 1.19 0.00	23.70 1.04 0.00	24.99 1.17 0.00	26.80 1.37 -0.03	29.49 1.50 -0.12	32.59 1.74 -0.27	35.27 2.01 -0.24	37.22 2.22 -0.23	40.15 2.40 -0.32	43.59 2.40 -0.44	50.88 2.71 -0.70	56.42 3.49 -0.89	61.47 4.10 -1.24	55.72 3.91 -1.06	50.30 3.51 -0.63	41.91 2.97 -0.38	36.90 2.59 -0.25	33.58 2.09 -0.37
JERICHO_RISE_WT_PWR 323719	28.06 -1.14 0.00	25.37 -0.97 0.00	23.85 -0.99 0.00	23.47 -0.98 0.00	23.22 -0.87 0.00	22.73 -0.78 0.00	22.94 -0.45 0.00	22.39 -0.27 0.00	23.32 -0.50 0.00	24.74 -0.66 0.00	27.14 -0.72 0.00	29.69 -0.89 0.00	32.03 -0.99 0.00	33.65 -1.11 0.00	36.24 -1.20 0.00	39.52 -1.22 0.00	46.28 -1.18 0.00	50.90 -1.15 0.00	55.00 -1.12 0.00	49.99 -0.76 0.00	45.51 -0.65 0.00	37.71 -0.85 0.00	33.18 -0.89 0.00	30.23 -0.90 0.00
KATONAH___115KV_46KV_TB4 355592	31.83 2.63 0.00	28.64 2.29 0.00	26.88 2.04 0.00	26.33 1.88 0.00	25.94 1.85 0.00	25.27 1.76 0.00	24.93 1.54 0.00	24.11 1.45 0.00	25.89 2.07 0.00	27.81 2.41 0.00	30.63 2.76 0.00	33.79 3.21 0.00	36.35 3.33 0.00	38.35 3.58 0.00	41.26 3.82 0.00	44.77 4.03 0.00	52.16 4.70 0.00	57.15 5.10 0.00	61.23 5.11 0.00	55.06 4.31 0.00	49.99 3.83 0.00	41.73 3.16 0.00	36.89 2.83 0.00	33.90 2.77 0.00
KCE_NY_1 323755	31.10 1.90 0.00	28.11 1.77 0.00	26.46 1.61 0.00	26.01 1.57 0.00	25.61 1.52 0.00	24.96 1.46 0.00	24.58 1.19 0.00	23.75 1.09 0.00	25.22 1.40 0.00	26.89 1.50 0.00	29.48 1.62 0.00	32.35 1.77 0.00	34.97 1.95 0.00	36.82 2.05 0.00	39.68 2.25 0.00	43.31 2.57 0.00	50.46 2.99 0.00	55.43 3.38 0.00	60.05 3.93 0.00	54.30 3.55 0.00	49.39 3.23 0.00	41.26 2.70 0.00	36.28 2.21 0.00	33.06 1.93 0.00
KCE_NY_6_ESR 323823	29.08 -0.12 0.00	26.00 -0.34 0.00	24.60 -0.25 0.00	24.01 -0.44 0.00	23.61 -0.48 0.00	23.08 -0.42 0.00	22.81 -0.58 0.00	21.96 -0.70 0.00	23.15 -0.67 0.00	24.99 -0.41 0.00	27.48 -0.39 0.00	30.12 -0.46 0.00	32.95 -0.07 0.00	34.80 0.03 0.00	37.40 -0.04 0.00	40.29 -0.45 0.00	46.70 -0.76 0.00	50.54 -1.51 0.00	54.39 -1.74 0.00	49.78 -0.97 0.00	45.24 -0.92 0.00	37.56 -1.00 0.00	33.93 -0.14 0.00	31.25 0.13 0.00
KEDC_PORT_JEFF_GT2 24210	36.90 3.39 -4.32	35.85 2.95 -6.55	33.51 2.61 -6.06	31.17 2.47 -4.26	27.43 2.46 -0.88	28.09 2.33 -2.26	25.40 2.01 0.00	24.61 1.95 0.00	32.07 2.60 -5.66	35.63 2.92 -7.31	38.42 3.29 -7.27	66.44 3.70 -32.16	45.18 3.73 -8.43	137.50 4.03 -98.71	150.14 4.12 -108.59	154.31 4.44 -109.14	161.91 5.27 -109.18	161.29 5.57 -103.67	152.27 5.95 -90.19	129.08 5.03 -73.31	54.18 4.24 -3.77	64.52 3.86 -22.10	40.86 3.51 -3.29	38.61 3.30 -4.18
KEDC_PORT_JEFF_GT3 24211	36.90 3.39 -4.32	35.85 2.95 -6.55	33.51 2.61 -6.06	31.17 2.47 -4.26	27.43 2.46 -0.88	28.09 2.33 -2.26	25.40 2.01 0.00	24.61 1.95 0.00	32.07 2.60 -5.66	35.63 2.92 -7.31	38.42 3.29 -7.27	66.44 3.70 -32.16	45.18 3.73 -8.43	137.50 4.03 -98.71	150.14 4.12 -108.59	154.31 4.44 -109.14	161.91 5.27 -109.18	161.29 5.57 -103.67	152.27 5.95 -90.19	129.08 5.03 -73.31	54.18 4.24 -3.77	64.52 3.86 -22.10	40.86 3.51 -3.29	38.61 3.30 -4.18
KEDC_GLWD_GT4 24219	36.79 3.27 -4.32	35.74 2.85 -6.55	33.44 2.54 -6.06	31.10 2.40 -4.26	27.30 2.34 -0.88	27.97 2.21 -2.26	25.33 1.94 0.00	24.54 1.88 0.00	32.00 2.52 -5.66	35.58 2.87 -7.31	38.42 3.29 -7.27	44.62 3.85 -10.19	45.68 3.99 -8.67	49.76 4.10 -10.89	50.43 4.27 -8.73	51.75 4.52 -6.49	58.00 5.41 -5.13	62.16 5.62 -4.49	65.32 5.89 -3.30	55.62 4.87 0.00	50.36 4.20 0.00	45.46 3.82 -3.08	40.96 3.61 -3.28	38.65 3.33 -4.18
KEDC_GLWD_GT5 24220	36.79 3.27 -4.32	35.74 2.85 -6.55	33.44 2.54 -6.06	31.10 2.40 -4.26	27.30 2.34 -0.88	27.97 2.21 -2.26	25.33 1.94 0.00	24.54 1.88 0.00	32.00 2.52 -5.66	35.58 2.87 -7.31	38.42 3.29 -7.27	44.62 3.85 -10.19	45.68 3.99 -8.67	49.76 4.10 -10.89	50.43 4.27 -8.73	51.75 4.52 -6.49	58.00 5.41 -5.13	62.16 5.62 -4.49	65.32 5.89 -3.30	55.62 4.87 0.00	50.36 4.20 0.00	45.46 3.82 -3.08	40.96 3.61 -3.28	38.65 3.33 -4.18

KENSICO____ 23655	31.77 2.57 0.00	28.58 2.24 0.00	26.81 1.96 0.00	26.28 1.83 0.00	25.92 1.83 0.00	25.22 1.72 0.00	24.86 1.47 0.00	24.04 1.38 0.00	25.77 1.95 0.00	27.66 2.26 0.00	30.43 2.56 0.00	33.54 2.97 0.00	36.02 3.00 0.00	37.96 3.20 0.00	40.69 3.26 0.00	44.24 3.50 0.00	51.55 4.08 0.00	56.37 4.32 0.00	60.56 4.43 0.00	54.50 3.76 0.00	49.58 3.42 0.00	41.34 2.78 0.00	36.62 2.55 0.00	33.71 2.58 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.59 2.39 0.00	28.45 2.11 0.00	26.68 1.84 0.00	26.18 1.74 0.00	25.77 1.69 0.00	25.13 1.62 0.00	24.72 1.33 0.00	23.86 1.20 0.00	25.37 1.55 0.00	27.25 1.85 0.00	29.99 2.12 0.00	33.02 2.45 0.00	35.69 2.67 0.00	37.34 2.57 0.00	40.17 2.73 0.00	43.71 2.97 0.00	51.07 3.61 0.00	56.11 4.06 0.00	60.39 4.27 0.00	54.35 3.60 0.00	49.35 3.19 0.00	41.46 2.89 0.00	36.65 2.59 0.00	33.53 2.40 0.00
KIAC_JFK_GT1 23816	32.09 2.89 0.00	28.87 2.53 0.00	26.98 2.14 0.00	26.40 1.96 0.00	26.04 1.95 0.00	25.34 1.83 0.00	25.00 1.61 0.00	24.22 1.56 0.00	26.06 2.24 0.00	28.04 2.64 0.00	30.77 2.90 0.00	35.35 3.49 -1.29	36.35 3.33 0.00	38.39 3.62 -0.01	41.03 3.59 0.00	44.53 3.79 0.00	51.98 4.51 0.00	56.83 4.79 0.00	61.01 4.88 0.00	54.81 4.06 0.00	49.90 3.74 0.00	41.65 3.09 0.00	36.92 2.86 0.00	34.09 2.96 0.00
KIAC_JFK_GT2 23817	32.09 2.89 0.00	28.87 2.53 0.00	26.98 2.14 0.00	26.40 1.96 0.00	26.04 1.95 0.00	25.34 1.83 0.00	25.00 1.61 0.00	24.22 1.56 0.00	26.06 2.24 0.00	28.04 2.64 0.00	30.77 2.90 0.00	35.35 3.49 -1.29	36.35 3.33 0.00	38.39 3.62 -0.01	41.03 3.59 0.00	44.53 3.79 0.00	51.98 4.51 0.00	56.83 4.79 0.00	61.01 4.88 0.00	54.81 4.06 0.00	49.90 3.74 0.00	41.65 3.09 0.00	36.92 2.86 0.00	34.09 2.96 0.00
KIAC_JFK____ 323774	32.06 2.86 0.00	28.87 2.53 0.00	26.98 2.14 0.00	26.40 1.96 0.00	26.04 1.95 0.00	25.31 1.81 0.00	24.98 1.59 0.00	24.27 1.61 0.00	26.08 2.26 0.00	28.01 2.62 0.00	30.71 2.84 0.00	35.35 3.48 -1.29	36.35 3.33 0.00	38.46 3.68 -0.01	41.18 3.74 0.00	44.69 3.95 0.00	52.36 4.89 0.00	57.04 5.00 0.00	61.35 5.22 0.00	55.06 4.31 0.00	50.04 3.88 0.00	41.96 3.39 0.00	37.16 3.10 0.00	33.99 2.86 0.00
KINTIGH____ 23543	28.53 -0.67 0.00	25.61 -0.74 0.00	24.20 -0.65 0.00	23.64 -0.81 0.00	23.25 -0.84 0.00	22.73 -0.78 0.00	22.48 -0.91 0.00	21.59 -1.06 0.00	22.79 -1.02 0.00	24.51 -0.89 0.00	26.95 -0.92 0.00	29.57 -1.01 0.00	32.29 -0.73 0.00	34.07 -0.70 0.00	36.61 -0.82 0.00	39.56 -1.18 0.00	46.42 -1.04 0.00	49.81 -2.24 0.00	53.99 -2.13 0.00	49.17 -1.57 0.00	44.41 -1.75 0.00	37.71 -0.85 0.00	33.45 -0.61 0.00	30.23 -0.90 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	28.41 -0.79 0.00	25.74 -0.61 0.00	24.17 -0.67 0.00	23.76 -0.68 0.00	23.56 -0.53 0.00	22.99 -0.52 0.00	23.18 -0.21 0.00	22.73 0.07 0.00	23.68 -0.14 0.00	25.14 -0.25 0.00	27.59 -0.28 0.00	30.18 -0.40 0.00	32.56 -0.46 0.00	34.17 -0.59 0.00	36.84 -0.60 0.00	40.21 -0.53 0.00	47.13 -0.33 0.00	51.89 -0.16 0.00	56.07 -0.06 0.00	51.05 0.30 0.00	46.53 0.37 0.00	38.41 -0.15 0.00	33.76 -0.31 0.00	30.76 -0.37 0.00
LACHUTE__HYDRO 323717	32.73 3.53 0.00	29.64 3.29 0.00	27.73 2.88 0.00	27.19 2.74 0.00	26.71 2.63 0.00	26.14 2.63 0.00	25.66 2.27 0.00	24.79 2.13 0.00	26.49 2.67 0.00	28.34 2.94 0.00	31.02 3.15 0.00	33.97 3.39 0.00	36.85 3.83 0.00	38.73 3.96 0.00	41.78 4.34 0.00	45.58 4.85 0.00	53.25 5.79 0.00	58.66 6.61 0.00	64.15 8.03 0.00	58.21 7.46 0.00	53.04 6.88 0.00	44.08 5.51 0.00	38.52 4.46 0.00	34.89 3.77 0.00
LAWRNCALV_115KV_TB1 80681	27.51 -1.69 0.00	24.90 -1.45 0.00	23.43 -1.42 0.00	23.03 -1.42 0.00	22.74 -1.35 0.00	22.19 -1.32 0.00	22.36 -1.03 0.00	21.84 -0.82 0.00	22.70 -1.12 0.00	24.13 -1.27 0.00	26.47 -1.39 0.00	28.90 -1.68 0.00	31.30 -1.72 0.00	32.89 -1.88 0.00	35.45 -1.98 0.00	38.62 -2.12 0.00	45.14 -2.33 0.00	49.86 -2.19 0.00	53.88 -2.25 0.00	48.97 -1.78 0.00	44.64 -1.52 0.00	36.98 -1.58 0.00	32.56 -1.50 0.00	29.70 -1.43 0.00
LEDERLE____ 23769	31.74 2.54 0.00	28.61 2.27 0.00	26.83 1.99 0.00	26.31 1.86 0.00	25.92 1.83 0.00	25.24 1.74 0.00	24.89 1.50 0.00	24.06 1.40 0.00	25.75 1.93 0.00	27.63 2.23 0.00	30.38 2.51 0.00	33.45 2.87 0.00	35.96 2.94 0.00	37.89 3.13 0.00	40.66 3.22 0.00	44.20 3.46 0.00	51.50 4.03 0.00	56.37 4.32 0.00	60.56 4.43 0.00	54.45 3.70 0.00	49.53 3.37 0.00	41.30 2.74 0.00	36.58 2.52 0.00	33.62 2.49 0.00
LIGHTHSE_115KV_TB6 355974	29.84 -0.38 -1.02	26.31 -0.37 -0.33	24.47 -0.37 0.00	24.03 -0.42 0.00	23.63 -0.46 0.00	23.01 -0.49 0.00	22.85 -0.54 0.00	22.11 -0.54 0.00	23.25 -0.57 0.00	25.00 -0.51 -0.12	27.79 -0.56 -0.48	31.09 -0.58 -1.09	33.39 -0.59 -0.96	35.04 -0.63 -0.90	38.00 -0.71 -1.28	41.66 -0.86 -1.78	49.34 -0.95 -2.83	54.78 -0.83 -3.56	60.51 -0.62 -5.00	54.55 -0.46 -4.26	48.36 -0.32 -2.52	40.05 -0.04 -1.52	35.01 -0.03 -0.98	32.45 -0.16 -1.48
LINDEN COGEN____ 23786	31.94 2.74 0.00	28.69 2.34 0.00	26.86 2.01 0.00	26.30 1.86 0.00	25.94 1.85 0.00	25.22 1.71 0.00	24.86 1.47 0.00	24.13 1.47 0.00	25.92 2.10 0.00	27.81 2.41 0.00	30.63 2.76 0.00	35.05 3.21 -1.27	36.26 3.24 0.00	38.35 3.58 -0.01	41.03 3.59 0.00	41.11 3.79 3.42	41.93 4.60 10.14	41.98 4.69 14.75	43.53 4.83 17.43	41.93 3.96 12.77	41.42 3.51 8.25	40.45 3.16 1.28	36.92 2.86 0.00	33.84 2.71 0.00
LINDHRST_69_KV_BK1 356055	37.08 3.56 -4.32	36.00 3.11 -6.55	33.66 2.76 -6.06	31.32 2.62 -4.26	27.55 2.58 -0.88	28.23 2.47 -2.26	25.56 2.18 0.00	24.67 2.02 0.00	32.17 2.69 -5.66	35.78 3.07 -7.31	38.62 3.48 -7.27	46.28 3.94 -11.75	45.62 4.09 -8.51	56.61 4.35 -17.50	58.21 4.53 -16.24	59.76 4.81 -14.21	66.11 5.70 -12.95	70.14 6.14 -11.95	72.36 6.40 -9.83	61.69 5.43 -5.51	51.52 5.08 -0.28	47.28 4.20 -4.51	41.07 3.71 -3.29	38.96 3.64 -4.18
LIPA_MISC_IPP 23656	36.90 3.39 -4.32	35.85 2.95 -6.55	33.49 2.58 -6.06	31.15 2.44 -4.26	27.38 2.41 -0.88	28.06 2.30 -2.26	25.40 2.01 0.00	24.54 1.88 0.00	32.02 2.55 -5.66	35.63 2.92 -7.31	38.51 3.37 -7.27	63.18 3.85 -28.75	45.51 4.00 -8.50	124.06 4.31 -84.98	134.87 4.45 -92.98	138.60 4.77 -93.09	145.98 5.60 -92.92	146.25 6.04 -88.17	139.08 6.34 -76.61	118.02 5.43 -61.85	54.28 4.94 -3.18	61.70 4.01 -19.12	40.83 3.47 -3.29	38.71 3.39 -4.18
LISF__SOLAR 323691	36.99 3.47 -4.32	35.90 3.00 -6.55	33.54 2.63 -6.06	31.20 2.49 -4.26	27.45 2.48 -0.88	28.11 2.35 -2.26	25.42 2.03 0.00	24.61 1.95 0.00	32.10 2.62 -5.66	35.68 2.97 -7.31	38.56 3.43 -7.27	63.53 3.95 -29.01	45.60 4.09 -8.49	125.33 4.52 -86.05	136.31 4.68 -94.19	140.13 5.05 -94.34	147.72 6.08 -94.18	147.82 6.40 -89.38	140.64 6.84 -77.67	119.22 5.73 -62.74	54.33 4.94 -3.23	62.35 4.43 -19.36	41.06 3.71 -3.29	38.77 3.45 -4.18

LITTLE FALLS___HYD 24013	30.28 1.08 0.00	27.32 0.97 0.00	25.79 0.94 0.00	25.35 0.90 0.00	24.93 0.84 0.00	24.35 0.85 0.00	24.16 0.77 0.00	23.34 0.68 0.00	24.61 0.79 0.00	26.26 0.86 0.00	28.84 0.98 0.00	31.65 1.07 0.00	34.11 1.09 0.00	35.95 1.18 0.00	38.71 1.27 0.00	42.04 1.30 0.00	48.89 1.42 0.00	53.76 1.72 0.00	58.09 1.96 0.00	52.57 1.83 0.00	47.78 1.62 0.00	39.95 1.39 0.00	35.36 1.29 0.00	32.31 1.18 0.00
LITTLRIV_115KV_TB1 356100	27.92 -1.40 -0.12	25.17 -1.21 -0.04	23.65 -1.19 0.00	23.25 -1.20 0.00	22.93 -1.16 0.00	22.40 -1.10 0.00	22.55 -0.84 0.00	22.05 -0.61 0.00	22.87 -0.95 0.00	24.32 -1.09 -0.01	26.70 -1.23 -0.06	29.21 -1.50 -0.13	31.62 -1.52 -0.12	33.24 -1.63 -0.11	35.83 -1.76 -0.16	39.12 -1.83 -0.22	45.82 -1.99 -0.34	50.82 -1.67 -0.43	55.11 -1.63 -0.61	50.10 -1.17 -0.52	45.54 -0.92 -0.31	37.67 -1.08 -0.19	33.06 -1.12 -0.12	30.19 -1.12 -0.18
LI_NEWBRDGE___DRP 323616	36.44 2.92 -4.32	35.45 2.56 -6.55	33.16 2.26 -6.06	30.83 2.13 -4.26	27.09 2.12 -0.88	27.76 2.00 -2.26	25.12 1.73 0.00	24.27 1.61 0.00	31.72 2.24 -5.66	35.30 2.59 -7.31	38.01 2.87 -7.27	44.10 3.33 -10.19	45.09 3.40 -8.67	49.31 3.65 -10.89	49.87 3.71 -8.73	51.18 3.95 -6.49	57.25 4.65 -5.13	61.48 4.94 -4.49	64.53 5.11 -3.30	55.06 4.31 0.00	50.08 3.92 0.00	44.89 3.24 -3.08	40.31 2.96 -3.28	38.24 2.93 -4.18
LOCKPORT_115KV_TB60_63_64 80432	28.56 -0.64 0.00	25.58 -0.76 0.00	24.30 -0.55 0.00	23.71 -0.73 0.00	23.32 -0.77 0.00	22.80 -0.71 0.00	22.41 -0.98 0.00	21.46 -1.20 0.00	22.68 -1.14 0.00	24.41 -0.99 0.00	26.87 -1.00 0.00	29.48 -1.10 0.00	32.26 -0.76 0.00	34.07 -0.70 0.00	36.61 -0.82 0.00	39.52 -1.22 0.00	46.42 -1.04 0.00	49.60 -2.45 0.00	53.82 -2.30 0.00	49.12 -1.62 0.00	44.27 -1.89 0.00	37.68 -0.89 0.00	33.45 -0.61 0.00	30.19 -0.93 0.00
LOCKPORT___CC1 323769	28.62 -0.58 0.00	25.58 -0.76 0.00	24.20 -0.65 0.00	23.62 -0.83 0.00	23.22 -0.87 0.00	22.75 -0.75 0.00	22.48 -0.91 0.00	21.55 -1.11 0.00	22.70 -1.12 0.00	24.51 -0.89 0.00	26.92 -0.95 0.00	29.48 -1.10 0.00	32.26 -0.76 0.00	34.03 -0.73 0.00	36.61 -0.82 0.00	39.43 -1.31 0.00	45.76 -1.71 0.00	49.50 -2.55 0.00	53.27 -2.86 0.00	48.87 -1.88 0.00	44.41 -1.75 0.00	36.83 -1.73 0.00	33.31 -0.75 0.00	30.72 -0.41 0.00
LOCKPORT___CC2 323770	28.62 -0.58 0.00	25.58 -0.76 0.00	24.20 -0.65 0.00	23.62 -0.83 0.00	23.22 -0.87 0.00	22.75 -0.75 0.00	22.48 -0.91 0.00	21.55 -1.11 0.00	22.70 -1.12 0.00	24.51 -0.89 0.00	26.92 -0.95 0.00	29.48 -1.10 0.00	32.26 -0.76 0.00	34.03 -0.73 0.00	36.61 -0.82 0.00	39.43 -1.31 0.00	45.76 -1.71 0.00	49.50 -2.55 0.00	53.27 -2.86 0.00	48.87 -1.88 0.00	44.41 -1.75 0.00	36.83 -1.73 0.00	33.31 -0.75 0.00	30.72 -0.41 0.00
LOCKPORT___CC3 323771	28.62 -0.58 0.00	25.58 -0.76 0.00	24.20 -0.65 0.00	23.62 -0.83 0.00	23.22 -0.87 0.00	22.75 -0.75 0.00	22.48 -0.91 0.00	21.55 -1.11 0.00	22.70 -1.12 0.00	24.51 -0.89 0.00	26.92 -0.95 0.00	29.48 -1.10 0.00	32.26 -0.76 0.00	34.03 -0.73 0.00	36.61 -0.82 0.00	39.43 -1.31 0.00	45.76 -1.71 0.00	49.50 -2.55 0.00	53.27 -2.86 0.00	48.87 -1.88 0.00	44.41 -1.75 0.00	36.83 -1.73 0.00	33.31 -0.75 0.00	30.72 -0.41 0.00
LONG_LAKE_PHOENIX 24014	30.26 -0.38 -1.44	26.44 -0.37 -0.47	24.47 -0.37 0.00	24.06 -0.39 0.00	23.68 -0.41 0.00	23.11 -0.40 0.00	22.92 -0.47 0.00	22.18 -0.48 0.00	23.37 -0.45 0.00	25.13 -0.43 -0.16	28.09 -0.45 -0.67	31.69 -0.43 -1.54	33.98 -0.40 -1.36	35.65 -0.38 -1.27	38.82 -0.41 -1.79	42.71 -0.53 -2.50	50.87 -0.57 -3.97	56.27 -0.78 -5.01	62.42 -0.73 -7.02	56.08 -0.66 -5.99	49.10 -0.60 -3.54	40.39 -0.31 -2.14	35.21 -0.24 -1.38	32.90 -0.31 -2.08
LOVETT___3 23632	31.54 2.34 0.00	28.43 2.08 0.00	26.68 1.84 0.00	26.16 1.71 0.00	25.77 1.69 0.00	25.10 1.60 0.00	24.75 1.36 0.00	23.93 1.27 0.00	25.61 1.79 0.00	27.50 2.11 0.00	30.21 2.34 0.00	33.24 2.66 0.00	35.66 2.64 0.00	37.58 2.82 0.00	40.28 2.85 0.00	43.79 3.06 0.00	50.98 3.51 0.00	55.85 3.80 0.00	59.94 3.82 0.00	53.94 3.20 0.00	49.07 2.91 0.00	40.95 2.39 0.00	36.28 2.21 0.00	33.40 2.27 0.00
LOVETT___4 23642	31.54 2.34 0.00	28.43 2.08 0.00	26.68 1.84 0.00	26.16 1.71 0.00	25.77 1.69 0.00	25.10 1.60 0.00	24.75 1.36 0.00	23.93 1.27 0.00	25.61 1.79 0.00	27.50 2.11 0.00	30.21 2.34 0.00	33.24 2.66 0.00	35.66 2.64 0.00	37.58 2.82 0.00	40.28 2.85 0.00	43.79 3.06 0.00	50.98 3.51 0.00	55.85 3.80 0.00	59.94 3.82 0.00	53.94 3.20 0.00	49.07 2.91 0.00	40.95 2.39 0.00	36.28 2.21 0.00	33.40 2.27 0.00
LOVETT___5 23593	31.54 2.34 0.00	28.43 2.08 0.00	26.68 1.84 0.00	26.16 1.71 0.00	25.77 1.69 0.00	25.10 1.60 0.00	24.75 1.36 0.00	23.93 1.27 0.00	25.61 1.79 0.00	27.50 2.11 0.00	30.21 2.34 0.00	33.24 2.66 0.00	35.66 2.64 0.00	37.58 2.82 0.00	40.28 2.85 0.00	43.79 3.06 0.00	50.98 3.51 0.00	55.85 3.80 0.00	59.94 3.82 0.00	53.94 3.20 0.00	49.07 2.91 0.00	40.95 2.39 0.00	36.28 2.21 0.00	33.40 2.27 0.00
LOWER RAQUET___HYD 24057	27.52 -1.81 -0.13	24.81 -1.58 -0.04	23.30 -1.54 0.00	22.93 -1.52 0.00	22.62 -1.47 0.00	22.12 -1.39 0.00	22.31 -1.08 0.00	21.75 -0.91 0.00	22.61 -1.21 0.00	24.04 -1.37 -0.02	26.40 -1.53 -0.06	28.92 -1.80 -0.14	31.30 -1.85 -0.13	32.87 -2.02 -0.12	35.47 -2.13 -0.17	38.73 -2.24 -0.23	45.36 -2.47 -0.37	50.22 -2.29 -0.46	54.42 -2.36 -0.65	49.42 -1.88 -0.55	44.87 -1.62 -0.33	37.14 -1.62 -0.20	32.62 -1.57 -0.13	29.80 -1.52 -0.19
LOWER___HUDSON 24059	30.66 1.46 0.00	27.71 1.37 0.00	26.19 1.34 0.00	25.74 1.29 0.00	25.34 1.25 0.00	24.70 1.20 0.00	24.33 0.94 0.00	23.50 0.84 0.00	24.96 1.14 0.00	26.56 1.17 0.00	29.09 1.22 0.00	31.96 1.38 0.00	34.47 1.45 0.00	36.26 1.49 0.00	39.08 1.65 0.00	42.73 2.00 0.00	49.74 2.28 0.00	54.54 2.50 0.00	58.93 2.81 0.00	53.23 2.49 0.00	48.38 2.22 0.00	40.45 1.89 0.00	35.63 1.57 0.00	32.53 1.40 0.00
LOWVILLE_115KV_TB2 356335	29.18 -0.32 -0.31	26.13 -0.32 -0.10	24.52 -0.32 0.00	24.08 -0.37 0.00	23.65 -0.43 0.00	23.11 -0.40 0.00	23.02 -0.37 0.00	22.32 -0.34 0.00	23.44 -0.38 0.00	25.25 -0.18 -0.03	27.82 -0.20 -0.14	30.42 -0.49 -0.33	32.78 -0.53 -0.29	34.48 -0.56 -0.27	37.29 -0.52 -0.38	40.66 -0.61 -0.53	47.65 -0.66 -0.85	53.48 0.36 -1.07	58.41 0.79 -1.50	52.99 0.96 -1.28	47.88 0.97 -0.75	39.79 0.77 -0.46	34.90 0.55 -0.29	31.88 0.31 -0.44
LUTHERFT_115KV_GLOB_FND_222 355753	31.07 1.87 0.00	28.08 1.74 0.00	26.46 1.61 0.00	25.99 1.54 0.00	25.58 1.49 0.00	24.99 1.48 0.00	24.63 1.24 0.00	23.75 1.09 0.00	25.20 1.38 0.00	26.89 1.50 0.00	29.46 1.59 0.00	32.35 1.77 0.00	34.97 1.95 0.00	36.78 2.02 0.00	39.65 2.21 0.00	43.26 2.53 0.00	50.41 2.94 0.00	55.38 3.33 0.00	59.94 3.82 0.00	54.25 3.50 0.00	49.39 3.23 0.00	41.15 2.58 0.00	36.24 2.18 0.00	33.09 1.96 0.00

LUTHERNY_35_KV_BK2 355980	31.10 1.90 0.00	28.11 1.77 0.00	26.46 1.61 0.00	26.01 1.56 0.00	25.61 1.52 0.00	24.99 1.48 0.00	24.63 1.24 0.00	23.75 1.09 0.00	25.20 1.38 0.00	26.89 1.50 0.00	29.48 1.62 0.00	32.35 1.77 0.00	34.97 1.95 0.00	36.78 2.02 0.00	39.68 2.25 0.00	43.30 2.57 0.00	50.46 2.99 0.00	55.43 3.38 0.00	60.05 3.93 0.00	54.30 3.55 0.00	49.44 3.28 0.00	41.19 2.62 0.00	36.28 2.21 0.00	33.12 1.99 0.00
LWR___OSWEGATCHIE_HYD 23850	28.21 -1.26 -0.26	25.32 -1.11 -0.09	23.75 -1.09 0.00	23.35 -1.10 0.00	22.98 -1.11 0.00	22.42 -1.08 0.00	22.45 -0.94 0.00	21.86 -0.79 0.00	22.82 -1.00 0.00	24.41 -1.02 -0.03	26.88 -1.11 -0.12	29.45 -1.41 -0.28	31.81 -1.45 -0.25	33.43 -1.56 -0.23	36.12 -1.65 -0.33	39.40 -1.79 -0.46	46.20 -1.99 -0.73	51.56 -1.41 -0.92	56.18 -1.23 -1.29	50.98 -0.86 -1.10	46.12 -0.69 -0.65	38.26 -0.69 -0.39	33.57 -0.75 -0.25	30.70 -0.81 -0.38
LYONS_FALL_HYD 23570	29.57 0.15 -0.22	26.52 0.11 -0.07	24.94 0.10 0.00	24.50 0.05 0.00	24.06 -0.02 0.00	23.50 0.00 0.00	23.37 -0.02 0.00	22.64 -0.02 0.00	23.82 0.00 0.00	25.57 0.15 -0.03	28.14 0.17 -0.10	30.88 0.06 -0.24	33.30 0.07 -0.21	35.07 0.10 -0.20	37.87 0.15 -0.28	41.25 0.12 -0.39	48.18 0.10 -0.62	53.76 0.94 -0.78	58.51 1.29 -1.09	53.05 1.37 -0.93	48.00 1.29 -0.55	39.90 1.00 -0.33	35.09 0.82 -0.22	32.07 0.62 -0.32
MADISON___COUNTY_LFGE 323628	30.34 0.91 -0.23	27.24 0.82 -0.08	25.59 0.75 0.00	25.13 0.68 0.00	24.69 0.60 0.00	24.09 0.59 0.00	23.90 0.51 0.00	23.09 0.43 0.00	24.32 0.50 0.00	26.03 0.61 -0.03	28.67 0.70 -0.11	31.66 0.83 -0.25	34.20 0.96 -0.22	36.02 1.04 -0.21	38.89 1.16 -0.29	42.33 1.18 -0.41	49.44 1.33 -0.65	54.74 1.87 -0.82	59.46 2.19 -1.15	53.81 2.08 -0.98	48.63 1.89 -0.58	40.53 1.62 -0.35	35.69 1.40 -0.23	32.59 1.12 -0.34
MALONE___115KV_TB1 356076	28.09 -1.11 0.00	25.42 -0.92 0.00	23.88 -0.97 0.00	23.49 -0.95 0.00	23.25 -0.84 0.00	22.71 -0.80 0.00	22.90 -0.49 0.00	22.45 -0.20 0.00	23.37 -0.45 0.00	24.84 -0.56 0.00	27.26 -0.61 0.00	29.78 -0.80 0.00	32.16 -0.86 0.00	33.76 -1.01 0.00	36.39 -1.05 0.00	39.68 -1.06 0.00	46.47 -1.00 0.00	51.21 -0.83 0.00	55.34 -0.79 0.00	50.39 -0.36 0.00	45.93 -0.23 0.00	37.91 -0.66 0.00	33.35 -0.72 0.00	30.38 -0.75 0.00
MAPLEWOD_115KV_TB3 80458	30.51 1.31 0.00	27.58 1.24 0.00	26.14 1.29 0.00	25.69 1.25 0.00	25.32 1.23 0.00	24.70 1.20 0.00	24.44 1.05 0.00	23.54 0.88 0.00	24.99 1.17 0.00	26.49 1.09 0.00	28.98 1.11 0.00	31.83 1.25 0.00	34.34 1.32 0.00	36.16 1.39 0.00	39.01 1.57 0.00	42.57 1.83 0.00	49.55 2.09 0.00	54.44 2.39 0.00	58.71 2.58 0.00	52.98 2.23 0.00	48.19 2.03 0.00	40.22 1.66 0.00	35.46 1.40 0.00	32.47 1.34 0.00
MAPLE_RIDGE_WT_1 323574	28.56 -0.64 0.00	25.79 -0.55 0.00	24.35 -0.50 0.00	23.98 -0.47 0.00	23.68 -0.41 0.00	23.15 -0.35 0.00	23.13 -0.26 0.00	22.48 -0.18 0.00	23.60 -0.21 0.00	25.12 -0.28 0.00	27.56 -0.31 0.00	30.18 -0.40 0.00	32.59 -0.43 0.00	34.28 -0.49 0.00	36.91 -0.52 0.00	40.21 -0.53 0.00	46.90 -0.57 0.00	51.53 -0.52 0.00	55.62 -0.51 0.00	50.39 -0.35 0.00	45.84 -0.32 0.00	38.22 -0.35 0.00	33.72 -0.34 0.00	30.82 -0.31 0.00
MAPLE_RIDGE_WT_2 323611	28.56 -0.64 0.00	25.79 -0.55 0.00	24.35 -0.50 0.00	23.98 -0.47 0.00	23.68 -0.41 0.00	23.15 -0.35 0.00	23.13 -0.26 0.00	22.48 -0.18 0.00	23.60 -0.21 0.00	25.12 -0.28 0.00	27.56 -0.31 0.00	30.18 -0.40 0.00	32.59 -0.43 0.00	34.28 -0.49 0.00	36.91 -0.52 0.00	40.21 -0.53 0.00	46.90 -0.57 0.00	51.53 -0.52 0.00	55.62 -0.51 0.00	50.39 -0.35 0.00	45.84 -0.32 0.00	38.22 -0.35 0.00	33.72 -0.34 0.00	30.82 -0.31 0.00
MARBLE_RIVER_WT_PWR 323696	28.15 -1.05 0.00	25.45 -0.90 0.00	23.93 -0.92 0.00	23.54 -0.90 0.00	23.32 -0.77 0.00	22.80 -0.70 0.00	22.99 -0.40 0.00	22.45 -0.20 0.00	23.39 -0.43 0.00	24.84 -0.56 0.00	27.26 -0.61 0.00	29.81 -0.76 0.00	32.19 -0.82 0.00	33.79 -0.97 0.00	36.39 -1.05 0.00	39.68 -1.06 0.00	46.47 -1.00 0.00	51.11 -0.94 0.00	55.23 -0.90 0.00	50.24 -0.51 0.00	45.74 -0.42 0.00	37.87 -0.69 0.00	33.31 -0.75 0.00	30.38 -0.75 0.00
MARSHVLE_115KV_TB1 80742	31.42 2.22 0.00	28.40 2.05 0.00	26.66 1.81 0.00	26.21 1.76 0.00	25.75 1.66 0.00	25.10 1.60 0.00	24.61 1.22 0.00	23.41 0.75 0.00	24.70 0.88 0.00	26.39 0.99 0.00	29.01 1.14 0.00	31.86 1.28 0.00	34.44 1.42 0.00	36.36 1.60 0.00	39.20 1.76 0.00	42.65 1.91 0.00	49.70 2.23 0.00	55.38 3.33 0.00	61.01 4.88 0.00	55.57 4.82 0.00	50.55 4.39 0.00	42.03 3.47 0.00	37.03 2.96 0.00	33.59 2.46 0.00
MARSH_HILL_WT_PWR 323713	29.95 0.58 -0.16	26.79 0.40 -0.05	25.22 0.37 0.00	24.64 0.19 0.00	24.26 0.17 0.00	23.69 0.19 0.00	23.48 0.09 0.00	22.66 0.00 0.00	23.89 0.07 0.00	25.72 0.31 -0.02	28.28 0.34 -0.08	31.18 0.43 -0.18	33.96 0.79 -0.16	35.85 0.94 -0.15	38.54 0.90 -0.21	41.68 0.65 -0.29	48.54 0.62 -0.46	52.94 0.31 -0.57	57.44 0.50 -0.81	52.30 0.86 -0.69	47.40 0.83 -0.41	39.35 0.54 -0.25	35.34 1.12 -0.16	32.46 1.09 -0.24
MCINTYRE_115KV_TB2 80467	28.09 -1.11 0.00	25.42 -0.92 0.00	23.90 -0.94 0.00	23.49 -0.95 0.00	23.15 -0.94 0.00	22.61 -0.89 0.00	22.78 -0.61 0.00	22.25 -0.41 0.00	23.03 -0.79 0.00	24.46 -0.94 0.00	26.81 -1.06 0.00	29.29 -1.28 0.00	31.70 -1.32 0.00	33.34 -1.43 0.00	35.90 -1.53 0.00	39.11 -1.63 0.00	45.80 -1.66 0.00	50.69 -1.35 0.00	54.89 -1.23 0.00	50.04 -0.71 0.00	45.65 -0.51 0.00	37.79 -0.77 0.00	33.25 -0.82 0.00	30.26 -0.87 0.00
MECO_____69_KV_BK1 80468	32.82 3.62 0.00	29.69 3.35 0.00	27.80 2.96 0.00	27.26 2.81 0.00	26.79 2.70 0.00	26.18 2.68 0.00	25.70 2.32 0.00	24.70 2.04 0.00	26.22 2.41 0.00	28.06 2.67 0.00	30.91 3.04 0.00	33.70 3.12 0.00	36.52 3.50 0.00	38.62 3.86 0.00	41.82 4.38 0.00	45.59 4.85 0.00	53.40 5.93 0.00	59.39 7.34 0.00	65.11 8.98 0.00	59.02 8.27 0.00	53.50 7.34 0.00	44.42 5.86 0.00	38.90 4.84 0.00	35.14 4.02 0.00
MENANDS___115KV_TB5 355628	30.34 1.14 0.00	27.42 1.08 0.00	26.01 1.17 0.00	25.60 1.15 0.00	25.22 1.13 0.00	24.61 1.10 0.00	24.37 0.98 0.00	23.50 0.84 0.00	24.91 1.10 0.00	26.36 0.97 0.00	28.84 0.98 0.00	31.68 1.10 0.00	34.17 1.16 0.00	35.98 1.22 0.00	38.78 1.35 0.00	42.33 1.59 0.00	49.27 1.80 0.00	54.08 2.03 0.00	58.26 2.13 0.00	52.57 1.83 0.00	47.82 1.66 0.00	39.91 1.35 0.00	35.22 1.16 0.00	32.25 1.12 0.00
MG INDUSTRY___DRP 24185	30.34 1.14 0.00	27.45 1.11 0.00	26.01 1.17 0.00	25.62 1.17 0.00	25.24 1.16 0.00	24.63 1.13 0.00	24.35 0.96 0.00	23.45 0.79 0.00	24.77 0.95 0.00	26.21 0.81 0.00	28.65 0.78 0.00	31.43 0.86 0.00	33.91 0.89 0.00	35.74 0.97 0.00	38.52 1.09 0.00	42.08 1.34 0.00	49.03 1.57 0.00	53.92 1.87 0.00	58.20 2.08 0.00	52.62 1.88 0.00	47.87 1.71 0.00	39.95 1.39 0.00	35.26 1.19 0.00	32.28 1.15 0.00

MID___OSWEGATCHIE_HYD 23849	28.21 -1.26 -0.26	25.32 -1.11 -0.09	23.75 -1.09 0.00	23.35 -1.10 0.00	22.98 -1.11 0.00	22.42 -1.08 0.00	22.45 -0.94 0.00	21.86 -0.79 0.00	22.82 -1.00 0.00	24.41 -1.02 -0.03	26.88 -1.11 -0.12	29.45 -1.41 -0.28	31.81 -1.45 -0.25	33.43 -1.56 -0.23	36.12 -1.65 -0.33	39.40 -1.79 -0.46	46.20 -1.99 -0.73	51.56 -1.41 -0.92	56.18 -1.23 -1.29	50.98 -0.86 -1.10	46.12 -0.69 -0.65	38.26 -0.69 -0.39	33.57 -0.75 -0.25	30.70 -0.81 -0.38
MID___RAQUETTE_HYD 23851	27.52 -1.81 -0.13	24.81 -1.58 -0.04	23.30 -1.54 0.00	22.93 -1.52 0.00	22.62 -1.47 0.00	22.09 -1.41 0.00	22.24 -1.15 0.00	21.75 -0.91 0.00	22.60 -1.21 0.00	24.04 -1.37 -0.02	26.40 -1.53 -0.06	28.92 -1.80 -0.14	31.29 -1.85 -0.13	32.87 -2.02 -0.12	35.47 -2.13 -0.17	38.69 -2.28 -0.23	45.36 -2.47 -0.37	50.22 -2.29 -0.46	54.36 -2.41 -0.65	49.42 -1.88 -0.55	44.87 -1.62 -0.33	37.10 -1.66 -0.20	32.62 -1.57 -0.13	29.80 -1.53 -0.19
MILLIKEN___1 23584	30.48 0.79 -0.49	27.19 0.68 -0.16	25.44 0.60 0.00	24.99 0.54 0.00	24.57 0.48 0.00	23.97 0.47 0.00	23.79 0.40 0.00	22.98 0.32 0.00	24.20 0.38 0.00	25.93 0.48 -0.06	28.65 0.56 -0.23	31.77 0.67 -0.52	34.30 0.83 -0.46	36.10 0.90 -0.43	39.06 1.01 -0.61	42.65 1.06 -0.85	50.10 1.28 -1.35	55.15 1.41 -1.70	60.25 1.74 -2.39	54.51 1.73 -2.03	48.93 1.57 -1.20	40.72 1.43 -0.73	35.83 1.29 -0.47	32.83 1.00 -0.71
MILLIKEN___2 23585	30.48 0.79 -0.49	27.19 0.68 -0.16	25.44 0.60 0.00	24.99 0.54 0.00	24.57 0.48 0.00	23.97 0.47 0.00	23.79 0.40 0.00	22.98 0.32 0.00	24.20 0.38 0.00	25.93 0.48 -0.06	28.65 0.56 -0.23	31.77 0.67 -0.52	34.30 0.83 -0.46	36.10 0.90 -0.43	39.06 1.01 -0.61	42.65 1.06 -0.85	50.10 1.28 -1.35	55.15 1.41 -1.70	60.25 1.74 -2.39	54.51 1.73 -2.03	48.93 1.57 -1.20	40.72 1.43 -0.73	35.83 1.29 -0.47	32.83 1.00 -0.71
MILLIKEN___DIESEL 23629	30.48 0.79 -0.49	27.19 0.68 -0.16	25.44 0.60 0.00	24.99 0.54 0.00	24.57 0.48 0.00	23.97 0.47 0.00	23.79 0.40 0.00	22.98 0.32 0.00	24.20 0.38 0.00	25.93 0.48 -0.06	28.65 0.56 -0.23	31.77 0.67 -0.52	34.30 0.83 -0.46	36.10 0.90 -0.43	39.06 1.01 -0.61	42.65 1.06 -0.85	50.10 1.28 -1.35	55.15 1.41 -1.70	60.25 1.74 -2.39	54.51 1.73 -2.03	48.93 1.57 -1.20	40.72 1.43 -0.73	35.83 1.29 -0.47	32.83 1.00 -0.71
MILLSEAT___LFGE 323607	29.11 -0.09 0.00	26.00 -0.34 0.00	24.60 -0.25 0.00	23.98 -0.47 0.00	23.58 -0.51 0.00	23.10 -0.40 0.00	22.83 -0.56 0.00	21.91 -0.75 0.00	23.03 -0.79 0.00	24.86 -0.53 0.00	27.31 -0.56 0.00	29.97 -0.61 0.00	32.79 -0.23 0.00	34.66 -0.10 0.00	37.29 -0.15 0.00	40.25 -0.49 0.00	46.80 -0.66 0.00	50.75 -1.30 0.00	54.72 -1.40 0.00	50.19 -0.56 0.00	45.61 -0.55 0.00	37.79 -0.77 0.00	34.03 -0.03 0.00	31.32 0.19 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	31.68 2.48 0.00	28.50 2.16 0.00	26.76 1.91 0.00	26.23 1.78 0.00	25.85 1.76 0.00	25.17 1.67 0.00	24.82 1.43 0.00	23.99 1.34 0.00	25.70 1.88 0.00	27.58 2.18 0.00	30.35 2.48 0.00	33.42 2.84 0.00	35.89 2.87 0.00	37.86 3.09 0.00	40.62 3.18 0.00	44.12 3.38 0.00	51.41 3.94 0.00	56.26 4.22 0.00	60.39 4.27 0.00	54.35 3.60 0.00	49.44 3.28 0.00	41.26 2.70 0.00	36.55 2.49 0.00	33.62 2.49 0.00
MILLWOOD_13_KV_LOAD 356217	31.77 2.57 0.00	28.58 2.24 0.00	26.83 1.99 0.00	26.31 1.86 0.00	25.92 1.83 0.00	25.24 1.74 0.00	24.89 1.50 0.00	24.06 1.40 0.00	25.82 2.00 0.00	27.71 2.31 0.00	30.49 2.62 0.00	33.61 3.03 0.00	36.09 3.07 0.00	38.07 3.30 0.00	40.88 3.44 0.00	44.40 3.67 0.00	51.74 4.27 0.00	56.63 4.58 0.00	60.78 4.66 0.00	54.65 3.91 0.00	49.72 3.55 0.00	41.49 2.93 0.00	36.72 2.66 0.00	33.77 2.65 0.00
MODEL_CITY_ENERGY 24167	28.26 -0.94 0.00	25.26 -1.08 0.00	23.93 -0.92 0.00	23.32 -1.12 0.00	22.93 -1.16 0.00	22.56 -0.94 0.00	22.24 -1.15 0.00	21.30 -1.36 0.00	22.44 -1.38 0.00	24.20 -1.19 0.00	26.59 -1.28 0.00	29.11 -1.47 0.00	31.86 -1.16 0.00	33.62 -1.15 0.00	36.13 -1.31 0.00	38.91 -1.83 0.00	45.19 -2.28 0.00	48.87 -3.18 0.00	52.53 -3.59 0.00	48.21 -2.54 0.00	43.81 -2.35 0.00	36.33 -2.24 0.00	32.87 -1.19 0.00	30.32 -0.81 0.00
MODERN_LFGE___ 323580	28.26 -0.94 0.00	25.26 -1.08 0.00	23.93 -0.92 0.00	23.32 -1.12 0.00	22.93 -1.16 0.00	22.56 -0.94 0.00	22.24 -1.15 0.00	21.30 -1.36 0.00	22.44 -1.38 0.00	24.20 -1.19 0.00	26.59 -1.28 0.00	29.11 -1.47 0.00	31.86 -1.16 0.00	33.62 -1.15 0.00	36.13 -1.31 0.00	38.91 -1.83 0.00	45.19 -2.28 0.00	48.87 -3.18 0.00	52.53 -3.59 0.00	48.21 -2.54 0.00	43.81 -2.35 0.00	36.33 -2.24 0.00	32.87 -1.19 0.00	30.32 -0.81 0.00
MOHAWK_PAPER___DRP 24187	30.51 1.31 0.00	27.58 1.24 0.00	26.14 1.29 0.00	25.69 1.25 0.00	25.32 1.23 0.00	24.70 1.20 0.00	24.44 1.05 0.00	23.54 0.88 0.00	24.99 1.17 0.00	26.49 1.09 0.00	28.98 1.11 0.00	31.83 1.25 0.00	34.34 1.32 0.00	36.16 1.39 0.00	39.01 1.57 0.00	42.57 1.83 0.00	49.55 2.09 0.00	54.44 2.39 0.00	58.71 2.58 0.00	52.98 2.23 0.00	48.19 2.03 0.00	40.22 1.66 0.00	35.46 1.40 0.00	32.47 1.34 0.00
MOHICAN___35_KV_115KV_LD 80490	31.22 2.01 0.00	28.24 1.90 0.00	26.53 1.69 0.00	26.06 1.61 0.00	25.63 1.54 0.00	25.06 1.55 0.00	24.68 1.29 0.00	23.81 1.16 0.00	25.30 1.48 0.00	27.02 1.63 0.00	29.51 1.64 0.00	32.38 1.80 0.00	35.03 2.01 0.00	36.78 2.02 0.00	39.68 2.25 0.00	43.30 2.57 0.00	50.46 2.99 0.00	55.53 3.49 0.00	60.50 4.38 0.00	54.81 4.06 0.00	49.99 3.83 0.00	41.61 3.05 0.00	36.55 2.49 0.00	33.28 2.15 0.00
MONGAUP___HYD 23641	31.42 2.22 0.00	28.32 1.98 0.00	26.63 1.79 0.00	26.13 1.69 0.00	25.73 1.64 0.00	25.06 1.55 0.00	24.67 1.29 0.00	23.84 1.18 0.00	25.27 1.45 0.00	27.02 1.63 0.00	29.65 1.79 0.00	32.63 2.05 0.00	35.26 2.25 0.00	37.20 2.43 0.00	40.06 2.62 0.00	43.63 2.89 0.00	51.12 3.66 0.00	56.00 3.95 0.00	60.45 4.32 0.00	54.50 3.76 0.00	49.53 3.37 0.00	41.46 2.89 0.00	36.55 2.49 0.00	33.34 2.21 0.00
MONTAUK___DIESEL 23721	37.49 3.97 -4.32	36.24 3.35 -6.55	33.76 2.86 -6.06	31.42 2.71 -4.26	27.59 2.63 -0.88	28.30 2.54 -2.26	25.63 2.25 0.00	24.79 2.13 0.00	32.45 2.98 -5.66	36.21 3.50 -7.31	39.51 4.38 -7.27	64.67 5.23 -28.86	47.03 5.51 -8.50	126.21 6.01 -85.43	137.29 6.36 -93.49	141.16 6.80 -93.62	148.89 7.97 -93.45	149.10 8.38 -88.68	141.88 8.70 -77.06	120.27 7.31 -62.22	55.78 6.42 -3.20	63.03 5.24 -19.22	41.57 4.22 -3.29	39.27 3.95 -4.18
MOONROAD_115KV_HARTFLD_TB1-2 355988	29.52 0.32 0.00	26.48 0.13 0.00	25.22 0.37 0.00	24.59 0.15 0.00	24.18 0.10 0.00	23.69 0.19 0.00	23.41 0.02 0.00	22.52 -0.14 0.00	23.84 0.02 0.00	25.75 0.36 0.00	28.40 0.53 0.00	31.19 0.61 0.00	34.11 1.09 0.00	36.02 1.25 0.00	38.56 1.12 0.00	41.68 0.94 0.00	48.70 1.23 0.00	52.10 0.05 0.00	56.63 0.51 0.00	51.61 0.86 0.00	46.62 0.46 0.00	39.49 0.93 0.00	35.09 1.02 0.00	31.66 0.53 0.00

MORTIMER_115KV_TB3 55949	29.05 -0.15 0.00	26.08 -0.26 0.00	24.62 -0.22 0.00	24.08 -0.37 0.00	23.68 -0.41 0.00	23.11 -0.40 0.00	22.90 -0.49 0.00	22.09 -0.57 0.00	23.27 -0.55 0.00	25.02 -0.38 0.00	27.51 -0.36 0.00	30.27 -0.31 0.00	32.95 -0.07 0.00	34.83 0.07 0.00	37.51 0.07 0.00	40.66 -0.08 0.00	47.61 0.14 0.00	51.47 -0.57 0.00	55.73 -0.39 0.00	50.70 -0.05 0.00	45.84 -0.32 0.00	38.72 0.15 0.00	34.20 0.14 0.00	30.97 -0.16 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	32.03 2.83 0.00	28.79 2.45 0.00	26.98 2.14 0.00	26.43 1.98 0.00	26.06 1.98 0.00	25.36 1.86 0.00	25.00 1.61 0.00	24.18 1.52 0.00	25.94 2.12 0.00	27.88 2.49 0.00	30.71 2.84 0.00	32.66 3.27 1.19	36.35 3.33 0.00	38.30 3.55 0.01	40.99 3.56 0.00	44.49 3.75 0.00	51.88 4.41 0.00	56.73 4.68 0.00	60.90 4.77 0.00	54.76 4.01 0.00	49.85 3.69 0.00	41.61 3.05 0.00	36.92 2.86 0.00	34.02 2.89 0.00
MUNSVILLE_WIND_PWR 323609	32.22 2.72 -0.31	28.84 2.40 -0.10	27.06 2.21 0.00	26.55 2.10 0.00	25.97 1.88 0.00	25.36 1.86 0.00	25.14 1.76 0.00	24.24 1.59 0.00	25.44 1.62 0.00	27.28 1.85 -0.04	30.05 2.03 -0.14	33.23 2.32 -0.33	35.98 2.67 -0.29	37.99 2.95 -0.27	41.08 3.26 -0.38	44.57 3.30 -0.54	51.97 3.66 -0.85	58.17 5.05 -1.07	63.58 5.95 -1.51	57.76 5.73 -1.28	52.23 5.31 -0.76	43.30 4.28 -0.46	38.17 3.81 -0.30	34.78 3.21 -0.45
N SALMON___HYD 24042	28.09 -1.11 0.00	25.42 -0.92 0.00	23.88 -0.97 0.00	23.49 -0.95 0.00	23.24 -0.84 0.00	22.73 -0.78 0.00	22.97 -0.42 0.00	22.45 -0.20 0.00	23.39 -0.43 0.00	24.84 -0.56 0.00	27.26 -0.61 0.00	29.78 -0.80 0.00	32.16 -0.86 0.00	33.76 -1.01 0.00	36.39 -1.05 0.00	39.68 -1.06 0.00	46.52 -0.95 0.00	51.21 -0.83 0.00	55.34 -0.79 0.00	50.39 -0.35 0.00	45.93 -0.23 0.00	37.94 -0.62 0.00	33.35 -0.72 0.00	30.35 -0.78 0.00
N.AKRON__115KV_KNAPP 355671	29.05 -0.15 0.00	26.03 -0.32 0.00	24.70 -0.15 0.00	24.08 -0.37 0.00	23.68 -0.41 0.00	23.13 -0.38 0.00	22.78 -0.61 0.00	21.84 -0.82 0.00	23.03 -0.79 0.00	24.81 -0.58 0.00	27.28 -0.59 0.00	29.97 -0.61 0.00	32.79 -0.23 0.00	34.70 -0.07 0.00	37.29 -0.15 0.00	40.33 -0.41 0.00	47.37 -0.09 0.00	50.80 -1.25 0.00	55.17 -0.95 0.00	50.34 -0.41 0.00	45.42 -0.74 0.00	38.60 0.04 0.00	34.13 0.07 0.00	30.82 -0.31 0.00
N.BELMOR_69_KV_BK1 55787	36.79 3.27 -4.32	35.74 2.85 -6.55	33.41 2.51 -6.06	31.08 2.37 -4.26	27.30 2.34 -0.88	27.97 2.21 -2.26	25.33 1.94 0.00	24.47 1.81 0.00	31.95 2.48 -5.66	35.55 2.84 -7.31	38.40 3.26 -7.27	44.50 3.73 -10.19	45.55 3.86 -8.67	49.80 4.14 -10.89	50.36 4.19 -8.73	51.63 4.40 -6.49	57.77 5.17 -5.13	62.06 5.52 -4.49	65.10 5.67 -3.30	55.57 4.82 0.00	50.64 4.48 0.00	45.46 3.82 -3.08	40.79 3.44 -3.28	38.68 3.36 -4.18
N.E_GEN_SANDY PD 24062	30.92 1.72 0.00	27.92 1.58 0.00	26.36 1.52 0.00	25.91 1.47 0.00	25.51 1.42 0.00	24.82 1.32 0.00	24.31 1.03 0.11	23.74 0.97 -0.11	25.20 1.38 0.00	26.84 1.45 0.00	29.40 1.53 0.00	32.32 1.74 0.00	34.80 1.78 0.00	36.61 1.84 0.00	39.46 2.02 0.00	43.10 2.36 0.00	50.17 2.70 0.00	54.96 2.91 0.00	59.27 3.14 0.00	53.38 2.64 0.00	48.47 2.31 0.00	40.64 2.08 0.00	35.80 1.74 0.00	32.72 1.59 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.62 2.42 0.00	28.50 2.16 0.00	26.73 1.89 0.00	26.21 1.76 0.00	25.82 1.73 0.00	25.15 1.65 0.00	24.79 1.40 0.00	23.97 1.31 0.00	25.65 1.83 0.00	27.53 2.13 0.00	30.26 2.40 0.00	33.33 2.75 0.00	35.79 2.77 0.00	37.69 2.92 0.00	40.47 3.03 0.00	43.96 3.22 0.00	51.22 3.75 0.00	56.05 4.01 0.00	60.22 4.10 0.00	54.15 3.40 0.00	49.25 3.09 0.00	41.07 2.51 0.00	36.38 2.32 0.00	33.49 2.37 0.00
N.QUEENS_27_KV_LOAD 356247	32.25 3.04 -0.01	29.12 2.77 -0.01	27.26 2.41 -0.01	26.73 2.27 -0.01	26.34 2.24 -0.01	25.60 2.09 0.00	25.10 1.71 0.00	24.20 1.54 0.00	26.01 2.19 0.00	28.04 2.64 0.00	30.94 3.07 -0.01	35.34 3.49 -1.27	36.65 3.63 0.00	38.53 3.75 -0.01	40.99 3.56 0.00	44.49 3.75 0.00	52.21 4.75 0.00	56.99 4.94 0.00	61.12 5.00 0.00	54.86 4.11 0.00	50.04 3.88 0.00	41.73 3.16 0.00	37.27 3.20 -0.01	34.22 3.08 -0.01
N.TROY___115KV_TB1 355778	30.66 1.46 0.00	27.71 1.37 0.00	26.19 1.34 0.00	25.74 1.30 0.00	25.34 1.25 0.00	24.73 1.22 0.00	24.40 1.01 0.00	23.54 0.88 0.00	24.96 1.14 0.00	26.59 1.19 0.00	29.09 1.23 0.00	31.95 1.38 0.00	34.47 1.45 0.00	36.26 1.49 0.00	39.12 1.68 0.00	42.73 2.00 0.00	49.70 2.23 0.00	54.60 2.55 0.00	58.93 2.81 0.00	53.18 2.44 0.00	48.42 2.26 0.00	40.38 1.81 0.00	35.63 1.57 0.00	32.62 1.49 0.00
NARROWS_GT1_1 24228	40.16 3.13 -7.84	29.07 2.71 -0.02	27.24 2.39 -0.01	26.68 2.22 -0.01	26.31 2.21 -0.01	25.56 2.04 -0.01	25.10 1.71 0.00	24.29 1.63 0.00	26.08 2.26 0.00	28.07 2.67 -0.01	42.02 3.09 -11.05	39.98 3.61 -5.80	36.74 3.66 -0.06	38.81 4.03 -0.02	41.33 3.89 0.00	44.90 4.16 0.00	52.69 5.22 0.00	57.36 5.31 0.00	61.63 5.50 0.00	55.32 4.57 0.00	50.32 4.16 0.00	42.11 3.55 0.00	37.58 3.41 -0.11	34.38 3.14 -0.11
NARROWS_GT1_2 24229	40.16 3.13 -7.84	29.07 2.71 -0.02	27.24 2.39 -0.01	26.68 2.22 -0.01	26.31 2.21 -0.01	25.56 2.04 -0.01	25.10 1.71 0.00	24.29 1.63 0.00	26.08 2.26 0.00	28.07 2.67 -0.01	42.02 3.09 -11.05	39.98 3.61 -5.80	36.74 3.66 -0.06	38.81 4.03 -0.02	41.33 3.89 0.00	44.90 4.16 0.00	52.69 5.22 0.00	57.36 5.31 0.00	61.63 5.50 0.00	55.32 4.57 0.00	50.32 4.16 0.00	42.11 3.55 0.00	37.58 3.41 -0.11	34.38 3.14 -0.11
NARROWS_GT1_3 24230	40.16 3.13 -7.84	29.07 2.71 -0.02	27.24 2.39 -0.01	26.68 2.22 -0.01	26.31 2.21 -0.01	25.56 2.04 -0.01	25.10 1.71 0.00	24.29 1.63 0.00	26.08 2.26 0.00	28.07 2.67 -0.01	42.02 3.09 -11.05	39.98 3.61 -5.80	36.74 3.66 -0.06	38.81 4.03 -0.02	41.33 3.89 0.00	44.90 4.16 0.00	52.69 5.22 0.00	57.36 5.31 0.00	61.63 5.50 0.00	55.32 4.57 0.00	50.32 4.16 0.00	42.11 3.55 0.00	37.58 3.41 -0.11	34.38 3.14 -0.11
NARROWS_GT1_4 24231	40.16 3.13 -7.84	29.07 2.71 -0.02	27.24 2.39 -0.01	26.68 2.22 -0.01	26.31 2.21 -0.01	25.56 2.04 -0.01	25.10 1.71 0.00	24.29 1.63 0.00	26.08 2.26 0.00	28.07 2.67 -0.01	42.02 3.09 -11.05	39.98 3.61 -5.80	36.74 3.66 -0.06	38.81 4.03 -0.02	41.33 3.89 0.00	44.90 4.16 0.00	52.69 5.22 0.00	57.36 5.31 0.00	61.63 5.50 0.00	55.32 4.57 0.00	50.32 4.16 0.00	42.11 3.55 0.00	37.58 3.41 -0.11	34.38 3.14 -0.11
NARROWS_GT1_5 24232	40.16 3.13 -7.84	29.07 2.71 -0.02	27.24 2.39 -0.01	26.68 2.22 -0.01	26.31 2.21 -0.01	25.56 2.04 -0.01	25.10 1.71 0.00	24.29 1.63 0.00	26.08 2.26 0.00	28.07 2.67 -0.01	42.02 3.09 -11.05	39.98 3.61 -5.80	36.74 3.66 -0.06	38.81 4.03 -0.02	41.33 3.89 0.00	44.90 4.16 0.00	52.69 5.22 0.00	57.36 5.31 0.00	61.63 5.50 0.00	55.32 4.57 0.00	50.32 4.16 0.00	42.11 3.55 0.00	37.58 3.41 -0.11	34.38 3.14 -0.11

NARROWS_GT1_6 24233	40.16 3.13 -7.84	29.07 2.71 -0.02	27.24 2.39 -0.01	26.68 2.22 -0.01	26.31 2.21 -0.01	25.56 2.04 -0.01	25.10 1.71 0.00	24.29 1.63 0.00	26.08 2.26 0.00	28.07 2.67 -0.01	42.02 3.09 -11.05	39.98 3.61 -5.80	36.74 3.66 -0.06	38.81 4.03 -0.02	41.33 3.89 0.00	44.90 4.16 0.00	52.69 5.22 0.00	57.36 5.31 0.00	61.63 5.50 0.00	55.32 4.57 0.00	50.32 4.16 0.00	42.11 3.55 0.00	37.58 3.41 -0.11	34.38 3.14 -0.11
NARROWS_GT1_7 24234	40.16 3.13 -7.84	29.07 2.71 -0.02	27.24 2.39 -0.01	26.68 2.22 -0.01	26.31 2.21 -0.01	25.56 2.04 -0.01	25.10 1.71 0.00	24.29 1.63 0.00	26.08 2.26 0.00	28.07 2.67 -0.01	42.02 3.09 -11.05	39.98 3.61 -5.80	36.74 3.66 -0.06	38.81 4.03 -0.02	41.33 3.89 0.00	44.90 4.16 0.00	52.69 5.22 0.00	57.36 5.31 0.00	61.63 5.50 0.00	55.32 4.57 0.00	50.32 4.16 0.00	42.11 3.55 0.00	37.58 3.41 -0.11	34.38 3.14 -0.11
NARROWS_GT1_8 24235	40.16 3.13 -7.84	29.07 2.71 -0.02	27.24 2.39 -0.01	26.68 2.22 -0.01	26.31 2.21 -0.01	25.56 2.04 -0.01	25.10 1.71 0.00	24.29 1.63 0.00	26.08 2.26 0.00	28.07 2.67 -0.01	42.02 3.09 -11.05	39.98 3.61 -5.80	36.74 3.66 -0.06	38.81 4.03 -0.02	41.33 3.89 0.00	44.90 4.16 0.00	52.69 5.22 0.00	57.36 5.31 0.00	61.63 5.50 0.00	55.32 4.57 0.00	50.32 4.16 0.00	42.11 3.55 0.00	37.58 3.41 -0.11	34.38 3.14 -0.11
NARROWS_GT2_1 24236	40.16 3.13 -7.84	29.07 2.71 -0.02	27.24 2.39 -0.01	26.68 2.22 -0.01	26.31 2.21 -0.01	25.56 2.04 -0.01	25.10 1.71 0.00	24.29 1.63 0.00	26.08 2.26 0.00	28.07 2.67 -0.01	42.02 3.09 -11.05	39.98 3.61 -5.80	36.74 3.66 -0.06	38.81 4.03 -0.02	41.33 3.89 0.00	44.90 4.16 0.00	52.69 5.22 0.00	57.36 5.31 0.00	61.63 5.50 0.00	55.32 4.57 0.00	50.32 4.16 0.00	42.11 3.55 0.00	37.58 3.41 -0.11	34.38 3.14 -0.11
NARROWS_GT2_2 24237	40.16 3.13 -7.84	29.07 2.71 -0.02	27.24 2.39 -0.01	26.68 2.22 -0.01	26.31 2.21 -0.01	25.56 2.04 -0.01	25.10 1.71 0.00	24.29 1.63 0.00	26.08 2.26 0.00	28.07 2.67 -0.01	42.02 3.09 -11.05	39.98 3.61 -5.80	36.74 3.66 -0.06	38.81 4.03 -0.02	41.33 3.89 0.00	44.90 4.16 0.00	52.69 5.22 0.00	57.36 5.31 0.00	61.63 5.50 0.00	55.32 4.57 0.00	50.32 4.16 0.00	42.11 3.55 0.00	37.58 3.41 -0.11	34.38 3.14 -0.11
NARROWS_GT2_3 24238	40.16 3.13 -7.84	29.07 2.71 -0.02	27.24 2.39 -0.01	26.68 2.22 -0.01	26.31 2.21 -0.01	25.56 2.04 -0.01	25.10 1.71 0.00	24.29 1.63 0.00	26.08 2.26 0.00	28.07 2.67 -0.01	42.02 3.09 -11.05	39.98 3.61 -5.80	36.74 3.66 -0.06	38.81 4.03 -0.02	41.33 3.89 0.00	44.90 4.16 0.00	52.69 5.22 0.00	57.36 5.31 0.00	61.63 5.50 0.00	55.32 4.57 0.00	50.32 4.16 0.00	42.11 3.55 0.00	37.58 3.41 -0.11	34.38 3.14 -0.11
NARROWS_GT2_4 24239	40.16 3.13 -7.84	29.07 2.71 -0.02	27.24 2.39 -0.01	26.68 2.22 -0.01	26.31 2.21 -0.01	25.56 2.04 -0.01	25.10 1.71 0.00	24.29 1.63 0.00	26.08 2.26 0.00	28.07 2.67 -0.01	42.02 3.09 -11.05	39.98 3.61 -5.80	36.74 3.66 -0.06	38.81 4.03 -0.02	41.33 3.89 0.00	44.90 4.16 0.00	52.69 5.22 0.00	57.36 5.31 0.00	61.63 5.50 0.00	55.32 4.57 0.00	50.32 4.16 0.00	42.11 3.55 0.00	37.58 3.41 -0.11	34.38 3.14 -0.11
NARROWS_GT2_5 24240	40.16 3.13 -7.84	29.07 2.71 -0.02	27.24 2.39 -0.01	26.68 2.22 -0.01	26.31 2.21 -0.01	25.56 2.04 -0.01	25.10 1.71 0.00	24.29 1.63 0.00	26.08 2.26 0.00	28.07 2.67 -0.01	42.02 3.09 -11.05	39.98 3.61 -5.80	36.74 3.66 -0.06	38.81 4.03 -0.02	41.33 3.89 0.00	44.90 4.16 0.00	52.69 5.22 0.00	57.36 5.31 0.00	61.63 5.50 0.00	55.32 4.57 0.00	50.32 4.16 0.00	42.11 3.55 0.00	37.58 3.41 -0.11	34.38 3.14 -0.11
NARROWS_GT2_6 24241	40.16 3.13 -7.84	29.07 2.71 -0.02	27.24 2.39 -0.01	26.68 2.22 -0.01	26.31 2.21 -0.01	25.56 2.04 -0.01	25.10 1.71 0.00	24.29 1.63 0.00	26.08 2.26 0.00	28.07 2.67 -0.01	42.02 3.09 -11.05	39.98 3.61 -5.80	36.74 3.66 -0.06	38.81 4.03 -0.02	41.33 3.89 0.00	44.90 4.16 0.00	52.69 5.22 0.00	57.36 5.31 0.00	61.63 5.50 0.00	55.32 4.57 0.00	50.32 4.16 0.00	42.11 3.55 0.00	37.58 3.41 -0.11	34.38 3.14 -0.11
NARROWS_GT2_7 24242	40.16 3.13 -7.84	29.07 2.71 -0.02	27.24 2.39 -0.01	26.68 2.22 -0.01	26.31 2.21 -0.01	25.56 2.04 -0.01	25.10 1.71 0.00	24.29 1.63 0.00	26.08 2.26 0.00	28.07 2.67 -0.01	42.02 3.09 -11.05	39.98 3.61 -5.80	36.74 3.66 -0.06	38.81 4.03 -0.02	41.33 3.89 0.00	44.90 4.16 0.00	52.69 5.22 0.00	57.36 5.31 0.00	61.63 5.50 0.00	55.32 4.57 0.00	50.32 4.16 0.00	42.11 3.55 0.00	37.58 3.41 -0.11	34.38 3.14 -0.11
NARROWS_GT2_8 24243	40.16 3.13 -7.84	29.07 2.71 -0.02	27.24 2.39 -0.01	26.68 2.22 -0.01	26.31 2.21 -0.01	25.56 2.04 -0.01	25.10 1.71 0.00	24.29 1.63 0.00	26.08 2.26 0.00	28.07 2.67 -0.01	42.02 3.09 -11.05	39.98 3.61 -5.80	36.74 3.66 -0.06	38.81 4.03 -0.02	41.33 3.89 0.00	44.90 4.16 0.00	52.69 5.22 0.00	57.36 5.31 0.00	61.63 5.50 0.00	55.32 4.57 0.00	50.32 4.16 0.00	42.11 3.55 0.00	37.58 3.41 -0.11	34.38 3.14 -0.11
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	30.92 1.72 0.00	27.98 1.63 0.00	26.56 1.71 0.00	26.13 1.69 0.00	25.75 1.66 0.00	25.17 1.67 0.00	24.89 1.50 0.00	23.90 1.25 0.00	25.15 1.33 0.00	26.46 1.07 0.00	28.93 1.06 0.00	31.71 1.13 0.00	34.47 1.45 0.00	36.29 1.53 0.00	39.27 1.83 0.00	42.98 2.24 0.00	50.36 2.90 0.00	55.53 3.49 0.00	60.17 4.04 0.00	54.45 3.70 0.00	49.48 3.32 0.00	41.15 2.58 0.00	36.18 2.11 0.00	32.93 1.81 0.00
NCHELSEA_115KV_TR2 355582	31.74 2.54 0.00	28.58 2.24 0.00	26.86 2.01 0.00	26.35 1.91 0.00	25.97 1.88 0.00	25.29 1.79 0.00	24.91 1.52 0.00	24.04 1.38 0.00	25.63 1.81 0.00	27.50 2.11 0.00	30.26 2.40 0.00	33.33 2.75 0.00	36.02 3.00 0.00	37.93 3.16 0.00	40.81 3.37 0.00	44.40 3.67 0.00	51.83 4.37 0.00	56.78 4.74 0.00	61.01 4.88 0.00	54.91 4.16 0.00	49.85 3.69 0.00	41.57 3.01 0.00	36.79 2.73 0.00	33.71 2.58 0.00
NEG CAPITAL____MECHNVIL 23645	31.13 1.93 0.00	28.14 1.79 0.00	26.48 1.64 0.00	26.04 1.59 0.00	25.61 1.52 0.00	24.99 1.48 0.00	24.58 1.19 0.00	23.75 1.09 0.00	25.25 1.43 0.00	26.92 1.52 0.00	29.51 1.64 0.00	32.41 1.83 0.00	35.03 2.01 0.00	36.85 2.09 0.00	39.76 2.32 0.00	43.38 2.65 0.00	50.55 3.08 0.00	55.53 3.49 0.00	60.11 3.99 0.00	54.35 3.60 0.00	49.44 3.28 0.00	41.26 2.70 0.00	36.28 2.21 0.00	33.06 1.93 0.00
NEG CENTRAL_HIGH_ACRES 23767	28.68 -0.52 0.00	25.74 -0.60 0.00	24.27 -0.57 0.00	23.76 -0.68 0.00	23.37 -0.72 0.00	22.80 -0.70 0.00	22.59 -0.80 0.00	21.86 -0.79 0.00	23.03 -0.79 0.00	24.76 -0.63 0.00	27.23 -0.64 0.00	29.93 -0.64 0.00	32.56 -0.46 0.00	34.38 -0.38 0.00	37.06 -0.37 0.00	40.17 -0.57 0.00	46.76 -0.71 0.00	51.01 -1.04 0.00	54.94 -1.18 0.00	49.99 -0.76 0.00	45.47 -0.69 0.00	37.83 -0.73 0.00	33.72 -0.34 0.00	30.88 -0.25 0.00

NEG CENTRAL___DRP 24199	29.96 0.26 -0.50	26.66 0.16 -0.16	24.97 0.12 0.00	24.50 0.05 0.00	24.09 0.00 0.00	23.50 0.00 0.00	23.32 -0.07 0.00	22.52 -0.14 0.00	23.75 -0.07 0.00	25.50 0.05 -0.06	28.18 0.08 -0.23	31.29 0.18 -0.53	33.82 0.33 -0.47	35.62 0.42 -0.44	38.54 0.49 -0.62	42.09 0.49 -0.87	49.51 0.66 -1.38	54.25 0.47 -1.73	59.29 0.73 -2.43	53.58 0.76 -2.07	47.99 0.60 -1.23	40.04 0.73 -0.74	35.22 0.68 -0.48	32.22 0.37 -0.72
NEG CENTRAL___INDECK 23768	30.19 0.99 0.00	27.06 0.71 0.00	25.49 0.64 0.00	24.91 0.46 0.00	24.50 0.41 0.00	23.90 0.40 0.00	23.62 0.23 0.00	22.64 -0.02 0.00	23.60 -0.21 0.00	25.27 -0.13 0.00	27.64 -0.22 0.00	30.33 -0.25 0.00	33.08 0.07 0.00	34.98 0.21 0.00	36.50 -0.93 0.00	39.56 -1.18 0.00	46.09 -1.38 0.00	50.59 -1.46 0.00	55.23 -0.90 0.00	50.90 0.15 0.00	46.58 0.41 0.00	38.72 0.15 0.00	35.70 1.63 0.00	32.68 1.56 0.00
NEG CENTRAL___SENECA 23627	29.90 0.44 -0.26	26.72 0.29 -0.09	25.09 0.25 0.00	24.57 0.12 0.00	24.18 0.10 0.00	23.60 0.09 0.00	23.41 0.02 0.00	22.59 -0.07 0.00	23.82 0.00 0.00	25.58 0.15 -0.03	28.19 0.20 -0.12	31.20 0.34 -0.28	33.76 0.50 -0.25	35.62 0.63 -0.23	38.48 0.71 -0.33	41.85 0.65 -0.46	49.14 0.95 -0.73	53.59 0.62 -0.92	58.42 1.01 -1.29	52.91 1.07 -1.10	47.64 0.83 -0.65	39.92 0.96 -0.39	35.20 0.89 -0.25	32.04 0.53 -0.38
NEG CENTRAL___STATE_STREET 24147	30.13 0.26 -0.66	26.74 0.18 -0.22	24.99 0.15 0.00	24.52 0.07 0.00	24.14 0.05 0.00	23.55 0.05 0.00	23.34 -0.05 0.00	22.59 -0.07 0.00	23.84 0.02 0.00	25.60 0.13 -0.08	28.37 0.20 -0.31	31.59 0.31 -0.71	34.11 0.46 -0.63	35.91 0.56 -0.59	38.90 0.64 -0.83	42.50 0.61 -1.15	50.06 0.76 -1.83	55.03 0.68 -2.31	60.26 0.90 -3.24	54.37 0.86 -2.76	48.53 0.74 -1.63	40.32 0.77 -0.99	35.38 0.68 -0.64	32.56 0.47 -0.96
NEG MILLWOOD___DRP 24198	31.92 2.72 0.00	28.72 2.37 0.00	26.96 2.11 0.00	26.43 1.98 0.00	26.02 1.93 0.00	25.36 1.86 0.00	25.00 1.61 0.00	24.15 1.50 0.00	25.89 2.07 0.00	27.81 2.41 0.00	30.63 2.76 0.00	33.79 3.21 0.00	36.45 3.43 0.00	38.45 3.69 0.00	41.40 3.97 0.00	44.97 4.24 0.00	52.45 4.98 0.00	57.46 5.41 0.00	61.63 5.50 0.00	55.42 4.67 0.00	50.27 4.11 0.00	41.96 3.39 0.00	37.06 3.00 0.00	33.99 2.86 0.00
NEG NORTH_FLCN_SEA 23793	28.44 -0.76 0.00	25.76 -0.58 0.00	24.20 -0.65 0.00	23.81 -0.64 0.00	23.58 -0.51 0.00	23.03 -0.47 0.00	23.20 -0.19 0.00	22.73 0.07 0.00	23.68 -0.14 0.00	25.14 -0.25 0.00	27.62 -0.25 0.00	30.21 -0.37 0.00	32.59 -0.43 0.00	34.21 -0.56 0.00	36.88 -0.56 0.00	40.21 -0.53 0.00	47.09 -0.38 0.00	51.84 -0.21 0.00	56.01 -0.11 0.00	50.95 0.20 0.00	46.44 0.28 0.00	38.37 -0.19 0.00	33.76 -0.31 0.00	30.76 -0.37 0.00
NEG NORTH_KES_CHATEGAY 23792	28.12 -1.08 0.00	25.42 -0.92 0.00	23.90 -0.94 0.00	23.52 -0.93 0.00	23.29 -0.79 0.00	22.75 -0.75 0.00	22.92 -0.47 0.00	22.43 -0.23 0.00	23.34 -0.48 0.00	24.79 -0.61 0.00	27.20 -0.67 0.00	29.72 -0.86 0.00	32.09 -0.92 0.00	33.69 -1.08 0.00	36.31 -1.12 0.00	39.60 -1.14 0.00	46.33 -1.14 0.00	51.01 -1.04 0.00	55.17 -0.95 0.00	50.19 -0.56 0.00	45.70 -0.46 0.00	37.83 -0.73 0.00	33.28 -0.78 0.00	30.35 -0.78 0.00
NEG NORTH___ALICE_FALLS 23915	28.41 -0.79 0.00	25.74 -0.61 0.00	24.17 -0.67 0.00	23.76 -0.68 0.00	23.56 -0.53 0.00	22.99 -0.52 0.00	23.18 -0.21 0.00	22.73 0.07 0.00	23.68 -0.14 0.00	25.14 -0.25 0.00	27.59 -0.28 0.00	30.18 -0.40 0.00	32.56 -0.46 0.00	34.17 -0.59 0.00	36.84 -0.60 0.00	40.21 -0.53 0.00	47.13 -0.33 0.00	51.89 -0.16 0.00	56.07 -0.06 0.00	51.05 0.30 0.00	46.53 0.37 0.00	38.41 -0.15 0.00	33.76 -0.31 0.00	30.76 -0.37 0.00
NEG NORTH___LWR_SARANAC 23913	28.41 -0.79 0.00	25.74 -0.61 0.00	24.17 -0.67 0.00	23.76 -0.68 0.00	23.56 -0.53 0.00	22.99 -0.52 0.00	23.18 -0.21 0.00	22.73 0.07 0.00	23.68 -0.14 0.00	25.14 -0.25 0.00	27.59 -0.28 0.00	30.18 -0.40 0.00	32.56 -0.46 0.00	34.17 -0.59 0.00	36.84 -0.60 0.00	40.21 -0.53 0.00	47.13 -0.33 0.00	51.89 -0.16 0.00	56.07 -0.06 0.00	51.05 0.30 0.00	46.53 0.37 0.00	38.41 -0.15 0.00	33.76 -0.31 0.00	30.76 -0.37 0.00
NEG NORTH___PLATTSBURG 23628	28.41 -0.79 0.00	25.74 -0.60 0.00	24.18 -0.67 0.00	23.76 -0.68 0.00	23.56 -0.53 0.00	23.01 -0.49 0.00	23.23 -0.16 0.00	22.73 0.07 0.00	23.68 -0.14 0.00	25.14 -0.25 0.00	27.59 -0.28 0.00	30.18 -0.40 0.00	32.56 -0.46 0.00	34.17 -0.59 0.00	36.84 -0.60 0.00	40.21 -0.53 0.00	47.14 -0.33 0.00	51.89 -0.16 0.00	56.07 -0.06 0.00	51.05 0.31 0.00	46.53 0.37 0.00	38.41 -0.15 0.00	33.76 -0.31 0.00	30.76 -0.37 0.00
NEG WEST_LEA_LOCKPORT 23791	28.56 -0.64 0.00	25.58 -0.76 0.00	24.30 -0.55 0.00	23.71 -0.73 0.00	23.29 -0.79 0.00	22.78 -0.73 0.00	22.43 -0.96 0.00	21.46 -1.20 0.00	22.68 -1.14 0.00	24.41 -0.99 0.00	26.87 -1.00 0.00	29.48 -1.10 0.00	32.26 -0.76 0.00	34.07 -0.70 0.00	36.58 -0.86 0.00	39.52 -1.22 0.00	46.37 -1.09 0.00	49.55 -2.50 0.00	53.77 -2.36 0.00	49.07 -1.67 0.00	44.27 -1.89 0.00	37.68 -0.89 0.00	33.42 -0.65 0.00	30.19 -0.93 0.00
NEG WEST___LANCASTR 23811	28.94 -0.26 0.00	25.98 -0.37 0.00	24.55 -0.30 0.00	23.96 -0.49 0.00	23.56 -0.53 0.00	23.03 -0.47 0.00	22.76 -0.63 0.00	21.77 -0.88 0.00	23.06 -0.76 0.00	24.84 -0.56 0.00	27.37 -0.50 0.00	30.06 -0.52 0.00	32.85 -0.17 0.00	34.70 -0.07 0.00	37.14 -0.30 0.00	40.13 -0.61 0.00	46.90 -0.57 0.00	50.28 -1.77 0.00	54.55 -1.57 0.00	49.68 -1.07 0.00	44.87 -1.29 0.00	38.02 -0.54 0.00	33.79 -0.27 0.00	30.66 -0.47 0.00
NEG_PENN_ALLEGHNY 23528	30.08 0.58 -0.30	26.92 0.47 -0.10	25.27 0.42 0.00	24.81 0.37 0.00	24.43 0.34 0.00	23.81 0.30 0.00	23.58 0.19 0.00	22.82 0.16 0.00	24.08 0.26 0.00	25.83 0.41 -0.03	28.48 0.47 -0.14	31.51 0.61 -0.32	34.06 0.76 -0.28	35.90 0.87 -0.26	38.70 0.90 -0.37	42.11 0.86 -0.51	49.18 0.90 -0.82	53.91 0.83 -1.03	58.47 0.90 -1.44	52.89 0.91 -1.23	47.76 0.87 -0.73	39.73 0.73 -0.44	35.16 0.82 -0.28	32.30 0.75 -0.43
NEG___GEN_MONROE 24207	29.03 -0.18 0.00	26.05 -0.29 0.00	24.70 -0.15 0.00	24.15 -0.29 0.00	23.75 -0.34 0.00	23.18 -0.33 0.00	22.94 -0.44 0.00	22.02 -0.63 0.00	23.20 -0.62 0.00	24.91 -0.48 0.00	27.42 -0.45 0.00	30.12 -0.46 0.00	32.75 -0.26 0.00	34.66 -0.10 0.00	37.32 -0.11 0.00	40.53 -0.20 0.00	47.56 0.09 0.00	51.27 -0.78 0.00	55.56 -0.56 0.00	50.54 -0.20 0.00	45.75 -0.42 0.00	38.72 0.15 0.00	34.23 0.17 0.00	30.97 -0.16 0.00
NEPA___ENERGY 23901	29.32 0.12 0.00	26.32 -0.03 0.00	24.89 0.05 0.00	24.30 -0.15 0.00	23.90 -0.19 0.00	23.36 -0.14 0.00	23.11 -0.28 0.00	22.20 -0.45 0.00	23.51 -0.31 0.00	25.32 -0.08 0.00	27.87 0.00 0.00	30.64 0.06 0.00	33.45 0.43 0.00	35.29 0.52 0.00	37.81 0.37 0.00	40.86 0.12 0.00	47.70 0.24 0.00	51.21 -0.83 0.00	55.56 -0.56 0.00	50.54 -0.20 0.00	45.70 -0.46 0.00	38.72 0.15 0.00	34.34 0.27 0.00	31.07 -0.06 0.00

NEVERSINK___HYD 23608	30.95 1.75 0.00	27.87 1.53 0.00	26.16 1.32 0.00	25.67 1.22 0.00	25.27 1.18 0.00	24.61 1.10 0.00	24.26 0.87 0.00	23.45 0.79 0.00	24.92 1.10 0.00	26.69 1.29 0.00	29.34 1.48 0.00	32.35 1.77 0.00	34.93 1.91 0.00	35.88 1.11 0.00	38.60 1.16 0.00	42.00 1.26 0.00	49.13 1.66 0.00	53.92 1.87 0.00	58.14 2.02 0.00	52.32 1.57 0.00	47.45 1.29 0.00	40.88 2.31 0.00	36.00 1.94 0.00	32.81 1.68 0.00
NEWKRMKL_115KV_TB1 55635	30.19 0.99 0.00	27.29 0.95 0.00	25.94 1.09 0.00	25.52 1.08 0.00	25.15 1.06 0.00	24.56 1.06 0.00	24.37 0.98 0.00	23.47 0.82 0.00	24.91 1.10 0.00	26.26 0.86 0.00	28.73 0.86 0.00	31.53 0.95 0.00	34.04 1.02 0.00	35.84 1.08 0.00	38.63 1.20 0.00	42.16 1.43 0.00	49.08 1.61 0.00	53.87 1.82 0.00	58.09 1.96 0.00	52.42 1.67 0.00	47.68 1.52 0.00	39.76 1.20 0.00	35.09 1.02 0.00	32.12 1.00 0.00
NEWTON___FALLS_HYD 23847	28.21 -1.26 -0.26	25.32 -1.11 -0.09	23.75 -1.09 0.00	23.35 -1.10 0.00	22.98 -1.11 0.00	22.42 -1.08 0.00	22.45 -0.94 0.00	21.86 -0.79 0.00	22.82 -1.00 0.00	24.41 -1.02 -0.03	26.88 -1.11 -0.12	29.45 -1.41 -0.28	31.81 -1.45 -0.25	33.43 -1.56 -0.23	36.12 -1.65 -0.33	39.40 -1.79 -0.46	46.20 -1.99 -0.73	51.56 -1.41 -0.92	56.18 -1.23 -1.29	50.98 -0.86 -1.10	46.12 -0.69 -0.65	38.26 -0.69 -0.39	33.57 -0.75 -0.25	30.70 -0.81 -0.38
NGRID_A1_DSASP 323792	28.18 -1.02 0.00	25.19 -1.16 0.00	23.88 -0.97 0.00	23.30 -1.15 0.00	22.91 -1.18 0.00	22.21 -1.29 0.00	21.96 -1.43 0.00	21.09 -1.56 0.00	22.22 -1.60 0.00	23.97 -1.42 0.00	26.34 -1.53 0.00	28.80 -1.77 0.00	31.53 -1.49 0.00	33.24 -1.53 0.00	35.72 -1.72 0.00	38.46 -2.28 0.00	44.62 -2.85 0.00	48.25 -3.80 0.00	51.86 -4.27 0.00	47.55 -3.20 0.00	43.25 -2.91 0.00	35.86 -2.70 0.00	32.50 -1.57 0.00	30.01 -1.12 0.00
NGRID_A2_DSASP 323793	28.18 -1.02 0.00	25.19 -1.16 0.00	23.88 -0.97 0.00	23.30 -1.15 0.00	22.91 -1.18 0.00	22.21 -1.29 0.00	21.96 -1.43 0.00	21.09 -1.56 0.00	22.22 -1.60 0.00	23.97 -1.42 0.00	26.34 -1.53 0.00	28.80 -1.77 0.00	31.53 -1.49 0.00	33.24 -1.53 0.00	35.72 -1.72 0.00	38.46 -2.28 0.00	44.62 -2.85 0.00	48.25 -3.80 0.00	51.86 -4.27 0.00	47.55 -3.20 0.00	43.25 -2.91 0.00	35.86 -2.70 0.00	32.50 -1.57 0.00	30.01 -1.12 0.00
NGRID_A4_DSASP 323807	28.18 -1.02 0.00	25.19 -1.16 0.00	23.88 -0.97 0.00	23.30 -1.15 0.00	22.91 -1.18 0.00	22.21 -1.29 0.00	21.96 -1.43 0.00	21.09 -1.56 0.00	22.22 -1.60 0.00	23.97 -1.42 0.00	26.34 -1.53 0.00	28.80 -1.77 0.00	31.53 -1.49 0.00	33.24 -1.53 0.00	35.72 -1.72 0.00	38.46 -2.28 0.00	44.62 -2.85 0.00	48.25 -3.80 0.00	51.86 -4.27 0.00	47.55 -3.20 0.00	43.25 -2.91 0.00	35.86 -2.70 0.00	32.50 -1.57 0.00	30.01 -1.12 0.00
NIAGARA_115E_LBMP 323715	28.09 -1.11 0.00	25.11 -1.24 0.00	23.75 -1.09 0.00	23.18 -1.27 0.00	22.79 -1.30 0.00	22.45 -1.06 0.00	22.10 -1.29 0.00	21.14 -1.52 0.00	22.27 -1.55 0.00	24.05 -1.35 0.00	26.39 -1.48 0.00	28.90 -1.68 0.00	31.63 -1.39 0.00	33.34 -1.43 0.00	35.87 -1.57 0.00	38.58 -2.16 0.00	44.81 -2.66 0.00	48.46 -3.59 0.00	52.08 -4.04 0.00	47.80 -2.94 0.00	43.44 -2.72 0.00	36.02 -2.55 0.00	32.63 -1.43 0.00	30.10 -1.03 0.00
NIAGARA_115W_LBMP 323714	28.12 -1.08 0.00	25.13 -1.21 0.00	23.83 -1.02 0.00	23.25 -1.20 0.00	22.86 -1.23 0.00	22.14 -1.36 0.00	21.89 -1.50 0.00	21.03 -1.63 0.00	22.15 -1.67 0.00	23.92 -1.47 0.00	26.25 -1.62 0.00	28.71 -1.87 0.00	31.43 -1.58 0.00	33.13 -1.63 0.00	35.60 -1.83 0.00	38.33 -2.40 0.00	44.48 -2.99 0.00	48.09 -3.96 0.00	51.69 -4.44 0.00	47.45 -3.30 0.00	43.11 -3.05 0.00	35.75 -2.81 0.00	32.39 -1.67 0.00	29.91 -1.21 0.00
NIAGARA_230_LBMP 323716	28.35 -0.85 0.00	25.34 -1.00 0.00	24.00 -0.84 0.00	23.42 -1.03 0.00	23.03 -1.06 0.00	22.49 -1.01 0.00	22.22 -1.17 0.00	21.34 -1.31 0.00	22.51 -1.31 0.00	24.28 -1.12 0.00	26.64 -1.23 0.00	29.17 -1.41 0.00	31.90 -1.12 0.00	33.62 -1.15 0.00	36.13 -1.31 0.00	38.91 -1.83 0.00	45.19 -2.28 0.00	48.87 -3.18 0.00	52.53 -3.59 0.00	48.16 -2.59 0.00	43.81 -2.35 0.00	36.33 -2.24 0.00	32.87 -1.19 0.00	30.35 -0.78 0.00
NIAGARA___115KV_198_GIBSON 55903	28.03 -1.17 0.00	25.13 -1.21 0.00	23.63 -1.22 0.00	23.05 -1.39 0.00	22.67 -1.42 0.00	22.16 -1.34 0.00	22.01 -1.38 0.00	20.96 -1.70 0.00	22.15 -1.67 0.00	23.82 -1.57 0.00	26.20 -1.67 0.00	28.71 -1.87 0.00	31.43 -1.58 0.00	33.17 -1.60 0.00	35.60 -1.83 0.00	38.42 -2.32 0.00	45.14 -2.33 0.00	48.14 -3.90 0.00	52.20 -3.93 0.00	47.65 -3.10 0.00	42.98 -3.19 0.00	36.60 -1.97 0.00	32.53 -1.53 0.00	29.39 -1.74 0.00
NIAGARA____ 23760	28.35 -0.85 0.00	25.34 -1.00 0.00	24.00 -0.84 0.00	23.42 -1.03 0.00	23.03 -1.06 0.00	22.49 -1.01 0.00	22.22 -1.17 0.00	21.34 -1.31 0.00	22.51 -1.31 0.00	24.28 -1.12 0.00	26.64 -1.23 0.00	29.17 -1.41 0.00	31.90 -1.12 0.00	33.62 -1.15 0.00	36.13 -1.31 0.00	38.91 -1.83 0.00	45.19 -2.28 0.00	48.87 -3.18 0.00	52.53 -3.59 0.00	48.16 -2.59 0.00	43.81 -2.35 0.00	36.33 -2.24 0.00	32.87 -1.19 0.00	30.35 -0.78 0.00
NINE_MILE_1 23575	23.96 -0.79 4.46	24.15 -0.74 1.46	24.15 -0.70 0.00	23.74 -0.71 0.00	23.39 -0.70 0.00	22.80 -0.70 0.00	22.66 -0.73 0.00	21.96 -0.70 0.00	23.08 -0.74 0.00	24.15 -0.74 0.51	24.97 -0.81 2.08	24.94 -0.86 4.78	27.95 -0.86 4.21	29.95 -0.87 3.95	30.93 -0.93 5.57	31.91 -1.06 7.77	33.85 -1.28 12.34	35.03 -1.46 15.56	32.74 -1.57 21.82	30.77 -1.37 18.60	33.96 -1.20 11.00	30.92 -1.00 6.64	28.95 -0.82 4.30	23.92 -0.75 6.46
NINE_MILE_2 23744	23.89 -0.79 4.53	24.13 -0.74 1.48	24.15 -0.70 0.00	23.74 -0.71 0.00	23.39 -0.70 0.00	22.82 -0.68 0.00	22.66 -0.73 0.00	21.96 -0.70 0.00	23.08 -0.74 0.00	24.14 -0.74 0.52	24.94 -0.81 2.12	24.87 -0.86 4.85	27.89 -0.86 4.27	29.89 -0.87 4.00	30.85 -0.93 5.65	31.79 -1.06 7.89	33.66 -1.28 12.52	34.80 -1.46 15.79	32.41 -1.57 22.15	30.49 -1.37 18.89	33.80 -1.20 11.16	30.82 -1.00 6.74	28.88 -0.82 4.36	23.82 -0.75 6.56
NM_CAPITAL___DRP 24208	30.25 1.05 0.00	27.35 1.00 0.00	25.96 1.12 0.00	25.55 1.10 0.00	25.20 1.11 0.00	24.59 1.08 0.00	24.35 0.96 0.00	23.47 0.82 0.00	24.89 1.07 0.00	26.31 0.91 0.00	28.79 0.92 0.00	31.59 1.01 0.00	34.07 1.06 0.00	35.88 1.11 0.00	38.67 1.24 0.00	42.20 1.47 0.00	49.13 1.66 0.00	53.92 1.87 0.00	58.15 2.02 0.00	52.47 1.73 0.00	47.73 1.57 0.00	39.84 1.27 0.00	35.12 1.06 0.00	32.19 1.06 0.00
NM_CENTRAL___DRP 24181	29.52 -0.12 -0.43	26.35 -0.13 -0.14	24.70 -0.15 0.00	24.28 -0.17 0.00	23.90 -0.19 0.00	23.29 -0.21 0.00	23.13 -0.26 0.00	22.36 -0.29 0.00	23.58 -0.24 0.00	25.27 -0.18 -0.05	27.90 -0.17 -0.20	30.95 -0.09 -0.46	33.43 0.00 -0.41	35.11 -0.03 -0.38	37.98 0.00 -0.54	41.45 -0.04 -0.75	48.62 -0.05 -1.20	53.35 -0.21 -1.51	58.13 -0.11 -2.12	52.45 -0.10 -1.81	47.09 -0.14 -1.07	39.25 0.04 -0.64	34.55 0.07 -0.42	31.73 -0.03 -0.63

NM_FRONTIER___DRP 24179	28.03 -1.17 0.00	25.13 -1.21 0.00	23.63 -1.22 0.00	23.05 -1.39 0.00	22.67 -1.42 0.00	22.16 -1.34 0.00	22.01 -1.38 0.00	20.96 -1.70 0.00	22.15 -1.67 0.00	23.82 -1.57 0.00	26.20 -1.67 0.00	28.71 -1.87 0.00	31.43 -1.58 0.00	33.17 -1.60 0.00	35.60 -1.83 0.00	38.42 -2.32 0.00	45.14 -2.33 0.00	48.14 -3.90 0.00	52.20 -3.93 0.00	47.65 -3.10 0.00	42.98 -3.19 0.00	36.60 -1.97 0.00	32.53 -1.53 0.00	29.39 -1.74 0.00
NM_ST_REGIS___HYD 24053	27.54 -1.66 0.00	24.90 -1.45 0.00	23.40 -1.44 0.00	23.03 -1.42 0.00	22.74 -1.35 0.00	22.21 -1.29 0.00	22.38 -1.01 0.00	21.91 -0.75 0.00	22.77 -1.05 0.00	24.20 -1.19 0.00	26.53 -1.34 0.00	28.99 -1.59 0.00	31.37 -1.65 0.00	32.96 -1.81 0.00	35.53 -1.91 0.00	38.74 -2.00 0.00	45.28 -2.18 0.00	50.07 -1.98 0.00	54.10 -2.02 0.00	49.17 -1.57 0.00	44.87 -1.29 0.00	37.10 -1.47 0.00	32.67 -1.40 0.00	29.76 -1.37 0.00
NORTHPORT___1 23551	36.38 2.86 -4.32	35.50 2.61 -6.55	33.26 2.36 -6.06	30.98 2.27 -4.26	27.26 2.29 -0.88	27.90 2.14 -2.26	25.26 1.87 0.00	24.47 1.81 0.00	31.86 2.38 -5.66	35.30 2.59 -7.31	37.81 2.68 -7.27	38.22 3.06 -4.58	39.04 3.10 -2.92	41.45 3.41 -3.27	41.02 3.52 -0.07	42.07 3.75 2.41	48.12 4.56 3.90	52.67 4.74 4.11	56.88 4.99 4.24	49.33 4.06 5.48	49.35 3.51 0.32	43.24 3.24 -1.44	40.14 2.79 -3.28	37.96 2.64 -4.18
NORTHPORT___2 23552	36.38 2.86 -4.32	35.50 2.61 -6.55	33.26 2.36 -6.06	30.98 2.27 -4.26	27.26 2.29 -0.88	27.90 2.14 -2.26	25.26 1.87 0.00	24.47 1.81 0.00	31.86 2.38 -5.66	35.30 2.59 -7.31	37.81 2.68 -7.27	38.22 3.06 -4.58	39.04 3.10 -2.92	41.45 3.41 -3.27	41.02 3.52 -0.07	42.07 3.75 2.41	48.12 4.56 3.90	52.67 4.74 4.11	56.88 4.99 4.24	48.45 4.06 6.36	49.35 3.51 0.32	43.24 3.24 -1.44	40.14 2.79 -3.28	37.96 2.64 -4.18
NORTHPORT___3 23553	36.03 2.51 -4.32	35.24 2.34 -6.55	33.06 2.16 -6.06	30.73 2.03 -4.26	26.97 2.00 -0.88	27.64 1.88 -2.26	24.98 1.59 0.00	24.20 1.54 0.00	31.64 2.17 -5.66	35.10 2.39 -7.31	37.49 2.37 -7.26	37.97 2.81 -4.58	38.77 2.84 -2.91	41.30 3.27 -3.27	40.90 3.41 -0.06	42.06 3.75 2.42	48.11 4.56 3.91	52.82 4.89 4.12	57.15 5.27 4.25	48.79 4.41 6.37	49.11 3.28 0.33	42.96 2.97 -1.43	39.79 2.45 -3.27	37.61 2.30 -4.18
NORTHPORT___4 23650	36.03 2.51 -4.32	35.24 2.34 -6.55	33.06 2.16 -6.06	30.73 2.03 -4.26	26.97 2.00 -0.88	27.64 1.88 -2.26	24.98 1.59 0.00	24.20 1.54 0.00	31.64 2.17 -5.66	35.10 2.39 -7.31	37.49 2.37 -7.26	37.97 2.81 -4.58	38.77 2.84 -2.91	41.30 3.27 -3.27	40.90 3.41 -0.06	42.06 3.75 2.42	48.11 4.56 3.91	52.82 4.89 4.12	57.15 5.27 4.25	48.79 4.41 6.37	49.11 3.28 0.33	42.96 2.97 -1.43	39.79 2.45 -3.27	37.61 2.30 -4.18
NORTHPORT___IC 23718	36.41 2.89 -4.32	35.50 2.61 -6.55	33.26 2.36 -6.06	30.98 2.27 -4.26	27.26 2.29 -0.88	27.92 2.16 -2.26	25.28 1.89 0.00	24.43 1.77 0.00	31.83 2.36 -5.66	35.32 2.62 -7.31	37.84 2.70 -7.27	38.22 3.06 -4.58	39.04 3.10 -2.92	41.38 3.34 -3.27	40.91 3.41 -0.07	41.95 3.63 2.41	47.84 4.27 3.90	52.51 4.58 4.11	56.60 4.71 4.24	48.35 3.96 6.36	49.49 3.65 0.32	42.97 2.97 -1.44	40.04 2.69 -3.28	38.05 2.74 -4.18
NORTH___COUNTRY_ESR 323785	28.06 -1.14 0.00	25.37 -0.97 0.00	23.85 -0.99 0.00	23.47 -0.98 0.00	23.22 -0.87 0.00	22.73 -0.78 0.00	22.94 -0.45 0.00	22.39 -0.27 0.00	23.32 -0.50 0.00	24.74 -0.66 0.00	27.14 -0.72 0.00	29.69 -0.89 0.00	32.03 -0.99 0.00	33.65 -1.11 0.00	36.24 -1.20 0.00	39.52 -1.22 0.00	46.28 -1.18 0.00	50.90 -1.15 0.00	55.00 -1.12 0.00	49.99 -0.76 0.00	45.51 -0.65 0.00	37.71 -0.85 0.00	33.18 -0.89 0.00	30.23 -0.90 0.00
NPX_GEN_1385_PROXY 323591	35.82 2.31 -4.32	35.00 2.11 -6.55	32.79 1.89 -6.06	30.71 2.01 -4.26	27.16 2.19 -0.88	27.83 2.07 -2.26	25.13 1.85 0.11	24.56 1.79 -0.11	31.55 2.07 -5.66	34.71 2.01 -7.31	35.90 1.87 -6.16	37.52 2.35 -4.58	38.48 2.54 -2.92	41.10 3.06 -3.27	40.61 3.11 -0.07	41.95 3.62 2.41	47.98 4.42 3.90	52.98 5.05 4.11	57.55 5.67 4.24	50.00 4.87 5.62	49.02 3.18 0.32	42.78 2.78 -1.44	39.80 2.45 -3.28	37.40 2.09 -4.18
NPX_GEN_CSC 323557	36.79 3.27 -4.32	35.72 2.82 -6.55	33.36 2.46 -6.06	31.03 2.32 -4.26	27.26 2.29 -0.88	27.92 2.16 -2.26	25.15 1.87 0.11	24.56 1.79 -0.11	31.93 2.45 -5.66	35.50 2.79 -7.31	38.39 3.26 -7.27	63.19 3.79 -28.82	45.45 3.93 -8.50	124.37 4.35 -85.26	135.26 4.53 -93.29	139.04 4.89 -93.42	146.59 5.88 -93.24	146.72 6.19 -88.48	139.57 6.56 -76.89	118.31 5.48 -62.08	54.06 4.71 -3.19	61.95 4.20 -19.18	40.83 3.48 -3.29	38.55 3.24 -4.18
NSINS_S_GLNS_FALLS 23858	31.22 2.01 0.00	28.21 1.87 0.00	26.51 1.66 0.00	26.04 1.59 0.00	25.61 1.52 0.00	25.03 1.53 0.00	24.65 1.26 0.00	23.79 1.13 0.00	25.27 1.45 0.00	27.00 1.60 0.00	29.48 1.62 0.00	32.35 1.77 0.00	35.03 2.01 0.00	36.75 1.98 0.00	39.65 2.21 0.00	43.26 2.53 0.00	50.41 2.94 0.00	55.48 3.44 0.00	60.45 4.32 0.00	54.76 4.01 0.00	49.99 3.83 0.00	41.61 3.05 0.00	36.52 2.45 0.00	33.25 2.12 0.00
NUCOR_STEEL___DRP 24197	30.23 0.32 -0.71	26.84 0.26 -0.23	25.07 0.22 0.00	24.62 0.17 0.00	24.21 0.12 0.00	23.62 0.12 0.00	23.44 0.05 0.00	22.66 0.00 0.00	23.89 0.07 0.00	25.65 0.18 -0.08	28.42 0.22 -0.33	31.67 0.34 -0.76	34.15 0.46 -0.67	35.91 0.52 -0.63	38.96 0.64 -0.89	42.59 0.61 -1.24	50.19 0.76 -1.96	55.14 0.62 -2.47	60.44 0.84 -3.47	54.52 0.81 -2.96	48.60 0.69 -1.75	40.39 0.77 -1.06	35.46 0.72 -0.68	32.65 0.50 -1.03
NUMBER_THREE_WT_PWR 323818	29.11 -0.41 -0.31	26.05 -0.39 -0.10	24.47 -0.37 0.00	24.03 -0.42 0.00	23.58 -0.51 0.00	23.06 -0.45 0.00	22.97 -0.42 0.00	22.27 -0.39 0.00	23.39 -0.43 0.00	25.20 -0.23 -0.04	27.76 -0.25 -0.15	30.37 -0.55 -0.34	32.72 -0.59 -0.30	34.42 -0.62 -0.28	37.19 -0.64 -0.39	40.59 -0.69 -0.55	47.57 -0.76 -0.87	53.40 0.26 -1.10	58.34 0.68 -1.54	52.92 0.86 -1.31	47.81 0.87 -0.78	39.69 0.65 -0.47	34.84 0.48 -0.30	31.86 0.28 -0.46
NYISO_LBMP_REFERENCE 24008	29.20 0.00 0.00	26.34 0.00 0.00	24.84 0.00 0.00	24.45 0.00 0.00	24.09 0.00 0.00	23.50 0.00 0.00	23.39 0.00 0.00	22.66 0.00 0.00	23.82 0.00 0.00	25.40 0.00 0.00	27.87 0.00 0.00	30.58 0.00 0.00	33.02 0.00 0.00	34.77 0.00 0.00	37.44 0.00 0.00	40.74 0.00 0.00	47.47 0.00 0.00	52.05 0.00 0.00	56.13 0.00 0.00	50.75 0.00 0.00	46.16 0.00 0.00	38.56 0.00 0.00	34.06 0.00 0.00	31.13 0.00 0.00
NYPA_BRENTWD____GT 24164	36.99 3.47 -4.32	35.98 3.08 -6.55	33.64 2.73 -6.06	31.32 2.62 -4.26	27.55 2.58 -0.88	28.21 2.44 -2.26	25.54 2.15 0.00	24.72 2.06 0.00	32.17 2.69 -5.66	35.70 3.00 -7.31	38.45 3.31 -7.27	48.12 3.70 -13.84	45.07 3.83 -8.23	65.28 4.00 -26.52	68.10 4.16 -26.50	69.94 4.44 -24.76	76.47 5.36 -23.65	79.86 5.67 -22.14	80.84 5.95 -18.77	68.77 4.98 -13.05	51.45 4.62 -0.67	49.20 4.17 -6.47	41.03 3.65 -3.32	38.74 3.42 -4.18

NYPA_GOWANUS____GT5 24156	40.16 3.13 -7.84	29.07 2.71 -0.02	27.24 2.39 -0.01	26.68 2.22 -0.01	26.31 2.21 -0.01	25.56 2.04 -0.01	25.10 1.71 0.00	24.29 1.63 0.00	26.08 2.26 0.00	28.07 2.67 -0.01	42.02 3.09 -11.05	39.98 3.61 -5.80	36.74 3.66 -0.06	38.81 4.03 -0.02	41.29 3.86 0.00	44.85 4.11 0.00	52.69 5.22 0.00	57.36 5.31 0.00	61.63 5.50 0.00	55.32 4.57 0.00	50.32 4.16 0.00	42.11 3.55 0.00	37.58 3.41 -0.11	34.38 3.14 -0.11
NYPA_GOWANUS____GT6 24157	40.16 3.13 -7.84	29.07 2.71 -0.02	27.24 2.39 -0.01	26.68 2.22 -0.01	26.31 2.21 -0.01	25.56 2.04 -0.01	25.10 1.71 0.00	24.29 1.63 0.00	26.08 2.26 0.00	28.07 2.67 -0.01	42.02 3.09 -11.05	39.98 3.61 -5.80	36.74 3.66 -0.06	38.81 4.03 -0.02	41.29 3.86 0.00	44.85 4.11 0.00	52.69 5.22 0.00	57.36 5.31 0.00	61.63 5.50 0.00	55.32 4.57 0.00	50.32 4.16 0.00	42.11 3.55 0.00	37.58 3.41 -0.11	34.38 3.14 -0.11
NYPA_HARLEM__RVR__GT1 24160	32.16 2.95 -0.01	29.04 2.69 -0.01	27.21 2.36 -0.01	26.66 2.20 -0.01	26.29 2.19 -0.01	25.50 2.00 0.00	25.03 1.64 0.00	24.29 1.63 0.00	25.96 2.14 0.00	27.94 2.54 0.00	30.83 2.95 -0.01	35.25 3.39 -1.27	36.52 3.50 0.00	38.42 3.65 -0.01	40.99 3.56 0.01	44.53 3.79 0.00	52.36 4.89 0.00	56.99 4.95 0.00	61.29 5.16 0.00	54.96 4.21 0.00	49.99 3.83 0.00	41.88 3.32 0.00	37.14 3.07 -0.01	34.06 2.93 -0.01
NYPA_HARLEM__RVR__GT2 24161	32.16 2.95 -0.01	29.04 2.69 -0.01	27.21 2.36 -0.01	26.66 2.20 -0.01	26.29 2.19 -0.01	25.50 2.00 0.00	25.03 1.64 0.00	24.29 1.63 0.00	25.96 2.14 0.00	27.94 2.54 0.00	30.83 2.95 -0.01	35.25 3.39 -1.27	36.52 3.50 0.00	38.42 3.65 -0.01	40.99 3.56 0.01	44.53 3.79 0.00	52.36 4.89 0.00	56.99 4.95 0.00	61.29 5.16 0.00	54.96 4.21 0.00	49.99 3.83 0.00	41.88 3.32 0.00	37.14 3.07 -0.01	34.06 2.93 -0.01
NYPA_KENT____GT 24152	36.76 3.07 -4.49	29.01 2.66 -0.01	27.18 2.33 0.00	26.63 2.18 0.00	26.24 2.14 0.00	25.51 2.00 0.00	25.05 1.66 0.00	24.27 1.61 0.00	26.06 2.24 0.00	28.02 2.62 0.00	37.24 3.04 -6.33	38.27 3.55 -4.15	36.65 3.60 -0.03	38.71 3.93 -0.01	41.22 3.78 0.00	44.77 4.03 0.00	52.55 5.08 0.00	57.15 5.10 0.00	61.46 5.33 0.00	55.16 4.41 0.00	50.17 4.01 0.00	42.04 3.47 0.00	37.43 3.30 -0.07	34.28 3.08 -0.07
NYPA_POUCH1____GT 24155	40.07 3.04 -7.84	29.05 2.69 -0.02	27.21 2.36 -0.01	26.66 2.20 -0.01	26.27 2.17 -0.01	25.51 2.00 -0.01	25.03 1.64 0.00	24.20 1.54 0.00	25.99 2.17 0.00	27.97 2.56 -0.01	41.91 2.98 -11.05	39.89 3.51 -5.80	36.64 3.57 -0.06	38.71 3.93 -0.02	41.18 3.74 0.00	44.73 3.99 0.00	52.55 5.08 0.00	57.20 5.15 0.00	61.46 5.33 0.00	55.16 4.41 0.00	50.17 4.01 0.00	41.99 3.43 0.00	37.52 3.34 -0.11	34.29 3.05 -0.11
NYPA_VERNON____GT2 24162	33.35 3.01 -1.14	28.96 2.61 0.00	27.11 2.26 0.00	26.55 2.10 0.00	26.18 2.09 0.00	25.43 1.93 0.00	25.03 1.64 0.00	24.27 1.61 0.00	26.03 2.22 0.00	27.96 2.56 0.00	32.46 2.98 -1.61	36.53 3.45 -2.50	36.56 3.53 -0.01	38.60 3.82 -0.01	41.18 3.74 0.00	44.69 3.95 0.00	52.40 4.94 0.00	57.04 5.00 0.00	61.29 5.16 0.00	55.06 4.31 0.00	50.04 3.88 0.00	41.96 3.39 0.00	37.29 3.20 -0.02	34.14 2.99 -0.02
NYPA_VERNON____GT3 24163	33.35 3.01 -1.14	28.96 2.61 0.00	27.11 2.26 0.00	26.55 2.10 0.00	26.18 2.09 0.00	25.43 1.93 																		

OAKDALE___35_KV_LOAD 356122	29.98 0.50 -0.29	26.83 0.40 -0.09	25.22 0.37 0.00	24.77 0.32 0.00	24.38 0.29 0.00	23.79 0.28 0.00	23.55 0.16 0.00	22.73 0.07 0.00	24.01 0.19 0.00	25.76 0.33 -0.03	28.39 0.39 -0.13	31.37 0.49 -0.31	33.92 0.63 -0.27	35.71 0.70 -0.25	38.51 0.71 -0.36	41.93 0.69 -0.50	49.07 0.81 -0.79	53.67 0.62 -1.00	58.26 0.73 -1.40	52.70 0.76 -1.20	47.51 0.65 -0.71	39.68 0.69 -0.43	35.02 0.68 -0.28	32.04 0.50 -0.42
OCC_CHEM___DRP 24175	28.12 -1.08 0.00	25.19 -1.16 0.00	23.70 -1.14 0.00	23.13 -1.32 0.00	22.74 -1.35 0.00	22.24 -1.27 0.00	22.06 -1.33 0.00	21.00 -1.65 0.00	22.22 -1.60 0.00	23.90 -1.50 0.00	26.28 -1.59 0.00	28.80 -1.77 0.00	31.53 -1.49 0.00	33.27 -1.49 0.00	35.71 -1.72 0.00	38.54 -2.20 0.00	45.28 -2.18 0.00	48.30 -3.75 0.00	52.37 -3.76 0.00	47.80 -2.94 0.00	43.07 -3.09 0.00	36.71 -1.85 0.00	32.63 -1.43 0.00	29.48 -1.65 0.00
OH_GEN_PROXY 24063	28.38 -0.82 0.00	25.37 -0.97 0.00	24.00 -0.84 0.00	23.42 -1.03 0.00	23.05 -1.04 0.00	22.49 -1.01 0.00	22.13 -1.15 0.11	21.50 -1.27 -0.11	22.56 -1.26 0.00	24.33 -1.07 0.00	26.70 -1.17 0.00	29.23 -1.34 0.00	31.96 -1.06 0.00	33.69 -1.08 0.00	36.20 -1.23 0.00	38.99 -1.75 0.00	45.28 -2.18 0.00	48.98 -3.07 0.00	52.70 -3.43 0.00	48.31 -2.43 0.00	43.90 -2.26 0.00	36.40 -2.16 0.00	32.94 -1.12 0.00	30.38 -0.75 0.00
OLIN_CORP_DRP 24177	28.09 -1.11 0.00	25.16 -1.19 0.00	23.98 -0.87 0.00	23.40 -1.05 0.00	23.00 -1.08 0.00	22.49 -1.01 0.00	22.06 -1.33 0.00	21.12 -1.54 0.00	22.32 -1.50 0.00	24.02 -1.37 0.00	26.42 -1.45 0.00	28.96 -1.62 0.00	31.70 -1.32 0.00	33.44 -1.32 0.00	35.90 -1.53 0.00	38.74 -2.00 0.00	45.57 -1.90 0.00	48.61 -3.44 0.00	52.76 -3.37 0.00	48.11 -2.64 0.00	43.39 -2.77 0.00	36.94 -1.62 0.00	32.84 -1.23 0.00	29.63 -1.49 0.00
OLIN_CORP_DSASP 323712	28.18 -1.02 0.00	25.19 -1.16 0.00	23.88 -0.97 0.00	23.30 -1.15 0.00	22.91 -1.18 0.00	22.21 -1.29 0.00	21.96 -1.43 0.00	21.09 -1.56 0.00	22.22 -1.60 0.00	23.97 -1.42 0.00	26.34 -1.53 0.00	28.80 -1.77 0.00	31.53 -1.49 0.00	33.24 -1.53 0.00	35.72 -1.72 0.00	38.46 -2.28 0.00	44.62 -2.85 0.00	48.25 -3.80 0.00	51.86 -4.27 0.00	47.55 -3.20 0.00	43.25 -2.91 0.00	35.86 -2.70 0.00	32.50 -1.57 0.00	30.01 -1.12 0.00
ONEIDA_HERK_LFGE 323681	29.78 0.41 -0.17	26.74 0.34 -0.06	25.17 0.32 0.00	24.72 0.27 0.00	24.28 0.19 0.00	23.72 0.21 0.00	23.55 0.16 0.00	22.82 0.16 0.00	24.01 0.19 0.00	25.74 0.33 -0.02	28.34 0.39 -0.08	31.10 0.34 -0.18	33.58 0.40 -0.16	35.34 0.42 -0.15	38.14 0.49 -0.21	41.53 0.49 -0.30	48.46 0.52 -0.47	53.89 1.25 -0.60	58.53 1.57 -0.84	52.98 1.52 -0.72	48.02 1.43 -0.42	39.97 1.16 -0.26	35.18 0.95 -0.17	32.12 0.75 -0.25
ONEIDA___115KV_TB4 55905	30.34 0.91 -0.23	27.24 0.82 -0.08	25.59 0.75 0.00	25.13 0.68 0.00	24.69 0.60 0.00	24.09 0.59 0.00	23.90 0.51 0.00	23.09 0.43 0.00	24.32 0.50 0.00	26.03 0.61 -0.03	28.67 0.70 -0.11	31.66 0.83 -0.25	34.20 0.96 -0.22	36.02 1.04 -0.21	38.89 1.16 -0.29	42.33 1.18 -0.41	49.44 1.33 -0.65	54.74 1.87 -0.82	59.46 2.19 -1.15	53.81 2.08 -0.98	48.63 1.89 -0.58	40.53 1.62 -0.35	35.69 1.40 -0.23	32.59 1.12 -0.34
ONONDAGA_REF_OCCRA 23987	29.56 -0.18 -0.53	26.33 -0.18 -0.17	24.65 -0.20 0.00	24.23 -0.22 0.00	23.85 -0.24 0.00	23.25 -0.26 0.00	23.09 -0.30 0.00	22.34 -0.32 0.00	23.56 -0.26 0.00	25.25 -0.20 -0.06	27.95 -0.17 -0.25	31.03 -0.12 -0.57	33.49 -0.03 -0.50	35.20 -0.03 -0.47	38.10 0.00 -0.67	41.63 -0.04 -0.93	48.90 -0.05 -1.48	53.70 -0.21 -1.86	58.57 -0.17 -2.61	52.82 -0.15 -2.23	47.34 -0.14 -1.32	39.36 0.00 -0.80	34.61 0.03 -0.51	31.81 -0.09 -0.77
ONONDAGA___COGEN 23986	29.99 0.00 -0.79	26.60 0.00 -0.26	24.82 -0.02 0.00	24.37 -0.07 0.00	23.99 -0.10 0.00	23.41 -0.09 0.00	23.23 -0.16 0.00	22.50 -0.16 0.00	23.70 -0.12 0.00	25.44 -0.05 -0.09	28.24 0.00 -0.37	31.49 0.06 -0.85	33.93 0.17 -0.75	35.64 0.17 -0.70	38.65 0.22 -0.99	42.33 0.20 -1.38	49.90 0.24 -2.20	54.92 0.10 -2.77	60.18 0.17 -3.88	54.21 0.15 -3.31	48.26 0.14 -1.96	40.02 0.27 -1.18	35.10 0.27 -0.76	32.40 0.12 -1.15
ONTARIO___LFGE 23819	29.93 0.47 -0.26	26.72 0.29 -0.09	25.09 0.25 0.00	24.57 0.12 0.00	24.19 0.10 0.00	23.58 0.07 0.00	23.39 0.00 0.00	22.64 -0.02 0.00	23.84 0.02 0.00	25.61 0.18 -0.03	28.21 0.22 -0.12	31.20 0.34 -0.28	33.76 0.50 -0.25	35.62 0.63 -0.23	38.47 0.71 -0.33	41.85 0.65 -0.46	48.91 0.71 -0.73	53.59 0.63 -0.92	58.26 0.84 -1.29	52.81 0.96 -1.10	47.73 0.92 -0.65	39.61 0.65 -0.39	35.17 0.85 -0.25	32.29 0.78 -0.38
ORANGEVILLE_WT_PWR 323706	29.06 -0.15 0.00	26.03 -0.31 0.00	24.62 -0.22 0.00	24.06 -0.39 0.00	23.66 -0.43 0.00	23.13 -0.38 0.00	22.87 -0.51 0.00	22.05 -0.61 0.00	23.25 -0.57 0.00	25.04 -0.36 0.00	27.54 -0.33 0.00	30.18 -0.40 0.00	32.95 -0.07 0.00	34.80 0.03 0.00	37.40 -0.04 0.00	40.33 -0.41 0.00	46.80 -0.66 0.00	50.75 -1.30 0.00	54.72 -1.40 0.00	49.99 -0.76 0.00	45.47 -0.69 0.00	37.79 -0.77 0.00	34.03 -0.03 0.00	31.32 0.19 0.00
ORANGEVILLE___ESR 323794	29.06 -0.15 0.00	26.03 -0.31 0.00	24.62 -0.22 0.00	24.06 -0.39 0.00	23.66 -0.43 0.00	23.13 -0.38 0.00	22.87 -0.51 0.00	22.05 -0.61 0.00	23.25 -0.57 0.00	25.04 -0.36 0.00	27.54 -0.33 0.00	30.18 -0.40 0.00	32.95 -0.07 0.00	34.80 0.03 0.00	37.40 -0.04 0.00	40.33 -0.41 0.00	46.80 -0.66 0.00	50.75 -1.30 0.00	54.72 -1.40 0.00	49.99 -0.76 0.00	45.47 -0.69 0.00	37.79 -0.77 0.00	34.03 -0.03 0.00	31.32 0.19 0.00
OSWEGATCHIE___HYD 24044	28.21 -1.25 -0.26	25.32 -1.11 -0.09	23.75 -1.09 0.00	23.35 -1.10 0.00	22.98 -1.11 0.00	22.45 -1.06 0.00	22.48 -0.91 0.00	21.84 -0.81 0.00	22.82 -1.00 0.00	24.41 -1.02 -0.03	26.88 -1.12 -0.12	29.45 -1.41 -0.28	31.81 -1.45 -0.25	33.43 -1.56 -0.23	36.12 -1.65 -0.33	39.41 -1.79 -0.46	46.20 -1.99 -0.73	51.51 -1.46 -0.92	56.18 -1.24 -1.29	50.98 -0.86 -1.10	46.12 -0.69 -0.65	38.26 -0.69 -0.39	33.57 -0.75 -0.25	30.70 -0.81 -0.38
OSWEGO___5 23606	31.97 -0.56 -3.32	26.90 -0.53 -1.08	24.35 -0.50 0.00	23.93 -0.51 0.00	23.58 -0.51 0.00	22.99 -0.52 0.00	22.83 -0.56 0.00	22.11 -0.54 0.00	23.27 -0.55 0.00	25.24 -0.53 -0.38	28.83 -0.59 -1.55	33.56 -0.58 -3.56	35.59 -0.56 -3.14	37.11 -0.59 -2.94	40.95 -0.64 -4.15	45.80 -0.73 -5.79	55.75 -0.90 -9.19	62.60 -1.04 -11.59	71.26 -1.12 -16.26	63.64 -0.97 -13.86	53.52 -0.83 -8.19	42.82 -0.69 -4.95	36.75 -0.51 -3.20	35.48 -0.47 -4.81
OSWEGO___6 23613	31.97 -0.56 -3.32	26.90 -0.53 -1.08	24.35 -0.50 0.00	23.93 -0.51 0.00	23.58 -0.51 0.00	22.99 -0.52 0.00	22.83 -0.56 0.00	22.11 -0.54 0.00	23.27 -0.55 0.00	25.24 -0.53 -0.38	28.83 -0.59 -1.55	33.56 -0.58 -3.56	35.59 -0.56 -3.14	37.11 -0.59 -2.94	40.95 -0.64 -4.15	45.80 -0.73 -5.79	55.75 -0.90 -9.19	62.60 -1.04 -11.59	71.26 -1.12 -16.26	63.64 -0.97 -13.86	53.52 -0.83 -8.19	42.82 -0.69 -4.95	36.75 -0.51 -3.20	35.48 -0.47 -4.81

OUTOKUMPU-AB___DRP 24206	28.79 -0.41 0.00	25.82 -0.53 0.00	24.40 -0.45 0.00	23.81 -0.64 0.00	23.39 -0.70 0.00	22.89 -0.61 0.00	22.62 -0.77 0.00	21.62 -1.04 0.00	22.87 -0.95 0.00	24.61 -0.79 0.00	27.12 -0.75 0.00	29.75 -0.83 0.00	32.56 -0.46 0.00	34.42 -0.35 0.00	36.95 -0.49 0.00	39.88 -0.86 0.00	46.85 -0.62 0.00	49.96 -2.08 0.00	54.22 -1.91 0.00	49.43 -1.32 0.00	44.59 -1.57 0.00	37.95 -0.62 0.00	33.69 -0.37 0.00	30.41 -0.72 0.00
OXBOW___BTM 323836	28.59 -0.61 0.00	25.55 -0.79 0.00	24.20 -0.65 0.00	23.62 -0.83 0.00	23.22 -0.87 0.00	22.56 -0.94 0.00	22.31 -1.08 0.00	21.43 -1.22 0.00	22.58 -1.24 0.00	24.38 -1.02 0.00	26.81 -1.06 0.00	29.32 -1.26 0.00	32.13 -0.89 0.00	33.90 -0.87 0.00	36.46 -0.97 0.00	39.23 -1.51 0.00	45.57 -1.90 0.00	49.18 -2.86 0.00	52.93 -3.20 0.00	48.52 -2.23 0.00	44.13 -2.03 0.00	36.56 -2.01 0.00	33.11 -0.95 0.00	30.54 -0.59 0.00
OXBOW___ 24026	28.50 -0.70 0.00	25.55 -0.79 0.00	24.10 -0.75 0.00	23.52 -0.93 0.00	23.10 -0.99 0.00	22.59 -0.92 0.00	22.38 -1.01 0.00	21.34 -1.31 0.00	22.58 -1.24 0.00	24.30 -1.09 0.00	26.75 -1.11 0.00	29.32 -1.25 0.00	32.13 -0.89 0.00	33.93 -0.83 0.00	36.43 -1.01 0.00	39.31 -1.43 0.00	46.18 -1.28 0.00	49.24 -2.81 0.00	53.43 -2.69 0.00	48.77 -1.98 0.00	43.95 -2.22 0.00	37.41 -1.16 0.00	33.25 -0.82 0.00	30.01 -1.12 0.00
OXY_CHEM_DSASP 323612	28.12 -1.08 0.00	25.19 -1.16 0.00	23.70 -1.14 0.00	23.13 -1.32 0.00	22.74 -1.35 0.00	22.24 -1.27 0.00	22.06 -1.33 0.00	21.00 -1.65 0.00	22.22 -1.60 0.00	23.90 -1.50 0.00	26.28 -1.59 0.00	28.80 -1.77 0.00	31.53 -1.49 0.00	33.27 -1.49 0.00	35.71 -1.72 0.00	38.54 -2.20 0.00	45.28 -2.18 0.00	48.30 -3.75 0.00	52.37 -3.76 0.00	47.80 -2.94 0.00	43.07 -3.09 0.00	36.71 -1.85 0.00	32.63 -1.43 0.00	29.48 -1.65 0.00
OZONE_PARK_ESR 323760	32.41 3.21 0.00	29.08 2.74 0.00	27.23 2.39 0.00	26.67 2.22 0.00	26.28 2.19 0.00	25.57 2.07 0.00	25.21 1.82 0.00	24.40 1.74 0.00	26.20 2.38 0.00	28.19 2.79 0.00	31.05 3.18 0.00	35.54 3.70 -1.27	36.78 3.76 0.00	38.81 4.03 -0.01	41.52 4.08 0.00	45.02 4.28 0.00	52.54 5.08 0.00	57.46 5.41 0.00	61.63 5.50 0.00	55.42 4.67 0.00	50.45 4.29 0.00	42.11 3.55 0.00	37.37 3.30 0.00	34.43 3.30 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	28.12 -1.08 0.00	25.19 -1.16 0.00	23.70 -1.14 0.00	23.13 -1.32 0.00	22.74 -1.35 0.00	22.24 -1.27 0.00	22.06 -1.33 0.00	21.00 -1.65 0.00	22.22 -1.60 0.00	23.90 -1.50 0.00	26.28 -1.59 0.00	28.80 -1.77 0.00	31.53 -1.49 0.00	33.27 -1.49 0.00	35.71 -1.72 0.00	38.54 -2.20 0.00	45.28 -2.18 0.00	48.30 -3.75 0.00	52.37 -3.76 0.00	47.80 -2.94 0.00	43.07 -3.09 0.00	36.71 -1.85 0.00	32.63 -1.43 0.00	29.48 -1.65 0.00
PACKARD__115KV_DUPONT_184 80571	28.12 -1.08 0.00	25.19 -1.16 0.00	23.70 -1.14 0.00	23.13 -1.32 0.00	22.74 -1.35 0.00	22.24 -1.27 0.00	22.06 -1.33 0.00	21.00 -1.65 0.00	22.22 -1.60 0.00	23.90 -1.50 0.00	26.28 -1.59 0.00	28.80 -1.77 0.00	31.53 -1.49 0.00	33.27 -1.49 0.00	35.71 -1.72 0.00	38.54 -2.20 0.00	45.28 -2.18 0.00	48.30 -3.75 0.00	52.37 -3.76 0.00	47.80 -2.94 0.00	43.07 -3.09 0.00	36.71 -1.85 0.00	32.63 -1.43 0.00	29.48 -1.65 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	32.19 2.98 -0.01	29.01 2.66 -0.01	27.19 2.34 -0.01	26.63 2.18 -0.01	26.24 2.14 -0.01	25.48 1.97 0.00	25.00 1.61 0.00	24.09 1.43 0.00	25.87 2.05 0.00	27.88 2.49 0.00	30.77 2.90 -0.01	35.12 3.27 -1.27	36.45 3.43 0.00	38.32 3.55 -0.01	40.81 3.37 0.00	44.32 3.58 0.00	51.93 4.46 0.00	56.63 4.58 0.00	60.73 4.60 0.00	54.60 3.86 0.00	49.76 3.60 0.00	41.57 3.01 0.00	37.14 3.07 -0.01	34.16 3.02 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	32.57 3.36 -0.01	29.36 3.00 -0.01	27.49 2.63 -0.01	26.90 2.44 -0.01	26.51 2.41 -0.01	25.74 2.23 0.00	25.24 1.85 0.00	24.31 1.65 0.00	26.11 2.29 0.00	28.16 2.77 0.00	31.08 3.20 -0.01	35.49 3.64 -1.27	36.82 3.80 0.00	38.74 3.96 -0.01	41.22 3.78 0.00	44.73 3.99 0.00	52.45 4.98 0.00	57.25 5.20 0.00	61.35 5.22 0.00	55.11 4.36 0.00	50.27 4.11 0.00	41.96 3.39 0.00	37.48 3.41 -0.01	34.50 3.36 -0.01
PATROON__115KV_TB1 80586	30.28 1.08 0.00	27.40 1.05 0.00	25.99 1.14 0.00	25.60 1.15 0.00	25.22 1.13 0.00	24.61 1.10 0.00	24.40 1.01 0.00	23.52 0.86 0.00	24.96 1.14 0.00	26.34 0.94 0.00	28.84 0.98 0.00	31.65 1.07 0.00	34.17 1.16 0.00	35.98 1.22 0.00	38.78 1.35 0.00	42.33 1.59 0.00	49.27 1.80 0.00	54.08 2.03 0.00	58.26 2.13 0.00	52.62 1.88 0.00	47.82 1.66 0.00	39.91 1.35 0.00	35.19 1.12 0.00	32.22 1.09 0.00
PATTRSNVILLE___SOLAR 323815	30.69 1.49 0.00	27.71 1.37 0.00	26.11 1.27 0.00	25.69 1.25 0.00	25.29 1.20 0.00	24.66 1.15 0.00	24.30 0.91 0.00	23.43 0.77 0.00	24.80 0.98 0.00	26.46 1.07 0.00	29.04 1.17 0.00	31.89 1.31 0.00	34.44 1.42 0.00	36.26 1.49 0.00	39.08 1.65 0.00	42.61 1.87 0.00	49.65 2.18 0.00	54.65 2.60 0.00	59.21 3.08 0.00	53.64 2.89 0.00	48.74 2.58 0.00	40.72 2.16 0.00	35.87 1.80 0.00	32.68 1.56 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	29.03 -0.18 0.00	26.03 -0.32 0.00	24.65 -0.20 0.00	24.03 -0.42 0.00	23.63 -0.46 0.00	23.11 -0.40 0.00	22.83 -0.56 0.00	21.84 -0.82 0.00	23.13 -0.69 0.00	24.91 -0.48 0.00	27.45 -0.42 0.00	30.18 -0.40 0.00	32.99 -0.03 0.00	34.87 0.10 0.00	37.36 -0.07 0.00	40.41 -0.33 0.00	47.23 -0.24 0.00	50.59 -1.46 0.00	54.89 -1.23 0.00	49.99 -0.76 0.00	45.10 -1.06 0.00	38.25 -0.31 0.00	34.00 -0.07 0.00	30.76 -0.37 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	31.92 2.72 0.00	28.72 2.37 0.00	26.96 2.11 0.00	26.43 1.98 0.00	26.02 1.93 0.00	25.36 1.86 0.00	25.00 1.61 0.00	24.15 1.50 0.00	25.89 2.07 0.00	27.81 2.41 0.00	30.63 2.76 0.00	33.79 3.21 0.00	36.45 3.43 0.00	38.45 3.69 0.00	41.40 3.97 0.00	44.97 4.24 0.00	52.45 4.98 0.00	57.46 5.41 0.00	61.63 5.50 0.00	55.42 4.67 0.00	50.27 4.11 0.00	41.96 3.39 0.00	37.06 3.00 0.00	33.99 2.86 0.00
PEEKSKILL___ 23653	31.62 2.42 0.00	28.48 2.13 0.00	26.73 1.89 0.00	26.21 1.76 0.00	25.82 1.74 0.00	25.13 1.62 0.00	24.77 1.38 0.00	24.02 1.36 0.00	25.70 1.88 0.00	27.55 2.16 0.00	30.29 2.42 0.00	33.39 2.81 0.00	35.89 2.87 0.00	37.90 3.13 0.00	40.69 3.26 0.00	44.20 3.46 0.00	51.59 4.13 0.00	56.36 4.32 0.00	60.62 4.49 0.00	54.45 3.70 0.00	49.44 3.28 0.00	41.46 2.89 0.00	36.62 2.56 0.00	33.53 2.40 0.00
PGE MADISON___WINDPWR 24146	32.22 2.72 -0.31	28.84 2.40 -0.10	27.06 2.21 0.00	26.55 2.10 0.00	25.97 1.88 0.00	25.36 1.86 0.00	25.14 1.76 0.00	24.24 1.59 0.00	25.44 1.62 0.00	27.28 1.85 -0.04	30.05 2.03 -0.14	33.23 2.32 -0.33	35.98 2.67 -0.29	37.99 2.95 -0.27	41.08 3.26 -0.38	44.57 3.30 -0.54	51.97 3.66 -0.85	58.17 5.05 -1.07	63.58 5.95 -1.51	57.76 5.73 -1.28	52.23 5.31 -0.76	43.30 4.28 -0.46	38.17 3.81 -0.30	34.78 3.21 -0.45

PIERCEFIELD___HYD 23852	27.52 -1.81 -0.13	24.81 -1.58 -0.04	23.30 -1.54 0.00	22.93 -1.52 0.00	22.62 -1.47 0.00	22.09 -1.41 0.00	22.24 -1.15 0.00	21.75 -0.91 0.00	22.60 -1.21 0.00	24.04 -1.37 -0.02	26.40 -1.53 -0.06	28.92 -1.80 -0.14	31.29 -1.85 -0.13	32.87 -2.02 -0.12	35.47 -2.13 -0.17	38.69 -2.28 -0.23	45.36 -2.47 -0.37	50.22 -2.29 -0.46	54.36 -2.41 -0.65	49.42 -1.88 -0.55	44.87 -1.62 -0.33	37.10 -1.66 -0.20	32.62 -1.57 -0.13	29.80 -1.53 -0.19
PINELAWN_CC_1 323563	36.82 3.30 -4.32	35.79 2.90 -6.55	33.49 2.58 -6.06	31.15 2.44 -4.26	27.38 2.41 -0.88	28.04 2.28 -2.26	25.38 1.99 0.00	24.56 1.90 0.00	32.00 2.52 -5.66	35.55 2.84 -7.31	38.31 3.18 -7.27	45.28 3.36 -11.34	44.92 3.40 -8.50	54.26 3.62 -15.87	55.58 3.74 -14.40	57.09 4.03 -12.32	63.43 4.94 -11.03	67.37 5.20 -10.12	69.86 5.50 -8.23	59.42 4.51 -4.16	50.30 3.92 -0.21	46.46 3.74 -4.16	40.59 3.24 -3.29	38.61 3.30 -4.18
PJM_GEN_HTTP_PROXY 323702	31.98 2.78 0.00	28.77 2.42 0.00	26.96 2.11 0.00	26.40 1.96 0.00	26.02 1.93 0.00	25.29 1.79 0.00	24.82 1.54 0.11	24.31 1.54 -0.11	25.96 2.14 0.00	27.86 2.46 0.00	30.63 2.76 0.00	35.04 3.24 -1.22	36.32 3.30 0.00	38.39 3.62 -0.01	41.18 3.74 0.00	44.69 3.95 0.00	52.26 4.79 0.00	56.94 4.89 0.00	61.23 5.11 0.00	54.96 4.21 0.00	49.90 3.74 0.00	41.88 3.32 0.00	36.99 2.93 0.00	33.87 2.74 0.00
PJM_GEN_KEystone 24065	30.25 1.05 0.00	27.21 0.87 0.00	25.59 0.74 0.00	25.06 0.61 0.00	24.67 0.58 0.00	24.05 0.54 0.00	23.63 0.35 0.11	23.06 0.29 -0.11	24.44 0.62 0.00	26.23 0.84 0.00	28.82 0.95 0.00	31.80 1.13 -0.09	34.27 1.25 0.00	36.19 1.43 0.00	38.82 1.39 0.00	41.80 1.30 0.24	48.23 1.47 0.71	52.26 1.25 1.03	56.09 1.18 1.22	50.97 1.12 0.89	46.55 0.97 0.58	39.32 0.85 0.09	35.05 0.99 0.00	32.15 1.03 0.00
PJM_GEN_NEPTUNE_PROXY 323594	34.41 2.89 -2.32	32.39 2.53 -3.51	30.33 2.24 -3.25	28.86 2.13 -2.28	26.65 2.09 -0.47	26.69 1.97 -1.21	24.96 1.68 0.11	24.40 1.63 -0.11	29.12 2.26 -3.03	31.86 2.54 -3.92	34.61 2.84 -3.90	39.37 3.30 -5.49	41.04 3.37 -4.65	44.33 3.72 -5.84	45.94 3.82 -4.68	48.29 4.07 -3.48	55.11 4.89 -2.75	59.56 5.10 -2.41	63.23 5.33 -1.77	55.16 4.41 0.00	49.95 3.79 0.00	43.69 3.47 -1.65	38.86 3.03 -1.76	36.21 2.83 -2.24
PJM_GEN_VFT_PROXY 323633	31.94 2.74 0.00	28.69 2.34 0.00	26.86 2.01 0.00	26.30 1.86 0.00	25.94 1.85 0.00	25.22 1.71 0.00	24.75 1.47 0.11	24.24 1.47 -0.11	25.92 2.10 0.00	27.81 2.41 0.00	30.63 2.76 0.00	35.05 3.21 -1.27	36.26 3.24 0.00	38.35 3.58 -0.01	41.03 3.59 0.00	41.11 3.79 3.42	41.93 4.60 10.14	41.98 4.69 14.75	43.53 4.83 17.43	41.93 3.96 12.77	41.42 3.51 8.25	40.45 3.16 1.28	36.92 2.86 0.00	33.84 2.71 0.00
PLATSBURG_115KV_PMLD1 355749	28.44 -0.76 0.00	25.74 -0.61 0.00	24.17 -0.67 0.00	23.79 -0.66 0.00	23.56 -0.53 0.00	23.01 -0.49 0.00	23.18 -0.21 0.00	22.70 0.05 0.00	23.65 -0.17 0.00	25.12 -0.28 0.00	27.59 -0.28 0.00	30.18 -0.40 0.00	32.56 -0.46 0.00	34.17 -0.59 0.00	36.84 -0.60 0.00	40.17 -0.57 0.00	47.04 -0.43 0.00	51.79 -0.26 0.00	55.96 -0.17 0.00	50.90 0.15 0.00	46.39 0.23 0.00	38.33 -0.23 0.00	33.72 -0.34 0.00	30.72 -0.40 0.00
PLEASANTVLY___LBMP 24000	31.33 2.13 0.00	28.24 1.90 0.00	26.53 1.69 0.00	26.06 1.61 0.00	25.68 1.59 0.00	25.01 1.50 0.00	24.65 1.26 0.00	23.81 1.16 0.00	25.44 1.62 0.00	27.25 1.85 0.00	29.93 2.06 0.00	32.96 2.39 0.00	35.46 2.44 0.00	37.34 2.57 0.00	40.13 2.70 0.00	43.63 2.89 0.00	50.84 3.37 0.00	55.69 3.64 0.00	59.83 4.83 0.00	53.84 3.96 0.00	48.98 3.10 0.00	40.88 2.82 0.00	36.18 2.31 0.00	33.28 2.15 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	31.74 2.54 0.00	28.56 2.21 0.00	26.81 1.96 0.00	26.28 1.83 0.00	25.89 1.81 0.00	25.22 1.72 0.00	24.86 1.47 0.00	24.04 1.38 0.00	25.77 1.95 0.00	27.66 2.26 0.00	30.40 2.54 0.00	33.51 2.94 0.00	36.02 3.00 0.00	37.96 3.20 0.00	40.73 3.29 0.00	44.24 3.50 0.00	51.60 4.13 0.00	56.47 4.42 0.00	60.67 4.55 0.00	54.55 3.81 0.00	49.62 3.46 0.00	41.38 2.82 0.00	36.65 2.59 0.00	33.71 2.58 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	31.74 2.54 0.00	28.56 2.21 0.00	26.81 1.96 0.00	26.28 1.83 0.00	25.89 1.81 0.00	25.22 1.72 0.00	24.86 1.47 0.00	24.04 1.38 0.00	25.77 1.95 0.00	27.66 2.26 0.00	30.40 2.54 0.00	33.51 2.94 0.00	36.02 3.00 0.00	37.96 3.20 0.00	40.73 3.29 0.00	44.24 3.50 0.00	51.60 4.13 0.00	56.47 4.42 0.00	60.67 4.55 0.00	54.55 3.81 0.00	49.62 3.46 0.00	41.38 2.82 0.00	36.65 2.59 0.00	33.71 2.58 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	31.57 2.37 0.00	28.45 2.11 0.00	26.73 1.89 0.00	26.23 1.78 0.00	25.85 1.76 0.00	25.20 1.69 0.00	24.82 1.43 0.00	23.95 1.29 0.00	25.53 1.71 0.00	27.35 1.96 0.00	30.07 2.20 0.00	33.12 2.54 0.00	35.76 2.74 0.00	37.65 2.89 0.00	40.51 3.07 0.00	44.08 3.34 0.00	51.45 3.99 0.00	56.42 4.37 0.00	60.62 4.49 0.00	54.60 3.86 0.00	49.58 3.42 0.00	41.34 2.78 0.00	36.55 2.49 0.00	33.53 2.40 0.00
POLETTI____ 23519	32.03 2.83 0.00	28.77 2.42 0.00	26.93 2.09 0.00	26.38 1.93 0.00	26.02 1.93 0.00	25.31 1.81 0.00	24.96 1.57 0.00	24.13 1.47 0.00	25.92 2.10 0.00	27.86 2.46 0.00	30.68 2.81 0.00	35.12 3.27 -1.27	36.32 3.30 0.00	38.32 3.55 -0.01	40.99 3.56 0.00	44.45 3.71 0.00	51.83 4.37 0.00	56.63 4.58 0.00	60.78 4.66 0.00	54.60 3.86 0.00	49.76 3.60 0.00	41.53 2.97 0.00	36.89 2.83 0.00	33.99 2.86 0.00
POMONA___ESR 323819	31.60 2.39 0.00	28.50 2.16 0.00	26.73 1.89 0.00	26.21 1.76 0.00	25.82 1.74 0.00	25.13 1.62 0.00	24.77 1.38 0.00	23.99 1.34 0.00	25.68 1.86 0.00	27.53 2.13 0.00	30.27 2.40 0.00	33.33 2.75 0.00	35.79 2.77 0.00	37.79 3.02 0.00	40.54 3.11 0.00	44.08 3.34 0.00	51.45 3.99 0.00	56.21 4.17 0.00	60.45 4.32 0.00	54.30 3.55 0.00	49.30 3.14 0.00	41.34 2.78 0.00	36.48 2.42 0.00	33.43 2.30 0.00
PORT_JEFF_3 23555	36.84 3.33 -4.32	35.79 2.90 -6.55	33.46 2.56 -6.06	31.15 2.44 -4.26	27.38 2.41 -0.88	28.04 2.28 -2.26	25.38 1.99 0.00	24.56 1.90 0.00	32.03 2.55 -5.66	35.58 2.87 -7.31	38.34 3.20 -7.27	63.39 3.55 -29.27	45.14 3.63 -8.49	125.79 3.96 -87.06	136.83 4.04 -95.35	140.58 4.32 -95.53	147.93 5.08 -95.38	147.93 5.36 -90.52	140.58 5.78 -78.67	119.25 4.92 -63.58	53.63 4.20 -3.27	61.96 3.82 -19.57	40.72 3.37 -3.29	38.52 3.21 -4.18
PORT_JEFF_4 23616	36.84 3.33 -4.32	35.79 2.90 -6.55	33.46 2.56 -6.06	31.15 2.44 -4.26	27.38 2.41 -0.88	28.04 2.28 -2.26	25.38 1.99 0.00	24.56 1.90 0.00	32.03 2.55 -5.66	35.58 2.87 -7.31	38.34 3.20 -7.27	63.39 3.55 -29.27	45.14 3.63 -8.49	125.79 3.96 -87.06	136.83 4.04 -95.35	140.58 4.32 -95.53	147.93 5.08 -95.38	147.93 5.36 -90.52	140.58 5.78 -78.67	119.25 4.92 -63.58	53.63 4.20 -3.27	61.96 3.82 -19.57	40.72 3.37 -3.29	38.52 3.21 -4.18

PORT_JEFF_IC 23713	36.90 3.39 -4.32	35.85 2.95 -6.55	33.51 2.61 -6.06	31.17 2.47 -4.26	27.43 2.46 -0.88	28.11 2.35 -2.26	25.45 2.06 0.00	24.56 1.90 0.00	32.05 2.57 -5.66	35.65 2.95 -7.31	38.45 3.32 -7.27	66.44 3.70 -32.16	45.18 3.73 -8.43	137.40 3.93 -98.71	150.03 4.01 -108.59	154.19 4.32 -109.14	161.63 4.98 -109.18	161.13 5.41 -103.67	151.99 5.67 -90.19	128.97 4.92 -73.31	54.41 4.48 -3.77	64.25 3.59 -22.10	40.72 3.37 -3.29	38.64 3.33 -4.18
PPL PILGRIM_ST_GT1 24216	36.99 3.47 -4.32	35.98 3.08 -6.55	33.64 2.73 -6.06	31.32 2.62 -4.26	27.55 2.58 -0.88	28.21 2.44 -2.26	25.54 2.15 0.00	24.72 2.06 0.00	32.17 2.69 -5.66	35.70 3.00 -7.31	38.45 3.31 -7.27	48.12 3.70 -13.84	45.07 3.83 -8.23	65.28 4.00 -26.52	68.10 4.16 -26.50	69.94 4.44 -24.76	76.47 5.36 -23.65	79.86 5.67 -22.14	80.84 5.95 -18.77	68.77 4.98 -13.05	51.45 4.62 -0.67	49.20 4.17 -6.47	41.03 3.65 -3.32	38.74 3.42 -4.18
PPL PILGRIM_ST_GT2 24217	36.99 3.47 -4.32	35.98 3.08 -6.55	33.64 2.73 -6.06	31.32 2.62 -4.26	27.55 2.58 -0.88	28.21 2.44 -2.26	25.54 2.15 0.00	24.72 2.06 0.00	32.17 2.69 -5.66	35.70 3.00 -7.31	38.45 3.31 -7.27	48.12 3.70 -13.84	45.07 3.83 -8.23	65.28 4.00 -26.52	68.10 4.16 -26.50	69.94 4.44 -24.76	76.47 5.36 -23.65	79.86 5.67 -22.14	80.84 5.95 -18.77	68.77 4.98 -13.05	51.45 4.62 -0.67	49.20 4.17 -6.47	41.03 3.65 -3.32	38.74 3.42 -4.18
PPL_SHRM_GT3 24213	36.82 3.30 -4.32	35.74 2.85 -6.55	33.39 2.48 -6.06	31.05 2.35 -4.26	27.28 2.31 -0.88	27.95 2.19 -2.26	25.28 1.89 0.00	24.47 1.81 0.00	31.95 2.48 -5.66	35.53 2.82 -7.31	38.42 3.29 -7.27	64.07 3.82 -29.67	45.46 3.96 -8.48	127.86 4.42 -88.68	139.23 4.60 -97.19	143.08 4.93 -97.42	150.70 5.93 -97.30	150.69 6.30 -92.35	143.07 6.68 -80.27	121.26 5.58 -64.94	54.30 4.80 -3.34	62.77 4.28 -19.93	40.89 3.54 -3.29	38.58 3.27 -4.18
PPL_SHRM_GT4 24214	36.82 3.30 -4.32	35.74 2.85 -6.55	33.39 2.48 -6.06	31.05 2.35 -4.26	27.28 2.31 -0.88	27.95 2.19 -2.26	25.28 1.89 0.00	24.47 1.81 0.00	31.95 2.48 -5.66	35.53 2.82 -7.31	38.42 3.29 -7.27	64.07 3.82 -29.67	45.46 3.96 -8.48	127.86 4.42 -88.68	139.23 4.60 -97.19	143.08 4.93 -97.42	150.70 5.93 -97.30	150.69 6.30 -92.35	143.07 6.68 -80.27	121.26 5.58 -64.94	54.30 4.80 -3.34	62.77 4.28 -19.93	40.89 3.54 -3.29	38.58 3.27 -4.18
PROJECT___ORANGE 1 24174	29.52 -0.12 -0.43	26.35 -0.13 -0.14	24.70 -0.15 0.00	24.28 -0.17 0.00	23.90 -0.19 0.00	23.32 -0.19 0.00	23.13 -0.26 0.00	22.39 -0.27 0.00	23.60 -0.21 0.00	25.29 -0.15 -0.05	27.93 -0.14 -0.20	30.98 -0.06 -0.46	33.43 0.00 -0.41	35.15 0.00 -0.38	38.01 0.04 -0.54	41.49 0.00 -0.75	48.66 0.00 -1.20	53.40 -0.16 -1.51	58.13 -0.11 -2.11	52.45 -0.10 -1.80	47.13 -0.09 -1.07	39.25 0.04 -0.64	34.58 0.10 -0.42	31.72 -0.03 -0.63
PROJECT___ORANGE 2 24166	29.52 -0.12 -0.43	26.35 -0.13 -0.14	24.70 -0.15 0.00	24.28 -0.17 0.00	23.90 -0.19 0.00	23.32 -0.19 0.00	23.13 -0.26 0.00	22.39 -0.27 0.00	23.60 -0.21 0.00	25.29 -0.15 -0.05	27.93 -0.14 -0.20	30.98 -0.06 -0.46	33.43 0.00 -0.41	35.15 0.00 -0.38	38.01 0.04 -0.54	41.49 0.00 -0.75	48.66 0.00 -1.20	53.40 -0.16 -1.51	58.13 -0.11 -2.11	52.45 -0.10 -1.80	47.13 -0.09 -1.07	39.25 0.04 -0.64	34.58 0.10 -0.42	31.72 -0.03 -0.63
PUCKETT___SOLAR 323809	30.53 1.05 -0.28	27.33 0.90 -0.09	25.66 0.82 0.00	25.21 0.76 0.00	24.76 0.67 0.00	24.16 0.66 0.00	23.93 0.54 0.00	23.09 0.43 0.00	24.32 0.50 0.00	26.04 0.61 -0.03	28.64 0.64 -0.13	31.65 0.76 -0.30	34.24 0.96 -0.27	36.09 1.08 -0.25	38.95 1.16 -0.35	42.37 1.14 -0.49	49.48 1.23 -0.78	54.59 1.56 -0.99	59.36 1.85 -1.38	53.81 1.88 -1.18	48.66 1.80 -0.70	40.45 1.47 -0.42	35.77 1.43 -0.27	32.79 1.25 -0.41
PYRITES___HYD 24023	28.07 -1.26 -0.12	25.30 -1.08 -0.04	23.78 -1.07 0.00	23.37 -1.08 0.00	23.03 -1.06 0.00	22.49 -1.01 0.00	22.66 -0.73 0.00	22.14 -0.52 0.00	22.94 -0.88 0.00	24.39 -1.02 -0.01	26.78 -1.14 -0.06	29.33 -1.38 -0.13	31.71 -1.42 -0.12	33.34 -1.53 -0.11	35.94 -1.65 -0.15	39.24 -1.71 -0.21	45.95 -1.85 -0.34	51.01 -1.46 -0.43	55.37 -1.35 -0.60	50.39 -0.86 -0.51	45.82 -0.65 -0.30	37.86 -0.89 -0.18	33.26 -0.92 -0.12	30.34 -0.96 -0.18
QUAKERRD_115KV_BK1 80622	28.47 -0.73 0.00	25.58 -0.76 0.00	24.12 -0.72 0.00	23.64 -0.81 0.00	23.25 -0.84 0.00	22.68 -0.82 0.00	22.50 -0.89 0.00	21.73 -0.93 0.00	22.89 -0.93 0.00	24.58 -0.81 0.00	27.03 -0.84 0.00	29.72 -0.86 0.00	32.36 -0.66 0.00	34.17 -0.59 0.00	36.80 -0.64 0.00	39.92 -0.81 0.00	46.75 -0.71 0.00	50.64 -1.41 0.00	54.83 -1.29 0.00	49.78 -0.96 0.00	45.05 -1.11 0.00	37.98 -0.58 0.00	33.52 -0.55 0.00	30.41 -0.72 0.00
QUENSBRY_115KV_TB8 356137	31.22 2.01 0.00	28.21 1.87 0.00	26.48 1.64 0.00	26.01 1.56 0.00	25.58 1.49 0.00	25.01 1.50 0.00	24.65 1.26 0.00	23.79 1.13 0.00	25.27 1.45 0.00	27.02 1.63 0.00	29.51 1.64 0.00	32.35 1.77 0.00	35.03 2.01 0.00	36.75 1.98 0.00	39.65 2.21 0.00	43.26 2.53 0.00	50.46 2.99 0.00	55.48 3.44 0.00	60.56 4.43 0.00	54.81 4.06 0.00	50.08 3.92 0.00	41.65 3.09 0.00	36.55 2.49 0.00	33.28 2.15 0.00
RAMAPO___LBMP 323565	31.48 2.28 0.00	28.37 2.03 0.00	26.61 1.76 0.00	26.11 1.66 0.00	25.73 1.64 0.00	25.06 1.55 0.00	24.70 1.31 0.00	23.88 1.22 0.00	25.56 1.74 0.00	27.43 2.03 0.00	30.13 2.26 0.00	33.18 2.60 0.00	35.63 2.61 0.00	37.55 2.78 0.00	40.28 2.85 0.00	43.75 3.01 0.00	50.98 3.51 0.00	55.79 3.75 0.00	59.94 3.82 0.00	53.94 3.20 0.00	49.07 2.91 0.00	40.95 2.39 0.00	36.24 2.18 0.00	33.34 2.21 0.00
RANKINE___ 23646	29.00 -0.20 0.00	26.00 -0.34 0.00	24.60 -0.25 0.00	24.01 -0.44 0.00	23.61 -0.48 0.00	23.08 -0.42 0.00	22.80 -0.58 0.00	21.84 -0.82 0.00	23.13 -0.69 0.00	24.89 -0.51 0.00	27.42 -0.45 0.00	30.09 -0.49 0.00	32.92 -0.10 0.00	34.77 0.00 0.00	37.32 -0.11 0.00	40.33 -0.41 0.00	47.23 -0.24 0.00	50.49 -1.56 0.00	54.78 -1.35 0.00	49.93 -0.81 0.00	45.05 -1.11 0.00	38.29 -0.27 0.00	34.00 -0.07 0.00	30.72 -0.40 0.00
RAVENSWOOD_GT2_1 24244	32.06 2.86 0.00	28.82 2.48 0.00	26.98 2.14 0.00	26.45 2.00 0.00	26.06 1.98 0.00	25.36 1.86 0.00	25.00 1.61 0.00	24.18 1.52 0.00	25.96 2.14 0.00	27.91 2.51 0.00	30.74 2.87 0.00	35.19 3.30 -1.30	36.39 3.37 0.00	38.35 3.58 -0.01	41.03 3.59 0.00	44.53 3.79 0.00	51.93 4.46 0.00	56.73 4.68 0.00	60.90 4.77 0.00	54.76 4.01 0.00	49.85 3.69 0.00	41.61 3.05 0.00	36.96 2.90 0.00	34.05 2.93 0.00
RAVENSWOOD_GT2_2 24245	32.06 2.86 0.00	28.82 2.48 0.00	26.98 2.14 0.00	26.45 2.00 0.00	26.06 1.98 0.00	25.36 1.86 0.00	25.00 1.61 0.00	24.18 1.52 0.00	25.96 2.14 0.00	27.91 2.51 0.00	30.74 2.87 0.00	35.19 3.30 -1.30	36.39 3.37 0.00	38.35 3.58 -0.01	41.03 3.59 0.00	44.53 3.79 0.00	51.93 4.46 0.00	56.73 4.68 0.00	60.90 4.77 0.00	54.76 4.01 0.00	49.85 3.69 0.00	41.61 3.05 0.00	36.96 2.90 0.00	34.05 2.93 0.00

RAVENSWOOD_GT2_3 24246	32.09 2.89 0.00	28.82 2.48 0.00	27.01 2.16 0.00	26.45 2.00 0.00	26.09 2.00 0.00	25.39 1.88 0.00	25.00 1.61 0.00	24.20 1.54 0.00	25.96 2.14 0.00	27.91 2.51 0.00	30.74 2.87 0.00	35.22 3.33 -1.30	36.39 3.37 0.00	38.39 3.62 -0.01	41.07 3.63 0.00	44.53 3.79 0.00	51.98 4.51 0.00	56.78 4.74 0.00	60.95 4.83 0.00	54.76 4.01 0.00	49.90 3.74 0.00	41.65 3.09 0.00	36.96 2.90 0.00	34.05 2.93 0.00
RAVENSWOOD_GT2_4 24247	32.09 2.89 0.00	28.82 2.48 0.00	27.01 2.16 0.00	26.45 2.00 0.00	26.09 2.00 0.00	25.39 1.88 0.00	25.00 1.61 0.00	24.20 1.54 0.00	25.96 2.14 0.00	27.91 2.51 0.00	30.74 2.87 0.00	35.22 3.33 -1.30	36.39 3.37 0.00	38.39 3.62 -0.01	41.07 3.63 0.00	44.53 3.79 0.00	51.98 4.51 0.00	56.78 4.74 0.00	60.95 4.83 0.00	54.76 4.01 0.00	49.90 3.74 0.00	41.65 3.09 0.00	36.96 2.90 0.00	34.05 2.93 0.00
RAVENSWOOD_GT3_1 24248	32.06 2.86 0.00	28.82 2.48 0.00	27.01 2.16 0.00	26.45 2.00 0.00	26.06 1.98 0.00	25.36 1.86 0.00	25.00 1.61 0.00	24.18 1.52 0.00	25.96 2.14 0.00	27.91 2.51 0.00	30.74 2.87 0.00	35.19 3.30 -1.30	36.39 3.37 0.00	38.35 3.58 -0.01	41.03 3.59 0.00	44.53 3.79 0.00	51.93 4.46 0.00	56.73 4.68 0.00	60.90 4.77 0.00	54.76 4.01 0.00	49.85 3.69 0.00	41.61 3.05 0.00	36.96 2.90 0.00	34.05 2.93 0.00
RAVENSWOOD_GT3_2 24249	32.06 2.86 0.00	28.82 2.48 0.00	27.01 2.16 0.00	26.45 2.00 0.00	26.06 1.98 0.00	25.36 1.86 0.00	25.00 1.61 0.00	24.18 1.52 0.00	25.96 2.14 0.00	27.91 2.51 0.00	30.74 2.87 0.00	35.19 3.30 -1.30	36.39 3.37 0.00	38.35 3.58 -0.01	41.03 3.59 0.00	44.53 3.79 0.00	51.93 4.46 0.00	56.73 4.68 0.00	60.90 4.77 0.00	54.76 4.01 0.00	49.85 3.69 0.00	41.61 3.05 0.00	36.96 2.90 0.00	34.05 2.93 0.00
RAVENSWOOD_GT3_3 24250	32.12 2.92 0.00	28.85 2.50 0.00	27.03 2.19 0.00	26.48 2.03 0.00	26.11 2.02 0.00	25.41 1.90 0.00	25.05 1.66 0.00	24.22 1.56 0.00	26.01 2.19 0.00	27.96 2.57 0.00	30.79 2.93 0.00	35.25 3.36 -1.30	36.45 3.43 0.00	38.42 3.65 -0.01	41.11 3.67 0.00	44.61 3.87 0.00	52.02 4.56 0.00	56.89 4.84 0.00	61.01 4.88 0.00	54.86 4.11 0.00	49.95 3.79 0.00	41.69 3.12 0.00	37.03 2.96 0.00	34.12 2.99 0.00
RAVENSWOOD_GT3_4 24251	32.12 2.92 0.00	28.85 2.50 0.00	27.03 2.19 0.00	26.48 2.03 0.00	26.11 2.02 0.00	25.41 1.90 0.00	25.05 1.66 0.00	24.22 1.56 0.00	26.01 2.19 0.00	27.96 2.57 0.00	30.79 2.93 0.00	35.25 3.36 -1.30	36.45 3.43 0.00	38.42 3.65 -0.01	41.11 3.67 0.00	44.61 3.87 0.00	52.02 4.56 0.00	56.89 4.84 0.00	61.01 4.88 0.00	54.86 4.11 0.00	49.95 3.79 0.00	41.69 3.12 0.00	37.03 2.96 0.00	34.12 2.99 0.00
RAVENSWOOD_GT_1 23729	33.35 3.01 -1.14	28.95 2.61 0.00	27.11 2.26 0.00	26.55 2.10 0.00	26.19 2.10 0.00	25.46 1.95 0.00	25.05 1.66 0.00	24.20 1.54 0.00	26.01 2.19 0.00	27.99 2.59 0.00	32.49 3.01 -1.61	36.53 3.46 -2.50	36.56 3.53 -0.01	38.49 3.72 -0.01	41.03 3.59 0.00	44.53 3.79 0.00	52.07 4.60 0.00	56.78 4.74 0.00	60.90 4.77 0.00	54.76 4.01 0.00	49.90 3.74 0.00	41.65 3.09 0.00	37.15 3.07 -0.02	34.23 3.08 -0.02
RAVENSWOOD_GT_10 24258	32.06 2.86 0.00	28.82 2.48 0.00	26.98 2.14 0.00	26.45 2.00 0.00	26.06 1.98 0.00	25.36 1.86 0.00	25.00 1.61 0.00	24.18 1.52 0.00	25.96 2.14 0.00	27.91 2.51 0.00	30.74 2.87 0.00	35.13 3.30 -1.25	36.39 3.37 0.00	38.35 3.58 -0.01	41.03 3.59 0.00	44.53 3.79 0.00	51.93 4.46 0.00	56.73 4.68 0.00	60.90 4.77 0.00	54.76 4.01 0.00	49.85 3.69 0.00	41.61 3.05 0.00	36.96 2.90 0.00	34.05 2.93 0.00
RAVENSWOOD_GT_11 24259	32.06 2.86 0.00	28.82 2.48 0.00	26.98 2.14 0.00	26.45 2.00 0.00	26.06 1.98 0.00	25.36 1.86 0.00	25.00 1.61 0.00	24.18 1.52 0.00	25.96 2.14 0.00	27.91 2.51 0.00	30.74 2.87 0.00	35.13 3.30 -1.25	36.39 3.37 0.00	38.35 3.58 -0.01	41.03 3.59 0.00	44.53 3.79 0.00	51.93 4.46 0.00	56.73 4.68 0.00	60.90 4.77 0.00	54.76 4.01 0.00	49.85 3.69 0.00	41.61 3.05 0.00	36.96 2.90 0.00	34.05 2.93 0.00
RAVENSWOOD_GT_4 24252	32.92 2.86 -0.86	28.80 2.45 0.00	26.98 2.14 0.00	26.43 1.98 0.00	26.06 1.98 0.00	25.36 1.86 0.00	25.00 1.61 0.00	24.18 1.52 0.00	25.96 2.14 0.00	27.91 2.51 0.00	31.93 2.84 -1.21	35.22 3.27 -1.37	36.36 3.33 -0.01	38.35 3.58 -0.01	41.03 3.59 0.00	44.53 3.79 0.00	51.93 4.46 0.00	56.78 4.74 0.00	60.90 4.77 0.00	54.76 4.01 0.00	49.85 3.69 0.00	41.61 3.05 0.00	36.93 2.86 -0.01	34.03 2.89 -0.01
RAVENSWOOD_GT_5 24254	32.92 2.86 -0.86	28.80 2.45 0.00	26.98 2.14 0.00	26.43 1.98 0.00	26.06 1.98 0.00	25.36 1.86 0.00	25.00 1.61 0.00	24.18 1.52 0.00	25.96 2.14 0.00	27.91 2.51 0.00	31.93 2.84 -1.21	35.22 3.27 -1.37	36.36 3.33 -0.01	38.35 3.58 -0.01	41.03 3.59 0.00	44.53 3.79 0.00	51.93 4.46 0.00	56.78 4.74 0.00	60.90 4.77 0.00	54.76 4.01 0.00	49.85 3.69 0.00	41.61 3.05 0.00	36.93 2.86 -0.01	34.03 2.89 -0.01
RAVENSWOOD_GT_6 24253	32.92 2.86 -0.86	28.80 2.45 0.00	26.98 2.14 0.00	26.43 1.98 0.00	26.06 1.98 0.00	25.36 1.86 0.00	25.00 1.61 0.00	24.18 1.52 0.00	25.96 2.14 0.00	27.91 2.51 0.00	31.93 2.84 -1.21	35.22 3.27 -1.37	36.36 3.33 -0.01	38.35 3.58 -0.01	41.03 3.59 0.00	44.53 3.79 0.00	51.93 4.46 0.00	56.78 4.74 0.00	60.90 4.77 0.00	54.76 4.01 0.00	49.85 3.69 0.00	41.61 3.05 0.00	36.93 2.86 -0.01	34.03 2.89 -0.01
RAVENSWOOD_GT_7 24255	32.92 2.86 -0.86	28.80 2.45 0.00	26.98 2.14 0.00	26.43 1.98 0.00	26.06 1.98 0.00	25.36 1.86 0.00	25.00 1.61 0.00	24.18 1.52 0.00	25.96 2.14 0.00	27.91 2.51 0.00	31.93 2.84 -1.21	35.22 3.27 -1.37	36.36 3.33 -0.01	38.35 3.58 -0.01	41.03 3.59 0.00	44.53 3.79 0.00	51.93 4.46 0.00	56.78 4.74 0.00	60.90 4.77 0.00	54.76 4.01 0.00	49.85 3.69 0.00	41.61 3.05 0.00	36.93 2.86 -0.01	34.03 2.89 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	32.06 2.86 0.00	28.82 2.48 0.00	26.98 2.14 0.00	26.45 2.00 0.00	26.06 1.98 0.00	25.36 1.86 0.00	25.00 1.61 0.00	24.18 1.52 0.00	25.96 2.14 0.00	27.91 2.51 0.00	30.74 2.87 0.00	35.13 3.30 -1.25	36.39 3.37 0.00	38.35 3.58 -0.01	41.03 3.59 0.00	44.53 3.79 0.00	51.93 4.46 0.00	56.73 4.68 0.00	60.90 4.77 0.00	54.76 4.01 0.00	49.85 3.69 0.00	41.61 3.05 0.00	36.96 2.90 0.00	34.05 2.93 0.00
RAVENSWOOD_GT_9 24257	32.06 2.86 0.00	28.82 2.48 0.00	26.98 2.14 0.00	26.45 2.00 0.00	26.06 1.98 0.00	25.36 1.86 0.00	25.00 1.61 0.00	24.18 1.52 0.00	25.96 2.14 0.00	27.91 2.51 0.00	30.74 2.87 0.00	35.13 3.30 -1.25	36.39 3.37 0.00	38.35 3.58 -0.01	41.03 3.59 0.00	44.53 3.79 0.00	51.93 4.46 0.00	56.73 4.68 0.00	60.90 4.77 0.00	54.76 4.01 0.00	49.85 3.69 0.00	41.61 3.05 0.00	36.96 2.90 0.00	34.05 2.93 0.00

RAVENSWOOD___1 23533	32.22 3.01 -0.01	28.93 2.58 0.00	27.08 2.24 0.00	26.55 2.10 0.00	26.16 2.07 0.00	25.43 1.93 0.00	25.03 1.64 0.00	24.24 1.59 0.00	26.01 2.19 0.00	27.96 2.56 0.00	30.83 2.95 -0.01	35.86 3.42 -1.85	36.52 3.50 0.00	38.60 3.82 -0.01	41.14 3.71 0.00	44.69 3.95 0.00	52.40 4.94 0.00	56.99 4.95 0.00	61.23 5.11 0.00	55.01 4.26 0.00	50.04 3.88 0.00	41.96 3.39 0.00	37.27 3.20 -0.01	34.13 2.99 -0.01
RAVENSWOOD___2 23534	32.19 2.98 -0.01	28.90 2.55 0.00	27.08 2.24 0.00	26.52 2.08 0.00	26.16 2.07 0.00	25.41 1.90 0.00	25.00 1.61 0.00	24.24 1.59 0.00	25.99 2.17 0.00	27.94 2.54 0.00	30.83 2.95 -0.01	35.85 3.42 -1.85	36.52 3.50 0.00	38.56 3.79 -0.01	41.14 3.71 0.00	44.69 3.95 0.00	52.36 4.89 0.00	56.99 4.95 0.00	61.23 5.11 0.00	55.01 4.26 0.00	49.99 3.83 0.00	41.92 3.35 0.00	37.24 3.17 -0.01	34.10 2.96 -0.01
RAVENSWOOD___3 23535	32.06 2.86 0.00	28.82 2.48 0.00	27.01 2.16 0.00	26.45 2.01 0.00	26.06 1.98 0.00	25.34 1.83 0.00	24.98 1.59 0.00	24.22 1.56 0.00	25.99 2.17 0.00	27.89 2.49 0.00	30.71 2.84 0.00	35.19 3.30 -1.30	36.39 3.37 0.00	38.46 3.68 -0.01	41.18 3.74 0.00	44.69 3.95 0.00	52.26 4.79 0.00	56.99 4.95 0.00	61.29 5.16 0.00	55.01 4.26 0.00	49.95 3.79 0.00	41.92 3.35 0.00	37.09 3.03 0.00	33.96 2.83 0.00
RAVENSWOOD___4 23820	31.07 2.98 1.11	28.90 2.55 0.00	27.08 2.24 0.00	26.52 2.08 0.00	26.13 2.05 0.00	25.41 1.90 0.00	25.00 1.61 0.00	24.24 1.59 0.00	25.99 2.17 0.00	27.93 2.54 0.00	29.25 2.95 1.57	35.22 3.42 -1.21	36.51 3.50 0.01	38.56 3.79 -0.01	41.14 3.71 0.00	44.65 3.91 0.00	52.36 4.89 0.00	56.94 4.89 0.00	61.23 5.11 0.00	55.01 4.26 0.00	49.99 3.83 0.00	41.92 3.35 0.00	37.22 3.17 0.01	34.08 2.96 0.01
RCPL_TRUST___DRP 24196	32.03 2.83 0.00	28.82 2.48 0.00	27.01 2.16 0.00	26.45 2.00 0.00	26.06 1.98 0.00	25.36 1.86 0.00	25.00 1.61 0.00	24.20 1.54 0.00	25.99 2.17 0.00	27.94 2.54 0.00	30.71 2.84 0.00	35.10 3.30 -1.22	36.39 3.37 0.00	38.42 3.65 -0.01	41.14 3.71 0.00	44.61 3.87 0.00	52.02 4.56 0.00	56.89 4.84 0.00	61.01 4.88 0.00	54.81 4.06 0.00	49.90 3.74 0.00	41.65 3.09 0.00	36.96 2.90 0.00	34.02 2.89 0.00
RED___ROCHESTER 323720	29.29 0.09 0.00	26.24 -0.10 0.00	24.77 -0.07 0.00	24.20 -0.24 0.00	23.82 -0.26 0.00	23.22 -0.28 0.00	23.01 -0.38 0.00	22.25 -0.41 0.00	23.41 -0.41 0.00	25.22 -0.18 0.00	27.73 -0.14 0.00	30.52 -0.06 0.00	33.25 0.23 0.00	35.15 0.38 0.00	37.85 0.41 0.00	40.98 0.25 0.00	47.70 0.24 0.00	51.94 -0.10 0.00	55.96 -0.17 0.00	51.05 0.31 0.00	46.39 0.23 0.00	38.56 0.00 0.00	34.40 0.34 0.00	31.53 0.40 0.00
REGAN___SOLAR 323812	32.82 3.62 0.00	29.69 3.35 0.00	27.80 2.96 0.00	27.26 2.81 0.00	26.79 2.70 0.00	26.16 2.66 0.00	25.68 2.29 0.00	24.70 2.04 0.00	26.25 2.43 0.00	28.06 2.67 0.00	30.91 3.04 0.00	33.70 3.12 0.00	36.52 3.50 0.00	38.66 3.89 0.00	41.85 4.42 0.00	45.62 4.89 0.00	53.40 5.93 0.00	59.43 7.39 0.00	65.10 8.98 0.00	59.07 8.32 0.00	53.54 7.38 0.00	44.39 5.82 0.00	38.93 4.87 0.00	35.17 4.04 0.00
RENSSELAER___COGEN 23796	30.11 0.91 0.00	27.21 0.87 0.00	25.86 1.02 0.00	25.47 1.03 0.00	25.10 1.01 0.00	24.47 0.96 0.00	24.09 0.70 0.00	23.27 0.61 0.00	24.70 0.88 0.00	26.18 0.79 0.00	28.65 0.78 0.00	31.43 0.85 0.00	33.91 0.89 0.00	35.57 0.80 0.00	38.33 0.90 0.00	41.84 1.10 0.00	48.75 1.28 0.00	53.45 1.41 0.00	57.64 1.52 0.00	52.02 1.27 0.00	47.27 1.11 0.00	39.56 1.00 0.00	34.85 0.78 0.00	31.94 0.81 0.00
REPUBLIC_115KV_BARTNBRK 55605	33.05 3.85 0.00	29.93 3.58 0.00	27.98 3.13 0.00	27.43 2.98 0.00	26.95 2.87 0.00	26.37 2.87 0.00	25.92 2.53 0.00	25.01 2.36 0.00	26.72 2.91 0.00	28.65 3.25 0.00	31.38 3.51 0.00	34.37 3.79 0.00	37.31 4.29 0.00	39.18 4.42 0.00	42.27 4.83 0.00	46.12 5.38 0.00	53.87 6.41 0.00	59.39 7.34 0.00	64.94 8.81 0.00	58.92 8.17 0.00	53.73 7.57 0.00	44.58 6.02 0.00	38.93 4.87 0.00	35.27 4.14 0.00
REVERE_CPPR_DRP 24186	30.44 1.02 -0.22	27.31 0.90 -0.07	25.69 0.84 0.00	25.23 0.78 0.00	24.76 0.67 0.00	24.16 0.66 0.00	23.97 0.58 0.00	23.18 0.52 0.00	24.39 0.57 0.00	26.13 0.71 -0.02	28.78 0.81 -0.10	31.70 0.89 -0.23	34.25 1.02 -0.21	36.11 1.15 -0.19	38.98 1.27 -0.27	42.42 1.30 -0.38	49.49 1.42 -0.60	55.04 2.24 -0.76	59.89 2.69 -1.07	54.19 2.54 -0.91	49.01 2.31 -0.54	40.82 1.93 -0.32	35.91 1.64 -0.21	32.75 1.31 -0.32
REYNOLDS_115KV_TB3 80639	30.34 1.14 0.00	27.42 1.08 0.00	26.01 1.17 0.00	25.60 1.15 0.00	25.22 1.13 0.00	24.61 1.10 0.00	24.35 0.96 0.00	23.45 0.79 0.00	24.89 1.07 0.00	26.36 0.97 0.00	28.84 0.98 0.00	31.65 1.07 0.00	34.14 1.12 0.00	35.95 1.18 0.00	38.75 1.31 0.00	42.29 1.55 0.00	49.22 1.76 0.00	54.02 1.98 0.00	58.20 2.08 0.00	52.52 1.78 0.00	47.78 1.62 0.00	39.87 1.31 0.00	35.19 1.12 0.00	32.25 1.12 0.00
RIVERBAY____ 323610	32.57 3.36 -0.01	29.36 3.00 -0.01	27.49 2.63 -0.01	26.90 2.44 -0.01	26.51 2.41 -0.01	25.74 2.23 0.00	25.24 1.85 0.00	24.31 1.65 0.00	26.11 2.29 0.00	28.16 2.77 0.00	31.08 3.20 -0.01	35.49 3.64 -1.27	36.82 3.80 0.00	38.74 3.96 -0.01	41.22 3.78 0.00	44.73 3.99 0.00	52.45 4.98 0.00	57.25 5.20 0.00	61.35 5.22 0.00	55.11 4.36 0.00	50.27 4.11 0.00	41.96 3.39 0.00	37.48 3.41 -0.01	34.50 3.36 -0.01
RIVERSDE_115KV_TB3 55908	30.25 1.05 0.00	27.35 1.00 0.00	25.96 1.12 0.00	25.55 1.10 0.00	25.20 1.11 0.00	24.59 1.08 0.00	24.35 0.96 0.00	23.47 0.82 0.00	24.89 1.07 0.00	26.31 0.91 0.00	28.79 0.92 0.00	31.59 1.01 0.00	34.07 1.06 0.00	35.88 1.11 0.00	38.67 1.24 0.00	42.20 1.47 0.00	49.13 1.66 0.00	53.92 1.87 0.00	58.15 2.02 0.00	52.47 1.73 0.00	47.73 1.57 0.00	39.84 1.27 0.00	35.12 1.06 0.00	32.19 1.06 0.00
ROARING___BROOK_WT_PWR 323790	28.56 -0.64 0.00	25.79 -0.55 0.00	24.35 -0.50 0.00	23.98 -0.47 0.00	23.68 -0.41 0.00	23.15 -0.35 0.00	23.13 -0.26 0.00	22.48 -0.18 0.00	23.60 -0.21 0.00	25.12 -0.28 0.00	27.56 -0.31 0.00	30.18 -0.40 0.00	32.59 -0.43 0.00	34.28 -0.49 0.00	36.91 -0.52 0.00	40.21 -0.53 0.00	46.90 -0.57 0.00	51.53 -0.52 0.00	55.62 -0.51 0.00	50.39 -0.35 0.00	45.84 -0.32 0.00	38.22 -0.35 0.00	33.72 -0.34 0.00	30.82 -0.31 0.00
ROCHESRG_115KV_T4 355643	28.91 -0.29 0.00	25.98 -0.37 0.00	24.50 -0.35 0.00	23.98 -0.46 0.00	23.61 -0.48 0.00	23.03 -0.47 0.00	22.83 -0.56 0.00	22.00 -0.66 0.00	23.20 -0.62 0.00	24.91 -0.48 0.00	27.39 -0.47 0.00	30.12 -0.46 0.00	32.79 -0.23 0.00	34.66 -0.10 0.00	37.29 -0.15 0.00	40.41 -0.33 0.00	47.32 -0.14 0.00	51.16 -0.88 0.00	55.40 -0.73 0.00	50.34 -0.41 0.00	45.56 -0.60 0.00	38.49 -0.08 0.00	34.03 -0.03 0.00	30.82 -0.31 0.00

ROCHESTER_9_IC 23652	29.08 -0.12 0.00	26.11 -0.24 0.00	24.65 -0.20 0.00	24.11 -0.34 0.00	23.73 -0.36 0.00	23.15 -0.35 0.00	22.94 -0.44 0.00	22.11 -0.54 0.00	23.32 -0.50 0.00	25.04 -0.36 0.00	27.56 -0.31 0.00	30.33 -0.24 0.00	33.02 0.00 0.00	34.90 0.14 0.00	37.59 0.15 0.00	40.74 0.00 0.00	47.75 0.28 0.00	51.58 -0.47 0.00	55.84 -0.28 0.00	50.80 0.05 0.00	45.93 -0.23 0.00	38.79 0.23 0.00	34.27 0.20 0.00	31.04 -0.09 0.00
ROCKVIEW_13_KV_LD 356306	31.97 2.77 0.00	28.74 2.40 0.00	26.93 2.09 0.00	26.40 1.96 0.00	26.02 1.93 0.00	25.34 1.83 0.00	24.98 1.59 0.00	24.18 1.52 0.00	25.94 2.12 0.00	27.86 2.46 0.00	30.66 2.79 0.00	33.82 3.24 0.00	36.32 3.30 0.00	38.28 3.51 0.00	41.03 3.59 0.00	44.57 3.83 0.00	51.93 4.46 0.00	56.83 4.79 0.00	61.06 4.94 0.00	54.91 4.16 0.00	49.95 3.79 0.00	41.65 3.09 0.00	36.89 2.83 0.00	33.93 2.80 0.00
ROME____115KV_TB2 80656	30.44 1.02 -0.22	27.31 0.90 -0.07	25.69 0.84 0.00	25.23 0.78 0.00	24.76 0.67 0.00	24.16 0.66 0.00	23.97 0.58 0.00	23.18 0.52 0.00	24.39 0.57 0.00	26.13 0.71 -0.02	28.78 0.81 -0.10	31.70 0.89 -0.23	34.25 1.02 -0.21	36.11 1.15 -0.19	38.98 1.27 -0.27	42.42 1.30 -0.38	49.49 1.42 -0.60	55.04 2.24 -0.76	59.89 2.69 -1.07	54.19 2.54 -0.91	49.01 2.31 -0.54	40.82 1.93 -0.32	35.91 1.64 -0.21	32.75 1.31 -0.32
ROSETON____1 23587	31.27 2.07 0.00	28.19 1.84 0.00	26.48 1.64 0.00	26.01 1.57 0.00	25.63 1.54 0.00	24.94 1.43 0.00	24.58 1.19 0.00	23.81 1.15 0.00	25.42 1.60 0.00	27.20 1.80 0.00	29.90 2.03 0.00	32.93 2.35 0.00	35.40 2.38 0.00	37.37 2.61 0.00	40.13 2.70 0.00	43.67 2.93 0.00	50.98 3.51 0.00	55.69 3.64 0.00	59.94 3.82 0.00	53.89 3.15 0.00	48.93 2.77 0.00	41.03 2.47 0.00	36.21 2.15 0.00	33.15 2.02 0.00
ROSETON____2 23588	31.27 2.07 0.00	28.19 1.84 0.00	26.48 1.64 0.00	26.01 1.57 0.00	25.63 1.54 0.00	24.94 1.43 0.00	24.58 1.19 0.00	23.81 1.15 0.00	25.42 1.60 0.00	27.20 1.80 0.00	29.90 2.03 0.00	32.93 2.35 0.00	35.40 2.38 0.00	37.37 2.61 0.00	40.13 2.70 0.00	43.67 2.93 0.00	50.98 3.51 0.00	55.69 3.64 0.00	59.94 3.82 0.00	53.89 3.15 0.00	48.93 2.77 0.00	41.03 2.47 0.00	36.21 2.15 0.00	33.15 2.02 0.00
ROTTDRAM_115KV_TB3 80664	30.46 1.26 0.00	27.50 1.16 0.00	25.94 1.09 0.00	25.52 1.08 0.00	25.12 1.04 0.00	24.52 1.01 0.00	24.21 0.82 0.00	23.36 0.70 0.00	24.72 0.91 0.00	26.39 0.99 0.00	28.93 1.06 0.00	31.77 1.19 0.00	34.31 1.29 0.00	36.12 1.36 0.00	38.93 1.50 0.00	42.41 1.67 0.00	49.41 1.95 0.00	54.23 2.19 0.00	58.60 2.47 0.00	52.98 2.23 0.00	48.19 2.03 0.00	40.22 1.66 0.00	35.49 1.43 0.00	32.44 1.31 0.00
RUSSELL____1 23602	29.26 0.06 0.00	26.24 -0.11 0.00	24.77 -0.07 0.00	24.23 -0.22 0.00	23.82 -0.26 0.00	23.25 -0.26 0.00	23.04 -0.35 0.00	22.20 -0.45 0.00	23.41 -0.40 0.00	25.17 -0.23 0.00	27.70 -0.17 0.00	30.52 -0.06 0.00	33.25 0.23 0.00	35.15 0.38 0.00	37.85 0.41 0.00	41.06 0.33 0.00	48.08 0.62 0.00	51.99 -0.05 0.00	56.24 0.11 0.00	51.20 0.46 0.00	46.30 0.14 0.00	39.10 0.54 0.00	34.51 0.44 0.00	31.22 0.09 0.00
RUSSELL____2 23532	29.26 0.06 0.00	26.24 -0.11 0.00	24.77 -0.07 0.00	24.23 -0.22 0.00	23.82 -0.26 0.00	23.25 -0.26 0.00	23.04 -0.35 0.00	22.20 -0.45 0.00	23.41 -0.40 0.00	25.17 -0.23 0.00	27.70 -0.17 0.00	30.52 -0.06 0.00	33.25 0.23 0.00	35.15 0.38 0.00	37.85 0.41 0.00	41.06 0.33 0.00	48.08 0.62 0.00	51.99 -0.05 0.00	56.24 0.11 0.00	51.20 0.46 0.00	46.30 0.14 0.00	39.10 0.54 0.00	34.51 0.44 0.00	31.22 0.09 0.00
RUSSELL____3 23549	29.26 0.06 0.00	26.24 -0.11 0.00	24.77 -0.07 0.00	24.23 -0.22 0.00	23.82 -0.26 0.00	23.25 -0.26 0.00	23.04 -0.35 0.00	22.20 -0.45 0.00	23.41 -0.40 0.00	25.17 -0.23 0.00	27.70 -0.17 0.00	30.52 -0.06 0.00	33.25 0.23 0.00	35.15 0.38 0.00	37.85 0.41 0.00	41.06 0.33 0.00	48.08 0.62 0.00	51.99 -0.05 0.00	56.24 0.11 0.00	51.20 0.46 0.00	46.30 0.14 0.00	39.10 0.54 0.00	34.51 0.44 0.00	31.22 0.09 0.00
RUSSELL____4 23556	29.26 0.06 0.00	26.24 -0.11 0.00	24.77 -0.07 0.00	24.23 -0.22 0.00	23.82 -0.26 0.00	23.25 -0.26 0.00	23.04 -0.35 0.00	22.20 -0.45 0.00	23.41 -0.40 0.00	25.17 -0.23 0.00	27.70 -0.17 0.00	30.52 -0.06 0.00	33.25 0.23 0.00	35.15 0.38 0.00	37.85 0.41 0.00	41.06 0.33 0.00	48.08 0.62 0.00	51.99 -0.05 0.00	56.24 0.11 0.00	51.20 0.46 0.00	46.30 0.14 0.00	39.10 0.54 0.00	34.51 0.44 0.00	31.22 0.09 0.00
RUSSELL____STATION 23914	29.26 0.06 0.00	26.24 -0.11 0.00	24.77 -0.07 0.00	24.23 -0.22 0.00	23.82 -0.26 0.00	23.25 -0.26 0.00	23.04 -0.35 0.00	22.20 -0.45 0.00	23.41 -0.40 0.00	25.17 -0.23 0.00	27.70 -0.17 0.00	30.52 -0.06 0.00	33.25 0.23 0.00	35.15 0.38 0.00	37.85 0.41 0.00	41.06 0.33 0.00	48.08 0.62 0.00	51.99 -0.05 0.00	56.24 0.11 0.00	51.20 0.46 0.00	46.30 0.14 0.00	39.10 0.54 0.00	34.51 0.44 0.00	31.22 0.09 0.00
S SALMON____HYD 24043	29.84 -0.38 -1.02	26.31 -0.37 -0.33	24.47 -0.37 0.00	24.03 -0.42 0.00	23.63 -0.46 0.00	23.01 -0.49 0.00	22.85 -0.54 0.00	22.11 -0.54 0.00	23.25 -0.57 0.00	25.00 -0.51 -0.12	27.79 -0.56 -0.48	31.09 -0.58 -1.09	33.39 -0.59 -0.96	35.04 -0.62 -0.90	38.00 -0.71 -1.28	41.66 -0.86 -1.78	49.29 -1.00 -2.83	54.78 -0.83 -3.56	60.45 -0.67 -5.00	54.55 -0.46 -4.26	48.36 -0.32 -2.52	39.93 -0.15 -1.52	35.01 -0.03 -0.98	32.52 -0.09 -1.48
S.PERRY__115KV_TB1 80734	30.13 0.93 0.00	27.06 0.71 0.00	25.52 0.67 0.00	24.91 0.46 0.00	24.52 0.43 0.00	23.93 0.42 0.00	23.62 0.23 0.00	22.57 -0.09 0.00	23.60 -0.21 0.00	25.22 -0.18 0.00	27.62 -0.25 0.00	30.33 -0.24 0.00	33.08 0.07 0.00	34.97 0.21 0.00	37.70 0.26 0.00	39.60 -1.14 0.00	46.42 -1.04 0.00	50.59 -1.46 0.00	55.56 -0.56 0.00	51.05 0.30 0.00	46.39 0.23 0.00	39.26 0.69 0.00	35.77 1.70 0.00	32.31 1.18 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	28.70 -0.50 0.00	25.74 -0.61 0.00	24.35 -0.50 0.00	23.76 -0.68 0.00	23.37 -0.72 0.00	22.85 -0.66 0.00	22.57 -0.82 0.00	21.62 -1.04 0.00	22.87 -0.95 0.00	24.61 -0.79 0.00	27.06 -0.81 0.00	29.69 -0.89 0.00	32.49 -0.53 0.00	34.31 -0.45 0.00	36.84 -0.60 0.00	39.76 -0.98 0.00	46.66 -0.81 0.00	49.86 -2.19 0.00	54.10 -2.02 0.00	49.33 -1.42 0.00	44.50 -1.66 0.00	37.83 -0.73 0.00	33.62 -0.44 0.00	30.35 -0.78 0.00
SAWYER____23_KV_LOAD 55526	28.70 -0.50 0.00	25.74 -0.61 0.00	24.35 -0.50 0.00	23.76 -0.68 0.00	23.37 -0.72 0.00	22.85 -0.66 0.00	22.57 -0.82 0.00	21.62 -1.04 0.00	22.87 -0.95 0.00	24.61 -0.79 0.00	27.06 -0.81 0.00	29.69 -0.89 0.00	32.49 -0.53 0.00	34.31 -0.45 0.00	36.84 -0.60 0.00	39.76 -0.98 0.00	46.66 -0.81 0.00	49.86 -2.19 0.00	54.10 -2.02 0.00	49.33 -1.42 0.00	44.50 -1.66 0.00	37.83 -0.73 0.00	33.62 -0.44 0.00	30.35 -0.78 0.00

SELKIRK___I 23801	30.34 1.14 0.00	27.45 1.11 0.00	26.01 1.17 0.00	25.62 1.17 0.00	25.24 1.16 0.00	24.61 1.10 0.00	24.23 0.84 0.00	23.36 0.70 0.00	24.70 0.88 0.00	26.18 0.79 0.00	28.65 0.78 0.00	31.43 0.85 0.00	33.91 0.89 0.00	35.50 0.73 0.00	38.30 0.86 0.00	41.80 1.06 0.00	48.75 1.28 0.00	53.56 1.51 0.00	57.87 1.74 0.00	52.32 1.57 0.00	47.54 1.38 0.00	39.76 1.20 0.00	35.05 0.99 0.00	32.22 1.09 0.00
SELKIRK___II 23799	30.19 0.99 0.00	27.29 0.95 0.00	25.86 1.02 0.00	25.47 1.03 0.00	25.10 1.01 0.00	24.47 0.96 0.00	24.12 0.73 0.00	23.27 0.61 0.00	24.68 0.86 0.00	26.21 0.81 0.00	28.70 0.84 0.00	31.53 0.95 0.00	34.01 0.99 0.00	35.46 0.70 0.00	38.19 0.75 0.00	41.68 0.94 0.00	48.56 1.09 0.00	53.24 1.20 0.00	57.42 1.29 0.00	51.81 1.07 0.00	47.08 0.92 0.00	39.41 0.85 0.00	34.74 0.68 0.00	32.06 0.93 0.00
SENECA OSWGO___HYD 24041	30.26 -0.38 -1.44	26.44 -0.37 -0.47	24.47 -0.37 0.00	24.06 -0.39 0.00	23.68 -0.41 0.00	23.10 -0.40 0.00	22.92 -0.47 0.00	22.20 -0.45 0.00	23.37 -0.45 0.00	25.15 -0.41 -0.16	28.09 -0.45 -0.67	31.69 -0.43 -1.54	33.98 -0.39 -1.36	35.65 -0.38 -1.27	38.82 -0.41 -1.79	42.71 -0.53 -2.50	50.77 -0.66 -3.97	56.28 -0.78 -5.01	62.36 -0.79 -7.02	56.08 -0.66 -5.99	49.15 -0.55 -3.54	40.32 -0.39 -2.14	35.17 -0.27 -1.38	32.96 -0.25 -2.08
SENECA___115KV_TB3 355854	29.05 -0.15 0.00	26.03 -0.32 0.00	24.65 -0.20 0.00	24.06 -0.39 0.00	23.65 -0.43 0.00	23.13 -0.38 0.00	22.83 -0.56 0.00	21.89 -0.77 0.00	23.15 -0.67 0.00	24.94 -0.46 0.00	27.48 -0.39 0.00	30.15 -0.43 0.00	32.99 -0.03 0.00	34.83 0.07 0.00	37.40 -0.04 0.00	40.41 -0.33 0.00	47.32 -0.14 0.00	50.59 -1.46 0.00	54.89 -1.23 0.00	50.04 -0.71 0.00	45.15 -1.02 0.00	38.37 -0.19 0.00	34.06 0.00 0.00	30.79 -0.34 0.00
SENECA___ENERGY 23797	29.83 0.06 -0.57	26.50 -0.03 -0.19	24.80 -0.05 0.00	24.30 -0.15 0.00	23.92 -0.17 0.00	23.34 -0.16 0.00	23.13 -0.26 0.00	22.39 -0.27 0.00	23.58 -0.24 0.00	25.33 -0.13 -0.07	28.05 -0.08 -0.27	31.16 -0.03 -0.61	33.66 0.10 -0.54	35.45 0.17 -0.51	38.38 0.23 -0.71	41.90 0.16 -1.00	49.24 0.19 -1.58	54.14 0.10 -1.99	59.14 0.23 -2.79	53.44 0.31 -2.38	47.89 0.33 -1.41	39.61 0.19 -0.85	34.99 0.38 -0.55	32.27 0.31 -0.83
SHOEMAKER___GT 23640	31.04 1.84 0.00	28.00 1.66 0.00	26.34 1.49 0.00	25.86 1.42 0.00	25.46 1.37 0.00	24.80 1.29 0.00	24.44 1.05 0.00	23.65 1.00 0.00	25.18 1.36 0.00	26.95 1.55 0.00	29.57 1.70 0.00	32.56 1.99 0.00	35.10 2.08 0.00	37.02 2.26 0.00	39.80 2.36 0.00	43.31 2.57 0.00	50.55 3.08 0.00	55.33 3.28 0.00	59.61 3.48 0.00	53.69 2.94 0.00	48.74 2.58 0.00	40.84 2.27 0.00	36.04 1.97 0.00	32.93 1.80 0.00
SHOEMAKR_138KV_BK 111 55601	31.07 1.87 0.00	28.00 1.66 0.00	26.34 1.49 0.00	25.84 1.39 0.00	25.46 1.37 0.00	24.82 1.32 0.00	24.47 1.08 0.00	23.63 0.97 0.00	25.18 1.36 0.00	26.97 1.57 0.00	29.62 1.76 0.00	32.60 2.02 0.00	35.10 2.08 0.00	36.99 2.22 0.00	39.76 2.32 0.00	43.26 2.53 0.00	50.41 2.94 0.00	55.22 3.17 0.00	59.44 3.31 0.00	53.54 2.79 0.00	48.70 2.54 0.00	40.65 2.08 0.00	35.94 1.87 0.00	32.97 1.84 0.00
SHOREHAM_IC_1 23715	36.82 3.30 -4.32	35.74 2.85 -6.55	33.39 2.48 -6.06	31.05 2.35 -4.26	27.28 2.31 -0.88	27.95 2.19 -2.26	25.28 1.89 0.00	24.47 1.81 0.00	31.95 2.48 -5.66	35.53 2.82 -7.31	38.42 3.29 -7.27	64.07 3.82 -29.67	45.46 3.96 -8.48	127.86 4.42 -88.68	139.23 4.60 -97.19	143.08 4.93 -97.42	150.70 5.93 -97.30	150.69 6.30 -92.35	143.07 6.68 -80.27	121.26 5.58 -64.94	54.30 4.80 -3.34	62.77 4.28 -19.93	40.89 3.54 -3.29	38.58 3.27 -4.18
SHOREHAM_IC_2 23716	36.82 3.30 -4.32	35.74 2.85 -6.55	33.39 2.48 -6.06	31.05 2.35 -4.26	27.28 2.31 -0.88	27.95 2.19 -2.26	25.28 1.89 0.00	24.47 1.81 0.00	31.95 2.48 -5.66	35.53 2.82 -7.31	38.42 3.29 -7.27	64.07 3.82 -29.67	45.46 3.96 -8.48	127.86 4.42 -88.68	139.23 4.60 -97.19	143.08 4.93 -97.42	150.70 5.93 -97.30	150.69 6.30 -92.35	143.07 6.68 -80.27	121.26 5.58 -64.94	54.30 4.80 -3.34	62.77 4.28 -19.93	40.89 3.54 -3.29	38.58 3.27 -4.18
SISSONVILLE____ 23735	27.52 -1.81 -0.13	24.81 -1.58 -0.04	23.30 -1.54 0.00	22.93 -1.52 0.00	22.62 -1.47 0.00	22.09 -1.41 0.00	22.24 -1.15 0.00	21.75 -0.91 0.00	22.60 -1.21 0.00	24.04 -1.37 -0.02	26.40 -1.53 -0.06	28.92 -1.80 -0.14	31.29 -1.85 -0.13	32.87 -2.02 -0.12	35.47 -2.13 -0.17	38.69 -2.28 -0.23	45.36 -2.47 -0.37	50.22 -2.29 -0.46	54.36 -2.41 -0.65	49.42 -1.88 -0.55	44.87 -1.62 -0.33	37.10 -1.66 -0.20	32.62 -1.57 -0.13	29.80 -1.53 -0.19
SITHE_IND_GS1 24169	24.22 -0.82 4.16	24.22 -0.76 1.36	24.12 -0.72 0.00	23.74 -0.71 0.00	23.39 -0.70 0.00	22.80 -0.70 0.00	22.64 -0.75 0.00	21.96 -0.70 0.00	23.08 -0.74 0.00	24.16 -0.76 0.47	25.11 -0.81 1.95	25.26 -0.86 4.46	28.23 -0.86 3.93	30.18 -0.90 3.68	31.26 -0.97 5.20	32.38 -1.10 7.26	34.62 -1.33 11.52	36.01 -1.51 14.53	34.18 -1.57 20.37	32.01 -1.37 17.37	34.65 -1.24 10.27	31.32 -1.04 6.20	29.23 -0.82 4.01	24.35 -0.75 6.03
SITHE_IND_GS2 24170	24.22 -0.82 4.16	24.22 -0.76 1.36	24.12 -0.72 0.00	23.74 -0.71 0.00	23.39 -0.70 0.00	22.80 -0.70 0.00	22.64 -0.75 0.00	21.96 -0.70 0.00	23.08 -0.74 0.00	24.16 -0.76 0.47	25.11 -0.81 1.95	25.26 -0.86 4.46	28.23 -0.86 3.93	30.18 -0.90 3.68	31.26 -0.97 5.20	32.38 -1.10 7.26	34.62 -1.33 11.52	36.01 -1.51 14.53	34.18 -1.57 20.37	32.01 -1.37 17.37	34.65 -1.24 10.27	31.32 -1.04 6.20	29.23 -0.82 4.01	24.35 -0.75 6.03
SITHE_IND_GS3 24171	24.22 -0.82 4.16	24.22 -0.76 1.36	24.12 -0.72 0.00	23.74 -0.71 0.00	23.39 -0.70 0.00	22.80 -0.70 0.00	22.64 -0.75 0.00	21.96 -0.70 0.00	23.08 -0.74 0.00	24.16 -0.76 0.47	25.11 -0.81 1.95	25.26 -0.86 4.46	28.23 -0.86 3.93	30.18 -0.90 3.68	31.26 -0.97 5.20	32.38 -1.10 7.26	34.62 -1.33 11.52	36.01 -1.51 14.53	34.18 -1.57 20.37	32.01 -1.37 17.37	34.65 -1.24 10.27	31.32 -1.04 6.20	29.23 -0.82 4.01	24.35 -0.75 6.03
SITHE_IND_GS4 24172	24.22 -0.82 4.16	24.22 -0.76 1.36	24.12 -0.72 0.00	23.74 -0.71 0.00	23.39 -0.70 0.00	22.80 -0.70 0.00	22.64 -0.75 0.00	21.96 -0.70 0.00	23.08 -0.74 0.00	24.16 -0.76 0.47	25.11 -0.81 1.95	25.26 -0.86 4.46	28.23 -0.86 3.93	30.18 -0.90 3.68	31.26 -0.97 5.20	32.38 -1.10 7.26	34.62 -1.33 11.52	36.01 -1.51 14.53	34.18 -1.57 20.37	32.01 -1.37 17.37	34.65 -1.24 10.27	31.32 -1.04 6.20	29.23 -0.82 4.01	24.35 -0.75 6.03
SITHE___BATAVIA 24024	29.38 0.18 0.00	26.27 -0.08 0.00	24.82 -0.02 0.00	24.23 -0.22 0.00	23.80 -0.29 0.00	23.32 -0.19 0.00	23.04 -0.35 0.00	22.14 -0.52 0.00	23.27 -0.55 0.00	25.09 -0.30 0.00	27.56 -0.31 0.00	30.24 -0.34 0.00	33.08 0.07 0.00	34.98 0.21 0.00	37.70 0.26 0.00	40.70 -0.04 0.00	47.37 -0.09 0.00	51.48 -0.57 0.00	55.56 -0.56 0.00	50.90 0.15 0.00	46.25 0.09 0.00	38.37 -0.19 0.00	34.44 0.38 0.00	31.69 0.56 0.00

SITHE___INDEPEND 23800	24.22 -0.82 4.16	24.22 -0.76 1.36	24.12 -0.72 0.00	23.74 -0.71 0.00	23.39 -0.70 0.00	22.80 -0.71 0.00	22.66 -0.73 0.00	21.93 -0.73 0.00	23.08 -0.74 0.00	24.16 -0.76 0.47	25.09 -0.84 1.95	25.26 -0.86 4.46	28.23 -0.86 3.93	30.18 -0.90 3.68	31.26 -0.97 5.20	32.38 -1.10 7.26	34.71 -1.23 11.52	36.06 -1.46 14.53	34.24 -1.52 20.37	32.00 -1.37 17.37	34.65 -1.25 10.27	31.44 -0.93 6.20	29.23 -0.82 4.01	24.29 -0.81 6.03
SITHE___MASSENA 23902	28.12 -1.08 0.00	25.42 -0.92 0.00	23.93 -0.92 0.00	23.54 -0.90 0.00	23.24 -0.84 0.00	22.71 -0.80 0.00	22.90 -0.49 0.00	22.29 -0.36 0.00	23.20 -0.62 0.00	24.63 -0.76 0.00	27.00 -0.86 0.00	29.54 -1.04 0.00	31.90 -1.12 0.00	33.52 -1.25 0.00	36.13 -1.31 0.00	39.39 -1.34 0.00	46.04 -1.42 0.00	50.59 -1.46 0.00	54.61 -1.51 0.00	49.53 -1.22 0.00	45.15 -1.02 0.00	37.48 -1.08 0.00	33.04 -1.02 0.00	30.13 -1.00 0.00
SITHE___OGDNSBRG 24021	28.12 -1.08 0.00	25.42 -0.92 0.00	23.93 -0.92 0.00	23.52 -0.93 0.00	23.17 -0.92 0.00	22.64 -0.87 0.00	22.80 -0.58 0.00	22.27 -0.39 0.00	23.06 -0.76 0.00	24.48 -0.91 0.00	26.84 -1.03 0.00	29.32 -1.25 0.00	31.73 -1.29 0.00	33.37 -1.39 0.00	35.94 -1.50 0.00	39.15 -1.59 0.00	45.85 -1.61 0.00	50.69 -1.35 0.00	54.89 -1.23 0.00	49.99 -0.76 0.00	45.61 -0.55 0.00	37.75 -0.81 0.00	33.25 -0.82 0.00	30.26 -0.87 0.00
SITHE___STERLING 23777	30.34 0.91 -0.23	27.24 0.82 -0.08	25.59 0.74 0.00	25.13 0.68 0.00	24.69 0.60 0.00	24.09 0.59 0.00	23.88 0.49 0.00	23.11 0.45 0.00	24.32 0.50 0.00	26.03 0.61 -0.03	28.68 0.70 -0.11	31.66 0.83 -0.25	34.20 0.96 -0.22	36.02 1.04 -0.21	38.89 1.16 -0.29	42.33 1.18 -0.41	49.40 1.28 -0.65	54.74 1.87 -0.82	59.46 2.19 -1.15	53.81 2.08 -0.98	48.68 1.94 -0.58	40.46 1.54 -0.35	35.65 1.36 -0.23	32.62 1.15 -0.34
SLEIGHT___34_KV_TB1 80719	29.18 -0.18 -0.16	26.13 -0.26 -0.05	24.57 -0.27 0.00	24.08 -0.37 0.00	23.68 -0.41 0.00	23.11 -0.40 0.00	22.92 -0.47 0.00	22.16 -0.50 0.00	23.37 -0.45 0.00	25.11 -0.30 -0.02	27.66 -0.28 -0.07	30.53 -0.21 -0.17	33.17 0.00 -0.15	35.01 0.10 -0.14	37.78 0.15 -0.20	41.10 0.08 -0.28	48.19 0.28 -0.44	52.39 -0.21 -0.55	56.85 -0.06 -0.78	51.51 0.10 -0.66	46.46 -0.09 -0.39	39.03 0.23 -0.24	34.42 0.20 -0.15	31.30 -0.06 -0.23
SOUTH CAIRO___GT 23612	31.27 2.07 0.00	28.32 1.98 0.00	26.86 2.01 0.00	26.43 1.98 0.00	26.02 1.93 0.00	25.46 1.95 0.00	25.14 1.75 0.00	24.13 1.47 0.00	25.32 1.50 0.00	26.64 1.24 0.00	29.15 1.28 0.00	31.92 1.35 0.00	34.80 1.78 0.00	36.68 1.91 0.00	39.72 2.28 0.00	43.51 2.77 0.00	51.07 3.61 0.00	56.42 4.37 0.00	61.12 5.00 0.00	55.42 4.67 0.00	50.32 4.15 0.00	41.80 3.24 0.00	36.72 2.66 0.00	33.34 2.21 0.00
SOUTH HAMPTN___IC 23720	37.31 3.79 -4.32	36.14 3.24 -6.55	33.71 2.81 -6.06	31.37 2.67 -4.26	27.59 2.63 -0.88	28.25 2.49 -2.26	25.59 2.20 0.00	24.77 2.11 0.00	32.33 2.86 -5.66	36.01 3.30 -7.31	39.06 3.93 -7.27	64.08 4.65 -28.85	46.37 4.86 -8.50	125.52 5.35 -85.41	136.56 5.65 -93.47	140.36 6.03 -93.59	148.10 7.21 -93.42	148.30 7.60 -88.65	141.19 8.03 -77.04	119.65 6.70 -62.20	55.08 5.72 -3.20	62.83 5.05 -19.22	41.47 4.12 -3.29	39.08 3.77 -4.18
SOUTHDOW___115KV_TB1 355954	29.81 0.61 0.00	26.74 0.40 0.00	25.39 0.55 0.00	24.77 0.32 0.00	24.35 0.26 0.00	23.83 0.33 0.00	23.58 0.19 0.00	22.66 0.00 0.00	24.03 0.21 0.00	25.93 0.53 0.00	28.59 0.72 0.00	31.43 0.86 0.00	34.37 1.35 0.00	36.33 1.56 0.00	38.82 1.39 0.00	41.96 1.22 0.00	48.98 1.52 0.00	52.41 0.36 0.00	56.97 0.84 0.00	51.86 1.12 0.00	46.85 0.69 0.00	39.68 1.12 0.00	35.29 1.23 0.00	31.84 0.72 0.00
SOUTHOLD_69_KV_BK 2 55809	37.66 4.15 -4.32	36.40 3.50 -6.55	33.91 3.01 -6.06	31.57 2.86 -4.26	27.76 2.79 -0.88	28.44 2.68 -2.26	25.78 2.39 0.00	24.90 2.24 0.00	32.57 3.10 -5.66	36.34 3.63 -7.31	39.62 4.49 -7.27	64.76 5.32 -28.86	47.13 5.61 -8.50	126.33 6.12 -85.45	137.43 6.48 -93.51	141.30 6.93 -93.64	149.10 8.16 -93.47	149.33 8.59 -88.70	142.18 8.98 -77.08	120.55 7.56 -62.24	56.05 6.69 -3.20	63.26 5.48 -19.23	41.81 4.46 -3.29	39.48 4.17 -4.18
SOUTHOLD___IC 23719	37.63 4.12 -4.32	36.40 3.50 -6.55	33.91 3.00 -6.06	31.56 2.86 -4.26	27.76 2.79 -0.88	28.42 2.66 -2.26	25.73 2.34 0.00	24.95 2.29 0.00	32.60 3.12 -5.66	36.34 3.63 -7.31	39.59 4.46 -7.27	64.76 5.32 -28.86	47.13 5.61 -8.50	126.44 6.22 -85.45	137.54 6.59 -93.51	141.43 7.05 -93.64	149.34 8.40 -93.47	149.49 8.74 -88.70	142.41 9.21 -77.08	120.65 7.66 -62.24	55.87 6.51 -3.20	63.50 5.71 -19.23	41.92 4.57 -3.29	39.45 4.14 -4.18
SOUTH_FORK_WT_PWR 323839	37.40 3.88 -4.32	36.19 3.29 -6.55	33.71 2.81 -6.06	31.37 2.67 -4.26	27.55 2.58 -0.88	28.23 2.47 -2.26	25.54 2.15 0.00	24.77 2.11 0.00	32.43 2.95 -5.66	36.16 3.45 -7.31	39.42 4.29 -7.27	64.61 5.17 -28.86	46.96 5.45 -8.50	126.24 6.05 -85.43	137.32 6.40 -93.49	141.19 6.84 -93.61	149.03 8.11 -93.45	149.15 8.43 -88.67	141.99 8.81 -77.05	120.28 7.31 -62.22	55.50 6.14 -3.20	63.18 5.40 -19.22	41.61 4.26 -3.29	39.17 3.86 -4.18
SPIERFLS_115KV_TB 1 80737	30.98 1.78 0.00	28.00 1.66 0.00	26.31 1.47 0.00	25.84 1.39 0.00	25.41 1.32 0.00	24.84 1.34 0.00	24.49 1.10 0.00	23.63 0.97 0.00	25.11 1.29 0.00	26.82 1.42 0.00	29.26 1.39 0.00	32.11 1.53 0.00	34.74 1.72 0.00	36.40 1.63 0.00	39.31 1.87 0.00	42.86 2.12 0.00	49.93 2.47 0.00	54.96 2.91 0.00	60.00 3.87 0.00	54.30 3.55 0.00	49.62 3.46 0.00	41.30 2.74 0.00	36.24 2.18 0.00	33.03 1.90 0.00
ST LAWRENCE____ 23600	28.21 -0.99 0.00	25.48 -0.87 0.00	24.00 -0.84 0.00	23.62 -0.83 0.00	23.32 -0.77 0.00	22.78 -0.73 0.00	22.94 -0.45 0.00	22.29 -0.36 0.00	23.22 -0.59 0.00	24.66 -0.74 0.00	27.06 -0.81 0.00	29.60 -0.98 0.00	31.96 -1.06 0.00	33.58 -1.18 0.00	36.20 -1.23 0.00	39.43 -1.31 0.00	46.04 -1.42 0.00	50.59 -1.46 0.00	54.55 -1.57 0.00	49.43 -1.32 0.00	45.01 -1.15 0.00	37.44 -1.12 0.00	33.01 -1.06 0.00	30.13 -1.00 0.00
STATE_CA_115KV_115_LB 55624	30.28 1.08 0.00	27.40 1.05 0.00	26.01 1.17 0.00	25.60 1.15 0.00	25.22 1.13 0.00	24.61 1.10 0.00	24.40 1.01 0.00	23.52 0.86 0.00	24.96 1.14 0.00	26.34 0.94 0.00	28.84 0.98 0.00	31.65 1.07 0.00	34.17 1.16 0.00	35.98 1.22 0.00	38.78 1.35 0.00	42.33 1.59 0.00	49.27 1.80 0.00	54.08 2.03 0.00	58.26 2.13 0.00	52.62 1.88 0.00	47.82 1.66 0.00	39.91 1.35 0.00	35.22 1.16 0.00	32.25 1.12 0.00
STATE_ST_34_KV_LOAD 55959	30.13 0.26 -0.66	26.74 0.18 -0.22	24.99 0.15 0.00	24.52 0.07 0.00	24.14 0.05 0.00	23.55 0.05 0.00	23.34 -0.05 0.00	22.59 -0.07 0.00	23.84 0.02 0.00	25.60 0.13 -0.08	28.37 0.20 -0.31	31.59 0.31 -0.71	34.11 0.46 -0.63	35.91 0.56 -0.59	38.90 0.64 -0.83	42.50 0.61 -1.15	50.06 0.76 -1.83	55.03 0.68 -2.31	60.26 0.90 -3.24	54.37 0.86 -2.76	48.53 0.74 -1.63	40.32 0.77 -0.99	35.38 0.68 -0.64	32.56 0.47 -0.96

STATION 5_MISC_HYD 23604	29.14 -0.06 0.00	26.11 -0.24 0.00	24.65 -0.20 0.00	24.11 -0.34 0.00	23.73 -0.36 0.00	23.13 -0.38 0.00	22.92 -0.47 0.00	22.16 -0.50 0.00	23.32 -0.50 0.00	25.09 -0.30 0.00	27.59 -0.28 0.00	30.33 -0.25 0.00	33.02 0.00 0.00	34.90 0.14 0.00	37.55 0.11 0.00	40.70 -0.04 0.00	47.32 -0.14 0.00	51.58 -0.47 0.00	55.56 -0.56 0.00	50.65 -0.10 0.00	46.02 -0.14 0.00	38.30 -0.27 0.00	34.20 0.14 0.00	31.35 0.22 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	29.54 0.18 -0.17	26.45 0.05 -0.06	24.87 0.02 0.00	24.35 -0.10 0.00	23.97 -0.12 0.00	23.39 -0.12 0.00	23.20 -0.19 0.00	22.41 -0.25 0.00	23.60 -0.21 0.00	25.36 -0.05 -0.02	27.98 0.03 -0.08	30.88 0.12 -0.18	33.54 0.36 -0.16	35.40 0.49 -0.15	38.21 0.56 -0.21	41.56 0.53 -0.30	48.74 0.81 -0.47	53.00 0.36 -0.59	57.57 0.62 -0.83	52.21 0.76 -0.71	47.04 0.46 -0.42	39.51 0.69 -0.25	34.81 0.58 -0.16	31.65 0.28 -0.25
STA_56_34_KV_BUS2_REV_LBMP_B 345033	28.97 -0.23 0.00	26.00 -0.34 0.00	24.52 -0.32 0.00	24.01 -0.44 0.00	23.61 -0.48 0.00	23.03 -0.47 0.00	22.83 -0.56 0.00	22.05 -0.61 0.00	23.22 -0.60 0.00	24.96 -0.43 0.00	27.45 -0.42 0.00	30.21 -0.37 0.00	32.92 -0.10 0.00	34.77 0.00 0.00	37.47 0.04 0.00	40.62 -0.12 0.00	47.56 0.09 0.00	51.47 -0.57 0.00	55.73 -0.39 0.00	50.65 -0.10 0.00	45.79 -0.37 0.00	38.64 0.08 0.00	34.13 0.07 0.00	30.91 -0.22 0.00
STA_56____34_KV_BUS2 355983	28.97 -0.23 0.00	26.00 -0.34 0.00	24.52 -0.32 0.00	24.01 -0.44 0.00	23.61 -0.48 0.00	23.03 -0.47 0.00	22.83 -0.56 0.00	22.05 -0.61 0.00	23.22 -0.60 0.00	24.96 -0.43 0.00	27.45 -0.42 0.00	30.21 -0.37 0.00	32.92 -0.10 0.00	34.77 0.00 0.00	37.47 0.04 0.00	40.62 -0.12 0.00	47.56 0.09 0.00	51.47 -0.57 0.00	55.73 -0.39 0.00	50.65 -0.10 0.00	45.79 -0.37 0.00	38.64 0.08 0.00	34.13 0.07 0.00	30.91 -0.22 0.00
STA_67____115KV_BK2 355882	29.03 -0.18 0.00	26.05 -0.29 0.00	24.60 -0.25 0.00	24.06 -0.39 0.00	23.68 -0.41 0.00	23.11 -0.40 0.00	22.90 -0.49 0.00	22.07 -0.59 0.00	23.27 -0.55 0.00	24.99 -0.41 0.00	27.48 -0.39 0.00	30.24 -0.34 0.00	32.95 -0.07 0.00	34.80 0.03 0.00	37.47 0.04 0.00	40.62 -0.12 0.00	47.56 0.09 0.00	51.42 -0.62 0.00	55.68 -0.45 0.00	50.65 -0.10 0.00	45.79 -0.37 0.00	38.68 0.12 0.00	34.20 0.14 0.00	30.94 -0.19 0.00
STA_7____115KV_9TRANS 80674	29.26 0.06 0.00	26.24 -0.11 0.00	24.77 -0.07 0.00	24.23 -0.22 0.00	23.82 -0.26 0.00	23.25 -0.26 0.00	23.04 -0.35 0.00	22.20 -0.45 0.00	23.41 -0.40 0.00	25.17 -0.23 0.00	27.70 -0.17 0.00	30.52 -0.06 0.00	33.25 0.23 0.00	35.15 0.38 0.00	37.85 0.41 0.00	41.06 0.33 0.00	48.08 0.62 0.00	51.99 -0.05 0.00	56.24 0.11 0.00	51.20 0.46 0.00	46.30 0.14 0.00	39.10 0.54 0.00	34.51 0.44 0.00	31.22 0.09 0.00
STA_82____115KV_TB1 80780	29.03 -0.18 0.00	26.08 -0.26 0.00	24.60 -0.25 0.00	24.08 -0.37 0.00	23.68 -0.41 0.00	23.11 -0.40 0.00	22.90 -0.49 0.00	22.07 -0.59 0.00	23.27 -0.55 0.00	25.02 -0.38 0.00	27.51 -0.36 0.00	30.24 -0.34 0.00	32.95 -0.07 0.00	34.80 0.03 0.00	37.47 0.04 0.00	40.62 -0.12 0.00	47.61 0.14 0.00	51.42 -0.62 0.00	55.73 -0.39 0.00	50.65 -0.10 0.00	45.84 -0.32 0.00	38.72 0.15 0.00	34.20 0.14 0.00	30.97 -0.16 0.00
STEEL____WIND 323596	29.08 -0.12 0.00	26.00 -0.34 0.00	24.60 -0.25 0.00	24.01 -0.44 0.00	23.61 -0.48 0.00	23.08 -0.42 0.00	22.81 -0.58 0.00	21.96 -0.70 0.00	23.15 -0.67 0.00	24.99 -0.41 0.00	27.48 -0.39 0.00	30.12 -0.46 0.00	32.95 -0.07 0.00	34.80 0.03 0.00	37.40 -0.04 0.00	40.29 -0.45 0.00	46.70 -0.76 0.00	50.54 -1.51 0.00	54.39 -1.74 0.00	49.78 -0.97 0.00	45.24 -0.92 0.00	37.56 -1.00 0.00	33.93 -0.14 0.00	31.25 0.13 0.00
STEPHTWN_115KV_BK_2 55603	30.49 1.28 0.00	27.53 1.19 0.00	26.14 1.29 0.00	25.69 1.25 0.00	25.32 1.23 0.00	24.73 1.22 0.00	24.51 1.12 0.00	23.63 0.97 0.00	25.08 1.26 0.00	26.49 1.09 0.00	29.01 1.14 0.00	31.83 1.25 0.00	34.37 1.35 0.00	36.19 1.43 0.00	39.05 1.61 0.00	42.57 1.83 0.00	49.60 2.14 0.00	54.49 2.45 0.00	58.76 2.64 0.00	53.03 2.28 0.00	48.24 2.08 0.00	40.22 1.66 0.00	35.43 1.36 0.00	32.41 1.28 0.00
STEUBEN_REC_LFGE 323667	30.11 0.70 -0.21	26.94 0.53 -0.07	25.32 0.47 0.00	24.77 0.32 0.00	24.35 0.26 0.00	23.81 0.31 0.00	23.60 0.21 0.00	22.70 0.05 0.00	23.99 0.17 0.00	25.78 0.36 -0.02	28.41 0.45 -0.10	31.39 0.58 -0.23	34.18 0.96 -0.20	36.07 1.11 -0.19	38.83 1.12 -0.27	42.05 0.94 -0.37	49.29 1.23 -0.59	53.41 0.62 -0.74	58.29 1.12 -1.04	52.95 1.32 -0.89	47.70 1.02 -0.52	40.15 1.27 -0.32	35.66 1.40 -0.20	32.34 0.90 -0.31
STILLWATER____SOLAR 323814	31.04 1.84 0.00	28.06 1.71 0.00	26.41 1.57 0.00	25.96 1.52 0.00	25.56 1.47 0.00	24.94 1.43 0.00	24.54 1.15 0.00	23.70 1.04 0.00	25.15 1.33 0.00	26.84 1.45 0.00	29.40 1.53 0.00	32.29 1.71 0.00	34.87 1.85 0.00	36.68 1.91 0.00	39.57 2.13 0.00	43.18 2.44 0.00	50.31 2.85 0.00	55.22 3.18 0.00	59.89 3.76 0.00	54.15 3.40 0.00	49.25 3.09 0.00	41.15 2.58 0.00	36.18 2.11 0.00	33.00 1.87 0.00
STONY____BROOK 24151	36.96 3.44 -4.32	35.90 3.00 -6.55	33.56 2.66 -6.06	31.22 2.52 -4.26	27.47 2.51 -0.88	28.13 2.37 -2.26	25.45 2.06 0.00	24.65 1.99 0.00	32.12 2.64 -5.66	35.68 2.97 -7.31	38.50 3.37 -7.27	68.52 3.82 -34.12	45.31 3.89 -8.40	145.56 4.24 -106.56	159.33 4.38 -117.52	163.77 4.72 -118.31	171.60 5.65 -118.48	170.57 5.98 -112.54	160.43 6.34 -97.96	135.98 5.38 -79.86	54.84 4.57 -4.11	66.45 4.09 -23.80	40.96 3.61 -3.29	38.68 3.36 -4.18
STURGEON_POOL_HYD 23609	31.48 2.28 0.00	28.35 2.00 0.00	26.58 1.74 0.00	26.11 1.66 0.00	25.73 1.64 0.00	25.06 1.55 0.00	24.63 1.24 0.00	23.79 1.13 0.00	25.37 1.55 0.00	27.30 1.90 0.00	30.04 2.17 0.00	33.12 2.54 0.00	35.69 2.67 0.00	37.58 2.82 0.00	40.39 2.96 0.00	43.92 3.18 0.00	51.22 3.75 0.00	56.05 4.01 0.00	60.22 4.10 0.00	54.15 3.40 0.00	49.21 3.05 0.00	41.11 2.55 0.00	36.38 2.32 0.00	33.40 2.27 0.00
ST_LAW_115_BK7_LBMP 345037	28.12 -1.08 0.00	25.40 -0.95 0.00	23.93 -0.92 0.00	23.54 -0.90 0.00	23.24 -0.84 0.00	22.71 -0.80 0.00	22.87 -0.51 0.00	22.25 -0.41 0.00	23.15 -0.67 0.00	24.61 -0.79 0.00	26.98 -0.89 0.00	29.51 -1.07 0.00	31.86 -1.16 0.00	33.48 -1.29 0.00	36.09 -1.35 0.00	39.31 -1.43 0.00	45.90 -1.57 0.00	50.43 -1.61 0.00	54.44 -1.68 0.00	49.33 -1.42 0.00	44.92 -1.24 0.00	37.37 -1.20 0.00	32.94 -1.12 0.00	30.07 -1.06 0.00
ST_LAW_115_BK8_LBMP 345038	28.12 -1.08 0.00	25.40 -0.95 0.00	23.93 -0.92 0.00	23.54 -0.90 0.00	23.24 -0.84 0.00	22.71 -0.80 0.00	22.87 -0.51 0.00	22.25 -0.41 0.00	23.15 -0.67 0.00	24.61 -0.79 0.00	26.98 -0.89 0.00	29.51 -1.07 0.00	31.86 -1.16 0.00	33.48 -1.29 0.00	36.09 -1.35 0.00	39.31 -1.43 0.00	45.90 -1.57 0.00	50.43 -1.61 0.00	54.44 -1.68 0.00	49.33 -1.42 0.00	44.92 -1.24 0.00	37.37 -1.20 0.00	32.94 -1.12 0.00	30.07 -1.06 0.00

ST_LAW_230_BK5_LBMP 345035	28.21 -0.99 0.00	25.48 -0.87 0.00	24.00 -0.84 0.00	23.62 -0.83 0.00	23.32 -0.77 0.00	22.78 -0.73 0.00	22.94 -0.45 0.00	22.29 -0.36 0.00	23.22 -0.59 0.00	24.66 -0.74 0.00	27.06 -0.81 0.00	29.60 -0.98 0.00	31.96 -1.06 0.00	33.58 -1.18 0.00	36.20 -1.23 0.00	39.43 -1.31 0.00	46.04 -1.42 0.00	50.59 -1.46 0.00	54.55 -1.57 0.00	49.43 -1.32 0.00	45.01 -1.15 0.00	37.44 -1.12 0.00	33.01 -1.06 0.00	30.13 -1.00 0.00
ST_LAW_230_BK6_LBMP 345036	28.21 -0.99 0.00	25.48 -0.87 0.00	24.00 -0.84 0.00	23.62 -0.83 0.00	23.32 -0.77 0.00	22.78 -0.73 0.00	22.94 -0.45 0.00	22.29 -0.36 0.00	23.22 -0.59 0.00	24.66 -0.74 0.00	27.06 -0.81 0.00	29.60 -0.98 0.00	31.96 -1.06 0.00	33.58 -1.18 0.00	36.20 -1.23 0.00	39.43 -1.31 0.00	46.04 -1.42 0.00	50.59 -1.46 0.00	54.55 -1.57 0.00	49.43 -1.32 0.00	45.01 -1.15 0.00	37.44 -1.12 0.00	33.01 -1.06 0.00	30.13 -1.00 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	31.30 2.10 0.00	28.21 1.87 0.00	26.51 1.66 0.00	26.01 1.56 0.00	25.63 1.54 0.00	24.96 1.46 0.00	24.61 1.22 0.00	23.79 1.13 0.00	25.39 1.57 0.00	27.22 1.83 0.00	29.90 2.03 0.00	32.93 2.35 0.00	35.46 2.44 0.00	37.34 2.57 0.00	40.13 2.70 0.00	43.63 2.89 0.00	50.84 3.37 0.00	55.69 3.64 0.00	59.83 3.70 0.00	53.84 3.10 0.00	48.98 2.82 0.00	40.88 2.31 0.00	36.14 2.08 0.00	33.21 2.09 0.00
SWANROAD_115KV_TB1 355699	28.09 -1.11 0.00	25.16 -1.19 0.00	24.00 -0.84 0.00	23.42 -1.03 0.00	23.03 -1.06 0.00	22.49 -1.01 0.00	22.06 -1.33 0.00	21.12 -1.54 0.00	22.32 -1.50 0.00	24.00 -1.40 0.00	26.42 -1.45 0.00	28.96 -1.62 0.00	31.70 -1.32 0.00	33.44 -1.32 0.00	35.94 -1.50 0.00	38.78 -1.96 0.00	45.57 -1.90 0.00	48.61 -3.44 0.00	52.76 -3.37 0.00	48.16 -2.59 0.00	43.39 -2.77 0.00	36.98 -1.58 0.00	32.84 -1.23 0.00	29.67 -1.46 0.00
SYNERGY___BIOGAS 323694	29.38 0.18 0.00	26.27 -0.08 0.00	24.82 -0.02 0.00	24.23 -0.22 0.00	23.80 -0.29 0.00	23.32 -0.19 0.00	23.04 -0.35 0.00	22.14 -0.52 0.00	23.27 -0.55 0.00	25.09 -0.30 0.00	27.56 -0.31 0.00	30.24 -0.34 0.00	33.08 0.07 0.00	34.98 0.21 0.00	37.70 0.26 0.00	40.70 -0.04 0.00	47.37 -0.09 0.00	51.48 -0.57 0.00	55.56 -0.56 0.00	50.90 0.15 0.00	46.25 0.09 0.00	38.37 -0.19 0.00	34.44 0.38 0.00	31.69 0.56 0.00
SYRACUSE___ENERGY_ST1 323597	29.99 0.00 -0.79	26.60 0.00 -0.26	24.82 -0.02 0.00	24.37 -0.07 0.00	23.99 -0.10 0.00	23.41 -0.09 0.00	23.23 -0.16 0.00	22.50 -0.16 0.00	23.70 -0.12 0.00	25.44 -0.05 -0.09	28.24 0.00 -0.37	31.49 0.06 -0.85	33.93 0.17 -0.75	35.64 0.17 -0.70	38.65 0.22 -0.99	42.33 0.20 -1.38	49.90 0.24 -2.20	54.92 0.10 -2.77	60.18 0.17 -3.88	54.21 0.15 -3.31	48.26 0.14 -1.96	40.02 0.27 -1.18	35.10 0.27 -0.76	32.40 0.12 -1.15
SYRACUSE___ENERGY_ST2 323598	29.99 0.00 -0.79	26.60 0.00 -0.26	24.82 -0.02 0.00	24.37 -0.07 0.00	23.99 -0.10 0.00	23.41 -0.09 0.00	23.23 -0.16 0.00	22.50 -0.16 0.00	23.70 -0.12 0.00	25.44 -0.05 -0.09	28.24 0.00 -0.37	31.49 0.06 -0.85	33.93 0.17 -0.75	35.64 0.17 -0.70	38.65 0.22 -0.99	42.33 0.20 -1.38	49.90 0.24 -2.20	54.92 0.10 -2.77	60.18 0.17 -3.88	54.21 0.15 -3.31	48.26 0.14 -1.96	40.02 0.27 -1.18	35.10 0.27 -0.76	32.40 0.12 -1.15
SYRACUSE___POWER 24017	29.62 -0.12 -0.53	26.36 -0.16 -0.17	24.67 -0.17 0.00	24.25 -0.20 0.00	23.87 -0.22 0.00	23.29 -0.21 0.00	23.11 -0.28 0.00	22.39 -0.27 0.00	23.58 -0.24 0.00	25.28 -0.18 -0.06	27.98 -0.14 -0.25	31.06 -0.09 -0.57	33.52 0.00 -0.50	35.24 0.00 -0.47	38.14 0.04 -0.67	41.67 0.00 -0.93	48.94 0.00 -1.48	53.75 -0.16 -1.86	58.63 -0.11 -2.61	52.87 -0.10 -2.23	47.39 -0.09 -1.32	39.40 0.04 -0.80	34.65 0.07 -0.51	31.87 -0.03 -0.77
TALLMAN___138KV_BK151 55660	31.59 2.39 0.00	28.48 2.13 0.00	26.71 1.86 0.00	26.18 1.74 0.00	25.80 1.71 0.00	25.13 1.62 0.00	24.77 1.38 0.00	23.95 1.29 0.00	25.65 1.83 0.00	27.53 2.13 0.00	30.26 2.40 0.00	33.30 2.72 0.00	35.79 2.77 0.00	37.69 2.92 0.00	40.43 2.99 0.00	43.96 3.22 0.00	51.17 3.70 0.00	56.00 3.96 0.00	60.17 4.04 0.00	54.10 3.35 0.00	49.21 3.05 0.00	41.07 2.51 0.00	36.38 2.32 0.00	33.46 2.33 0.00
TEALLAVE_115KV_TB7 355573	29.52 -0.12 -0.43	26.35 -0.13 -0.14	24.70 -0.15 0.00	24.28 -0.17 0.00	23.90 -0.19 0.00	23.29 -0.21 0.00	23.13 -0.26 0.00	22.36 -0.29 0.00	23.58 -0.24 0.00	25.27 -0.18 -0.05	27.90 -0.17 -0.20	30.95 -0.09 -0.46	33.43 0.00 -0.41	35.11 -0.03 -0.38	37.98 0.00 -0.54	41.45 -0.04 -0.75	48.62 -0.05 -1.20	53.35 -0.21 -1.51	58.13 -0.11 -2.12	52.45 -0.10 -1.81	47.09 -0.14 -1.07	39.25 0.04 -0.64	34.55 0.07 -0.42	31.73 -0.03 -0.63
TELGRAPH_34_KV_EAST 80808	28.88 -0.32 0.00	25.87 -0.47 0.00	24.55 -0.30 0.00	23.96 -0.49 0.00	23.56 -0.53 0.00	23.01 -0.49 0.00	22.66 -0.73 0.00	21.73 -0.93 0.00	22.94 -0.88 0.00	24.69 -0.71 0.00	27.17 -0.70 0.00	29.84 -0.73 0.00	32.62 -0.40 0.00	34.49 -0.28 0.00	37.10 -0.34 0.00	40.09 -0.65 0.00	47.09 -0.38 0.00	50.43 -1.61 0.00	54.72 -1.40 0.00	49.93 -0.81 0.00	45.05 -1.11 0.00	38.29 -0.27 0.00	33.89 -0.17 0.00	30.63 -0.50 0.00
TEMPLE___115KV_TB 2 55572	29.52 -0.12 -0.43	26.35 -0.13 -0.14	24.70 -0.15 0.00	24.28 -0.17 0.00	23.90 -0.19 0.00	23.32 -0.19 0.00	23.13 -0.26 0.00	22.39 -0.27 0.00	23.60 -0.21 0.00	25.29 -0.15 -0.05	27.93 -0.14 -0.20	30.98 -0.06 -0.46	33.43 0.00 -0.41	35.15 0.00 -0.38	38.01 0.04 -0.54	41.49 0.00 -0.75	48.66 0.00 -1.20	53.40 -0.16 -1.51	58.13 -0.11 -2.11	52.45 -0.10 -1.80	47.13 -0.09 -1.07	39.25 0.04 -0.64	34.58 0.10 -0.42	31.72 -0.03 -0.63
TIANA___69_KV_BK 1 55817	37.25 3.74 -4.32	36.08 3.19 -6.55	33.69 2.78 -6.06	31.35 2.64 -4.26	27.57 2.60 -0.88	28.25 2.49 -2.26	25.59 2.20 0.00	24.70 2.04 0.00	32.26 2.79 -5.66	35.93 3.23 -7.31	38.98 3.85 -7.27	63.94 4.49 -28.86	46.20 4.69 -8.50	125.32 5.11 -85.44	136.26 5.32 -93.50	140.07 5.70 -93.63	147.67 6.74 -93.46	147.92 7.18 -88.69	140.72 7.52 -77.07	119.37 6.39 -62.23	55.13 5.77 -3.20	62.49 4.70 -19.22	41.30 3.95 -3.29	39.08 3.77 -4.18
TILDEN___115KV_TB1 80814	29.62 -0.12 -0.53	26.36 -0.16 -0.17	24.67 -0.17 0.00	24.25 -0.20 0.00	23.87 -0.22 0.00	23.29 -0.21 0.00	23.11 -0.28 0.00	22.39 -0.27 0.00	23.58 -0.24 0.00	25.28 -0.18 -0.06	27.98 -0.14 -0.25	31.06 -0.09 -0.57	33.52 0.00 -0.50	35.24 0.00 -0.47	38.14 0.04 -0.67	41.67 0.00 -0.93	48.94 0.00 -1.48	53.75 -0.16 -1.86	58.63 -0.11 -2.61	52.87 -0.10 -2.23	47.39 -0.09 -1.32	39.40 0.04 -0.80	34.65 0.07 -0.51	31.87 -0.03 -0.77
TRIGEN___CC 323695	36.55 3.04 -4.32	35.56 2.66 -6.55	33.26 2.36 -6.06	30.93 2.22 -4.26	27.16 2.19 -0.88	27.83 2.07 -2.26	25.21 1.82 0.00	24.36 1.70 0.00	31.81 2.33 -5.66	35.38 2.67 -7.31	38.17 3.04 -7.27	44.26 3.49 -10.19	45.25 3.57 -8.67	49.48 3.82 -10.89	50.10 3.93 -8.73	51.39 4.16 -6.49	57.48 4.89 -5.13	61.74 5.20 -4.49	64.76 5.33 -3.30	55.26 4.52 0.00	50.27 4.11 0.00	45.08 3.43 -3.08	40.48 3.13 -3.28	38.43 3.11 -4.18

TRINITY__115KV__4 BK 55933	30.16 0.96 0.00	27.27 0.92 0.00	25.91 1.07 0.00	25.50 1.05 0.00	25.12 1.04 0.00	24.54 1.03 0.00	24.32 0.94 0.00	23.43 0.77 0.00	24.87 1.05 0.00	26.23 0.84 0.00	28.70 0.84 0.00	31.50 0.92 0.00	33.98 0.96 0.00	35.77 1.01 0.00	38.56 1.12 0.00	42.08 1.34 0.00	48.98 1.52 0.00	53.76 1.72 0.00	57.92 1.80 0.00	52.32 1.57 0.00	47.59 1.43 0.00	39.68 1.12 0.00	35.02 0.95 0.00	32.09 0.96 0.00
UNION__PROCESSING_DRP 323587	29.05 -0.15 0.00	26.08 -0.26 0.00	24.62 -0.22 0.00	24.08 -0.37 0.00	23.68 -0.41 0.00	23.11 -0.40 0.00	22.90 -0.49 0.00	22.09 -0.57 0.00	23.27 -0.55 0.00	25.02 -0.38 0.00	27.51 -0.36 0.00	30.27 -0.31 0.00	32.95 -0.07 0.00	34.83 0.07 0.00	37.51 0.07 0.00	40.66 -0.08 0.00	47.61 0.14 0.00	51.47 -0.57 0.00	55.73 -0.39 0.00	50.70 -0.05 0.00	45.84 -0.32 0.00	38.72 0.15 0.00	34.20 0.14 0.00	30.97 -0.16 0.00
UPPER HUDSON__HYD 24058	30.98 1.78 0.00	28.00 1.66 0.00	26.31 1.47 0.00	25.84 1.39 0.00	25.41 1.32 0.00	24.82 1.32 0.00	24.47 1.08 0.00	23.63 0.97 0.00	25.10 1.29 0.00	26.82 1.42 0.00	29.26 1.39 0.00	32.11 1.53 0.00	34.73 1.72 0.00	36.40 1.63 0.00	39.31 1.87 0.00	42.86 2.12 0.00	49.98 2.51 0.00	54.96 2.91 0.00	60.00 3.87 0.00	54.30 3.55 0.00	49.58 3.42 0.00	41.34 2.78 0.00	36.25 2.18 0.00	32.96 1.84 0.00
UPPER RAQUET__HYD 24056	27.52 -1.81 -0.13	24.81 -1.58 -0.04	23.30 -1.54 0.00	22.93 -1.52 0.00	22.62 -1.47 0.00	22.12 -1.39 0.00	22.31 -1.08 0.00	21.75 -0.91 0.00	22.61 -1.21 0.00	24.04 -1.37 -0.02	26.40 -1.53 -0.06	28.92 -1.80 -0.14	31.30 -1.85 -0.13	32.87 -2.02 -0.12	35.47 -2.13 -0.17	38.73 -2.24 -0.23	45.36 -2.47 -0.37	50.22 -2.29 -0.46	54.42 -2.36 -0.65	49.42 -1.88 -0.55	44.87 -1.62 -0.33	37.14 -1.62 -0.20	32.62 -1.57 -0.13	29.80 -1.52 -0.19
VALLEY44_115KV_TB2 355964	29.20 0.00 0.00	26.21 -0.13 0.00	24.77 -0.07 0.00	24.18 -0.27 0.00	23.78 -0.31 0.00	23.25 -0.26 0.00	22.99 -0.40 0.00	22.05 -0.61 0.00	23.37 -0.45 0.00	25.14 -0.25 0.00	27.67 -0.20 0.00	30.43 -0.15 0.00	33.18 0.17 0.00	35.04 0.28 0.00	37.32 -0.11 0.00	40.37 -0.37 0.00	46.99 -0.47 0.00	50.54 -1.51 0.00	54.83 -1.29 0.00	49.88 -0.86 0.00	45.15 -1.02 0.00	38.22 -0.35 0.00	34.06 0.00 0.00	30.91 -0.22 0.00
VALLEY__115KV_TB 1-4 80826	30.08 0.88 0.00	27.13 0.79 0.00	25.61 0.77 0.00	25.18 0.73 0.00	24.76 0.67 0.00	24.19 0.68 0.00	24.00 0.61 0.00	23.20 0.54 0.00	24.46 0.64 0.00	26.11 0.71 0.00	28.68 0.81 0.00	31.46 0.89 0.00	33.98 0.96 0.00	35.77 1.01 0.00	38.52 1.09 0.00	41.88 1.14 0.00	48.65 1.19 0.00	53.56 1.51 0.00	57.81 1.68 0.00	52.27 1.52 0.00	47.50 1.34 0.00	39.72 1.16 0.00	35.12 1.06 0.00	32.09 0.96 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	31.11 1.78 -0.13	27.97 1.58 -0.04	26.34 1.49 0.00	25.91 1.47 0.00	25.46 1.37 0.00	24.82 1.32 0.00	24.54 1.15 0.00	23.68 1.02 0.00	25.06 1.24 0.00	26.88 1.47 -0.02	29.60 1.67 -0.06	32.65 1.93 -0.14	35.22 2.08 -0.12	37.14 2.26 -0.12	40.00 2.40 -0.17	43.41 2.44 -0.23	50.49 2.66 -0.37	55.79 3.28 -0.46	60.36 3.59 -0.65	54.55 3.25 -0.55	49.40 2.91 -0.33	41.19 2.43 -0.20	36.30 2.11 -0.13	33.16 1.84 -0.19
VISCHER__FERRY HYD 24020	30.66 1.46 0.00	27.71 1.37 0.00	26.19 1.34 0.00	25.74 1.29 0.00	25.34 1.25 0.00	24.70 1.20 0.00	24.33 0.94 0.00	23.50 0.84 0.00	24.96 1.14 0.00	26.56 1.17 0.00	29.09 1.22 0.00	31.96 1.38 0.00	34.47 1.45 0.00	36.26 1.49 0.00	39.08 1.65 0.00	42.73 2.00 0.00	49.74 2.28 0.00	54.54 2.50 0.00	58.93 2.81 0.00	53.23 2.49 0.00	48.38 2.22 0.00	40.45 1.89 0.00	35.63 1.57 0.00	32.53 1.40 0.00
V_A_10_SYNC_DSASP 323832	28.59 -0.61 0.00	25.61 -0.74 0.00	24.20 -0.65 0.00	23.64 -0.81 0.00	23.27 -0.82 0.00	22.71 -0.80 0.00	22.48 -0.91 0.00	21.66 -1.00 0.00	22.82 -1.00 0.00	24.58 -0.81 0.00	26.98 -0.89 0.00	29.57 -1.01 0.00	32.29 -0.73 0.00	34.07 -0.70 0.00	36.61 -0.82 0.00	39.52 -1.22 0.00	45.90 -1.57 0.00	49.81 -2.24 0.00	53.54 -2.58 0.00	49.02 -1.73 0.00	44.54 -1.62 0.00	36.98 -1.58 0.00	33.31 -0.75 0.00	30.66 -0.47 0.00
V_CMM_10_SYNC_DSASP 323787	28.24 -0.96 0.00	25.50 -0.84 0.00	24.03 -0.82 0.00	23.64 -0.81 0.00	23.34 -0.75 0.00	22.80 -0.70 0.00	22.97 -0.42 0.00	22.36 -0.30 0.00	23.27 -0.55 0.00	24.71 -0.68 0.00	27.12 -0.75 0.00	29.66 -0.92 0.00	31.99 -1.02 0.00	33.65 -1.11 0.00	36.24 -1.20 0.00	39.52 -1.22 0.00	46.14 -1.33 0.00	50.69 -1.35 0.00	54.67 -1.46 0.00	49.58 -1.17 0.00	45.15 -1.02 0.00	37.52 -1.04 0.00	33.07 -0.99 0.00	30.20 -0.93 0.00
V_CMP_10_SYNC_DSASP 323788	28.41 -0.79 0.00	25.74 -0.60 0.00	24.18 -0.67 0.00	23.79 -0.66 0.00	23.56 -0.53 0.00	23.03 -0.47 0.00	23.25 -0.14 0.00	22.70 0.05 0.00	23.68 -0.14 0.00	25.12 -0.28 0.00	27.59 -0.28 0.00	30.18 -0.40 0.00	32.56 -0.46 0.00	34.17 -0.59 0.00	36.84 -0.60 0.00	40.17 -0.57 0.00	47.08 -0.38 0.00	51.79 -0.26 0.00	55.96 -0.17 0.00	50.90 0.15 0.00	46.39 0.23 0.00	38.33 -0.23 0.00	33.72 -0.34 0.00	30.72 -0.41 0.00
V_D_10_SYNC_DSASP 323841	28.12 -1.08 0.00	25.45 -0.90 0.00	23.95 -0.89 0.00	23.57 -0.88 0.00	23.27 -0.82 0.00	22.73 -0.78 0.00	22.90 -0.49 0.00	22.32 -0.34 0.00	23.20 -0.62 0.00	24.63 -0.76 0.00	27.03 -0.84 0.00	29.57 -1.01 0.00	31.93 -1.09 0.00	33.55 -1.22 0.00	36.16 -1.27 0.00	39.39 -1.34 0.00	46.04 -1.42 0.00	50.64 -1.40 0.00	54.61 -1.51 0.00	49.58 -1.17 0.00	45.19 -0.97 0.00	37.48 -1.08 0.00	33.04 -1.02 0.00	30.16 -0.97 0.00
V_E_10_SYNC_DSASP 323830	32.22 2.72 -0.31	28.84 2.40 -0.10	27.06 2.21 0.00	26.55 2.10 0.00	25.97 1.88 0.00	25.36 1.86 0.00	25.14 1.76 0.00	24.24 1.59 0.00	25.44 1.62 0.00	27.28 1.85 -0.04	30.05 2.03 -0.14	33.23 2.32 -0.33	35.98 2.67 -0.29	37.99 2.95 -0.27	41.08 3.26 -0.38	44.57 3.30 -0.54	51.97 3.66 -0.85	58.17 5.05 -1.07	63.58 5.95 -1.51	57.76 5.73 -1.28	52.23 5.31 -0.76	43.30 4.28 -0.46	38.17 3.81 -0.30	34.78 3.21 -0.45
V_F_30_NSYNC__DSASP 323816	31.07 1.87 0.00	28.08 1.74 0.00	26.46 1.61 0.00	26.01 1.57 0.00	25.58 1.49 0.00	24.96 1.46 0.00	24.58 1.19 0.00	23.72 1.07 0.00	25.20 1.38 0.00	26.89 1.50 0.00	29.46 1.59 0.00	32.35 1.77 0.00	34.97 1.95 0.00	36.78 2.02 0.00	39.64 2.21 0.00	43.26 2.53 0.00	50.41 2.94 0.00	55.38 3.33 0.00	60.00 3.87 0.00	54.25 3.50 0.00	49.34 3.18 0.00	41.22 2.66 0.00	36.25 2.18 0.00	33.03 1.90 0.00
V_F_30_SYNC_DSASP 323786	30.28 1.08 0.00	27.40 1.05 0.00	25.99 1.14 0.00	25.60 1.15 0.00	25.22 1.13 0.00	24.61 1.10 0.00	24.40 1.01 0.00	23.52 0.86 0.00	24.96 1.14 0.00	26.34 0.94 0.00	28.84 0.98 0.00	31.65 1.07 0.00	34.17 1.16 0.00	35.98 1.22 0.00	38.78 1.35 0.00	42.33 1.59 0.00	49.27 1.80 0.00	54.08 2.03 0.00	58.26 2.13 0.00	52.62 1.88 0.00	47.82 1.66 0.00	39.91 1.35 0.00	35.19 1.12 0.00	32.22 1.09 0.00

V_XM10_SYNC_DSASP 323789	28.41 -0.79 0.00	25.74 -0.60 0.00	24.18 -0.67 0.00	23.79 -0.66 0.00	23.56 -0.53 0.00	23.03 -0.47 0.00	23.25 -0.14 0.00	22.70 0.05 0.00	23.68 -0.14 0.00	25.12 -0.28 0.00	27.59 -0.28 0.00	30.18 -0.40 0.00	32.56 -0.46 0.00	34.17 -0.59 0.00	36.84 -0.60 0.00	40.17 -0.57 0.00	47.08 -0.38 0.00	51.79 -0.26 0.00	55.96 -0.17 0.00	50.90 0.15 0.00	46.39 0.23 0.00	38.33 -0.23 0.00	33.72 -0.34 0.00	30.72 -0.41 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	31.68 2.48 0.00	28.56 2.21 0.00	26.81 1.96 0.00	26.28 1.83 0.00	25.89 1.81 0.00	25.22 1.72 0.00	24.86 1.47 0.00	24.02 1.36 0.00	25.70 1.88 0.00	27.61 2.21 0.00	30.32 2.45 0.00	33.39 2.81 0.00	35.89 2.87 0.00	37.79 3.02 0.00	40.58 3.14 0.00	44.08 3.34 0.00	51.36 3.89 0.00	56.21 4.16 0.00	60.39 4.27 0.00	54.30 3.55 0.00	49.39 3.23 0.00	41.22 2.66 0.00	36.48 2.42 0.00	33.56 2.43 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	32.03 2.83 0.00	28.82 2.48 0.00	27.01 2.16 0.00	26.45 2.00 0.00	26.06 1.98 0.00	25.36 1.86 0.00	25.00 1.61 0.00	24.20 1.54 0.00	25.99 2.17 0.00	27.94 2.54 0.00	30.71 2.84 0.00	35.10 3.30 -1.22	36.39 3.37 0.00	38.42 3.65 -0.01	41.14 3.71 0.00	44.61 3.87 0.00	52.02 4.56 0.00	56.89 4.84 0.00	61.01 4.88 0.00	54.86 4.11 0.00	49.90 3.74 0.00	41.65 3.09 0.00	36.96 2.90 0.00	34.02 2.89 0.00
W50THST__13_KV_LOAD 356117	32.18 2.98 0.00	28.98 2.63 0.00	27.16 2.31 0.00	26.60 2.15 0.00	26.21 2.12 0.00	25.53 2.02 0.00	25.17 1.78 0.00	24.33 1.68 0.00	26.15 2.33 0.00	28.11 2.72 0.00	30.88 3.01 0.00	35.32 3.52 -1.22	36.58 3.57 0.00	38.70 3.93 -0.01	41.40 3.97 0.00	44.93 4.20 0.00	52.40 4.94 0.00	57.30 5.26 0.00	61.46 5.33 0.00	55.21 4.47 0.00	50.27 4.11 0.00	41.96 3.39 0.00	37.20 3.13 0.00	34.21 3.08 0.00
WADING RIVER_IC_1 23522	36.79 3.27 -4.32	35.72 2.82 -6.55	33.34 2.44 -6.06	31.03 2.32 -4.26	27.26 2.29 -0.88	27.92 2.16 -2.26	25.24 1.85 0.00	24.45 1.79 0.00	31.93 2.45 -5.66	35.50 2.79 -7.31	38.42 3.29 -7.27	63.21 3.82 -28.81	45.48 3.96 -8.50	124.36 4.38 -85.21	135.21 4.53 -93.24	138.99 4.89 -93.36	146.54 5.88 -93.19	146.67 6.19 -88.43	139.53 6.56 -76.84	118.27 5.48 -62.04	54.06 4.71 -3.19	61.94 4.20 -19.17	40.86 3.51 -3.29	38.55 3.24 -4.18
WADING RIVER_IC_2 23547	36.79 3.27 -4.32	35.72 2.82 -6.55	33.34 2.44 -6.06	31.03 2.32 -4.26	27.26 2.29 -0.88	27.92 2.16 -2.26	25.24 1.85 0.00	24.45 1.79 0.00	31.93 2.45 -5.66	35.50 2.79 -7.31	38.42 3.29 -7.27	63.21 3.82 -28.81	45.48 3.96 -8.50	124.36 4.38 -85.21	135.21 4.53 -93.24	138.99 4.89 -93.36	146.54 5.88 -93.19	146.67 6.19 -88.43	139.53 6.56 -76.84	118.27 5.48 -62.04	54.06 4.71 -3.19	61.94 4.20 -19.17	40.86 3.51 -3.29	38.55 3.24 -4.18
WADING RIVER_IC_3 23601	36.79 3.27 -4.32	35.72 2.82 -6.55	33.34 2.44 -6.06	31.03 2.32 -4.26	27.26 2.29 -0.88	27.92 2.16 -2.26	25.24 1.85 0.00	24.45 1.79 0.00	31.93 2.45 -5.66	35.50 2.79 -7.31	38.42 3.29 -7.27	63.21 3.82 -28.81	45.48 3.96 -8.50	124.36 4.38 -85.21	135.21 4.53 -93.24	138.99 4.89 -93.36	146.54 5.88 -93.19	146.67 6.19 -88.43	139.53 6.56 -76.84	118.27 5.48 -62.04	54.06 4.71 -3.19	61.94 4.20 -19.17	40.86 3.51 -3.29	38.55 3.24 -4.18
WALDENNY_12_KV_BK2 80841	29.00 -0.20 0.00	25.98 -0.37 0.00	24.62 -0.22 0.00	24.03 -0.42 0.00	23.61 -0.48 0.00	23.11 -0.40 0.00	22.78 -0.61 0.00	21.84 -0.82 0.00	23.10 -0.71 0.00	24.89 -0.51 0.00	27.42 -0.45 0.00	30.12 -0.46 0.00	32.95 -0.07 0.00	34.80 0.03 0.00	37.36 -0.07 0.00	40.37 -0.37 0.00	47.32 -0.14 0.00	50.54 -1.51 0.00	54.83 -1.29 0.00	49.99 -0.76 0.00	45.10 -1.06 0.00	38.29 -0.27 0.00	34.03 -0.03 0.00	30.72 -0.40 0.00
WALDEN__HYDRO 24148	31.48 2.28 0.00	28.37 2.03 0.00	26.63 1.79 0.00	26.13 1.69 0.00	25.75 1.66 0.00	25.08 1.57 0.00	24.72 1.33 0.00	23.86 1.20 0.00	25.46 1.64 0.00	27.30 1.90 0.00	30.01 2.15 0.00	33.05 2.48 0.00	35.63 2.61 0.00	37.51 2.75 0.00	40.32 2.88 0.00	43.87 3.14 0.00	51.17 3.70 0.00	56.05 4.01 0.00	60.28 4.15 0.00	54.30 3.55 0.00	49.35 3.19 0.00	41.15 2.58 0.00	36.41 2.35 0.00	33.40 2.27 0.00
WARRENSBURG____ 23737	30.98 1.78 0.00	28.00 1.66 0.00	26.31 1.47 0.00	25.84 1.39 0.00	25.41 1.32 0.00	24.82 1.32 0.00	24.47 1.08 0.00	23.63 0.97 0.00	25.10 1.29 0.00	26.82 1.42 0.00	29.26 1.39 0.00	32.11 1.53 0.00	34.73 1.72 0.00	36.40 1.63 0.00	39.31 1.87 0.00	42.86 2.12 0.00	49.98 2.51 0.00	54.96 2.91 0.00	60.00 3.87 0.00	54.30 3.55 0.00	49.58 3.42 0.00	41.34 2.78 0.00	36.25 2.18 0.00	32.96 1.84 0.00
WATERSIDE____6 8 9 23538	31.07 2.98 1.11	28.90 2.56 0.00	27.08 2.24 0.00	26.52 2.08 0.00	26.13 2.05 0.00	25.43 1.93 0.00	25.03 1.64 0.00	24.18 1.52 0.00	25.96 2.14 0.00	27.96 2.57 0.00	29.28 2.98 1.57	35.22 3.42 -1.21	36.51 3.50 0.01	38.42 3.65 -0.01	40.99 3.56 0.00	44.49 3.75 0.00	51.98 4.51 0.00	56.73 4.68 0.00	60.84 4.71 0.00	54.70 3.96 0.00	49.85 3.69 0.00	41.61 3.05 0.00	37.05 3.00 0.01	34.14 3.02 0.01
WATKINRD_115KV_LN8_ILLION 55919	29.87 0.67 0.00	26.95 0.61 0.00	25.42 0.57 0.00	25.01 0.56 0.00	24.62 0.53 0.00	24.02 0.52 0.00	23.83 0.44 0.00	23.04 0.39 0.00	24.30 0.48 0.00	25.93 0.53 0.00	28.45 0.59 0.00	31.25 0.67 0.00	33.71 0.69 0.00	35.50 0.73 0.00	38.22 0.79 0.00	41.59 0.86 0.00	48.37 0.90 0.00	53.19 1.15 0.00	57.42 1.29 0.00	51.91 1.17 0.00	47.22 1.06 0.00	39.45 0.89 0.00	34.85 0.78 0.00	31.84 0.72 0.00
WATSON__69_KV_BK 1 55734	37.34 3.83 -4.32	36.24 3.35 -6.55	33.86 2.96 -6.06	31.52 2.81 -4.26	27.76 2.79 -0.88	28.42 2.66 -2.26	25.75 2.36 0.00	24.86 2.20 0.00	32.36 2.88 -5.66	35.98 3.28 -7.31	38.90 3.76 -7.27	54.29 4.25 -19.46	45.82 4.42 -8.38	87.89 4.69 -48.43	93.72 4.87 -51.42	96.36 5.26 -50.37	103.24 6.17 -49.61	105.60 6.66 -46.89	103.53 6.96 -40.44	88.07 5.99 -31.33	53.40 5.63 -1.61	54.40 4.63 -11.21	41.38 4.02 -3.30	39.24 3.92 -4.18
WDELAWARE__HYD 323627	30.75 1.55 0.00	27.71 1.37 0.00	26.01 1.17 0.00	25.52 1.07 0.00	25.10 1.01 0.00	24.45 0.94 0.00	24.09 0.70 0.00	23.29 0.63 0.00	24.75 0.93 0.00	26.54 1.14 0.00	29.18 1.31 0.00	32.14 1.56 0.00	34.70 1.68 0.00	35.74 0.97 0.00	38.45 1.01 0.00	41.84 1.10 0.00	48.98 1.52 0.00	53.76 1.72 0.00	57.92 1.80 0.00	52.12 1.37 0.00	47.27 1.11 0.00	40.61 2.04 0.00	35.80 1.74 0.00	32.59 1.46 0.00
WEST BABYLON__IC 23714	37.20 3.68 -4.32	36.11 3.21 -6.55	33.76 2.86 -6.06	31.42 2.71 -4.26	27.64 2.67 -0.88	28.32 2.56 -2.26	25.66 2.27 0.00	24.77 2.11 0.00	32.24 2.76 -5.66	35.86 3.15 -7.31	38.73 3.60 -7.27	46.99 4.04 -12.37	45.66 4.16 -8.48	59.22 4.42 -20.04	61.17 4.60 -19.13	62.85 4.93 -17.18	69.27 5.84 -15.96	73.16 6.30 -14.82	75.04 6.57 -12.35	63.96 5.58 -7.63	51.82 5.26 -0.39	47.98 4.36 -5.06	41.17 3.82 -3.29	39.08 3.77 -4.18

WEST CANADA___HYD 24049	29.49 0.29 0.00	26.61 0.26 0.00	25.09 0.25 0.00	24.69 0.24 0.00	24.33 0.24 0.00	23.74 0.24 0.00	23.53 0.14 0.00	22.79 0.14 0.00	24.01 0.19 0.00	25.62 0.23 0.00	28.12 0.25 0.00	30.85 0.27 0.00	33.31 0.30 0.00	35.11 0.35 0.00	37.77 0.34 0.00	41.10 0.37 0.00	47.89 0.43 0.00	52.51 0.47 0.00	56.69 0.56 0.00	51.20 0.46 0.00	46.58 0.41 0.00	38.91 0.35 0.00	34.37 0.31 0.00	31.41 0.28 0.00
WESTERN_NY_WIND 24143	29.29 0.09 0.00	26.24 -0.11 0.00	24.87 0.02 0.00	24.28 -0.17 0.00	23.85 -0.24 0.00	23.32 -0.19 0.00	22.97 -0.42 0.00	22.02 -0.63 0.00	23.22 -0.60 0.00	24.99 -0.41 0.00	27.48 -0.39 0.00	30.21 -0.37 0.00	33.02 0.00 0.00	34.94 0.17 0.00	37.62 0.19 0.00	40.70 -0.04 0.00	47.85 0.38 0.00	51.37 -0.68 0.00	55.90 -0.22 0.00	51.00 0.25 0.00	46.02 -0.14 0.00	39.03 0.46 0.00	34.51 0.44 0.00	31.16 0.03 0.00
WESTOVER___LESR 323668	30.08 0.58 -0.29	26.94 0.50 -0.10	25.29 0.45 0.00	24.84 0.39 0.00	24.45 0.36 0.00	23.86 0.35 0.00	23.62 0.23 0.00	22.79 0.14 0.00	24.08 0.26 0.00	25.84 0.41 -0.03	28.48 0.47 -0.14	31.47 0.58 -0.31	34.05 0.76 -0.28	35.86 0.83 -0.26	38.63 0.82 -0.37	42.06 0.81 -0.51	49.23 0.95 -0.81	53.85 0.78 -1.02	58.51 0.95 -1.43	52.93 0.96 -1.22	47.71 0.83 -0.72	39.85 0.85 -0.44	35.16 0.82 -0.28	32.18 0.62 -0.42
WETHRSFD_WT_PWR 323626	29.08 -0.12 0.00	26.05 -0.29 0.00	24.65 -0.20 0.00	24.06 -0.39 0.00	23.68 -0.41 0.00	23.13 -0.38 0.00	22.87 -0.51 0.00	22.07 -0.59 0.00	23.27 -0.55 0.00	25.07 -0.33 0.00	27.54 -0.33 0.00	30.21 -0.37 0.00	32.99 -0.03 0.00	34.83 0.07 0.00	37.40 -0.04 0.00	40.33 -0.41 0.00	46.85 -0.62 0.00	50.80 -1.25 0.00	54.78 -1.35 0.00	50.04 -0.71 0.00	45.51 -0.65 0.00	37.83 -0.73 0.00	34.06 0.00 0.00	31.35 0.22 0.00
WHAVSTOR_138KV_BK127 55557	31.54 2.34 0.00	28.43 2.08 0.00	26.68 1.84 0.00	26.16 1.71 0.00	25.77 1.69 0.00	25.10 1.60 0.00	24.75 1.36 0.00	23.93 1.27 0.00	25.61 1.79 0.00	27.50 2.11 0.00	30.21 2.34 0.00	33.24 2.66 0.00	35.69 2.67 0.00	37.58 2.82 0.00	40.32 2.88 0.00	43.79 3.06 0.00	51.03 3.56 0.00	55.85 3.80 0.00	60.00 3.87 0.00	53.94 3.20 0.00	49.07 2.91 0.00	40.95 2.39 0.00	36.28 2.21 0.00	33.40 2.27 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.54 2.34 0.00	28.43 2.08 0.00	26.68 1.84 0.00	26.16 1.71 0.00	25.77 1.69 0.00	25.10 1.60 0.00	24.75 1.36 0.00	23.93 1.27 0.00	25.61 1.79 0.00	27.50 2.11 0.00	30.21 2.34 0.00	33.24 2.66 0.00	35.69 2.67 0.00	37.58 2.82 0.00	40.32 2.88 0.00	43.79 3.06 0.00	51.03 3.56 0.00	55.85 3.80 0.00	60.00 3.87 0.00	53.94 3.20 0.00	49.07 2.91 0.00	40.95 2.39 0.00	36.28 2.21 0.00	33.40 2.27 0.00
WHITEHAL_115KV_TB1 80871	31.77 2.57 0.00	28.74 2.40 0.00	26.93 2.09 0.00	26.45 2.00 0.00	26.02 1.93 0.00	25.43 1.93 0.00	25.03 1.64 0.00	24.15 1.50 0.00	25.70 1.88 0.00	27.48 2.08 0.00	30.01 2.15 0.00	32.90 2.32 0.00	35.66 2.64 0.00	37.41 2.64 0.00	40.39 2.96 0.00	44.08 3.34 0.00	51.45 3.99 0.00	56.73 4.68 0.00	61.96 5.84 0.00	56.13 5.38 0.00	51.24 5.08 0.00	42.57 4.01 0.00	37.30 3.24 0.00	33.90 2.77 0.00
WHITEPLN_13_KV_LOAD 356215	32.15 2.95 0.00	28.90 2.56 0.00	27.08 2.24 0.00	26.53 2.08 0.00	26.16 2.07 0.00	25.48 1.97 0.00	25.10 1.71 0.00	24.31 1.65 0.00	26.11 2.29 0.00	28.06 2.67 0.00	30.88 3.01 0.00	34.06 3.49 0.00	36.58 3.57 0.00	38.55 3.79 0.00	41.37 3.93 0.00	44.89 4.16 0.00	52.35 4.89 0.00	57.30 5.26 0.00	61.63 5.50 0.00	55.42 4.67 0.00	50.32 4.15 0.00	41.96 3.39 0.00	37.13 3.07 0.00	34.18 3.05 0.00
WM_FLOYD_69_KV_BK2 356380	37.08 3.56 -4.32	35.98 3.08 -6.55	33.59 2.68 -6.06	31.27 2.57 -4.26	27.50 2.53 -0.88	28.18 2.42 -2.26	25.52 2.13 0.00	24.63 1.97 0.00	32.12 2.64 -5.66	35.73 3.02 -7.31	38.65 3.51 -7.27	63.75 4.01 -29.17	45.69 4.19 -8.48	125.99 4.52 -86.70	137.05 4.68 -94.94	140.90 5.05 -95.11	148.40 5.98 -94.96	148.62 6.45 -90.12	141.18 6.74 -78.32	119.82 5.79 -63.29	54.72 5.31 -3.25	62.38 4.32 -19.50	41.06 3.71 -3.29	38.89 3.58 -4.18
WOODARD__115KV_TB2 355635	29.60 -0.18 -0.57	26.35 -0.18 -0.19	24.65 -0.20 0.00	24.23 -0.22 0.00	23.85 -0.24 0.00	23.27 -0.24 0.00	23.09 -0.30 0.00	22.36 -0.29 0.00	23.56 -0.26 0.00	25.26 -0.20 -0.07	27.94 -0.20 -0.27	31.04 -0.15 -0.62	33.49 -0.07 -0.54	35.20 -0.07 -0.51	38.12 -0.04 -0.72	41.62 -0.12 -1.00	48.96 -0.09 -1.59	53.79 -0.26 -2.00	58.71 -0.22 -2.81	52.94 -0.20 -2.40	47.39 -0.18 -1.42	39.38 -0.04 -0.86	34.62 0.00 -0.55	31.87 -0.09 -0.83
YORK___WARBASSE 23770	40.19 3.15 -7.84	29.07 2.71 -0.02	27.24 2.39 -0.01	26.68 2.22 -0.01	26.31 2.22 -0.01	25.58 2.07 -0.01	25.10 1.71 0.00	24.22 1.56 0.00	26.06 2.24 0.00	28.10 2.69 -0.01	42.04 3.12 -11.05	39.99 3.61 -5.80	36.74 3.67 -0.06	38.71 3.93 -0.02	41.18 3.74 0.00	44.69 3.95 0.00	52.35 4.89 0.00	57.10 5.05 0.00	61.23 5.11 0.00	55.06 4.31 0.00	50.18 4.02 0.00	41.84 3.28 0.00	37.45 3.27 -0.11	34.48 3.24 -0.11