

# Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion								03/28/2025		
Generator Data																												
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
59TH STREET_GT_1 24138	EDT	37.46	36.46	35.39	35.07	35.33	40.84	57.32	70.97	54.80	42.43	39.23	36.63	35.06	33.93	34.05	35.33	37.68	42.47	47.46	57.20	51.38	41.68	39.62	36.10			
		2.32	2.06	1.81	1.80	1.78	1.94	3.09	4.21	3.58	2.81	2.29	2.23	2.23	2.10	2.17	2.13	2.23	2.67	3.10	3.74	3.27	2.62	2.24	2.04			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_1 24260	EDT	37.46	36.50	35.43	35.08	35.36	40.88	57.11	70.77	54.44	42.24	39.12	36.43	34.89	33.77	33.89	35.17	37.53	42.31	47.38	56.94	51.29	41.79	39.70	36.17			
		2.32	2.10	1.85	1.80	1.81	1.98	2.87	4.01	3.23	2.61	2.18	2.03	2.07	1.94	2.01	1.96	2.09	2.51	3.02	3.48	3.18	2.73	2.32	2.11			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_2 24261	EDT	37.46	36.50	35.43	35.08	35.36	40.88	57.11	70.77	54.44	42.24	39.12	36.43	34.89	33.77	33.89	35.17	37.53	42.31	47.38	56.94	51.29	41.79	39.70	36.17			
		2.32	2.10	1.85	1.80	1.81	1.98	2.87	4.01	3.23	2.61	2.18	2.03	2.07	1.94	2.01	1.96	2.09	2.51	3.02	3.48	3.18	2.73	2.32	2.11			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK HUDSON___FALLS 24011	EDT	37.63	36.84	35.86	35.48	35.77	41.62	58.19	71.70	54.29	41.56	38.45	35.71	34.04	32.82	33.03	34.54	37.11	41.87	47.07	56.83	51.09	41.52	39.73	36.04			
		2.49	2.44	2.28	2.20	2.21	2.72	3.96	4.94	3.07	1.94	1.51	1.31	1.21	0.99	1.15	1.33	1.67	2.07	2.71	3.37	2.98	2.46	2.35	1.98			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	37.77	37.01	36.03	35.64	35.90	41.82	58.62	72.24	54.70	41.76	38.67	35.88	34.17	32.98	33.22	34.74	37.32	42.11	47.33	57.20	51.43	41.68	39.88	36.17			
		2.64	2.61	2.45	2.36	2.35	2.92	4.39	5.48	3.48	2.14	1.74	1.48	1.35	1.14	1.34	1.53	1.88	2.31	2.97	3.74	3.32	2.62	2.50	2.11			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	37.63	36.84	35.86	35.48	35.77	41.62	58.19	71.70	54.29	41.56	38.45	35.71	34.04	32.82	33.03	34.54	37.11	41.87	47.07	56.83	51.09	41.52	39.73	36.04			
		2.49	2.44	2.28	2.20	2.21	2.72	3.96	4.94	3.07	1.94	1.51	1.31	1.21	0.99	1.15	1.33	1.67	2.07	2.71	3.37	2.98	2.46	2.35	1.98			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	36.96	36.02	35.09	34.74	35.03	40.53	56.78	69.70	53.16	40.97	37.93	35.33	33.74	32.63	32.71	34.04	36.58	41.19	46.44	56.08	50.56	41.05	39.14	35.52			
		1.83	1.62	1.51	1.46	1.47	1.63	2.55	2.93	1.95	1.35	1.00	0.93	0.92	0.80	0.83	0.83	1.13	1.39	2.09	2.62	2.45	1.99	1.76	1.46			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	36.58	35.74	34.82	34.48	34.73	40.26	56.02	68.97	52.70	40.73	37.75	35.19	33.61	32.31	32.20	33.27	35.58	39.84	44.67	53.84	48.45	39.49	37.75	34.64			
		1.44	1.34	1.24	1.20	1.17	1.36	1.79	2.20	1.49	1.11	0.81	0.79	0.79	0.48	0.32	0.07	0.14	0.04	0.31	0.37	0.34	0.43	0.37	0.58			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	34.44	33.81	33.07	32.85	33.12	38.55	53.85	66.30	50.96	39.42	36.83	34.33	32.83	31.83	31.88	33.17	35.37	39.80	44.23	53.30	48.01	38.98	37.34	34.03			
		-0.70	-0.58	-0.50	-0.43	-0.44	-0.35	-0.38	-0.47	-0.26	-0.20	-0.11	-0.07	0.00	0.00	0.00	-0.03	-0.07	0.00	-0.13	-0.16	-0.10	-0.08	-0.04	-0.03			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	36.82	36.05	35.12	34.78	35.03	40.61	56.61	69.50	52.81	40.57	37.56	34.98	33.38	32.24	32.33	33.61	36.04	40.55	45.56	54.96	49.51	40.23	38.50	35.18			
		1.69	1.65	1.55	1.50	1.47	1.71	2.38	2.74	1.59	0.95	0.63	0.58	0.56	0.41	0.45	0.40	0.60	0.75	1.20	1.49	1.40	1.17	1.12	1.12			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	36.82	36.05	35.12	34.78	35.03	40.61	56.56	69.50	52.81	40.57	37.56	34.98	33.38	32.24	32.33	33.61	36.04	40.55	45.51	54.96	49.51	40.19	38.50	35.15			
		1.69	1.65	1.55	1.50	1.47	1.71	2.33	2.74	1.59	0.95	0.63	0.58	0.56	0.41	0.45	0.40	0.60	0.75	1.15	1.49	1.40	1.13	1.12	1.09			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	36.58	35.74	34.82	34.48	34.73	40.26	56.02	68.97	52.70	40.73	37.75	35.19	33.61	32.31	32.20	33.27	35.58	39.84	44.67	53.84	48.45	39.49	37.75	34.64			
		1.44	1.34	1.24	1.20	1.17	1.36	1.79	2.20	1.49	1.11	0.81	0.79	0.79	0.48	0.32	0.07	0.14	0.04	0.31	0.37	0.34	0.43	0.37	0.58			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	36.58 1.44 0.00	35.74 1.34 0.00	34.82 1.24 0.00	34.48 1.20 0.00	34.73 1.17 0.00	40.26 1.36 0.00	56.02 1.79 0.00	68.97 2.20 0.00	52.70 1.49 0.00	40.73 1.11 0.00	37.75 0.81 0.00	35.19 0.79 0.00	33.61 0.79 0.00	32.31 0.48 0.00	32.20 0.32 0.00	33.27 0.07 0.00	35.58 0.14 0.00	39.84 0.04 0.00	44.67 0.31 0.00	53.84 0.37 0.00	48.45 0.34 0.00	39.49 0.43 0.00	37.75 0.37 0.00	34.64 0.58 0.00
ALBANY___3 23573	36.58 1.44 0.00	35.74 1.34 0.00	34.82 1.24 0.00	34.48 1.20 0.00	34.73 1.17 0.00	40.26 1.36 0.00	56.02 1.79 0.00	68.97 2.20 0.00	52.70 1.49 0.00	40.73 1.11 0.00	37.75 0.81 0.00	35.19 0.79 0.00	33.61 0.79 0.00	32.31 0.48 0.00	32.20 0.32 0.00	33.27 0.07 0.00	35.58 0.14 0.00	39.84 0.04 0.00	44.67 0.31 0.00	53.84 0.37 0.00	48.45 0.34 0.00	39.49 0.43 0.00	37.75 0.37 0.00	34.64 0.58 0.00
ALBANY___4 23574	36.58 1.44 0.00	35.74 1.34 0.00	34.82 1.24 0.00	34.48 1.20 0.00	34.73 1.17 0.00	40.26 1.36 0.00	56.02 1.79 0.00	68.97 2.20 0.00	52.70 1.49 0.00	40.73 1.11 0.00	37.75 0.81 0.00	35.19 0.79 0.00	33.61 0.79 0.00	32.31 0.48 0.00	32.20 0.32 0.00	33.27 0.07 0.00	35.58 0.14 0.00	39.84 0.04 0.00	44.67 0.31 0.00	53.84 0.37 0.00	48.45 0.34 0.00	39.49 0.43 0.00	37.75 0.37 0.00	34.64 0.58 0.00
ALBANY___LFGE 323615	36.76 1.62 0.00	35.95 1.55 0.00	34.99 1.41 0.00	34.64 1.36 0.00	34.93 1.38 0.00	40.50 1.60 0.00	56.51 2.28 0.00	69.57 2.80 0.00	53.16 1.95 0.00	41.01 1.39 0.00	38.04 1.11 0.00	35.43 1.03 0.00	33.85 1.02 0.00	32.56 0.73 0.00	32.52 0.64 0.00	33.67 0.46 0.00	36.01 0.57 0.00	40.32 0.52 0.00	45.16 0.80 0.00	54.48 1.01 0.00	49.07 0.96 0.00	39.88 0.82 0.00	38.13 0.75 0.00	34.88 0.82 0.00
ALCOA_PA_115KV_PL-6C 55860	34.37 -0.77 0.00	35.15 -0.65 -1.41	34.43 -0.54 -1.39	34.19 -0.47 -1.38	34.26 -0.47 -1.18	38.55 -0.35 0.00	53.85 -0.38 0.00	66.37 -0.47 -0.07	50.91 -0.31 0.00	39.34 -0.28 0.00	36.79 -0.15 0.00	34.26 -0.14 0.00	32.76 -0.07 0.00	31.77 -0.06 0.00	31.85 -0.03 0.00	33.14 -0.07 0.00	35.34 -0.11 0.00	39.76 -0.04 0.00	44.18 -0.18 0.00	53.25 -0.21 0.00	48.01 -0.10 0.00	38.94 -0.12 0.00	37.30 -0.07 0.00	33.99 -0.07 0.00
ALCOA_RYNLDS___DRP 24188	34.37 -0.77 0.00	35.15 -0.65 -1.41	34.43 -0.54 -1.39	34.19 -0.47 -1.38	34.26 -0.47 -1.18	38.55 -0.35 0.00	53.85 -0.38 0.00	66.37 -0.47 -0.07	50.91 -0.31 0.00	39.34 -0.28 0.00	36.79 -0.15 0.00	34.26 -0.14 0.00	32.76 -0.07 0.00	31.77 -0.06 0.00	31.85 -0.03 0.00	33.14 -0.07 0.00	35.34 -0.11 0.00	39.76 -0.04 0.00	44.18 -0.18 0.00	53.25 -0.21 0.00	48.01 -0.10 0.00	38.94 -0.12 0.00	37.30 -0.07 0.00	33.99 -0.07 0.00
ALCOA___DSASP 323711	34.36 -0.77 0.00	35.15 -0.65 -1.41	34.43 -0.54 -1.39	34.19 -0.47 -1.38	34.26 -0.47 -1.18	38.55 -0.35 0.00	53.85 -0.38 0.00	66.37 -0.46 -0.07	50.91 -0.31 0.00	39.35 -0.28 0.00	36.79 -0.15 0.00	34.30 -0.10 0.00	32.76 -0.07 0.00	31.80 -0.03 0.00	31.85 -0.03 0.00	33.17 -0.03 0.00	35.34 -0.11 0.00	39.80 0.00 0.00	44.23 -0.13 0.00	53.30 -0.16 0.00	48.01 -0.10 0.00	38.94 -0.12 0.00	37.30 -0.07 0.00	33.99 -0.07 0.00
ALLEGHENY___COGEN 23514	35.39 0.25 0.00	34.74 0.34 0.00	34.18 0.61 0.00	33.91 0.63 0.00	34.29 0.74 0.00	39.99 1.09 0.00	55.64 1.41 0.00	67.83 1.06 0.00	51.22 0.00 0.00	39.38 -0.24 0.00	36.57 -0.37 0.00	33.95 -0.45 0.00	32.07 -0.75 0.00	31.23 -0.61 0.00	31.15 -0.73 0.00	32.94 -0.27 0.00	35.34 -0.11 0.00	39.84 0.04 0.00	44.49 0.13 0.00	53.73 0.27 0.00	48.45 0.34 0.00	38.90 -0.16 0.00	37.34 -0.04 0.00	33.86 -0.20 0.00
ALTAMONT_115KV_TB 2 55880	36.37 1.23 0.00	35.53 1.14 0.00	34.65 1.07 0.00	34.31 1.03 0.00	34.56 1.01 0.00	40.03 1.13 0.00	55.80 1.57 0.00	68.70 1.94 0.00	52.55 1.33 0.00	40.57 0.95 0.00	37.64 0.70 0.00	35.05 0.65 0.00	33.48 0.66 0.00	32.37 0.54 0.00	32.39 0.51 0.00	33.67 0.46 0.00	36.01 0.57 0.00	40.44 0.64 0.00	45.29 0.93 0.00	54.59 1.12 0.00	49.12 1.01 0.00	40.00 0.94 0.00	38.24 0.86 0.00	34.84 0.78 0.00
ALTONA_WT_PWR 323606	33.42 -1.72 0.00	-6.34 -1.58 39.15	-6.44 -1.51 38.50	-6.48 -1.43 38.33	-0.60 -1.44 32.72	37.54 -1.36 0.00	52.33 -1.90 0.00	62.16 -2.54 2.07	50.09 -1.13 0.00	38.95 -0.67 0.00	36.64 -0.30 0.00	34.33 -0.07 0.00	32.89 0.07 0.00	31.90 0.06 0.00	31.94 0.06 0.00	33.27 0.07 0.00	35.55 0.11 0.00	40.12 0.32 0.00	44.67 0.31 0.00	53.94 0.48 0.00	48.64 0.53 0.00	39.37 0.31 0.00	37.68 0.30 0.00	34.54 0.48 0.00
AMERICAN_REF_FUEL 24010	33.27 -1.86 0.00	32.71 -1.68 0.00	32.17 -1.41 0.00	31.72 -1.56 0.00	32.04 -1.51 0.00	37.15 -1.75 0.00	51.20 -3.04 0.00	61.89 -4.87 0.00	47.53 -3.69 0.00	37.16 -2.46 0.00	34.83 -2.10 0.00	32.37 -2.03 0.00	30.59 -2.23 0.00	29.92 -1.91 0.00	29.78 -2.11 0.00	31.32 -1.89 0.00	33.28 -2.16 0.00	36.81 -2.99 0.00	40.77 -3.59 0.00	48.76 -4.71 0.00	43.88 -4.23 0.00	35.39 -3.67 0.00	34.32 -3.06 0.00	31.47 -2.59 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	34.51 -0.63 0.00	34.26 -0.14 0.00	33.91 0.34 0.00	33.61 0.33 0.00	34.02 0.47 0.00	39.48 0.58 0.00	54.93 0.70 0.00	66.63 -0.13 0.00	50.86 -0.36 0.00	39.58 -0.04 0.00	36.86 -0.07 0.00	34.23 -0.17 0.00	32.20 -0.62 0.00	31.51 -0.32 0.00	31.24 -0.64 0.00	32.77 -0.43 0.00	34.73 -0.71 0.00	38.52 -1.28 0.00	42.36 -2.00 0.00	50.57 -2.89 0.00	45.17 -2.94 0.00	36.17 -2.89 0.00	34.91 -2.47 0.00	31.95 -2.11 0.00
ARTHUR KILL_GT_1 23520	53.39 2.50 -15.76	52.74 2.27 -16.07	52.11 2.01 -16.52	52.11 1.96 -16.87	52.74 1.95 -17.24	52.76 2.14 -11.72	57.32 3.09 0.00	70.69 3.94 0.01	58.57 3.12 -4.23	56.59 2.46 -14.51	54.73 1.99 -15.80	54.69 1.93 -18.36	54.57 1.94 -19.81	56.07 1.81 -22.42	56.07 1.91 -22.27	56.07 1.83 -21.04	56.36 1.91 -19.00	57.30 2.35 -15.15	57.31 2.88 -10.07	57.68 3.80 -0.43	57.92 3.17 -6.63	57.30 2.58 -15.66	54.73 2.39 -14.96	53.39 2.21 -17.11
ARTHUR_KILL_2 23512	53.32 2.42 -15.76	52.64 2.17 -16.07	52.01 1.91 -16.52	52.01 1.86 -16.87	52.64 1.84 -17.24	52.64 2.02 -11.72	57.16 2.93 0.00	70.49 3.74 0.01	58.47 3.02 -4.23	56.47 2.34 -14.51	54.62 1.88 -15.80	54.62 1.86 -18.36	54.47 1.84 -19.81	55.97 1.72 -22.42	55.97 1.82 -22.27	55.97 1.73 -21.04	56.25 1.81 -19.00	57.18 2.23 -15.15	57.18 2.75 -10.07	57.52 3.64 -0.43	57.77 3.03 -6.63	57.18 2.46 -15.66	54.62 2.28 -14.96	53.32 2.15 -17.11
ARTHUR_KILL_3 23513	52.82 1.93 -15.75	52.15 1.69 -16.06	51.56 1.48 -16.51	51.57 1.43 -16.86	52.20 1.41 -17.24	52.13 1.52 -11.71	56.61 2.38 0.00	70.03 3.27 0.00	58.20 2.76 -4.22	56.30 2.18 -14.50	54.54 1.81 -15.79	54.51 1.75 -18.36	54.36 1.74 -19.80	55.87 1.62 -22.41	55.83 1.69 -22.26	55.86 1.63 -21.03	56.14 1.70 -18.99	57.01 2.07 -15.14	57.04 2.62 -10.06	56.98 3.10 -0.42	57.52 2.79 -6.62	56.94 2.23 -15.65	54.20 1.87 -14.95	52.87 1.70 -17.10

ARTHUR_KILL_COGEN 323718	53.39 2.50 -15.76	52.74 2.27 -16.07	52.11 2.01 -16.52	52.11 1.96 -16.87	52.74 1.95 -17.24	52.76 2.14 -11.72	57.32 3.09 0.00	70.69 3.94 0.01	58.57 3.12 -4.23	56.59 2.46 -14.51	54.73 1.99 -15.80	54.69 1.93 -18.36	54.57 1.94 -19.81	56.07 1.81 -22.42	56.07 1.91 -22.27	56.07 1.83 -21.04	56.36 1.91 -19.00	57.30 2.35 -15.15	57.31 2.88 -10.07	57.68 3.80 -0.43	57.92 3.17 -6.63	57.30 2.58 -15.66	54.73 2.39 -14.96	53.39 2.21 -17.11
ASHOKAN____ 23654	37.32 2.18 0.00	36.53 2.13 0.00	35.49 1.91 0.00	35.14 1.86 0.00	35.40 1.84 0.00	40.92 2.02 0.00	57.16 2.93 0.00	70.03 3.27 0.00	53.32 2.10 0.00	41.13 1.51 0.00	37.90 0.96 0.00	35.19 0.79 0.00	33.58 0.76 0.00	32.41 0.57 0.00	32.61 0.73 0.00	33.94 0.73 0.00	36.40 0.96 0.00	41.07 1.27 0.00	46.18 1.82 0.00	55.66 2.19 0.00	50.18 2.07 0.00	40.74 1.68 0.00	39.14 1.76 0.00	35.80 1.74 0.00
ASTORIA_EAST_ENERGY_CC1 323581	37.25 2.11 -0.01	36.26 1.86 -0.01	35.23 1.64 -0.01	34.95 1.66 -0.01	35.17 1.61 -0.01	40.66 1.75 -0.01	56.83 2.60 0.01	70.36 3.60 0.01	54.33 3.12 0.01	42.11 2.50 0.01	39.00 2.07 0.01	36.39 1.99 0.01	34.85 2.04 0.01	33.70 1.88 0.01	33.88 2.01 0.01	35.12 1.93 0.01	37.42 1.98 0.01	42.18 2.39 0.01	47.28 2.93 0.01	56.93 3.47 0.01	51.23 3.13 0.01	41.55 2.50 0.01	39.46 2.09 0.01	35.94 1.87 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	37.25 2.11 -0.01	36.26 1.86 -0.01	35.23 1.64 -0.01	34.95 1.66 -0.01	35.17 1.61 -0.01	40.66 1.75 -0.01	56.83 2.60 0.01	70.36 3.60 0.01	54.33 3.12 0.01	42.11 2.50 0.01	39.00 2.07 0.01	36.39 1.99 0.01	34.85 2.04 0.01	33.70 1.88 0.01	33.88 2.01 0.01	35.12 1.93 0.01	37.42 1.98 0.01	42.18 2.39 0.01	47.28 2.93 0.01	56.93 3.47 0.01	51.23 3.13 0.01	41.55 2.50 0.01	39.46 2.09 0.01	35.94 1.87 -0.01
ASTORIA_GT2_1 24094	37.18 2.04 -0.01	36.23 1.82 -0.01	35.23 1.65 -0.01	34.85 1.56 -0.01	35.14 1.58 -0.01	40.58 1.67 -0.01	56.56 2.33 0.00	70.17 3.40 0.00	54.08 2.87 0.01	41.99 2.38 0.01	38.89 1.96 0.01	36.21 1.82 0.01	34.76 1.94 0.01	33.64 1.81 0.01	33.75 1.88 0.01	34.99 1.79 0.01	37.31 1.88 0.01	42.10 2.31 0.01	47.15 2.79 0.01	56.66 3.21 0.01	51.09 2.98 0.01	41.59 2.54 0.01	39.50 2.13 0.01	35.98 1.91 -0.01
ASTORIA_GT2_2 24095	37.18 2.04 -0.01	36.23 1.82 -0.01	35.23 1.65 -0.01	34.85 1.56 -0.01	35.14 1.58 -0.01	40.58 1.67 -0.01	56.56 2.33 0.00	70.17 3.40 0.00	54.08 2.87 0.01	41.99 2.38 0.01	38.89 1.96 0.01	36.21 1.82 0.01	34.76 1.94 0.01	33.64 1.81 0.01	33.75 1.88 0.01	34.99 1.79 0.01	37.31 1.88 0.01	42.10 2.31 0.01	47.15 2.79 0.01	56.66 3.21 0.01	51.09 2.98 0.01	41.59 2.54 0.01	39.50 2.13 0.01	35.98 1.91 -0.01
ASTORIA_GT2_3 24096	37.18 2.04 -0.01	36.23 1.82 -0.01	35.23 1.65 -0.01	34.85 1.56 -0.01	35.14 1.58 -0.01	40.58 1.67 -0.01	56.56 2.33 0.00	70.17 3.40 0.00	54.08 2.87 0.01	41.99 2.38 0.01	38.89 1.96 0.01	36.21 1.82 0.01	34.76 1.94 0.01	33.64 1.81 0.01	33.75 1.88 0.01	34.99 1.79 0.01	37.31 1.88 0.01	42.10 2.31 0.01	47.15 2.79 0.01	56.66 3.21 0.01	51.09 2.98 0.01	41.59 2.54 0.01	39.50 2.13 0.01	35.98 1.91 -0.01
ASTORIA_GT2_4 24097	37.18 2.04 -0.01	36.23 1.82 -0.01	35.23 1.65 -0.01	34.85 1.56 -0.01	35.14 1.58 -0.01	40.58 1.67 -0.01	56.56 2.33 0.00	70.17 3.40 0.00	54.08 2.87 0.01	41.99 2.38 0.01	38.89 1.96 0.01	36.21 1.82 0.01	34.76 1.94 0.01	33.64 1.81 0.01	33.75 1.88 0.01	34.99 1.79 0.01	37.31 1.88 0.01	42.10 2.31 0.01	47.15 2.79 0.01	56.66 3.21 0.01	51.09 2.98 0.01	41.59 2.54 0.01	39.50 2.13 0.01	35.98 1.91 -0.01
ASTORIA_GT3_1 24098	37.18 2.04 -0.01	36.23 1.82 -0.01	35.23 1.65 -0.01	34.85 1.56 -0.01	35.14 1.58 -0.01	40.58 1.67 -0.01	56.56 2.33 0.00	70.17 3.40 0.00	54.08 2.87 0.01	41.99 2.38 0.01	38.89 1.96 0.01	36.21 1.82 0.01	34.76 1.94 0.01	33.64 1.81 0.01	33.75 1.88 0.01	34.99 1.79 0.01	37.31 1.88 0.01	42.10 2.31 0.01	47.15 2.79 0.01	56.66 3.21 0.01	51.09 2.98 0.01	41.59 2.54 0.01	39.50 2.13 0.01	35.98 1.91 -0.01
ASTORIA_GT3_2 24099	37.18 2.04 -0.01	36.23 1.82 -0.01	35.23 1.65 -0.01	34.85 1.56 -0.01	35.14 1.58 -0.01	40.58 1.67 -0.01	56.56 2.33 0.00	70.17 3.40 0.00	54.08 2.87 0.01	41.99 2.38 0.01	38.89 1.96 0.01	36.21 1.82 0.01	34.76 1.94 0.01	33.64 1.81 0.01	33.75 1.88 0.01	34.99 1.79 0.01	37.31 1.88 0.01	42.10 2.31 0.01	47.15 2.79 0.01	56.66 3.21 0.01	51.09 2.98 0.01	41.59 2.54 0.01	39.50 2.13 0.01	35.98 1.91 -0.01
ASTORIA_GT3_3 24100	37.18 2.04 -0.01	36.23 1.82 -0.01	35.23 1.65 -0.01	34.85 1.56 -0.01	35.14 1.58 -0.01	40.58 1.67 -0.01	56.56 2.33 0.00	70.17 3.40 0.00	54.08 2.87 0.01	41.99 2.38 0.01	38.89 1.96 0.01	36.21 1.82 0.01	34.76 1.94 0.01	33.64 1.81 0.01	33.75 1.88 0.01	34.99 1.79 0.01	37.31 1.88 0.01	42.10 2.31 0.01	47.15 2.79 0.01	56.66 3.21 0.01	51.09 2.98 0.01	41.59 2.54 0.01	39.50 2.13 0.01	35.98 1.91 -0.01
ASTORIA_GT3_4 24101	37.18 2.04 -0.01	36.23 1.82 -0.01	35.23 1.65 -0.01	34.85 1.56 -0.01	35.14 1.58 -0.01	40.58 1.67 -0.01	56.56 2.33 0.00	70.17 3.40 0.00	54.08 2.87 0.01	41.99 2.38 0.01	38.89 1.96 0.01	36.21 1.82 0.01	34.76 1.94 0.01	33.64 1.81 0.01	33.75 1.88 0.01	34.99 1.79 0.01	37.31 1.88 0.01	42.10 2.31 0.01	47.15 2.79 0.01	56.66 3.21 0.01	51.09 2.98 0.01	41.59 2.54 0.01	39.50 2.13 0.01	35.98 1.91 -0.01
ASTORIA_GT4_1 24102	37.18 2.04 -0.01	36.23 1.82 -0.01	35.23 1.65 -0.01	34.85 1.56 -0.01	35.14 1.58 -0.01	40.58 1.67 -0.01	56.56 2.33 0.00	70.17 3.40 0.00	54.08 2.87 0.01	41.99 2.38 0.01	38.89 1.96 0.01	36.21 1.82 0.01	34.76 1.94 0.01	33.64 1.81 0.01	33.75 1.88 0.01	34.99 1.79 0.01	37.31 1.88 0.01	42.10 2.31 0.01	47.15 2.79 0.01	56.66 3.21 0.01	51.09 2.98 0.01	41.59 2.54 0.01	39.50 2.13 0.01	35.98 1.91 -0.01
ASTORIA_GT4_2 24103	37.18 2.04 -0.01	36.23 1.82 -0.01	35.23 1.65 -0.01	34.85 1.56 -0.01	35.14 1.58 -0.01	40.58 1.67 -0.01	56.56 2.33 0.00	70.17 3.40 0.00	54.08 2.87 0.01	41.99 2.38 0.01	38.89 1.96 0.01	36.21 1.82 0.01	34.76 1.94 0.01	33.64 1.81 0.01	33.75 1.88 0.01	34.99 1.79 0.01	37.31 1.88 0.01	42.10 2.31 0.01	47.15 2.79 0.01	56.66 3.21 0.01	51.09 2.98 0.01	41.59 2.54 0.01	39.50 2.13 0.01	35.98 1.91 -0.01
ASTORIA_GT4_3 24104	37.18 2.04 -0.01	36.23 1.82 -0.01	35.23 1.65 -0.01	34.85 1.56 -0.01	35.14 1.58 -0.01	40.58 1.67 -0.01	56.56 2.33 0.00	70.17 3.40 0.00	54.08 2.87 0.01	41.99 2.38 0.01	38.89 1.96 0.01	36.21 1.82 0.01	34.76 1.94 0.01	33.64 1.81 0.01	33.75 1.88 0.01	34.99 1.79 0.01	37.31 1.88 0.01	42.10 2.31 0.01	47.15 2.79 0.01	56.66 3.21 0.01	51.09 2.98 0.01	41.59 2.54 0.01	39.50 2.13 0.01	35.98 1.91 -0.01

ASTORIA_GT4_4 24105	37.18 2.04 -0.01	36.23 1.82 -0.01	35.23 1.65 -0.01	34.85 1.56 -0.01	35.14 1.58 -0.01	40.58 1.67 -0.01	56.56 2.33 0.00	70.17 3.40 0.00	54.08 2.87 0.01	41.99 2.38 0.01	38.89 1.96 0.01	36.21 1.82 0.01	34.76 1.94 0.01	33.64 1.81 0.01	33.75 1.88 0.01	34.99 1.79 0.01	37.31 1.88 0.01	42.10 2.31 0.01	47.15 2.79 0.01	56.66 3.21 0.01	51.09 2.98 0.01	41.59 2.54 0.01	39.50 2.13 0.01	35.98 1.91 -0.01
ASTORIA_GT_1 23523	37.33 2.18 -0.01	36.33 1.93 -0.01	35.30 1.71 -0.01	34.98 1.70 -0.01	35.24 1.68 -0.01	40.74 1.83 -0.01	56.99 2.76 0.01	70.49 3.74 0.01	54.49 3.28 0.01	42.19 2.57 0.01	39.07 2.14 0.01	36.49 2.10 0.01	34.92 2.10 0.01	33.77 1.94 0.01	33.94 2.07 0.01	35.23 2.03 0.01	37.49 2.05 0.01	42.30 2.51 0.01	47.41 3.06 0.01	57.09 3.64 0.01	51.38 3.27 0.01	41.63 2.58 0.01	39.54 2.17 0.01	36.01 1.94 -0.01
ASTORIA_GT_10 24110	38.01 2.28 -0.58	36.47 2.06 -0.01	35.40 1.81 -0.01	35.67 1.76 -0.62	35.97 1.78 -0.64	41.24 1.91 -0.44	56.89 2.66 0.00	70.50 3.74 0.00	55.48 3.07 -1.19	54.10 2.50 -11.99	54.15 2.11 -15.10	43.86 1.93 -7.54	43.90 2.00 -9.08	54.16 1.88 -20.45	45.41 1.94 -11.59	54.85 1.86 -19.78	54.87 1.98 -17.45	55.61 2.39 -13.42	54.09 2.93 -6.80	58.32 3.31 -1.54	52.32 3.13 -1.08	44.26 2.66 -2.54	40.21 2.28 -0.55	36.77 2.08 -0.63
ASTORIA_GT_11 24225	38.01 2.28 -0.58	36.47 2.06 -0.01	35.40 1.81 -0.01	35.67 1.76 -0.62	35.97 1.78 -0.64	41.24 1.91 -0.44	56.89 2.66 0.00	70.50 3.74 0.00	55.48 3.07 -1.19	54.10 2.50 -11.99	54.15 2.11 -15.10	43.86 1.93 -7.54	43.90 2.00 -9.08	54.16 1.88 -20.45	45.41 1.94 -11.59	54.85 1.86 -19.78	54.87 1.98 -17.45	55.61 2.39 -13.42	54.09 2.93 -6.80	58.32 3.31 -1.54	52.32 3.13 -1.08	44.26 2.66 -2.54	40.21 2.28 -0.55	36.77 2.08 -0.63
ASTORIA_GT_12 24226	38.01 2.28 -0.58	36.47 2.06 -0.01	35.40 1.81 -0.01	35.67 1.76 -0.62	35.97 1.78 -0.64	41.24 1.91 -0.44	56.89 2.66 0.00	70.50 3.74 0.00	55.48 3.07 -1.19	54.10 2.50 -11.99	54.15 2.11 -15.10	43.86 1.93 -7.54	43.90 2.00 -9.08	54.16 1.88 -20.45	45.41 1.94 -11.59	54.85 1.86 -19.78	54.87 1.98 -17.45	55.61 2.39 -13.42	54.09 2.93 -6.80	58.32 3.31 -1.54	52.32 3.13 -1.08	44.26 2.66 -2.54	40.21 2.28 -0.55	36.77 2.08 -0.63
ASTORIA_GT_13 24227	38.01 2.28 -0.58	36.47 2.06 -0.01	35.40 1.81 -0.01	35.67 1.76 -0.62	35.97 1.78 -0.64	41.24 1.91 -0.44	56.89 2.66 0.00	70.50 3.74 0.00	55.48 3.07 -1.19	54.10 2.50 -11.99	54.15 2.11 -15.10	43.86 1.93 -7.54	43.90 2.00 -9.08	54.16 1.88 -20.45	45.41 1.94 -11.59	54.85 1.86 -19.78	54.87 1.98 -17.45	55.61 2.39 -13.42	54.09 2.93 -6.80	58.32 3.31 -1.54	52.32 3.13 -1.08	44.26 2.66 -2.54	40.21 2.28 -0.55	36.77 2.08 -0.63
ASTORIA_GT_5 24106	37.22 2.07 -0.01	36.26 1.86 -0.01	35.27 1.68 -0.01	34.88 1.60 -0.01	35.17 1.61 -0.01	40.66 1.75 -0.01	56.67 2.44 0.00	70.30 3.54 0.00	54.18 2.97 0.01	42.07 2.46 0.01	38.96 2.03 0.01	36.28 1.89 0.01	34.82 2.00 0.01	33.70 1.88 0.01	33.82 1.94 0.01	35.06 1.86 0.01	37.38 1.95 0.01	42.18 2.39 0.01	47.23 2.88 0.01	56.77 3.31 0.01	51.18 3.08 0.01	41.63 2.58 0.01	39.54 2.17 0.01	36.01 1.94 -0.01
ASTORIA_GT_7 24107	37.22 2.07 -0.01	36.26 1.86 -0.01	35.27 1.68 -0.01	34.88 1.60 -0.01	35.17 1.61 -0.01	40.66 1.75 -0.01	56.67 2.44 0.00	70.30 3.54 0.00	54.18 2.97 0.01	42.07 2.46 0.01	38.96 2.03 0.01	36.28 1.89 0.01	34.82 2.00 0.01	33.70 1.88 0.01	33.82 1.94 0.01	35.06 1.86 0.01	37.38 1.95 0.01	42.18 2.39 0.01	47.23 2.88 0.01	56.77 3.31 0.01	51.18 3.08 0.01	41.63 2.58 0.01	39.54 2.17 0.01	36.01 1.94 -0.01
ASTORIA_GT_8 24108	37.22 2.07 -0.01	36.26 1.86 -0.01	35.27 1.68 -0.01	34.88 1.60 -0.01	35.17 1.61 -0.01	40.66 1.75 -0.01	56.67 2.44 0.00	70.30 3.54 0.00	54.18 2.97 0.01	42.07 2.46 0.01	38.96 2.03 0.01	36.28 1.89 0.01	34.82 2.00 0.01	33.70 1.88 0.01	33.82 1.94 0.01	35.06 1.86 0.01	37.38 1.95 0.01	42.18 2.39 0.01	47.23 2.88 0.01	56.77 3.31 0.01	51.18 3.08 0.01	41.63 2.58 0.01	39.54 2.17 0.01	36.01 1.94 -0.01
ASTORIA___2 24149	37.25 2.11 -0.01	36.30 1.89 -0.01	35.26 1.68 -0.01	34.95 1.66 -0.01	35.20 1.64 -0.01	40.66 1.75 -0.01	56.88 2.66 0.01	70.36 3.60 0.01	54.39 3.18 0.01	42.11 2.50 0.01	39.00 2.07 0.01	36.42 2.03 0.01	34.85 2.04 0.01	33.73 1.91 0.01	33.88 2.01 0.01	35.16 1.96 0.01	37.42 1.98 0.01	42.22 2.43 0.01	47.32 2.97 0.01	56.98 3.53 0.01	51.28 3.17 0.01	41.59 2.54 0.01	39.50 2.13 0.01	35.94 1.87 -0.01
ASTORIA___3 23516	38.08 2.35 -0.58	36.51 2.10 -0.01	35.43 1.85 -0.01	35.73 1.83 -0.62	36.00 1.81 -0.64	41.32 1.98 -0.44	57.21 2.98 0.00	70.70 3.94 0.00	55.73 3.33 -1.19	54.22 2.61 -11.99	54.22 2.18 -15.10	44.04 2.10 -7.54	44.00 2.10 -9.08	54.22 1.94 -20.45	45.51 2.04 -11.59	54.98 1.99 -19.78	54.98 2.09 -17.45	55.73 2.51 -13.42	54.22 3.06 -6.80	58.64 3.64 -1.54	52.51 3.32 -1.08	44.26 2.66 -2.54	40.21 2.28 -0.55	36.77 2.08 -0.63
ASTORIA___4 23517	38.01 2.28 -0.58	36.47 2.06 -0.01	35.40 1.81 -0.01	35.67 1.76 -0.62	35.97 1.78 -0.64	41.24 1.91 -0.44	56.89 2.66 0.00	70.50 3.74 0.00	55.48 3.07 -1.19	54.10 2.50 -11.99	54.15 2.11 -15.10	43.86 1.93 -7.54	43.90 2.00 -9.08	54.16 1.88 -20.45	45.41 1.94 -11.59	54.85 1.86 -19.78	54.87 1.98 -17.45	55.61 2.39 -13.42	54.09 2.93 -6.80	58.32 3.31 -1.54	52.32 3.13 -1.08	44.26 2.66 -2.54	40.21 2.28 -0.55	36.77 2.08 -0.63
ASTORIA___5 23518	38.08 2.35 -0.58	36.51 2.10 -0.01	35.43 1.85 -0.01	35.73 1.83 -0.62	36.00 1.81 -0.64	41.32 1.98 -0.44	57.21 2.98 0.00	70.70 3.94 0.00	55.73 3.33 -1.19	54.22 2.61 -11.99	54.22 2.18 -15.10	44.04 2.10 -7.54	44.00 2.10 -9.08	54.22 1.94 -20.45	45.51 2.04 -11.59	54.98 1.99 -19.78	54.98 2.09 -17.45	55.73 2.51 -13.42	54.22 3.06 -6.80	58.64 3.64 -1.54	52.51 3.32 -1.08	44.26 2.66 -2.54	40.21 2.28 -0.55	36.77 2.08 -0.63
AST_ENERGY_2_CC3 323677	37.25 2.11 0.00	36.25 1.86 0.00	35.22 1.64 0.00	34.88 1.60 0.00	35.13 1.58 0.00	40.57 1.67 0.00	56.89 2.66 0.00	70.37 3.60 0.00	54.19 2.97 0.00	41.96 2.34 0.00	38.86 1.92 0.00	36.29 1.89 0.00	34.70 1.87 0.00	33.58 1.75 0.00	33.70 1.82 0.00	34.97 1.76 0.00	37.28 1.84 0.00	42.03 2.23 0.00	47.11 2.75 0.00	56.78 3.32 0.00	51.05 2.94 0.00	41.44 2.38 0.00	39.40 2.02 0.00	35.93 1.87 0.00
AST_ENERGY_2_CC4 323678	37.25 2.11 0.00	36.25 1.86 0.00	35.22 1.64 0.00	34.88 1.60 0.00	35.13 1.58 0.00	40.57 1.67 0.00	56.89 2.66 0.00	70.37 3.60 0.00	54.19 2.97 0.00	41.96 2.34 0.00	38.86 1.92 0.00	36.29 1.89 0.00	34.70 1.87 0.00	33.58 1.75 0.00	33.70 1.82 0.00	34.97 1.76 0.00	37.28 1.84 0.00	42.03 2.23 0.00	47.11 2.75 0.00	56.78 3.32 0.00	51.05 2.94 0.00	41.44 2.38 0.00	39.40 2.02 0.00	35.93 1.87 0.00

ATHENS_STG_1 23668	36.37 1.23 0.00	35.50 1.10 0.00	34.58 1.01 0.00	34.24 0.97 0.00	34.49 0.94 0.00	39.91 1.01 0.00	55.75 1.52 0.00	68.77 2.00 0.00	52.75 1.54 0.00	40.77 1.15 0.00	37.82 0.89 0.00	35.26 0.86 0.00	33.68 0.85 0.00	32.63 0.80 0.00	32.71 0.83 0.00	33.94 0.73 0.00	36.26 0.82 0.00	40.80 1.00 0.00	45.69 1.33 0.00	55.12 1.66 0.00	49.60 1.49 0.00	40.31 1.25 0.00	38.50 1.12 0.00	35.05 0.99 0.00
ATHENS_STG_2 23670	36.37 1.23 0.00	35.50 1.10 0.00	34.58 1.01 0.00	34.24 0.97 0.00	34.49 0.94 0.00	39.91 1.01 0.00	55.75 1.52 0.00	68.77 2.00 0.00	52.75 1.54 0.00	40.77 1.15 0.00	37.82 0.89 0.00	35.26 0.86 0.00	33.68 0.85 0.00	32.63 0.80 0.00	32.71 0.83 0.00	33.94 0.73 0.00	36.26 0.82 0.00	40.80 1.00 0.00	45.69 1.33 0.00	55.12 1.66 0.00	49.60 1.49 0.00	40.31 1.25 0.00	38.50 1.12 0.00	35.05 0.99 0.00
ATHENS_STG_3 23677	36.37 1.23 0.00	35.50 1.10 0.00	34.58 1.01 0.00	34.24 0.97 0.00	34.49 0.94 0.00	39.91 1.01 0.00	55.75 1.52 0.00	68.77 2.00 0.00	52.75 1.54 0.00	40.77 1.15 0.00	37.82 0.89 0.00	35.26 0.86 0.00	33.68 0.85 0.00	32.63 0.80 0.00	32.71 0.83 0.00	33.94 0.73 0.00	36.26 0.82 0.00	40.80 1.00 0.00	45.69 1.33 0.00	55.12 1.66 0.00	49.60 1.49 0.00	40.31 1.25 0.00	38.50 1.12 0.00	35.05 0.99 0.00
AUBURN___LFGE 323710	35.21 0.07 0.00	34.50 0.10 0.00	33.71 0.13 0.00	33.45 0.17 0.00	33.72 0.17 0.00	39.13 0.23 0.00	54.56 0.33 0.00	67.10 0.33 0.00	51.42 0.20 0.00	39.70 0.08 0.00	37.08 0.15 0.00	34.50 0.10 0.00	32.83 0.00 0.00	31.90 0.06 0.00	31.91 0.03 0.00	33.41 0.20 0.00	35.62 0.18 0.00	39.92 0.12 0.00	44.32 -0.04 0.00	53.41 -0.05 0.00	48.06 -0.05 0.00	38.83 -0.23 0.00	37.23 -0.15 0.00	33.89 -0.17 0.00
BABYLON_RES_REC 323704	37.70 2.56 0.00	36.60 2.20 0.00	35.39 1.81 0.00	35.04 1.76 0.00	35.36 1.81 0.00	41.23 2.33 0.00	57.81 3.58 0.00	72.07 4.87 -0.43	54.96 3.74 -0.01	49.11 2.93 -6.56	39.38 2.44 -0.01	37.66 2.31 -0.96	35.07 2.23 -0.01	33.77 1.94 0.00	37.30 2.20 -3.22	35.00 1.79 0.00	37.50 2.05 0.00	42.54 2.74 0.00	48.05 3.68 -0.01	57.68 4.22 0.00	51.87 3.76 0.00	45.82 3.20 -3.56	40.11 2.73 0.00	36.34 2.28 0.00
BABYLON__69_KV_BK2 356345	37.88 2.74 0.00	36.84 2.44 0.00	35.73 2.15 0.00	35.21 1.93 0.00	35.60 2.05 0.00	41.51 2.61 0.00	57.81 3.58 0.00	72.33 5.14 -0.43	55.01 3.79 0.00	49.22 3.05 -6.55	39.45 2.51 0.00	37.69 2.34 -0.95	35.12 2.30 0.00	33.87 2.04 0.00	37.39 2.30 -3.22	35.07 1.86 0.00	37.68 2.23 0.00	42.71 2.91 0.00	48.31 3.95 0.00	57.95 4.49 0.00	51.96 3.85 0.00	46.24 3.63 -3.55	40.48 3.10 0.00	36.58 2.52 0.00
BALL_HILL_WT_PWR 323825	34.47 -0.67 0.00	34.02 -0.38 0.00	33.54 -0.03 0.00	33.18 -0.10 0.00	33.52 -0.03 0.00	38.90 0.00 0.00	54.07 -0.16 0.00	65.63 -1.14 0.00	50.09 -1.13 0.00	39.07 -0.55 0.00	36.42 -0.52 0.00	33.81 -0.58 0.00	31.91 -0.92 0.00	31.23 -0.61 0.00	30.99 -0.89 0.00	32.58 -0.63 0.00	34.59 -0.85 0.00	38.37 -1.43 0.00	42.36 -2.00 0.00	50.74 -2.72 0.00	45.51 -2.60 0.00	36.48 -2.58 0.00	35.25 -2.13 0.00	32.29 -1.77 0.00
BARON_WINDS___WT_PWR 323822	34.19 -0.95 0.00	33.64 -0.76 0.00	33.08 -0.50 0.00	32.85 -0.43 0.00	33.22 -0.34 0.00	38.67 -0.23 0.00	53.85 -0.38 0.00	65.83 -0.93 0.00	50.04 -1.18 0.00	38.83 -0.79 0.00	36.16 -0.78 0.00	33.68 -0.72 0.00	31.94 -0.88 0.00	31.10 -0.73 0.00	30.99 -0.89 0.00	32.54 -0.66 0.00	34.70 -0.75 0.00	38.81 -0.99 0.00	43.03 -1.33 0.00	51.59 -1.87 0.00	46.23 -1.88 0.00	37.11 -1.95 0.00	35.55 -1.83 0.00	32.36 -1.70 0.00
BARRETT_IC_1 23704	37.49 2.35 0.00	36.46 2.06 0.00	35.32 1.74 0.00	34.94 1.66 0.00	35.26 1.71 0.00	40.96 2.06 0.00	57.21 2.98 0.00	71.54 4.34 -0.43	54.66 3.43 -0.01	48.91 2.73 -6.56	39.27 2.33 -0.01	37.56 2.20 -0.96	34.97 2.13 -0.01	33.74 1.91 0.00	37.24 2.14 -3.22	34.93 1.73 0.00	37.39 1.95 0.00	42.31 2.51 0.00	47.56 3.20 -0.01	57.04 3.58 0.00	51.33 3.22 0.00	45.43 2.81 -3.56	39.81 2.43 0.00	36.14 2.08 0.00
BARRETT_IC_10 23701	37.49 2.35 0.00	36.46 2.06 0.00	35.32 1.74 0.00	34.94 1.66 0.00	35.26 1.71 0.00	40.96 2.06 0.00	57.21 2.98 0.00	71.54 4.34 -0.43	54.66 3.43 -0.01	48.91 2.73 -6.56	39.27 2.33 -0.01	37.56 2.20 -0.96	34.97 2.13 -0.01	33.74 1.91 0.00	37.24 2.14 -3.22	34.93 1.73 0.00	37.39 1.95 0.00	42.31 2.51 0.00	47.56 3.20 -0.01	57.04 3.58 0.00	51.33 3.22 0.00	45.43 2.81 -3.56	39.81 2.43 0.00	36.14 2.08 0.00
BARRETT_IC_11 23702	37.49 2.35 0.00	36.46 2.06 0.00	35.32 1.74 0.00	34.94 1.66 0.00	35.26 1.71 0.00	40.96 2.06 0.00	57.21 2.98 0.00	71.54 4.34 -0.43	54.66 3.43 -0.01	48.91 2.73 -6.56	39.27 2.33 -0.01	37.56 2.20 -0.96	34.97 2.13 -0.01	33.74 1.91 0.00	37.24 2.14 -3.22	34.93 1.73 0.00	37.39 1.95 0.00	42.31 2.51 0.00	47.56 3.20 -0.01	57.04 3.58 0.00	51.33 3.22 0.00	45.43 2.81 -3.56	39.81 2.43 0.00	36.14 2.08 0.00
BARRETT_IC_12 23703	37.49 2.35 0.00	36.46 2.06 0.00	35.32 1.74 0.00	34.94 1.66 0.00	35.26 1.71 0.00	40.96 2.06 0.00	57.21 2.98 0.00	71.54 4.34 -0.43	54.66 3.43 -0.01	48.91 2.73 -6.56	39.27 2.33 -0.01	37.56 2.20 -0.96	34.97 2.13 -0.01	33.74 1.91 0.00	37.24 2.14 -3.22	34.93 1.73 0.00	37.39 1.95 0.00	42.31 2.51 0.00	47.56 3.20 -0.01	57.04 3.58 0.00	51.33 3.22 0.00	45.43 2.81 -3.56	39.81 2.43 0.00	36.14 2.08 0.00
BARRETT_IC_2 23705	37.49 2.35 0.00	36.46 2.06 0.00	35.32 1.74 0.00	34.94 1.66 0.00	35.26 1.71 0.00	40.96 2.06 0.00	57.21 2.98 0.00	71.54 4.34 -0.43	54.66 3.43 -0.01	48.91 2.73 -6.56	39.27 2.33 -0.01	37.56 2.20 -0.96	34.97 2.13 -0.01	33.74 1.91 0.00	37.24 2.14 -3.22	34.93 1.73 0.00	37.39 1.95 0.00	42.31 2.51 0.00	47.56 3.20 -0.01	57.04 3.58 0.00	51.33 3.22 0.00	45.43 2.81 -3.56	39.81 2.43 0.00	36.14 2.08 0.00
BARRETT_IC_3 23706	37.49 2.35 0.00	36.46 2.06 0.00	35.32 1.74 0.00	34.94 1.66 0.00	35.26 1.71 0.00	40.96 2.06 0.00	57.21 2.98 0.00	71.54 4.34 -0.43	54.66 3.43 -0.01	48.91 2.73 -6.56	39.27 2.33 -0.01	37.56 2.20 -0.96	34.97 2.13 -0.01	33.74 1.91 0.00	37.24 2.14 -3.22	34.93 1.73 0.00	37.39 1.95 0.00	42.31 2.51 0.00	47.56 3.20 -0.01	57.04 3.58 0.00	51.33 3.22 0.00	45.43 2.81 -3.56	39.81 2.43 0.00	36.14 2.08 0.00
BARRETT_IC_4 23707	37.49 2.35 0.00	36.46 2.06 0.00	35.32 1.74 0.00	34.94 1.66 0.00	35.26 1.71 0.00	40.96 2.06 0.00	57.21 2.98 0.00	71.54 4.34 -0.43	54.66 3.43 -0.01	48.91 2.73 -6.56	39.27 2.33 -0.01	37.56 2.20 -0.96	34.97 2.13 -0.01	33.74 1.91 0.00	37.24 2.14 -3.22	34.93 1.73 0.00	37.39 1.95 0.00	42.31 2.51 0.00	47.56 3.20 -0.01	57.04 3.58 0.00	51.33 3.22 0.00	45.43 2.81 -3.56	39.81 2.43 0.00	36.14 2.08 0.00

BARRETT_IC_5 23708	37.49 2.35 0.00	36.46 2.06 0.00	35.32 1.74 0.00	34.94 1.66 0.00	35.26 1.71 0.00	40.96 2.06 0.00	57.21 2.98 0.00	71.54 4.34 -0.43	54.66 3.43 -0.01	48.91 2.73 -6.56	39.27 2.33 -0.01	37.56 2.20 -0.96	34.97 2.13 -0.01	33.74 1.91 0.00	37.24 2.14 -3.22	34.93 1.73 0.00	37.39 1.95 0.00	42.31 2.51 0.00	47.56 3.20 -0.01	57.04 3.58 0.00	51.33 3.22 0.00	45.43 2.81 -3.56	39.81 2.43 0.00	36.14 2.08 0.00
BARRETT_IC_6 23709	37.49 2.35 0.00	36.46 2.06 0.00	35.32 1.74 0.00	34.94 1.66 0.00	35.26 1.71 0.00	40.96 2.06 0.00	57.21 2.98 0.00	71.54 4.34 -0.43	54.66 3.43 -0.01	48.91 2.73 -6.56	39.27 2.33 -0.01	37.56 2.20 -0.96	34.97 2.13 -0.01	33.74 1.91 0.00	37.24 2.14 -3.22	34.93 1.73 0.00	37.39 1.95 0.00	42.31 2.51 0.00	47.56 3.20 -0.01	57.04 3.58 0.00	51.33 3.22 0.00	45.43 2.81 -3.56	39.81 2.43 0.00	36.14 2.08 0.00
BARRETT_IC_7 23710	37.42 2.28 0.00	36.43 2.03 0.00	35.36 1.78 0.00	34.91 1.63 0.00	35.23 1.68 0.00	40.92 2.02 0.00	56.83 2.60 0.00	71.26 4.07 -0.43	54.34 3.12 0.00	48.79 2.61 -6.55	39.15 2.22 0.00	37.41 2.06 -0.95	34.86 2.04 0.00	33.68 1.85 0.00	37.14 2.04 -3.22	34.80 1.59 0.00	37.29 1.84 0.00	42.19 2.39 0.00	47.42 3.06 0.00	56.78 3.31 0.00	51.09 2.98 0.00	45.42 2.81 -3.55	39.81 2.43 0.00	36.14 2.08 0.00
BARRETT_IC_8 23711	37.49 2.35 0.00	36.46 2.06 0.00	35.32 1.74 0.00	34.94 1.66 0.00	35.26 1.71 0.00	40.96 2.06 0.00	57.21 2.98 0.00	71.54 4.34 -0.43	54.66 3.43 -0.01	48.91 2.73 -6.56	39.27 2.33 -0.01	37.56 2.20 -0.96	34.97 2.13 -0.01	33.74 1.91 0.00	37.24 2.14 -3.22	34.93 1.73 0.00	37.39 1.95 0.00	42.31 2.51 0.00	47.56 3.20 -0.01	57.04 3.58 0.00	51.33 3.22 0.00	45.43 2.81 -3.56	39.81 2.43 0.00	36.14 2.08 0.00
BARRETT_IC_9 23700	37.49 2.35 0.00	36.46 2.06 0.00	35.32 1.74 0.00	34.94 1.66 0.00	35.26 1.71 0.00	40.96 2.06 0.00	57.21 2.98 0.00	71.54 4.34 -0.43	54.66 3.43 -0.01	48.91 2.73 -6.56	39.27 2.33 -0.01	37.56 2.20 -0.96	34.97 2.13 -0.01	33.74 1.91 0.00	37.24 2.14 -3.22	34.93 1.73 0.00	37.39 1.95 0.00	42.31 2.51 0.00	47.56 3.20 -0.01	57.04 3.58 0.00	51.33 3.22 0.00	45.43 2.81 -3.56	39.81 2.43 0.00	36.14 2.08 0.00
BARRETT___1 23545	37.49 2.35 0.00	36.46 2.06 0.00	35.32 1.74 0.00	34.94 1.66 0.00	35.26 1.71 0.00	40.96 2.06 0.00	57.21 2.98 0.00	71.54 4.34 -0.43	54.66 3.43 -0.01	48.91 2.73 -6.56	39.27 2.33 -0.01	37.56 2.20 -0.96	34.97 2.13 -0.01	33.74 1.91 0.00	37.24 2.14 -3.22	34.93 1.73 0.00	37.39 1.95 0.00	42.31 2.51 0.00	47.56 3.20 -0.01	57.04 3.58 0.00	51.33 3.22 0.00	45.43 2.81 -3.56	39.81 2.43 0.00	36.14 2.08 0.00
BARRETT___2 23546	37.49 2.35 0.00	36.46 2.06 0.00	35.32 1.74 0.00	34.94 1.66 0.00	35.26 1.71 0.00	40.96 2.06 0.00	57.21 2.98 0.00	71.54 4.34 -0.43	54.66 3.43 -0.01	48.91 2.73 -6.56	39.27 2.33 -0.01	37.56 2.20 -0.96	34.97 2.13 -0.01	33.74 1.91 0.00	37.24 2.14 -3.22	34.93 1.73 0.00	37.39 1.95 0.00	42.31 2.51 0.00	47.56 3.20 -0.01	57.04 3.58 0.00	51.33 3.22 0.00	45.43 2.81 -3.56	39.81 2.43 0.00	36.14 2.08 0.00
BATAVIA__115KV_TB1 55881	34.72 -0.42 0.00	34.09 -0.31 0.00	33.54 -0.03 0.00	33.15 -0.13 0.00	33.52 -0.03 0.00	39.02 0.12 0.00	54.01 -0.22 0.00	65.30 -1.47 0.00	50.40 -0.82 0.00	38.95 -0.67 0.00	36.49 -0.44 0.00	33.99 -0.41 0.00	32.01 -0.82 0.00	31.45 -0.38 0.00	31.31 -0.57 0.00	32.88 -0.33 0.00	34.88 -0.57 0.00	38.96 -0.84 0.00	42.98 -1.38 0.00	51.86 -1.60 0.00	46.72 -1.40 0.00	37.54 -1.52 0.00	36.22 -1.16 0.00	33.04 -1.02 0.00
BAYONEEC___CTG1 323682	37.21 2.07 0.00	36.22 1.82 0.00	35.19 1.61 0.00	34.84 1.56 0.00	35.10 1.54 0.00	40.57 1.67 0.00	56.83 2.60 0.00	70.37 3.60 0.00	54.19 2.97 0.00	41.96 2.34 0.00	38.89 1.96 0.00	36.29 1.89 0.00	34.70 1.87 0.00	33.55 1.72 0.00	33.70 1.82 0.00	34.97 1.76 0.00	37.28 1.84 0.00	42.03 2.23 0.00	47.11 2.75 0.00	56.78 3.32 0.00	51.09 2.98 0.00	41.44 2.38 0.00	39.40 2.02 0.00	35.90 1.84 0.00
BAYONEEC___CTG10 323750	37.21 2.07 0.00	36.22 1.82 0.00	35.19 1.61 0.00	34.84 1.56 0.00	35.10 1.54 0.00	40.57 1.67 0.00	56.83 2.60 0.00	70.37 3.60 0.00	54.19 2.97 0.00	41.96 2.34 0.00	38.89 1.96 0.00	36.29 1.89 0.00	34.70 1.87 0.00	33.55 1.72 0.00	33.70 1.82 0.00	34.97 1.76 0.00	37.28 1.84 0.00	42.03 2.23 0.00	47.11 2.75 0.00	56.78 3.32 0.00	51.09 2.98 0.00	41.44 2.38 0.00	39.40 2.02 0.00	35.90 1.84 0.00
BAYONEEC___CTG2 323683	37.21 2.07 0.00	36.22 1.82 0.00	35.19 1.61 0.00	34.84 1.56 0.00	35.10 1.54 0.00	40.57 1.67 0.00	56.83 2.60 0.00	70.37 3.60 0.00	54.19 2.97 0.00	41.96 2.34 0.00	38.89 1.96 0.00	36.29 1.89 0.00	34.70 1.87 0.00	33.55 1.72 0.00	33.70 1.82 0.00	34.97 1.76 0.00	37.28 1.84 0.00	42.03 2.23 0.00	47.11 2.75 0.00	56.78 3.32 0.00	51.09 2.98 0.00	41.44 2.38 0.00	39.40 2.02 0.00	35.90 1.84 0.00
BAYONEEC___CTG3 323684	37.21 2.07 0.00	36.22 1.82 0.00	35.19 1.61 0.00	34.84 1.56 0.00	35.10 1.54 0.00	40.57 1.67 0.00	56.83 2.60 0.00	70.37 3.60 0.00	54.19 2.97 0.00	41.96 2.34 0.00	38.89 1.96 0.00	36.29 1.89 0.00	34.70 1.87 0.00	33.55 1.72 0.00	33.70 1.82 0.00	34.97 1.76 0.00	37.28 1.84 0.00	42.03 2.23 0.00	47.11 2.75 0.00	56.78 3.32 0.00	51.09 2.98 0.00	41.44 2.38 0.00	39.40 2.02 0.00	35.90 1.84 0.00
BAYONEEC___CTG4 323685	37.21 2.07 0.00	36.22 1.82 0.00	35.19 1.61 0.00	34.84 1.56 0.00	35.10 1.54 0.00	40.57 1.67 0.00	56.83 2.60 0.00	70.37 3.60 0.00	54.19 2.97 0.00	41.96 2.34 0.00	38.89 1.96 0.00	36.29 1.89 0.00	34.70 1.87 0.00	33.55 1.72 0.00	33.70 1.82 0.00	34.97 1.76 0.00	37.28 1.84 0.00	42.03 2.23 0.00	47.11 2.75 0.00	56.78 3.32 0.00	51.09 2.98 0.00	41.44 2.38 0.00	39.40 2.02 0.00	35.90 1.84 0.00
BAYONEEC___CTG5 323686	37.21 2.07 0.00	36.22 1.82 0.00	35.19 1.61 0.00	34.84 1.56 0.00	35.10 1.54 0.00	40.57 1.67 0.00	56.83 2.60 0.00	70.37 3.60 0.00	54.19 2.97 0.00	41.96 2.34 0.00	38.89 1.96 0.00	36.29 1.89 0.00	34.70 1.87 0.00	33.55 1.72 0.00	33.70 1.82 0.00	34.97 1.76 0.00	37.28 1.84 0.00	42.03 2.23 0.00	47.11 2.75 0.00	56.78 3.32 0.00	51.09 2.98 0.00	41.44 2.38 0.00	39.40 2.02 0.00	35.90 1.84 0.00
BAYONEEC___CTG6 323687	37.21 2.07 0.00	36.22 1.82 0.00	35.19 1.61 0.00	34.84 1.56 0.00	35.10 1.54 0.00	40.57 1.67 0.00	56.83 2.60 0.00	70.37 3.60 0.00	54.19 2.97 0.00	41.96 2.34 0.00	38.89 1.96 0.00	36.29 1.89 0.00	34.70 1.87 0.00	33.55 1.72 0.00	33.70 1.82 0.00	34.97 1.76 0.00	37.28 1.84 0.00	42.03 2.23 0.00	47.11 2.75 0.00	56.78 3.32 0.00	51.09 2.98 0.00	41.44 2.38 0.00	39.40 2.02 0.00	35.90 1.84 0.00

BAYONEEC___CTG7 323688	37.21 2.07 0.00	36.22 1.82 0.00	35.19 1.61 0.00	34.84 1.56 0.00	35.10 1.54 0.00	40.57 1.67 0.00	56.83 2.60 0.00	70.37 3.60 0.00	54.19 2.97 0.00	41.96 2.34 0.00	38.89 1.96 0.00	36.29 1.89 0.00	34.70 1.87 0.00	33.55 1.72 0.00	33.70 1.82 0.00	34.97 1.76 0.00	37.28 1.84 0.00	42.03 2.23 0.00	47.11 2.75 0.00	56.78 3.32 0.00	51.09 2.98 0.00	41.44 2.38 0.00	39.40 2.02 0.00	35.90 1.84 0.00
BAYONEEC___CTG8 323689	37.21 2.07 0.00	36.22 1.82 0.00	35.19 1.61 0.00	34.84 1.56 0.00	35.10 1.54 0.00	40.57 1.67 0.00	56.83 2.60 0.00	70.37 3.60 0.00	54.19 2.97 0.00	41.96 2.34 0.00	38.89 1.96 0.00	36.29 1.89 0.00	34.70 1.87 0.00	33.55 1.72 0.00	33.70 1.82 0.00	34.97 1.76 0.00	37.28 1.84 0.00	42.03 2.23 0.00	47.11 2.75 0.00	56.78 3.32 0.00	51.09 2.98 0.00	41.44 2.38 0.00	39.40 2.02 0.00	35.90 1.84 0.00
BAYONEEC___CTG9 323749	37.21 2.07 0.00	36.22 1.82 0.00	35.19 1.61 0.00	34.84 1.56 0.00	35.10 1.54 0.00	40.57 1.67 0.00	56.83 2.60 0.00	70.37 3.60 0.00	54.19 2.97 0.00	41.96 2.34 0.00	38.89 1.96 0.00	36.29 1.89 0.00	34.70 1.87 0.00	33.55 1.72 0.00	33.70 1.82 0.00	34.97 1.76 0.00	37.28 1.84 0.00	42.03 2.23 0.00	47.11 2.75 0.00	56.78 3.32 0.00	51.09 2.98 0.00	41.44 2.38 0.00	39.40 2.02 0.00	35.90 1.84 0.00
BEACON___LESR 323632	36.96 1.83 0.00	36.12 1.72 0.00	35.19 1.61 0.00	34.84 1.56 0.00	35.10 1.54 0.00	40.73 1.83 0.00	56.89 2.66 0.00	70.03 3.27 0.00	53.47 2.25 0.00	41.16 1.54 0.00	38.19 1.26 0.00	35.53 1.13 0.00	33.94 1.12 0.00	32.69 0.86 0.00	32.61 0.73 0.00	33.84 0.63 0.00	36.19 0.75 0.00	40.60 0.80 0.00	45.47 1.11 0.00	54.91 1.44 0.00	49.41 1.30 0.00	40.11 1.06 0.00	38.35 0.97 0.00	35.08 1.02 0.00
BEAVER RIVER___HYD 24048	34.36 -0.77 0.00	36.16 -0.69 -2.45	35.38 -0.60 -2.41	35.11 -0.57 -2.40	35.13 -0.47 -2.05	38.71 -0.19 0.00	54.83 0.60 0.00	67.70 0.80 -0.13	51.17 -0.05 0.00	39.03 -0.59 0.00	36.31 -0.63 0.00	33.71 -0.69 0.00	32.17 -0.66 0.00	31.20 -0.64 0.00	31.27 -0.61 0.00	32.77 -0.43 0.00	35.02 -0.42 0.00	39.60 -0.20 0.00	44.32 -0.04 0.00	53.68 0.21 0.00	48.26 0.14 0.00	39.06 0.00 0.00	37.38 0.00 0.00	33.65 -0.41 0.00
BEEBEE_GT_13 23619	34.54 -0.60 0.00	33.88 -0.52 0.00	33.24 -0.34 0.00	32.88 -0.40 0.00	33.22 -0.34 0.00	38.59 -0.31 0.00	53.47 -0.76 0.00	65.09 -1.67 0.00	50.14 -1.08 0.00	38.87 -0.75 0.00	36.42 -0.52 0.00	33.95 -0.45 0.00	32.10 -0.72 0.00	31.42 -0.41 0.00	31.34 -0.54 0.00	32.84 -0.37 0.00	34.88 -0.57 0.00	38.92 -0.88 0.00	43.12 -1.24 0.00	51.97 -1.50 0.00	46.76 -1.35 0.00	37.73 -1.33 0.00	36.30 -1.08 0.00	33.11 -0.95 0.00
BENSHRST_27_KV_BENSHRST_1 355998	53.57 2.67 -15.76	52.91 2.44 -16.07	52.31 2.22 -16.52	52.28 2.13 -16.87	52.94 2.15 -17.24	52.95 2.33 -11.72	57.49 3.25 0.00	71.24 4.47 0.00	60.01 3.53 -5.25	68.44 2.85 -25.96	69.63 2.36 -30.32	61.83 2.20 -25.23	63.25 2.27 -28.15	76.04 2.16 -42.05	67.15 2.23 -33.04	75.41 2.16 -40.05	73.50 2.30 -35.75	70.56 2.75 -28.02	64.18 3.33 -16.50	68.20 3.96 -10.78	59.13 3.56 -7.46	59.69 3.01 -17.62	54.99 2.65 -14.96	53.59 2.42 -17.11
BETHLEHEM___GRP 23843	36.58 1.44 0.00	35.74 1.34 0.00	34.82 1.24 0.00	34.48 1.20 0.00	34.73 1.17 0.00	40.26 1.36 0.00	56.02 1.79 0.00	68.97 2.20 0.00	52.70 1.49 0.00	40.73 1.11 0.00	37.75 0.81 0.00	35.19 0.79 0.00	33.61 0.79 0.00	32.31 0.48 0.00	32.20 0.32 0.00	33.27 0.07 0.00	35.58 0.14 0.00	39.84 0.04 0.00	44.67 0.31 0.00	53.84 0.37 0.00	48.45 0.34 0.00	39.49 0.43 0.00	37.75 0.37 0.00	34.64 0.58 0.00
BETHLEHEM___GS1 323560	36.58 1.44 0.00	35.74 1.34 0.00	34.82 1.24 0.00	34.48 1.20 0.00	34.73 1.17 0.00	40.26 1.36 0.00	56.13 1.90 0.00	69.10 2.34 0.00	52.86 1.64 0.00	40.81 1.19 0.00	37.86 0.92 0.00	35.26 0.86 0.00	33.68 0.85 0.00	32.41 0.57 0.00	32.26 0.38 0.00	33.37 0.17 0.00	35.66 0.21 0.00	39.96 0.16 0.00	44.71 0.35 0.00	53.94 0.48 0.00	48.59 0.48 0.00	39.49 0.43 0.00	37.79 0.41 0.00	34.64 0.58 0.00
BETHLEHEM___GS2 323561	36.58 1.44 0.00	35.74 1.34 0.00	34.82 1.24 0.00	34.48 1.20 0.00	34.73 1.17 0.00	40.26 1.36 0.00	56.13 1.90 0.00	69.10 2.34 0.00	52.86 1.64 0.00	40.81 1.19 0.00	37.86 0.92 0.00	35.26 0.86 0.00	33.68 0.85 0.00	32.41 0.57 0.00	32.26 0.38 0.00	33.37 0.17 0.00	35.66 0.21 0.00	39.96 0.16 0.00	44.71 0.35 0.00	53.94 0.48 0.00	48.59 0.48 0.00	39.49 0.43 0.00	37.79 0.41 0.00	34.64 0.58 0.00
BETHLEHEM___GS3 323562	36.58 1.44 0.00	35.74 1.34 0.00	34.82 1.24 0.00	34.48 1.20 0.00	34.73 1.17 0.00	40.26 1.36 0.00	56.13 1.90 0.00	69.10 2.34 0.00	52.86 1.64 0.00	40.81 1.19 0.00	37.86 0.92 0.00	35.26 0.86 0.00	33.68 0.85 0.00	32.41 0.57 0.00	32.26 0.38 0.00	33.37 0.17 0.00	35.66 0.21 0.00	39.96 0.16 0.00	44.71 0.35 0.00	53.94 0.48 0.00	48.59 0.48 0.00	39.49 0.43 0.00	37.79 0.41 0.00	34.64 0.58 0.00
BETHLEHEM___STEEL 23779	34.26 -0.88 0.00	33.68 -0.72 0.00	33.14 -0.44 0.00	32.71 -0.57 0.00	33.08 -0.47 0.00	38.47 -0.43 0.00	53.09 -1.14 0.00	63.89 -2.87 0.00	49.37 -1.84 0.00	38.31 -1.31 0.00	35.90 -1.03 0.00	33.50 -0.89 0.00	31.58 -1.25 0.00	31.04 -0.80 0.00	30.89 -0.99 0.00	32.41 -0.80 0.00	34.27 -1.17 0.00	38.09 -1.71 0.00	41.92 -2.44 0.00	50.52 -2.94 0.00	45.32 -2.79 0.00	36.40 -2.66 0.00	35.25 -2.13 0.00	32.29 -1.77 0.00
BETHLHEM_115KV_TB1 79974	36.51 1.37 0.00	35.67 1.27 0.00	34.75 1.18 0.00	34.41 1.13 0.00	34.69 1.14 0.00	40.18 1.28 0.00	55.91 1.68 0.00	68.90 2.14 0.00	52.65 1.43 0.00	40.69 1.07 0.00	37.75 0.81 0.00	35.16 0.76 0.00	33.58 0.76 0.00	32.31 0.48 0.00	32.23 0.35 0.00	33.37 0.17 0.00	35.66 0.21 0.00	39.96 0.16 0.00	44.76 0.40 0.00	53.94 0.48 0.00	48.59 0.48 0.00	39.57 0.51 0.00	37.87 0.49 0.00	34.67 0.61 0.00
BETHPAGE_CC_5 323564	37.74 2.60 0.00	36.63 2.23 0.00	35.46 1.88 0.00	35.11 1.83 0.00	35.43 1.88 0.00	41.23 2.33 0.00	57.75 3.52 0.00	72.07 4.87 -0.43	55.02 3.79 -0.01	49.15 2.97 -6.56	39.46 2.51 -0.01	37.73 2.37 -0.96	35.13 2.30 -0.01	33.87 2.04 0.00	37.40 2.30 -3.22	35.07 1.86 0.00	37.53 2.09 0.00	42.54 2.74 0.00	48.01 3.64 -0.01	57.64 4.17 0.00	51.82 3.70 0.00	45.74 3.13 -3.56	40.07 2.69 0.00	36.38 2.32 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	34.26 -0.88 0.00	33.71 -0.69 0.00	33.18 -0.40 0.00	32.75 -0.53 0.00	33.15 -0.40 0.00	38.51 -0.39 0.00	53.20 -1.03 0.00	64.03 -2.74 0.00	49.48 -1.74 0.00	38.39 -1.23 0.00	35.94 -1.00 0.00	33.54 -0.86 0.00	31.61 -1.21 0.00	31.07 -0.76 0.00	30.92 -0.96 0.00	32.48 -0.73 0.00	34.31 -1.13 0.00	38.13 -1.67 0.00	41.96 -2.40 0.00	50.58 -2.89 0.00	45.37 -2.74 0.00	36.40 -2.66 0.00	35.25 -2.13 0.00	32.32 -1.74 0.00

BINGHAMTON___COGEN 23790	35.31 0.18 0.00	34.57 0.17 0.00	33.81 0.24 0.00	33.48 0.20 0.00	33.79 0.23 0.00	39.21 0.31 0.00	54.61 0.38 0.00	67.03 0.27 0.00	51.22 0.00 0.00	39.62 0.00 0.00	36.94 0.00 0.00	34.36 -0.03 0.00	32.70 -0.13 0.00	31.80 -0.03 0.00	31.79 -0.10 0.00	33.24 0.03 0.00	35.48 0.04 0.00	39.80 0.00 0.00	44.23 -0.13 0.00	53.36 -0.11 0.00	47.92 -0.19 0.00	38.75 -0.31 0.00	37.16 -0.22 0.00	33.86 -0.20 0.00
BIXINCNT_115KV_LOAD 355685	33.73 -1.41 0.00	33.30 -1.10 0.00	32.97 -0.60 0.00	32.75 -0.53 0.00	33.32 -0.23 0.00	38.82 -0.08 0.00	53.91 -0.33 0.00	65.03 -1.74 0.00	50.09 -1.13 0.00	38.79 -0.83 0.00	36.20 -0.74 0.00	33.75 -0.65 0.00	31.78 -1.05 0.00	31.20 -0.64 0.00	31.02 -0.86 0.00	32.51 -0.70 0.00	34.38 -1.06 0.00	38.25 -1.55 0.00	42.05 -2.31 0.00	50.47 -2.99 0.00	45.13 -2.98 0.00	36.01 -3.05 0.00	34.65 -2.73 0.00	31.78 -2.28 0.00
BLACK RIVER___HYD 24047	35.00 -0.14 0.00	36.04 -0.07 -1.71	35.26 0.00 -1.68	34.99 0.03 -1.68	35.08 0.10 -1.43	39.33 0.43 0.00	55.59 1.36 0.00	68.59 1.73 -0.09	51.58 0.36 0.00	39.22 -0.40 0.00	36.46 -0.48 0.00	33.81 -0.58 0.00	32.24 -0.59 0.00	31.26 -0.57 0.00	31.34 -0.54 0.00	32.94 -0.27 0.00	35.20 -0.25 0.00	39.88 0.08 0.00	44.71 0.35 0.00	54.21 0.75 0.00	48.78 0.67 0.00	39.41 0.35 0.00	37.75 0.37 0.00	33.99 -0.07 0.00
BLACKRVR_115KV_TB2 79977	35.00 -0.14 0.00	36.04 -0.07 -1.71	35.26 0.00 -1.68	34.99 0.03 -1.68	35.08 0.10 -1.43	39.37 0.47 0.00	55.64 1.41 0.00	68.59 1.74 -0.09	51.63 0.41 0.00	39.26 -0.36 0.00	36.49 -0.44 0.00	33.88 -0.52 0.00	32.24 -0.59 0.00	31.29 -0.54 0.00	31.37 -0.51 0.00	32.97 -0.23 0.00	35.23 -0.21 0.00	39.88 0.08 0.00	44.76 0.40 0.00	54.26 0.80 0.00	48.83 0.72 0.00	39.41 0.35 0.00	37.75 0.37 0.00	33.99 -0.07 0.00
BLISS_WT_PWR 323608	33.52 -1.62 0.00	33.13 -1.27 0.00	32.87 -0.71 0.00	32.68 -0.60 0.00	33.25 -0.30 0.00	38.75 -0.15 0.00	53.96 -0.27 0.00	65.49 -1.27 0.00	50.04 -1.18 0.00	39.03 -0.59 0.00	36.34 -0.59 0.00	33.71 -0.69 0.00	31.77 -1.05 0.00	31.13 -0.70 0.00	30.89 -0.99 0.00	32.44 -0.76 0.00	34.49 -0.96 0.00	38.21 -1.59 0.00	42.19 -2.17 0.00	50.26 -3.21 0.00	44.89 -3.22 0.00	35.82 -3.24 0.00	34.46 -2.92 0.00	31.57 -2.48 0.00
BLUESTONE___WT_PWR 323821	36.47 1.33 0.00	35.74 1.34 0.00	34.96 1.38 0.00	34.71 1.43 0.00	35.06 1.51 0.00	40.88 1.98 0.00	57.59 3.36 0.00	71.24 4.47 0.00	54.14 2.92 0.00	41.41 1.78 0.00	38.34 1.40 0.00	35.60 1.20 0.00	33.91 1.08 0.00	32.95 1.11 0.00	33.06 1.18 0.00	34.77 1.56 0.00	37.07 1.63 0.00	41.83 2.03 0.00	46.62 2.26 0.00	56.08 2.62 0.00	50.18 2.07 0.00	40.43 1.37 0.00	38.69 1.31 0.00	35.12 1.06 0.00
BLUE_CIRC_CHEM_DRP 24182	36.58 1.44 0.00	35.77 1.38 0.00	34.85 1.28 0.00	34.51 1.23 0.00	34.79 1.24 0.00	40.30 1.40 0.00	56.08 1.84 0.00	68.90 2.14 0.00	52.55 1.33 0.00	40.49 0.87 0.00	37.53 0.59 0.00	34.95 0.55 0.00	33.38 0.56 0.00	32.21 0.38 0.00	32.26 0.38 0.00	33.54 0.33 0.00	35.90 0.46 0.00	40.36 0.56 0.00	45.25 0.89 0.00	54.59 1.12 0.00	49.12 1.01 0.00	40.00 0.94 0.00	38.28 0.90 0.00	34.95 0.89 0.00
BOC_GAS_DRP 24189	36.23 1.09 0.00	35.40 1.00 0.00	34.48 0.91 0.00	34.14 0.87 0.00	34.42 0.87 0.00	39.83 0.93 0.00	55.48 1.25 0.00	68.37 1.60 0.00	52.34 1.13 0.00	40.45 0.83 0.00	37.56 0.63 0.00	34.98 0.58 0.00	33.42 0.59 0.00	32.31 0.48 0.00	32.33 0.45 0.00	33.54 0.33 0.00	35.87 0.43 0.00	40.24 0.44 0.00	45.07 0.71 0.00	54.32 0.86 0.00	48.93 0.82 0.00	39.80 0.74 0.00	38.05 0.67 0.00	34.74 0.68 0.00
BOONVILLE_115KV_TB1 79983	35.42 0.28 0.00	35.67 0.31 -0.96	34.86 0.34 -0.95	34.55 0.33 -0.94	34.76 0.40 -0.80	39.60 0.70 0.00	55.80 1.57 0.00	68.82 2.00 -0.05	52.29 1.08 0.00	40.06 0.44 0.00	37.23 0.30 0.00	34.61 0.21 0.00	32.99 0.16 0.00	32.02 0.19 0.00	32.10 0.22 0.00	33.57 0.37 0.00	35.87 0.43 0.00	40.44 0.64 0.00	45.25 0.89 0.00	54.64 1.18 0.00	49.12 1.01 0.00	39.76 0.70 0.00	38.05 0.67 0.00	34.40 0.34 0.00
BORALEX_4TH_BRANCH 23824	36.97 1.83 0.00	36.02 1.62 0.00	35.09 1.51 0.00	34.74 1.46 0.00	35.03 1.48 0.00	40.53 1.63 0.00	56.62 2.39 0.00	69.50 2.74 0.00	53.01 1.79 0.00	40.89 1.27 0.00	37.82 0.89 0.00	35.22 0.83 0.00	33.61 0.79 0.00	32.53 0.70 0.00	32.61 0.73 0.00	33.94 0.73 0.00	36.44 0.99 0.00	41.11 1.31 0.00	46.36 2.00 0.00	55.92 2.46 0.00	50.42 2.31 0.00	41.05 1.99 0.00	39.14 1.76 0.00	35.52 1.46 0.00
BOWLINE___1 23526	36.76 1.62 0.00	35.81 1.41 0.00	34.79 1.21 0.00	34.48 1.20 0.00	34.69 1.14 0.00	40.14 1.24 0.00	56.24 2.01 0.00	69.57 2.80 0.00	53.37 2.15 0.00	41.36 1.74 0.00	38.30 1.37 0.00	35.67 1.27 0.00	34.11 1.28 0.00	33.01 1.18 0.00	33.12 1.24 0.00	34.40 1.19 0.00	36.72 1.27 0.00	41.39 1.59 0.00	46.40 2.04 0.00	55.98 2.51 0.00	50.33 2.21 0.00	40.86 1.80 0.00	38.88 1.50 0.00	35.39 1.33 0.00
BOWLINE___2 23595	36.76 1.62 0.00	35.81 1.41 0.00	34.79 1.21 0.00	34.48 1.20 0.00	34.69 1.14 0.00	40.11 1.21 0.00	56.18 1.95 0.00	69.57 2.80 0.00	53.37 2.15 0.00	41.36 1.74 0.00	38.30 1.37 0.00	35.67 1.27 0.00	34.11 1.28 0.00	33.01 1.18 0.00	33.12 1.24 0.00	34.37 1.16 0.00	36.72 1.27 0.00	41.39 1.59 0.00	46.40 2.04 0.00	55.98 2.51 0.00	50.33 2.21 0.00	40.86 1.80 0.00	38.88 1.50 0.00	35.39 1.33 0.00
BRADY___115KV_TB2 356060	34.40 -0.74 0.00	36.91 -0.58 -3.10	36.16 -0.47 -3.05	35.91 -0.40 -3.03	35.74 -0.40 -2.59	38.71 -0.19 0.00	54.18 -0.05 0.00	66.79 -0.13 -0.16	50.91 -0.31 0.00	39.18 -0.44 0.00	36.60 -0.33 0.00	34.09 -0.31 0.00	32.60 -0.23 0.00	31.61 -0.22 0.00	31.69 -0.19 0.00	33.01 -0.20 0.00	35.23 -0.21 0.00	39.72 -0.08 0.00	44.32 -0.04 0.00	53.52 0.05 0.00	48.21 0.10 0.00	39.06 0.00 0.00	37.45 0.07 0.00	34.06 0.00 0.00
BRANSCOMB___SOLAR 323811	37.21 2.07 0.00	36.39 1.99 0.00	35.42 1.85 0.00	35.07 1.80 0.00	35.33 1.78 0.00	41.04 2.14 0.00	57.43 3.20 0.00	70.70 3.94 0.00	53.68 2.46 0.00	41.13 1.51 0.00	38.08 1.15 0.00	35.40 1.00 0.00	33.74 0.92 0.00	32.59 0.76 0.00	32.77 0.89 0.00	34.20 1.00 0.00	36.75 1.31 0.00	41.43 1.63 0.00	46.58 2.22 0.00	56.24 2.78 0.00	50.61 2.50 0.00	41.05 1.99 0.00	39.25 1.87 0.00	35.63 1.57 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	37.70 2.57 0.00	36.63 2.24 0.00	35.56 1.98 0.00	35.04 1.76 0.00	35.40 1.85 0.00	41.31 2.41 0.00	57.43 3.20 0.00	71.80 4.61 -0.43	54.70 3.48 0.00	49.02 2.85 -6.55	39.26 2.33 0.00	37.52 2.17 -0.95	34.96 2.13 0.00	33.71 1.88 0.00	37.27 2.17 -3.22	34.90 1.69 0.00	37.50 2.06 0.00	42.51 2.71 0.00	48.04 3.68 0.00	57.58 4.12 0.00	51.62 3.51 0.00	46.01 3.40 -3.55	40.30 2.92 0.00	36.41 2.35 0.00



BRISTLHL_115KV_TB1 79998	34.61 -0.53 0.00	33.88 -0.52 0.00	33.11 -0.47 0.00	32.81 -0.47 0.00	33.08 -0.47 0.00	38.32 -0.58 0.00	53.36 -0.87 0.00	65.63 -1.13 0.00	50.30 -0.92 0.00	38.91 -0.71 0.00	36.42 -0.52 0.00	33.88 -0.52 0.00	32.27 -0.56 0.00	31.35 -0.48 0.00	31.37 -0.51 0.00	32.81 -0.40 0.00	34.98 -0.46 0.00	39.12 -0.68 0.00	43.47 -0.89 0.00	52.45 -1.02 0.00	47.15 -0.96 0.00	38.20 -0.86 0.00	36.63 -0.75 0.00	33.38 -0.68 0.00
BROOKHAVEN___DRP 24191	37.21 2.07 0.00	36.15 1.75 0.00	35.06 1.48 0.00	34.54 1.26 0.00	34.89 1.34 0.00	40.92 2.02 0.00	56.94 2.71 0.00	70.93 3.74 -0.43	53.93 2.71 0.00	48.39 2.22 -6.55	38.64 1.70 0.00	36.93 1.58 -0.95	34.43 1.61 0.00	33.17 1.34 0.00	36.76 1.66 -3.22	34.40 1.20 0.00	36.93 1.49 0.00	41.95 2.15 0.00	47.73 3.37 0.00	57.37 3.90 0.00	51.43 3.32 0.00	45.69 3.09 -3.55	39.96 2.58 0.00	35.97 1.91 0.00
BROOKLYN_NAVY_YARD 23515	37.21 2.07 0.00	36.22 1.82 0.00	35.16 1.58 0.00	34.84 1.56 0.00	35.10 1.54 0.00	40.57 1.67 0.00	56.89 2.66 0.00	70.43 3.67 0.00	54.29 3.07 0.00	42.04 2.42 0.00	38.93 1.99 0.00	36.32 1.93 0.00	34.73 1.90 0.00	33.61 1.78 0.00	33.76 1.88 0.00	35.00 1.79 0.00	37.32 1.88 0.00	42.11 2.31 0.00	47.20 2.84 0.00	56.89 3.42 0.00	51.14 3.03 0.00	41.56 2.50 0.00	39.47 2.09 0.00	35.97 1.91 0.00
BROOKLYN___ARMY_DRP 323595	53.43 2.53 -15.76	52.78 2.30 -16.07	52.18 2.08 -16.52	52.18 2.03 -16.87	52.81 2.01 -17.24	52.80 2.18 -11.72	57.27 3.04 0.00	70.97 4.21 0.00	59.80 3.33 -5.25	68.28 2.69 -25.96	69.48 2.22 -30.32	61.69 2.06 -25.23	63.11 2.13 -28.15	75.91 2.04 -42.05	67.03 2.10 -33.04	75.28 2.03 -40.05	73.32 2.13 -35.75	70.40 2.59 -28.02	63.96 3.11 -16.50	67.93 3.69 -10.78	58.94 3.37 -7.46	59.53 2.85 -17.62	54.88 2.54 -14.96	53.45 2.28 -17.11
BROOKVLE_69_KV_TB1 55790	37.84 2.71 0.00	36.84 2.44 0.00	35.73 2.15 0.00	35.28 2.00 0.00	35.60 2.05 0.00	41.39 2.49 0.00	57.70 3.47 0.00	72.47 5.27 -0.43	55.21 3.99 0.00	49.34 3.17 -6.55	39.63 2.70 0.00	37.86 2.51 -0.95	35.29 2.46 0.00	34.06 2.23 0.00	37.58 2.49 -3.22	35.23 2.03 0.00	37.78 2.34 0.00	42.71 2.91 0.00	48.13 3.77 0.00	57.74 4.28 0.00	51.82 3.70 0.00	45.97 3.36 -3.55	40.30 2.92 0.00	36.51 2.45 0.00
BROOME_2_LFGE 323671	35.31 0.18 0.00	34.61 0.21 0.00	33.82 0.24 0.00	33.51 0.23 0.00	33.76 0.20 0.00	39.17 0.27 0.00	54.61 0.38 0.00	67.17 0.40 0.00	51.22 0.00 0.00	39.70 0.08 0.00	36.94 0.00 0.00	34.36 0.00 0.00	32.70 -0.13 0.00	31.80 -0.03 0.00	31.79 -0.10 0.00	33.24 0.03 0.00	35.51 0.07 0.00	39.80 0.00 0.00	44.27 -0.09 0.00	53.36 -0.11 0.00	47.92 -0.19 0.00	38.75 -0.31 0.00	37.12 -0.26 0.00	33.86 -0.20 0.00
BROOME___LFGE 323600	35.31 0.18 0.00	34.61 0.21 0.00	33.82 0.24 0.00	33.51 0.23 0.00	33.76 0.20 0.00	39.17 0.27 0.00	54.61 0.38 0.00	67.17 0.40 0.00	51.22 0.00 0.00	39.70 0.08 0.00	36.94 0.00 0.00	34.36 -0.03 0.00	32.70 -0.13 0.00	31.80 -0.03 0.00	31.79 -0.10 0.00	33.24 0.03 0.00	35.51 0.07 0.00	39.80 0.00 0.00	44.27 -0.09 0.00	53.36 -0.11 0.00	47.92 -0.19 0.00	38.75 -0.31 0.00	37.12 -0.26 0.00	33.86 -0.20 0.00
BROWNFLS_115KV_TB_3_5 80003	33.63 -1.51 0.00	37.39 -1.38 -4.37	36.60 -1.28 -4.30	36.36 -1.20 -4.28	36.03 -1.17 -3.65	37.89 -1.01 0.00	53.47 -0.76 0.00	66.06 -0.93 -0.23	50.09 -1.13 0.00	38.39 -1.23 0.00	35.75 -1.18 0.00	33.26 -1.14 0.00	31.74 -1.08 0.00	30.81 -1.02 0.00	30.89 -0.99 0.00	32.28 -0.93 0.00	34.49 -0.96 0.00	38.88 -0.92 0.00	43.47 -0.89 0.00	52.55 -0.91 0.00	47.29 -0.82 0.00	38.28 -0.78 0.00	36.67 -0.71 0.00	33.14 -0.92 0.00
BROWNSV1_27_KV_LOAD 356125	37.46 2.32 0.00	36.46 2.06 0.00	35.39 1.81 0.00	35.04 1.76 0.00	35.33 1.78 0.00	40.81 1.91 0.00	57.05 2.82 0.00	70.70 3.94 0.00	54.39 3.18 0.00	42.20 2.58 0.00	39.08 2.14 0.00	36.39 2.00 0.00	34.89 2.07 0.00	33.77 1.94 0.00	33.89 2.01 0.00	35.13 1.93 0.00	37.50 2.06 0.00	42.27 2.47 0.00	47.38 3.02 0.00	56.94 3.48 0.00	51.33 3.22 0.00	41.79 2.73 0.00	39.70 2.32 0.00	36.17 2.11 0.00
BURROWS___LYONSDAL 23803	35.14 0.00 0.00	35.69 0.03 -1.25	34.88 0.07 -1.23	34.57 0.07 -1.23	34.77 0.17 -1.05	39.37 0.47 0.00	55.59 1.36 0.00	68.57 1.74 -0.07	52.09 0.87 0.00	39.82 0.20 0.00	37.01 0.07 0.00	34.40 0.00 0.00	32.79 -0.03 0.00	31.83 0.00 0.00	31.91 0.03 0.00	33.41 0.20 0.00	35.69 0.25 0.00	40.28 0.48 0.00	45.02 0.67 0.00	54.42 0.96 0.00	48.93 0.82 0.00	39.61 0.55 0.00	37.90 0.52 0.00	34.20 0.14 0.00
CAITHNESS_CC_1 323624	37.32 2.18 0.00	36.19 1.79 0.00	34.96 1.38 0.00	34.61 1.33 0.00	34.96 1.41 0.00	40.96 2.06 0.00	57.65 3.42 0.00	71.14 3.94 -0.43	54.25 3.02 -0.01	48.56 2.38 -6.56	38.83 1.88 -0.01	37.18 1.82 -0.96	34.61 1.77 -0.01	33.33 1.50 0.00	36.89 1.78 -3.22	34.57 1.36 0.00	37.07 1.63 0.00	42.11 2.31 0.00	47.87 3.50 -0.01	57.52 4.06 0.00	51.87 3.76 0.00	45.70 3.09 -3.56	39.92 2.54 0.00	36.03 1.97 0.00
CALPINE BETH_PAGE_GT4 24209	37.67 2.53 0.00	36.67 2.27 0.00	35.56 1.98 0.00	35.11 1.83 0.00	35.43 1.88 0.00	41.23 2.33 0.00	57.27 3.04 0.00	71.80 4.61 -0.43	54.65 3.43 0.00	48.98 2.81 -6.55	39.26 2.33 0.00	37.52 2.17 -0.95	34.96 2.13 0.00	33.74 1.91 0.00	37.23 2.14 -3.22	34.87 1.66 0.00	37.39 1.95 0.00	42.35 2.55 0.00	47.73 3.37 0.00	57.26 3.80 0.00	51.38 3.27 0.00	45.69 3.09 -3.55	40.03 2.65 0.00	36.38 2.32 0.00
CALPINE_BETH_PAGE_GT_4 323586	37.77 2.64 0.00	36.67 2.27 0.00	35.49 1.91 0.00	35.14 1.86 0.00	35.43 1.88 0.00	41.27 2.37 0.00	57.71 3.47 0.00	72.01 4.81 -0.43	54.92 3.69 -0.01	49.07 2.89 -6.56	39.38 2.44 -0.01	37.70 2.34 -0.96	35.07 2.23 -0.01	33.81 1.97 0.00	37.34 2.23 -3.22	35.00 1.79 0.00	37.50 2.05 0.00	42.47 2.67 0.00	47.92 3.55 -0.01	57.52 4.06 0.00	51.72 3.61 0.00	45.70 3.09 -3.56	40.03 2.65 0.00	36.41 2.35 0.00
CALPINE_BP_GT1 23823	37.77 2.64 0.00	36.67 2.27 0.00	35.49 1.91 0.00	35.14 1.86 0.00	35.43 1.88 0.00	41.27 2.37 0.00	57.71 3.47 0.00	72.01 4.81 -0.43	54.92 3.69 -0.01	49.07 2.89 -6.56	39.38 2.44 -0.01	37.70 2.34 -0.96	35.07 2.23 -0.01	33.81 1.97 0.00	37.34 2.23 -3.22	35.00 1.79 0.00	37.50 2.05 0.00	42.47 2.67 0.00	47.92 3.55 -0.01	57.52 4.06 0.00	51.72 3.61 0.00	45.70 3.09 -3.56	40.03 2.65 0.00	36.41 2.35 0.00
CALSPAN___DRP 24200	34.26 -0.88 0.00	33.68 -0.72 0.00	33.14 -0.44 0.00	32.71 -0.57 0.00	33.08 -0.47 0.00	38.47 -0.43 0.00	53.09 -1.14 0.00	63.89 -2.87 0.00	49.37 -1.84 0.00	38.31 -1.31 0.00	35.90 -1.03 0.00	33.50 -0.89 0.00	31.58 -1.25 0.00	31.04 -0.80 0.00	30.89 -0.99 0.00	32.41 -0.80 0.00	34.27 -1.17 0.00	38.09 -1.71 0.00	41.92 -2.44 0.00	50.52 -2.94 0.00	45.32 -2.79 0.00	36.40 -2.66 0.00	35.25 -2.13 0.00	32.29 -1.77 0.00

CALVERTON___SOLAR 323806	37.35 2.22 0.00	36.22 1.82 0.00	34.96 1.38 0.00	34.61 1.33 0.00	34.93 1.38 0.00	41.04 2.14 0.00	57.92 3.69 0.00	71.20 4.01 -0.43	54.25 3.02 -0.01	48.52 2.34 -6.56	38.75 1.81 -0.01	37.11 1.75 -0.96	34.54 1.71 -0.01	33.23 1.40 0.00	36.83 1.72 -3.22	34.54 1.33 0.00	37.04 1.60 0.00	42.11 2.31 0.00	48.05 3.68 -0.01	57.79 4.33 0.00	52.15 4.04 0.00	45.82 3.20 -3.56	40.00 2.62 0.00	36.07 2.01 0.00
CANDIGU_WT_PWR 323617	34.19 -0.95 0.00	33.64 -0.76 0.00	33.08 -0.50 0.00	32.85 -0.43 0.00	33.22 -0.34 0.00	38.67 -0.23 0.00	53.85 -0.38 0.00	65.83 -0.93 0.00	50.04 -1.18 0.00	38.83 -0.79 0.00	36.16 -0.78 0.00	33.68 -0.72 0.00	31.94 -0.88 0.00	31.10 -0.73 0.00	30.99 -0.89 0.00	32.54 -0.66 0.00	34.70 -0.75 0.00	38.81 -0.99 0.00	43.03 -1.33 0.00	51.59 -1.87 0.00	46.23 -1.88 0.00	37.11 -1.95 0.00	35.55 -1.83 0.00	32.36 -1.70 0.00
CARR STREET_E_SYR 24060	34.96 -0.17 0.00	34.26 -0.14 0.00	33.48 -0.10 0.00	33.18 -0.10 0.00	33.42 -0.13 0.00	38.75 -0.15 0.00	53.85 -0.38 0.00	66.30 -0.46 0.00	50.76 -0.46 0.00	39.35 -0.28 0.00	36.75 -0.18 0.00	34.19 -0.21 0.00	32.56 -0.26 0.00	31.61 -0.22 0.00	31.62 -0.26 0.00	33.08 -0.13 0.00	35.27 -0.18 0.00	39.48 -0.32 0.00	43.87 -0.49 0.00	52.82 -0.64 0.00	47.54 -0.58 0.00	38.55 -0.51 0.00	36.97 -0.41 0.00	33.69 -0.37 0.00
CARTHAGE___PAPER 23857	34.61 -0.53 0.00	35.95 -0.45 -2.00	35.14 -0.40 -1.96	34.87 -0.37 -1.95	34.95 -0.27 -1.67	38.94 0.04 0.00	55.15 0.92 0.00	68.07 1.20 -0.11	51.37 0.15 0.00	39.07 -0.55 0.00	36.31 -0.63 0.00	33.71 -0.69 0.00	32.14 -0.69 0.00	31.16 -0.67 0.00	31.24 -0.64 0.00	32.81 -0.40 0.00	35.05 -0.39 0.00	39.72 -0.08 0.00	44.49 0.13 0.00	53.94 0.48 0.00	48.49 0.38 0.00	39.22 0.16 0.00	37.53 0.15 0.00	33.79 -0.27 0.00
CASSADAGA_WT_PWR 323784	34.61 -0.53 0.00	34.40 0.00 0.00	34.08 0.50 0.00	33.78 0.50 0.00	34.22 0.67 0.00	39.72 0.82 0.00	55.37 1.14 0.00	67.23 0.47 0.00	51.32 0.10 0.00	39.94 0.32 0.00	37.16 0.22 0.00	34.50 0.10 0.00	32.43 -0.39 0.00	31.74 -0.10 0.00	31.40 -0.48 0.00	32.91 -0.30 0.00	34.87 -0.57 0.00	38.73 -1.07 0.00	42.50 -1.86 0.00	50.74 -2.72 0.00	45.27 -2.84 0.00	36.21 -2.85 0.00	34.91 -2.47 0.00	31.88 -2.18 0.00
CE_DUNWOOD___DRP 24194	37.04 1.90 0.00	36.12 1.72 0.00	35.09 1.51 0.00	34.71 1.43 0.00	35.00 1.44 0.00	40.46 1.56 0.00	56.45 2.22 0.00	70.04 3.27 0.00	53.68 2.46 0.00	41.64 2.02 0.00	38.60 1.66 0.00	35.91 1.51 0.00	34.40 1.58 0.00	33.30 1.46 0.00	33.41 1.53 0.00	34.64 1.43 0.00	37.00 1.56 0.00	41.71 1.91 0.00	46.75 2.40 0.00	56.30 2.83 0.00	50.66 2.55 0.00	41.29 2.23 0.00	39.29 1.91 0.00	35.73 1.67 0.00
CE_MILLWOOD___DRP 24193	36.93 1.79 0.00	35.98 1.58 0.00	34.96 1.38 0.00	34.61 1.33 0.00	34.86 1.31 0.00	40.30 1.40 0.00	56.29 2.06 0.00	69.77 3.00 0.00	53.47 2.25 0.00	41.48 1.86 0.00	38.41 1.48 0.00	35.74 1.34 0.00	34.24 1.41 0.00	33.14 1.31 0.00	33.25 1.37 0.00	34.50 1.30 0.00	36.86 1.42 0.00	41.51 1.71 0.00	46.53 2.17 0.00	56.08 2.62 0.00	50.47 2.36 0.00	41.09 2.03 0.00	39.10 1.72 0.00	35.59 1.53 0.00
CE_NYC2_DRP 24202	38.01 2.28 -0.58	36.47 2.06 -0.01	35.43 1.85 -0.01	35.67 1.76 -0.62	35.97 1.78 -0.64	41.24 1.91 -0.44	56.94 2.71 0.00	70.57 3.81 0.00	55.48 3.07 -1.19	54.10 2.50 -11.99	54.15 2.11 -15.10	43.86 1.93 -7.54	43.90 2.00 -9.08	54.16 1.88 -20.45	45.41 1.94 -11.59	54.85 1.86 -19.78	54.87 1.98 -17.45	55.61 2.39 -13.42	54.09 2.93 -6.80	58.37 3.37 -1.54	52.32 3.13 -1.08	44.26 2.66 -2.54	40.21 2.28 -0.55	36.77 2.08 -0.63
CE_NYC_DRP 24195	37.25 2.11 0.00	36.26 1.86 0.00	35.22 1.65 0.00	34.88 1.60 0.00	35.16 1.61 0.00	40.61 1.71 0.00	56.73 2.49 0.00	70.30 3.54 0.00	54.09 2.87 0.00	41.96 2.34 0.00	38.86 1.92 0.00	36.19 1.79 0.00	34.70 1.87 0.00	33.58 1.75 0.00	33.70 1.82 0.00	34.93 1.73 0.00	37.29 1.84 0.00	42.03 2.23 0.00	47.07 2.71 0.00	56.62 3.15 0.00	51.00 2.89 0.00	41.52 2.46 0.00	39.47 2.09 0.00	35.97 1.91 0.00
CHAFFEE___LFGE 323603	34.05 -1.09 0.00	33.50 -0.89 0.00	32.97 -0.60 0.00	32.61 -0.67 0.00	32.88 -0.67 0.00	38.16 -0.74 0.00	53.26 -0.97 0.00	64.76 -2.00 0.00	49.27 -1.95 0.00	38.35 -1.27 0.00	35.68 -1.26 0.00	33.16 -1.24 0.00	31.32 -1.51 0.00	30.62 -1.21 0.00	30.41 -1.47 0.00	31.98 -1.23 0.00	34.02 -1.42 0.00	37.85 -1.95 0.00	41.88 -2.48 0.00	50.42 -3.05 0.00	45.23 -2.89 0.00	36.21 -2.85 0.00	34.88 -2.50 0.00	32.02 -2.04 0.00
CHATEAUG_35_KV_LOAD 355732	34.05 -1.09 0.00	-5.51 -0.76 39.15	-5.56 -0.64 38.50	-5.59 -0.53 38.33	0.27 -0.57 32.72	38.59 -0.31 0.00	53.80 -0.43 0.00	63.83 -0.87 2.07	51.17 -0.05 0.00	39.62 0.00 0.00	37.27 0.33 0.00	34.81 0.41 0.00	33.32 0.49 0.00	32.34 0.51 0.00	32.36 0.48 0.00	33.77 0.56 0.00	36.15 0.71 0.00	40.87 1.07 0.00	45.69 1.33 0.00	55.17 1.71 0.00	49.84 1.73 0.00	40.23 1.17 0.00	38.54 1.16 0.00	35.32 1.26 0.00
CHATEAUG_WT_PWR 323614	33.31 -1.83 0.00	-6.44 -1.68 39.15	-6.54 -1.61 38.50	-6.59 -1.53 38.33	-0.67 -1.51 32.72	37.42 -1.48 0.00	52.28 -1.95 0.00	62.23 -2.47 2.07	49.99 -1.23 0.00	38.87 -0.75 0.00	36.53 -0.41 0.00	34.23 -0.17 0.00	32.76 -0.07 0.00	31.80 -0.03 0.00	31.82 -0.06 0.00	33.17 -0.03 0.00	35.41 -0.04 0.00	39.96 0.16 0.00	44.49 0.13 0.00	53.68 0.21 0.00	48.40 0.29 0.00	39.22 0.16 0.00	37.53 0.15 0.00	34.33 0.27 0.00
CHAT_HIGH_FALL_HYD 323578	34.05 -1.09 0.00	-5.51 -0.76 39.15	-5.56 -0.64 38.50	-5.59 -0.53 38.33	0.27 -0.57 32.72	38.59 -0.31 0.00	53.80 -0.43 0.00	63.83 -0.87 2.07	51.17 -0.05 0.00	39.62 0.00 0.00	37.27 0.33 0.00	34.81 0.41 0.00	33.32 0.49 0.00	32.34 0.51 0.00	32.36 0.48 0.00	33.77 0.56 0.00	36.15 0.71 0.00	40.87 1.07 0.00	45.69 1.33 0.00	55.17 1.71 0.00	49.84 1.73 0.00	40.23 1.17 0.00	38.54 1.16 0.00	35.32 1.26 0.00
CHAUTAUQUA___LFGE 323629	34.65 -0.49 0.00	34.26 -0.14 0.00	33.85 0.27 0.00	33.51 0.23 0.00	33.85 0.30 0.00	39.29 0.39 0.00	54.66 0.43 0.00	66.37 -0.40 0.00	50.61 -0.61 0.00	39.42 -0.20 0.00	36.72 -0.22 0.00	34.12 -0.28 0.00	32.14 -0.69 0.00	31.48 -0.35 0.00	31.21 -0.67 0.00	32.77 -0.43 0.00	34.81 -0.64 0.00	38.61 -1.19 0.00	42.54 -1.82 0.00	50.95 -2.51 0.00	45.61 -2.50 0.00	36.56 -2.50 0.00	35.29 -2.09 0.00	32.29 -1.77 0.00
CHERRYST_13_KV_LD 356241	37.35 2.21 0.00	36.36 1.96 0.00	35.32 1.75 0.00	34.98 1.70 0.00	35.26 1.71 0.00	40.73 1.83 0.00	56.89 2.66 0.00	70.57 3.81 0.00	54.24 3.02 0.00	42.12 2.50 0.00	39.01 2.07 0.00	36.33 1.93 0.00	34.80 1.97 0.00	33.71 1.88 0.00	33.83 1.94 0.00	35.07 1.86 0.00	37.39 1.95 0.00	42.19 2.39 0.00	47.20 2.84 0.00	56.78 3.31 0.00	51.14 3.03 0.00	41.64 2.58 0.00	39.58 2.21 0.00	36.07 2.01 0.00

CHESTROR_138KV_BK263 355645	36.51 1.37 0.00	35.64 1.24 0.00	34.65 1.07 0.00	34.31 1.03 0.00	34.56 1.01 0.00	39.95 1.05 0.00	55.75 1.52 0.00	68.97 2.20 0.00	52.81 1.59 0.00	40.97 1.35 0.00	37.97 1.03 0.00	35.29 0.89 0.00	33.78 0.95 0.00	32.69 0.86 0.00	32.84 0.96 0.00	34.07 0.86 0.00	36.44 0.99 0.00	41.03 1.23 0.00	45.96 1.60 0.00	55.39 1.92 0.00	49.84 1.73 0.00	40.58 1.52 0.00	38.69 1.31 0.00	35.18 1.12 0.00
CH_MIDHUDSON___DRP 24192	36.86 1.72 0.00	35.95 1.55 0.00	34.96 1.38 0.00	34.61 1.33 0.00	34.86 1.31 0.00	40.30 1.40 0.00	56.29 2.06 0.00	69.57 2.80 0.00	53.27 2.05 0.00	41.28 1.66 0.00	38.23 1.29 0.00	35.57 1.17 0.00	34.04 1.21 0.00	32.95 1.11 0.00	33.06 1.18 0.00	34.34 1.13 0.00	36.72 1.28 0.00	41.35 1.55 0.00	46.36 2.00 0.00	55.87 2.41 0.00	50.28 2.16 0.00	40.97 1.91 0.00	39.06 1.68 0.00	35.52 1.46 0.00
CH_MISC_IPPS 23765	37.07 1.93 0.00	36.19 1.79 0.00	35.16 1.58 0.00	34.81 1.53 0.00	35.03 1.47 0.00	40.57 1.67 0.00	56.78 2.55 0.00	70.17 3.40 0.00	53.78 2.56 0.00	41.64 2.02 0.00	38.49 1.55 0.00	35.81 1.41 0.00	34.24 1.41 0.00	33.11 1.27 0.00	33.32 1.44 0.00	34.63 1.43 0.00	36.97 1.52 0.00	41.67 1.87 0.00	46.71 2.35 0.00	56.35 2.88 0.00	50.71 2.60 0.00	41.09 2.03 0.00	39.21 1.83 0.00	35.69 1.63 0.00
CH_RES_BVR_FALLS 23983	34.15 -0.98 0.00	33.54 -0.86 0.00	32.84 -0.74 0.00	32.65 -0.63 0.00	33.01 -0.54 0.00	38.47 -0.43 0.00	53.80 -0.44 0.00	66.30 -0.46 0.00	50.96 -0.25 0.00	39.42 -0.20 0.00	36.79 -0.15 0.00	34.26 -0.14 0.00	32.73 -0.10 0.00	31.74 -0.10 0.00	31.79 -0.10 0.00	33.11 -0.10 0.00	35.30 -0.14 0.00	39.72 -0.08 0.00	44.23 -0.13 0.00	53.25 -0.21 0.00	47.82 -0.29 0.00	38.75 -0.31 0.00	37.08 -0.30 0.00	33.75 -0.31 0.00
CH_RES_NIAGARA 23895	33.38 -1.76 0.00	32.82 -1.58 0.00	32.24 -1.34 0.00	31.78 -1.50 0.00	32.14 -1.41 0.00	37.34 -1.56 0.00	51.36 -2.87 0.00	61.62 -5.14 0.00	47.73 -3.48 0.00	37.08 -2.54 0.00	34.83 -2.11 0.00	32.54 -1.86 0.00	30.69 -2.13 0.00	30.11 -1.72 0.00	30.00 -1.88 0.00	31.48 -1.73 0.00	33.25 -2.20 0.00	36.89 -2.91 0.00	40.72 -3.64 0.00	48.97 -4.49 0.00	44.07 -4.04 0.00	35.43 -3.63 0.00	34.39 -2.99 0.00	31.54 -2.52 0.00
CH_RES_SYRACUSE 23985	35.14 0.00 0.00	34.43 0.03 0.00	33.65 0.07 0.00	33.35 0.07 0.00	33.62 0.07 0.00	38.94 0.04 0.00	54.18 -0.05 0.00	66.63 -0.13 0.00	51.01 -0.20 0.00	39.54 -0.08 0.00	36.94 0.00 0.00	34.36 -0.03 0.00	32.70 -0.13 0.00	31.77 0.00 0.00	31.75 -0.13 0.00	33.24 0.03 0.00	35.48 0.04 0.00	39.68 -0.12 0.00	44.09 -0.26 0.00	53.14 -0.32 0.00	47.78 -0.33 0.00	38.75 -0.31 0.00	37.16 -0.22 0.00	33.86 -0.20 0.00
CLINTON_WT_PWR 323605	33.31 -1.83 0.00	-6.44 -1.68 39.15	-6.54 -1.61 38.50	-6.59 -1.53 38.33	-0.67 -1.51 32.72	37.42 -1.48 0.00	52.28 -1.95 0.00	62.23 -2.47 2.07	49.99 -1.23 0.00	38.87 -0.75 0.00	36.53 -0.41 0.00	34.23 -0.17 0.00	32.76 -0.07 0.00	31.80 -0.03 0.00	31.82 -0.06 0.00	33.17 -0.03 0.00	35.41 -0.04 0.00	39.96 0.16 0.00	44.49 0.13 0.00	53.68 0.21 0.00	48.40 0.29 0.00	39.22 0.16 0.00	37.53 0.15 0.00	34.33 0.27 0.00
CLINTON___LFGE 323618	33.80 -1.34 0.00	-5.79 -1.03 39.15	-5.87 -0.94 38.50	-5.89 -0.83 38.33	0.00 -0.84 32.72	38.20 -0.70 0.00	53.20 -1.03 0.00	63.16 -1.53 2.07	50.81 -0.41 0.00	39.38 -0.24 0.00	37.09 0.15 0.00	34.67 0.27 0.00	33.22 0.40 0.00	32.24 0.41 0.00	32.26 0.38 0.00	33.67 0.46 0.00	35.98 0.53 0.00	40.64 0.84 0.00	45.29 0.93 0.00	54.64 1.17 0.00	49.31 1.20 0.00	39.88 0.82 0.00	38.17 0.79 0.00	35.01 0.95 0.00
COBBLENY_34_KV_TB1 80064	34.01 -1.12 0.00	33.50 -0.89 0.00	32.94 -0.64 0.00	32.58 -0.70 0.00	32.92 -0.64 0.00	38.24 -0.66 0.00	53.20 -1.03 0.00	64.43 -2.34 0.00	49.27 -1.95 0.00	38.15 -1.47 0.00	35.53 -1.40 0.00	33.16 -1.24 0.00	31.28 -1.54 0.00	30.69 -1.15 0.00	30.51 -1.37 0.00	31.98 -1.23 0.00	33.88 -1.56 0.00	37.81 -1.99 0.00	41.70 -2.66 0.00	50.36 -3.10 0.00	45.18 -2.93 0.00	36.21 -2.85 0.00	34.88 -2.50 0.00	32.02 -2.04 0.00
COFFEEN___115KV_TB3 355620	35.28 0.14 0.00	36.27 0.21 -1.66	35.45 0.24 -1.63	35.17 0.27 -1.63	35.28 0.34 -1.39	39.68 0.78 0.00	56.13 1.90 0.00	69.12 2.27 -0.09	51.93 0.72 0.00	39.42 -0.20 0.00	36.60 -0.33 0.00	33.99 -0.41 0.00	32.33 -0.49 0.00	31.39 -0.45 0.00	31.47 -0.41 0.00	33.11 -0.10 0.00	35.37 -0.07 0.00	40.08 0.28 0.00	45.02 0.67 0.00	54.64 1.18 0.00	49.17 1.06 0.00	39.68 0.62 0.00	38.02 0.64 0.00	34.23 0.17 0.00
COLDSPRG_115KV_BK1 355956	34.96 -0.18 0.00	34.54 0.14 0.00	34.12 0.54 0.00	33.74 0.47 0.00	34.19 0.64 0.00	39.76 0.86 0.00	55.32 1.08 0.00	66.90 0.13 0.00	51.37 0.15 0.00	39.70 0.08 0.00	37.01 0.07 0.00	34.54 0.14 0.00	32.47 -0.36 0.00	31.90 0.06 0.00	31.69 -0.19 0.00	33.17 -0.03 0.00	35.05 -0.39 0.00	39.04 -0.76 0.00	42.81 -1.55 0.00	51.59 -1.87 0.00	46.14 -1.97 0.00	36.91 -2.15 0.00	35.59 -1.79 0.00	32.56 -1.50 0.00
COLONIE_LFGE___ 323577	36.76 1.62 0.00	35.91 1.51 0.00	34.99 1.41 0.00	34.64 1.36 0.00	34.90 1.34 0.00	40.46 1.56 0.00	56.51 2.28 0.00	69.57 2.80 0.00	53.06 1.84 0.00	40.85 1.23 0.00	37.93 1.00 0.00	35.29 0.89 0.00	33.71 0.89 0.00	32.53 0.70 0.00	32.61 0.73 0.00	33.94 0.73 0.00	36.40 0.96 0.00	40.91 1.11 0.00	45.95 1.59 0.00	55.44 1.98 0.00	49.94 1.83 0.00	40.54 1.48 0.00	38.72 1.34 0.00	35.25 1.19 0.00
COOPERNY_115KV_TB1 80082	36.12 0.98 0.00	35.29 0.89 0.00	34.35 0.77 0.00	34.01 0.73 0.00	34.29 0.74 0.00	39.68 0.78 0.00	55.37 1.14 0.00	68.43 1.67 0.00	52.40 1.18 0.00	40.57 0.95 0.00	37.68 0.74 0.00	35.05 0.65 0.00	33.52 0.69 0.00	32.47 0.64 0.00	32.55 0.67 0.00	33.84 0.63 0.00	36.15 0.71 0.00	40.72 0.92 0.00	45.51 1.15 0.00	54.85 1.39 0.00	49.36 1.25 0.00	40.15 1.09 0.00	38.31 0.93 0.00	34.88 0.82 0.00
COPENHAGEN_WT_PWR 323753	34.93 -0.21 0.00	35.83 -0.14 -1.57	35.06 -0.07 -1.54	34.75 -0.07 -1.54	34.90 0.03 -1.31	39.21 0.31 0.00	55.32 1.08 0.00	68.25 1.40 -0.08	51.42 0.21 0.00	39.15 -0.47 0.00	36.42 -0.52 0.00	33.78 -0.62 0.00	32.20 -0.62 0.00	31.23 -0.61 0.00	31.31 -0.57 0.00	32.91 -0.30 0.00	35.12 -0.32 0.00	39.76 -0.04 0.00	44.54 0.18 0.00	54.00 0.53 0.00	48.59 0.48 0.00	39.30 0.24 0.00	37.61 0.23 0.00	33.92 -0.14 0.00
CORNELL_____ 23752	35.81 0.67 0.00	35.09 0.69 0.00	34.28 0.71 0.00	33.98 0.70 0.00	34.29 0.74 0.00	39.87 0.97 0.00	55.64 1.41 0.00	68.37 1.60 0.00	52.19 0.97 0.00	40.21 0.59 0.00	37.42 0.48 0.00	34.78 0.38 0.00	33.09 0.26 0.00	32.15 0.32 0.00	32.20 0.32 0.00	33.77 0.56 0.00	36.08 0.64 0.00	40.56 0.76 0.00	45.11 0.75 0.00	54.42 0.96 0.00	48.88 0.77 0.00	39.49 0.43 0.00	37.87 0.49 0.00	34.40 0.34 0.00

CORONA_69_KV_TB1 355595	37.63 2.49 0.00	36.60 2.20 0.00	35.53 1.95 0.00	35.08 1.80 0.00	35.40 1.85 0.00	41.12 2.22 0.00	57.27 3.04 0.00	71.93 4.74 -0.43	54.75 3.53 0.00	49.06 2.89 -6.55	39.37 2.44 0.00	37.62 2.27 -0.95	35.06 2.23 0.00	33.87 2.04 0.00	37.33 2.23 -3.22	35.03 1.83 0.00	37.50 2.06 0.00	42.43 2.63 0.00	47.73 3.37 0.00	57.26 3.80 0.00	51.48 3.37 0.00	45.69 3.09 -3.55	40.03 2.65 0.00	36.31 2.25 0.00
CORTLAND_115KV_TB3 80093	35.56 0.42 0.00	34.85 0.45 0.00	34.05 0.47 0.00	33.74 0.47 0.00	34.02 0.47 0.00	39.48 0.58 0.00	55.10 0.87 0.00	67.77 1.00 0.00	51.73 0.51 0.00	39.94 0.32 0.00	37.20 0.26 0.00	34.61 0.21 0.00	32.96 0.13 0.00	31.99 0.16 0.00	32.04 0.16 0.00	33.54 0.33 0.00	35.80 0.35 0.00	40.20 0.40 0.00	44.71 0.35 0.00	53.94 0.48 0.00	48.50 0.38 0.00	39.22 0.16 0.00	37.57 0.19 0.00	34.20 0.14 0.00
COXSACKIE___GT 23611	37.60 2.46 0.00	36.88 2.48 0.00	35.86 2.28 0.00	35.54 2.26 0.00	35.77 2.21 0.00	41.55 2.65 0.00	58.03 3.79 0.00	71.04 4.28 0.00	53.88 2.66 0.00	41.32 1.70 0.00	38.12 1.18 0.00	35.40 1.00 0.00	33.74 0.92 0.00	32.50 0.67 0.00	32.58 0.70 0.00	33.91 0.70 0.00	36.47 1.03 0.00	41.07 1.27 0.00	46.22 1.86 0.00	55.76 2.30 0.00	50.33 2.21 0.00	40.74 1.68 0.00	39.14 1.76 0.00	35.83 1.77 0.00
CPV_VALLEY___CC1 323721	36.30 1.16 0.00	35.40 1.00 0.00	34.45 0.87 0.00	34.11 0.83 0.00	34.36 0.80 0.00	39.76 0.85 0.00	55.59 1.36 0.00	68.70 1.94 0.00	52.65 1.43 0.00	40.81 1.19 0.00	37.82 0.89 0.00	35.22 0.82 0.00	33.68 0.85 0.00	32.59 0.76 0.00	32.71 0.83 0.00	33.97 0.76 0.00	36.29 0.85 0.00	40.88 1.08 0.00	45.78 1.42 0.00	55.17 1.71 0.00	49.65 1.54 0.00	40.31 1.25 0.00	38.42 1.05 0.00	34.98 0.92 0.00
CPV_VALLEY___CC2 323722	36.30 1.16 0.00	35.40 1.00 0.00	34.45 0.87 0.00	34.11 0.83 0.00	34.36 0.80 0.00	39.76 0.85 0.00	55.59 1.36 0.00	68.70 1.94 0.00	52.65 1.43 0.00	40.81 1.19 0.00	37.82 0.89 0.00	35.22 0.82 0.00	33.68 0.85 0.00	32.59 0.76 0.00	32.71 0.83 0.00	33.97 0.76 0.00	36.29 0.85 0.00	40.88 1.08 0.00	45.78 1.42 0.00	55.17 1.71 0.00	49.65 1.54 0.00	40.31 1.25 0.00	38.42 1.05 0.00	34.98 0.92 0.00
CRESCENT___HYD 24018	36.76 1.62 0.00	35.91 1.51 0.00	34.99 1.41 0.00	34.64 1.36 0.00	34.90 1.34 0.00	40.46 1.56 0.00	56.51 2.28 0.00	69.57 2.80 0.00	53.06 1.84 0.00	40.85 1.23 0.00	37.93 1.00 0.00	35.29 0.89 0.00	33.71 0.89 0.00	32.53 0.70 0.00	32.61 0.73 0.00	33.94 0.73 0.00	36.40 0.96 0.00	40.91 1.11 0.00	45.95 1.59 0.00	55.44 1.98 0.00	49.94 1.83 0.00	40.54 1.48 0.00	38.72 1.34 0.00	35.25 1.19 0.00
CRICKET___VALLEY_CC1 323756	36.68 1.54 0.00	35.74 1.34 0.00	34.75 1.17 0.00	34.44 1.16 0.00	34.69 1.14 0.00	40.11 1.21 0.00	56.13 1.90 0.00	69.24 2.47 0.00	53.06 1.84 0.00	41.04 1.42 0.00	38.01 1.07 0.00	35.40 1.00 0.00	33.85 1.02 0.00	32.76 0.92 0.00	32.87 0.99 0.00	34.10 0.90 0.00	36.50 1.06 0.00	41.15 1.35 0.00	46.22 1.86 0.00	55.76 2.30 0.00	50.18 2.07 0.00	40.78 1.72 0.00	38.80 1.42 0.00	35.28 1.22 0.00
CRICKET___VALLEY_CC2 323757	36.68 1.54 0.00	35.74 1.34 0.00	34.75 1.17 0.00	34.44 1.16 0.00	34.69 1.14 0.00	40.11 1.21 0.00	56.13 1.90 0.00	69.24 2.47 0.00	53.06 1.84 0.00	41.04 1.42 0.00	38.01 1.07 0.00	35.40 1.00 0.00	33.85 1.02 0.00	32.76 0.92 0.00	32.87 0.99 0.00	34.10 0.90 0.00	36.50 1.06 0.00	41.15 1.35 0.00	46.22 1.86 0.00	55.76 2.30 0.00	50.18 2.07 0.00	40.78 1.72 0.00	38.80 1.42 0.00	35.28 1.22 0.00
CRICKET___VALLEY_CC3 323758	36.68 1.54 0.00	35.74 1.34 0.00	34.75 1.17 0.00	34.44 1.16 0.00	34.69 1.14 0.00	40.11 1.21 0.00	56.13 1.90 0.00	69.24 2.47 0.00	53.06 1.84 0.00	41.04 1.42 0.00	38.01 1.07 0.00	35.40 1.00 0.00	33.85 1.02 0.00	32.76 0.92 0.00	32.87 0.99 0.00	34.10 0.90 0.00	36.50 1.06 0.00	41.15 1.35 0.00	46.22 1.86 0.00	55.76 2.30 0.00	50.18 2.07 0.00	40.78 1.72 0.00	38.80 1.42 0.00	35.28 1.22 0.00
CRUCIBLE_METL_DRP 24180	35.14 0.00 0.00	34.43 0.03 0.00	33.65 0.07 0.00	33.35 0.07 0.00	33.62 0.07 0.00	38.98 0.08 0.00	54.29 0.05 0.00	66.76 0.00 0.00	51.12 -0.10 0.00	39.58 -0.04 0.00	37.01 0.07 0.00	34.43 0.03 0.00	32.76 -0.07 0.00	31.83 0.00 0.00	31.85 -0.03 0.00	33.31 0.10 0.00	35.51 0.07 0.00	39.76 -0.04 0.00	44.18 -0.18 0.00	53.25 -0.21 0.00	47.87 -0.24 0.00	38.75 -0.31 0.00	37.16 -0.22 0.00	33.86 -0.20 0.00
DAHOWA___HYDRO 323763	37.32 2.18 0.00	36.50 2.10 0.00	35.56 1.98 0.00	35.17 1.90 0.00	35.46 1.91 0.00	41.19 2.29 0.00	57.65 3.42 0.00	71.04 4.28 0.00	53.93 2.71 0.00	41.25 1.63 0.00	38.19 1.26 0.00	35.47 1.07 0.00	33.85 1.02 0.00	32.66 0.83 0.00	32.84 0.96 0.00	34.34 1.13 0.00	36.86 1.42 0.00	41.55 1.75 0.00	46.71 2.35 0.00	56.45 2.99 0.00	50.80 2.69 0.00	41.17 2.11 0.00	39.40 2.02 0.00	35.76 1.70 0.00
DANC___LFGE 323619	34.72 -0.42 0.00	35.13 -0.34 -1.08	34.34 -0.30 -1.06	34.04 -0.30 -1.06	34.22 -0.23 -0.90	38.78 -0.12 0.00	54.45 0.22 0.00	67.09 0.27 -0.06	50.81 -0.41 0.00	38.95 -0.67 0.00	36.27 -0.66 0.00	33.68 -0.72 0.00	32.10 -0.72 0.00	31.13 -0.70 0.00	31.18 -0.70 0.00	32.71 -0.50 0.00	34.95 -0.50 0.00	39.40 -0.40 0.00	44.00 -0.36 0.00	53.25 -0.21 0.00	47.87 -0.24 0.00	38.79 -0.27 0.00	37.16 -0.22 0.00	33.62 -0.44 0.00
DANSKAMMER___1 23586	37.07 1.93 0.00	36.19 1.79 0.00	35.16 1.58 0.00	34.81 1.53 0.00	35.03 1.47 0.00	40.57 1.67 0.00	56.78 2.55 0.00	70.17 3.40 0.00	53.78 2.56 0.00	41.64 2.02 0.00	38.49 1.55 0.00	35.81 1.41 0.00	34.24 1.41 0.00	33.11 1.27 0.00	33.32 1.44 0.00	34.63 1.43 0.00	36.97 1.52 0.00	41.67 1.87 0.00	46.71 2.35 0.00	56.35 2.88 0.00	50.71 2.60 0.00	41.09 2.03 0.00	39.21 1.83 0.00	35.69 1.63 0.00
DANSKAMMER___2 23589	37.07 1.93 0.00	36.19 1.79 0.00	35.16 1.58 0.00	34.81 1.53 0.00	35.03 1.47 0.00	40.57 1.67 0.00	56.78 2.55 0.00	70.17 3.40 0.00	53.78 2.56 0.00	41.64 2.02 0.00	38.49 1.55 0.00	35.81 1.41 0.00	34.24 1.41 0.00	33.11 1.27 0.00	33.32 1.44 0.00	34.63 1.43 0.00	36.97 1.52 0.00	41.67 1.87 0.00	46.71 2.35 0.00	56.35 2.88 0.00	50.71 2.60 0.00	41.09 2.03 0.00	39.21 1.83 0.00	35.69 1.63 0.00
DANSKAMMER___3 23590	37.07 1.93 0.00	36.19 1.79 0.00	35.16 1.58 0.00	34.81 1.53 0.00	35.03 1.47 0.00	40.57 1.67 0.00	56.78 2.55 0.00	70.17 3.40 0.00	53.78 2.56 0.00	41.64 2.02 0.00	38.49 1.55 0.00	35.81 1.41 0.00	34.24 1.41 0.00	33.11 1.27 0.00	33.32 1.44 0.00	34.63 1.43 0.00	36.97 1.52 0.00	41.67 1.87 0.00	46.71 2.35 0.00	56.35 2.88 0.00	50.71 2.60 0.00	41.09 2.03 0.00	39.21 1.83 0.00	35.69 1.63 0.00

DANSKAMMER___4 23591	37.07 1.93 0.00	36.19 1.79 0.00	35.16 1.58 0.00	34.81 1.53 0.00	35.03 1.47 0.00	40.57 1.67 0.00	56.78 2.55 0.00	70.17 3.40 0.00	53.78 2.56 0.00	41.64 2.02 0.00	38.49 1.55 0.00	35.81 1.41 0.00	34.24 1.41 0.00	33.11 1.27 0.00	33.32 1.44 0.00	34.63 1.43 0.00	36.97 1.52 0.00	41.67 1.87 0.00	46.71 2.35 0.00	56.35 2.88 0.00	50.71 2.60 0.00	41.09 2.03 0.00	39.21 1.83 0.00	35.69 1.63 0.00
DANSKAMMER___DIESEL 23592	37.04 1.90 0.00	36.15 1.75 0.00	35.16 1.58 0.00	34.78 1.50 0.00	35.03 1.48 0.00	40.50 1.59 0.00	56.62 2.39 0.00	69.97 3.20 0.00	53.57 2.36 0.00	41.52 1.90 0.00	38.41 1.48 0.00	35.67 1.27 0.00	34.14 1.31 0.00	33.01 1.18 0.00	33.22 1.34 0.00	34.50 1.30 0.00	36.90 1.45 0.00	41.55 1.75 0.00	46.58 2.22 0.00	56.14 2.67 0.00	50.52 2.41 0.00	41.09 2.03 0.00	39.21 1.83 0.00	35.69 1.63 0.00
DARBY___SOLAR 323810	37.25 2.11 0.00	36.43 2.03 0.00	35.46 1.88 0.00	35.11 1.83 0.00	35.36 1.81 0.00	41.08 2.18 0.00	57.48 3.25 0.00	70.77 4.01 0.00	53.78 2.56 0.00	41.16 1.54 0.00	38.12 1.18 0.00	35.43 1.03 0.00	33.78 0.95 0.00	32.63 0.80 0.00	32.81 0.93 0.00	34.24 1.03 0.00	36.79 1.35 0.00	41.47 1.67 0.00	46.62 2.26 0.00	56.29 2.83 0.00	50.66 2.55 0.00	41.09 2.03 0.00	39.28 1.91 0.00	35.66 1.60 0.00
DASHVILLE___HYD 23610	36.75 1.62 0.00	35.88 1.48 0.00	34.85 1.28 0.00	34.51 1.23 0.00	34.76 1.21 0.00	40.18 1.28 0.00	56.02 1.79 0.00	69.17 2.40 0.00	52.96 1.74 0.00	41.09 1.47 0.00	38.01 1.07 0.00	35.33 0.93 0.00	33.78 0.95 0.00	32.72 0.89 0.00	32.87 0.99 0.00	34.14 0.93 0.00	36.51 1.06 0.00	41.15 1.35 0.00	46.13 1.77 0.00	55.55 2.09 0.00	50.04 1.92 0.00	40.74 1.68 0.00	38.91 1.53 0.00	35.46 1.40 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	37.77 2.64 0.00	36.70 2.30 0.00	35.59 2.01 0.00	35.04 1.76 0.00	35.43 1.88 0.00	41.62 2.72 0.00	58.08 3.85 0.00	72.20 5.01 -0.43	54.80 3.59 0.00	48.94 2.77 -6.55	39.15 2.22 0.00	37.38 2.03 -0.95	34.80 1.97 0.00	33.52 1.69 0.00	37.14 2.04 -3.22	34.83 1.63 0.00	37.43 1.98 0.00	42.59 2.79 0.00	48.62 4.26 0.00	58.54 5.08 0.00	52.39 4.28 0.00	46.48 3.87 -3.55	40.63 3.25 0.00	36.51 2.45 0.00
DELAWARE___LFGE 323621	36.23 1.09 0.00	35.43 1.03 0.00	34.59 1.01 0.00	34.24 0.97 0.00	34.53 0.97 0.00	40.07 1.17 0.00	55.91 1.68 0.00	68.97 2.20 0.00	52.96 1.74 0.00	40.81 1.19 0.00	37.86 0.92 0.00	35.26 0.86 0.00	33.65 0.82 0.00	32.63 0.80 0.00	32.71 0.83 0.00	34.14 0.93 0.00	36.29 0.85 0.00	40.83 1.03 0.00	45.65 1.29 0.00	55.01 1.55 0.00	49.51 1.40 0.00	40.15 1.09 0.00	38.43 1.05 0.00	34.95 0.89 0.00
DERFIELD_115KV_TB7 355931	35.31 0.18 0.00	34.57 0.17 0.00	33.71 0.13 0.00	33.41 0.13 0.00	33.72 0.17 0.00	39.09 0.19 0.00	54.56 0.33 0.00	67.23 0.47 0.00	51.47 0.26 0.00	39.78 0.16 0.00	37.05 0.11 0.00	34.47 0.07 0.00	32.89 0.07 0.00	31.90 0.06 0.00	31.94 0.06 0.00	33.31 0.10 0.00	35.55 0.11 0.00	39.96 0.16 0.00	44.63 0.27 0.00	53.78 0.32 0.00	48.40 0.29 0.00	39.29 0.23 0.00	37.57 0.19 0.00	34.20 0.14 0.00
DOGLEVILLE___HYD 23807	34.40 -0.74 0.00	33.57 -0.83 0.00	32.74 -0.84 0.00	32.48 -0.80 0.00	32.78 -0.77 0.00	38.12 -0.78 0.00	53.36 -0.87 0.00	65.29 -1.47 0.00	50.14 -1.08 0.00	38.83 -0.79 0.00	36.34 -0.59 0.00	33.92 -0.48 0.00	32.37 -0.46 0.00	31.39 -0.45 0.00	31.50 -0.38 0.00	33.01 -0.20 0.00	35.16 -0.28 0.00	39.56 -0.24 0.00	44.18 -0.18 0.00	53.25 -0.21 0.00	47.78 -0.33 0.00	38.63 -0.43 0.00	36.74 -0.64 0.00	33.28 -0.78 0.00
DUNKIRK___115KV_TB_200 55889	34.65 -0.49 0.00	34.23 -0.17 0.00	33.78 0.20 0.00	33.45 0.17 0.00	33.85 0.30 0.00	39.29 0.39 0.00	54.50 0.27 0.00	65.83 -0.93 0.00	50.60 -0.61 0.00	39.15 -0.48 0.00	36.57 -0.37 0.00	34.09 -0.31 0.00	32.10 -0.72 0.00	31.48 -0.35 0.00	31.31 -0.57 0.00	32.78 -0.43 0.00	34.63 -0.82 0.00	38.57 -1.23 0.00	42.36 -2.00 0.00	51.00 -2.46 0.00	45.66 -2.45 0.00	36.60 -2.46 0.00	35.32 -2.06 0.00	32.32 -1.74 0.00
DUNKIRK___1 23563	34.65 -0.49 0.00	34.23 -0.17 0.00	33.78 0.20 0.00	33.45 0.17 0.00	33.85 0.30 0.00	39.29 0.39 0.00	54.50 0.27 0.00	65.83 -0.93 0.00	50.60 -0.61 0.00	39.15 -0.48 0.00	36.57 -0.37 0.00	34.09 -0.31 0.00	32.10 -0.72 0.00	31.48 -0.35 0.00	31.31 -0.57 0.00	32.78 -0.43 0.00	34.63 -0.82 0.00	38.57 -1.23 0.00	42.36 -2.00 0.00	51.00 -2.46 0.00	45.66 -2.45 0.00	36.60 -2.46 0.00	35.32 -2.06 0.00	32.32 -1.74 0.00
DUNKIRK___2 23564	34.65 -0.49 0.00	34.23 -0.17 0.00	33.78 0.20 0.00	33.45 0.17 0.00	33.85 0.30 0.00	39.29 0.39 0.00	54.50 0.27 0.00	65.83 -0.93 0.00	50.60 -0.61 0.00	39.15 -0.48 0.00	36.57 -0.37 0.00	34.09 -0.31 0.00	32.10 -0.72 0.00	31.48 -0.35 0.00	31.31 -0.57 0.00	32.78 -0.43 0.00	34.63 -0.82 0.00	38.57 -1.23 0.00	42.36 -2.00 0.00	51.00 -2.46 0.00	45.66 -2.45 0.00	36.60 -2.46 0.00	35.32 -2.06 0.00	32.32 -1.74 0.00
DUNKIRK___3 23565	34.51 -0.63 0.00	34.02 -0.38 0.00	33.54 -0.03 0.00	33.18 -0.10 0.00	33.59 0.03 0.00	38.98 0.08 0.00	54.07 -0.16 0.00	65.23 -1.54 0.00	50.14 -1.08 0.00	38.87 -0.75 0.00	36.31 -0.63 0.00	33.85 -0.55 0.00	31.91 -0.92 0.00	31.29 -0.54 0.00	31.12 -0.77 0.00	32.61 -0.60 0.00	34.49 -0.96 0.00	38.37 -1.43 0.00	42.23 -2.13 0.00	50.84 -2.62 0.00	45.56 -2.55 0.00	36.52 -2.54 0.00	35.25 -2.13 0.00	32.29 -1.77 0.00
DUNKIRK___4 23566	34.51 -0.63 0.00	34.02 -0.38 0.00	33.54 -0.03 0.00	33.18 -0.10 0.00	33.59 0.03 0.00	38.98 0.08 0.00	54.07 -0.16 0.00	65.23 -1.54 0.00	50.14 -1.08 0.00	38.87 -0.75 0.00	36.31 -0.63 0.00	33.85 -0.55 0.00	31.91 -0.92 0.00	31.29 -0.54 0.00	31.12 -0.77 0.00	32.61 -0.60 0.00	34.49 -0.96 0.00	38.37 -1.43 0.00	42.23 -2.13 0.00	50.84 -2.62 0.00	45.56 -2.55 0.00	36.52 -2.54 0.00	35.25 -2.13 0.00	32.29 -1.77 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	37.11 1.97 0.00	36.19 1.79 0.00	35.16 1.58 0.00	34.78 1.50 0.00	35.06 1.51 0.00	40.53 1.63 0.00	56.56 2.33 0.00	70.17 3.40 0.00	53.83 2.61 0.00	41.76 2.14 0.00	38.67 1.74 0.00	36.02 1.62 0.00	34.50 1.67 0.00	33.39 1.56 0.00	33.51 1.63 0.00	34.73 1.53 0.00	37.11 1.67 0.00	41.83 2.03 0.00	46.89 2.53 0.00	56.40 2.94 0.00	50.80 2.69 0.00	41.40 2.34 0.00	39.36 1.98 0.00	35.83 1.77 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	36.75 1.62 0.00	35.88 1.48 0.00	34.89 1.31 0.00	34.54 1.26 0.00	34.76 1.21 0.00	40.22 1.32 0.00	56.13 1.90 0.00	69.43 2.67 0.00	53.16 1.95 0.00	41.25 1.62 0.00	38.16 1.22 0.00	35.47 1.07 0.00	33.94 1.12 0.00	32.85 1.02 0.00	33.00 1.12 0.00	34.30 1.10 0.00	36.61 1.17 0.00	41.27 1.47 0.00	46.22 1.86 0.00	55.71 2.25 0.00	50.13 2.02 0.00	40.82 1.76 0.00	38.91 1.53 0.00	35.42 1.36 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	37.29 2.14 -0.01	36.30 1.89 -0.01	35.27 1.68 -0.01	34.92 1.63 -0.01	35.17 1.61 -0.01	40.66 1.75 -0.01	56.67 2.44 0.00	70.24 3.47 0.00	54.03 2.82 0.01	41.95 2.34 0.01	38.85 1.92 0.01	36.18 1.79 0.01	34.69 1.87 0.01	33.57 1.75 0.01	33.69 1.82 0.01	34.93 1.73 0.01	37.28 1.84 0.01	42.02 2.23 0.01	47.10 2.75 0.01	56.56 3.10 0.01	51.04 2.93 0.01	41.55 2.50 0.01	39.50 2.13 0.01	35.98 1.91 -0.01
E179THST_13_KV_LOAD 356214	37.43 2.28 -0.01	36.44 2.03 -0.01	35.40 1.81 -0.01	35.02 1.73 -0.01	35.31 1.74 -0.01	40.81 1.91 -0.01	56.89 2.66 0.00	70.50 3.74 0.00	54.28 3.07 0.01	42.11 2.50 0.01	39.03 2.11 0.01	36.32 1.93 0.01	34.82 2.00 0.01	33.70 1.88 0.01	33.82 1.94 0.01	35.09 1.89 0.01	37.45 2.02 0.01	42.22 2.43 0.01	47.28 2.93 0.01	56.82 3.37 0.01	51.23 3.13 0.01	41.75 2.70 0.01	39.65 2.28 0.01	36.15 2.08 -0.01
EAST HAMPTON___GT 23717	38.26 3.13 0.00	37.15 2.75 0.00	35.86 2.28 0.00	35.44 2.16 0.00	35.84 2.28 0.00	42.17 3.27 0.00	59.71 5.48 0.00	73.34 6.14 -0.43	55.68 4.45 -0.01	49.47 3.29 -6.56	39.64 2.69 -0.01	37.87 2.51 -0.96	35.20 2.36 -0.01	33.84 2.01 0.00	37.50 2.39 -3.22	35.27 2.06 0.00	37.89 2.44 0.00	43.14 3.34 0.00	49.38 5.01 -0.01	59.50 6.04 0.00	53.59 5.48 0.00	46.95 4.34 -3.56	41.08 3.70 0.00	36.95 2.89 0.00
EAST RIVER___6 23660	37.35 2.22 0.00	36.36 1.96 0.00	35.29 1.71 0.00	34.98 1.70 0.00	35.23 1.68 0.00	40.73 1.83 0.00	57.05 2.82 0.00	70.57 3.80 0.00	54.45 3.23 0.00	42.16 2.54 0.00	39.04 2.10 0.00	36.43 2.03 0.00	34.83 2.00 0.00	33.71 1.88 0.00	33.86 1.98 0.00	35.10 1.89 0.00	37.43 1.98 0.00	42.23 2.43 0.00	47.29 2.93 0.00	56.99 3.53 0.00	51.24 3.13 0.00	41.60 2.54 0.00	39.51 2.13 0.00	36.00 1.94 0.00
EAST RIVER___7 23524	37.35 2.22 0.00	36.36 1.96 0.00	35.29 1.71 0.00	34.98 1.70 0.00	35.23 1.68 0.00	40.73 1.83 0.00	57.05 2.82 0.00	70.57 3.80 0.00	54.45 3.23 0.00	42.16 2.54 0.00	39.04 2.10 0.00	36.43 2.03 0.00	34.83 2.00 0.00	33.71 1.88 0.00	33.86 1.98 0.00	35.10 1.89 0.00	37.43 1.98 0.00	42.23 2.43 0.00	47.29 2.93 0.00	56.99 3.53 0.00	51.24 3.13 0.00	41.60 2.54 0.00	39.51 2.13 0.00	36.00 1.94 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	37.04 1.90 0.00	36.12 1.72 0.00	35.09 1.51 0.00	34.71 1.43 0.00	35.00 1.44 0.00	40.46 1.56 0.00	56.45 2.22 0.00	70.04 3.27 0.00	53.68 2.46 0.00	41.64 2.02 0.00	38.60 1.66 0.00	35.91 1.51 0.00	34.40 1.58 0.00	33.30 1.46 0.00	33.41 1.53 0.00	34.64 1.43 0.00	37.00 1.56 0.00	41.71 1.91 0.00	46.75 2.40 0.00	56.30 2.83 0.00	50.66 2.55 0.00	41.29 2.23 0.00	39.29 1.91 0.00	35.73 1.67 0.00
EAST_HAMPTON___DIESEL 23722	38.30 3.16 0.00	37.15 2.75 0.00	35.89 2.32 0.00	35.47 2.20 0.00	35.84 2.28 0.00	42.17 3.27 0.00	59.71 5.48 0.00	73.34 6.14 -0.43	55.68 4.45 -0.01	49.51 3.33 -6.56	39.68 2.73 -0.01	37.90 2.55 -0.96	35.23 2.40 -0.01	33.84 2.01 0.00	37.53 2.42 -3.22	35.27 2.06 0.00	37.89 2.44 0.00	43.18 3.38 0.00	49.42 5.06 -0.01	59.50 6.04 0.00	53.59 5.48 0.00	46.95 4.34 -3.56	41.08 3.70 0.00	36.95 2.89 0.00
EAST_POINT___SOLAR 323840	38.41 3.27 0.00	37.63 3.23 0.00	36.67 3.09 0.00	36.31 3.03 0.00	36.61 3.05 0.00	42.75 3.85 0.00	59.60 5.37 0.00	72.90 6.14 0.00	54.54 3.33 0.00	40.77 1.15 0.00	37.75 0.81 0.00	35.02 0.62 0.00	33.85 1.02 0.00	32.72 0.89 0.00	32.71 0.83 0.00	34.47 1.26 0.00	37.46 2.02 0.00	42.91 3.11 0.00	48.31 3.95 0.00	58.44 4.97 0.00	52.53 4.42 0.00	42.69 3.63 0.00	40.75 3.37 0.00	36.85 2.79 0.00
EAST_PULASKI___ESR 323781	34.61 -0.53 0.00	33.92 -0.48 0.00	33.18 -0.40 0.00	32.85 -0.43 0.00	33.15 -0.40 0.00	38.47 -0.43 0.00	53.69 -0.54 0.00	66.10 -0.67 0.00	50.35 -0.87 0.00	38.83 -0.79 0.00	36.27 -0.66 0.00	33.71 -0.69 0.00	32.10 -0.72 0.00	31.16 -0.67 0.00	31.18 -0.70 0.00	32.64 -0.56 0.00	34.87 -0.57 0.00	39.12 -0.68 0.00	43.61 -0.75 0.00	52.66 -0.80 0.00	47.34 -0.77 0.00	38.43 -0.63 0.00	36.82 -0.56 0.00	33.45 -0.61 0.00
EAST_RIVER___1 323558	37.32 2.18 0.00	36.29 1.89 0.00	35.26 1.68 0.00	34.91 1.63 0.00	35.20 1.64 0.00	40.69 1.79 0.00	57.00 2.76 0.00	70.57 3.80 0.00	54.34 3.12 0.00	42.08 2.46 0.00	38.97 2.03 0.00	36.36 1.96 0.00	34.80 1.97 0.00	33.65 1.81 0.00	33.79 1.91 0.00	35.03 1.83 0.00	37.39 1.95 0.00	42.15 2.35 0.00	47.24 2.88 0.00	56.94 3.47 0.00	51.19 3.08 0.00	41.52 2.46 0.00	39.47 2.09 0.00	35.97 1.91 0.00
EAST_RIVER___2 323559	37.35 2.22 0.00	36.36 1.96 0.00	35.29 1.71 0.00	34.98 1.70 0.00	35.23 1.68 0.00	40.73 1.83 0.00	57.05 2.82 0.00	70.57 3.80 0.00	54.45 3.23 0.00	42.16 2.54 0.00	39.04 2.10 0.00	36.43 2.03 0.00	34.83 2.00 0.00	33.71 1.88 0.00	33.86 1.98 0.00	35.10 1.89 0.00	37.43 1.98 0.00	42.23 2.43 0.00	47.29 2.93 0.00	56.99 3.53 0.00	51.24 3.13 0.00	41.60 2.54 0.00	39.51 2.13 0.00	36.00 1.94 0.00
EAST___DELAWARE_HYD 23607	36.79 1.65 0.00	36.02 1.62 0.00	34.99 1.41 0.00	34.68 1.40 0.00	34.90 1.34 0.00	40.38 1.48 0.00	56.51 2.28 0.00	69.70 2.93 0.00	53.37 2.15 0.00	41.32 1.70 0.00	38.15 1.22 0.00	35.47 1.07 0.00	33.78 0.95 0.00	32.66 0.83 0.00	32.84 0.96 0.00	34.17 0.96 0.00	36.54 1.10 0.00	41.23 1.43 0.00	46.18 1.82 0.00	55.71 2.25 0.00	50.13 2.02 0.00	40.62 1.56 0.00	38.80 1.42 0.00	35.32 1.26 0.00
EIGHT_POINT___WT_PWR 323820	34.05 -1.09 0.00	33.37 -1.03 0.00	32.81 -0.77 0.00	32.68 -0.60 0.00	33.15 -0.40 0.00	38.75 -0.15 0.00	54.23 0.00 0.00	66.30 -0.46 0.00	50.66 -0.56 0.00	39.30 -0.32 0.00	36.57 -0.37 0.00	34.06 -0.34 0.00	32.27 -0.56 0.00	31.45 -0.38 0.00	31.31 -0.57 0.00	32.94 -0.27 0.00	35.16 -0.28 0.00	39.36 -0.44 0.00	43.61 -0.75 0.00	52.23 -1.23 0.00	46.71 -1.40 0.00	37.34 -1.72 0.00	35.74 -1.64 0.00	32.29 -1.77 0.00
ELBRIDGE_115KV_TB2 80188	34.96 -0.18 0.00	34.26 -0.14 0.00	33.48 -0.10 0.00	33.18 -0.10 0.00	33.45 -0.10 0.00	38.78 -0.12 0.00	54.01 -0.22 0.00	66.36 -0.40 0.00	50.86 -0.36 0.00	39.34 -0.28 0.00	36.79 -0.15 0.00	34.23 -0.17 0.00	32.56 -0.26 0.00	31.67 -0.16 0.00	31.69 -0.19 0.00	33.11 -0.10 0.00	35.30 -0.14 0.00	39.52 -0.28 0.00	43.92 -0.44 0.00	52.93 -0.53 0.00	47.58 -0.53 0.00	38.55 -0.51 0.00	36.97 -0.41 0.00	33.69 -0.37 0.00
ELEC_TRO_TEK 24086	37.46 2.32 0.00	36.46 2.06 0.00	35.39 1.81 0.00	34.94 1.66 0.00	35.26 1.71 0.00	40.96 2.06 0.00	57.05 2.82 0.00	71.66 4.47 -0.43	54.60 3.38 0.00	48.94 2.77 -6.55	39.26 2.33 0.00	37.48 2.13 -0.95	34.96 2.13 0.00	33.74 1.91 0.00	37.23 2.14 -3.22	34.90 1.69 0.00	37.36 1.91 0.00	42.27 2.47 0.00	47.55 3.19 0.00	57.04 3.58 0.00	51.29 3.18 0.00	45.50 2.89 -3.55	39.88 2.50 0.00	36.17 2.11 0.00

ELLENBURG_WT_PWR 323604	33.31 -1.83 0.00	-6.44 -1.68 39.15	-6.54 -1.61 38.50	-6.59 -1.53 38.33	-0.67 -1.51 32.72	37.42 -1.48 0.00	52.28 -1.95 0.00	62.23 -2.47 2.07	49.99 -1.23 0.00	38.87 -0.75 0.00	36.53 -0.41 0.00	34.23 -0.17 0.00	32.76 -0.07 0.00	31.80 -0.03 0.00	31.82 -0.06 0.00	33.17 -0.03 0.00	35.41 -0.04 0.00	39.96 0.16 0.00	44.49 0.13 0.00	53.68 0.21 0.00	48.40 0.29 0.00	39.22 0.16 0.00	37.53 0.15 0.00	34.33 0.27 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	34.08 -1.05 0.00	33.54 -0.86 0.00	32.97 -0.60 0.00	32.55 -0.73 0.00	32.92 -0.64 0.00	38.24 -0.66 0.00	52.77 -1.46 0.00	63.49 -3.27 0.00	49.12 -2.10 0.00	38.12 -1.51 0.00	35.72 -1.22 0.00	33.33 -1.07 0.00	31.41 -1.41 0.00	30.88 -0.95 0.00	30.73 -1.15 0.00	32.24 -0.96 0.00	34.10 -1.35 0.00	37.89 -1.91 0.00	41.74 -2.62 0.00	50.25 -3.21 0.00	45.13 -2.98 0.00	36.25 -2.81 0.00	35.10 -2.28 0.00	32.19 -1.87 0.00
EMPIRE_CC_1 323656	36.40 1.26 0.00	35.50 1.10 0.00	34.58 1.01 0.00	34.24 0.97 0.00	34.53 0.97 0.00	39.95 1.05 0.00	55.64 1.41 0.00	68.43 1.67 0.00	52.29 1.08 0.00	40.37 0.75 0.00	37.49 0.55 0.00	34.98 0.58 0.00	33.38 0.56 0.00	32.28 0.45 0.00	32.33 0.45 0.00	33.57 0.37 0.00	35.94 0.50 0.00	40.28 0.48 0.00	45.25 0.89 0.00	54.59 1.12 0.00	49.17 1.06 0.00	39.96 0.90 0.00	38.24 0.86 0.00	34.84 0.78 0.00
EMPIRE_CC_2 323658	36.40 1.26 0.00	35.50 1.10 0.00	34.58 1.01 0.00	34.24 0.97 0.00	34.53 0.97 0.00	39.95 1.05 0.00	55.64 1.41 0.00	68.43 1.67 0.00	52.29 1.08 0.00	40.37 0.75 0.00	37.49 0.55 0.00	34.98 0.58 0.00	33.38 0.56 0.00	32.28 0.45 0.00	32.33 0.45 0.00	33.57 0.37 0.00	35.94 0.50 0.00	40.28 0.48 0.00	45.25 0.89 0.00	54.59 1.12 0.00	49.17 1.06 0.00	39.96 0.90 0.00	38.24 0.86 0.00	34.84 0.78 0.00
ENORWICH_115KV_TB1 80156	37.18 2.04 0.00	36.46 2.06 0.00	35.63 2.05 0.00	35.41 2.13 0.00	35.80 2.25 0.00	41.90 3.00 0.00	59.00 4.77 0.00	72.84 6.08 0.00	55.06 3.84 0.00	41.76 2.14 0.00	38.64 1.70 0.00	35.84 1.44 0.00	34.07 1.25 0.00	33.17 1.34 0.00	33.32 1.43 0.00	35.23 2.03 0.00	37.64 2.20 0.00	42.55 2.75 0.00	47.55 3.19 0.00	57.42 3.96 0.00	51.33 3.22 0.00	41.29 2.23 0.00	39.58 2.21 0.00	35.80 1.74 0.00
ERIE_ST_34_KV_TB1-2 80199	34.29 -0.84 0.00	33.71 -0.69 0.00	33.14 -0.44 0.00	32.71 -0.57 0.00	33.08 -0.47 0.00	38.47 -0.43 0.00	53.26 -0.98 0.00	64.16 -2.60 0.00	49.53 -1.69 0.00	38.39 -1.23 0.00	35.90 -1.03 0.00	33.54 -0.86 0.00	31.61 -1.21 0.00	31.07 -0.76 0.00	30.92 -0.96 0.00	32.48 -0.73 0.00	34.34 -1.10 0.00	38.17 -1.63 0.00	42.01 -2.35 0.00	50.68 -2.78 0.00	45.46 -2.65 0.00	36.48 -2.58 0.00	35.25 -2.13 0.00	32.32 -1.74 0.00
ERIE_WT_PWR 323693	34.26 -0.88 0.00	33.71 -0.69 0.00	33.18 -0.40 0.00	32.75 -0.53 0.00	33.08 -0.47 0.00	38.36 -0.54 0.00	53.09 -1.14 0.00	64.30 -2.47 0.00	49.27 -1.95 0.00	38.51 -1.11 0.00	35.98 -0.96 0.00	33.47 -0.93 0.00	31.58 -1.25 0.00	30.94 -0.89 0.00	30.76 -1.12 0.00	32.38 -0.83 0.00	34.41 -1.03 0.00	38.09 -1.71 0.00	42.10 -2.26 0.00	50.42 -3.05 0.00	45.27 -2.84 0.00	36.40 -2.66 0.00	35.29 -2.09 0.00	32.32 -1.74 0.00
ESPRGFLD_115KV_TB1 80157	37.28 2.14 0.00	36.50 2.10 0.00	35.59 2.01 0.00	35.28 2.00 0.00	35.57 2.01 0.00	41.43 2.53 0.00	57.81 3.58 0.00	71.24 4.47 0.00	54.14 2.92 0.00	41.32 1.70 0.00	38.27 1.33 0.00	35.64 1.24 0.00	34.07 1.25 0.00	33.07 1.24 0.00	33.19 1.31 0.00	34.83 1.63 0.00	37.14 1.70 0.00	42.03 2.23 0.00	47.07 2.71 0.00	56.83 3.37 0.00	51.09 2.98 0.00	41.48 2.42 0.00	39.66 2.28 0.00	35.93 1.87 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	35.74 0.60 0.00	35.02 0.62 0.00	34.25 0.67 0.00	33.94 0.67 0.00	34.22 0.67 0.00	39.80 0.89 0.00	55.53 1.30 0.00	68.30 1.54 0.00	52.09 0.87 0.00	40.14 0.52 0.00	37.34 0.41 0.00	34.74 0.34 0.00	33.06 0.23 0.00	32.12 0.29 0.00	32.17 0.29 0.00	33.71 0.50 0.00	36.01 0.57 0.00	40.48 0.68 0.00	45.02 0.67 0.00	54.32 0.86 0.00	48.83 0.72 0.00	39.45 0.39 0.00	37.79 0.41 0.00	34.37 0.31 0.00
ETNA____115KV_TB2 80207	35.74 0.60 0.00	35.02 0.62 0.00	34.25 0.67 0.00	33.94 0.67 0.00	34.22 0.67 0.00	39.80 0.89 0.00	55.53 1.30 0.00	68.30 1.54 0.00	52.09 0.87 0.00	40.14 0.52 0.00	37.34 0.41 0.00	34.74 0.34 0.00	33.06 0.23 0.00	32.12 0.29 0.00	32.17 0.29 0.00	33.71 0.50 0.00	36.01 0.57 0.00	40.48 0.68 0.00	45.02 0.67 0.00	54.32 0.86 0.00	48.83 0.72 0.00	39.45 0.39 0.00	37.79 0.41 0.00	34.37 0.31 0.00
EUCLID____115KV_TB2 356179	34.82 -0.32 0.00	34.09 -0.31 0.00	33.31 -0.27 0.00	33.01 -0.27 0.00	33.28 -0.27 0.00	38.59 -0.31 0.00	53.69 -0.54 0.00	66.03 -0.73 0.00	50.60 -0.61 0.00	39.18 -0.44 0.00	36.64 -0.30 0.00	34.09 -0.31 0.00	32.47 -0.36 0.00	31.55 -0.29 0.00	31.56 -0.32 0.00	32.97 -0.23 0.00	35.16 -0.28 0.00	39.36 -0.44 0.00	43.74 -0.62 0.00	52.71 -0.75 0.00	47.44 -0.67 0.00	38.40 -0.66 0.00	36.82 -0.56 0.00	33.55 -0.51 0.00
E_CANADA_CAP_HY 24051	38.05 2.91 0.00	37.29 2.89 0.00	36.33 2.75 0.00	35.97 2.69 0.00	36.27 2.72 0.00	42.28 3.38 0.00	58.90 4.66 0.00	72.37 5.61 0.00	54.65 3.43 0.00	41.41 1.78 0.00	38.30 1.37 0.00	35.78 1.38 0.00	34.27 1.44 0.00	33.17 1.34 0.00	33.28 1.40 0.00	34.97 1.76 0.00	37.46 2.02 0.00	42.51 2.71 0.00	47.78 3.42 0.00	57.74 4.28 0.00	51.91 3.80 0.00	42.30 3.24 0.00	40.37 2.99 0.00	36.58 2.52 0.00
E_CANADA_MHWK_HY 24050	34.40 -0.74 0.00	33.57 -0.83 0.00	32.74 -0.84 0.00	32.48 -0.80 0.00	32.78 -0.77 0.00	38.12 -0.78 0.00	53.36 -0.87 0.00	65.29 -1.47 0.00	50.14 -1.08 0.00	38.83 -0.79 0.00	36.34 -0.59 0.00	33.92 -0.48 0.00	32.37 -0.46 0.00	31.39 -0.45 0.00	31.50 -0.38 0.00	33.01 -0.20 0.00	35.16 -0.28 0.00	39.56 -0.24 0.00	44.18 -0.18 0.00	53.25 -0.21 0.00	47.78 -0.33 0.00	38.63 -0.43 0.00	36.74 -0.64 0.00	33.28 -0.78 0.00
E_FISHKILL____LBMP 23776	36.79 1.65 0.00	35.88 1.48 0.00	34.89 1.31 0.00	34.54 1.26 0.00	34.79 1.24 0.00	40.22 1.32 0.00	56.13 1.90 0.00	69.50 2.74 0.00	53.27 2.05 0.00	41.28 1.66 0.00	38.23 1.29 0.00	35.57 1.17 0.00	34.07 1.25 0.00	32.98 1.15 0.00	33.09 1.21 0.00	34.34 1.13 0.00	36.68 1.24 0.00	41.35 1.55 0.00	46.36 2.00 0.00	55.81 2.35 0.00	50.23 2.12 0.00	40.93 1.87 0.00	38.99 1.61 0.00	35.46 1.40 0.00
FALCON____SEABRD_CC1 323796	33.59 -1.55 0.00	-6.13 -1.38 39.15	-6.20 -1.28 38.50	-6.25 -1.20 38.33	-0.37 -1.21 32.72	37.81 -1.09 0.00	52.55 -1.68 0.00	62.16 -2.54 2.07	50.24 -0.97 0.00	39.03 -0.59 0.00	36.72 -0.22 0.00	34.40 0.00 0.00	32.93 0.10 0.00	31.96 0.13 0.00	31.98 0.10 0.00	33.34 0.13 0.00	35.62 0.18 0.00	40.20 0.40 0.00	44.76 0.40 0.00	54.05 0.59 0.00	48.73 0.62 0.00	39.45 0.39 0.00	37.75 0.37 0.00	34.71 0.65 0.00

FALCON___SEABRD_CC2 323797	33.59 -1.55 0.00	-6.13 -1.38 39.15	-6.20 -1.28 38.50	-6.25 -1.20 38.33	-0.37 -1.21 32.72	37.81 -1.09 0.00	52.55 -1.68 0.00	62.16 -2.54 2.07	50.24 -0.97 0.00	39.03 -0.59 0.00	36.72 -0.22 0.00	34.40 0.00 0.00	32.93 0.10 0.00	31.96 0.13 0.00	31.98 0.10 0.00	33.34 0.13 0.00	35.62 0.18 0.00	40.20 0.40 0.00	44.76 0.40 0.00	54.05 0.59 0.00	48.73 0.62 0.00	39.45 0.39 0.00	37.75 0.37 0.00	34.71 0.65 0.00
FAR ROCKAWAY___4 23548	37.84 2.71 0.00	36.84 2.44 0.00	35.73 2.15 0.00	35.28 2.00 0.00	35.60 2.05 0.00	41.35 2.45 0.00	57.65 3.42 0.00	72.40 5.21 -0.43	55.11 3.89 0.00	49.30 3.13 -6.55	39.60 2.66 0.00	37.83 2.48 -0.95	35.26 2.43 0.00	34.03 2.20 0.00	37.52 2.42 -3.22	35.23 2.03 0.00	37.75 2.30 0.00	42.71 2.91 0.00	48.09 3.73 0.00	57.69 4.22 0.00	51.82 3.70 0.00	45.97 3.36 -3.55	40.30 2.92 0.00	36.55 2.49 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	37.25 2.11 0.00	36.29 1.89 0.00	35.22 1.65 0.00	34.88 1.60 0.00	35.16 1.61 0.00	40.61 1.71 0.00	56.73 2.49 0.00	70.30 3.54 0.00	54.09 2.87 0.00	41.96 2.34 0.00	38.86 1.92 0.00	36.19 1.79 0.00	34.70 1.87 0.00	33.58 1.75 0.00	33.70 1.82 0.00	34.93 1.73 0.00	37.29 1.84 0.00	42.03 2.23 0.00	47.07 2.71 0.00	56.62 3.15 0.00	51.00 2.89 0.00	41.56 2.50 0.00	39.47 2.09 0.00	35.97 1.91 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	37.25 2.11 0.00	36.29 1.89 0.00	35.22 1.65 0.00	34.88 1.60 0.00	35.16 1.61 0.00	40.61 1.71 0.00	56.73 2.49 0.00	70.30 3.54 0.00	54.03 2.82 0.00	41.96 2.34 0.00	38.86 1.92 0.00	36.19 1.79 0.00	34.66 1.84 0.00	33.58 1.75 0.00	33.70 1.82 0.00	34.93 1.73 0.00	37.29 1.84 0.00	42.03 2.23 0.00	47.07 2.71 0.00	56.62 3.15 0.00	51.00 2.89 0.00	41.56 2.50 0.00	39.51 2.13 0.00	35.97 1.91 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	37.21 2.07 0.00	36.26 1.86 0.00	35.22 1.65 0.00	34.88 1.60 0.00	35.13 1.58 0.00	40.57 1.67 0.00	56.67 2.44 0.00	70.30 3.54 0.00	54.03 2.82 0.00	41.96 2.34 0.00	38.86 1.92 0.00	36.15 1.75 0.00	34.66 1.84 0.00	33.55 1.72 0.00	33.67 1.79 0.00	34.90 1.69 0.00	37.25 1.81 0.00	41.99 2.19 0.00	47.07 2.71 0.00	56.56 3.10 0.00	50.95 2.84 0.00	41.52 2.46 0.00	39.47 2.09 0.00	35.97 1.91 0.00
FARRAGUT___LBMP 323566	37.21 2.07 0.00	36.22 1.82 0.00	35.19 1.61 0.00	34.84 1.56 0.00	35.13 1.58 0.00	40.57 1.67 0.00	56.67 2.44 0.00	70.24 3.47 0.00	53.98 2.77 0.00	41.92 2.30 0.00	38.82 1.88 0.00	36.12 1.72 0.00	34.63 1.81 0.00	33.52 1.69 0.00	33.63 1.75 0.00	34.87 1.66 0.00	37.21 1.77 0.00	41.99 2.19 0.00	47.02 2.66 0.00	56.51 3.05 0.00	50.95 2.84 0.00	41.48 2.42 0.00	39.44 2.06 0.00	35.93 1.87 0.00
FENNER___WINDPWR 24204	35.77 0.63 0.00	35.02 0.62 0.00	34.21 0.64 0.00	33.91 0.63 0.00	34.22 0.67 0.00	39.76 0.85 0.00	55.64 1.41 0.00	68.50 1.73 0.00	52.24 1.02 0.00	40.18 0.55 0.00	37.42 0.48 0.00	34.78 0.38 0.00	33.12 0.29 0.00	32.15 0.32 0.00	32.23 0.35 0.00	33.74 0.53 0.00	36.01 0.57 0.00	40.52 0.72 0.00	45.16 0.80 0.00	54.48 1.01 0.00	48.98 0.87 0.00	39.65 0.59 0.00	37.98 0.60 0.00	34.50 0.44 0.00
FIBERTEK___ENERGY 23856	35.14 0.00 0.00	34.43 0.03 0.00	33.65 0.07 0.00	33.35 0.07 0.00	33.62 0.07 0.00	38.98 0.08 0.00	54.29 0.05 0.00	66.76 0.00 0.00	51.12 -0.10 0.00	39.58 -0.04 0.00	37.01 0.07 0.00	34.43 0.03 0.00	32.76 -0.07 0.00	31.83 0.00 0.00	31.85 -0.03 0.00	33.31 0.10 0.00	35.51 0.07 0.00	39.76 -0.04 0.00	44.18 -0.18 0.00	53.25 -0.21 0.00	47.87 -0.24 0.00	38.75 -0.31 0.00	37.16 -0.22 0.00	33.86 -0.20 0.00
FITZPATRICK____ 23598	34.22 -0.91 0.00	33.54 -0.86 0.00	32.77 -0.81 0.00	32.48 -0.80 0.00	32.75 -0.81 0.00	37.89 -1.01 0.00	52.61 -1.63 0.00	64.69 -2.07 0.00	49.58 -1.64 0.00	38.43 -1.19 0.00	35.98 -0.96 0.00	33.50 -0.89 0.00	31.94 -0.88 0.00	31.00 -0.83 0.00	31.02 -0.86 0.00	32.38 -0.83 0.00	34.56 -0.88 0.00	38.61 -1.19 0.00	42.94 -1.42 0.00	51.70 -1.76 0.00	46.52 -1.59 0.00	37.85 -1.21 0.00	36.26 -1.12 0.00	33.07 -0.99 0.00
FLOWRFLD_69_KV_BK1 356044	37.56 2.42 0.00	36.53 2.13 0.00	35.43 1.85 0.00	34.91 1.63 0.00	35.26 1.71 0.00	41.23 2.33 0.00	57.43 3.20 0.00	71.53 4.34 -0.43	54.55 3.33 0.00	48.86 2.69 -6.55	39.12 2.18 0.00	37.38 2.03 -0.95	34.83 2.00 0.00	33.58 1.75 0.00	37.14 2.04 -3.22	34.80 1.59 0.00	37.39 1.95 0.00	42.43 2.63 0.00	48.13 3.77 0.00	57.74 4.28 0.00	51.77 3.66 0.00	46.01 3.40 -3.55	40.26 2.88 0.00	36.31 2.25 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	37.11 1.97 0.00	36.22 1.82 0.00	35.19 1.61 0.00	34.84 1.56 0.00	35.10 1.54 0.00	40.57 1.67 0.00	56.67 2.44 0.00	70.04 3.27 0.00	53.62 2.41 0.00	41.60 1.98 0.00	38.45 1.51 0.00	35.71 1.31 0.00	34.17 1.35 0.00	33.07 1.24 0.00	33.25 1.37 0.00	34.57 1.36 0.00	36.93 1.49 0.00	41.63 1.83 0.00	46.62 2.26 0.00	56.19 2.73 0.00	50.56 2.45 0.00	41.17 2.11 0.00	39.29 1.91 0.00	35.76 1.70 0.00
FORT ORANGE____ 23900	36.76 1.62 0.00	35.91 1.51 0.00	34.96 1.38 0.00	34.61 1.33 0.00	34.90 1.34 0.00	40.46 1.56 0.00	56.40 2.17 0.00	69.44 2.67 0.00	53.01 1.79 0.00	40.85 1.23 0.00	37.86 0.92 0.00	35.26 0.86 0.00	33.68 0.85 0.00	32.44 0.60 0.00	32.39 0.51 0.00	33.54 0.33 0.00	35.90 0.46 0.00	40.28 0.48 0.00	45.16 0.80 0.00	54.48 1.01 0.00	49.07 0.96 0.00	39.88 0.82 0.00	38.17 0.79 0.00	34.91 0.85 0.00
FORT_DRUM_COGEN 23780	34.93 -0.21 0.00	36.03 -0.14 -1.76	35.25 -0.07 -1.74	34.94 -0.07 -1.73	35.06 0.03 -1.47	39.29 0.39 0.00	55.53 1.30 0.00	68.53 1.67 -0.09	51.58 0.36 0.00	39.22 -0.40 0.00	36.46 -0.48 0.00	33.85 -0.55 0.00	32.24 -0.59 0.00	31.29 -0.54 0.00	31.37 -0.51 0.00	32.94 -0.27 0.00	35.19 -0.25 0.00	39.80 0.00 0.00	44.67 0.31 0.00	54.16 0.70 0.00	48.74 0.63 0.00	39.33 0.27 0.00	37.68 0.30 0.00	33.96 -0.10 0.00
FOX_HILLS___ESR 323835	53.36 2.46 -15.76	52.74 2.27 -16.07	52.15 2.05 -16.52	52.11 1.96 -16.87	52.74 1.95 -17.24	52.72 2.10 -11.72	57.05 2.82 0.00	70.70 3.94 0.00	59.55 3.07 -5.25	68.08 2.50 -25.96	69.29 2.03 -30.32	61.52 1.89 -25.23	62.95 1.97 -28.15	75.76 1.88 -42.05	66.87 1.94 -33.04	56.07 1.83 -21.04	56.39 1.95 -19.00	57.30 2.35 -15.15	57.31 2.88 -10.07	67.77 3.53 -10.78	58.70 3.13 -7.46	59.37 2.70 -17.62	54.77 2.43 -14.96	53.32 2.15 -17.11
FPL FAR_ROCK_GT1 24212	37.91 2.78 0.00	36.84 2.44 0.00	35.70 2.12 0.00	35.31 2.03 0.00	35.63 2.08 0.00	41.43 2.53 0.00	58.08 3.85 0.00	72.60 5.41 -0.43	55.37 4.15 -0.01	49.43 3.25 -6.56	39.75 2.81 -0.01	38.01 2.65 -0.96	35.36 2.53 -0.01	34.13 2.29 0.00	37.62 2.52 -3.22	35.36 2.16 0.00	37.85 2.41 0.00	42.82 3.02 0.00	48.22 3.86 -0.01	57.95 4.49 0.00	52.10 3.99 0.00	45.98 3.36 -3.56	40.30 2.92 0.00	36.54 2.49 0.00



FPL FAR_ROCK_GT2 23815	37.91 2.78 0.00	36.84 2.44 0.00	35.70 2.12 0.00	35.31 2.03 0.00	35.63 2.08 0.00	41.43 2.53 0.00	58.08 3.85 0.00	72.60 5.41 -0.43	55.37 4.15 -0.01	49.43 3.25 -6.56	39.75 2.81 -0.01	38.01 2.65 -0.96	35.36 2.53 -0.01	34.13 2.29 0.00	37.62 2.52 -3.22	35.36 2.16 0.00	37.85 2.41 0.00	42.82 3.02 0.00	48.22 3.86 -0.01	57.95 4.49 0.00	52.10 3.99 0.00	45.98 3.36 -3.56	40.30 2.92 0.00	36.54 2.49 0.00
FRANKLIN_FALL_HYD 24054	33.45 -1.69 0.00	60.49 -1.48 -27.57	59.35 -1.34 -27.11	59.07 -1.20 -26.99	55.38 -1.21 -23.04	37.89 -1.01 0.00	53.09 -1.14 0.00	66.82 -1.40 -1.46	50.55 -0.67 0.00	39.15 -0.48 0.00	36.79 -0.15 0.00	34.40 0.00 0.00	32.92 0.10 0.00	31.93 0.10 0.00	31.98 0.10 0.00	33.31 0.10 0.00	35.58 0.14 0.00	40.12 0.32 0.00	44.71 0.35 0.00	54.00 0.53 0.00	48.69 0.58 0.00	39.41 0.35 0.00	37.72 0.34 0.00	34.40 0.34 0.00
FREEPORT_EQUS_GT1 23764	37.77 2.64 0.00	36.67 2.27 0.00	35.53 1.95 0.00	35.14 1.86 0.00	35.46 1.91 0.00	41.27 2.37 0.00	57.81 3.58 0.00	72.27 5.07 -0.43	55.12 3.89 -0.01	49.23 3.05 -6.56	39.53 2.58 -0.01	37.80 2.44 -0.96	35.17 2.33 -0.01	33.93 2.10 0.00	37.43 2.33 -3.22	35.13 1.93 0.00	37.64 2.20 0.00	42.63 2.83 0.00	48.05 3.68 -0.01	57.68 4.22 0.00	51.87 3.76 0.00	45.82 3.20 -3.56	40.11 2.73 0.00	36.41 2.35 0.00
FREEPORT___CT2 23818	37.77 2.64 0.00	36.67 2.27 0.00	35.53 1.95 0.00	35.14 1.86 0.00	35.46 1.91 0.00	41.27 2.37 0.00	57.81 3.58 0.00	72.27 5.07 -0.43	55.12 3.89 -0.01	49.23 3.05 -6.56	39.53 2.58 -0.01	37.80 2.44 -0.96	35.17 2.33 -0.01	33.93 2.10 0.00	37.43 2.33 -3.22	35.13 1.93 0.00	37.64 2.20 0.00	42.63 2.83 0.00	48.05 3.68 -0.01	57.68 4.22 0.00	51.87 3.76 0.00	45.82 3.20 -3.56	40.11 2.73 0.00	36.41 2.35 0.00
FRESHKLS_33_KV_LOAD 356253	53.32 2.42 -15.76	52.74 2.27 -16.07	52.15 2.05 -16.52	52.11 1.96 -16.87	52.71 1.91 -17.24	52.64 2.02 -11.72	56.94 2.71 0.00	70.49 3.74 0.01	58.32 2.87 -4.23	56.47 2.34 -14.51	54.62 1.88 -15.80	54.52 1.75 -18.36	54.47 1.84 -19.81	56.00 1.75 -22.42	55.97 1.82 -22.27	55.94 1.69 -21.04	56.29 1.84 -19.00	57.18 2.23 -15.15	57.18 2.75 -10.07	57.26 3.37 -0.43	57.72 2.98 -6.63	57.30 2.58 -15.66	54.73 2.39 -14.96	53.25 2.08 -17.11
FULTON COGEN____ 23766	34.61 -0.53 0.00	33.88 -0.52 0.00	33.11 -0.47 0.00	32.81 -0.47 0.00	33.08 -0.47 0.00	38.32 -0.58 0.00	53.36 -0.87 0.00	65.63 -1.13 0.00	50.30 -0.92 0.00	38.91 -0.71 0.00	36.42 -0.52 0.00	33.88 -0.52 0.00	32.27 -0.56 0.00	31.35 -0.51 0.00	31.37 -0.40 0.00	32.81 -0.40 0.00	34.98 -0.46 0.00	39.12 -0.68 0.00	43.47 -0.89 0.00	52.45 -1.02 0.00	47.15 -0.96 0.00	38.20 -0.86 0.00	36.63 -0.75 0.00	33.38 -0.68 0.00
FULTON___LFGE 323630	38.02 2.88 0.00	37.25 2.85 0.00	36.30 2.72 0.00	35.94 2.66 0.00	36.24 2.69 0.00	42.25 3.35 0.00	59.00 4.77 0.00	72.51 5.74 0.00	54.70 3.48 0.00	41.52 1.90 0.00	38.42 1.48 0.00	35.78 1.38 0.00	34.24 1.41 0.00	33.14 1.31 0.00	33.28 1.40 0.00	34.93 1.73 0.00	37.53 2.09 0.00	42.51 2.71 0.00	47.73 3.37 0.00	57.74 4.28 0.00	51.91 3.80 0.00	42.19 3.13 0.00	40.26 2.88 0.00	36.48 2.42 0.00
G.F.CEMENT___DRP 24184	37.63 2.49 0.00	36.84 2.44 0.00	35.86 2.28 0.00	35.48 2.20 0.00	35.77 2.21 0.00	41.62 2.72 0.00	58.19 3.96 0.00	71.70 4.94 0.00	54.29 3.07 0.00	41.56 1.94 0.00	38.45 1.51 0.00	35.71 1.31 0.00	34.04 1.21 0.00	32.82 0.99 0.00	33.03 1.15 0.00	34.54 1.33 0.00	37.11 1.67 0.00	41.87 2.07 0.00	47.07 2.71 0.00	56.83 3.37 0.00	51.09 2.98 0.00	41.52 2.46 0.00	39.73 2.35 0.00	36.04 1.98 0.00
GARDENVILLE___LBMP 24039	34.15 -0.98 0.00	33.61 -0.79 0.00	33.07 -0.50 0.00	32.65 -0.63 0.00	33.02 -0.54 0.00	38.36 -0.54 0.00	52.98 -1.25 0.00	63.76 -3.00 0.00	49.27 -1.95 0.00	38.23 -1.39 0.00	35.79 -1.15 0.00	33.44 -0.96 0.00	31.51 -1.31 0.00	30.94 -0.89 0.00	30.80 -1.08 0.00	32.34 -0.86 0.00	34.17 -1.28 0.00	37.97 -1.83 0.00	41.83 -2.53 0.00	50.36 -3.10 0.00	45.22 -2.89 0.00	36.33 -2.73 0.00	35.17 -2.21 0.00	32.22 -1.84 0.00
GARDNVLA_35_KV_LD 355827	34.37 -0.77 0.00	33.78 -0.62 0.00	33.24 -0.34 0.00	32.81 -0.47 0.00	33.18 -0.37 0.00	38.55 -0.35 0.00	53.26 -0.98 0.00	64.09 -2.67 0.00	49.58 -1.64 0.00	38.43 -1.19 0.00	36.01 -0.92 0.00	33.64 -0.76 0.00	31.68 -1.15 0.00	31.16 -0.67 0.00	31.02 -0.86 0.00	32.58 -0.63 0.00	34.41 -1.03 0.00	38.21 -1.59 0.00	42.10 -2.26 0.00	50.68 -2.78 0.00	45.51 -2.60 0.00	36.52 -2.54 0.00	35.36 -2.02 0.00	32.39 -1.67 0.00
GELCKHM___115KV_LOAD 80723	34.93 -0.21 0.00	34.23 -0.17 0.00	33.44 -0.13 0.00	33.15 -0.13 0.00	33.38 -0.17 0.00	38.71 -0.19 0.00	53.91 -0.33 0.00	66.30 -0.47 0.00	50.81 -0.41 0.00	39.30 -0.32 0.00	36.75 -0.18 0.00	34.23 -0.17 0.00	32.56 -0.26 0.00	31.64 -0.19 0.00	31.66 -0.22 0.00	33.11 -0.10 0.00	35.30 -0.14 0.00	39.52 -0.28 0.00	43.92 -0.44 0.00	52.93 -0.53 0.00	47.58 -0.53 0.00	38.55 -0.51 0.00	36.93 -0.45 0.00	33.65 -0.41 0.00
GENERAL___MILLS 23808	34.26 -0.88 0.00	33.68 -0.72 0.00	33.14 -0.44 0.00	32.71 -0.57 0.00	33.08 -0.47 0.00	38.47 -0.43 0.00	53.09 -1.14 0.00	63.89 -2.87 0.00	49.37 -1.84 0.00	38.31 -1.31 0.00	35.90 -1.03 0.00	33.50 -0.89 0.00	31.58 -1.25 0.00	31.04 -0.80 0.00	30.89 -0.99 0.00	32.41 -0.80 0.00	34.27 -1.17 0.00	38.09 -1.71 0.00	41.92 -2.44 0.00	50.52 -2.94 0.00	45.32 -2.79 0.00	36.40 -2.66 0.00	35.25 -2.13 0.00	32.29 -1.77 0.00
GE_PLASTICS___DRP 24183	36.40 1.26 0.00	35.57 1.17 0.00	34.65 1.07 0.00	34.31 1.03 0.00	34.59 1.04 0.00	40.07 1.17 0.00	55.80 1.57 0.00	68.70 1.94 0.00	52.55 1.33 0.00	40.57 0.95 0.00	37.64 0.70 0.00	35.05 0.65 0.00	33.48 0.66 0.00	32.31 0.48 0.00	32.30 0.41 0.00	33.51 0.30 0.00	35.83 0.39 0.00	40.20 0.40 0.00	45.07 0.71 0.00	54.32 0.86 0.00	48.88 0.77 0.00	39.80 0.74 0.00	38.09 0.71 0.00	34.78 0.72 0.00
GILBOA___1 23756	36.16 1.02 0.00	35.33 0.93 0.00	34.42 0.84 0.00	34.08 0.80 0.00	34.36 0.80 0.00	39.80 0.90 0.00	55.42 1.19 0.00	68.30 1.54 0.00	52.44 1.23 0.00	40.53 0.91 0.00	37.64 0.70 0.00	35.05 0.65 0.00	33.48 0.66 0.00	32.53 0.70 0.00	32.61 0.73 0.00	33.77 0.56 0.00	36.08 0.64 0.00	40.55 0.75 0.00	45.42 1.06 0.00	54.74 1.28 0.00	49.26 1.15 0.00	40.00 0.94 0.00	38.24 0.86 0.00	34.81 0.75 0.00
GILBOA___2 23757	36.16 1.02 0.00	35.33 0.93 0.00	34.42 0.84 0.00	34.08 0.80 0.00	34.36 0.80 0.00	39.80 0.90 0.00	55.42 1.19 0.00	68.30 1.54 0.00	52.44 1.23 0.00	40.53 0.91 0.00	37.64 0.70 0.00	35.05 0.65 0.00	33.48 0.66 0.00	32.53 0.70 0.00	32.61 0.73 0.00	33.77 0.56 0.00	36.08 0.64 0.00	40.55 0.75 0.00	45.42 1.06 0.00	54.74 1.28 0.00	49.26 1.15 0.00	40.00 0.94 0.00	38.24 0.86 0.00	34.81 0.75 0.00

GILBOA___3 23758	36.16 1.02 0.00	35.33 0.93 0.00	34.42 0.84 0.00	34.08 0.80 0.00	34.36 0.80 0.00	39.80 0.90 0.00	55.42 1.19 0.00	68.30 1.54 0.00	52.44 1.23 0.00	40.53 0.91 0.00	37.64 0.70 0.00	35.05 0.65 0.00	33.48 0.66 0.00	32.53 0.70 0.00	32.61 0.73 0.00	33.77 0.56 0.00	36.08 0.64 0.00	40.55 0.75 0.00	45.42 1.06 0.00	54.74 1.28 0.00	49.26 1.15 0.00	40.00 0.94 0.00	38.24 0.86 0.00	34.81 0.75 0.00
GILBOA___4 23759	36.16 1.02 0.00	35.33 0.93 0.00	34.42 0.84 0.00	34.08 0.80 0.00	34.36 0.80 0.00	39.80 0.90 0.00	55.42 1.19 0.00	68.30 1.54 0.00	52.44 1.23 0.00	40.53 0.91 0.00	37.64 0.70 0.00	35.05 0.65 0.00	33.48 0.66 0.00	32.53 0.70 0.00	32.61 0.73 0.00	33.77 0.56 0.00	36.08 0.64 0.00	40.55 0.75 0.00	45.42 1.06 0.00	54.74 1.28 0.00	49.26 1.15 0.00	40.00 0.94 0.00	38.24 0.86 0.00	34.81 0.75 0.00
GILBOA___ 23599	36.16 1.02 0.00	35.33 0.93 0.00	34.42 0.84 0.00	34.08 0.80 0.00	34.36 0.81 0.00	39.76 0.86 0.00	55.32 1.08 0.00	68.23 1.47 0.00	52.34 1.13 0.00	40.49 0.87 0.00	37.56 0.63 0.00	34.98 0.58 0.00	33.42 0.59 0.00	32.37 0.54 0.00	32.42 0.54 0.00	33.74 0.53 0.00	36.05 0.60 0.00	40.52 0.72 0.00	45.34 0.98 0.00	54.64 1.18 0.00	49.17 1.06 0.00	40.00 0.94 0.00	38.24 0.86 0.00	34.81 0.75 0.00
GINNA___ 23603	33.03 -2.11 0.00	32.40 -2.00 0.00	31.80 -1.78 0.00	31.45 -1.83 0.00	31.77 -1.78 0.00	36.88 -2.02 0.00	51.14 -3.09 0.00	62.62 -4.14 0.00	48.04 -3.18 0.00	37.32 -2.30 0.00	34.94 -2.00 0.00	32.47 -1.93 0.00	30.76 -2.07 0.00	30.05 -1.78 0.00	29.97 -1.91 0.00	31.45 -1.76 0.00	33.49 -1.95 0.00	37.41 -2.39 0.00	41.43 -2.93 0.00	49.77 -3.69 0.00	44.89 -3.22 0.00	36.29 -2.77 0.00	34.88 -2.50 0.00	31.78 -2.28 0.00
GLEN PARK___ 23778	35.17 0.04 0.00	36.18 0.10 -1.67	35.39 0.17 -1.65	35.12 0.20 -1.64	35.22 0.27 -1.40	39.52 0.62 0.00	55.91 1.68 0.00	68.92 2.07 -0.09	51.78 0.56 0.00	39.35 -0.28 0.00	36.53 -0.41 0.00	33.88 -0.52 0.00	32.27 -0.56 0.00	31.32 -0.51 0.00	31.40 -0.48 0.00	33.04 -0.17 0.00	35.30 0.20 0.00	40.00 0.53 0.00	44.89 1.01 0.00	54.48 0.91 0.00	49.02 0.55 0.00	39.61 0.56 0.00	37.94 0.56 0.00	34.16 0.10 0.00
GLENDALE_27_KV_LOAD 356172	38.15 2.42 -0.58	36.57 2.17 -0.01	35.53 1.95 -0.01	35.80 1.90 -0.62	36.10 1.91 -0.64	41.40 2.06 -0.44	57.16 2.93 0.00	70.84 4.07 0.00	55.68 3.28 -1.19	54.27 2.65 -11.99	54.31 2.25 -15.12	44.01 2.06 -7.54	44.04 2.13 -9.08	54.30 2.01 -20.46	45.55 2.07 -11.60	55.00 1.99 -19.80	55.03 2.13 -17.46	55.82 2.59 -13.43	54.27 3.11 -6.81	58.59 3.58 -1.54	52.51 3.32 -1.08	44.41 2.81 -2.54	40.36 2.43 -0.55	36.91 2.21 -0.63
GLENWOOD_IC_1_G5 23712	37.77 2.64 0.00	36.74 2.34 0.00	35.66 2.08 0.00	35.21 1.93 0.00	35.53 1.98 0.00	41.31 2.41 0.00	57.59 3.36 0.00	72.33 5.14 -0.43	55.06 3.84 0.00	49.26 3.09 -6.55	39.56 2.62 0.00	37.79 2.44 -0.95	35.22 2.40 0.00	34.03 2.20 0.00	37.52 2.42 -3.22	35.20 1.99 0.00	37.71 2.27 0.00	42.63 2.83 0.00	48.00 3.64 0.00	57.58 4.12 0.00	51.72 3.61 0.00	45.89 3.28 -3.55	40.22 2.84 0.00	36.44 2.38 0.00
GLENWOOD_IC_2_G1 23688	37.77 2.64 0.00	36.70 2.30 0.00	35.56 1.98 0.00	35.17 1.90 0.00	35.50 1.95 0.00	41.27 2.37 0.00	57.87 3.63 0.00	72.41 5.21 -0.43	55.22 4.00 -0.01	49.31 3.13 -6.56	39.61 2.66 -0.01	37.90 2.55 -0.96	35.26 2.43 -0.01	34.03 2.19 0.00	37.53 2.42 -3.22	35.23 2.03 0.00	37.71 2.27 0.00	42.67 2.87 0.00	48.09 3.73 -0.01	57.74 4.28 0.00	51.91 3.80 0.00	45.82 3.20 -3.56	40.11 2.73 0.00	36.41 2.35 0.00
GLENWOOD_IC_3_G1 23689	37.77 2.64 0.00	36.70 2.30 0.00	35.56 1.98 0.00	35.17 1.90 0.00	35.50 1.95 0.00	41.27 2.37 0.00	57.87 3.63 0.00	72.41 5.21 -0.43	55.22 4.00 -0.01	49.31 3.13 -6.56	39.61 2.66 -0.01	37.90 2.55 -0.96	35.26 2.43 -0.01	34.03 2.19 0.00	37.53 2.42 -3.22	35.23 2.03 0.00	37.71 2.27 0.00	42.67 2.87 0.00	48.09 3.73 -0.01	57.74 4.28 0.00	51.91 3.80 0.00	45.82 3.20 -3.56	40.11 2.73 0.00	36.41 2.35 0.00
GLENWOOD___4 23550	37.77 2.64 0.00	36.74 2.34 0.00	35.66 2.08 0.00	35.21 1.93 0.00	35.53 1.98 0.00	41.31 2.41 0.00	57.59 3.36 0.00	72.33 5.14 -0.43	55.06 3.84 0.00	49.26 3.09 -6.55	39.56 2.62 0.00	37.79 2.44 -0.95	35.22 2.40 0.00	34.03 2.20 0.00	37.52 2.42 -3.22	35.20 1.99 0.00	37.71 2.27 0.00	42.63 2.83 0.00	48.00 3.64 0.00	57.58 4.12 0.00	51.72 3.61 0.00	45.89 3.28 -3.55	40.22 2.84 0.00	36.44 2.38 0.00
GLENWOOD___5 23614	37.77 2.64 0.00	36.74 2.34 0.00	35.66 2.08 0.00	35.21 1.93 0.00	35.53 1.98 0.00	41.31 2.41 0.00	57.59 3.36 0.00	72.33 5.14 -0.43	55.06 3.84 0.00	49.26 3.09 -6.55	39.56 2.62 0.00	37.79 2.44 -0.95	35.22 2.40 0.00	34.03 2.20 0.00	37.52 2.42 -3.22	35.20 1.99 0.00	37.71 2.27 0.00	42.63 2.83 0.00	48.00 3.64 0.00	57.58 4.12 0.00	51.72 3.61 0.00	45.89 3.28 -3.55	40.22 2.84 0.00	36.44 2.38 0.00
GLOBAL GREEN_PORT_GT1 23814	38.23 3.09 0.00	37.08 2.68 0.00	35.79 2.22 0.00	35.41 2.13 0.00	35.77 2.21 0.00	42.09 3.19 0.00	59.60 5.37 0.00	73.21 6.01 -0.43	55.58 4.35 -0.01	49.43 3.25 -6.56	39.61 2.66 -0.01	37.84 2.48 -0.96	35.17 2.33 -0.01	33.84 2.01 0.00	37.46 2.36 -3.22	35.23 2.03 0.00	37.82 2.37 0.00	43.10 3.30 0.00	49.33 4.97 -0.01	59.40 5.93 0.00	53.50 5.39 0.00	46.88 4.26 -3.56	41.00 3.62 0.00	36.92 2.86 0.00
GLOBE___DSASP 323697	33.28 -1.86 0.00	32.68 -1.72 0.00	32.13 -1.44 0.00	31.68 -1.60 0.00	32.04 -1.51 0.00	37.23 -1.67 0.00	51.14 -3.09 0.00	61.42 -5.34 0.00	47.58 -3.64 0.00	36.97 -2.65 0.00	34.72 -2.22 0.00	32.44 -1.96 0.00	30.59 -2.23 0.00	30.02 -1.81 0.00	29.90 -1.98 0.00	31.35 -1.86 0.00	33.14 -2.30 0.00	36.78 -3.02 0.00	40.59 -3.77 0.00	48.81 -4.65 0.00	43.93 -4.19 0.00	35.31 -3.75 0.00	34.28 -3.10 0.00	31.47 -2.59 0.00
GOETHSLN___LBMP 323567	37.00 1.86 0.00	36.05 1.65 0.00	34.99 1.41 0.00	34.64 1.36 0.00	34.93 1.38 0.00	40.30 1.40 0.00	56.29 2.06 0.00	69.84 3.07 0.00	53.68 2.46 0.00	41.68 2.06 0.00	38.64 1.70 0.00	35.95 1.55 0.00	34.47 1.64 0.00	33.36 1.53 0.00	33.48 1.59 0.00	34.70 1.49 0.00	37.04 1.59 0.00	41.75 1.95 0.00	46.80 2.44 0.00	56.24 2.78 0.00	50.71 2.60 0.00	41.29 2.23 0.00	39.25 1.87 0.00	35.76 1.70 0.00
GOLAH___69_KV_TB 1_2 80279	34.65 -0.49 0.00	34.02 -0.38 0.00	33.41 -0.17 0.00	33.01 -0.27 0.00	33.38 -0.17 0.00	38.82 -0.08 0.00	53.80 -0.43 0.00	65.30 -1.47 0.00	50.30 -0.92 0.00	38.91 -0.71 0.00	36.38 -0.55 0.00	33.88 -0.52 0.00	31.97 -0.85 0.00	31.23 -0.60 0.00	31.12 -0.77 0.00	32.58 -0.63 0.00	34.56 -0.89 0.00	38.65 -1.15 0.00	42.81 -1.55 0.00	51.64 -1.82 0.00	46.47 -1.64 0.00	37.50 -1.56 0.00	36.03 -1.35 0.00	32.90 -1.16 0.00

GOODYEAR_LAKE_HYD 323669	36.61 1.48 0.00	35.81 1.41 0.00	34.96 1.38 0.00	34.61 1.33 0.00	34.89 1.34 0.00	40.57 1.67 0.00	56.67 2.44 0.00	69.97 3.20 0.00	53.57 2.36 0.00	41.13 1.51 0.00	38.12 1.18 0.00	35.50 1.10 0.00	33.88 1.05 0.00	32.88 1.05 0.00	32.96 1.08 0.00	34.50 1.30 0.00	36.68 1.24 0.00	41.35 1.55 0.00	46.22 1.86 0.00	55.76 2.30 0.00	50.13 2.02 0.00	40.66 1.60 0.00	38.87 1.50 0.00	35.32 1.26 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	35.35 0.21 0.00	34.64 0.24 0.00	33.85 0.27 0.00	33.55 0.27 0.00	33.82 0.27 0.00	39.25 0.35 0.00	54.67 0.43 0.00	67.10 0.33 0.00	51.27 0.05 0.00	39.66 0.04 0.00	36.94 0.00 0.00	34.36 -0.03 0.00	32.70 -0.13 0.00	31.80 -0.03 0.00	31.82 -0.06 0.00	33.24 0.03 0.00	35.48 0.04 0.00	39.80 0.00 0.00	44.27 -0.09 0.00	53.36 -0.11 0.00	47.97 -0.14 0.00	38.75 -0.31 0.00	37.16 -0.22 0.00	33.89 -0.17 0.00
GOUDEY___7 23579	35.35 0.21 0.00	34.64 0.24 0.00	33.85 0.27 0.00	33.55 0.27 0.00	33.82 0.27 0.00	39.25 0.35 0.00	54.67 0.43 0.00	67.10 0.33 0.00	51.27 0.05 0.00	39.66 0.04 0.00	36.94 0.00 0.00	34.36 -0.03 0.00	32.70 -0.13 0.00	31.80 -0.03 0.00	31.82 -0.06 0.00	33.24 0.03 0.00	35.48 0.04 0.00	39.80 0.00 0.00	44.27 -0.09 0.00	53.36 -0.11 0.00	47.97 -0.14 0.00	38.75 -0.31 0.00	37.16 -0.22 0.00	33.89 -0.17 0.00
GOUDEY___8 23580	35.35 0.21 0.00	34.64 0.24 0.00	33.85 0.27 0.00	33.55 0.27 0.00	33.82 0.27 0.00	39.25 0.35 0.00	54.67 0.43 0.00	67.10 0.33 0.00	51.27 0.05 0.00	39.66 0.04 0.00	36.94 0.00 0.00	34.36 -0.03 0.00	32.70 -0.13 0.00	31.80 -0.03 0.00	31.82 -0.06 0.00	33.24 0.03 0.00	35.48 0.04 0.00	39.80 0.00 0.00	44.27 -0.09 0.00	53.36 -0.11 0.00	47.97 -0.14 0.00	38.75 -0.31 0.00	37.16 -0.22 0.00	33.89 -0.17 0.00
GOWANUS_GT1_1 24077	53.43 2.53 -15.76	52.78 2.30 -16.07	52.18 2.08 -16.52	52.18 2.03 -16.87	52.81 2.01 -17.24	52.80 2.18 -11.72	57.27 3.04 0.00	70.97 4.21 0.00	59.80 3.33 -5.25	68.28 2.69 -25.96	69.48 2.22 -30.32	61.69 2.06 -25.23	63.11 2.13 -28.15	75.91 2.04 -42.05	67.03 2.10 -33.04	75.28 2.03 -40.05	73.32 2.13 -35.75	70.40 2.59 -28.02	63.96 3.11 -16.50	67.93 3.69 -10.78	58.94 3.37 -7.46	59.53 2.85 -17.62	54.88 2.54 -14.96	53.45 2.28 -17.11
GOWANUS_GT1_2 24078	53.43 2.53 -15.76	52.78 2.30 -16.07	52.18 2.08 -16.52	52.18 2.03 -16.87	52.81 2.01 -17.24	52.80 2.18 -11.72	57.27 3.04 0.00	70.97 4.21 0.00	59.80 3.33 -5.25	68.28 2.69 -25.96	69.48 2.22 -30.32	61.69 2.06 -25.23	63.11 2.13 -28.15	75.91 2.04 -42.05	67.03 2.10 -33.04	75.28 2.03 -40.05	73.32 2.13 -35.75	70.40 2.59 -28.02	63.96 3.11 -16.50	67.93 3.69 -10.78	58.94 3.37 -7.46	59.53 2.85 -17.62	54.88 2.54 -14.96	53.45 2.28 -17.11
GOWANUS_GT1_3 24079	53.43 2.53 -15.76	52.78 2.30 -16.07	52.18 2.08 -16.52	52.18 2.03 -16.87	52.81 2.01 -17.24	52.80 2.18 -11.72	57.27 3.04 0.00	70.97 4.21 0.00	59.80 3.33 -5.25	68.28 2.69 -25.96	69.48 2.22 -30.32	61.69 2.06 -25.23	63.11 2.13 -28.15	75.91 2.04 -42.05	67.03 2.10 -33.04	75.28 2.03 -40.05	73.32 2.13 -35.75	70.40 2.59 -28.02	63.96 3.11 -16.50	67.93 3.69 -10.78	58.94 3.37 -7.46	59.53 2.85 -17.62	54.88 2.54 -14.96	53.45 2.28 -17.11
GOWANUS_GT1_4 24080	53.43 2.53 -15.76	52.78 2.30 -16.07	52.18 2.08 -16.52	52.18 2.03 -16.87	52.81 2.01 -17.24	52.80 2.18 -11.72	57.27 3.04 0.00	70.97 4.21 0.00	59.80 3.33 -5.25	68.28 2.69 -25.96	69.48 2.22 -30.32	61.69 2.06 -25.23	63.11 2.13 -28.15	75.91 2.04 -42.05	67.03 2.10 -33.04	75.28 2.03 -40.05	73.32 2.13 -35.75	70.40 2.59 -28.02	63.96 3.11 -16.50	67.93 3.69 -10.78	58.94 3.37 -7.46	59.53 2.85 -17.62	54.88 2.54 -14.96	53.45 2.28 -17.11
GOWANUS_GT1_5 24084	53.43 2.53 -15.76	52.78 2.30 -16.07	52.18 2.08 -16.52	52.18 2.03 -16.87	52.81 2.01 -17.24	52.80 2.18 -11.72	57.27 3.04 0.00	70.97 4.21 0.00	59.80 3.33 -5.25	68.28 2.69 -25.96	69.48 2.22 -30.32	61.69 2.06 -25.23	63.11 2.13 -28.15	75.91 2.04 -42.05	67.03 2.10 -33.04	75.28 2.03 -40.05	73.32 2.13 -35.75	70.40 2.59 -28.02	63.96 3.11 -16.50	67.93 3.69 -10.78	58.94 3.37 -7.46	59.53 2.85 -17.62	54.88 2.54 -14.96	53.45 2.28 -17.11
GOWANUS_GT1_6 24111	53.43 2.53 -15.76	52.78 2.30 -16.07	52.18 2.08 -16.52	52.18 2.03 -16.87	52.81 2.01 -17.24	52.80 2.18 -11.72	57.27 3.04 0.00	70.97 4.21 0.00	59.80 3.33 -5.25	68.28 2.69 -25.96	69.48 2.22 -30.32	61.69 2.06 -25.23	63.11 2.13 -28.15	75.91 2.04 -42.05	67.03 2.10 -33.04	75.28 2.03 -40.05	73.32 2.13 -35.75	70.40 2.59 -28.02	63.96 3.11 -16.50	67.93 3.69 -10.78	58.94 3.37 -7.46	59.53 2.85 -17.62	54.88 2.54 -14.96	53.45 2.28 -17.11
GOWANUS_GT1_7 24112	53.43 2.53 -15.76	52.78 2.30 -16.07	52.18 2.08 -16.52	52.18 2.03 -16.87	52.81 2.01 -17.24	52.80 2.18 -11.72	57.27 3.04 0.00	70.97 4.21 0.00	59.80 3.33 -5.25	68.28 2.69 -25.96	69.48 2.22 -30.32	61.69 2.06 -25.23	63.11 2.13 -28.15	75.91 2.04 -42.05	67.03 2.10 -33.04	75.28 2.03 -40.05	73.32 2.13 -35.75	70.40 2.59 -28.02	63.96 3.11 -16.50	67.93 3.69 -10.78	58.94 3.37 -7.46	59.53 2.85 -17.62	54.88 2.54 -14.96	53.45 2.28 -17.11
GOWANUS_GT1_8 24113	53.43 2.53 -15.76	52.78 2.30 -16.07	52.18 2.08 -16.52	52.18 2.03 -16.87	52.81 2.01 -17.24	52.80 2.18 -11.72	57.27 3.04 0.00	70.97 4.21 0.00	59.80 3.33 -5.25	68.28 2.69 -25.96	69.48 2.22 -30.32	61.69 2.06 -25.23	63.11 2.13 -28.15	75.91 2.04 -42.05	67.03 2.10 -33.04	75.28 2.03 -40.05	73.32 2.13 -35.75	70.40 2.59 -28.02	63.96 3.11 -16.50	67.93 3.69 -10.78	58.94 3.37 -7.46	59.53 2.85 -17.62	54.88 2.54 -14.96	53.45 2.28 -17.11
GOWANUS_GT2_1 24114	53.50 2.60 -15.76	52.81 2.34 -16.07	52.21 2.12 -16.52	52.21 2.06 -16.87	52.84 2.05 -17.24	52.87 2.26 -11.72	57.59 3.36 0.00	71.17 4.41 0.00	60.06 3.58 -5.25	68.40 2.81 -25.96	69.59 2.33 -30.32	61.90 2.27 -25.23	63.21 2.23 -28.15	75.98 2.10 -42.05	67.12 2.20 -33.04	75.38 2.13 -40.05	73.43 2.23 -35.75	70.52 2.71 -28.02	64.14 3.28 -16.50	68.31 4.06 -10.78	59.08 3.51 -7.46	59.53 2.85 -17.62	54.84 2.50 -14.96	53.49 2.32 -17.11
GOWANUS_GT2_2 24115	53.50 2.60 -15.76	52.81 2.34 -16.07	52.21 2.12 -16.52	52.21 2.06 -16.87	52.84 2.05 -17.24	52.87 2.26 -11.72	57.59 3.36 0.00	71.17 4.41 0.00	60.06 3.58 -5.25	68.40 2.81 -25.96	69.59 2.33 -30.32	61.90 2.27 -25.23	63.21 2.23 -28.15	75.98 2.10 -42.05	67.12 2.20 -33.04	75.38 2.13 -40.05	73.43 2.23 -35.75	70.52 2.71 -28.02	64.14 3.28 -16.50	68.31 4.06 -10.78	59.08 3.51 -7.46	59.53 2.85 -17.62	54.84 2.50 -14.96	53.49 2.32 -17.11
GOWANUS_GT2_3 24116	53.50 2.60 -15.76	52.81 2.34 -16.07	52.21 2.12 -16.52	52.21 2.06 -16.87	52.84 2.05 -17.24	52.87 2.26 -11.72	57.59 3.36 0.00	71.17 4.41 0.00	60.06 3.58 -5.25	68.40 2.81 -25.96	69.59 2.33 -30.32	61.90 2.27 -25.23	63.21 2.23 -28.15	75.98 2.10 -42.05	67.12 2.20 -33.04	75.38 2.13 -40.05	73.43 2.23 -35.75	70.52 2.71 -28.02	64.14 3.28 -16.50	68.31 4.06 -10.78	59.08 3.51 -7.46	59.53 2.85 -17.62	54.84 2.50 -14.96	53.49 2.32 -17.11

GOWANUS_GT2_4 24117	53.50 2.60 -15.76	52.81 2.34 -16.07	52.21 2.12 -16.52	52.21 2.06 -16.87	52.84 2.05 -17.24	52.87 2.26 -11.72	57.59 3.36 0.00	71.17 4.41 0.00	60.06 3.58 -5.25	68.40 2.81 -25.96	69.59 2.33 -30.32	61.90 2.27 -25.23	63.21 2.23 -28.15	75.98 2.10 -42.05	67.12 2.20 -33.04	75.38 2.13 -40.05	73.43 2.23 -35.75	70.52 2.71 -28.02	64.14 3.28 -16.50	68.31 4.06 -10.78	59.08 3.51 -7.46	59.53 2.85 -17.62	54.84 2.50 -14.96	53.49 2.32 -17.11
GOWANUS_GT2_5 24118	53.50 2.60 -15.76	52.81 2.34 -16.07	52.21 2.12 -16.52	52.21 2.06 -16.87	52.84 2.05 -17.24	52.87 2.26 -11.72	57.59 3.36 0.00	71.17 4.41 0.00	60.06 3.58 -5.25	68.40 2.81 -25.96	69.59 2.33 -30.32	61.90 2.27 -25.23	63.21 2.23 -28.15	75.98 2.10 -42.05	67.12 2.20 -33.04	75.38 2.13 -40.05	73.43 2.23 -35.75	70.52 2.71 -28.02	64.14 3.28 -16.50	68.31 4.06 -10.78	59.08 3.51 -7.46	59.53 2.85 -17.62	54.84 2.50 -14.96	53.49 2.32 -17.11
GOWANUS_GT2_6 24119	53.50 2.60 -15.76	52.81 2.34 -16.07	52.21 2.12 -16.52	52.21 2.06 -16.87	52.84 2.05 -17.24	52.87 2.26 -11.72	57.59 3.36 0.00	71.17 4.41 0.00	60.06 3.58 -5.25	68.40 2.81 -25.96	69.59 2.33 -30.32	61.90 2.27 -25.23	63.21 2.23 -28.15	75.98 2.10 -42.05	67.12 2.20 -33.04	75.38 2.13 -40.05	73.43 2.23 -35.75	70.52 2.71 -28.02	64.14 3.28 -16.50	68.31 4.06 -10.78	59.08 3.51 -7.46	59.53 2.85 -17.62	54.84 2.50 -14.96	53.49 2.32 -17.11
GOWANUS_GT2_7 24120	53.50 2.60 -15.76	52.81 2.34 -16.07	52.21 2.12 -16.52	52.21 2.06 -16.87	52.84 2.05 -17.24	52.87 2.26 -11.72	57.59 3.36 0.00	71.17 4.41 0.00	60.06 3.58 -5.25	68.40 2.81 -25.96	69.59 2.33 -30.32	61.90 2.27 -25.23	63.21 2.23 -28.15	75.98 2.10 -42.05	67.12 2.20 -33.04	75.38 2.13 -40.05	73.43 2.23 -35.75	70.52 2.71 -28.02	64.14 3.28 -16.50	68.31 4.06 -10.78	59.08 3.51 -7.46	59.53 2.85 -17.62	54.84 2.50 -14.96	53.49 2.32 -17.11
GOWANUS_GT2_8 24121	53.50 2.60 -15.76	52.81 2.34 -16.07	52.21 2.12 -16.52	52.21 2.06 -16.87	52.84 2.05 -17.24	52.87 2.26 -11.72	57.59 3.36 0.00	71.17 4.41 0.00	60.06 3.58 -5.25	68.40 2.81 -25.96	69.59 2.33 -30.32	61.90 2.27 -25.23	63.21 2.23 -28.15	75.98 2.10 -42.05	67.12 2.20 -33.04	75.38 2.13 -40.05	73.43 2.23 -35.75	70.52 2.71 -28.02	64.14 3.28 -16.50	68.31 4.06 -10.78	59.08 3.51 -7.46	59.53 2.85 -17.62	54.84 2.50 -14.96	53.49 2.32 -17.11
GOWANUS_GT3_1 24122	53.50 2.60 -15.76	52.81 2.34 -16.07	52.21 2.12 -16.52	52.21 2.06 -16.87	52.84 2.05 -17.24	52.87 2.26 -11.72	57.59 3.36 0.00	71.17 4.41 0.00	60.06 3.58 -5.25	68.40 2.81 -25.96	69.59 2.33 -30.32	61.90 2.27 -25.23	63.21 2.23 -28.15	75.98 2.10 -42.05	67.12 2.20 -33.04	75.38 2.13 -40.05	73.43 2.23 -35.75	70.52 2.71 -28.02	64.14 3.28 -16.50	68.31 4.06 -10.78	59.08 3.51 -7.46	59.53 2.85 -17.62	54.84 2.50 -14.96	53.49 2.32 -17.11
GOWANUS_GT3_2 24123	53.50 2.60 -15.76	52.81 2.34 -16.07	52.21 2.12 -16.52	52.21 2.06 -16.87	52.84 2.05 -17.24	52.87 2.26 -11.72	57.59 3.36 0.00	71.17 4.41 0.00	60.06 3.58 -5.25	68.40 2.81 -25.96	69.59 2.33 -30.32	61.90 2.27 -25.23	63.21 2.23 -28.15	75.98 2.10 -42.05	67.12 2.20 -33.04	75.38 2.13 -40.05	73.43 2.23 -35.75	70.52 2.71 -28.02	64.14 3.28 -16.50	68.31 4.06 -10.78	59.08 3.51 -7.46	59.53 2.85 -17.62	54.84 2.50 -14.96	53.49 2.32 -17.11
GOWANUS_GT3_3 24124	53.50 2.60 -15.76	52.81 2.34 -16.07	52.21 2.12 -16.52	52.21 2.06 -16.87	52.84 2.05 -17.24	52.87 2.26 -11.72	57.59 3.36 0.00	71.17 4.41 0.00	60.06 3.58 -5.25	68.40 2.81 -25.96	69.59 2.33 -30.32	61.90 2.27 -25.23	63.21 2.23 -28.15	75.98 2.10 -42.05	67.12 2.20 -33.04	75.38 2.13 -40.05	73.43 2.23 -35.75	70.52 2.71 -28.02	64.14 3.28 -16.50	68.31 4.06 -10.78	59.08 3.51 -7.46	59.53 2.85 -17.62	54.84 2.50 -14.96	53.49 2.32 -17.11
GOWANUS_GT3_4 24125	53.50 2.60 -15.76	52.81 2.34 -16.07	52.21 2.12 -16.52	52.21 2.06 -16.87	52.84 2.05 -17.24	52.87 2.26 -11.72	57.59 3.36 0.00	71.17 4.41 0.00	60.06 3.58 -5.25	68.40 2.81 -25.96	69.59 2.33 -30.32	61.90 2.27 -25.23	63.21 2.23 -28.15	75.98 2.10 -42.05	67.12 2.20 -33.04	75.38 2.13 -40.05	73.43 2.23 -35.75	70.52 2.71 -28.02	64.14 3.28 -16.50	68.31 4.06 -10.78	59.08 3.51 -7.46	59.53 2.85 -17.62	54.84 2.50 -14.96	53.49 2.32 -17.11
GOWANUS_GT3_5 24126	53.50 2.60 -15.76	52.81 2.34 -16.07	52.21 2.12 -16.52	52.21 2.06 -16.87	52.84 2.05 -17.24	52.87 2.26 -11.72	57.59 3.36 0.00	71.17 4.41 0.00	60.06 3.58 -5.25	68.40 2.81 -25.96	69.59 2.33 -30.32	61.90 2.27 -25.23	63.21 2.23 -28.15	75.98 2.10 -42.05	67.12 2.20 -33.04	75.38 2.13 -40.05	73.43 2.23 -35.75	70.52 2.71 -28.02	64.14 3.28 -16.50	68.31 4.06 -10.78	59.08 3.51 -7.46	59.53 2.85 -17.62	54.84 2.50 -14.96	53.49 2.32 -17.11
GOWANUS_GT3_6 24127	53.50 2.60 -15.76	52.81 2.34 -16.07	52.21 2.12 -16.52	52.21 2.06 -16.87	52.84 2.05 -17.24	52.87 2.26 -11.72	57.59 3.36 0.00	71.17 4.41 0.00	60.06 3.58 -5.25	68.40 2.81 -25.96	69.59 2.33 -30.32	61.90 2.27 -25.23	63.21 2.23 -28.15	75.98 2.10 -42.05	67.12 2.20 -33.04	75.38 2.13 -40.05	73.43 2.23 -35.75	70.52 2.71 -28.02	64.14 3.28 -16.50	68.31 4.06 -10.78	59.08 3.51 -7.46	59.53 2.85 -17.62	54.84 2.50 -14.96	53.49 2.32 -17.11
GOWANUS_GT3_7 24128	53.50 2.60 -15.76	52.81 2.34 -16.07	52.21 2.12 -16.52	52.21 2.06 -16.87	52.84 2.05 -17.24	52.87 2.26 -11.72	57.59 3.36 0.00	71.17 4.41 0.00	60.06 3.58 -5.25	68.40 2.81 -25.96	69.59 2.33 -30.32	61.90 2.27 -25.23	63.21 2.23 -28.15	75.98 2.10 -42.05	67.12 2.20 -33.04	75.38 2.13 -40.05	73.43 2.23 -35.75	70.52 2.71 -28.02	64.14 3.28 -16.50	68.31 4.06 -10.78	59.08 3.51 -7.46	59.53 2.85 -17.62	54.84 2.50 -14.96	53.49 2.32 -17.11
GOWANUS_GT3_8 24129	53.50 2.60 -15.76	52.81 2.34 -16.07	52.21 2.12 -16.52	52.21 2.06 -16.87	52.84 2.05 -17.24	52.87 2.26 -11.72	57.59 3.36 0.00	71.17 4.41 0.00	60.06 3.58 -5.25	68.40 2.81 -25.96	69.59 2.33 -30.32	61.90 2.27 -25.23	63.21 2.23 -28.15	75.98 2.10 -42.05	67.12 2.20 -33.04	75.38 2.13 -40.05	73.43 2.23 -35.75	70.52 2.71 -28.02	64.14 3.28 -16.50	68.31 4.06 -10.78	59.08 3.51 -7.46	59.53 2.85 -17.62	54.84 2.50 -14.96	53.49 2.32 -17.11
GOWANUS_GT4_1 24130	53.43 2.53 -15.76	52.78 2.30 -16.07	52.18 2.08 -16.52	52.18 2.03 -16.87	52.81 2.01 -17.24	52.80 2.18 -11.72	57.27 3.04 0.00	70.97 4.21 0.00	59.80 3.33 -5.25	68.28 2.69 -25.96	69.48 2.22 -30.32	61.69 2.06 -25.23	63.11 2.13 -28.15	75.91 2.04 -42.05	67.03 2.10 -33.04	75.28 2.03 -40.05	73.32 2.13 -35.75	70.40 2.59 -28.02	63.96 3.11 -16.50	67.93 3.69 -10.78	58.94 3.37 -7.46	59.53 2.85 -17.62	54.88 2.54 -14.96	53.45 2.28 -17.11
GOWANUS_GT4_2 24131	53.43 2.53 -15.76	52.78 2.30 -16.07	52.18 2.08 -16.52	52.18 2.03 -16.87	52.81 2.01 -17.24	52.80 2.18 -11.72	57.27 3.04 0.00	70.97 4.21 0.00	59.80 3.33 -5.25	68.28 2.69 -25.96	69.48 2.22 -30.32	61.69 2.06 -25.23	63.11 2.13 -28.15	75.91 2.04 -42.05	67.03 2.10 -33.04	75.28 2.03 -40.05	73.32 2.13 -35.75	70.40 2.59 -28.02	63.96 3.11 -16.50	67.93 3.69 -10.78	58.94 3.37 -7.46	59.53 2.85 -17.62	54.88 2.54 -14.96	53.45 2.28 -17.11

GOWANUS_GT4_3 24132	53.43 2.53 -15.76	52.78 2.30 -16.07	52.18 2.08 -16.52	52.18 2.03 -16.87	52.81 2.01 -17.24	52.80 2.18 -11.72	57.27 3.04 0.00	70.97 4.21 0.00	59.80 3.33 -5.25	68.28 2.69 -25.96	69.48 2.22 -30.32	61.69 2.06 -25.23	63.11 2.13 -28.15	75.91 2.04 -42.05	67.03 2.10 -33.04	75.28 2.03 -40.05	73.32 2.13 -35.75	70.40 2.59 -28.02	63.96 3.11 -16.50	67.93 3.69 -10.78	58.94 3.37 -7.46	59.53 2.85 -17.62	54.88 2.54 -14.96	53.45 2.28 -17.11
GOWANUS_GT4_4 24133	53.43 2.53 -15.76	52.78 2.30 -16.07	52.18 2.08 -16.52	52.18 2.03 -16.87	52.81 2.01 -17.24	52.80 2.18 -11.72	57.27 3.04 0.00	70.97 4.21 0.00	59.80 3.33 -5.25	68.28 2.69 -25.96	69.48 2.22 -30.32	61.69 2.06 -25.23	63.11 2.13 -28.15	75.91 2.04 -42.05	67.03 2.10 -33.04	75.28 2.03 -40.05	73.32 2.13 -35.75	70.40 2.59 -28.02	63.96 3.11 -16.50	67.93 3.69 -10.78	58.94 3.37 -7.46	59.53 2.85 -17.62	54.88 2.54 -14.96	53.45 2.28 -17.11
GOWANUS_GT4_5 24134	53.43 2.53 -15.76	52.78 2.30 -16.07	52.18 2.08 -16.52	52.18 2.03 -16.87	52.81 2.01 -17.24	52.80 2.18 -11.72	57.27 3.04 0.00	70.97 4.21 0.00	59.80 3.33 -5.25	68.28 2.69 -25.96	69.48 2.22 -30.32	61.69 2.06 -25.23	63.11 2.13 -28.15	75.91 2.04 -42.05	67.03 2.10 -33.04	75.28 2.03 -40.05	73.32 2.13 -35.75	70.40 2.59 -28.02	63.96 3.11 -16.50	67.93 3.69 -10.78	58.94 3.37 -7.46	59.53 2.85 -17.62	54.88 2.54 -14.96	53.45 2.28 -17.11
GOWANUS_GT4_6 24135	53.43 2.53 -15.76	52.78 2.30 -16.07	52.18 2.08 -16.52	52.18 2.03 -16.87	52.81 2.01 -17.24	52.80 2.18 -11.72	57.27 3.04 0.00	70.97 4.21 0.00	59.80 3.33 -5.25	68.28 2.69 -25.96	69.48 2.22 -30.32	61.69 2.06 -25.23	63.11 2.13 -28.15	75.91 2.04 -42.05	67.03 2.10 -33.04	75.28 2.03 -40.05	73.32 2.13 -35.75	70.40 2.59 -28.02	63.96 3.11 -16.50	67.93 3.69 -10.78	58.94 3.37 -7.46	59.53 2.85 -17.62	54.88 2.54 -14.96	53.45 2.28 -17.11
GOWANUS_GT4_7 24136	53.43 2.53 -15.76	52.78 2.30 -16.07	52.18 2.08 -16.52	52.18 2.03 -16.87	52.81 2.01 -17.24	52.80 2.18 -11.72	57.27 3.04 0.00	70.97 4.21 0.00	59.80 3.33 -5.25	68.28 2.69 -25.96	69.48 2.22 -30.32	61.69 2.06 -25.23	63.11 2.13 -28.15	75.91 2.04 -42.05	67.03 2.10 -33.04	75.28 2.03 -40.05	73.32 2.13 -35.75	70.40 2.59 -28.02	63.96 3.11 -16.50	67.93 3.69 -10.78	58.94 3.37 -7.46	59.53 2.85 -17.62	54.88 2.54 -14.96	53.45 2.28 -17.11
GOWANUS_GT4_8 24137	53.43 2.53 -15.76	52.78 2.30 -16.07	52.18 2.08 -16.52	52.18 2.03 -16.87	52.81 2.01 -17.24	52.80 2.18 -11.72	57.27 3.04 0.00	70.97 4.21 0.00	59.80 3.33 -5.25	68.28 2.69 -25.96	69.48 2.22 -30.32	61.69 2.06 -25.23	63.11 2.13 -28.15	75.91 2.04 -42.05	67.03 2.10 -33.04	75.28 2.03 -40.05	73.32 2.13 -35.75	70.40 2.59 -28.02	63.96 3.11 -16.50	67.93 3.69 -10.78	58.94 3.37 -7.46	59.53 2.85 -17.62	54.88 2.54 -14.96	53.45 2.28 -17.11
GREENBSH_115KV_TB3 55895	36.58 1.44 0.00	35.74 1.34 0.00	34.82 1.24 0.00	34.48 1.20 0.00	34.76 1.21 0.00	40.26 1.36 0.00	56.02 1.79 0.00	68.97 2.20 0.00	52.70 1.49 0.00	40.73 1.11 0.00	37.75 0.81 0.00	35.19 0.79 0.00	33.58 0.76 0.00	32.34 0.51 0.00	32.26 0.38 0.00	33.41 0.20 0.00	35.69 0.25 0.00	40.04 0.24 0.00	44.89 0.53 0.00	54.10 0.64 0.00	48.69 0.58 0.00	39.68 0.62 0.00	37.94 0.56 0.00	34.74 0.68 0.00
GREENIDGE_115KV_TB5 80291	35.10 -0.04 0.00	34.43 0.03 0.00	33.75 0.17 0.00	33.48 0.20 0.00	33.82 0.27 0.00	39.41 0.51 0.00	54.50 0.27 0.00	66.70 -0.07 0.00	51.32 0.10 0.00	39.62 0.00 0.00	36.90 -0.04 0.00	34.33 -0.07 0.00	32.56 -0.26 0.00	31.70 -0.13 0.00	31.69 -0.19 0.00	33.24 0.03 0.00	35.44 0.00 0.00	39.80 0.00 0.00	44.09 -0.27 0.00	52.77 -0.70 0.00	47.73 -0.38 0.00	38.40 -0.66 0.00	36.86 -0.52 0.00	33.51 -0.54 0.00
GREENIDGE___3 23582	35.10 -0.04 0.00	34.43 0.03 0.00	33.75 0.17 0.00	33.48 0.20 0.00	33.82 0.27 0.00	39.41 0.51 0.00	54.50 0.27 0.00	66.70 -0.07 0.00	51.32 0.10 0.00	39.62 0.00 0.00	36.90 -0.04 0.00	34.33 -0.07 0.00	32.56 -0.26 0.00	31.70 -0.13 0.00	31.69 -0.19 0.00	33.24 0.03 0.00	35.44 0.00 0.00	39.80 0.00 0.00	44.09 -0.27 0.00	52.77 -0.70 0.00	47.73 -0.38 0.00	38.40 -0.66 0.00	36.86 -0.52 0.00	33.51 -0.54 0.00
GREENIDGE___4 23583	35.10 -0.04 0.00	34.43 0.03 0.00	33.75 0.17 0.00	33.48 0.20 0.00	33.79 0.24 0.00	39.33 0.43 0.00	54.45 0.22 0.00	66.76 0.00 0.00	51.22 0.00 0.00	39.66 0.04 0.00	36.94 0.00 0.00	34.30 -0.10 0.00	32.53 -0.30 0.00	31.67 -0.16 0.00	31.59 -0.29 0.00	33.21 0.00 0.00	35.48 0.04 0.00	39.80 0.00 0.00	44.14 -0.22 0.00	52.71 -0.75 0.00	47.68 -0.43 0.00	38.40 -0.66 0.00	36.86 -0.52 0.00	33.51 -0.55 0.00
GREENLWN_69_KV_BK 3 55738	37.53 2.39 0.00	36.50 2.10 0.00	35.43 1.85 0.00	34.94 1.66 0.00	35.30 1.74 0.00	41.04 2.14 0.00	57.16 2.93 0.00	71.80 4.61 -0.43	54.70 3.48 0.00	49.02 2.85 -6.55	39.30 2.36 0.00	37.55 2.20 -0.95	34.99 2.17 0.00	33.81 1.97 0.00	37.30 2.20 -3.22	34.90 1.69 0.00	37.43 1.98 0.00	42.35 2.55 0.00	47.73 3.37 0.00	57.26 3.80 0.00	51.43 3.32 0.00	45.69 3.09 -3.55	40.00 2.62 0.00	36.24 2.18 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	53.43 2.53 -15.76	52.78 2.30 -16.07	52.18 2.08 -16.52	52.18 2.03 -16.87	52.81 2.01 -17.24	52.80 2.18 -11.72	57.27 3.04 0.00	70.97 4.21 0.00	59.80 3.33 -5.25	68.28 2.69 -25.96	69.48 2.22 -30.32	61.69 2.06 -25.23	63.11 2.13 -28.15	75.91 2.04 -42.05	67.03 2.10 -33.04	75.28 2.03 -40.05	73.32 2.13 -35.75	70.40 2.59 -28.02	63.96 3.11 -16.50	67.93 3.69 -10.78	58.94 3.37 -7.46	59.53 2.85 -17.62	54.88 2.54 -14.96	53.45 2.28 -17.11
GRISSOM___SOLAR 323813	37.88 2.74 0.00	37.12 2.72 0.00	36.13 2.55 0.00	35.78 2.50 0.00	36.07 2.52 0.00	42.05 3.15 0.00	58.68 4.45 0.00	72.17 5.41 0.00	54.54 3.33 0.00	41.48 1.86 0.00	38.42 1.48 0.00	35.74 1.34 0.00	34.20 1.38 0.00	33.07 1.24 0.00	33.22 1.34 0.00	34.83 1.63 0.00	37.43 1.98 0.00	42.31 2.51 0.00	47.51 3.15 0.00	57.42 3.96 0.00	51.67 3.56 0.00	41.95 2.89 0.00	40.07 2.69 0.00	36.31 2.25 0.00
GROVEVILLE___HYD 323602	37.11 1.97 0.00	36.22 1.82 0.00	35.19 1.61 0.00	34.84 1.56 0.00	35.10 1.54 0.00	40.57 1.67 0.00	56.67 2.44 0.00	70.04 3.27 0.00	53.62 2.41 0.00	41.60 1.98 0.00	38.45 1.51 0.00	35.71 1.31 0.00	34.17 1.35 0.00	33.07 1.24 0.00	33.25 1.37 0.00	34.57 1.36 0.00	36.93 1.49 0.00	41.63 1.83 0.00	46.62 2.26 0.00	56.19 2.73 0.00	50.56 2.45 0.00	41.17 2.11 0.00	39.29 1.91 0.00	35.76 1.70 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	35.14 0.00 0.00	34.43 0.03 0.00	33.65 0.07 0.00	33.35 0.07 0.00	33.62 0.07 0.00	38.98 0.08 0.00	54.29 0.05 0.00	66.76 0.00 0.00	51.12 -0.10 0.00	39.58 -0.04 0.00	37.01 0.07 0.00	34.43 0.03 0.00	32.76 -0.07 0.00	31.83 0.00 0.00	31.85 -0.03 0.00	33.31 0.10 0.00	35.51 0.07 0.00	39.76 -0.04 0.00	44.18 -0.18 0.00	53.25 -0.21 0.00	47.87 -0.24 0.00	38.75 -0.31 0.00	37.16 -0.22 0.00	33.86 -0.20 0.00

HAMLTNNY_34_KV_TB 80303	35.17 0.04 0.00	34.43 0.03 0.00	33.68 0.10 0.00	33.38 0.10 0.00	33.65 0.10 0.00	39.02 0.12 0.00	54.34 0.11 0.00	66.83 0.07 0.00	51.22 0.00 0.00	39.62 0.00 0.00	37.01 0.07 0.00	34.47 0.07 0.00	32.76 -0.07 0.00	31.86 0.03 0.00	31.88 0.00 0.00	33.34 0.13 0.00	35.55 0.11 0.00	39.84 0.04 0.00	44.18 -0.18 0.00	53.25 -0.21 0.00	47.87 -0.24 0.00	38.75 -0.31 0.00	37.16 -0.22 0.00	33.86 -0.20 0.00
HAMPSHIRE___PAPER_HYD 323593	33.63 -1.51 0.00	37.39 -1.38 -4.37	36.60 -1.28 -4.30	36.36 -1.20 -4.28	36.03 -1.18 -3.65	37.89 -1.01 0.00	53.47 -0.76 0.00	66.06 -0.93 -0.23	50.09 -1.13 0.00	38.35 -1.27 0.00	35.75 -1.18 0.00	33.26 -1.13 0.00	31.77 -1.05 0.00	30.81 -1.02 0.00	30.89 -0.99 0.00	32.28 -0.93 0.00	34.45 -0.99 0.00	38.92 -0.88 0.00	43.43 -0.93 0.00	52.50 -0.96 0.00	47.29 -0.82 0.00	38.28 -0.78 0.00	36.67 -0.71 0.00	33.14 -0.92 0.00
HARDSCRABBLE_WT_PWR 323673	34.47 -0.67 0.00	33.64 -0.76 0.00	32.77 -0.81 0.00	32.51 -0.76 0.00	32.85 -0.71 0.00	38.16 -0.74 0.00	53.47 -0.76 0.00	65.36 -1.41 0.00	50.24 -0.97 0.00	38.91 -0.71 0.00	36.42 -0.52 0.00	33.99 -0.41 0.00	32.43 -0.39 0.00	31.48 -0.35 0.00	31.56 -0.32 0.00	33.11 -0.10 0.00	35.30 -0.14 0.00	39.72 -0.08 0.00	44.36 0.00 0.00	53.41 -0.05 0.00	47.92 -0.19 0.00	38.71 -0.35 0.00	36.82 -0.56 0.00	33.34 -0.72 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	36.72 1.58 0.00	35.84 1.44 0.00	34.85 1.28 0.00	34.48 1.20 0.00	34.73 1.17 0.00	40.15 1.24 0.00	56.08 1.84 0.00	69.43 2.67 0.00	53.16 1.95 0.00	41.25 1.62 0.00	38.19 1.26 0.00	35.50 1.10 0.00	33.98 1.15 0.00	32.88 1.05 0.00	33.03 1.15 0.00	34.30 1.10 0.00	36.65 1.21 0.00	41.31 1.51 0.00	46.27 1.91 0.00	55.76 2.30 0.00	50.18 2.07 0.00	40.82 1.76 0.00	38.91 1.53 0.00	35.42 1.36 0.00
HARSNRAD_115KV_TB1 81005	33.70 -1.44 0.00	33.09 -1.31 0.00	32.57 -1.01 0.00	32.15 -1.13 0.00	32.51 -1.04 0.00	37.81 -1.09 0.00	52.06 -2.17 0.00	62.56 -4.21 0.00	48.40 -2.82 0.00	37.56 -2.06 0.00	35.24 -1.70 0.00	32.89 -1.51 0.00	31.02 -1.81 0.00	30.43 -1.40 0.00	30.32 -1.56 0.00	31.81 -1.39 0.00	33.67 -1.77 0.00	37.41 -2.39 0.00	41.25 -3.11 0.00	49.67 -3.80 0.00	44.65 -3.46 0.00	35.86 -3.20 0.00	34.73 -2.65 0.00	31.85 -2.21 0.00
HARZA MOOSE___RIVER 24016	35.14 0.00 0.00	35.69 0.03 -1.25	34.88 0.07 -1.23	34.57 0.07 -1.23	34.77 0.17 -1.05	39.37 0.47 0.00	55.59 1.36 0.00	68.57 1.74 -0.07	52.09 0.87 0.00	39.82 0.20 0.00	37.01 0.07 0.00	34.40 0.00 0.00	32.79 -0.03 0.00	31.83 0.00 0.00	31.91 0.03 0.00	33.41 0.20 0.00	35.69 0.25 0.00	40.28 0.48 0.00	45.02 0.67 0.00	54.42 0.96 0.00	48.93 0.82 0.00	39.61 0.55 0.00	37.90 0.52 0.00	34.20 0.14 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	34.96 -0.18 0.00	34.26 -0.14 0.00	33.48 -0.10 0.00	33.15 -0.13 0.00	33.42 -0.13 0.00	38.74 -0.16 0.00	53.96 -0.27 0.00	66.36 -0.40 0.00	50.81 -0.41 0.00	39.34 -0.28 0.00	36.79 -0.15 0.00	34.23 -0.17 0.00	32.60 -0.23 0.00	31.67 -0.16 0.00	31.69 -0.19 0.00	33.14 -0.07 0.00	35.30 -0.14 0.00	39.52 -0.28 0.00	43.92 -0.44 0.00	52.93 -0.53 0.00	47.58 -0.53 0.00	38.55 -0.51 0.00	36.97 -0.41 0.00	33.69 -0.37 0.00
HELLGATE_13_KV_LD 55870	38.01 2.28 -0.58	36.47 2.06 -0.01	35.40 1.81 -0.01	35.67 1.76 -0.62	35.97 1.78 -0.64	41.24 1.91 -0.44	56.89 2.66 0.00	70.50 3.74 0.00	55.48 3.07 -1.19	54.10 2.50 -11.99	54.15 2.11 -15.10	43.86 1.93 -7.54	43.90 2.00 -9.08	54.16 1.88 -20.45	45.41 1.94 -11.59	54.85 1.86 -19.78	54.87 1.98 -17.45	55.61 2.39 -13.42	54.09 2.93 -6.80	58.37 3.37 -1.54	52.32 3.13 -1.08	44.26 2.66 -2.54	40.21 2.28 -0.55	36.77 2.08 -0.63
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	38.01 2.28 -0.58	36.47 2.06 -0.01	35.40 1.81 -0.01	35.67 1.76 -0.62	35.97 1.78 -0.64	41.24 1.91 -0.44	56.89 2.66 0.00	70.50 3.74 0.00	55.48 3.07 -1.19	54.10 2.50 -11.99	54.15 2.11 -15.10	43.86 1.93 -7.54	43.90 2.00 -9.08	54.16 1.88 -20.45	45.41 1.94 -11.59	54.85 1.86 -19.78	54.87 1.98 -17.45	55.61 2.39 -13.42	54.09 2.93 -6.80	58.37 3.37 -1.54	52.32 3.13 -1.08	44.26 2.66 -2.54	40.21 2.28 -0.55	36.77 2.08 -0.63
HEMPSTEAD____ 23647	37.67 2.53 0.00	36.57 2.17 0.00	35.42 1.85 0.00	35.04 1.76 0.00	35.36 1.81 0.00	41.16 2.26 0.00	57.65 3.42 0.00	72.14 4.94 -0.43	55.02 3.79 -0.01	49.15 2.97 -6.56	39.46 2.51 -0.01	37.73 2.37 -0.96	35.13 2.30 -0.01	33.87 2.04 0.00	37.40 2.30 -3.22	35.07 1.86 0.00	37.53 2.09 0.00	42.51 2.71 0.00	47.92 3.55 -0.01	57.52 4.06 0.00	51.72 3.61 0.00	45.67 3.05 -3.56	40.00 2.62 0.00	36.27 2.21 0.00
HEWLETT_69_KV_BK3 55828	37.70 2.57 0.00	36.70 2.30 0.00	35.59 2.01 0.00	35.14 1.86 0.00	35.47 1.91 0.00	41.20 2.30 0.00	57.43 3.20 0.00	72.06 4.87 -0.43	54.91 3.69 0.00	49.14 2.97 -6.55	39.45 2.51 0.00	37.69 2.34 -0.95	35.12 2.30 0.00	33.93 2.10 0.00	37.39 2.30 -3.22	35.10 1.89 0.00	37.60 2.16 0.00	42.51 2.71 0.00	47.86 3.50 0.00	57.42 3.96 0.00	51.57 3.46 0.00	45.77 3.16 -3.55	40.15 2.77 0.00	36.38 2.32 0.00
HICKLING___1 23621	35.00 -0.14 0.00	34.36 -0.03 0.00	33.71 0.13 0.00	33.41 0.13 0.00	33.75 0.20 0.00	39.25 0.35 0.00	54.61 0.38 0.00	66.76 0.00 0.00	50.96 -0.26 0.00	39.42 -0.20 0.00	36.72 -0.22 0.00	34.23 -0.17 0.00	32.47 -0.36 0.00	31.61 -0.22 0.00	31.56 -0.32 0.00	33.11 -0.10 0.00	35.23 -0.21 0.00	39.48 -0.32 0.00	43.74 -0.62 0.00	52.71 -0.75 0.00	47.29 -0.82 0.00	38.01 -1.05 0.00	36.48 -0.90 0.00	33.24 -0.82 0.00
HICKLING___2 23622	35.00 -0.14 0.00	34.36 -0.03 0.00	33.71 0.13 0.00	33.41 0.13 0.00	33.75 0.20 0.00	39.25 0.35 0.00	54.61 0.38 0.00	66.76 0.00 0.00	50.96 -0.26 0.00	39.42 -0.20 0.00	36.72 -0.22 0.00	34.23 -0.17 0.00	32.47 -0.36 0.00	31.61 -0.22 0.00	31.56 -0.32 0.00	33.11 -0.10 0.00	35.23 -0.21 0.00	39.48 -0.32 0.00	43.74 -0.62 0.00	52.71 -0.75 0.00	47.29 -0.82 0.00	38.01 -1.05 0.00	36.48 -0.90 0.00	33.24 -0.82 0.00
HIGH FALLS___HY 23754	36.72 1.58 0.00	35.84 1.44 0.00	34.85 1.28 0.00	34.51 1.23 0.00	34.76 1.21 0.00	40.18 1.28 0.00	56.18 1.95 0.00	69.43 2.67 0.00	53.22 2.00 0.00	41.28 1.66 0.00	38.16 1.22 0.00	35.47 1.07 0.00	33.91 1.08 0.00	32.88 1.05 0.00	33.06 1.18 0.00	34.40 1.20 0.00	36.75 1.31 0.00	41.47 1.67 0.00	46.44 2.08 0.00	55.98 2.51 0.00	50.37 2.26 0.00	40.97 1.91 0.00	39.10 1.72 0.00	35.56 1.50 0.00
HIGH_RIVER___SOLAR 323847	37.07 1.93 0.00	36.29 1.89 0.00	35.36 1.78 0.00	35.01 1.73 0.00	35.26 1.71 0.00	41.00 2.10 0.00	57.27 3.04 0.00	70.23 3.47 0.00	53.32 2.10 0.00	40.73 1.11 0.00	37.68 0.74 0.00	35.05 0.65 0.00	33.55 0.72 0.00	32.47 0.64 0.00	32.61 0.73 0.00	34.10 0.90 0.00	36.65 1.21 0.00	41.35 1.55 0.00	46.40 2.04 0.00	56.03 2.57 0.00	50.42 2.31 0.00	40.93 1.87 0.00	39.10 1.72 0.00	35.52 1.46 0.00

HILLBURN___GT 23639	36.76 1.62 0.00	35.84 1.44 0.00	34.82 1.24 0.00	34.48 1.20 0.00	34.69 1.14 0.00	40.18 1.28 0.00	56.29 2.06 0.00	69.70 2.93 0.00	53.42 2.20 0.00	41.41 1.78 0.00	38.34 1.40 0.00	35.74 1.34 0.00	34.14 1.31 0.00	33.04 1.21 0.00	33.19 1.31 0.00	34.44 1.23 0.00	36.75 1.31 0.00	41.43 1.63 0.00	46.44 2.09 0.00	56.03 2.57 0.00	50.42 2.31 0.00	40.86 1.80 0.00	38.91 1.53 0.00	35.39 1.33 0.00
HILLSIDE_115KV_TB1 80332	34.68 -0.46 0.00	34.05 -0.34 0.00	33.38 -0.20 0.00	33.05 -0.23 0.00	33.35 -0.20 0.00	38.74 -0.16 0.00	53.91 -0.33 0.00	65.90 -0.87 0.00	50.30 -0.92 0.00	38.95 -0.67 0.00	36.27 -0.66 0.00	33.78 -0.62 0.00	32.07 -0.76 0.00	31.26 -0.57 0.00	31.18 -0.70 0.00	32.64 -0.56 0.00	34.77 -0.67 0.00	38.96 -0.84 0.00	43.21 -1.15 0.00	52.13 -1.34 0.00	46.81 -1.30 0.00	37.69 -1.37 0.00	36.15 -1.23 0.00	33.00 -1.06 0.00
HISHELDN_WT_PWR 323625	33.59 -1.55 0.00	33.09 -1.31 0.00	32.64 -0.94 0.00	32.31 -0.97 0.00	32.72 -0.84 0.00	38.04 -0.86 0.00	52.77 -1.46 0.00	64.16 -2.60 0.00	48.91 -2.30 0.00	38.07 -1.55 0.00	35.53 -1.40 0.00	33.09 -1.31 0.00	31.32 -1.51 0.00	30.56 -1.27 0.00	30.45 -1.43 0.00	31.98 -1.23 0.00	34.06 -1.38 0.00	37.85 -1.95 0.00	41.96 -2.40 0.00	50.20 -3.26 0.00	44.89 -3.22 0.00	36.01 -3.05 0.00	34.61 -2.77 0.00	31.57 -2.48 0.00
HOLTSVILLE_IC_1 23690	37.49 2.35 0.00	36.36 1.96 0.00	35.12 1.55 0.00	34.78 1.50 0.00	35.10 1.54 0.00	41.08 2.18 0.00	57.71 3.47 0.00	71.41 4.21 -0.43	54.51 3.28 -0.01	48.79 2.61 -6.56	39.05 2.10 -0.01	37.35 1.99 -0.96	34.77 1.94 -0.01	33.49 1.65 0.00	37.05 1.94 -3.22	34.74 1.53 0.00	37.25 1.81 0.00	42.31 2.51 0.00	47.96 3.59 -0.01	57.64 4.17 0.00	51.87 3.76 0.00	45.78 3.16 -3.56	40.00 2.62 0.00	36.17 2.11 0.00
HOLTSVILLE_IC_10 23699	37.60 2.46 0.00	36.46 2.06 0.00	35.22 1.64 0.00	34.88 1.60 0.00	35.23 1.68 0.00	41.23 2.33 0.00	58.03 3.79 0.00	71.74 4.54 -0.43	54.71 3.48 -0.01	48.91 2.73 -6.56	39.16 2.22 -0.01	37.46 2.10 -0.96	34.87 2.04 -0.01	33.55 1.72 0.00	37.15 2.04 -3.22	34.83 1.63 0.00	37.36 1.91 0.00	42.47 2.67 0.00	48.22 3.86 -0.01	57.90 4.43 0.00	52.15 4.04 0.00	45.98 3.36 -3.56	40.18 2.80 0.00	36.27 2.21 0.00
HOLTSVILLE_IC_2 23691	37.49 2.35 0.00	36.36 1.96 0.00	35.12 1.55 0.00	34.78 1.50 0.00	35.10 1.54 0.00	41.08 2.18 0.00	57.71 3.47 0.00	71.41 4.21 -0.43	54.51 3.28 -0.01	48.79 2.61 -6.56	39.05 2.10 -0.01	37.35 1.99 -0.96	34.77 1.94 -0.01	33.49 1.65 0.00	37.05 1.94 -3.22	34.74 1.53 0.00	37.25 1.81 0.00	42.31 2.51 0.00	47.96 3.59 -0.01	57.64 4.17 0.00	51.87 3.76 0.00	45.78 3.16 -3.56	40.00 2.62 0.00	36.17 2.11 0.00
HOLTSVILLE_IC_3 23692	37.49 2.35 0.00	36.36 1.96 0.00	35.12 1.55 0.00	34.78 1.50 0.00	35.10 1.54 0.00	41.08 2.18 0.00	57.71 3.47 0.00	71.41 4.21 -0.43	54.51 3.28 -0.01	48.79 2.61 -6.56	39.05 2.10 -0.01	37.35 1.99 -0.96	34.77 1.94 -0.01	33.49 1.65 0.00	37.05 1.94 -3.22	34.74 1.53 0.00	37.25 1.81 0.00	42.31 2.51 0.00	47.96 3.59 -0.01	57.64 4.17 0.00	51.87 3.76 0.00	45.78 3.16 -3.56	40.00 2.62 0.00	36.17 2.11 0.00
HOLTSVILLE_IC_4 23693	37.49 2.35 0.00	36.36 1.96 0.00	35.12 1.55 0.00	34.78 1.50 0.00	35.10 1.54 0.00	41.08 2.18 0.00	57.71 3.47 0.00	71.41 4.21 -0.43	54.51 3.28 -0.01	48.79 2.61 -6.56	39.05 2.10 -0.01	37.35 1.99 -0.96	34.77 1.94 -0.01	33.49 1.65 0.00	37.05 1.94 -3.22	34.74 1.53 0.00	37.25 1.81 0.00	42.31 2.51 0.00	47.96 3.59 -0.01	57.64 4.17 0.00	51.87 3.76 0.00	45.78 3.16 -3.56	40.00 2.62 0.00	36.17 2.11 0.00
HOLTSVILLE_IC_5 23694	37.49 2.35 0.00	36.36 1.96 0.00	35.12 1.55 0.00	34.78 1.50 0.00	35.10 1.54 0.00	41.08 2.18 0.00	57.71 3.47 0.00	71.41 4.21 -0.43	54.51 3.28 -0.01	48.79 2.61 -6.56	39.05 2.10 -0.01	37.35 1.99 -0.96	34.77 1.94 -0.01	33.49 1.65 0.00	37.05 1.94 -3.22	34.74 1.53 0.00	37.25 1.81 0.00	42.31 2.51 0.00	47.96 3.59 -0.01	57.64 4.17 0.00	51.87 3.76 0.00	45.78 3.16 -3.56	40.00 2.62 0.00	36.17 2.11 0.00
HOLTSVILLE_IC_6 23695	37.60 2.46 0.00	36.46 2.06 0.00	35.22 1.64 0.00	34.88 1.60 0.00	35.23 1.68 0.00	41.23 2.33 0.00	58.03 3.79 0.00	71.74 4.54 -0.43	54.71 3.48 -0.01	48.91 2.73 -6.56	39.16 2.22 -0.01	37.46 2.10 -0.96	34.87 2.04 -0.01	33.55 1.72 0.00	37.15 2.04 -3.22	34.83 1.63 0.00	37.36 1.91 0.00	42.47 2.67 0.00	48.22 3.86 -0.01	57.90 4.43 0.00	52.15 4.04 0.00	45.98 3.36 -3.56	40.18 2.80 0.00	36.27 2.21 0.00
HOLTSVILLE_IC_7 23696	37.60 2.46 0.00	36.46 2.06 0.00	35.22 1.64 0.00	34.88 1.60 0.00	35.23 1.68 0.00	41.23 2.33 0.00	58.03 3.79 0.00	71.74 4.54 -0.43	54.71 3.48 -0.01	48.91 2.73 -6.56	39.16 2.22 -0.01	37.46 2.10 -0.96	34.87 2.04 -0.01	33.55 1.72 0.00	37.15 2.04 -3.22	34.83 1.63 0.00	37.36 1.91 0.00	42.47 2.67 0.00	48.22 3.86 -0.01	57.90 4.43 0.00	52.15 4.04 0.00	45.98 3.36 -3.56	40.18 2.80 0.00	36.27 2.21 0.00
HOLTSVILLE_IC_8 23697	37.60 2.46 0.00	36.46 2.06 0.00	35.22 1.64 0.00	34.88 1.60 0.00	35.23 1.68 0.00	41.23 2.33 0.00	58.03 3.79 0.00	71.74 4.54 -0.43	54.71 3.48 -0.01	48.91 2.73 -6.56	39.16 2.22 -0.01	37.46 2.10 -0.96	34.87 2.04 -0.01	33.55 1.72 0.00	37.15 2.04 -3.22	34.83 1.63 0.00	37.36 1.91 0.00	42.47 2.67 0.00	48.22 3.86 -0.01	57.90 4.43 0.00	52.15 4.04 0.00	45.98 3.36 -3.56	40.18 2.80 0.00	36.27 2.21 0.00
HOLTSVILLE_IC_9 23698	37.60 2.46 0.00	36.46 2.06 0.00	35.22 1.64 0.00	34.88 1.60 0.00	35.23 1.68 0.00	41.23 2.33 0.00	58.03 3.79 0.00	71.74 4.54 -0.43	54.71 3.48 -0.01	48.91 2.73 -6.56	39.16 2.22 -0.01	37.46 2.10 -0.96	34.87 2.04 -0.01	33.55 1.72 0.00	37.15 2.04 -3.22	34.83 1.63 0.00	37.36 1.91 0.00	42.47 2.67 0.00	48.22 3.86 -0.01	57.90 4.43 0.00	52.15 4.04 0.00	45.98 3.36 -3.56	40.18 2.80 0.00	36.27 2.21 0.00
HOMER_HL_115KV_TB2 355744	34.22 -0.91 0.00	33.68 -0.72 0.00	33.14 -0.44 0.00	32.78 -0.50 0.00	33.12 -0.44 0.00	38.43 -0.47 0.00	53.42 -0.81 0.00	64.63 -2.14 0.00	49.48 -1.74 0.00	38.31 -1.31 0.00	35.75 -1.18 0.00	33.33 -1.07 0.00	31.45 -1.38 0.00	30.85 -0.99 0.00	30.67 -1.21 0.00	32.14 -1.06 0.00	34.06 -1.38 0.00	38.01 -1.79 0.00	41.92 -2.44 0.00	50.63 -2.83 0.00	45.37 -2.74 0.00	36.36 -2.70 0.00	34.99 -2.39 0.00	32.15 -1.91 0.00
HOWARD_WT_PWR 323690	34.01 -1.13 0.00	33.37 -1.03 0.00	32.84 -0.74 0.00	32.71 -0.57 0.00	33.22 -0.34 0.00	38.78 -0.12 0.00	54.29 0.05 0.00	66.43 -0.33 0.00	50.71 -0.51 0.00	39.38 -0.24 0.00	36.60 -0.33 0.00	34.09 -0.31 0.00	32.33 -0.49 0.00	31.48 -0.35 0.00	31.34 -0.54 0.00	33.01 -0.20 0.00	35.23 -0.21 0.00	39.40 -0.40 0.00	43.65 -0.71 0.00	52.29 -1.18 0.00	46.71 -1.40 0.00	37.34 -1.72 0.00	35.74 -1.64 0.00	32.29 -1.77 0.00

HQ_GEN_CEDARS 23644	34.22 -0.91 0.00	35.74 -0.76 -2.10	34.97 -0.67 -2.07	34.77 -0.57 -2.06	34.74 -0.57 -1.76	38.43 -0.47 0.00	53.74 -0.49 0.00	66.21 -0.67 -0.11	50.76 -0.46 0.00	39.18 -0.44 0.00	36.64 -0.30 0.00	34.16 -0.24 0.00	32.66 -0.16 0.00	31.67 -0.16 0.00	31.75 -0.13 0.00	33.01 -0.20 0.00	35.23 -0.21 0.00	39.64 -0.16 0.00	44.09 -0.27 0.00	53.14 -0.32 0.00	47.87 -0.24 0.00	38.83 -0.23 0.00	37.23 -0.15 0.00	33.89 -0.17 0.00
HQ_GEN_CEDARS_PROXY 323590	34.22 -0.91 0.00	35.74 -0.76 -2.10	34.97 -0.67 -2.07	34.77 -0.57 -2.06	34.74 -0.57 -1.76	38.44 -0.47 0.00	53.74 -0.49 0.00	66.21 -0.67 -0.11	50.76 -0.46 0.00	39.22 -0.40 0.00	36.68 -0.26 0.00	34.16 -0.24 0.00	32.66 -0.16 0.00	31.71 -0.13 0.00	31.98 -0.13 -0.22	32.85 -0.13 0.22	35.23 -0.21 0.00	38.38 -0.12 1.30	45.40 -0.26 -1.30	53.14 -0.32 0.00	47.87 -0.24 0.00	38.83 -0.23 0.00	37.23 -0.15 0.00	33.89 -0.17 0.00
HQ_GEN_IMPORT 323601	34.65 -0.49 0.00	33.95 -0.45 0.00	33.18 -0.40 0.00	32.91 -0.37 0.00	33.18 -0.37 0.00	38.55 -0.35 0.00	53.80 -0.44 0.00	66.23 -0.54 0.00	50.96 -0.25 0.00	39.42 -0.20 0.00	36.79 -0.15 0.00	34.30 -0.10 0.00	32.76 -0.07 0.00	31.77 -0.06 0.00	32.04 -0.06 -0.22	32.92 -0.07 0.22	35.34 -0.11 0.00	38.42 -0.08 1.30	45.44 -0.22 -1.30	53.20 -0.27 0.00	47.92 -0.19 0.00	38.90 -0.16 0.00	37.23 -0.15 0.00	33.96 -0.10 0.00
HQ_GEN_WHEEL 23651	34.65 -0.49 0.00	33.95 -0.45 0.00	33.18 -0.40 0.00	32.91 -0.37 0.00	33.18 -0.37 0.00	38.55 -0.35 0.00	53.80 -0.44 0.00	66.23 -0.54 0.00	50.96 -0.25 0.00	39.42 -0.20 0.00	36.79 -0.15 0.00	34.30 -0.10 0.00	32.76 -0.07 0.00	31.77 -0.06 0.00	32.04 -0.06 -0.22	32.92 -0.07 0.22	35.34 -0.11 0.00	38.42 -0.08 1.30	45.44 -0.22 -1.30	53.20 -0.27 0.00	47.92 -0.19 0.00	38.90 -0.16 0.00	37.23 -0.15 0.00	33.96 -0.10 0.00
HUDSON AVE_GT_3 23810	37.25 2.11 0.00	36.26 1.86 0.00	35.22 1.65 0.00	34.88 1.60 0.00	35.16 1.61 0.00	40.61 1.71 0.00	56.73 2.49 0.00	70.30 3.54 0.00	54.09 2.87 0.00	41.96 2.34 0.00	38.86 1.92 0.00	36.19 1.79 0.00	34.70 1.87 0.00	33.58 1.75 0.00	33.70 1.82 0.00	34.93 1.73 0.00	37.29 1.84 0.00	42.03 2.23 0.00	47.07 2.71 0.00	56.62 3.15 0.00	51.00 2.89 0.00	41.56 2.50 0.00	39.51 2.13 0.00	35.97 1.91 0.00
HUDSON AVE_GT_4 23540	37.25 2.11 0.00	36.26 1.86 0.00	35.22 1.65 0.00	34.88 1.60 0.00	35.16 1.61 0.00	40.61 1.71 0.00	56.73 2.49 0.00	70.30 3.54 0.00	54.09 2.87 0.00	41.96 2.34 0.00	38.86 1.92 0.00	36.19 1.79 0.00	34.70 1.87 0.00	33.58 1.75 0.00	33.70 1.82 0.00	34.93 1.73 0.00	37.29 1.84 0.00	42.03 2.23 0.00	47.07 2.71 0.00	56.62 3.15 0.00	51.00 2.89 0.00	41.56 2.50 0.00	39.51 2.13 0.00	35.97 1.91 0.00
HUDSON AVE_GT_5 23657	37.25 2.11 0.00	36.26 1.86 0.00	35.22 1.65 0.00	34.88 1.60 0.00	35.16 1.61 0.00	40.61 1.71 0.00	56.73 2.49 0.00	70.30 3.54 0.00	54.09 2.87 0.00	41.96 2.34 0.00	38.86 1.92 0.00	36.19 1.79 0.00	34.70 1.87 0.00	33.58 1.75 0.00	33.70 1.82 0.00	34.93 1.73 0.00	37.29 1.84 0.00	42.03 2.23 0.00	47.07 2.71 0.00	56.62 3.15 0.00	51.00 2.89 0.00	41.56 2.50 0.00	39.51 2.13 0.00	35.97 1.91 0.00
HUDSON_AVE_10 24168	37.18 2.04 0.00	36.19 1.79 0.00	35.12 1.54 0.00	34.81 1.53 0.00	35.10 1.54 0.00	40.50 1.59 0.00	56.62 2.39 0.00	70.24 3.47 0.00	53.98 2.77 0.00	41.92 2.30 0.00	38.82 1.88 0.00	36.12 1.72 0.00	34.63 1.81 0.00	33.52 1.69 0.00	33.63 1.75 0.00	34.90 1.69 0.00	37.25 1.81 0.00	41.99 2.19 0.00	47.02 2.66 0.00	56.56 3.10 0.00	50.95 2.84 0.00	41.56 2.50 0.00	39.47 2.09 0.00	35.97 1.91 0.00
HUDSON___115KV_TB 4 355613	37.07 1.93 0.00	36.29 1.89 0.00	35.32 1.75 0.00	34.98 1.70 0.00	35.23 1.68 0.00	40.88 1.98 0.00	56.94 2.71 0.00	69.90 3.14 0.00	53.22 2.00 0.00	40.93 1.31 0.00	37.86 0.92 0.00	35.22 0.83 0.00	33.61 0.79 0.00	32.41 0.57 0.00	32.39 0.51 0.00	33.67 0.46 0.00	36.08 0.64 0.00	40.60 0.80 0.00	45.60 1.24 0.00	55.01 1.55 0.00	49.55 1.44 0.00	40.31 1.25 0.00	38.61 1.23 0.00	35.32 1.26 0.00
HUNTER MOUNT___DRP 323613	37.21 2.07 0.00	36.43 2.03 0.00	35.49 1.91 0.00	35.14 1.86 0.00	35.40 1.85 0.00	41.08 2.18 0.00	57.21 2.98 0.00	70.10 3.34 0.00	53.27 2.05 0.00	40.97 1.35 0.00	37.82 0.89 0.00	35.19 0.79 0.00	33.58 0.76 0.00	32.34 0.51 0.00	32.36 0.48 0.00	33.64 0.43 0.00	36.12 0.67 0.00	40.64 0.84 0.00	45.65 1.29 0.00	55.12 1.66 0.00	49.60 1.49 0.00	40.39 1.33 0.00	38.73 1.35 0.00	35.42 1.36 0.00
HUNTINGTON_RES_REC 323705	37.60 2.46 0.00	36.50 2.10 0.00	35.29 1.71 0.00	34.91 1.63 0.00	35.26 1.71 0.00	41.16 2.26 0.00	57.81 3.58 0.00	71.87 4.67 -0.43	54.81 3.58 -0.01	48.99 2.81 -6.56	39.27 2.33 -0.01	37.59 2.23 -0.96	34.97 2.13 -0.01	33.71 1.88 0.00	37.27 2.17 -3.22	34.93 1.73 0.00	37.46 2.02 0.00	42.51 2.71 0.00	48.09 3.73 -0.01	57.74 4.28 0.00	51.91 3.80 0.00	45.82 3.20 -3.56	40.07 2.69 0.00	36.27 2.21 0.00
HUNTLEY___63 23557	34.01 -1.12 0.00	33.44 -0.96 0.00	32.91 -0.67 0.00	32.45 -0.83 0.00	32.85 -0.70 0.00	38.16 -0.74 0.00	52.60 -1.63 0.00	63.16 -3.61 0.00	48.91 -2.30 0.00	37.96 -1.66 0.00	35.61 -1.33 0.00	33.23 -1.17 0.00	31.32 -1.51 0.00	30.78 -1.05 0.00	30.67 -1.21 0.00	32.18 -1.03 0.00	34.02 -1.42 0.00	37.77 -2.03 0.00	41.61 -2.75 0.00	50.09 -3.37 0.00	44.98 -3.13 0.00	36.17 -2.89 0.00	35.02 -2.35 0.00	32.08 -1.98 0.00
HUNTLEY___64 23558	34.01 -1.12 0.00	33.44 -0.96 0.00	32.91 -0.67 0.00	32.45 -0.83 0.00	32.85 -0.70 0.00	38.16 -0.74 0.00	52.60 -1.63 0.00	63.16 -3.61 0.00	48.91 -2.30 0.00	37.96 -1.66 0.00	35.61 -1.33 0.00	33.23 -1.17 0.00	31.32 -1.51 0.00	30.78 -1.05 0.00	30.67 -1.21 0.00	32.18 -1.03 0.00	34.02 -1.42 0.00	37.77 -2.03 0.00	41.61 -2.75 0.00	50.09 -3.37 0.00	44.98 -3.13 0.00	36.17 -2.89 0.00	35.02 -2.35 0.00	32.08 -1.98 0.00
HUNTLEY___65 23559	34.01 -1.12 0.00	33.44 -0.96 0.00	32.91 -0.67 0.00	32.45 -0.83 0.00	32.85 -0.70 0.00	38.16 -0.74 0.00	52.60 -1.63 0.00	63.16 -3.61 0.00	48.91 -2.30 0.00	37.96 -1.66 0.00	35.61 -1.33 0.00	33.23 -1.17 0.00	31.32 -1.51 0.00	30.78 -1.05 0.00	30.67 -1.21 0.00	32.18 -1.03 0.00	34.02 -1.42 0.00	37.77 -2.03 0.00	41.61 -2.75 0.00	50.09 -3.37 0.00	44.98 -3.13 0.00	36.17 -2.89 0.00	35.02 -2.35 0.00	32.08 -1.98 0.00
HUNTLEY___66 23560	34.01 -1.12 0.00	33.44 -0.96 0.00	32.91 -0.67 0.00	32.45 -0.83 0.00	32.85 -0.70 0.00	38.16 -0.74 0.00	52.60 -1.63 0.00	63.16 -3.61 0.00	48.91 -2.30 0.00	37.96 -1.66 0.00	35.61 -1.33 0.00	33.23 -1.17 0.00	31.32 -1.51 0.00	30.78 -1.05 0.00	30.67 -1.21 0.00	32.18 -1.03 0.00	34.02 -1.42 0.00	37.77 -2.03 0.00	41.61 -2.75 0.00	50.09 -3.37 0.00	44.98 -3.13 0.00	36.17 -2.89 0.00	35.02 -2.35 0.00	32.08 -1.98 0.00



HUNTLEY___67 23561	33.91 -1.23 0.00	33.33 -1.07 0.00	32.77 -0.81 0.00	32.31 -0.97 0.00	32.68 -0.87 0.00	38.01 -0.89 0.00	52.33 -1.90 0.00	62.96 -3.81 0.00	48.71 -2.51 0.00	37.80 -1.82 0.00	35.46 -1.48 0.00	33.13 -1.27 0.00	31.22 -1.61 0.00	30.65 -1.18 0.00	30.51 -1.37 0.00	32.01 -1.20 0.00	33.85 -1.59 0.00	37.61 -2.19 0.00	41.43 -2.93 0.00	49.88 -3.58 0.00	44.84 -3.27 0.00	36.05 -3.01 0.00	34.91 -2.47 0.00	32.02 -2.04 0.00
HUNTLEY___68 23562	33.91 -1.23 0.00	33.33 -1.07 0.00	32.77 -0.81 0.00	32.31 -0.97 0.00	32.68 -0.87 0.00	38.01 -0.89 0.00	52.33 -1.90 0.00	62.96 -3.81 0.00	48.71 -2.51 0.00	37.80 -1.82 0.00	35.46 -1.48 0.00	33.13 -1.27 0.00	31.22 -1.61 0.00	30.65 -1.18 0.00	30.51 -1.37 0.00	32.01 -1.20 0.00	33.85 -1.59 0.00	37.61 -2.19 0.00	41.43 -2.93 0.00	49.88 -3.58 0.00	44.84 -3.27 0.00	36.05 -3.01 0.00	34.91 -2.47 0.00	32.02 -2.04 0.00
HYLAND___LFG 323620	35.45 0.32 0.00	34.84 0.45 0.00	34.28 0.71 0.00	34.01 0.73 0.00	34.42 0.87 0.00	40.11 1.21 0.00	55.86 1.63 0.00	67.97 1.20 0.00	51.27 0.05 0.00	39.35 -0.28 0.00	36.46 -0.48 0.00	33.81 -0.58 0.00	31.94 -0.88 0.00	31.10 -0.73 0.00	31.02 -0.86 0.00	32.81 -0.40 0.00	35.30 -0.14 0.00	39.84 0.04 0.00	44.58 0.22 0.00	53.89 0.43 0.00	48.69 0.58 0.00	39.06 0.00 0.00	37.49 0.11 0.00	33.99 -0.07 0.00
INDECK___CORINTH 23802	37.56 2.42 0.00	36.77 2.37 0.00	35.79 2.22 0.00	35.44 2.16 0.00	35.70 2.15 0.00	41.55 2.65 0.00	58.19 3.96 0.00	71.77 5.01 0.00	54.39 3.18 0.00	41.60 1.98 0.00	38.56 1.62 0.00	35.81 1.41 0.00	34.07 1.25 0.00	32.88 1.05 0.00	33.09 1.21 0.00	34.60 1.39 0.00	37.14 1.70 0.00	41.83 2.03 0.00	46.98 2.62 0.00	56.78 3.32 0.00	51.05 2.94 0.00	41.36 2.30 0.00	39.62 2.24 0.00	35.93 1.87 0.00
INDECK___ILION 23567	34.96 -0.18 0.00	34.19 -0.21 0.00	33.34 -0.24 0.00	33.05 -0.23 0.00	33.35 -0.20 0.00	38.74 -0.16 0.00	54.12 -0.11 0.00	66.50 -0.27 0.00	51.01 -0.20 0.00	39.42 -0.20 0.00	36.79 -0.15 0.00	34.30 -0.10 0.00	32.73 -0.10 0.00	31.74 -0.10 0.00	31.82 -0.06 0.00	33.24 0.03 0.00	35.48 0.04 0.00	39.88 0.08 0.00	44.54 0.18 0.00	53.68 0.21 0.00	48.26 0.14 0.00	39.06 0.00 0.00	37.27 -0.11 0.00	33.86 -0.20 0.00
INDECK___OLEAN 23982	34.22 -0.91 0.00	33.67 -0.72 0.00	33.18 -0.40 0.00	32.78 -0.50 0.00	33.05 -0.50 0.00	38.36 -0.54 0.00	53.47 -0.76 0.00	65.03 -1.74 0.00	49.42 -1.79 0.00	38.55 -1.07 0.00	35.86 -1.07 0.00	33.33 -1.07 0.00	31.48 -1.35 0.00	30.81 -1.02 0.00	30.57 -1.31 0.00	32.11 -1.10 0.00	34.20 -1.24 0.00	38.05 -1.75 0.00	42.10 -2.26 0.00	50.63 -2.84 0.00	45.42 -2.69 0.00	36.37 -2.69 0.00	34.99 -2.39 0.00	32.15 -1.91 0.00
INDECK___OSWEGO 23783	34.47 -0.67 0.00	33.78 -0.62 0.00	33.01 -0.57 0.00	32.68 -0.60 0.00	32.95 -0.60 0.00	38.16 -0.74 0.00	53.04 -1.19 0.00	65.23 -1.53 0.00	49.94 -1.28 0.00	38.67 -0.95 0.00	36.16 -0.78 0.00	33.64 -0.76 0.00	32.07 -0.75 0.00	31.13 -0.70 0.00	31.15 -0.73 0.00	32.54 -0.66 0.00	34.73 -0.71 0.00	38.84 -0.96 0.00	43.25 -1.11 0.00	52.13 -1.33 0.00	46.86 -1.25 0.00	38.08 -0.97 0.00	36.52 -0.86 0.00	33.28 -0.78 0.00
INDECK___YERKES 23781	34.05 -1.09 0.00	33.47 -0.93 0.00	32.94 -0.64 0.00	32.48 -0.80 0.00	32.85 -0.71 0.00	38.08 -0.82 0.00	52.55 -1.68 0.00	63.63 -3.14 0.00	48.81 -2.41 0.00	38.16 -1.47 0.00	35.72 -1.22 0.00	33.19 -1.20 0.00	31.32 -1.51 0.00	30.72 -1.12 0.00	30.54 -1.34 0.00	32.14 -1.06 0.00	34.17 -1.27 0.00	37.77 -2.03 0.00	41.79 -2.57 0.00	49.99 -3.47 0.00	44.93 -3.18 0.00	36.17 -2.89 0.00	35.10 -2.28 0.00	32.12 -1.94 0.00
INDIAN POINT_GT_1 24139	36.79 1.65 0.00	35.88 1.48 0.00	34.89 1.31 0.00	34.51 1.23 0.00	34.76 1.21 0.00	40.18 1.28 0.00	56.13 1.90 0.00	69.57 2.80 0.00	53.27 2.05 0.00	41.32 1.70 0.00	38.27 1.33 0.00	35.60 1.20 0.00	34.11 1.28 0.00	33.01 1.18 0.00	33.16 1.28 0.00	34.37 1.16 0.00	36.72 1.28 0.00	41.39 1.59 0.00	46.36 2.00 0.00	55.87 2.41 0.00	50.28 2.16 0.00	40.93 1.87 0.00	38.99 1.61 0.00	35.46 1.40 0.00
INDIAN POINT_GT_2 23659	36.79 1.65 0.00	35.88 1.48 0.00	34.89 1.31 0.00	34.51 1.23 0.00	34.76 1.21 0.00	40.18 1.28 0.00	56.13 1.90 0.00	69.57 2.80 0.00	53.27 2.05 0.00	41.32 1.70 0.00	38.27 1.33 0.00	35.60 1.20 0.00	34.11 1.28 0.00	33.01 1.18 0.00	33.16 1.28 0.00	34.37 1.16 0.00	36.72 1.28 0.00	41.39 1.59 0.00	46.36 2.00 0.00	55.87 2.41 0.00	50.28 2.16 0.00	40.93 1.87 0.00	38.99 1.61 0.00	35.46 1.40 0.00
INDIAN POINT_GT_3 24019	36.79 1.65 0.00	35.88 1.48 0.00	34.89 1.31 0.00	34.51 1.23 0.00	34.76 1.21 0.00	40.18 1.28 0.00	56.13 1.90 0.00	69.57 2.80 0.00	53.27 2.05 0.00	41.32 1.70 0.00	38.27 1.33 0.00	35.60 1.20 0.00	34.11 1.28 0.00	33.01 1.18 0.00	33.16 1.28 0.00	34.37 1.16 0.00	36.72 1.28 0.00	41.39 1.59 0.00	46.36 2.00 0.00	55.87 2.41 0.00	50.28 2.16 0.00	40.93 1.87 0.00	38.99 1.61 0.00	35.46 1.40 0.00
INDIAN POINT___2 23530	36.68 1.54 0.00	35.78 1.38 0.00	34.75 1.17 0.00	34.41 1.13 0.00	34.66 1.11 0.00	40.07 1.17 0.00	56.13 1.90 0.00	69.50 2.74 0.00	53.27 2.05 0.00	41.28 1.66 0.00	38.23 1.29 0.00	35.64 1.24 0.00	34.07 1.25 0.00	32.95 1.11 0.00	33.09 1.21 0.00	34.34 1.13 0.00	36.68 1.24 0.00	41.35 1.55 0.00	46.31 1.95 0.00	55.87 2.41 0.00	50.28 2.17 0.00	40.78 1.72 0.00	38.84 1.46 0.00	35.32 1.26 0.00
INDIAN POINT___3 23531	36.82 1.69 0.00	35.91 1.51 0.00	34.92 1.34 0.00	34.54 1.26 0.00	34.79 1.24 0.00	40.22 1.32 0.00	56.18 1.95 0.00	69.63 2.87 0.00	53.37 2.15 0.00	41.40 1.78 0.00	38.34 1.40 0.00	35.67 1.27 0.00	34.17 1.35 0.00	33.07 1.24 0.00	33.19 1.31 0.00	34.40 1.20 0.00	36.75 1.31 0.00	41.43 1.63 0.00	46.44 2.08 0.00	55.92 2.46 0.00	50.37 2.26 0.00	41.01 1.95 0.00	39.02 1.64 0.00	35.52 1.46 0.00
INGHAM_C_115KV_TB7 356103	34.40 -0.74 0.00	33.57 -0.83 0.00	32.74 -0.84 0.00	32.48 -0.80 0.00	32.78 -0.77 0.00	38.12 -0.78 0.00	53.36 -0.87 0.00	65.30 -1.47 0.00	50.14 -1.08 0.00	38.83 -0.79 0.00	36.35 -0.59 0.00	33.88 -0.52 0.00	32.33 -0.49 0.00	31.39 -0.45 0.00	31.50 -0.38 0.00	33.01 -0.20 0.00	35.16 -0.28 0.00	39.56 -0.24 0.00	44.18 -0.18 0.00	53.19 -0.27 0.00	47.77 -0.34 0.00	38.63 -0.43 0.00	36.74 -0.64 0.00	33.28 -0.78 0.00
IP CORINTH___1 23988	37.56 2.42 0.00	36.77 2.37 0.00	35.79 2.22 0.00	35.44 2.16 0.00	35.70 2.15 0.00	41.55 2.65 0.00	58.08 3.85 0.00	71.57 4.81 0.00	54.24 3.02 0.00	41.56 1.94 0.00	38.45 1.51 0.00	35.71 1.31 0.00	34.01 1.18 0.00	32.82 0.99 0.00	33.03 1.15 0.00	34.50 1.30 0.00	37.07 1.63 0.00	41.79 1.99 0.00	46.93 2.57 0.00	56.67 3.21 0.00	50.95 2.84 0.00	41.36 2.30 0.00	39.62 2.24 0.00	35.93 1.87 0.00

IP___TICONDEROGA 23804	38.44 3.30 0.00	37.74 3.34 0.00	36.73 3.16 0.00	36.31 3.03 0.00	36.57 3.02 0.00	42.75 3.85 0.00	59.82 5.59 0.00	73.77 7.01 0.00	55.42 4.20 0.00	42.16 2.54 0.00	38.93 1.99 0.00	36.08 1.69 0.00	34.37 1.54 0.00	33.07 1.24 0.00	33.44 1.56 0.00	35.07 1.86 0.00	37.75 2.30 0.00	42.75 2.95 0.00	48.17 3.81 0.00	58.33 4.87 0.00	52.44 4.33 0.00	42.50 3.44 0.00	40.67 3.29 0.00	36.78 2.72 0.00
ISLIP_RES_REC 323679	37.74 2.60 0.00	36.60 2.20 0.00	35.36 1.78 0.00	34.98 1.70 0.00	35.33 1.78 0.00	41.39 2.49 0.00	58.30 4.07 0.00	72.01 4.81 -0.43	54.92 3.69 -0.01	49.03 2.85 -6.56	39.27 2.33 -0.01	37.59 2.23 -0.96	34.97 2.13 -0.01	33.65 1.81 0.00	37.24 2.14 -3.22	34.97 1.76 0.00	37.50 2.05 0.00	42.59 2.79 0.00	48.40 4.04 -0.01	58.17 4.71 0.00	52.35 4.23 0.00	46.13 3.52 -3.56	40.33 2.95 0.00	36.41 2.35 0.00
JAMAICA__27_KV_LOAD 355505	37.32 2.18 0.00	36.32 1.93 0.00	35.26 1.68 0.00	34.94 1.66 0.00	35.23 1.68 0.00	40.69 1.79 0.00	56.94 2.71 0.00	70.70 3.94 0.00	54.39 3.18 0.00	42.20 2.58 0.00	39.04 2.11 0.00	36.36 1.96 0.00	34.86 2.04 0.00	33.77 1.94 0.00	33.89 2.01 0.00	35.17 1.96 0.00	37.53 2.09 0.00	42.35 2.55 0.00	47.38 3.02 0.00	56.99 3.53 0.00	51.33 3.22 0.00	41.87 2.81 0.00	39.70 2.32 0.00	36.17 2.11 0.00
JANIS___SOLAR 323808	36.44 1.30 0.00	35.74 1.34 0.00	34.92 1.34 0.00	34.68 1.40 0.00	34.99 1.44 0.00	40.81 1.91 0.00	57.27 3.04 0.00	70.50 3.74 0.00	53.32 2.10 0.00	40.73 1.11 0.00	37.68 0.74 0.00	34.95 0.55 0.00	33.25 0.43 0.00	32.31 0.48 0.00	32.42 0.54 0.00	34.20 1.00 0.00	36.65 1.21 0.00	41.43 1.63 0.00	46.27 1.91 0.00	55.81 2.35 0.00	50.04 1.93 0.00	40.35 1.29 0.00	38.69 1.31 0.00	35.08 1.02 0.00
JARVIS____ 23743	35.31 0.18 0.00	34.57 0.17 0.00	33.71 0.13 0.00	33.41 0.13 0.00	33.72 0.17 0.00	39.10 0.20 0.00	54.56 0.33 0.00	67.23 0.47 0.00	51.47 0.26 0.00	39.78 0.16 0.00	37.05 0.11 0.00	34.47 0.07 0.00	32.93 0.10 0.00	31.90 0.06 0.00	31.98 0.10 0.00	33.31 0.10 0.00	35.55 0.11 0.00	39.96 0.16 0.00	44.63 0.27 0.00	53.79 0.32 0.00	48.40 0.29 0.00	39.30 0.24 0.00	37.57 0.19 0.00	34.20 0.14 0.00
JENNISON___1 23625	36.51 1.37 0.00	35.77 1.38 0.00	34.96 1.38 0.00	34.71 1.43 0.00	35.03 1.48 0.00	40.88 1.98 0.00	57.38 3.15 0.00	70.84 4.07 0.00	53.83 2.61 0.00	41.21 1.58 0.00	38.16 1.22 0.00	35.47 1.07 0.00	33.75 0.92 0.00	32.82 0.99 0.00	32.93 1.05 0.00	34.64 1.43 0.00	36.93 1.49 0.00	41.59 1.79 0.00	46.40 2.04 0.00	55.98 2.51 0.00	50.08 1.97 0.00	40.39 1.33 0.00	38.69 1.31 0.00	35.12 1.06 0.00
JENNISON___2 23626	36.51 1.37 0.00	35.77 1.38 0.00	34.96 1.38 0.00	34.71 1.43 0.00	35.03 1.48 0.00	40.88 1.98 0.00	57.38 3.15 0.00	70.84 4.07 0.00	53.83 2.61 0.00	41.21 1.58 0.00	38.16 1.22 0.00	35.47 1.07 0.00	33.75 0.92 0.00	32.82 0.99 0.00	32.93 1.05 0.00	34.64 1.43 0.00	36.93 1.49 0.00	41.59 1.79 0.00	46.40 2.04 0.00	55.98 2.51 0.00	50.08 1.97 0.00	40.39 1.33 0.00	38.69 1.31 0.00	35.12 1.06 0.00
JERICHO_RISE_WT_PWR 323719	33.21 -1.93 0.00	-10.00 -1.79 42.61	-10.00 -1.68 41.90	-10.00 -1.56 41.72	-3.62 -1.58 35.60	37.38 -1.52 0.00	52.23 -2.01 0.00	61.91 -2.60 2.25	49.99 -1.23 0.00	38.83 -0.79 0.00	36.57 -0.37 0.00	34.23 -0.17 0.00	32.79 -0.03 0.00	31.80 -0.03 0.00	31.85 -0.03 0.00	33.17 -0.03 0.00	35.41 -0.04 0.00	39.96 0.16 0.00	44.49 0.13 0.00	53.73 0.27 0.00	48.45 0.34 0.00	39.22 0.16 0.00	37.53 0.15 0.00	34.33 0.27 0.00
KATONAH___115KV_46KV_TB4 355592	37.18 2.04 0.00	36.22 1.82 0.00	35.19 1.61 0.00	34.81 1.53 0.00	35.10 1.54 0.00	40.53 1.63 0.00	56.67 2.44 0.00	70.24 3.47 0.00	53.78 2.56 0.00	41.64 2.02 0.00	38.60 1.66 0.00	35.91 1.51 0.00	34.40 1.58 0.00	33.30 1.46 0.00	33.44 1.56 0.00	34.70 1.49 0.00	37.07 1.63 0.00	41.75 1.95 0.00	46.71 2.35 0.00	56.40 2.94 0.00	50.71 2.60 0.00	41.29 2.23 0.00	39.32 1.94 0.00	35.76 1.70 0.00
KCE_NY_1 323755	37.28 2.14 0.00	36.46 2.06 0.00	35.53 1.95 0.00	35.17 1.90 0.00	35.43 1.88 0.00	41.16 2.26 0.00	57.54 3.31 0.00	70.84 4.07 0.00	53.88 2.66 0.00	41.32 1.70 0.00	38.30 1.37 0.00	35.60 1.20 0.00	33.97 1.15 0.00	32.82 0.99 0.00	32.97 1.08 0.00	34.44 1.23 0.00	36.93 1.49 0.00	41.55 1.75 0.00	46.66 2.31 0.00	56.35 2.88 0.00	50.71 2.60 0.00	41.13 2.07 0.00	39.32 1.94 0.00	35.73 1.67 0.00
KCE_NY_6_ESR 323823	34.26 -0.88 0.00	33.71 -0.69 0.00	33.18 -0.40 0.00	32.75 -0.53 0.00	33.08 -0.47 0.00	38.36 -0.54 0.00	53.09 -1.14 0.00	64.30 -2.47 0.00	49.27 -1.95 0.00	38.51 -1.11 0.00	35.98 -0.96 0.00	33.47 -0.93 0.00	31.58 -1.25 0.00	30.94 -0.89 0.00	30.76 -1.12 0.00	32.38 -0.83 0.00	34.41 -1.03 0.00	38.09 -1.71 0.00	42.10 -2.26 0.00	50.42 -3.05 0.00	45.27 -2.84 0.00	36.40 -2.66 0.00	35.29 -2.09 0.00	32.32 -1.74 0.00
KEDC_PORT_JEFF_GT2 24210	37.60 2.46 0.00	36.46 2.06 0.00	35.26 1.68 0.00	34.88 1.60 0.00	35.23 1.68 0.00	41.23 2.33 0.00	58.03 3.79 0.00	71.54 4.34 -0.43	54.71 3.48 -0.01	48.91 2.73 -6.56	39.16 2.22 -0.01	37.46 2.10 -0.96	34.87 2.04 -0.01	33.58 1.75 0.00	37.18 2.07 -3.22	34.87 1.66 0.00	37.39 1.95 0.00	42.47 2.67 0.00	48.22 3.86 -0.01	57.90 4.43 0.00	52.15 4.04 0.00	45.94 3.32 -3.56	40.18 2.80 0.00	36.27 2.21 0.00
KEDC_PORT_JEFF_GT3 24211	37.60 2.46 0.00	36.46 2.06 0.00	35.26 1.68 0.00	34.88 1.60 0.00	35.23 1.68 0.00	41.23 2.33 0.00	58.03 3.79 0.00	71.54 4.34 -0.43	54.71 3.48 -0.01	48.91 2.73 -6.56	39.16 2.22 -0.01	37.46 2.10 -0.96	34.87 2.04 -0.01	33.58 1.75 0.00	37.18 2.07 -3.22	34.87 1.66 0.00	37.39 1.95 0.00	42.47 2.67 0.00	48.22 3.86 -0.01	57.90 4.43 0.00	52.15 4.04 0.00	45.94 3.32 -3.56	40.18 2.80 0.00	36.27 2.21 0.00
KEDC_GLWD_GT4 24219	37.84 2.71 0.00	36.77 2.37 0.00	35.63 2.05 0.00	35.24 1.96 0.00	35.53 1.98 0.00	41.35 2.45 0.00	57.97 3.74 0.00	72.54 5.34 -0.43	55.32 4.10 -0.01	49.39 3.21 -6.56	39.72 2.77 -0.01	37.97 2.61 -0.96	35.36 2.53 -0.01	34.09 2.26 0.00	37.62 2.52 -3.22	35.30 2.09 0.00	37.78 2.34 0.00	42.75 2.95 0.00	48.18 3.82 -0.01	57.85 4.38 0.00	52.01 3.90 0.00	45.90 3.28 -3.56	40.18 2.80 0.00	36.48 2.42 0.00
KEDC_GLWD_GT5 24220	37.84 2.71 0.00	36.77 2.37 0.00	35.63 2.05 0.00	35.24 1.96 0.00	35.53 1.98 0.00	41.35 2.45 0.00	57.97 3.74 0.00	72.54 5.34 -0.43	55.32 4.10 -0.01	49.39 3.21 -6.56	39.72 2.77 -0.01	37.97 2.61 -0.96	35.36 2.53 -0.01	34.09 2.26 0.00	37.62 2.52 -3.22	35.30 2.09 0.00	37.78 2.34 0.00	42.75 2.95 0.00	48.18 3.82 -0.01	57.85 4.38 0.00	52.01 3.90 0.00	45.90 3.28 -3.56	40.18 2.80 0.00	36.48 2.42 0.00

KENSICO____ 23655	37.04 1.90 0.00	36.12 1.72 0.00	35.09 1.51 0.00	34.71 1.43 0.00	35.00 1.44 0.00	40.46 1.56 0.00	56.45 2.22 0.00	70.04 3.27 0.00	53.68 2.46 0.00	41.64 2.02 0.00	38.60 1.66 0.00	35.91 1.51 0.00	34.40 1.58 0.00	33.30 1.46 0.00	33.41 1.53 0.00	34.64 1.43 0.00	37.00 1.56 0.00	41.71 1.91 0.00	46.75 2.40 0.00	56.30 2.83 0.00	50.66 2.55 0.00	41.29 2.23 0.00	39.29 1.91 0.00	35.73 1.67 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	36.79 1.65 0.00	35.91 1.51 0.00	34.92 1.34 0.00	34.54 1.26 0.00	34.79 1.24 0.00	40.26 1.36 0.00	56.29 2.06 0.00	69.57 2.80 0.00	53.22 2.00 0.00	41.25 1.62 0.00	38.12 1.18 0.00	35.43 1.03 0.00	33.88 1.05 0.00	32.82 0.99 0.00	33.00 1.12 0.00	34.34 1.13 0.00	36.72 1.28 0.00	41.39 1.59 0.00	46.40 2.04 0.00	55.92 2.46 0.00	50.32 2.21 0.00	40.93 1.87 0.00	39.10 1.72 0.00	35.56 1.50 0.00
KIAC_JFK_GT1 23816	37.14 2.00 0.00	36.12 1.72 0.00	35.09 1.51 0.00	34.74 1.46 0.00	35.06 1.51 0.00	40.46 1.56 0.00	56.56 2.33 0.00	70.24 3.47 0.00	54.09 2.87 0.00	42.00 2.38 0.00	38.86 1.92 0.00	36.19 1.79 0.00	34.70 1.87 0.00	33.58 1.75 0.00	33.73 1.85 0.00	35.00 1.79 0.00	37.32 1.88 0.00	42.11 2.31 0.00	47.11 2.75 0.00	56.67 3.21 0.00	51.05 2.93 0.00	41.64 2.58 0.00	39.47 2.09 0.00	36.00 1.94 0.00
KIAC_JFK_GT2 23817	37.14 2.00 0.00	36.12 1.72 0.00	35.09 1.51 0.00	34.74 1.46 0.00	35.06 1.51 0.00	40.46 1.56 0.00	56.56 2.33 0.00	70.24 3.47 0.00	54.09 2.87 0.00	42.00 2.38 0.00	38.86 1.92 0.00	36.19 1.79 0.00	34.70 1.87 0.00	33.58 1.75 0.00	33.73 1.85 0.00	35.00 1.79 0.00	37.32 1.88 0.00	42.11 2.31 0.00	47.11 2.75 0.00	56.67 3.21 0.00	51.05 2.93 0.00	41.64 2.58 0.00	39.47 2.09 0.00	36.00 1.94 0.00
KIAC_JFK____ 323774	37.18 2.04 0.00	36.15 1.75 0.00	35.09 1.51 0.00	34.81 1.53 0.00	35.06 1.51 0.00	40.50 1.60 0.00	56.83 2.60 0.00	70.50 3.74 0.00	54.34 3.12 0.00	42.12 2.50 0.00	38.97 2.03 0.00	36.36 1.96 0.00	34.80 1.97 0.00	33.68 1.85 0.00	33.83 1.94 0.00	35.10 1.89 0.00	37.43 1.98 0.00	42.23 2.43 0.00	47.29 2.93 0.00	56.99 3.53 0.00	51.24 3.13 0.00	41.64 2.58 0.00	39.47 2.09 0.00	35.97 1.91 0.00
KINTIGH____ 23543	33.91 -1.23 0.00	33.30 -1.10 0.00	32.71 -0.87 0.00	32.28 -1.00 0.00	32.58 -0.97 0.00	37.89 -1.01 0.00	52.22 -2.01 0.00	63.09 -3.67 0.00	48.76 -2.46 0.00	37.84 -1.78 0.00	35.53 -1.40 0.00	33.13 -1.27 0.00	31.32 -1.51 0.00	30.65 -1.18 0.00	30.57 -1.31 0.00	32.05 -1.16 0.00	33.92 -1.52 0.00	37.77 -2.03 0.00	41.74 -2.62 0.00	50.25 -3.21 0.00	45.22 -2.89 0.00	36.40 -2.66 0.00	35.17 -2.21 0.00	32.22 -1.84 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	33.80 -1.34 0.00	-5.79 -1.03 39.15	-5.87 -0.94 38.50	-5.89 -0.83 38.33	0.00 -0.84 32.72	38.20 -0.70 0.00	53.20 -1.03 0.00	63.16 -1.54 2.07	50.76 -0.46 0.00	39.38 -0.24 0.00	37.08 0.15 0.00	34.67 0.28 0.00	33.22 0.39 0.00	32.21 0.38 0.00	32.26 0.38 0.00	33.61 0.40 0.00	35.94 0.50 0.00	40.60 0.80 0.00	45.25 0.89 0.00	54.64 1.18 0.00	49.31 1.20 0.00	39.88 0.82 0.00	38.16 0.78 0.00	35.01 0.95 0.00
LACHUTE____HYDRO 323717	38.44 3.30 0.00	37.73 3.34 0.00	36.73 3.16 0.00	36.34 3.06 0.00	36.57 3.02 0.00	42.71 3.81 0.00	59.92 5.69 0.00	73.91 7.15 0.00	55.62 4.41 0.00	42.19 2.57 0.00	39.04 2.10 0.00	36.19 1.79 0.00	34.43 1.61 0.00	33.17 1.34 0.00	33.51 1.63 0.00	35.17 1.96 0.00	37.82 2.37 0.00	42.79 2.99 0.00	48.26 3.90 0.00	58.44 4.97 0.00	52.53 4.42 0.00	42.50 3.44 0.00	40.67 3.29 0.00	36.79 2.73 0.00
LAWRNCALV_115KV_TB1 80681	33.49 -1.65 0.00	38.30 -1.48 -5.38	37.53 -1.34 -5.29	37.31 -1.23 -5.27	36.81 -1.24 -4.50	37.73 -1.17 0.00	52.88 -1.36 0.00	65.38 -1.67 -0.28	49.89 -1.33 0.00	38.47 -1.15 0.00	35.94 -1.00 0.00	33.50 -0.89 0.00	32.04 -0.79 0.00	31.07 -0.76 0.00	31.15 -0.73 0.00	32.41 -0.80 0.00	34.59 -0.85 0.00	38.92 -0.88 0.00	43.34 -1.02 0.00	52.29 -1.18 0.00	47.15 -0.96 0.00	38.20 -0.86 0.00	36.59 -0.78 0.00	33.28 -0.78 0.00
LEDERLE____ 23769	36.86 1.72 0.00	35.95 1.55 0.00	34.92 1.34 0.00	34.58 1.30 0.00	34.79 1.24 0.00	40.30 1.40 0.00	56.35 2.12 0.00	69.84 3.07 0.00	53.47 2.25 0.00	41.52 1.90 0.00	38.41 1.48 0.00	35.74 1.34 0.00	34.21 1.38 0.00	33.11 1.27 0.00	33.25 1.37 0.00	34.50 1.30 0.00	36.79 1.35 0.00	41.47 1.67 0.00	46.44 2.08 0.00	55.98 2.51 0.00	50.37 2.26 0.00	41.01 1.95 0.00	39.02 1.64 0.00	35.52 1.46 0.00
LIGHTHSE_115KV_TB6 355974	34.61 -0.53 0.00	33.92 -0.48 0.00	33.14 -0.44 0.00	32.88 -0.40 0.00	33.15 -0.40 0.00	38.55 -0.35 0.00	53.91 -0.33 0.00	66.36 -0.40 0.00	50.55 -0.67 0.00	38.87 -0.75 0.00	36.31 -0.63 0.00	33.75 -0.65 0.00	32.14 -0.69 0.00	31.20 -0.64 0.00	31.24 -0.64 0.00	32.71 -0.50 0.00	34.91 -0.53 0.00	39.20 -0.60 0.00	43.74 -0.62 0.00	52.87 -0.59 0.00	47.53 -0.58 0.00	38.43 -0.62 0.00	36.86 -0.52 0.00	33.45 -0.61 0.00
LINDEN COGEN____ 23786	37.07 1.93 0.00	36.05 1.65 0.00	35.02 1.44 0.00	34.68 1.40 0.00	34.93 1.38 0.00	40.38 1.48 0.00	56.56 2.33 0.00	70.03 3.27 0.00	53.93 2.71 0.00	41.76 2.14 0.00	38.71 1.77 0.00	36.12 1.72 0.00	34.53 1.71 0.00	33.42 1.59 0.00	33.54 1.66 0.00	34.80 1.59 0.00	37.11 1.67 0.00	41.87 2.07 0.00	46.93 2.57 0.00	56.51 3.05 0.00	50.85 2.74 0.00	41.29 2.23 0.00	39.21 1.83 0.00	35.73 1.67 0.00
LINDHRST_69_KV_BK1 356055	37.77 2.64 0.00	36.74 2.34 0.00	35.66 2.08 0.00	35.14 1.86 0.00	35.50 1.95 0.00	41.39 2.49 0.00	57.59 3.36 0.00	72.20 5.01 -0.43	54.91 3.69 0.00	49.18 3.01 -6.55	39.41 2.47 0.00	37.65 2.30 -0.95	35.09 2.27 0.00	33.84 2.01 0.00	37.36 2.26 -3.22	35.03 1.83 0.00	37.60 2.16 0.00	42.59 2.79 0.00	48.13 3.77 0.00	57.74 4.28 0.00	51.77 3.66 0.00	46.05 3.44 -3.55	40.33 2.95 0.00	36.48 2.42 0.00
LIPA_MISC_IPP 23656	37.21 2.07 0.00	36.15 1.75 0.00	35.06 1.48 0.00	34.54 1.26 0.00	34.89 1.34 0.00	40.92 2.02 0.00	56.94 2.71 0.00	70.93 3.74 -0.43	53.93 2.71 0.00	48.39 2.22 -6.55	38.64 1.70 0.00	36.93 1.58 -0.95	34.43 1.61 0.00	33.17 1.34 0.00	36.76 1.66 -3.22	34.40 1.20 0.00	36.93 1.49 0.00	41.95 2.15 0.00	47.73 3.37 0.00	57.37 3.90 0.00	51.43 3.32 0.00	45.69 3.09 -3.55	39.96 2.58 0.00	35.97 1.91 0.00
LISF____SOLAR 323691	37.35 2.22 0.00	36.22 1.82 0.00	34.99 1.41 0.00	34.61 1.33 0.00	34.96 1.41 0.00	41.04 2.14 0.00	57.87 3.63 0.00	71.20 4.01 -0.43	54.25 3.02 -0.01	48.56 2.38 -6.56	38.79 1.85 -0.01	37.11 1.75 -0.96	34.57 1.74 -0.01	33.27 1.43 0.00	36.86 1.75 -3.22	34.54 1.33 0.00	37.04 1.60 0.00	42.15 2.35 0.00	48.01 3.64 -0.01	57.74 4.28 0.00	52.06 3.95 0.00	45.78 3.16 -3.56	40.00 2.62 0.00	36.07 2.01 0.00

LITTLE FALLS___HYD 24013	34.40 -0.74 0.00	33.57 -0.83 0.00	32.74 -0.84 0.00	32.48 -0.80 0.00	32.78 -0.77 0.00	38.12 -0.78 0.00	53.36 -0.87 0.00	65.30 -1.47 0.00	50.14 -1.08 0.00	38.83 -0.79 0.00	36.35 -0.59 0.00	33.88 -0.52 0.00	32.33 -0.49 0.00	31.39 -0.45 0.00	31.50 -0.38 0.00	33.01 -0.20 0.00	35.16 -0.28 0.00	39.56 -0.24 0.00	44.18 -0.18 0.00	53.19 -0.27 0.00	47.77 -0.34 0.00	38.63 -0.43 0.00	36.74 -0.64 0.00	33.28 -0.78 0.00
LITTLRIV_115KV_TB1 356100	33.91 -1.23 0.00	39.28 -1.03 -5.92	38.46 -0.94 -5.82	38.24 -0.83 -5.79	37.66 -0.84 -4.94	38.28 -0.62 0.00	53.74 -0.49 0.00	66.41 -0.67 -0.31	50.40 -0.82 0.00	38.71 -0.91 0.00	36.12 -0.81 0.00	33.68 -0.72 0.00	32.17 -0.66 0.00	31.23 -0.60 0.00	31.31 -0.57 0.00	32.61 -0.60 0.00	34.84 -0.60 0.00	39.28 -0.52 0.00	43.83 -0.53 0.00	52.98 -0.48 0.00	47.73 -0.38 0.00	38.67 -0.39 0.00	37.04 -0.34 0.00	33.65 -0.41 0.00
LI_NEWBRDGE___DRP 323616	37.32 2.18 0.00	36.32 1.93 0.00	35.26 1.68 0.00	34.81 1.53 0.00	35.13 1.58 0.00	40.81 1.91 0.00	56.83 2.60 0.00	71.46 4.27 -0.43	54.50 3.28 0.00	48.86 2.69 -6.55	39.15 2.22 0.00	37.41 2.06 -0.95	34.89 2.07 0.00	33.68 1.85 0.00	37.14 2.04 -3.22	34.73 1.53 0.00	37.21 1.77 0.00	42.11 2.31 0.00	47.38 3.02 0.00	56.88 3.42 0.00	51.09 2.98 0.00	45.38 2.77 -3.55	39.77 2.39 0.00	36.04 1.98 0.00
LOCKPORT_115KV_TB60_63_64 80432	33.70 -1.44 0.00	33.09 -1.31 0.00	32.57 -1.01 0.00	32.11 -1.16 0.00	32.51 -1.04 0.00	37.77 -1.13 0.00	52.06 -2.17 0.00	62.56 -4.21 0.00	48.40 -2.82 0.00	37.56 -2.06 0.00	35.24 -1.70 0.00	32.89 -1.51 0.00	30.99 -1.84 0.00	30.43 -1.40 0.00	30.32 -1.56 0.00	31.81 -1.39 0.00	33.67 -1.77 0.00	37.41 -2.39 0.00	41.25 -3.11 0.00	49.67 -3.80 0.00	44.65 -3.46 0.00	35.86 -3.20 0.00	34.76 -2.62 0.00	31.85 -2.21 0.00
LOCKPORT___CC1 323769	33.66 -1.47 0.00	33.09 -1.31 0.00	32.57 -1.01 0.00	32.11 -1.17 0.00	32.48 -1.08 0.00	37.65 -1.25 0.00	51.96 -2.28 0.00	62.89 -3.87 0.00	48.25 -2.97 0.00	37.68 -1.94 0.00	35.28 -1.66 0.00	32.82 -1.58 0.00	30.99 -1.84 0.00	30.34 -1.50 0.00	30.16 -1.72 0.00	31.75 -1.46 0.00	33.74 -1.70 0.00	37.33 -2.47 0.00	41.39 -2.97 0.00	49.51 -3.96 0.00	44.50 -3.61 0.00	35.86 -3.20 0.00	34.73 -2.65 0.00	31.85 -2.21 0.00
LOCKPORT___CC2 323770	33.66 -1.47 0.00	33.09 -1.31 0.00	32.57 -1.01 0.00	32.11 -1.17 0.00	32.48 -1.08 0.00	37.65 -1.25 0.00	51.96 -2.28 0.00	62.89 -3.87 0.00	48.25 -2.97 0.00	37.68 -1.94 0.00	35.28 -1.66 0.00	32.82 -1.58 0.00	30.99 -1.84 0.00	30.34 -1.50 0.00	30.16 -1.72 0.00	31.75 -1.46 0.00	33.74 -1.70 0.00	37.33 -2.47 0.00	41.39 -2.97 0.00	49.51 -3.96 0.00	44.50 -3.61 0.00	35.86 -3.20 0.00	34.73 -2.65 0.00	31.85 -2.21 0.00
LOCKPORT___CC3 323771	33.66 -1.47 0.00	33.09 -1.31 0.00	32.57 -1.01 0.00	32.11 -1.17 0.00	32.48 -1.08 0.00	37.65 -1.25 0.00	51.96 -2.28 0.00	62.89 -3.87 0.00	48.25 -2.97 0.00	37.68 -1.94 0.00	35.28 -1.66 0.00	32.82 -1.58 0.00	30.99 -1.84 0.00	30.34 -1.50 0.00	30.16 -1.72 0.00	31.75 -1.46 0.00	33.74 -1.70 0.00	37.33 -2.47 0.00	41.39 -2.97 0.00	49.51 -3.96 0.00	44.50 -3.61 0.00	35.86 -3.20 0.00	34.73 -2.65 0.00	31.85 -2.21 0.00
LONG_LAKE_PHOENIX 24014	34.61 -0.53 0.00	33.88 -0.52 0.00	33.11 -0.47 0.00	32.81 -0.47 0.00	33.08 -0.47 0.00	38.32 -0.58 0.00	53.36 -0.87 0.00	65.63 -1.13 0.00	50.30 -0.92 0.00	38.91 -0.71 0.00	36.42 -0.52 0.00	33.88 -0.52 0.00	32.27 -0.56 0.00	31.35 -0.48 0.00	31.37 -0.51 0.00	32.81 -0.40 0.00	34.98 -0.46 0.00	39.12 -0.68 0.00	43.47 -0.89 0.00	52.45 -1.02 0.00	47.15 -0.96 0.00	38.20 -0.86 0.00	36.63 -0.75 0.00	33.38 -0.68 0.00
LOVETT___3 23632	36.75 1.62 0.00	35.84 1.44 0.00	34.85 1.28 0.00	34.48 1.20 0.00	34.73 1.17 0.00	40.15 1.24 0.00	56.08 1.84 0.00	69.50 2.74 0.00	53.22 2.00 0.00	41.28 1.66 0.00	38.27 1.33 0.00	35.60 1.20 0.00	34.07 1.25 0.00	32.98 1.15 0.00	33.12 1.24 0.00	34.34 1.13 0.00	36.68 1.24 0.00	41.35 1.55 0.00	46.36 2.00 0.00	55.81 2.35 0.00	50.28 2.16 0.00	40.93 1.87 0.00	38.95 1.57 0.00	35.42 1.36 0.00
LOVETT___4 23642	36.75 1.62 0.00	35.84 1.44 0.00	34.85 1.28 0.00	34.48 1.20 0.00	34.73 1.17 0.00	40.15 1.24 0.00	56.08 1.84 0.00	69.50 2.74 0.00	53.22 2.00 0.00	41.28 1.66 0.00	38.27 1.33 0.00	35.60 1.20 0.00	34.07 1.25 0.00	32.98 1.15 0.00	33.12 1.24 0.00	34.34 1.13 0.00	36.68 1.24 0.00	41.35 1.55 0.00	46.36 2.00 0.00	55.81 2.35 0.00	50.28 2.16 0.00	40.93 1.87 0.00	38.95 1.57 0.00	35.42 1.36 0.00
LOVETT___5 23593	36.75 1.62 0.00	35.84 1.44 0.00	34.85 1.28 0.00	34.48 1.20 0.00	34.73 1.17 0.00	40.15 1.24 0.00	56.08 1.84 0.00	69.50 2.74 0.00	53.22 2.00 0.00	41.28 1.66 0.00	38.27 1.33 0.00	35.60 1.20 0.00	34.07 1.25 0.00	32.98 1.15 0.00	33.12 1.24 0.00	34.34 1.13 0.00	36.68 1.24 0.00	41.35 1.55 0.00	46.36 2.00 0.00	55.81 2.35 0.00	50.28 2.16 0.00	40.93 1.87 0.00	38.95 1.57 0.00	35.42 1.36 0.00
LOWER RAQUET___HYD 24057	33.27 -1.86 0.00	39.14 -1.68 -6.42	38.32 -1.58 -6.32	38.10 -1.46 -6.29	37.48 -1.44 -5.37	37.50 -1.40 0.00	52.66 -1.57 0.00	65.17 -1.94 -0.34	49.63 -1.59 0.00	38.20 -1.42 0.00	35.72 -1.22 0.00	33.30 -1.10 0.00	31.84 -0.98 0.00	30.88 -0.95 0.00	30.96 -0.93 0.00	32.24 -0.96 0.00	34.38 -1.06 0.00	38.73 -1.07 0.00	43.12 -1.24 0.00	52.07 -1.39 0.00	46.91 -1.20 0.00	38.01 -1.05 0.00	36.41 -0.97 0.00	33.11 -0.95 0.00
LOWER___HUDSON 24059	36.76 1.62 0.00	35.91 1.51 0.00	34.99 1.41 0.00	34.64 1.36 0.00	34.90 1.34 0.00	40.46 1.56 0.00	56.51 2.28 0.00	69.57 2.80 0.00	53.06 1.84 0.00	40.85 1.23 0.00	37.93 1.00 0.00	35.29 0.89 0.00	33.71 0.89 0.00	32.53 0.70 0.00	32.61 0.73 0.00	33.94 0.73 0.00	36.40 0.96 0.00	40.91 1.11 0.00	45.95 1.59 0.00	55.44 1.98 0.00	49.94 1.83 0.00	40.54 1.48 0.00	38.72 1.34 0.00	35.25 1.19 0.00
LOWVILLE_115KV_TB2 356335	34.68 -0.46 0.00	35.85 -0.41 -1.86	35.04 -0.37 -1.83	34.77 -0.33 -1.82	34.91 -0.20 -1.56	39.06 0.16 0.00	55.42 1.19 0.00	68.40 1.54 -0.10	51.78 0.56 0.00	39.50 -0.12 0.00	36.72 -0.22 0.00	34.12 -0.28 0.00	32.50 -0.33 0.00	31.55 -0.29 0.00	31.63 -0.26 0.00	33.14 -0.07 0.00	35.41 -0.04 0.00	40.04 0.24 0.00	44.80 0.44 0.00	54.21 0.75 0.00	48.74 0.63 0.00	39.45 0.39 0.00	37.75 0.37 0.00	33.92 -0.14 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	37.28 2.14 0.00	36.46 2.06 0.00	35.53 1.95 0.00	35.14 1.86 0.00	35.40 1.85 0.00	41.12 2.22 0.00	57.38 3.15 0.00	70.64 3.87 0.00	53.73 2.51 0.00	41.25 1.62 0.00	38.19 1.26 0.00	35.50 1.10 0.00	33.88 1.05 0.00	32.72 0.89 0.00	32.90 1.02 0.00	34.34 1.13 0.00	36.86 1.42 0.00	41.47 1.67 0.00	46.58 2.22 0.00	56.19 2.73 0.00	50.56 2.45 0.00	41.09 2.03 0.00	39.29 1.91 0.00	35.69 1.63 0.00

LUTHERNY_35_KV_BK2 355980	37.28 2.14 0.00	36.46 2.06 0.00	35.53 1.95 0.00	35.18 1.90 0.00	35.43 1.88 0.00	41.16 2.26 0.00	57.43 3.20 0.00	70.70 3.94 0.00	53.73 2.51 0.00	41.25 1.62 0.00	38.19 1.26 0.00	35.53 1.14 0.00	33.91 1.08 0.00	32.76 0.92 0.00	32.90 1.02 0.00	34.34 1.13 0.00	36.86 1.42 0.00	41.51 1.71 0.00	46.58 2.22 0.00	56.24 2.78 0.00	50.61 2.50 0.00	41.13 2.07 0.00	39.32 1.94 0.00	35.73 1.67 0.00
LWR___OSWEGATCHIE_HYD 23850	33.63 -1.51 0.00	37.39 -1.38 -4.37	36.60 -1.28 -4.30	36.36 -1.20 -4.28	36.03 -1.17 -3.65	37.89 -1.01 0.00	53.47 -0.76 0.00	66.06 -0.93 -0.23	50.09 -1.13 0.00	38.39 -1.23 0.00	35.75 -1.18 0.00	33.26 -1.14 0.00	31.74 -1.08 0.00	30.81 -1.02 0.00	30.89 -0.99 0.00	32.28 -0.93 0.00	34.49 -0.96 0.00	38.88 -0.92 0.00	43.47 -0.89 0.00	52.55 -0.91 0.00	47.29 -0.82 0.00	38.28 -0.78 0.00	36.67 -0.71 0.00	33.14 -0.92 0.00
LYONS_FALL_HYD 23570	35.14 0.00 0.00	35.69 0.03 -1.25	34.88 0.07 -1.23	34.57 0.07 -1.23	34.77 0.17 -1.05	39.37 0.47 0.00	55.59 1.36 0.00	68.56 1.73 -0.07	52.09 0.87 0.00	39.82 0.20 0.00	37.01 0.07 0.00	34.40 0.00 0.00	32.79 -0.03 0.00	31.80 -0.03 0.00	31.88 0.00 0.00	33.41 0.20 0.00	35.66 0.21 0.00	40.28 0.48 0.00	45.03 0.67 0.00	54.43 0.96 0.00	48.93 0.82 0.00	39.61 0.55 0.00	37.90 0.52 0.00	34.20 0.14 0.00
MADISON___COUNTY_LFGE 323628	35.98 0.84 0.00	35.26 0.86 0.00	34.45 0.87 0.00	34.14 0.87 0.00	34.46 0.91 0.00	40.07 1.17 0.00	56.13 1.90 0.00	69.10 2.34 0.00	52.65 1.43 0.00	40.41 0.79 0.00	37.60 0.66 0.00	34.92 0.52 0.00	33.29 0.46 0.00	32.31 0.48 0.00	32.39 0.51 0.00	33.90 0.70 0.00	36.19 0.74 0.00	40.76 0.96 0.00	45.51 1.15 0.00	54.96 1.50 0.00	49.36 1.25 0.00	39.96 0.90 0.00	38.28 0.90 0.00	34.71 0.65 0.00
MALONE___115KV_TB1 356076	33.45 -1.69 0.00	60.49 -1.48 -27.57	59.35 -1.34 -27.11	59.07 -1.20 -26.99	55.38 -1.21 -23.04	37.89 -1.01 0.00	53.09 -1.14 0.00	66.82 -1.40 -1.46	50.55 -0.67 0.00	39.15 -0.48 0.00	36.79 -0.15 0.00	34.40 0.00 0.00	32.92 0.10 0.00	31.93 0.10 0.00	31.98 0.10 0.00	33.31 0.10 0.00	35.58 0.14 0.00	40.12 0.32 0.00	44.71 0.35 0.00	54.00 0.53 0.00	48.69 0.58 0.00	39.41 0.35 0.00	37.72 0.34 0.00	34.40 0.34 0.00
MAPLEWOD_115KV_TB3 80458	36.75 1.62 0.00	35.91 1.51 0.00	34.99 1.41 0.00	34.64 1.36 0.00	34.89 1.34 0.00	40.46 1.56 0.00	56.35 2.12 0.00	69.37 2.60 0.00	52.96 1.74 0.00	40.85 1.23 0.00	37.90 0.96 0.00	35.29 0.89 0.00	33.71 0.89 0.00	32.50 0.67 0.00	32.52 0.64 0.00	33.74 0.53 0.00	36.12 0.67 0.00	40.52 0.72 0.00	45.42 1.06 0.00	54.80 1.34 0.00	49.31 1.20 0.00	40.15 1.09 0.00	38.39 1.01 0.00	35.05 0.99 0.00
MAPLE_RIDGE_WT_1 323574	34.12 -1.02 0.00	33.50 -0.89 0.00	32.84 -0.74 0.00	32.68 -0.60 0.00	33.05 -0.50 0.00	38.51 -0.39 0.00	53.91 -0.32 0.00	66.43 -0.33 0.00	51.06 -0.15 0.00	39.50 -0.12 0.00	36.83 -0.11 0.00	34.30 -0.10 0.00	32.76 -0.07 0.00	31.77 -0.06 0.00	31.82 -0.06 0.00	33.14 -0.07 0.00	35.34 -0.11 0.00	39.76 -0.04 0.00	44.27 -0.09 0.00	53.30 -0.16 0.00	47.87 -0.24 0.00	38.79 -0.27 0.00	37.08 -0.30 0.00	33.72 -0.34 0.00
MAPLE_RIDGE_WT_2 323611	34.12 -1.02 0.00	33.50 -0.89 0.00	32.84 -0.74 0.00	32.68 -0.60 0.00	33.05 -0.50 0.00	38.51 -0.39 0.00	53.91 -0.32 0.00	66.43 -0.33 0.00	51.06 -0.15 0.00	39.50 -0.12 0.00	36.83 -0.11 0.00	34.30 -0.10 0.00	32.76 -0.07 0.00	31.77 -0.06 0.00	31.82 -0.06 0.00	33.14 -0.07 0.00	35.34 -0.11 0.00	39.76 -0.04 0.00	44.27 -0.09 0.00	53.30 -0.16 0.00	47.87 -0.24 0.00	38.79 -0.27 0.00	37.08 -0.30 0.00	33.72 -0.34 0.00
MARBLE_RIVER_WT_PWR 323696	33.27 -1.86 0.00	-6.47 -1.72 39.15	-6.54 -1.61 38.50	-6.59 -1.53 38.33	-0.67 -1.51 32.72	37.42 -1.48 0.00	52.28 -1.95 0.00	62.16 -2.54 2.07	49.99 -1.23 0.00	38.87 -0.75 0.00	36.57 -0.37 0.00	34.23 -0.17 0.00	32.76 -0.07 0.00	31.80 -0.03 0.00	31.82 -0.06 0.00	33.17 -0.03 0.00	35.41 -0.04 0.00	39.96 0.16 0.00	44.49 0.13 0.00	53.73 0.27 0.00	48.45 0.34 0.00	39.22 0.16 0.00	37.53 0.15 0.00	34.33 0.27 0.00
MARSHVLE_115KV_TB1 80742	38.12 2.99 0.00	37.36 2.96 0.00	36.40 2.82 0.00	36.04 2.76 0.00	36.34 2.78 0.00	42.40 3.50 0.00	59.00 4.77 0.00	72.44 5.67 0.00	54.60 3.38 0.00	41.36 1.74 0.00	38.23 1.29 0.00	35.67 1.27 0.00	34.21 1.38 0.00	33.11 1.27 0.00	33.19 1.31 0.00	34.90 1.69 0.00	37.46 2.02 0.00	42.59 2.79 0.00	47.82 3.46 0.00	57.85 4.38 0.00	52.01 3.90 0.00	42.38 3.32 0.00	40.44 3.07 0.00	36.61 2.55 0.00
MARSH_HILL_WT_PWR 323713	34.05 -1.09 0.00	33.37 -1.03 0.00	32.81 -0.77 0.00	32.68 -0.60 0.00	33.15 -0.40 0.00	38.75 -0.15 0.00	54.23 0.00 0.00	66.30 -0.46 0.00	50.66 -0.56 0.00	39.30 -0.32 0.00	36.57 -0.37 0.00	34.06 -0.34 0.00	32.27 -0.56 0.00	31.45 -0.38 0.00	31.31 -0.57 0.00	32.94 -0.27 0.00	35.16 -0.28 0.00	39.36 -0.44 0.00	43.61 -0.75 0.00	52.23 -1.23 0.00	46.71 -1.40 0.00	37.34 -1.72 0.00	35.74 -1.64 0.00	32.29 -1.77 0.00
MCINTYRE_115KV_TB2 80467	34.37 -0.77 0.00	38.95 -0.55 -5.11	38.13 -0.47 -5.02	37.91 -0.37 -5.00	37.48 -0.34 -4.27	38.82 -0.08 0.00	54.45 0.22 0.00	67.17 0.13 -0.27	50.91 -0.31 0.00	39.07 -0.55 0.00	36.46 -0.48 0.00	33.95 -0.45 0.00	32.47 -0.36 0.00	31.48 -0.35 0.00	31.59 -0.29 0.00	32.91 -0.30 0.00	35.16 -0.28 0.00	39.72 -0.08 0.00	44.36 0.00 0.00	53.62 0.16 0.00	48.30 0.19 0.00	39.14 0.08 0.00	37.53 0.15 0.00	34.09 0.03 0.00
MECO_____69_KV_BK1 80468	38.48 3.34 0.00	37.70 3.30 0.00	36.70 3.12 0.00	36.34 3.06 0.00	36.64 3.09 0.00	42.79 3.89 0.00	59.65 5.42 0.00	73.31 6.54 0.00	55.21 3.99 0.00	41.88 2.26 0.00	38.67 1.74 0.00	36.02 1.62 0.00	34.47 1.64 0.00	33.30 1.46 0.00	33.51 1.63 0.00	35.23 2.03 0.00	37.89 2.45 0.00	42.94 3.14 0.00	48.26 3.90 0.00	58.38 4.92 0.00	52.49 4.38 0.00	42.65 3.59 0.00	40.71 3.33 0.00	36.85 2.79 0.00
MENANDS___115KV_TB5 355628	36.68 1.55 0.00	35.81 1.41 0.00	34.89 1.31 0.00	34.54 1.26 0.00	34.83 1.27 0.00	40.34 1.44 0.00	56.18 1.95 0.00	69.10 2.34 0.00	52.81 1.59 0.00	40.77 1.15 0.00	37.82 0.89 0.00	35.22 0.83 0.00	33.65 0.82 0.00	32.44 0.60 0.00	32.39 0.51 0.00	33.61 0.40 0.00	35.94 0.50 0.00	40.28 0.48 0.00	45.20 0.84 0.00	54.48 1.02 0.00	49.02 0.91 0.00	39.96 0.90 0.00	38.20 0.82 0.00	34.91 0.85 0.00
MG INDUSTRY___DRP 24185	36.58 1.44 0.00	35.77 1.38 0.00	34.85 1.28 0.00	34.51 1.23 0.00	34.79 1.24 0.00	40.30 1.40 0.00	56.08 1.84 0.00	68.90 2.14 0.00	52.55 1.33 0.00	40.49 0.87 0.00	37.53 0.59 0.00	34.95 0.55 0.00	33.38 0.56 0.00	32.21 0.38 0.00	32.26 0.38 0.00	33.54 0.33 0.00	35.90 0.46 0.00	40.36 0.56 0.00	45.25 0.89 0.00	54.59 1.12 0.00	49.12 1.01 0.00	40.00 0.94 0.00	38.28 0.90 0.00	34.95 0.89 0.00

MID___OSWEGATCHIE_HYD 23849	33.63 -1.51 0.00	37.39 -1.38 -4.37	36.60 -1.28 -4.30	36.36 -1.20 -4.28	36.03 -1.17 -3.65	37.89 -1.01 0.00	53.47 -0.76 0.00	66.06 -0.93 -0.23	50.09 -1.13 0.00	38.39 -1.23 0.00	35.75 -1.18 0.00	33.26 -1.14 0.00	31.74 -1.08 0.00	30.81 -1.02 0.00	30.89 -0.99 0.00	32.28 -0.93 0.00	34.49 -0.96 0.00	38.88 -0.92 0.00	43.47 -0.89 0.00	52.55 -0.91 0.00	47.29 -0.82 0.00	38.28 -0.78 0.00	36.67 -0.71 0.00	33.14 -0.92 0.00
MID___RAQUETTE_HYD 23851	33.28 -1.86 0.00	39.14 -1.69 -6.42	38.32 -1.58 -6.32	38.10 -1.46 -6.29	37.48 -1.44 -5.37	37.54 -1.36 0.00	52.66 -1.57 0.00	65.17 -1.94 -0.34	49.63 -1.59 0.00	38.19 -1.43 0.00	35.72 -1.22 0.00	33.26 -1.14 0.00	31.81 -1.02 0.00	30.88 -0.95 0.00	30.92 -0.96 0.00	32.21 -1.00 0.00	34.38 -1.06 0.00	38.69 -1.11 0.00	43.12 -1.24 0.00	52.02 -1.44 0.00	46.91 -1.20 0.00	38.01 -1.05 0.00	36.41 -0.97 0.00	33.11 -0.95 0.00
MILLIKEN___1 23584	35.77 0.63 0.00	35.05 0.65 0.00	34.25 0.67 0.00	33.94 0.67 0.00	34.26 0.70 0.00	39.80 0.89 0.00	55.53 1.30 0.00	68.30 1.54 0.00	52.09 0.87 0.00	40.18 0.55 0.00	37.42 0.48 0.00	34.78 0.38 0.00	33.09 0.26 0.00	32.15 0.32 0.00	32.20 0.32 0.00	33.74 0.53 0.00	36.05 0.60 0.00	40.48 0.68 0.00	45.02 0.67 0.00	54.32 0.86 0.00	48.83 0.72 0.00	39.45 0.39 0.00	37.79 0.41 0.00	34.37 0.31 0.00
MILLIKEN___2 23585	35.77 0.63 0.00	35.05 0.65 0.00	34.25 0.67 0.00	33.94 0.67 0.00	34.26 0.70 0.00	39.80 0.89 0.00	55.53 1.30 0.00	68.30 1.54 0.00	52.09 0.87 0.00	40.18 0.55 0.00	37.42 0.48 0.00	34.78 0.38 0.00	33.09 0.26 0.00	32.15 0.32 0.00	32.20 0.32 0.00	33.74 0.53 0.00	36.05 0.60 0.00	40.48 0.68 0.00	45.02 0.67 0.00	54.32 0.86 0.00	48.83 0.72 0.00	39.45 0.39 0.00	37.79 0.41 0.00	34.37 0.31 0.00
MILLIKEN___DIESEL 23629	35.77 0.63 0.00	35.05 0.65 0.00	34.25 0.67 0.00	33.94 0.67 0.00	34.26 0.70 0.00	39.80 0.89 0.00	55.53 1.30 0.00	68.30 1.54 0.00	52.09 0.87 0.00	40.18 0.55 0.00	37.42 0.48 0.00	34.78 0.38 0.00	33.09 0.26 0.00	32.15 0.32 0.00	32.20 0.32 0.00	33.74 0.53 0.00	36.05 0.60 0.00	40.48 0.68 0.00	45.02 0.67 0.00	54.32 0.86 0.00	48.83 0.72 0.00	39.45 0.39 0.00	37.79 0.41 0.00	34.37 0.31 0.00
MILLSEAT___LFGE 323607	34.36 -0.77 0.00	33.78 -0.62 0.00	33.24 -0.34 0.00	32.81 -0.47 0.00	33.18 -0.37 0.00	38.55 -0.35 0.00	53.31 -0.92 0.00	64.76 -2.00 0.00	49.63 -1.59 0.00	38.63 -0.99 0.00	36.16 -0.78 0.00	33.57 -0.83 0.00	31.68 -1.15 0.00	31.04 -0.79 0.00	30.86 -1.02 0.00	32.51 -0.70 0.00	34.59 -0.85 0.00	38.45 -1.35 0.00	42.58 -1.78 0.00	51.06 -2.40 0.00	45.99 -2.12 0.00	37.03 -2.03 0.00	35.81 -1.57 0.00	32.70 -1.36 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	36.93 1.79 0.00	35.98 1.58 0.00	34.96 1.38 0.00	34.61 1.33 0.00	34.86 1.31 0.00	40.30 1.40 0.00	56.29 2.06 0.00	69.77 3.00 0.00	53.47 2.25 0.00	41.48 1.86 0.00	38.41 1.48 0.00	35.74 1.34 0.00	34.24 1.41 0.00	33.14 1.31 0.00	33.25 1.37 0.00	34.50 1.30 0.00	36.86 1.42 0.00	41.51 1.71 0.00	46.53 2.17 0.00	56.08 2.62 0.00	50.47 2.36 0.00	41.09 2.03 0.00	39.10 1.72 0.00	35.59 1.53 0.00
MILLWOOD_13_KV_LOAD 356217	37.00 1.86 0.00	36.08 1.69 0.00	35.06 1.48 0.00	34.68 1.40 0.00	34.96 1.41 0.00	40.38 1.48 0.00	56.40 2.17 0.00	69.97 3.20 0.00	53.57 2.36 0.00	41.56 1.94 0.00	38.49 1.55 0.00	35.81 1.41 0.00	34.30 1.48 0.00	33.20 1.37 0.00	33.35 1.47 0.00	34.57 1.36 0.00	36.93 1.49 0.00	41.63 1.83 0.00	46.62 2.26 0.00	56.19 2.73 0.00	50.56 2.45 0.00	41.17 2.11 0.00	39.17 1.79 0.00	35.66 1.60 0.00
MODEL_CITY_ENERGY 24167	33.38 -1.76 0.00	32.78 -1.62 0.00	32.27 -1.31 0.00	31.82 -1.46 0.00	32.14 -1.41 0.00	37.30 -1.60 0.00	51.41 -2.82 0.00	62.16 -4.61 0.00	47.68 -3.53 0.00	37.28 -2.34 0.00	34.94 -2.00 0.00	32.47 -1.93 0.00	30.66 -2.17 0.00	30.02 -1.81 0.00	29.87 -2.01 0.00	31.41 -1.79 0.00	33.39 -2.06 0.00	36.93 -2.87 0.00	40.94 -3.41 0.00	48.97 -4.49 0.00	44.07 -4.04 0.00	35.51 -3.55 0.00	34.43 -2.95 0.00	31.57 -2.48 0.00
MODERN_LFGE___ 323580	33.38 -1.76 0.00	32.78 -1.62 0.00	32.27 -1.31 0.00	31.82 -1.46 0.00	32.14 -1.41 0.00	37.30 -1.60 0.00	51.41 -2.82 0.00	62.16 -4.61 0.00	47.68 -3.53 0.00	37.28 -2.34 0.00	34.94 -2.00 0.00	32.47 -1.93 0.00	30.66 -2.17 0.00	30.02 -1.81 0.00	29.87 -2.01 0.00	31.41 -1.79 0.00	33.39 -2.06 0.00	36.93 -2.87 0.00	40.94 -3.41 0.00	48.97 -4.49 0.00	44.07 -4.04 0.00	35.51 -3.55 0.00	34.43 -2.95 0.00	31.57 -2.48 0.00
MOHAWK_PAPER___DRP 24187	36.75 1.62 0.00	35.91 1.51 0.00	34.99 1.41 0.00	34.64 1.36 0.00	34.89 1.34 0.00	40.46 1.56 0.00	56.35 2.12 0.00	69.37 2.60 0.00	52.96 1.74 0.00	40.85 1.23 0.00	37.90 0.96 0.00	35.29 0.89 0.00	33.71 0.89 0.00	32.50 0.67 0.00	32.52 0.64 0.00	33.74 0.53 0.00	36.12 0.67 0.00	40.52 0.72 0.00	45.42 1.06 0.00	54.80 1.34 0.00	49.31 1.20 0.00	40.15 1.09 0.00	38.39 1.01 0.00	35.05 0.99 0.00
MOHICAN___35_KV_115KV_LD 80490	37.63 2.49 0.00	36.84 2.44 0.00	35.86 2.28 0.00	35.48 2.20 0.00	35.77 2.21 0.00	41.62 2.72 0.00	58.19 3.96 0.00	71.70 4.94 0.00	54.29 3.07 0.00	41.56 1.94 0.00	38.45 1.51 0.00	35.71 1.31 0.00	34.04 1.21 0.00	32.82 0.99 0.00	33.03 1.15 0.00	34.54 1.33 0.00	37.11 1.67 0.00	41.87 2.07 0.00	47.07 2.71 0.00	56.83 3.37 0.00	51.09 2.98 0.00	41.52 2.46 0.00	39.73 2.35 0.00	36.04 1.98 0.00
MONGAUP___HYD 23641	36.72 1.58 0.00	35.88 1.48 0.00	34.85 1.28 0.00	34.51 1.23 0.00	34.76 1.21 0.00	40.26 1.36 0.00	56.02 1.79 0.00	68.50 1.73 0.00	52.81 1.59 0.00	41.09 1.47 0.00	38.01 1.07 0.00	35.33 0.93 0.00	33.74 0.92 0.00	32.66 0.83 0.00	32.84 0.96 0.00	34.14 0.93 0.00	36.54 1.10 0.00	41.23 1.43 0.00	46.27 1.91 0.00	55.44 1.98 0.00	50.28 2.17 0.00	40.70 1.64 0.00	38.88 1.50 0.00	35.42 1.36 0.00
MONTAUK___DIESEL 23721	38.16 3.02 0.00	37.12 2.72 0.00	36.00 2.42 0.00	35.41 2.13 0.00	35.80 2.25 0.00	42.09 3.19 0.00	58.79 4.56 0.00	73.07 5.88 -0.43	55.42 4.20 0.00	49.38 3.21 -6.55	39.52 2.59 0.00	37.72 2.37 -0.95	35.09 2.27 0.00	33.77 1.94 0.00	37.43 2.33 -3.22	35.13 1.93 0.00	37.78 2.34 0.00	43.02 3.22 0.00	49.19 4.84 0.00	59.24 5.77 0.00	52.97 4.86 0.00	46.94 4.34 -3.55	41.08 3.70 0.00	36.92 2.86 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	34.61 -0.53 0.00	34.40 0.00 0.00	34.05 0.47 0.00	33.78 0.50 0.00	34.26 0.70 0.00	39.83 0.93 0.00	55.37 1.14 0.00	66.90 0.13 0.00	51.37 0.15 0.00	39.70 0.08 0.00	37.01 0.07 0.00	34.54 0.14 0.00	32.43 -0.39 0.00	31.80 -0.03 0.00	31.53 -0.35 0.00	32.94 -0.27 0.00	34.73 -0.71 0.00	38.69 -1.11 0.00	42.32 -2.04 0.00	50.79 -2.67 0.00	45.27 -2.84 0.00	36.21 -2.85 0.00	34.91 -2.47 0.00	31.88 -2.18 0.00

MORRIS_RIDGE___SOLAR 323848	33.91 -1.23 0.00	33.40 -1.00 0.00	32.87 -0.71 0.00	32.65 -0.63 0.00	33.01 -0.54 0.00	38.47 -0.43 0.00	53.52 -0.71 0.00	65.23 -1.53 0.00	49.53 -1.69 0.00	38.39 -1.23 0.00	35.79 -1.15 0.00	33.40 -1.00 0.00	31.65 -1.18 0.00	30.85 -0.99 0.00	30.73 -1.15 0.00	32.31 -0.90 0.00	34.45 -0.99 0.00	38.45 -1.35 0.00	42.63 -1.73 0.00	51.06 -2.40 0.00	45.71 -2.40 0.00	36.68 -2.38 0.00	35.17 -2.21 0.00	32.02 -2.04 0.00
MORTIMER_115KV_TB3 55949	34.51 -0.63 0.00	33.85 -0.55 0.00	33.21 -0.37 0.00	32.81 -0.47 0.00	33.15 -0.40 0.00	38.51 -0.39 0.00	53.36 -0.87 0.00	64.96 -1.80 0.00	50.04 -1.18 0.00	38.79 -0.83 0.00	36.35 -0.59 0.00	33.88 -0.52 0.00	32.04 -0.79 0.00	31.35 -0.48 0.00	31.28 -0.61 0.00	32.78 -0.43 0.00	34.80 -0.64 0.00	38.84 -0.96 0.00	43.03 -1.33 0.00	51.86 -1.60 0.00	46.72 -1.40 0.00	37.65 -1.41 0.00	36.26 -1.12 0.00	33.07 -0.99 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	37.21 2.07 0.00	36.26 1.86 0.00	35.22 1.65 0.00	34.84 1.56 0.00	35.13 1.58 0.00	40.61 1.71 0.00	56.67 2.44 0.00	70.30 3.54 0.00	53.98 2.77 0.00	41.88 2.26 0.00	38.78 1.85 0.00	36.12 1.72 0.00	34.60 1.77 0.00	33.49 1.66 0.00	33.63 1.75 0.00	34.87 1.66 0.00	37.21 1.77 0.00	41.95 2.15 0.00	47.02 2.66 0.00	56.56 3.10 0.00	50.95 2.84 0.00	41.48 2.42 0.00	39.44 2.06 0.00	35.93 1.87 0.00
MUNSVILLE_WIND_PWR 323609	37.28 2.14 0.00	36.60 2.20 0.00	35.73 2.15 0.00	35.54 2.26 0.00	35.94 2.38 0.00	42.01 3.11 0.00	59.44 5.21 0.00	73.50 6.74 0.00	55.47 4.25 0.00	42.04 2.42 0.00	38.86 1.92 0.00	36.05 1.65 0.00	34.30 1.48 0.00	33.33 1.50 0.00	33.51 1.63 0.00	35.47 2.26 0.00	37.89 2.44 0.00	42.91 3.11 0.00	47.91 3.55 0.00	57.79 4.33 0.00	51.58 3.47 0.00	41.52 2.46 0.00	39.77 2.39 0.00	35.97 1.91 0.00
N SALMON___HYD 24042	33.45 -1.69 0.00	60.49 -1.48 -27.57	59.35 -1.34 -27.11	59.07 -1.20 -26.99	55.38 -1.21 -23.04	37.89 -1.01 0.00	53.09 -1.14 0.00	66.82 -1.41 -1.46	50.55 -0.67 0.00	39.15 -0.47 0.00	36.79 -0.15 0.00	34.40 0.00 0.00	32.93 0.10 0.00	31.96 0.13 0.00	31.98 0.10 0.00	33.34 0.13 0.00	35.59 0.14 0.00	40.16 0.36 0.00	44.71 0.35 0.00	54.00 0.53 0.00	48.69 0.58 0.00	39.41 0.35 0.00	37.72 0.34 0.00	34.40 0.34 0.00
N.AKRON__115KV_KNAPP 355671	34.29 -0.84 0.00	33.71 -0.69 0.00	33.18 -0.40 0.00	32.75 -0.53 0.00	33.15 -0.40 0.00	38.55 -0.35 0.00	53.26 -0.98 0.00	64.23 -2.54 0.00	49.63 -1.59 0.00	38.43 -1.19 0.00	36.01 -0.92 0.00	33.57 -0.83 0.00	31.61 -1.21 0.00	31.07 -0.76 0.00	30.92 -0.96 0.00	32.51 -0.70 0.00	34.41 -1.03 0.00	38.37 -1.43 0.00	42.27 -2.08 0.00	51.00 -2.46 0.00	45.90 -2.21 0.00	36.87 -2.19 0.00	35.66 -1.72 0.00	32.56 -1.50 0.00
N.BELMOR_69_KV_BK1 55787	37.67 2.53 0.00	36.63 2.24 0.00	35.56 1.98 0.00	35.08 1.80 0.00	35.40 1.85 0.00	41.16 2.26 0.00	57.32 3.09 0.00	72.00 4.81 -0.43	54.80 3.59 0.00	49.06 2.89 -6.55	39.37 2.44 0.00	37.62 2.27 -0.95	35.06 2.23 0.00	33.84 2.01 0.00	37.33 2.23 -3.22	35.00 1.79 0.00	37.50 2.06 0.00	42.43 2.63 0.00	47.82 3.46 0.00	57.37 3.90 0.00	51.53 3.42 0.00	45.77 3.16 -3.55	40.11 2.73 0.00	36.34 2.28 0.00
N.E_GEN_SANDY PD 24062	36.72 1.58 0.00	35.81 1.41 0.00	34.85 1.28 0.00	34.51 1.23 0.00	34.79 1.24 0.00	40.22 1.32 0.00	56.29 2.06 0.00	69.24 2.47 0.00	52.96 1.74 0.00	40.89 1.27 0.00	37.86 0.92 0.00	35.29 0.89 0.00	33.71 0.89 0.00	32.63 0.80 0.00	32.93 0.83 -0.22	33.75 0.76 0.22	36.40 0.96 0.00	39.69 1.19 1.30	47.39 1.73 -1.30	55.60 2.14 0.00	50.08 1.97 0.00	40.70 1.64 0.00	38.76 1.38 0.00	35.25 1.19 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	36.79 1.65 0.00	35.84 1.44 0.00	34.85 1.28 0.00	34.51 1.23 0.00	34.73 1.17 0.00	40.18 1.28 0.00	56.13 1.90 0.00	69.57 2.80 0.00	53.27 2.05 0.00	41.32 1.70 0.00	38.27 1.33 0.00	35.60 1.20 0.00	34.07 1.25 0.00	32.98 1.15 0.00	33.12 1.24 0.00	34.37 1.16 0.00	36.72 1.28 0.00	41.35 1.55 0.00	46.36 2.00 0.00	55.87 2.41 0.00	50.28 2.16 0.00	40.93 1.87 0.00	38.95 1.57 0.00	35.46 1.40 0.00
N.QUEENS_27_KV_LOAD 356247	37.22 2.07 -0.01	36.26 1.86 -0.01	35.27 1.68 -0.01	34.88 1.60 -0.01	35.17 1.61 -0.01	40.66 1.75 -0.01	56.67 2.44 0.00	70.30 3.54 0.00	54.18 2.97 0.01	42.07 2.46 0.01	38.96 2.03 0.01	36.28 1.89 0.01	34.82 2.00 0.01	33.70 1.88 0.01	33.82 1.94 0.01	35.06 1.86 0.01	37.38 1.95 0.01	42.18 2.39 0.01	47.23 2.88 0.01	56.77 3.31 0.01	51.18 3.08 0.01	41.63 2.58 0.01	39.54 2.17 0.01	36.01 1.94 -0.01
N.TROY___115KV_TB1 355778	36.79 1.65 0.00	35.91 1.51 0.00	34.99 1.41 0.00	34.64 1.36 0.00	34.89 1.34 0.00	40.46 1.56 0.00	56.40 2.17 0.00	69.37 2.60 0.00	52.91 1.69 0.00	40.81 1.19 0.00	37.82 0.89 0.00	35.22 0.83 0.00	33.61 0.79 0.00	32.47 0.64 0.00	32.55 0.67 0.00	33.87 0.66 0.00	36.29 0.85 0.00	40.83 1.03 0.00	45.87 1.51 0.00	55.33 1.87 0.00	49.84 1.73 0.00	40.54 1.48 0.00	38.73 1.35 0.00	35.25 1.19 0.00
NARROWS_GT1_1 24228	53.50 2.60 -15.76	52.81 2.34 -16.07	52.21 2.12 -16.52	52.21 2.06 -16.87	52.84 2.05 -17.24	52.87 2.26 -11.72	57.59 3.36 0.00	71.17 4.41 0.00	60.06 3.58 -5.25	68.40 2.81 -25.96	69.59 2.33 -30.32	61.90 2.27 -25.23	63.21 2.23 -28.15	75.98 2.10 -42.05	67.12 2.20 -33.04	75.38 2.13 -40.05	73.43 2.23 -35.75	70.52 2.71 -28.02	64.14 3.28 -16.50	68.31 4.06 -10.78	59.08 3.51 -7.46	59.53 2.85 -17.62	54.84 2.50 -14.96	53.49 2.32 -17.11
NARROWS_GT1_2 24229	53.50 2.60 -15.76	52.81 2.34 -16.07	52.21 2.12 -16.52	52.21 2.06 -16.87	52.84 2.05 -17.24	52.87 2.26 -11.72	57.59 3.36 0.00	71.17 4.41 0.00	60.06 3.58 -5.25	68.40 2.81 -25.96	69.59 2.33 -30.32	61.90 2.27 -25.23	63.21 2.23 -28.15	75.98 2.10 -42.05	67.12 2.20 -33.04	75.38 2.13 -40.05	73.43 2.23 -35.75	70.52 2.71 -28.02	64.14 3.28 -16.50	68.31 4.06 -10.78	59.08 3.51 -7.46	59.53 2.85 -17.62	54.84 2.50 -14.96	53.49 2.32 -17.11
NARROWS_GT1_3 24230	53.50 2.60 -15.76	52.81 2.34 -16.07	52.21 2.12 -16.52	52.21 2.06 -16.87	52.84 2.05 -17.24	52.87 2.26 -11.72	57.59 3.36 0.00	71.17 4.41 0.00	60.06 3.58 -5.25	68.40 2.81 -25.96	69.59 2.33 -30.32	61.90 2.27 -25.23	63.21 2.23 -28.15	75.98 2.10 -42.05	67.12 2.20 -33.04	75.38 2.13 -40.05	73.43 2.23 -35.75	70.52 2.71 -28.02	64.14 3.28 -16.50	68.31 4.06 -10.78	59.08 3.51 -7.46	59.53 2.85 -17.62	54.84 2.50 -14.96	53.49 2.32 -17.11
NARROWS_GT1_4 24231	53.50 2.60 -15.76	52.81 2.34 -16.07	52.21 2.12 -16.52	52.21 2.06 -16.87	52.84 2.05 -17.24	52.87 2.26 -11.72	57.59 3.36 0.00	71.17 4.41 0.00	60.06 3.58 -5.25	68.40 2.81 -25.96	69.59 2.33 -30.32	61.90 2.27 -25.23	63.21 2.23 -28.15	75.98 2.10 -42.05	67.12 2.20 -33.04	75.38 2.13 -40.05	73.43 2.23 -35.75	70.52 2.71 -28.02	64.14 3.28 -16.50	68.31 4.06 -10.78	59.08 3.51 -7.46	59.53 2.85 -17.62	54.84 2.50 -14.96	53.49 2.32 -17.11

NARROWS_GT1_5 24232	53.50 2.60 -15.76	52.81 2.34 -16.07	52.21 2.12 -16.52	52.21 2.06 -16.87	52.84 2.05 -17.24	52.87 2.26 -11.72	57.59 3.36 0.00	71.17 4.41 0.00	60.06 3.58 -5.25	68.40 2.81 -25.96	69.59 2.33 -30.32	61.90 2.27 -25.23	63.21 2.23 -28.15	75.98 2.10 -42.05	67.12 2.20 -33.04	75.38 2.13 -40.05	73.43 2.23 -35.75	70.52 2.71 -28.02	64.14 3.28 -16.50	68.31 4.06 -10.78	59.08 3.51 -7.46	59.53 2.85 -17.62	54.84 2.50 -14.96	53.49 2.32 -17.11
NARROWS_GT1_6 24233	53.50 2.60 -15.76	52.81 2.34 -16.07	52.21 2.12 -16.52	52.21 2.06 -16.87	52.84 2.05 -17.24	52.87 2.26 -11.72	57.59 3.36 0.00	71.17 4.41 0.00	60.06 3.58 -5.25	68.40 2.81 -25.96	69.59 2.33 -30.32	61.90 2.27 -25.23	63.21 2.23 -28.15	75.98 2.10 -42.05	67.12 2.20 -33.04	75.38 2.13 -40.05	73.43 2.23 -35.75	70.52 2.71 -28.02	64.14 3.28 -16.50	68.31 4.06 -10.78	59.08 3.51 -7.46	59.53 2.85 -17.62	54.84 2.50 -14.96	53.49 2.32 -17.11
NARROWS_GT1_7 24234	53.50 2.60 -15.76	52.81 2.34 -16.07	52.21 2.12 -16.52	52.21 2.06 -16.87	52.84 2.05 -17.24	52.87 2.26 -11.72	57.59 3.36 0.00	71.17 4.41 0.00	60.06 3.58 -5.25	68.40 2.81 -25.96	69.59 2.33 -30.32	61.90 2.27 -25.23	63.21 2.23 -28.15	75.98 2.10 -42.05	67.12 2.20 -33.04	75.38 2.13 -40.05	73.43 2.23 -35.75	70.52 2.71 -28.02	64.14 3.28 -16.50	68.31 4.06 -10.78	59.08 3.51 -7.46	59.53 2.85 -17.62	54.84 2.50 -14.96	53.49 2.32 -17.11
NARROWS_GT1_8 24235	53.50 2.60 -15.76	52.81 2.34 -16.07	52.21 2.12 -16.52	52.21 2.06 -16.87	52.84 2.05 -17.24	52.87 2.26 -11.72	57.59 3.36 0.00	71.17 4.41 0.00	60.06 3.58 -5.25	68.40 2.81 -25.96	69.59 2.33 -30.32	61.90 2.27 -25.23	63.21 2.23 -28.15	75.98 2.10 -42.05	67.12 2.20 -33.04	75.38 2.13 -40.05	73.43 2.23 -35.75	70.52 2.71 -28.02	64.14 3.28 -16.50	68.31 4.06 -10.78	59.08 3.51 -7.46	59.53 2.85 -17.62	54.84 2.50 -14.96	53.49 2.32 -17.11
NARROWS_GT2_1 24236	53.50 2.60 -15.76	52.81 2.34 -16.07	52.21 2.12 -16.52	52.21 2.06 -16.87	52.84 2.05 -17.24	52.87 2.26 -11.72	57.59 3.36 0.00	71.17 4.41 0.00	60.06 3.58 -5.25	68.40 2.81 -25.96	69.59 2.33 -30.32	61.90 2.27 -25.23	63.21 2.23 -28.15	75.98 2.10 -42.05	67.12 2.20 -33.04	75.38 2.13 -40.05	73.43 2.23 -35.75	70.52 2.71 -28.02	64.14 3.28 -16.50	68.31 4.06 -10.78	59.08 3.51 -7.46	59.53 2.85 -17.62	54.84 2.50 -14.96	53.49 2.32 -17.11
NARROWS_GT2_2 24237	53.50 2.60 -15.76	52.81 2.34 -16.07	52.21 2.12 -16.52	52.21 2.06 -16.87	52.84 2.05 -17.24	52.87 2.26 -11.72	57.59 3.36 0.00	71.17 4.41 0.00	60.06 3.58 -5.25	68.40 2.81 -25.96	69.59 2.33 -30.32	61.90 2.27 -25.23	63.21 2.23 -28.15	75.98 2.10 -42.05	67.12 2.20 -33.04	75.38 2.13 -40.05	73.43 2.23 -35.75	70.52 2.71 -28.02	64.14 3.28 -16.50	68.31 4.06 -10.78	59.08 3.51 -7.46	59.53 2.85 -17.62	54.84 2.50 -14.96	53.49 2.32 -17.11
NARROWS_GT2_3 24238	53.50 2.60 -15.76	52.81 2.34 -16.07	52.21 2.12 -16.52	52.21 2.06 -16.87	52.84 2.05 -17.24	52.87 2.26 -11.72	57.59 3.36 0.00	71.17 4.41 0.00	60.06 3.58 -5.25	68.40 2.81 -25.96	69.59 2.33 -30.32	61.90 2.27 -25.23	63.21 2.23 -28.15	75.98 2.10 -42.05	67.12 2.20 -33.04	75.38 2.13 -40.05	73.43 2.23 -35.75	70.52 2.71 -28.02	64.14 3.28 -16.50	68.31 4.06 -10.78	59.08 3.51 -7.46	59.53 2.85 -17.62	54.84 2.50 -14.96	53.49 2.32 -17.11
NARROWS_GT2_4 24239	53.50 2.60 -15.76	52.81 2.34 -16.07	52.21 2.12 -16.52	52.21 2.06 -16.87	52.84 2.05 -17.24	52.87 2.26 -11.72	57.59 3.36 0.00	71.17 4.41 0.00	60.06 3.58 -5.25	68.40 2.81 -25.96	69.59 2.33 -30.32	61.90 2.27 -25.23	63.21 2.23 -28.15	75.98 2.10 -42.05	67.12 2.20 -33.04	75.38 2.13 -40.05	73.43 2.23 -35.75	70.52 2.71 -28.02	64.14 3.28 -16.50	68.31 4.06 -10.78	59.08 3.51 -7.46	59.53 2.85 -17.62	54.84 2.50 -14.96	53.49 2.32 -17.11
NARROWS_GT2_5 24240	53.50 2.60 -15.76	52.81 2.34 -16.07	52.21 2.12 -16.52	52.21 2.06 -16.87	52.84 2.05 -17.24	52.87 2.26 -11.72	57.59 3.36 0.00	71.17 4.41 0.00	60.06 3.58 -5.25	68.40 2.81 -25.96	69.59 2.33 -30.32	61.90 2.27 -25.23	63.21 2.23 -28.15	75.98 2.10 -42.05	67.12 2.20 -33.04	75.38 2.13 -40.05	73.43 2.23 -35.75	70.52 2.71 -28.02	64.14 3.28 -16.50	68.31 4.06 -10.78	59.08 3.51 -7.46	59.53 2.85 -17.62	54.84 2.50 -14.96	53.49 2.32 -17.11
NARROWS_GT2_6 24241	53.50 2.60 -15.76	52.81 2.34 -16.07	52.21 2.12 -16.52	52.21 2.06 -16.87	52.84 2.05 -17.24	52.87 2.26 -11.72	57.59 3.36 0.00	71.17 4.41 0.00	60.06 3.58 -5.25	68.40 2.81 -25.96	69.59 2.33 -30.32	61.90 2.27 -25.23	63.21 2.23 -28.15	75.98 2.10 -42.05	67.12 2.20 -33.04	75.38 2.13 -40.05	73.43 2.23 -35.75	70.52 2.71 -28.02	64.14 3.28 -16.50	68.31 4.06 -10.78	59.08 3.51 -7.46	59.53 2.85 -17.62	54.84 2.50 -14.96	53.49 2.32 -17.11
NARROWS_GT2_7 24242	53.50 2.60 -15.76	52.81 2.34 -16.07	52.21 2.12 -16.52	52.21 2.06 -16.87	52.84 2.05 -17.24	52.87 2.26 -11.72	57.59 3.36 0.00	71.17 4.41 0.00	60.06 3.58 -5.25	68.40 2.81 -25.96	69.59 2.33 -30.32	61.90 2.27 -25.23	63.21 2.23 -28.15	75.98 2.10 -42.05	67.12 2.20 -33.04	75.38 2.13 -40.05	73.43 2.23 -35.75	70.52 2.71 -28.02	64.14 3.28 -16.50	68.31 4.06 -10.78	59.08 3.51 -7.46	59.53 2.85 -17.62	54.84 2.50 -14.96	53.49 2.32 -17.11
NARROWS_GT2_8 24243	53.50 2.60 -15.76	52.81 2.34 -16.07	52.21 2.12 -16.52	52.21 2.06 -16.87	52.84 2.05 -17.24	52.87 2.26 -11.72	57.59 3.36 0.00	71.17 4.41 0.00	60.06 3.58 -5.25	68.40 2.81 -25.96	69.59 2.33 -30.32	61.90 2.27 -25.23	63.21 2.23 -28.15	75.98 2.10 -42.05	67.12 2.20 -33.04	75.38 2.13 -40.05	73.43 2.23 -35.75	70.52 2.71 -28.02	64.14 3.28 -16.50	68.31 4.06 -10.78	59.08 3.51 -7.46	59.53 2.85 -17.62	54.84 2.50 -14.96	53.49 2.32 -17.11
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	37.21 2.07 0.00	36.43 2.03 0.00	35.49 1.91 0.00	35.14 1.86 0.00	35.40 1.85 0.00	41.08 2.18 0.00	57.21 2.98 0.00	70.10 3.34 0.00	53.27 2.05 0.00	40.97 1.35 0.00	37.82 0.89 0.00	35.19 0.79 0.00	33.58 0.76 0.00	32.34 0.51 0.00	32.36 0.48 0.00	33.64 0.43 0.00	36.12 0.67 0.00	40.64 0.84 0.00	45.65 1.29 0.00	55.12 1.66 0.00	49.60 1.49 0.00	40.39 1.33 0.00	38.73 1.35 0.00	35.42 1.36 0.00
NCHELSEA_115KV_TR2 355582	37.07 1.93 0.00	36.19 1.79 0.00	35.16 1.58 0.00	34.81 1.53 0.00	35.06 1.51 0.00	40.53 1.63 0.00	56.62 2.39 0.00	69.97 3.20 0.00	53.57 2.36 0.00	41.56 1.94 0.00	38.41 1.48 0.00	35.71 1.31 0.00	34.14 1.31 0.00	33.04 1.21 0.00	33.22 1.34 0.00	34.54 1.33 0.00	36.93 1.49 0.00	41.59 1.79 0.00	46.58 2.22 0.00	56.14 2.67 0.00	50.52 2.41 0.00	41.13 2.07 0.00	39.25 1.87 0.00	35.73 1.67 0.00
NEG CAPITAL___MECHNVIL 23645	37.28 2.14 0.00	36.46 2.06 0.00	35.53 1.95 0.00	35.14 1.86 0.00	35.43 1.88 0.00	41.16 2.26 0.00	57.54 3.31 0.00	70.84 4.07 0.00	53.88 2.66 0.00	41.36 1.74 0.00	38.34 1.40 0.00	35.64 1.24 0.00	34.01 1.18 0.00	32.85 1.02 0.00	33.03 1.15 0.00	34.47 1.26 0.00	36.97 1.52 0.00	41.59 1.79 0.00	46.71 2.35 0.00	56.40 2.94 0.00	50.76 2.64 0.00	41.17 2.11 0.00	39.32 1.94 0.00	35.73 1.67 0.00



NEG CENTRAL_HIGH_ACRES 23767	34.05 -1.09 0.00	33.40 -1.00 0.00	32.77 -0.81 0.00	32.41 -0.87 0.00	32.72 -0.84 0.00	37.97 -0.93 0.00	52.66 -1.57 0.00	64.56 -2.20 0.00	49.48 -1.74 0.00	38.43 -1.19 0.00	35.98 -0.96 0.00	33.44 -0.96 0.00	31.68 -1.15 0.00	30.91 -0.92 0.00	30.83 -1.05 0.00	32.38 -0.83 0.00	34.49 -0.96 0.00	38.49 -1.31 0.00	42.63 -1.73 0.00	51.22 -2.24 0.00	46.14 -1.97 0.00	37.30 -1.76 0.00	35.88 -1.50 0.00	32.70 -1.36 0.00
NEG CENTRAL___DRP 24199	35.14 0.00 0.00	34.43 0.03 0.00	33.71 0.13 0.00	33.41 0.13 0.00	33.72 0.17 0.00	39.21 0.31 0.00	54.50 0.27 0.00	66.90 0.13 0.00	51.27 0.05 0.00	39.62 0.00 0.00	36.97 0.04 0.00	34.40 0.00 0.00	32.66 -0.16 0.00	31.77 -0.06 0.00	31.75 -0.13 0.00	33.27 0.07 0.00	35.48 0.04 0.00	39.80 0.00 0.00	44.09 -0.27 0.00	53.09 -0.37 0.00	47.82 -0.29 0.00	38.55 -0.51 0.00	37.01 -0.37 0.00	33.69 -0.37 0.00
NEG CENTRAL___INDECK 23768	35.17 0.04 0.00	34.57 0.17 0.00	33.98 0.40 0.00	33.71 0.43 0.00	34.09 0.54 0.00	39.72 0.82 0.00	55.26 1.03 0.00	67.43 0.67 0.00	51.17 -0.05 0.00	39.54 -0.08 0.00	36.79 -0.15 0.00	34.19 -0.21 0.00	32.33 -0.49 0.00	31.51 -0.32 0.00	31.40 -0.48 0.00	33.14 -0.07 0.00	35.44 0.00 0.00	39.80 0.00 0.00	44.32 -0.04 0.00	53.36 -0.11 0.00	48.01 -0.10 0.00	38.59 -0.47 0.00	37.04 -0.34 0.00	33.62 -0.44 0.00
NEG CENTRAL___SENECA 23627	35.17 0.04 0.00	34.50 0.10 0.00	33.81 0.24 0.00	33.51 0.23 0.00	33.85 0.30 0.00	39.41 0.51 0.00	54.67 0.43 0.00	66.96 0.20 0.00	51.42 0.20 0.00	39.70 0.08 0.00	37.01 0.07 0.00	34.43 0.03 0.00	32.66 -0.16 0.00	31.80 -0.03 0.00	31.79 -0.10 0.00	33.34 0.13 0.00	35.55 0.11 0.00	39.88 0.08 0.00	44.14 -0.22 0.00	53.03 -0.43 0.00	47.82 -0.29 0.00	38.51 -0.55 0.00	36.93 -0.45 0.00	33.62 -0.44 0.00
NEG CENTRAL___STATE_STREET 24147	35.21 0.07 0.00	34.50 0.10 0.00	33.71 0.13 0.00	33.45 0.17 0.00	33.72 0.17 0.00	39.13 0.23 0.00	54.56 0.33 0.00	67.10 0.33 0.00	51.42 0.20 0.00	39.70 0.08 0.00	37.08 0.15 0.00	34.50 0.10 0.00	32.83 0.00 0.00	31.90 0.06 0.00	31.91 0.03 0.00	33.41 0.20 0.00	35.62 0.18 0.00	39.92 0.12 0.00	44.32 -0.04 0.00	53.41 -0.05 0.00	48.06 -0.05 0.00	38.83 -0.23 0.00	37.23 -0.15 0.00	33.89 -0.17 0.00
NEG MILLWOOD___DRP 24198	37.25 2.11 0.00	36.36 1.96 0.00	35.29 1.71 0.00	34.91 1.63 0.00	35.20 1.64 0.00	40.65 1.75 0.00	56.83 2.60 0.00	70.44 3.67 0.00	53.88 2.66 0.00	41.72 2.10 0.00	38.64 1.70 0.00	35.91 1.51 0.00	34.37 1.54 0.00	33.26 1.43 0.00	33.48 1.59 0.00	34.77 1.56 0.00	37.11 1.67 0.00	41.79 1.99 0.00	46.75 2.40 0.00	56.51 3.05 0.00	50.80 2.69 0.00	41.33 2.27 0.00	39.40 2.02 0.00	35.83 1.77 0.00
NEG NORTH_FLCN_SEA 23793	33.59 -1.55 0.00	-6.13 -1.38 39.15	-6.20 -1.28 38.50	-6.25 -1.20 38.33	-0.37 -1.21 32.72	37.81 -1.09 0.00	52.55 -1.68 0.00	62.16 -2.54 2.07	50.19 -1.02 0.00	39.03 -0.59 0.00	36.72 -0.22 0.00	34.36 -0.03 0.00	32.92 0.10 0.00	31.93 0.10 0.00	31.98 0.10 0.00	33.31 0.10 0.00	35.58 0.14 0.00	40.16 0.36 0.00	44.76 0.40 0.00	54.05 0.59 0.00	48.74 0.63 0.00	39.45 0.39 0.00	37.75 0.37 0.00	34.71 0.65 0.00
NEG NORTH_KES_CHATEGAY 23792	34.05 -1.09 0.00	-5.51 -0.76 39.15	-5.56 -0.64 38.50	-5.59 -0.53 38.33	0.27 -0.57 32.72	38.59 -0.31 0.00	53.80 -0.43 0.00	63.83 -0.87 2.07	51.17 -0.05 0.00	39.62 0.00 0.00	37.27 0.33 0.00	34.81 0.41 0.00	33.32 0.49 0.00	32.34 0.51 0.00	32.36 0.48 0.00	33.77 0.56 0.00	36.15 0.71 0.00	40.87 1.07 0.00	45.69 1.33 0.00	55.17 1.71 0.00	49.84 1.73 0.00	40.23 1.17 0.00	38.54 1.16 0.00	35.32 1.26 0.00
NEG NORTH___ALICE_FALLS 23915	33.80 -1.34 0.00	-5.79 -1.03 39.15	-5.87 -0.94 38.50	-5.89 -0.83 38.33	0.00 -0.84 32.72	38.20 -0.70 0.00	53.20 -1.03 0.00	63.16 -1.54 2.07	50.76 -0.46 0.00	39.38 -0.24 0.00	37.08 0.15 0.00	34.67 0.28 0.00	33.22 0.39 0.00	32.21 0.38 0.00	32.26 0.38 0.00	33.61 0.40 0.00	35.94 0.50 0.00	40.60 0.80 0.00	45.25 0.89 0.00	54.64 1.18 0.00	49.31 1.20 0.00	39.88 0.82 0.00	38.16 0.78 0.00	35.01 0.95 0.00
NEG NORTH___LWR_SARANAC 23913	33.80 -1.34 0.00	-5.79 -1.03 39.15	-5.87 -0.94 38.50	-5.89 -0.83 38.33	0.00 -0.84 32.72	38.20 -0.70 0.00	53.20 -1.03 0.00	63.16 -1.54 2.07	50.76 -0.46 0.00	39.38 -0.24 0.00	37.08 0.15 0.00	34.67 0.28 0.00	33.22 0.39 0.00	32.21 0.38 0.00	32.26 0.38 0.00	33.61 0.40 0.00	35.94 0.50 0.00	40.60 0.80 0.00	45.25 0.89 0.00	54.64 1.18 0.00	49.31 1.20 0.00	39.88 0.82 0.00	38.16 0.78 0.00	35.01 0.95 0.00
NEG NORTH___PLATTSBURG 23628	33.80 -1.34 0.00	-5.79 -1.03 39.15	-5.87 -0.94 38.50	-5.89 -0.83 38.33	0.00 -0.84 32.72	38.20 -0.70 0.00	53.20 -1.03 0.00	63.16 -1.53 2.07	50.81 -0.41 0.00	39.38 -0.24 0.00	37.09 0.15 0.00	34.67 0.27 0.00	33.22 0.40 0.00	32.24 0.41 0.00	32.26 0.38 0.00	33.67 0.46 0.00	35.98 0.53 0.00	40.64 0.84 0.00	45.29 0.93 0.00	54.64 1.17 0.00	49.31 1.20 0.00	39.88 0.82 0.00	38.17 0.79 0.00	35.01 0.95 0.00
NEG WEST_LEA_LOCKPORT 23791	33.70 -1.44 0.00	33.09 -1.31 0.00	32.57 -1.01 0.00	32.15 -1.13 0.00	32.51 -1.04 0.00	37.81 -1.09 0.00	52.06 -2.17 0.00	62.56 -4.21 0.00	48.40 -2.82 0.00	37.56 -2.06 0.00	35.24 -1.70 0.00	32.89 -1.51 0.00	31.02 -1.81 0.00	30.43 -1.40 0.00	30.32 -1.56 0.00	31.81 -1.39 0.00	33.67 -1.77 0.00	37.41 -2.39 0.00	41.25 -3.11 0.00	49.67 -3.80 0.00	44.65 -3.46 0.00	35.86 -3.20 0.00	34.73 -2.65 0.00	31.85 -2.21 0.00
NEG WEST___LANCASTER 23811	34.12 -1.02 0.00	33.54 -0.86 0.00	33.01 -0.57 0.00	32.58 -0.70 0.00	32.95 -0.60 0.00	38.24 -0.66 0.00	52.98 -1.25 0.00	63.89 -2.87 0.00	49.12 -2.10 0.00	38.08 -1.55 0.00	35.61 -1.33 0.00	33.23 -1.17 0.00	31.35 -1.48 0.00	30.75 -1.08 0.00	30.64 -1.24 0.00	32.11 -1.10 0.00	33.99 -1.45 0.00	37.85 -1.95 0.00	41.74 -2.62 0.00	50.31 -3.15 0.00	45.18 -2.93 0.00	36.25 -2.81 0.00	34.99 -2.39 0.00	32.12 -1.94 0.00
NEG_PENN_ALLEGHNY 23528	35.35 0.21 0.00	34.61 0.21 0.00	33.85 0.27 0.00	33.54 0.26 0.00	33.79 0.24 0.00	39.21 0.31 0.00	54.72 0.49 0.00	67.23 0.47 0.00	51.32 0.10 0.00	39.74 0.12 0.00	37.01 0.07 0.00	34.40 0.00 0.00	32.73 -0.10 0.00	31.83 0.00 0.00	31.82 -0.06 0.00	33.27 0.07 0.00	35.55 0.11 0.00	39.88 0.08 0.00	44.32 -0.04 0.00	53.41 -0.05 0.00	47.97 -0.14 0.00	38.79 -0.27 0.00	37.16 -0.22 0.00	33.89 -0.17 0.00
NEG___GEN_MONROE 24207	34.65 -0.49 0.00	34.02 -0.38 0.00	33.41 -0.17 0.00	33.01 -0.27 0.00	33.38 -0.17 0.00	38.82 -0.08 0.00	53.80 -0.43 0.00	65.30 -1.47 0.00	50.30 -0.92 0.00	38.91 -0.71 0.00	36.38 -0.55 0.00	33.88 -0.52 0.00	31.97 -0.85 0.00	31.23 -0.60 0.00	31.12 -0.77 0.00	32.58 -0.63 0.00	34.56 -0.89 0.00	38.65 -1.15 0.00	42.81 -1.55 0.00	51.64 -1.82 0.00	46.47 -1.64 0.00	37.50 -1.56 0.00	36.03 -1.35 0.00	32.90 -1.16 0.00

NEPA__ENERGY 23901	34.51 -0.63 0.00	33.99 -0.41 0.00	33.48 -0.10 0.00	33.11 -0.17 0.00	33.45 -0.10 0.00	38.82 -0.08 0.00	53.85 -0.38 0.00	65.16 -1.60 0.00	49.94 -1.28 0.00	38.71 -0.91 0.00	36.12 -0.81 0.00	33.71 -0.69 0.00	31.81 -1.02 0.00	31.16 -0.67 0.00	30.99 -0.89 0.00	32.48 -0.73 0.00	34.34 -1.10 0.00	38.29 -1.51 0.00	42.23 -2.13 0.00	50.90 -2.57 0.00	45.66 -2.45 0.00	36.60 -2.46 0.00	35.29 -2.09 0.00	32.36 -1.70 0.00
NEVERSink__HYD 23608	36.89 1.76 0.00	36.12 1.72 0.00	35.12 1.55 0.00	34.78 1.50 0.00	34.99 1.44 0.00	40.53 1.63 0.00	56.73 2.50 0.00	69.90 3.14 0.00	53.52 2.31 0.00	41.44 1.82 0.00	38.26 1.33 0.00	35.53 1.13 0.00	33.85 1.02 0.00	32.69 0.86 0.00	32.87 0.99 0.00	34.24 1.03 0.00	36.61 1.17 0.00	41.31 1.51 0.00	46.27 1.91 0.00	55.76 2.30 0.00	50.23 2.11 0.00	40.70 1.64 0.00	38.88 1.50 0.00	35.35 1.29 0.00
NEWKRMKL_115KV_TB1 55635	36.72 1.58 0.00	35.88 1.48 0.00	34.96 1.38 0.00	34.61 1.33 0.00	34.86 1.31 0.00	40.42 1.52 0.00	56.29 2.06 0.00	69.30 2.54 0.00	52.96 1.74 0.00	40.89 1.27 0.00	37.90 0.96 0.00	35.29 0.89 0.00	33.71 0.89 0.00	32.44 0.60 0.00	32.36 0.48 0.00	33.51 0.30 0.00	35.80 0.35 0.00	40.12 0.32 0.00	44.98 0.62 0.00	54.21 0.75 0.00	48.78 0.67 0.00	39.76 0.70 0.00	38.02 0.64 0.00	34.81 0.75 0.00
NEWTON__FALLS_HYD 23847	33.63 -1.51 0.00	37.39 -1.38 -4.37	36.60 -1.28 -4.30	36.36 -1.20 -4.28	36.03 -1.17 -3.65	37.89 -1.01 0.00	53.47 -0.76 0.00	66.06 -0.93 -0.23	50.09 -1.13 0.00	38.39 -1.23 0.00	35.75 -1.18 0.00	33.26 -1.14 0.00	31.74 -1.08 0.00	30.81 -1.02 0.00	30.89 -0.99 0.00	32.28 -0.93 0.00	34.49 -0.96 0.00	38.88 -0.92 0.00	43.47 -0.89 0.00	52.55 -0.91 0.00	47.29 -0.82 0.00	38.28 -0.78 0.00	36.67 -0.71 0.00	33.14 -0.92 0.00
NGRID_A1_DSASP 323792	33.38 -1.76 0.00	32.78 -1.62 0.00	32.23 -1.34 0.00	31.78 -1.50 0.00	32.11 -1.44 0.00	37.23 -1.67 0.00	51.25 -2.98 0.00	61.96 -4.81 0.00	47.53 -3.69 0.00	37.20 -2.42 0.00	34.91 -2.03 0.00	32.44 -1.96 0.00	30.66 -2.17 0.00	29.99 -1.85 0.00	29.84 -2.04 0.00	31.38 -1.83 0.00	33.35 -2.09 0.00	36.86 -2.94 0.00	40.81 -3.55 0.00	48.81 -4.65 0.00	43.92 -4.19 0.00	35.43 -3.63 0.00	34.39 -2.99 0.00	31.57 -2.48 0.00
NGRID_A2_DSASP 323793	33.38 -1.76 0.00	32.78 -1.62 0.00	32.23 -1.34 0.00	31.78 -1.50 0.00	32.11 -1.44 0.00	37.23 -1.67 0.00	51.25 -2.98 0.00	61.96 -4.81 0.00	47.53 -3.69 0.00	37.20 -2.42 0.00	34.91 -2.03 0.00	32.44 -1.96 0.00	30.66 -2.17 0.00	29.99 -1.85 0.00	29.84 -2.04 0.00	31.38 -1.83 0.00	33.35 -2.09 0.00	36.86 -2.94 0.00	40.81 -3.55 0.00	48.81 -4.65 0.00	43.92 -4.19 0.00	35.43 -3.63 0.00	34.39 -2.99 0.00	31.57 -2.48 0.00
NGRID_A4_DSASP 323807	33.38 -1.76 0.00	32.78 -1.62 0.00	32.23 -1.34 0.00	31.78 -1.50 0.00	32.11 -1.44 0.00	37.23 -1.67 0.00	51.25 -2.98 0.00	61.96 -4.81 0.00	47.53 -3.69 0.00	37.20 -2.42 0.00	34.91 -2.03 0.00	32.44 -1.96 0.00	30.66 -2.17 0.00	29.99 -1.85 0.00	29.84 -2.04 0.00	31.38 -1.83 0.00	33.35 -2.09 0.00	36.86 -2.94 0.00	40.81 -3.55 0.00	48.81 -4.65 0.00	43.92 -4.19 0.00	35.43 -3.63 0.00	34.39 -2.99 0.00	31.57 -2.48 0.00
NIAGARA_115E_LBMP 323715	33.21 -1.93 0.00	32.65 -1.75 0.00	32.10 -1.48 0.00	31.65 -1.63 0.00	31.98 -1.58 0.00	37.07 -1.83 0.00	51.08 -3.15 0.00	61.76 -5.01 0.00	47.38 -3.84 0.00	37.08 -2.54 0.00	34.76 -2.18 0.00	32.30 -2.10 0.00	30.50 -2.33 0.00	29.86 -1.97 0.00	29.68 -2.20 0.00	31.25 -1.96 0.00	33.21 -2.23 0.00	36.70 -3.10 0.00	40.68 -3.68 0.00	48.65 -4.81 0.00	43.78 -4.33 0.00	35.27 -3.79 0.00	34.24 -3.14 0.00	31.40 -2.66 0.00
NIAGARA_115W_LBMP 323714	33.27 -1.86 0.00	32.68 -1.72 0.00	32.14 -1.44 0.00	31.68 -1.60 0.00	31.98 -1.58 0.00	37.11 -1.79 0.00	51.03 -3.20 0.00	61.76 -5.01 0.00	47.38 -3.84 0.00	37.08 -2.54 0.00	34.79 -2.14 0.00	32.34 -2.06 0.00	30.56 -2.26 0.00	29.89 -1.94 0.00	29.75 -2.14 0.00	31.28 -1.93 0.00	33.25 -2.20 0.00	36.74 -3.06 0.00	40.68 -3.68 0.00	48.65 -4.81 0.00	43.78 -4.33 0.00	35.31 -3.75 0.00	34.28 -3.10 0.00	31.47 -2.59 0.00
NIAGARA_230_LBMP 323716	33.56 -1.58 0.00	32.99 -1.41 0.00	32.44 -1.14 0.00	31.95 -1.33 0.00	32.28 -1.27 0.00	37.42 -1.48 0.00	51.58 -2.66 0.00	62.36 -4.41 0.00	47.84 -3.38 0.00	37.44 -2.18 0.00	35.09 -1.85 0.00	32.65 -1.75 0.00	30.86 -1.97 0.00	30.14 -1.69 0.00	30.00 -1.88 0.00	31.55 -1.66 0.00	33.53 -1.91 0.00	37.09 -2.71 0.00	41.12 -3.24 0.00	49.18 -4.28 0.00	44.26 -3.85 0.00	35.70 -3.36 0.00	34.61 -2.77 0.00	31.78 -2.28 0.00
NIAGARA__115KV_198_GIBSON 55903	33.28 -1.86 0.00	32.68 -1.72 0.00	32.13 -1.44 0.00	31.68 -1.60 0.00	32.04 -1.51 0.00	37.23 -1.67 0.00	51.14 -3.09 0.00	61.42 -5.34 0.00	47.58 -3.64 0.00	36.97 -2.65 0.00	34.72 -2.22 0.00	32.44 -1.96 0.00	30.59 -2.23 0.00	30.02 -1.81 0.00	29.90 -1.98 0.00	31.35 -1.86 0.00	33.14 -2.30 0.00	36.78 -3.02 0.00	40.59 -3.77 0.00	48.81 -4.65 0.00	43.93 -4.19 0.00	35.31 -3.75 0.00	34.28 -3.10 0.00	31.47 -2.59 0.00
NIAGARA____ 23760	33.56 -1.58 0.00	32.99 -1.41 0.00	32.44 -1.14 0.00	31.95 -1.33 0.00	32.28 -1.27 0.00	37.42 -1.48 0.00	51.58 -2.66 0.00	62.36 -4.41 0.00	47.84 -3.38 0.00	37.44 -2.18 0.00	35.09 -1.85 0.00	32.65 -1.75 0.00	30.86 -1.97 0.00	30.14 -1.69 0.00	30.00 -1.88 0.00	31.55 -1.66 0.00	33.53 -1.91 0.00	37.09 -2.71 0.00	41.12 -3.24 0.00	49.18 -4.28 0.00	44.26 -3.85 0.00	35.70 -3.36 0.00	34.61 -2.77 0.00	31.78 -2.28 0.00
NINE_MILE_1 23575	34.22 -0.91 0.00	33.54 -0.86 0.00	32.77 -0.81 0.00	32.48 -0.80 0.00	32.75 -0.81 0.00	37.89 -1.01 0.00	52.61 -1.63 0.00	64.69 -2.07 0.00	49.58 -1.64 0.00	38.43 -1.19 0.00	36.01 -0.92 0.00	33.50 -0.89 0.00	31.94 -0.88 0.00	31.00 -0.83 0.00	31.02 -0.86 0.00	32.38 -0.83 0.00	34.56 -0.88 0.00	38.61 -1.19 0.00	42.94 -1.42 0.00	51.70 -1.76 0.00	46.52 -1.59 0.00	37.85 -1.21 0.00	36.26 -1.12 0.00	33.07 -0.99 0.00
NINE_MILE_2 23744	34.22 -0.91 0.00	33.54 -0.86 0.00	32.77 -0.81 0.00	32.48 -0.80 0.00	32.75 -0.81 0.00	37.89 -1.01 0.00	52.61 -1.63 0.00	64.69 -2.07 0.00	49.58 -1.64 0.00	38.43 -1.19 0.00	36.01 -0.92 0.00	33.50 -0.89 0.00	31.94 -0.88 0.00	31.00 -0.83 0.00	31.02 -0.86 0.00	32.38 -0.83 0.00	34.56 -0.88 0.00	38.61 -1.19 0.00	42.94 -1.42 0.00	51.70 -1.76 0.00	46.52 -1.59 0.00	37.85 -1.21 0.00	36.26 -1.12 0.00	33.07 -0.99 0.00
NM_CAPITAL__DRP 24208	36.65 1.51 0.00	35.81 1.41 0.00	34.89 1.31 0.00	34.54 1.26 0.00	34.79 1.24 0.00	40.30 1.40 0.00	56.13 1.90 0.00	69.10 2.34 0.00	52.81 1.59 0.00	40.77 1.15 0.00	37.82 0.89 0.00	35.22 0.83 0.00	33.65 0.82 0.00	32.41 0.57 0.00	32.36 0.48 0.00	33.54 0.33 0.00	35.87 0.43 0.00	40.20 0.40 0.00	45.07 0.71 0.00	54.32 0.86 0.00	48.93 0.82 0.00	39.84 0.78 0.00	38.09 0.71 0.00	34.84 0.78 0.00

NM_CENTRAL___DRP 24181	35.00 -0.14 0.00	34.30 -0.10 0.00	33.51 -0.07 0.00	33.21 -0.07 0.00	33.45 -0.10 0.00	38.78 -0.12 0.00	54.07 -0.16 0.00	66.43 -0.33 0.00	50.91 -0.31 0.00	39.42 -0.20 0.00	36.86 -0.07 0.00	34.30 -0.10 0.00	32.63 -0.20 0.00	31.70 -0.13 0.00	31.72 -0.16 0.00	33.17 -0.03 0.00	35.37 -0.07 0.00	39.60 -0.20 0.00	43.96 -0.40 0.00	53.03 -0.43 0.00	47.68 -0.43 0.00	38.59 -0.47 0.00	37.01 -0.37 0.00	33.72 -0.34 0.00
NM_FRONTIER___DRP 24179	33.28 -1.86 0.00	32.68 -1.72 0.00	32.13 -1.44 0.00	31.68 -1.60 0.00	32.04 -1.51 0.00	37.23 -1.67 0.00	51.14 -3.09 0.00	61.42 -5.34 0.00	47.58 -3.64 0.00	36.97 -2.65 0.00	34.72 -2.22 0.00	32.44 -1.96 0.00	30.59 -2.23 0.00	30.02 -1.81 0.00	29.90 -1.98 0.00	31.35 -1.86 0.00	33.14 -2.30 0.00	36.78 -3.02 0.00	40.59 -3.77 0.00	48.81 -4.65 0.00	43.93 -4.19 0.00	35.31 -3.75 0.00	34.28 -3.10 0.00	31.47 -2.59 0.00
NM_ST_REGIS___HYD 24053	33.28 -1.86 0.00	43.52 -1.65 -10.78	42.66 -1.51 -10.60	42.43 -1.40 -10.55	41.15 -1.41 -9.00	37.62 -1.28 0.00	52.77 -1.46 0.00	65.53 -1.80 -0.57	49.89 -1.33 0.00	38.47 -1.15 0.00	36.01 -0.92 0.00	33.57 -0.83 0.00	32.10 -0.72 0.00	31.16 -0.67 0.00	31.21 -0.67 0.00	32.51 -0.70 0.00	34.70 -0.74 0.00	39.08 -0.72 0.00	43.56 -0.80 0.00	52.55 -0.91 0.00	47.39 -0.72 0.00	38.40 -0.66 0.00	36.78 -0.60 0.00	33.45 -0.61 0.00
NORTHPORT___1 23551	37.46 2.32 0.00	36.32 1.93 0.00	35.09 1.51 0.00	34.78 1.50 0.00	35.13 1.58 0.00	40.92 2.02 0.00	57.21 2.98 0.00	71.00 3.80 -0.43	54.30 3.07 -0.01	48.79 2.61 -6.56	39.12 2.18 -0.01	37.39 2.03 -0.96	34.84 2.00 -0.01	33.55 1.72 0.00	37.08 1.98 -3.22	34.77 1.56 0.00	37.25 1.81 0.00	42.23 2.43 0.00	47.65 3.28 -0.01	57.04 3.58 0.00	51.33 3.22 0.00	45.55 2.93 -3.56	39.88 2.50 0.00	36.10 2.04 0.00
NORTHPORT___2 23552	37.46 2.32 0.00	36.32 1.93 0.00	35.09 1.51 0.00	34.78 1.50 0.00	35.13 1.58 0.00	40.92 2.02 0.00	57.21 2.98 0.00	71.00 3.80 -0.43	54.30 3.07 -0.01	48.79 2.61 -6.56	39.12 2.18 -0.01	37.39 2.03 -0.96	34.84 2.00 -0.01	33.55 1.72 0.00	37.08 1.98 -3.22	34.77 1.56 0.00	37.25 1.81 0.00	42.23 2.43 0.00	47.65 3.28 -0.01	57.04 3.58 0.00	51.33 3.22 0.00	45.55 2.93 -3.56	39.88 2.50 0.00	36.10 2.04 0.00
NORTHPORT___3 23553	37.56 2.42 0.00	36.50 2.10 0.00	35.32 1.74 0.00	34.94 1.66 0.00	35.26 1.71 0.00	41.08 2.18 0.00	57.59 3.36 0.00	71.94 4.74 -0.43	54.92 3.69 -0.01	49.11 2.93 -6.56	39.38 2.44 -0.01	37.70 2.34 -0.96	35.10 2.26 -0.01	33.84 2.01 0.00	37.34 2.23 -3.22	35.00 1.79 0.00	37.46 2.02 0.00	42.43 2.63 0.00	47.87 3.50 -0.01	57.47 4.01 0.00	51.67 3.56 0.00	45.67 3.05 -3.56	39.96 2.58 0.00	36.21 2.15 0.00
NORTHPORT___4 23650	37.56 2.42 0.00	36.50 2.10 0.00	35.32 1.74 0.00	34.94 1.66 0.00	35.26 1.71 0.00	41.08 2.18 0.00	57.59 3.36 0.00	71.94 4.74 -0.43	54.92 3.69 -0.01	49.11 2.93 -6.56	39.38 2.44 -0.01	37.70 2.34 -0.96	35.10 2.26 -0.01	33.84 2.01 0.00	37.34 2.23 -3.22	35.00 1.79 0.00	37.46 2.02 0.00	42.43 2.63 0.00	47.87 3.50 -0.01	57.47 4.01 0.00	51.67 3.56 0.00	45.67 3.05 -3.56	39.96 2.58 0.00	36.21 2.15 0.00
NORTHPORT___IC 23718	37.35 2.21 0.00	36.32 1.93 0.00	35.26 1.68 0.00	34.74 1.46 0.00	35.10 1.54 0.00	40.88 1.98 0.00	56.67 2.44 0.00	70.80 3.61 -0.43	54.03 2.82 0.00	48.67 2.50 -6.55	38.97 2.03 0.00	37.24 1.89 -0.95	34.70 1.87 0.00	33.49 1.66 0.00	36.98 1.88 -3.22	34.64 1.43 0.00	37.14 1.70 0.00	42.11 2.31 0.00	47.42 3.06 0.00	56.78 3.31 0.00	50.95 2.84 0.00	45.54 2.93 -3.55	39.88 2.50 0.00	36.07 2.01 0.00
NORTH___COUNTRY_ESR 323785	33.21 -1.93 0.00	-10.00 -1.79 42.61	-10.00 -1.68 41.90	-10.00 -1.56 41.72	-3.62 -1.58 35.60	37.38 -1.52 0.00	52.23 -2.01 0.00	61.91 -2.60 2.25	49.99 -1.23 0.00	38.83 -0.79 0.00	36.57 -0.37 0.00	34.23 -0.17 0.00	32.79 -0.03 0.00	31.80 -0.03 0.00	31.85 -0.03 0.00	33.17 -0.03 0.00	35.41 -0.04 0.00	39.96 0.16 0.00	44.49 0.13 0.00	53.73 0.27 0.00	48.45 0.34 0.00	39.22 0.16 0.00	37.53 0.15 0.00	34.33 0.27 0.00
NPX_GEN_1385_PROXY 323591	37.14 2.00 0.00	35.84 1.44 0.00	34.38 0.80 0.00	34.31 1.03 0.00	34.73 1.17 0.00	40.34 1.44 0.00	56.73 2.50 0.00	69.53 2.34 -0.43	53.43 2.20 -0.01	40.81 1.70 0.51	37.94 1.40 0.40	36.20 1.24 -0.56	34.15 1.31 -0.01	32.82 0.99 0.00	31.71 1.24 1.41	33.91 0.93 0.22	36.65 1.21 0.00	40.33 1.83 1.30	48.47 2.80 -1.31	56.56 3.10 0.00	50.90 2.79 0.00	45.00 2.38 -3.56	39.40 2.02 0.00	35.63 1.57 0.00
NPX_GEN_CSC 323557	37.10 1.97 0.00	35.98 1.58 0.00	34.75 1.17 0.00	34.38 1.10 0.00	34.73 1.17 0.00	40.84 1.94 0.00	57.75 3.52 0.00	70.80 3.60 -0.43	53.94 2.71 -0.01	48.28 2.10 -6.56	38.53 1.59 -0.01	36.87 1.51 -0.96	34.31 1.48 -0.01	33.04 1.21 0.00	36.86 1.53 -3.45	34.08 1.09 0.22	36.79 1.35 0.00	40.57 2.07 1.30	49.13 3.46 -1.31	57.68 4.22 0.00	52.10 3.99 0.00	45.62 3.01 -3.56	39.85 2.47 0.00	35.83 1.77 0.00
NSINS_S___GLNS_FALLS 23858	37.67 2.53 0.00	36.88 2.48 0.00	35.93 2.35 0.00	35.54 2.26 0.00	35.80 2.25 0.00	41.66 2.76 0.00	58.24 4.01 0.00	71.77 5.01 0.00	54.39 3.18 0.00	41.64 2.02 0.00	38.53 1.59 0.00	35.78 1.38 0.00	34.07 1.25 0.00	32.88 1.05 0.00	33.09 1.21 0.00	34.60 1.39 0.00	37.18 1.74 0.00	41.91 2.11 0.00	47.11 2.75 0.00	56.88 3.42 0.00	51.14 3.03 0.00	41.52 2.46 0.00	39.77 2.39 0.00	36.07 2.01 0.00
NUCOR_STEEL___DRP 24197	35.35 0.21 0.00	34.60 0.21 0.00	33.85 0.27 0.00	33.58 0.30 0.00	33.85 0.30 0.00	39.25 0.35 0.00	54.72 0.49 0.00	67.23 0.47 0.00	51.47 0.26 0.00	39.78 0.16 0.00	37.16 0.22 0.00	34.57 0.17 0.00	32.86 0.03 0.00	31.96 0.13 0.00	31.98 0.10 0.00	33.44 0.23 0.00	35.66 0.21 0.00	39.96 0.16 0.00	44.40 0.04 0.00	53.52 0.05 0.00	48.11 0.00 0.00	38.90 -0.16 0.00	37.34 -0.04 0.00	33.99 -0.07 0.00
NUMBER_THREE_WT_PWR 323818	34.57 -0.56 0.00	35.84 -0.48 -1.93	35.04 -0.44 -1.89	34.77 -0.40 -1.89	34.86 -0.30 -1.61	38.98 0.08 0.00	55.32 1.08 0.00	68.27 1.40 -0.10	51.68 0.46 0.00	39.42 -0.20 0.00	36.64 -0.30 0.00	34.06 -0.34 0.00	32.47 -0.36 0.00	31.48 -0.35 0.00	31.56 -0.32 0.00	33.08 -0.13 0.00	35.37 -0.07 0.00	40.00 0.20 0.00	44.76 0.40 0.00	54.11 0.64 0.00	48.69 0.58 0.00	39.37 0.31 0.00	37.72 0.34 0.00	33.86 -0.20 0.00
NYISO_LBMP_REFERENCE 24008	35.14 0.00 0.00	34.40 0.00 0.00	33.58 0.00 0.00	33.28 0.00 0.00	33.55 0.00 0.00	38.90 0.00 0.00	54.23 0.00 0.00	66.76 0.00 0.00	51.22 0.00 0.00	39.62 0.00 0.00	36.94 0.00 0.00	34.40 0.00 0.00	32.83 0.00 0.00	31.83 0.00 0.00	31.88 0.00 0.00	33.21 0.00 0.00	35.44 0.00 0.00	39.80 0.00 0.00	44.36 0.00 0.00	53.46 0.00 0.00	48.11 0.00 0.00	39.06 0.00 0.00	37.38 0.00 0.00	34.06 0.00 0.00

NYPA_BRENTWD____GT 24164	37.81 2.67 0.00	36.67 2.27 0.00	35.42 1.85 0.00	35.07 1.80 0.00	35.43 1.88 0.00	41.35 2.45 0.00	58.03 3.79 0.00	72.01 4.81 -0.43	54.96 3.74 -0.01	49.15 2.97 -6.56	39.42 2.48 -0.01	37.70 2.34 -0.96	35.10 2.26 -0.01	33.77 1.94 0.00	37.37 2.26 -3.22	35.03 1.83 0.00	37.57 2.13 0.00	42.63 2.83 0.00	48.22 3.86 -0.01	57.90 4.43 0.00	52.06 3.95 0.00	46.01 3.40 -3.56	40.26 2.88 0.00	36.44 2.38 0.00
NYPA_GOWANUS____GT5 24156	53.50 2.60 -15.76	52.81 2.34 -16.07	52.21 2.12 -16.52	52.21 2.06 -16.87	52.84 2.05 -17.24	52.87 2.26 -11.72	57.59 3.36 0.00	71.17 4.41 0.00	60.06 3.58 -5.25	68.40 2.81 -25.96	69.59 2.33 -30.32	61.90 2.27 -25.23	63.21 2.23 -28.15	75.98 2.10 -42.05	67.12 2.20 -33.04	75.38 2.13 -40.05	73.43 2.23 -35.75	70.52 2.71 -28.02	64.14 3.28 -16.50	68.31 4.06 -10.78	59.08 3.51 -7.46	59.53 2.85 -17.62	54.84 2.50 -14.96	53.49 2.32 -17.11
NYPA_GOWANUS____GT6 24157	53.50 2.60 -15.76	52.81 2.34 -16.07	52.21 2.12 -16.52	52.21 2.06 -16.87	52.84 2.05 -17.24	52.87 2.26 -11.72	57.59 3.36 0.00	71.17 4.41 0.00	60.06 3.58 -5.25	68.40 2.81 -25.96	69.59 2.33 -30.32	61.90 2.27 -25.23	63.21 2.23 -28.15	75.98 2.10 -42.05	67.12 2.20 -33.04	75.38 2.13 -40.05	73.43 2.23 -35.75	70.52 2.71 -28.02	64.14 3.28 -16.50	68.31 4.06 -10.78	59.08 3.51 -7.46	59.53 2.85 -17.62	54.84 2.50 -14.96	53.49 2.32 -17.11
NYPA_HARLEM_RVR_GT1 24160	37.29 2.14 -0.01	36.33 1.93 -0.01	35.26 1.68 -0.01	34.95 1.66 -0.01	35.20 1.64 -0.01	40.70 1.79 -0.01	56.88 2.66 0.01	70.43 3.67 0.01	54.39 3.18 0.01	42.11 2.50 0.01	39.00 2.07 0.01	36.39 1.99 0.01	34.82 2.00 0.01	33.70 1.88 0.01	33.85 1.98 0.01	35.12 1.93 0.01	37.42 1.98 0.01	42.18 2.39 0.01	47.28 2.93 0.01	56.93 3.47 0.01	51.23 3.13 0.01	41.59 2.54 0.01	39.50 2.13 0.01	35.97 1.91 -0.01
NYPA_HARLEM_RVR_GT2 24161	37.29 2.14 -0.01	36.33 1.93 -0.01	35.26 1.68 -0.01	34.95 1.66 -0.01	35.20 1.64 -0.01	40.70 1.79 -0.01	56.88 2.66 0.01	70.43 3.67 0.01	54.39 3.18 0.01	42.11 2.50 0.01	39.00 2.07 0.01	36.39 1.99 0.01	34.82 2.00 0.01	33.70 1.88 0.01	33.85 1.98 0.01	35.12 1.93 0.01	37.42 1.98 0.01	42.18 2.39 0.01	47.28 2.93 0.01	56.93 3.47 0.01	51.23 3.13 0.01	41.59 2.54 0.01	39.50 2.13 0.01	35.97 1.91 -0.01
NYPA_KENT____GT 24152	46.96 2.50 -9.32	45.85 2.23 -9.22	45.03 1.98 -9.47	45.19 1.93 -9.98	45.70 1.95 -10.20	47.97 2.14 -6.93	57.43 3.20 0.00	71.04 4.28 0.00	58.30 3.48 -3.60	63.19 2.73 -20.84	64.11 2.29 -24.88	54.81 2.20 -18.21	55.64 2.17 -20.65	68.13 2.04 -34.26	58.71 2.14 -24.70	68.05 2.06 -32.78	66.76 2.16 -29.16	65.15 2.63 -22.73	60.39 3.20 -12.84	64.31 3.90 -6.95	56.34 3.42 -4.81	53.20 2.77 -11.36	48.63 2.39 -8.85	46.40 2.21 -10.13
NYPA_POUCH1____GT 24155	53.43 2.53 -15.76	52.74 2.27 -16.07	52.15 2.05 -16.52	52.14 2.00 -16.87	52.77 1.98 -17.24	52.80 2.18 -11.72	57.43 3.20 0.00	70.90 4.14 0.00	59.80 3.33 -5.25	68.20 2.61 -25.96	69.40 2.14 -30.32	61.69 2.06 -25.23	63.05 2.07 -28.15	75.82 1.94 -42.05	66.96 2.04 -33.04	56.17 1.93 -21.04	56.50 2.05 -19.00	57.42 2.47 -15.15	57.45 3.02 -10.07	68.14 3.90 -10.78	58.89 3.32 -7.46	59.37 2.69 -17.62	54.77 2.43 -14.96	53.42 2.25 -17.11
NYPA_VERNON____GT2 24162	40.38 2.35 -2.89	38.86 2.10 -2.37	37.89 1.88 -2.43	38.20 1.83 -3.09	38.53 1.81 -3.16	43.03 1.98 -2.15	57.27 3.04 0.00	70.84 4.07 0.00	56.54 3.38 -1.95	57.98 2.65 -15.71	58.60 2.22 -19.44	47.72 2.13 -11.18	48.07 2.10 -13.14	60.27 1.97 -26.47	50.30 2.07 -16.35	60.71 1.99 -25.51	60.10 2.09 -22.57	59.78 2.55 -17.43	56.64 3.10 -9.17	60.26 3.69 -3.11	53.59 3.32 -2.17	46.86 2.69 -5.11	42.44 2.32 -2.74	39.28 2.08 -3.14
NYPA_VERNON____GT3 24163	40.38 2.35 -2.89	38.86 2.10 -2.37	37.89 1.88 -2.43	38.20 1.83 -3.09	38.53 1.81 -3.16	43.03 1.98 -2.15	57.27 3.04 0.00	70.84 4.07 0.00	56.54 3.38 -1.95	57.98 2.65 -15.71	58.60 2.22 -19.44	47.72 2.13 -11.18	48.07 2.10 -13.14	60.27 1.97 -26.47	50.30 2.07 -16.35	60.71 1.99 -25.51	60.10 2.09 -22.57	59.78 2.55 -17.43	56.64 3.10 -9.17	60.26 3.69 -3.11	53.59 3.32 -2.17	46.86 2.69 -5.11	42.44 2.32 -2.74	39.28 2.08 -3.14
NYPA____ASTORIA_CC1 323568	38.08 2.35 -0.58	36.51 2.10 -0.01	35.43 1.85 -0.01	35.73 1.83 -0.62	36.00 1.81 -0.64	41.32 1.98 -0.44	57.21 2.98 0.00	70.70 3.94 0.00	55.73 3.33 -1.19	54.22 2.61 -11.99	54.22 2.18 -15.10	44.04 2.10 -7.54	44.00 2.10 -9.08	54.22 1.94 -20.45	45.51 2.04 -11.59	54.98 1.99 -19.78	54.98 2.09 -17.45	55.73 2.51 -13.42	54.22 3.06 -6.80	58.64 3.64 -1.54	52.51 3.32 -1.08	44.26 2.66 -2.54	40.21 2.28 -0.55	36.77 2.08 -0.63
NYPA____ASTORIA_CC2 323569	38.08 2.35 -0.58	36.51 2.10 -0.01	35.43 1.85 -0.01	35.73 1.83 -0.62	36.00 1.81 -0.64	41.32 1.98 -0.44	57.21 2.98 0.00	70.70 3.94 0.00	55.73 3.33 -1.19	54.22 2.61 -11.99	54.22 2.18 -15.10	44.04 2.10 -7.54	44.00 2.10 -9.08	54.22 1.94 -20.45	45.51 2.04 -11.59	54.98 1.99 -19.78	54.98 2.09 -17.45	55.73 2.51 -13.42	54.22 3.06 -6.80	58.64 3.64 -1.54	52.51 3.32 -1.08	44.26 2.66 -2.54	40.21 2.28 -0.55	36.77 2.08 -0.63
NYPA____HOLTSVILL 23794	37.49 2.35 0.00	36.36 1.96 0.00	35.12 1.55 0.00	34.78 1.50 0.00	35.10 1.54 0.00	41.08 2.18 0.00	57.71 3.47 0.00	71.41 4.21 -0.43	54.51 3.28 -0.01	48.79 2.61 -6.56	39.05 2.10 -0.01	37.35 1.99 -0.96	34.77 1.94 -0.01	33.49 1.65 0.00	37.05 1.94 -3.22	34.74 1.53 0.00	37.25 1.81 0.00	42.31 2.51 0.00	47.96 3.59 -0.01	57.64 4.17 0.00	51.87 3.76 0.00	45.78 3.16 -3.56	40.00 2.62 0.00	36.17 2.11 0.00
NYPA____HELLGATE_GT1 24158	37.29 2.14 -0.01	36.33 1.93 -0.01	35.26 1.68 -0.01	34.95 1.66 -0.01	35.20 1.64 -0.01	40.70 1.79 -0.01	56.88 2.66 0.01	70.43 3.67 0.01	54.39 3.18 0.01	42.11 2.50 0.01	39.00 2.07 0.01	36.39 1.99 0.01	34.82 2.00 0.01	33.70 1.88 0.01	33.85 1.98 0.01	35.12 1.93 0.01	37.42 1.98 0.01	42.18 2.39 0.01	47.28 2.93 0.01	56.93 3.47 0.01	51.23 3.13 0.01	41.59 2.54 0.01	39.50 2.13 0.01	35.97 1.91 -0.01
NYPA____HELLGATE_GT2 24159	37.29 2.14 -0.01	36.33 1.93 -0.01	35.26 1.68 -0.01	34.95 1.66 -0.01	35.20 1.64 -0.01	40.70 1.79 -0.01	56.88 2.66 0.01	70.43 3.67 0.01	54.39 3.18 0.01	42.11 2.50 0.01	39.00 2.07 0.01	36.39 1.99 0.01	34.82 2.00 0.01	33.70 1.88 0.01	33.85 1.98 0.01	35.12 1.93 0.01	37.42 1.98 0.01	42.18 2.39 0.01	47.28 2.93 0.01	56.93 3.47 0.01	51.23 3.13 0.01	41.59 2.54 0.01	39.50 2.13 0.01	35.97 1.91 -0.01
NYS_BARGE____HYD 23848	33.66 -1.47 0.00	33.09 -1.31 0.00	32.57 -1.01 0.00	32.11 -1.17 0.00	32.48 -1.08 0.00	37.65 -1.25 0.00	51.96 -2.28 0.00	62.89 -3.87 0.00	48.25 -2.97 0.00	37.68 -1.94 0.00	35.28 -1.66 0.00	32.78 -1.62 0.00	30.96 -1.87 0.00	30.30 -1.53 0.00	30.16 -1.72 0.00	31.75 -1.46 0.00	33.74 -1.70 0.00	37.33 -2.47 0.00	41.39 -2.97 0.00	49.51 -3.96 0.00	44.55 -3.56 0.00	35.86 -3.20 0.00	34.76 -2.62 0.00	31.85 -2.21 0.00

OAK ORCHARD___HYD 24046	34.47 -0.67 0.00	33.81 -0.58 0.00	33.21 -0.37 0.00	32.81 -0.47 0.00	33.12 -0.44 0.00	38.44 -0.47 0.00	53.26 -0.97 0.00	65.10 -1.67 0.00	49.89 -1.33 0.00	38.83 -0.79 0.00	36.34 -0.59 0.00	33.78 -0.62 0.00	32.01 -0.82 0.00	31.23 -0.61 0.00	31.15 -0.73 0.00	32.67 -0.53 0.00	34.81 -0.64 0.00	38.76 -1.04 0.00	43.07 -1.29 0.00	51.70 -1.76 0.00	46.57 -1.54 0.00	37.66 -1.40 0.00	36.26 -1.12 0.00	33.07 -0.99 0.00
OAKDALE___35_KV_LOAD 356122	35.28 0.14 0.00	34.57 0.17 0.00	33.78 0.20 0.00	33.45 0.17 0.00	33.72 0.17 0.00	39.13 0.23 0.00	54.50 0.27 0.00	66.96 0.20 0.00	51.17 -0.05 0.00	39.58 -0.04 0.00	36.86 -0.07 0.00	34.33 -0.07 0.00	32.66 -0.16 0.00	31.77 -0.06 0.00	31.75 -0.13 0.00	33.21 0.00 0.00	35.44 0.00 0.00	39.76 -0.04 0.00	44.18 -0.18 0.00	53.30 -0.16 0.00	47.87 -0.24 0.00	38.71 -0.35 0.00	37.12 -0.26 0.00	33.82 -0.24 0.00
OCC_CHEM___DRP 24175	33.38 -1.76 0.00	32.82 -1.58 0.00	32.24 -1.34 0.00	31.78 -1.50 0.00	32.14 -1.41 0.00	37.34 -1.56 0.00	51.36 -2.87 0.00	61.62 -5.14 0.00	47.73 -3.48 0.00	37.08 -2.54 0.00	34.83 -2.11 0.00	32.54 -1.86 0.00	30.69 -2.13 0.00	30.11 -1.72 0.00	30.00 -1.88 0.00	31.48 -1.73 0.00	33.25 -2.20 0.00	36.89 -2.91 0.00	40.72 -3.64 0.00	48.97 -4.49 0.00	44.07 -4.04 0.00	35.43 -3.63 0.00	34.39 -2.99 0.00	31.54 -2.52 0.00
OH_GEN_PROXY 24063	33.59 -1.55 0.00	33.02 -1.38 0.00	32.47 -1.11 0.00	31.98 -1.30 0.00	32.28 -1.27 0.00	37.46 -1.44 0.00	51.63 -2.60 0.00	62.56 -4.20 0.00	47.99 -3.23 0.00	37.52 -2.10 0.00	35.16 -1.77 0.00	32.68 -1.72 0.00	30.89 -1.94 0.00	30.21 -1.62 0.00	30.29 -1.82 -0.22	31.36 -1.63 0.22	33.56 -1.88 0.00	35.87 -2.63 1.30	42.51 -3.15 -1.30	49.29 -4.17 0.00	44.41 -3.70 0.00	35.78 -3.28 0.00	34.69 -2.69 0.00	31.81 -2.25 0.00
OLIN_CORP_DRP 24177	33.31 -1.83 0.00	32.71 -1.69 0.00	32.17 -1.41 0.00	31.71 -1.56 0.00	32.08 -1.48 0.00	37.31 -1.59 0.00	51.30 -2.93 0.00	61.56 -5.21 0.00	47.68 -3.53 0.00	37.05 -2.58 0.00	34.76 -2.18 0.00	32.47 -1.93 0.00	30.59 -2.23 0.00	30.05 -1.78 0.00	29.94 -1.94 0.00	31.41 -1.79 0.00	33.21 -2.23 0.00	36.85 -2.95 0.00	40.63 -3.73 0.00	48.92 -4.54 0.00	44.02 -4.09 0.00	35.39 -3.67 0.00	34.31 -3.07 0.00	31.47 -2.59 0.00
OLIN_CORP_DSASP 323712	33.38 -1.76 0.00	32.78 -1.62 0.00	32.23 -1.34 0.00	31.78 -1.50 0.00	32.11 -1.44 0.00	37.23 -1.67 0.00	51.25 -2.98 0.00	61.96 -4.81 0.00	47.53 -3.69 0.00	37.20 -2.42 0.00	34.91 -2.03 0.00	32.44 -1.96 0.00	30.66 -2.17 0.00	29.99 -1.85 0.00	29.84 -2.04 0.00	31.38 -1.83 0.00	33.35 -2.09 0.00	36.86 -2.94 0.00	40.81 -3.55 0.00	48.81 -4.65 0.00	43.92 -4.19 0.00	35.43 -3.63 0.00	34.39 -2.99 0.00	31.57 -2.48 0.00
ONEIDA_HERK_LFGE 323681	35.42 0.28 0.00	35.62 0.31 -0.92	34.81 0.34 -0.90	34.51 0.33 -0.90	34.72 0.40 -0.76	39.56 0.66 0.00	55.70 1.46 0.00	68.75 1.94 -0.05	52.29 1.08 0.00	40.06 0.44 0.00	37.23 0.29 0.00	34.61 0.21 0.00	32.99 0.16 0.00	31.99 0.16 0.00	32.07 0.19 0.00	33.57 0.37 0.00	35.87 0.43 0.00	40.43 0.63 0.00	45.20 0.84 0.00	54.59 1.12 0.00	49.07 0.96 0.00	39.72 0.66 0.00	38.05 0.67 0.00	34.40 0.34 0.00
ONEIDA___115KV_TB4 55905	35.98 0.84 0.00	35.26 0.86 0.00	34.45 0.87 0.00	34.14 0.87 0.00	34.46 0.91 0.00	40.07 1.17 0.00	56.13 1.90 0.00	69.10 2.34 0.00	52.65 1.43 0.00	40.41 0.79 0.00	37.60 0.66 0.00	34.92 0.52 0.00	33.29 0.46 0.00	32.31 0.48 0.00	32.39 0.51 0.00	33.90 0.70 0.00	36.19 0.74 0.00	40.76 0.96 0.00	45.51 1.15 0.00	54.96 1.50 0.00	49.36 1.25 0.00	39.96 0.90 0.00	38.28 0.90 0.00	34.71 0.65 0.00
ONONDAGA_REF_OCCRA 23987	35.10 -0.04 0.00	34.40 0.00 0.00	33.58 0.00 0.00	33.28 0.00 0.00	33.55 0.00 0.00	38.94 0.04 0.00	54.23 0.00 0.00	66.70 -0.07 0.00	51.06 -0.15 0.00	39.50 -0.12 0.00	36.94 0.00 0.00	34.36 -0.03 0.00	32.70 -0.13 0.00	31.77 -0.06 0.00	31.79 -0.10 0.00	33.24 0.03 0.00	35.44 0.00 0.00	39.72 -0.08 0.00	44.14 -0.22 0.00	53.25 -0.21 0.00	47.87 -0.24 0.00	38.75 -0.31 0.00	37.12 -0.26 0.00	33.82 -0.24 0.00
ONONDAGA___COGEN 23986	35.14 0.00 0.00	34.43 0.03 0.00	33.65 0.07 0.00	33.35 0.07 0.00	33.62 0.07 0.00	38.98 0.08 0.00	54.29 0.05 0.00	66.76 0.00 0.00	51.12 -0.10 0.00	39.58 -0.04 0.00	37.01 0.07 0.00	34.43 0.03 0.00	32.76 -0.07 0.00	31.83 0.00 0.00	31.85 -0.03 0.00	33.31 0.10 0.00	35.51 0.07 0.00	39.76 -0.04 0.00	44.18 -0.18 0.00	53.25 -0.21 0.00	47.87 -0.24 0.00	38.75 -0.31 0.00	37.16 -0.22 0.00	33.86 -0.20 0.00
ONTARIO___LFGE 23819	35.17 0.04 0.00	34.50 0.10 0.00	33.82 0.24 0.00	33.51 0.23 0.00	33.82 0.27 0.00	39.37 0.47 0.00	54.66 0.43 0.00	67.03 0.27 0.00	51.32 0.10 0.00	39.74 0.12 0.00	37.01 0.07 0.00	34.40 0.00 0.00	32.63 -0.20 0.00	31.77 -0.06 0.00	31.69 -0.19 0.00	33.27 0.07 0.00	35.55 0.11 0.00	39.84 0.04 0.00	44.18 -0.18 0.00	52.93 -0.53 0.00	47.78 -0.33 0.00	38.51 -0.55 0.00	36.93 -0.45 0.00	33.62 -0.44 0.00
ORANGEVILLE_WT_PWR 323706	33.59 -1.55 0.00	33.13 -1.27 0.00	32.64 -0.94 0.00	32.38 -0.90 0.00	32.78 -0.77 0.00	38.16 -0.74 0.00	52.99 -1.25 0.00	64.43 -2.34 0.00	49.07 -2.15 0.00	38.16 -1.47 0.00	35.61 -1.33 0.00	33.16 -1.24 0.00	31.42 -1.41 0.00	30.65 -1.18 0.00	30.51 -1.37 0.00	32.08 -1.13 0.00	34.13 -1.31 0.00	38.01 -1.79 0.00	42.10 -2.26 0.00	50.36 -3.10 0.00	45.03 -3.08 0.00	36.17 -2.89 0.00	34.69 -2.69 0.00	31.64 -2.42 0.00
ORANGEVILLE___ESR 323794	33.59 -1.55 0.00	33.13 -1.27 0.00	32.64 -0.94 0.00	32.38 -0.90 0.00	32.78 -0.77 0.00	38.16 -0.74 0.00	52.99 -1.25 0.00	64.43 -2.34 0.00	49.07 -2.15 0.00	38.16 -1.47 0.00	35.61 -1.33 0.00	33.16 -1.24 0.00	31.42 -1.41 0.00	30.65 -1.18 0.00	30.51 -1.37 0.00	32.08 -1.13 0.00	34.13 -1.31 0.00	38.01 -1.79 0.00	42.10 -2.26 0.00	50.36 -3.10 0.00	45.03 -3.08 0.00	36.17 -2.89 0.00	34.69 -2.69 0.00	31.64 -2.42 0.00
OSWEGATCHIE___HYD 24044	33.63 -1.51 0.00	37.39 -1.38 -4.37	36.60 -1.28 -4.30	36.36 -1.20 -4.28	36.03 -1.18 -3.65	37.89 -1.01 0.00	53.47 -0.76 0.00	66.06 -0.93 -0.23	50.09 -1.13 0.00	38.35 -1.27 0.00	35.75 -1.18 0.00	33.26 -1.13 0.00	31.77 -1.05 0.00	30.81 -1.02 0.00	30.89 -0.99 0.00	32.28 -0.93 0.00	34.45 -0.99 0.00	38.92 -0.88 0.00	43.43 -0.93 0.00	52.50 -0.96 0.00	47.29 -0.82 0.00	38.28 -0.78 0.00	36.67 -0.71 0.00	33.14 -0.92 0.00
OSWEGO___5 23606	34.47 -0.67 0.00	33.78 -0.62 0.00	33.01 -0.57 0.00	32.71 -0.57 0.00	32.98 -0.57 0.00	38.20 -0.70 0.00	53.09 -1.14 0.00	65.29 -1.47 0.00	49.99 -1.23 0.00	38.75 -0.87 0.00	36.23 -0.70 0.00	33.74 -0.65 0.00	32.14 -0.69 0.00	31.20 -0.64 0.00	31.21 -0.67 0.00	32.61 -0.60 0.00	34.81 -0.64 0.00	38.92 -0.88 0.00	43.29 -1.07 0.00	52.13 -1.33 0.00	46.91 -1.20 0.00	38.08 -0.97 0.00	36.52 -0.86 0.00	33.31 -0.75 0.00

OSWEGO___6 23613	34.47 -0.67 0.00	33.78 -0.62 0.00	33.01 -0.57 0.00	32.71 -0.57 0.00	32.98 -0.57 0.00	38.20 -0.70 0.00	53.09 -1.14 0.00	65.29 -1.47 0.00	49.99 -1.23 0.00	38.75 -0.87 0.00	36.23 -0.70 0.00	33.74 -0.65 0.00	32.14 -0.69 0.00	31.20 -0.64 0.00	31.21 -0.67 0.00	32.61 -0.60 0.00	34.81 -0.64 0.00	38.92 -0.88 0.00	43.29 -1.07 0.00	52.13 -1.33 0.00	46.91 -1.20 0.00	38.08 -0.97 0.00	36.52 -0.86 0.00	33.31 -0.75 0.00
OUTOKUMPU-AB___DRP 24206	34.01 -1.12 0.00	33.44 -0.96 0.00	32.91 -0.67 0.00	32.45 -0.83 0.00	32.85 -0.70 0.00	38.16 -0.74 0.00	52.60 -1.63 0.00	63.16 -3.61 0.00	48.91 -2.30 0.00	37.96 -1.66 0.00	35.61 -1.33 0.00	33.23 -1.17 0.00	31.32 -1.51 0.00	30.78 -1.05 0.00	30.67 -1.21 0.00	32.18 -1.03 0.00	34.02 -1.42 0.00	37.77 -2.03 0.00	41.61 -2.75 0.00	50.09 -3.37 0.00	44.98 -3.13 0.00	36.17 -2.89 0.00	35.02 -2.35 0.00	32.08 -1.98 0.00
OXBOW___BTM 323836	33.63 -1.51 0.00	33.06 -1.34 0.00	32.54 -1.04 0.00	32.05 -1.23 0.00	32.41 -1.14 0.00	37.58 -1.32 0.00	51.79 -2.44 0.00	62.69 -4.07 0.00	48.09 -3.13 0.00	37.64 -1.98 0.00	35.24 -1.70 0.00	32.75 -1.65 0.00	30.92 -1.90 0.00	30.30 -1.53 0.00	30.13 -1.75 0.00	31.71 -1.49 0.00	33.71 -1.74 0.00	37.25 -2.55 0.00	41.25 -3.11 0.00	49.29 -4.17 0.00	44.36 -3.75 0.00	35.74 -3.32 0.00	34.69 -2.69 0.00	31.78 -2.28 0.00
OXBOW____ 24026	33.66 -1.48 0.00	33.06 -1.34 0.00	32.54 -1.04 0.00	32.08 -1.20 0.00	32.45 -1.11 0.00	37.69 -1.21 0.00	51.90 -2.33 0.00	62.36 -4.41 0.00	48.30 -2.92 0.00	37.48 -2.14 0.00	35.20 -1.74 0.00	32.85 -1.55 0.00	30.96 -1.87 0.00	30.43 -1.40 0.00	30.29 -1.59 0.00	31.81 -1.39 0.00	33.60 -1.84 0.00	37.29 -2.51 0.00	41.12 -3.24 0.00	49.45 -4.01 0.00	44.50 -3.61 0.00	35.74 -3.32 0.00	34.65 -2.73 0.00	31.78 -2.28 0.00
OXY_CHEM_DSASP 323612	33.38 -1.76 0.00	32.82 -1.58 0.00	32.24 -1.34 0.00	31.78 -1.50 0.00	32.14 -1.41 0.00	37.34 -1.56 0.00	51.36 -2.87 0.00	61.62 -5.14 0.00	47.73 -3.48 0.00	37.08 -2.54 0.00	34.83 -2.11 0.00	32.54 -1.86 0.00	30.69 -2.13 0.00	30.11 -1.72 0.00	30.00 -1.88 0.00	31.48 -1.73 0.00	33.25 -2.20 0.00	36.89 -2.91 0.00	40.72 -3.64 0.00	48.97 -4.49 0.00	44.07 -4.04 0.00	35.43 -3.63 0.00	34.39 -2.99 0.00	31.54 -2.52 0.00
OZONE_PARK_ESR 323760	37.46 2.32 0.00	36.46 2.06 0.00	35.43 1.85 0.00	35.08 1.80 0.00	35.36 1.81 0.00	40.85 1.95 0.00	57.05 2.82 0.00	70.77 4.01 0.00	54.39 3.18 0.00	42.20 2.58 0.00	39.08 2.14 0.00	36.39 2.00 0.00	34.86 2.04 0.00	33.77 1.94 0.00	33.89 2.01 0.00	35.13 1.93 0.00	37.50 2.06 0.00	42.31 2.51 0.00	47.38 3.02 0.00	56.99 3.53 0.00	51.33 3.22 0.00	41.79 2.73 0.00	39.73 2.35 0.00	36.17 2.11 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	33.38 -1.76 0.00	32.82 -1.58 0.00	32.24 -1.34 0.00	31.78 -1.50 0.00	32.14 -1.41 0.00	37.34 -1.56 0.00	51.36 -2.87 0.00	61.62 -5.14 0.00	47.73 -3.48 0.00	37.08 -2.54 0.00	34.83 -2.11 0.00	32.54 -1.86 0.00	30.69 -2.13 0.00	30.11 -1.72 0.00	30.00 -1.88 0.00	31.48 -1.73 0.00	33.25 -2.20 0.00	36.89 -2.91 0.00	40.72 -3.64 0.00	48.97 -4.49 0.00	44.07 -4.04 0.00	35.43 -3.63 0.00	34.39 -2.99 0.00	31.54 -2.52 0.00
PACKARD___115KV_DUPONT_184 80571	33.38 -1.76 0.00	32.82 -1.58 0.00	32.24 -1.34 0.00	31.78 -1.50 0.00	32.14 -1.41 0.00	37.34 -1.56 0.00	51.36 -2.87 0.00	61.62 -5.14 0.00	47.73 -3.48 0.00	37.08 -2.54 0.00	34.83 -2.11 0.00	32.54 -1.86 0.00	30.69 -2.13 0.00	30.11 -1.72 0.00	30.00 -1.88 0.00	31.48 -1.73 0.00	33.25 -2.20 0.00	36.89 -2.91 0.00	40.72 -3.64 0.00	48.97 -4.49 0.00	44.07 -4.04 0.00	35.43 -3.63 0.00	34.39 -2.99 0.00	31.54 -2.52 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	37.25 2.11 -0.01	36.30 1.89 -0.01	35.27 1.68 -0.01	34.88 1.60 -0.01	35.17 1.61 -0.01	40.62 1.71 -0.01	56.62 2.39 0.00	70.17 3.40 0.00	54.03 2.82 0.01	41.91 2.30 0.01	38.85 1.92 0.01	36.15 1.75 0.01	34.66 1.84 0.01	33.54 1.72 0.01	33.66 1.79 0.01	34.89 1.69 0.01	37.24 1.81 0.01	41.98 2.19 0.01	47.06 2.71 0.01	56.56 3.10 0.01	50.99 2.89 0.01	41.51 2.46 0.01	39.46 2.09 0.01	35.98 1.91 -0.01
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	37.47 2.32 -0.01	36.50 2.10 -0.01	35.47 1.88 -0.01	35.08 1.80 -0.01	35.37 1.81 -0.01	40.85 1.95 -0.01	56.94 2.71 0.00	70.50 3.74 0.00	54.23 3.02 0.01	42.07 2.46 0.01	38.92 1.99 0.01	36.32 1.93 0.01	34.69 1.87 0.01	33.57 1.75 0.01	33.69 1.82 0.01	34.93 1.73 0.01	37.28 1.84 0.01	42.06 2.27 0.01	47.15 2.79 0.01	56.66 3.21 0.01	51.13 3.03 0.01	41.63 2.58 0.01	39.58 2.21 0.01	36.08 2.01 -0.01
PATROON___115KV_TB1 80586	36.75 1.62 0.00	35.95 1.55 0.00	34.99 1.41 0.00	34.64 1.36 0.00	34.93 1.38 0.00	40.46 1.56 0.00	56.35 2.12 0.00	69.43 2.67 0.00	53.01 1.79 0.00	40.93 1.31 0.00	37.97 1.03 0.00	35.36 0.96 0.00	33.78 0.95 0.00	32.50 0.67 0.00	32.42 0.54 0.00	33.61 0.40 0.00	35.90 0.46 0.00	40.24 0.44 0.00	45.11 0.75 0.00	54.37 0.91 0.00	48.93 0.82 0.00	39.88 0.82 0.00	38.13 0.75 0.00	34.88 0.82 0.00
PATTRSNVILLE___SOLAR 323815	36.96 1.83 0.00	36.15 1.75 0.00	35.22 1.64 0.00	34.88 1.60 0.00	35.13 1.58 0.00	40.81 1.91 0.00	57.00 2.76 0.00	70.10 3.34 0.00	53.32 2.10 0.00	40.85 1.23 0.00	37.86 0.92 0.00	35.22 0.82 0.00	33.68 0.85 0.00	32.59 0.76 0.00	32.71 0.83 0.00	34.17 0.96 0.00	36.65 1.21 0.00	41.23 1.43 0.00	46.22 1.86 0.00	55.81 2.35 0.00	50.23 2.11 0.00	40.78 1.72 0.00	38.95 1.57 0.00	35.39 1.33 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	34.22 -0.91 0.00	33.64 -0.76 0.00	33.11 -0.47 0.00	32.68 -0.60 0.00	33.05 -0.50 0.00	38.39 -0.51 0.00	53.15 -1.08 0.00	64.03 -2.74 0.00	49.32 -1.90 0.00	38.27 -1.35 0.00	35.79 -1.15 0.00	33.40 -1.00 0.00	31.48 -1.35 0.00	30.94 -0.89 0.00	30.80 -1.08 0.00	32.31 -0.90 0.00	34.20 -1.24 0.00	38.05 -1.75 0.00	41.88 -2.48 0.00	50.52 -2.94 0.00	45.32 -2.79 0.00	36.36 -2.70 0.00	35.14 -2.24 0.00	32.25 -1.81 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	37.25 2.11 0.00	36.36 1.96 0.00	35.29 1.71 0.00	34.91 1.63 0.00	35.20 1.64 0.00	40.65 1.75 0.00	56.83 2.60 0.00	70.44 3.67 0.00	53.88 2.66 0.00	41.72 2.10 0.00	38.64 1.70 0.00	35.91 1.51 0.00	34.37 1.54 0.00	33.26 1.43 0.00	33.48 1.59 0.00	34.77 1.56 0.00	37.11 1.67 0.00	41.79 1.99 0.00	46.75 2.40 0.00	56.51 3.05 0.00	50.80 2.69 0.00	41.33 2.27 0.00	39.40 2.02 0.00	35.83 1.77 0.00
PEEKSKILL____ 23653	36.82 1.69 0.00	35.91 1.51 0.00	34.89 1.31 0.00	34.54 1.26 0.00	34.76 1.21 0.00	40.22 1.32 0.00	56.34 2.11 0.00	69.77 3.01 0.00	53.52 2.31 0.00	41.44 1.82 0.00	38.38 1.44 0.00	35.78 1.38 0.00	34.20 1.38 0.00	33.07 1.24 0.00	33.22 1.34 0.00	34.47 1.26 0.00	36.82 1.38 0.00	41.51 1.71 0.00	46.49 2.13 0.00	56.13 2.67 0.00	50.47 2.36 0.00	40.93 1.87 0.00	38.99 1.61 0.00	35.46 1.40 0.00

PGE MADISON___WINDPWR 24146	37.28 2.14 0.00	36.60 2.20 0.00	35.73 2.15 0.00	35.54 2.26 0.00	35.94 2.38 0.00	42.01 3.11 0.00	59.44 5.21 0.00	73.50 6.74 0.00	55.47 4.25 0.00	42.04 2.42 0.00	38.86 1.92 0.00	36.05 1.65 0.00	34.30 1.48 0.00	33.33 1.50 0.00	33.51 1.63 0.00	35.47 2.26 0.00	37.89 2.44 0.00	42.91 3.11 0.00	47.91 3.55 0.00	57.79 4.33 0.00	51.58 3.47 0.00	41.52 2.46 0.00	39.77 2.39 0.00	35.97 1.91 0.00
PIERCEFIELD___HYD 23852	33.28 -1.86 0.00	39.14 -1.69 -6.42	38.32 -1.58 -6.32	38.10 -1.46 -6.29	37.48 -1.44 -5.37	37.54 -1.36 0.00	52.66 -1.57 0.00	65.17 -1.94 -0.34	49.63 -1.59 0.00	38.19 -1.43 0.00	35.72 -1.22 0.00	33.26 -1.14 0.00	31.81 -1.02 0.00	30.88 -0.95 0.00	30.92 -0.96 0.00	32.21 -1.00 0.00	34.38 -1.06 0.00	38.69 -1.11 0.00	43.12 -1.24 0.00	52.02 -1.44 0.00	46.91 -1.20 0.00	38.01 -1.05 0.00	36.41 -0.97 0.00	33.11 -0.95 0.00
PINELAWN_CC_1 323563	37.70 2.56 0.00	36.60 2.20 0.00	35.39 1.81 0.00	35.04 1.76 0.00	35.36 1.81 0.00	41.23 2.33 0.00	57.81 3.58 0.00	72.07 4.87 -0.43	54.96 3.74 -0.01	49.11 2.93 -6.56	39.38 2.44 -0.01	37.66 2.31 -0.96	35.07 2.23 -0.01	33.77 1.94 0.00	37.30 2.20 -3.22	35.00 1.79 0.00	37.50 2.05 0.00	42.54 2.74 0.00	48.05 3.68 -0.01	57.68 4.22 0.00	51.87 3.76 0.00	45.82 3.20 -3.56	40.11 2.73 0.00	36.34 2.28 0.00
PJM_GEN_HTP_PROXY 323702	37.25 2.11 0.00	36.25 1.86 0.00	35.19 1.61 0.00	34.84 1.56 0.00	35.13 1.58 0.00	40.61 1.71 0.00	56.89 2.66 0.00	70.43 3.67 0.00	54.24 3.02 0.00	42.00 2.38 0.00	38.89 1.96 0.00	36.29 1.89 0.00	34.70 1.87 0.00	33.58 1.75 0.00	33.92 1.82 -0.22	34.74 1.76 0.22	37.28 1.84 0.00	40.73 2.23 1.30	48.41 2.75 -1.30	56.83 3.37 0.00	51.09 2.98 0.00	41.44 2.38 0.00	39.40 2.02 0.00	35.90 1.84 0.00
PJM_GEN_KEystone 24065	35.35 0.21 0.00	34.57 0.17 0.00	33.78 0.20 0.00	33.41 0.13 0.00	33.62 0.07 0.00	38.94 0.04 0.00	54.34 0.11 0.00	66.76 0.00 0.00	51.06 -0.15 0.00	39.70 0.08 0.00	36.90 -0.04 0.00	34.33 -0.07 0.00	32.70 -0.13 0.00	31.77 -0.06 0.00	31.98 -0.13 -0.22	32.89 -0.10 0.22	35.30 -0.14 0.00	38.26 -0.24 1.30	45.48 -0.18 -1.30	53.20 -0.27 0.00	47.82 -0.29 0.00	38.63 -0.43 0.00	36.97 -0.41 0.00	33.75 -0.31 0.00
PJM_GEN_NEPTUNE_PROXY 323594	37.39 2.25 0.00	36.32 1.93 0.00	35.19 1.61 0.00	34.81 1.53 0.00	35.13 1.58 0.00	40.84 1.94 0.00	57.21 2.98 0.00	71.74 4.54 -0.43	54.76 3.53 -0.01	48.95 2.77 -6.56	39.31 2.37 -0.01	37.59 2.23 -0.96	35.00 2.17 -0.01	33.77 1.94 0.00	37.46 2.14 -3.45	34.61 1.63 0.22	37.28 1.84 0.00	40.89 2.39 1.30	48.86 3.20 -1.31	57.10 3.64 0.00	51.38 3.27 0.00	43.74 2.77 -1.90	39.74 2.36 0.00	36.03 1.97 0.00
PJM_GEN_VFT_PROXY 323633	37.07 1.93 0.00	36.05 1.65 0.00	35.02 1.44 0.00	34.68 1.40 0.00	34.93 1.38 0.00	40.38 1.48 0.00	56.56 2.33 0.00	70.03 3.27 0.00	53.93 2.71 0.00	41.76 2.14 0.00	38.71 1.77 0.00	36.12 1.72 0.00	34.53 1.71 0.00	33.42 1.59 0.00	33.76 1.66 -0.22	34.58 1.59 0.22	37.11 1.67 0.00	40.57 2.07 1.30	48.23 2.57 -1.30	56.51 3.05 0.00	50.85 2.74 0.00	41.29 2.23 0.00	39.21 1.83 0.00	35.73 1.67 0.00
PLATSBURG_115KV_PMLD1 355749	33.59 -1.55 0.00	-6.13 -1.38 39.15	-6.20 -1.28 38.50	-6.25 -1.20 38.33	-0.37 -1.21 32.72	37.81 -1.09 0.00	52.60 -1.63 0.00	62.36 -2.34 2.07	50.30 -0.92 0.00	39.07 -0.55 0.00	36.79 -0.15 0.00	34.43 0.03 0.00	32.99 0.16 0.00	31.99 0.16 0.00	32.04 0.16 0.00	33.34 0.13 0.00	35.66 0.21 0.00	40.20 0.40 0.00	44.80 0.44 0.00	54.10 0.64 0.00	48.78 0.67 0.00	39.49 0.43 0.00	37.79 0.41 0.00	34.71 0.65 0.00
PLEASANTVLY___LBMP 24000	36.79 1.65 0.00	35.84 1.44 0.00	34.89 1.31 0.00	34.51 1.23 0.00	34.79 1.24 0.00	40.22 1.32 0.00	56.13 1.90 0.00	69.43 2.67 0.00	53.22 2.00 0.00	41.25 1.62 0.00	38.19 1.26 0.00	35.53 1.14 0.00	34.01 1.18 0.00	32.91 1.08 0.00	33.03 1.15 0.00	34.27 1.06 0.00	36.65 1.21 0.00	41.27 1.47 0.00	46.31 1.95 0.00	55.76 2.30 0.00	50.23 2.12 0.00	40.90 1.84 0.00	38.95 1.57 0.00	35.46 1.40 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	37.04 1.90 0.00	36.12 1.72 0.00	35.09 1.51 0.00	34.74 1.46 0.00	35.00 1.44 0.00	40.46 1.56 0.00	56.51 2.28 0.00	70.04 3.27 0.00	53.68 2.46 0.00	41.64 2.02 0.00	38.56 1.63 0.00	35.88 1.48 0.00	34.37 1.54 0.00	33.26 1.43 0.00	33.41 1.53 0.00	34.64 1.43 0.00	37.04 1.59 0.00	41.75 1.95 0.00	46.75 2.40 0.00	56.30 2.83 0.00	50.66 2.55 0.00	41.29 2.23 0.00	39.29 1.91 0.00	35.73 1.67 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	37.04 1.90 0.00	36.12 1.72 0.00	35.09 1.51 0.00	34.74 1.46 0.00	35.00 1.44 0.00	40.46 1.56 0.00	56.51 2.28 0.00	70.04 3.27 0.00	53.68 2.46 0.00	41.64 2.02 0.00	38.56 1.63 0.00	35.88 1.48 0.00	34.37 1.54 0.00	33.26 1.43 0.00	33.41 1.53 0.00	34.64 1.43 0.00	37.04 1.59 0.00	41.75 1.95 0.00	46.75 2.40 0.00	56.30 2.83 0.00	50.66 2.55 0.00	41.29 2.23 0.00	39.29 1.91 0.00	35.73 1.67 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	36.90 1.76 0.00	36.02 1.62 0.00	35.02 1.44 0.00	34.64 1.36 0.00	34.89 1.34 0.00	40.38 1.48 0.00	56.35 2.12 0.00	69.63 2.87 0.00	53.32 2.10 0.00	41.32 1.70 0.00	38.27 1.33 0.00	35.57 1.17 0.00	34.04 1.21 0.00	32.91 1.08 0.00	33.06 1.18 0.00	34.34 1.13 0.00	36.75 1.31 0.00	41.39 1.59 0.00	46.40 2.04 0.00	55.92 2.46 0.00	50.32 2.21 0.00	40.97 1.91 0.00	39.10 1.72 0.00	35.56 1.50 0.00
POLETTI___ 23519	37.18 2.04 0.00	36.22 1.82 0.00	35.19 1.61 0.00	34.84 1.56 0.00	35.10 1.54 0.00	40.53 1.63 0.00	56.56 2.33 0.00	70.17 3.40 0.00	53.93 2.71 0.00	41.84 2.22 0.00	38.78 1.85 0.00	36.08 1.69 0.00	34.60 1.77 0.00	33.49 1.66 0.00	33.60 1.72 0.00	34.87 1.66 0.00	37.18 1.74 0.00	41.91 2.11 0.00	46.98 2.62 0.00	56.46 2.99 0.00	50.85 2.74 0.00	41.44 2.38 0.00	39.40 2.02 0.00	35.93 1.87 0.00
POMONA___ESR 323819	36.82 1.69 0.00	35.88 1.48 0.00	34.85 1.28 0.00	34.51 1.23 0.00	34.76 1.21 0.00	40.22 1.32 0.00	56.34 2.11 0.00	69.77 3.01 0.00	53.47 2.25 0.00	41.44 1.82 0.00	38.38 1.44 0.00	35.78 1.38 0.00	34.17 1.35 0.00	33.07 1.24 0.00	33.22 1.34 0.00	34.47 1.26 0.00	36.79 1.35 0.00	41.47 1.67 0.00	46.49 2.13 0.00	56.08 2.62 0.00	50.47 2.36 0.00	40.93 1.87 0.00	38.95 1.57 0.00	35.46 1.40 0.00
PORT_JEFF_3 23555	37.60 2.46 0.00	36.46 2.06 0.00	35.26 1.68 0.00	34.88 1.60 0.00	35.23 1.68 0.00	41.23 2.33 0.00	57.97 3.74 0.00	71.60 4.41 -0.43	54.71 3.48 -0.01	48.91 2.73 -6.56	39.16 2.22 -0.01	37.46 2.10 -0.96	34.87 2.04 -0.01	33.58 1.75 0.00	37.15 2.04 -3.22	34.87 1.66 0.00	37.36 1.91 0.00	42.47 2.67 0.00	48.18 3.82 -0.01	57.85 4.38 0.00	52.10 3.99 0.00	45.94 3.32 -3.56	40.15 2.77 0.00	36.27 2.21 0.00

PORT_JEFF_4 23616	37.60 2.46 0.00	36.46 2.06 0.00	35.26 1.68 0.00	34.88 1.60 0.00	35.23 1.68 0.00	41.23 2.33 0.00	57.97 3.74 0.00	71.60 4.41 -0.43	54.71 3.48 -0.01	48.91 2.73 -6.56	39.16 2.22 -0.01	37.46 2.10 -0.96	34.87 2.04 -0.01	33.58 1.75 0.00	37.15 2.04 -3.22	34.87 1.66 0.00	37.36 1.91 0.00	42.47 2.67 0.00	48.18 3.82 -0.01	57.85 4.38 0.00	52.10 3.99 0.00	45.94 3.32 -3.56	40.15 2.77 0.00	36.27 2.21 0.00
PORT_JEFF_IC 23713	37.49 2.35 0.00	36.46 2.06 0.00	35.36 1.78 0.00	34.84 1.56 0.00	35.20 1.64 0.00	41.20 2.30 0.00	57.32 3.09 0.00	71.26 4.07 -0.43	54.44 3.23 0.00	48.79 2.61 -6.55	39.04 2.11 0.00	37.31 1.96 -0.95	34.76 1.94 0.00	33.49 1.66 0.00	37.07 1.98 -3.22	34.73 1.53 0.00	37.29 1.84 0.00	42.31 2.51 0.00	48.00 3.64 0.00	57.63 4.17 0.00	51.67 3.56 0.00	45.93 3.32 -3.55	40.18 2.80 0.00	36.24 2.18 0.00
PPL PILGRIM_ST_GT1 24216	37.81 2.67 0.00	36.67 2.27 0.00	35.42 1.85 0.00	35.07 1.80 0.00	35.43 1.88 0.00	41.35 2.45 0.00	58.03 3.79 0.00	72.01 4.81 -0.43	54.96 3.74 -0.01	49.15 2.97 -6.56	39.42 2.48 -0.01	37.70 2.34 -0.96	35.10 2.26 -0.01	33.77 1.94 0.00	37.37 2.26 -3.22	35.03 1.83 0.00	37.57 2.13 0.00	42.63 2.83 0.00	48.22 3.86 -0.01	57.90 4.43 0.00	52.06 3.95 0.00	46.01 3.40 -3.56	40.26 2.88 0.00	36.44 2.38 0.00
PPL PILGRIM_ST_GT2 24217	37.81 2.67 0.00	36.67 2.27 0.00	35.42 1.85 0.00	35.07 1.80 0.00	35.43 1.88 0.00	41.35 2.45 0.00	58.03 3.79 0.00	72.01 4.81 -0.43	54.96 3.74 -0.01	49.15 2.97 -6.56	39.42 2.48 -0.01	37.70 2.34 -0.96	35.10 2.26 -0.01	33.77 1.94 0.00	37.37 2.26 -3.22	35.03 1.83 0.00	37.57 2.13 0.00	42.63 2.83 0.00	48.22 3.86 -0.01	57.90 4.43 0.00	52.06 3.95 0.00	46.01 3.40 -3.56	40.26 2.88 0.00	36.44 2.38 0.00
PPL_SHRM_GT3 24213	37.14 2.00 0.00	36.02 1.62 0.00	34.75 1.17 0.00	34.41 1.13 0.00	34.73 1.17 0.00	40.88 1.98 0.00	57.81 3.58 0.00	70.87 3.67 -0.43	53.94 2.71 -0.01	48.28 2.10 -6.56	38.53 1.59 -0.01	36.87 1.51 -0.96	34.35 1.51 -0.01	33.04 1.21 0.00	36.64 1.53 -3.22	34.34 1.13 0.00	36.82 1.38 0.00	41.91 2.11 0.00	47.87 3.50 -0.01	57.68 4.22 0.00	52.10 3.99 0.00	45.67 3.05 -3.56	39.88 2.50 0.00	35.86 1.80 0.00
PPL_SHRM_GT4 24214	37.14 2.00 0.00	36.02 1.62 0.00	34.75 1.17 0.00	34.41 1.13 0.00	34.73 1.17 0.00	40.88 1.98 0.00	57.81 3.58 0.00	70.87 3.67 -0.43	53.94 2.71 -0.01	48.28 2.10 -6.56	38.53 1.59 -0.01	36.87 1.51 -0.96	34.35 1.51 -0.01	33.04 1.21 0.00	36.64 1.53 -3.22	34.34 1.13 0.00	36.82 1.38 0.00	41.91 2.11 0.00	47.87 3.50 -0.01	57.68 4.22 0.00	52.10 3.99 0.00	45.67 3.05 -3.56	39.88 2.50 0.00	35.86 1.80 0.00
PROJECT___ORANGE 1 24174	35.03 -0.11 0.00	34.30 -0.10 0.00	33.51 -0.07 0.00	33.21 -0.07 0.00	33.49 -0.07 0.00	38.82 -0.08 0.00	54.07 -0.16 0.00	66.50 -0.27 0.00	50.96 -0.26 0.00	39.42 -0.20 0.00	36.86 -0.07 0.00	34.33 -0.07 0.00	32.66 -0.16 0.00	31.74 -0.10 0.00	31.75 -0.13 0.00	33.21 0.00 0.00	35.41 -0.04 0.00	39.60 -0.20 0.00	44.00 -0.35 0.00	53.03 -0.43 0.00	47.68 -0.43 0.00	38.63 -0.43 0.00	37.04 -0.34 0.00	33.72 -0.34 0.00
PROJECT___ORANGE 2 24166	35.03 -0.11 0.00	34.30 -0.10 0.00	33.51 -0.07 0.00	33.21 -0.07 0.00	33.49 -0.07 0.00	38.82 -0.08 0.00	54.07 -0.16 0.00	66.50 -0.27 0.00	50.96 -0.26 0.00	39.42 -0.20 0.00	36.86 -0.07 0.00	34.33 -0.07 0.00	32.66 -0.16 0.00	31.74 -0.10 0.00	31.75 -0.13 0.00	33.21 0.00 0.00	35.41 -0.04 0.00	39.60 -0.20 0.00	44.00 -0.35 0.00	53.03 -0.43 0.00	47.68 -0.43 0.00	38.63 -0.43 0.00	37.04 -0.34 0.00	33.72 -0.34 0.00
PUCKETT___SOLAR 323809	35.80 0.67 0.00	35.09 0.69 0.00	34.32 0.74 0.00	34.01 0.73 0.00	34.29 0.74 0.00	39.87 0.97 0.00	55.81 1.57 0.00	68.63 1.87 0.00	52.19 0.97 0.00	40.18 0.55 0.00	37.27 0.33 0.00	34.61 0.21 0.00	32.96 0.13 0.00	32.02 0.19 0.00	32.07 0.19 0.00	33.64 0.43 0.00	35.98 0.53 0.00	40.48 0.68 0.00	45.16 0.80 0.00	54.37 0.91 0.00	48.83 0.72 0.00	39.41 0.35 0.00	37.75 0.37 0.00	34.37 0.31 0.00
PYRITES___HYD 24023	34.12 -1.02 0.00	39.34 -0.83 -5.77	38.55 -0.71 -5.67	38.33 -0.60 -5.65	37.77 -0.60 -4.82	38.55 -0.35 0.00	54.12 -1.09 0.00	66.80 -0.27 -0.30	50.65 -0.56 0.00	38.87 -0.75 0.00	36.27 -0.66 0.00	33.78 -0.62 0.00	32.30 -0.53 0.00	31.32 -0.51 0.00	31.43 -0.45 0.00	32.74 -0.46 0.00	34.98 -0.46 0.00	39.48 -0.32 0.00	44.09 -0.27 0.00	53.30 -0.16 0.00	48.01 -0.10 0.00	38.86 -0.20 0.00	37.27 -0.11 0.00	33.86 -0.20 0.00
QUAKERRD_115KV_BK1 80622	33.91 -1.23 0.00	33.26 -1.14 0.00	32.60 -0.97 0.00	32.25 -1.03 0.00	32.55 -1.01 0.00	37.81 -1.09 0.00	52.44 -1.79 0.00	64.03 -2.74 0.00	49.32 -1.90 0.00	38.19 -1.43 0.00	35.79 -1.15 0.00	33.33 -1.07 0.00	31.58 -1.25 0.00	30.85 -0.99 0.00	30.80 -1.08 0.00	32.24 -0.96 0.00	34.27 -1.17 0.00	38.29 -1.51 0.00	42.36 -2.00 0.00	51.06 -2.41 0.00	45.99 -2.12 0.00	37.11 -1.95 0.00	35.70 -1.68 0.00	32.53 -1.53 0.00
QUENSBRY_115KV_TB8 356137	37.70 2.57 0.00	36.91 2.51 0.00	35.96 2.38 0.00	35.58 2.30 0.00	35.83 2.28 0.00	41.74 2.84 0.00	58.35 4.12 0.00	71.97 5.21 0.00	54.44 3.23 0.00	41.68 2.06 0.00	38.56 1.63 0.00	35.81 1.41 0.00	34.11 1.28 0.00	32.91 1.08 0.00	33.12 1.24 0.00	34.64 1.43 0.00	37.21 1.77 0.00	41.95 2.15 0.00	47.15 2.79 0.00	56.94 3.48 0.00	51.19 3.08 0.00	41.56 2.50 0.00	39.81 2.43 0.00	36.07 2.01 0.00
RAMAPO___LBMP 323565	36.65 1.51 0.00	35.74 1.34 0.00	34.72 1.14 0.00	34.38 1.10 0.00	34.63 1.07 0.00	39.99 1.09 0.00	55.86 1.63 0.00	69.23 2.47 0.00	53.01 1.79 0.00	41.13 1.51 0.00	38.12 1.18 0.00	35.47 1.07 0.00	33.94 1.12 0.00	32.85 1.02 0.00	32.96 1.08 0.00	34.20 1.00 0.00	36.54 1.10 0.00	41.19 1.39 0.00	46.13 1.77 0.00	55.60 2.14 0.00	50.08 1.97 0.00	40.74 1.68 0.00	38.80 1.42 0.00	35.29 1.23 0.00
RANKINE____ 23646	34.26 -0.88 0.00	33.68 -0.72 0.00	33.14 -0.44 0.00	32.71 -0.57 0.00	33.08 -0.47 0.00	38.47 -0.43 0.00	53.09 -1.14 0.00	63.89 -2.87 0.00	49.37 -1.84 0.00	38.31 -1.31 0.00	35.90 -1.03 0.00	33.50 -0.89 0.00	31.58 -1.25 0.00	31.04 -0.80 0.00	30.89 -0.99 0.00	32.41 -0.80 0.00	34.27 -1.17 0.00	38.09 -1.71 0.00	41.92 -2.44 0.00	50.52 -2.94 0.00	45.32 -2.79 0.00	36.40 -2.66 0.00	35.25 -2.13 0.00	32.29 -1.77 0.00
RAVENSWOOD_GT2_1 24244	37.21 2.07 0.00	36.26 1.86 0.00	35.22 1.65 0.00	34.88 1.60 0.00	35.16 1.61 0.00	40.61 1.71 0.00	56.67 2.44 0.00	70.30 3.54 0.00	53.98 2.77 0.00	41.92 2.30 0.00	38.82 1.88 0.00	36.15 1.75 0.00	34.63 1.81 0.00	33.52 1.69 0.00	33.63 1.75 0.00	34.87 1.66 0.00	37.25 1.81 0.00	41.99 2.19 0.00	47.02 2.66 0.00	56.56 3.10 0.00	50.95 2.84 0.00	41.52 2.46 0.00	39.47 2.09 0.00	35.93 1.87 0.00



RAVENSWOOD_GT2_2 24245	37.21 2.07 0.00	36.26 1.86 0.00	35.22 1.65 0.00	34.88 1.60 0.00	35.16 1.61 0.00	40.61 1.71 0.00	56.67 2.44 0.00	70.30 3.54 0.00	53.98 2.77 0.00	41.92 2.30 0.00	38.82 1.88 0.00	36.15 1.75 0.00	34.63 1.81 0.00	33.52 1.69 0.00	33.63 1.75 0.00	34.87 1.66 0.00	37.25 1.81 0.00	41.99 2.19 0.00	47.02 2.66 0.00	56.56 3.10 0.00	50.95 2.84 0.00	41.52 2.46 0.00	39.47 2.09 0.00	35.93 1.87 0.00
RAVENSWOOD_GT2_3 24246	37.25 2.11 0.00	36.29 1.89 0.00	35.22 1.65 0.00	34.88 1.60 0.00	35.16 1.61 0.00	40.61 1.71 0.00	56.73 2.49 0.00	70.30 3.54 0.00	54.03 2.82 0.00	41.92 2.30 0.00	38.86 1.92 0.00	36.15 1.75 0.00	34.66 1.84 0.00	33.55 1.72 0.00	33.67 1.79 0.00	34.90 1.69 0.00	37.25 1.81 0.00	41.99 2.19 0.00	47.07 2.71 0.00	56.56 3.10 0.00	51.00 2.89 0.00	41.52 2.46 0.00	39.47 2.09 0.00	35.97 1.91 0.00
RAVENSWOOD_GT2_4 24247	37.25 2.11 0.00	36.29 1.89 0.00	35.22 1.65 0.00	34.88 1.60 0.00	35.16 1.61 0.00	40.61 1.71 0.00	56.73 2.49 0.00	70.30 3.54 0.00	54.03 2.82 0.00	41.92 2.30 0.00	38.86 1.92 0.00	36.15 1.75 0.00	34.66 1.84 0.00	33.55 1.72 0.00	33.67 1.79 0.00	34.90 1.69 0.00	37.25 1.81 0.00	41.99 2.19 0.00	47.07 2.71 0.00	56.56 3.10 0.00	51.00 2.89 0.00	41.52 2.46 0.00	39.47 2.09 0.00	35.97 1.91 0.00
RAVENSWOOD_GT3_1 24248	37.25 2.11 0.00	36.26 1.86 0.00	35.22 1.65 0.00	34.88 1.60 0.00	35.16 1.61 0.00	40.61 1.71 0.00	56.67 2.44 0.00	70.30 3.54 0.00	54.03 2.82 0.00	41.92 2.30 0.00	38.82 1.88 0.00	36.15 1.75 0.00	34.63 1.81 0.00	33.52 1.69 0.00	33.67 1.79 0.00	34.90 1.69 0.00	37.25 1.81 0.00	41.99 2.19 0.00	47.02 2.66 0.00	56.56 3.10 0.00	50.95 2.84 0.00	41.52 2.46 0.00	39.47 2.09 0.00	35.97 1.91 0.00
RAVENSWOOD_GT3_2 24249	37.25 2.11 0.00	36.26 1.86 0.00	35.22 1.65 0.00	34.88 1.60 0.00	35.16 1.61 0.00	40.61 1.71 0.00	56.67 2.44 0.00	70.30 3.54 0.00	54.03 2.82 0.00	41.92 2.30 0.00	38.82 1.88 0.00	36.15 1.75 0.00	34.63 1.81 0.00	33.52 1.69 0.00	33.67 1.79 0.00	34.90 1.69 0.00	37.25 1.81 0.00	41.99 2.19 0.00	47.02 2.66 0.00	56.56 3.10 0.00	50.95 2.84 0.00	41.52 2.46 0.00	39.47 2.09 0.00	35.97 1.91 0.00
RAVENSWOOD_GT3_3 24250	37.28 2.14 0.00	36.32 1.93 0.00	35.26 1.68 0.00	34.91 1.63 0.00	35.20 1.64 0.00	40.65 1.75 0.00	56.78 2.55 0.00	70.37 3.61 0.00	54.09 2.87 0.00	42.00 2.38 0.00	38.89 1.96 0.00	36.19 1.79 0.00	34.70 1.87 0.00	33.58 1.75 0.00	33.70 1.82 0.00	34.93 1.73 0.00	37.29 1.84 0.00	42.07 2.27 0.00	47.11 2.75 0.00	56.67 3.21 0.00	51.05 2.93 0.00	41.56 2.50 0.00	39.51 2.13 0.00	36.00 1.94 0.00
RAVENSWOOD_GT3_4 24251	37.28 2.14 0.00	36.32 1.93 0.00	35.26 1.68 0.00	34.91 1.63 0.00	35.20 1.64 0.00	40.65 1.75 0.00	56.78 2.55 0.00	70.37 3.61 0.00	54.09 2.87 0.00	42.00 2.38 0.00	38.89 1.96 0.00	36.19 1.79 0.00	34.70 1.87 0.00	33.58 1.75 0.00	33.70 1.82 0.00	34.93 1.73 0.00	37.29 1.84 0.00	42.07 2.27 0.00	47.11 2.75 0.00	56.67 3.21 0.00	51.05 2.93 0.00	41.56 2.50 0.00	39.51 2.13 0.00	36.00 1.94 0.00
RAVENSWOOD_GT_1 23729	40.31 2.28 -2.89	38.83 2.06 -2.37	37.86 1.85 -2.43	38.17 1.80 -3.09	38.49 1.78 -3.16	43.00 1.95 -2.15	56.94 2.71 0.00	70.57 3.81 0.00	56.24 3.07 -1.95	57.86 2.54 -15.71	58.49 2.11 -19.44	47.54 1.96 -11.18	47.97 2.00 -13.14	60.18 1.88 -26.47	50.21 1.98 -16.35	60.61 1.89 -25.51	60.03 2.02 -22.57	59.66 2.43 -17.43	56.46 2.93 -9.17	59.94 3.37 -3.11	53.40 3.13 -2.17	46.86 2.70 -5.11	42.44 2.32 -2.74	39.28 2.08 -3.14
RAVENSWOOD_GT_10 24258	37.15 2.07 0.06	36.26 1.86 0.00	35.22 1.65 0.00	34.81 1.60 0.06	35.07 1.58 0.06	40.57 1.71 0.04	56.67 2.44 0.00	70.30 3.54 0.00	53.86 2.77 0.12	40.71 2.30 1.21	37.30 1.88 1.52	35.39 1.75 0.76	33.72 1.81 0.92	31.46 1.69 2.06	32.47 1.75 1.17	32.87 1.66 2.00	35.45 1.77 1.76	40.64 2.19 1.35	46.33 2.66 0.69	56.41 3.10 0.16	50.84 2.84 0.11	41.26 2.46 0.26	39.42 2.09 0.06	35.87 1.87 0.06
RAVENSWOOD_GT_11 24259	37.15 2.07 0.06	36.26 1.86 0.00	35.22 1.65 0.00	34.81 1.60 0.06	35.07 1.58 0.06	40.57 1.71 0.04	56.67 2.44 0.00	70.30 3.54 0.00	53.86 2.77 0.12	40.71 2.30 1.21	37.30 1.88 1.52	35.39 1.75 0.76	33.72 1.81 0.92	31.46 1.69 2.06	32.47 1.75 1.17	32.87 1.66 2.00	35.45 1.77 1.76	40.64 2.19 1.35	46.33 2.66 0.69	56.41 3.10 0.16	50.84 2.84 0.11	41.26 2.46 0.26	39.42 2.09 0.06	35.87 1.87 0.06
RAVENSWOOD_GT_4 24252	38.48 2.04 -1.31	38.01 1.82 -1.79	37.03 1.61 -1.84	36.24 1.56 -1.40	36.53 1.54 -1.43	41.54 1.67 -0.97	56.67 2.44 0.00	70.24 3.47 0.00	53.65 2.77 0.33	35.46 2.26 6.42	30.43 1.85 8.36	33.08 1.72 3.04	30.69 1.77 3.91	22.29 1.66 11.20	28.32 1.75 5.32	23.96 1.66 10.91	27.64 1.77 9.57	34.64 2.15 7.31	43.53 2.62 3.45	56.52 3.05 -0.01	50.89 2.79 0.01	41.48 2.42 0.01	40.68 2.06 -1.24	37.32 1.84 -1.42
RAVENSWOOD_GT_5 24254	38.48 2.04 -1.31	38.01 1.82 -1.79	37.03 1.61 -1.84	36.24 1.56 -1.40	36.53 1.54 -1.43	41.54 1.67 -0.97	56.67 2.44 0.00	70.24 3.47 0.00	53.65 2.77 0.33	35.46 2.26 6.42	30.43 1.85 8.36	33.08 1.72 3.04	30.69 1.77 3.91	22.29 1.66 11.20	28.32 1.75 5.32	23.96 1.66 10.91	27.64 1.77 9.57	34.64 2.15 7.31	43.53 2.62 3.45	56.52 3.05 -0.01	50.89 2.79 0.01	41.48 2.42 0.01	40.68 2.06 -1.24	37.32 1.84 -1.42
RAVENSWOOD_GT_6 24253	38.48 2.04 -1.31	38.01 1.82 -1.79	37.03 1.61 -1.84	36.24 1.56 -1.40	36.53 1.54 -1.43	41.54 1.67 -0.97	56.67 2.44 0.00	70.24 3.47 0.00	53.65 2.77 0.33	35.46 2.26 6.42	30.43 1.85 8.36	33.08 1.72 3.04	30.69 1.77 3.91	22.29 1.66 11.20	28.32 1.75 5.32	23.96 1.66 10.91	27.64 1.77 9.57	34.64 2.15 7.31	43.53 2.62 3.45	56.52 3.05 -0.01	50.89 2.79 0.01	41.48 2.42 0.01	40.68 2.06 -1.24	37.32 1.84 -1.42
RAVENSWOOD_GT_7 24255	38.48 2.04 -1.31	38.01 1.82 -1.79	37.03 1.61 -1.84	36.24 1.56 -1.40	36.53 1.54 -1.43	41.54 1.67 -0.97	56.67 2.44 0.00	70.24 3.47 0.00	53.65 2.77 0.33	35.46 2.26 6.42	30.43 1.85 8.36	33.08 1.72 3.04	30.69 1.77 3.91	22.29 1.66 11.20	28.32 1.75 5.32	23.96 1.66 10.91	27.64 1.77 9.57	34.64 2.15 7.31	43.53 2.62 3.45	56.52 3.05 -0.01	50.89 2.79 0.01	41.48 2.42 0.01	40.68 2.06 -1.24	37.32 1.84 -1.42
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	37.15 2.07 0.06	36.26 1.86 0.00	35.22 1.65 0.00	34.81 1.60 0.06	35.07 1.58 0.06	40.57 1.71 0.04	56.67 2.44 0.00	70.30 3.54 0.00	53.86 2.77 0.12	40.71 2.30 1.21	37.30 1.88 1.52	35.39 1.75 0.76	33.72 1.81 0.92	31.46 1.69 2.06	32.47 1.75 1.17	32.87 1.66 2.00	35.45 1.77 1.76	40.64 2.19 1.35	46.33 2.66 0.69	56.41 3.10 0.16	50.84 2.84 0.11	41.26 2.46 0.26	39.42 2.09 0.06	35.87 1.87 0.06

RAVENSWOOD_GT_9 24257	37.15 2.07 0.06	36.26 1.86 0.00	35.22 1.65 0.00	34.81 1.60 0.06	35.07 1.58 0.06	40.57 1.71 0.04	56.67 2.44 0.00	70.30 3.54 0.00	53.86 2.77 0.12	40.71 2.30 1.21	37.30 1.88 1.52	35.39 1.75 0.76	33.72 1.81 0.92	31.46 1.69 2.06	32.47 1.75 1.17	32.87 1.66 2.00	35.45 1.77 1.76	40.64 2.19 1.35	46.33 2.66 0.69	56.41 3.10 0.16	50.84 2.84 0.11	41.26 2.46 0.26	39.42 2.09 0.06	35.87 1.87 0.06
RAVENSWOOD___1 23533	38.08 2.35 -0.58	36.51 2.10 -0.01	35.43 1.85 -0.01	35.70 1.80 -0.62	36.00 1.81 -0.64	41.32 1.98 -0.44	57.21 2.98 0.00	70.77 4.01 0.00	55.73 3.33 -1.19	54.23 2.61 -12.00	54.24 2.18 -15.12	44.05 2.10 -7.55	43.98 2.07 -9.09	54.25 1.94 -20.47	45.52 2.04 -11.60	54.97 1.96 -19.81	55.00 2.09 -17.47	55.75 2.51 -13.44	54.23 3.06 -6.81	58.69 3.69 -1.54	52.47 3.27 -1.08	44.26 2.66 -2.54	40.21 2.28 -0.55	36.77 2.08 -0.63
RAVENSWOOD___2 23534	38.04 2.32 -0.58	36.47 2.06 -0.01	35.43 1.85 -0.01	35.70 1.80 -0.62	35.97 1.78 -0.64	41.32 1.98 -0.43	57.21 2.98 0.00	70.77 4.01 0.00	55.73 3.33 -1.18	54.19 2.61 -11.95	54.18 2.18 -15.07	44.02 2.10 -7.52	43.95 2.07 -9.05	54.17 1.94 -20.39	45.45 2.01 -11.56	54.90 1.96 -19.73	54.90 2.05 -17.40	55.70 2.51 -13.39	54.20 3.06 -6.78	58.69 3.69 -1.54	52.46 3.27 -1.08	44.25 2.66 -2.53	40.21 2.28 -0.55	36.73 2.04 -0.63
RAVENSWOOD___3 23535	37.28 2.14 0.00	36.29 1.89 0.00	35.26 1.68 0.00	34.91 1.63 0.00	35.16 1.61 0.00	40.65 1.75 0.00	57.00 2.76 0.00	70.50 3.74 0.00	54.29 3.07 0.00	42.04 2.42 0.00	38.93 1.99 0.00	36.32 1.93 0.00	34.73 1.90 0.00	33.61 1.78 0.00	33.76 1.88 0.00	35.00 1.79 0.00	37.32 1.88 0.00	42.11 2.31 0.00	47.20 2.84 0.00	56.89 3.42 0.00	51.14 3.03 0.00	41.52 2.46 0.00	39.47 2.09 0.00	35.93 1.87 0.00
RAVENSWOOD___4 23820	35.77 2.32 1.69	34.15 2.06 2.31	33.05 1.85 2.38	33.26 1.80 1.81	33.48 1.78 1.85	39.59 1.94 1.26	57.21 2.98 0.00	70.77 4.01 0.00	54.93 3.28 -0.43	50.49 2.57 -8.30	49.92 2.18 -10.81	40.43 2.10 -3.93	39.95 2.07 -5.06	48.23 1.91 -14.48	40.77 2.01 -6.88	49.27 1.96 -14.10	49.88 2.05 -12.38	51.72 2.47 -9.45	51.87 3.06 -4.46	57.09 3.64 0.01	51.39 3.27 -0.01	41.73 2.66 -0.01	38.06 2.28 1.60	34.27 2.04 1.84
RCPT_TRUST___DRP 24196	37.35 2.21 0.00	36.39 2.00 0.00	35.32 1.75 0.00	34.98 1.70 0.00	35.26 1.71 0.00	40.73 1.83 0.00	57.00 2.77 0.00	70.70 3.94 0.00	54.44 3.23 0.00	42.28 2.65 0.00	39.12 2.18 0.00	36.39 2.00 0.00	34.93 2.10 0.00	33.84 2.01 0.00	33.92 2.04 0.00	35.17 1.96 0.00	37.53 2.09 0.00	42.31 2.51 0.00	47.29 2.93 0.00	56.88 3.42 0.00	51.19 3.08 0.00	41.68 2.62 0.00	39.58 2.21 0.00	36.07 2.01 0.00
RED___ROCHESTER 323720	34.68 -0.46 0.00	34.02 -0.38 0.00	33.38 -0.20 0.00	32.98 -0.30 0.00	33.32 -0.23 0.00	38.67 -0.23 0.00	53.58 -0.65 0.00	65.49 -1.27 0.00	50.24 -0.97 0.00	39.10 -0.52 0.00	36.60 -0.33 0.00	34.02 -0.38 0.00	32.20 -0.62 0.00	31.45 -0.38 0.00	31.37 -0.51 0.00	32.91 -0.30 0.00	35.05 -0.39 0.00	39.08 -0.72 0.00	43.38 -0.98 0.00	52.07 -1.39 0.00	46.96 -1.16 0.00	37.93 -1.13 0.00	36.48 -0.90 0.00	33.28 -0.78 0.00
REGAN___SOLAR 323812	38.23 3.09 0.00	37.43 3.03 0.00	36.47 2.89 0.00	36.11 2.83 0.00	36.37 2.82 0.00	42.44 3.54 0.00	59.33 5.10 0.00	72.90 6.14 0.00	55.01 3.79 0.00	41.80 2.18 0.00	38.67 1.74 0.00	35.98 1.58 0.00	34.40 1.58 0.00	33.27 1.43 0.00	33.44 1.56 0.00	35.10 1.89 0.00	37.75 2.30 0.00	42.70 2.90 0.00	47.95 3.59 0.00	58.00 4.54 0.00	52.15 4.04 0.00	42.34 3.28 0.00	40.41 3.03 0.00	36.62 2.56 0.00
RENSSELAER___COGEN 23796	36.58 1.44 0.00	35.74 1.34 0.00	34.82 1.24 0.00	34.48 1.20 0.00	34.76 1.21 0.00	40.26 1.36 0.00	56.18 1.95 0.00	69.16 2.40 0.00	52.86 1.64 0.00	40.77 1.15 0.00	37.86 0.92 0.00	35.26 0.86 0.00	33.68 0.85 0.00	32.44 0.60 0.00	32.36 0.48 0.00	33.47 0.26 0.00	35.80 0.35 0.00	40.12 0.32 0.00	44.93 0.58 0.00	54.21 0.75 0.00	48.83 0.72 0.00	39.68 0.62 0.00	37.94 0.56 0.00	34.74 0.68 0.00
REPUBLIC_115KV_BARTNBRK 55605	38.69 3.55 0.00	37.98 3.58 0.00	36.97 3.39 0.00	36.54 3.26 0.00	36.77 3.22 0.00	43.02 4.12 0.00	60.25 6.02 0.00	74.31 7.54 0.00	55.83 4.61 0.00	42.39 2.77 0.00	39.15 2.22 0.00	36.29 1.89 0.00	34.57 1.74 0.00	33.26 1.43 0.00	33.60 1.72 0.00	35.30 2.09 0.00	37.99 2.55 0.00	43.02 3.22 0.00	48.53 4.17 0.00	58.70 5.24 0.00	52.78 4.67 0.00	42.77 3.71 0.00	40.93 3.55 0.00	37.02 2.96 0.00
REVERE_CPFR_DRP 24186	36.16 1.02 0.00	35.43 1.03 0.00	34.62 1.04 0.00	34.31 1.03 0.00	34.63 1.07 0.00	40.34 1.44 0.00	56.67 2.44 0.00	69.84 3.07 0.00	53.11 1.90 0.00	40.61 0.99 0.00	37.75 0.81 0.00	35.05 0.65 0.00	33.42 0.59 0.00	32.44 0.60 0.00	32.55 0.67 0.00	34.10 0.90 0.00	36.40 0.96 0.00	41.03 1.23 0.00	45.87 1.51 0.00	55.39 1.92 0.00	49.79 1.68 0.00	40.27 1.21 0.00	38.58 1.20 0.00	34.91 0.85 0.00
REYNOLDS_115KV_TB3 80639	36.61 1.48 0.00	35.74 1.34 0.00	34.82 1.24 0.00	34.48 1.20 0.00	34.73 1.17 0.00	40.22 1.32 0.00	56.02 1.79 0.00	68.90 2.14 0.00	52.65 1.43 0.00	40.69 1.07 0.00	37.71 0.78 0.00	35.16 0.76 0.00	33.58 0.76 0.00	32.37 0.54 0.00	32.36 0.48 0.00	33.57 0.37 0.00	35.94 0.50 0.00	40.28 0.48 0.00	45.25 0.89 0.00	54.53 1.07 0.00	49.07 0.96 0.00	40.00 0.94 0.00	38.24 0.86 0.00	34.91 0.85 0.00
RIVERBAY____ 323610	37.47 2.32 -0.01	36.50 2.10 -0.01	35.47 1.88 -0.01	35.08 1.80 -0.01	35.37 1.81 -0.01	40.85 1.95 -0.01	56.94 2.71 0.00	70.50 3.74 0.00	54.23 3.02 0.01	42.07 2.46 0.01	38.92 1.99 0.01	36.32 1.93 0.01	34.69 1.87 0.01	33.57 1.75 0.01	33.69 1.82 0.01	34.93 1.73 0.01	37.28 1.84 0.01	42.06 2.27 0.01	47.15 2.79 0.01	56.66 3.21 0.01	51.13 3.03 0.01	41.63 2.58 0.01	39.58 2.21 0.01	36.08 2.01 -0.01
RIVERSIDE_115KV_TB3 55908	36.65 1.51 0.00	35.81 1.41 0.00	34.89 1.31 0.00	34.54 1.26 0.00	34.79 1.24 0.00	40.30 1.40 0.00	56.13 1.90 0.00	69.10 2.34 0.00	52.81 1.59 0.00	40.77 1.15 0.00	37.82 0.89 0.00	35.22 0.83 0.00	33.65 0.82 0.00	32.41 0.57 0.00	32.36 0.48 0.00	33.54 0.33 0.00	35.87 0.43 0.00	40.20 0.40 0.00	45.07 0.71 0.00	54.32 0.86 0.00	48.93 0.82 0.00	39.84 0.78 0.00	38.09 0.71 0.00	34.84 0.78 0.00
ROARING___BROOK_WT_PWR 323790	34.12 -1.02 0.00	33.50 -0.89 0.00	32.84 -0.74 0.00	32.68 -0.60 0.00	33.05 -0.50 0.00	38.51 -0.39 0.00	53.91 -0.32 0.00	66.43 -0.33 0.00	51.06 -0.15 0.00	39.50 -0.12 0.00	36.83 -0.11 0.00	34.30 -0.10 0.00	32.76 -0.07 0.00	31.77 -0.06 0.00	31.82 -0.06 0.00	33.14 -0.07 0.00	35.34 -0.11 0.00	39.76 -0.04 0.00	44.27 -0.09 0.00	53.30 -0.16 0.00	47.87 -0.24 0.00	38.79 -0.27 0.00	37.08 -0.30 0.00	33.72 -0.34 0.00

ROCHESRG_115KV_T4 355643	34.40 -0.74 0.00	33.75 -0.65 0.00	33.11 -0.47 0.00	32.71 -0.57 0.00	33.05 -0.50 0.00	38.39 -0.51 0.00	53.15 -1.08 0.00	64.69 -2.07 0.00	49.83 -1.38 0.00	38.63 -0.99 0.00	36.24 -0.70 0.00	33.75 -0.65 0.00	31.94 -0.89 0.00	31.23 -0.60 0.00	31.15 -0.73 0.00	32.64 -0.56 0.00	34.66 -0.78 0.00	38.69 -1.11 0.00	42.85 -1.51 0.00	51.64 -1.82 0.00	46.47 -1.64 0.00	37.50 -1.56 0.00	36.11 -1.27 0.00	32.94 -1.12 0.00
ROCHESTER_9_IC 23652	34.54 -0.60 0.00	33.88 -0.52 0.00	33.24 -0.34 0.00	32.88 -0.40 0.00	33.22 -0.34 0.00	38.59 -0.31 0.00	53.47 -0.76 0.00	65.09 -1.67 0.00	50.14 -1.08 0.00	38.87 -0.75 0.00	36.42 -0.52 0.00	33.95 -0.45 0.00	32.10 -0.72 0.00	31.42 -0.41 0.00	31.34 -0.54 0.00	32.84 -0.37 0.00	34.88 -0.57 0.00	38.92 -0.88 0.00	43.12 -1.24 0.00	51.97 -1.50 0.00	46.76 -1.35 0.00	37.73 -1.33 0.00	36.30 -1.08 0.00	33.11 -0.95 0.00
ROCKVIEW_13_KV_LD 356306	37.21 2.07 0.00	36.26 1.86 0.00	35.22 1.65 0.00	34.84 1.56 0.00	35.13 1.58 0.00	40.61 1.71 0.00	56.73 2.49 0.00	70.37 3.61 0.00	53.98 2.77 0.00	41.88 2.26 0.00	38.78 1.85 0.00	36.08 1.69 0.00	34.57 1.74 0.00	33.46 1.62 0.00	33.60 1.72 0.00	34.83 1.63 0.00	37.21 1.77 0.00	41.99 2.19 0.00	47.02 2.66 0.00	56.62 3.15 0.00	50.95 2.84 0.00	41.52 2.46 0.00	39.47 2.09 0.00	35.90 1.84 0.00
ROME____115KV_TB2 80656	36.16 1.02 0.00	35.43 1.03 0.00	34.62 1.04 0.00	34.31 1.03 0.00	34.63 1.07 0.00	40.34 1.44 0.00	56.67 2.44 0.00	69.84 3.07 0.00	53.11 1.90 0.00	40.61 0.99 0.00	37.75 0.81 0.00	35.05 0.65 0.00	33.42 0.59 0.00	32.44 0.60 0.00	32.55 0.67 0.00	34.10 0.90 0.00	36.40 0.96 0.00	41.03 1.23 0.00	45.87 1.51 0.00	55.39 1.92 0.00	49.79 1.68 0.00	40.27 1.21 0.00	38.58 1.20 0.00	34.91 0.85 0.00
ROSETON___1 23587	36.72 1.58 0.00	35.81 1.41 0.00	34.82 1.24 0.00	34.48 1.20 0.00	34.73 1.17 0.00	40.18 1.28 0.00	56.24 2.01 0.00	69.50 2.74 0.00	53.32 2.10 0.00	41.28 1.66 0.00	38.23 1.29 0.00	35.64 1.24 0.00	34.04 1.22 0.00	32.95 1.11 0.00	33.09 1.21 0.00	34.34 1.13 0.00	36.68 1.24 0.00	41.31 1.51 0.00	46.31 1.95 0.00	55.87 2.41 0.00	50.28 2.17 0.00	40.82 1.76 0.00	38.88 1.50 0.00	35.39 1.33 0.00
ROSETON___2 23588	36.72 1.58 0.00	35.81 1.41 0.00	34.82 1.24 0.00	34.48 1.20 0.00	34.73 1.17 0.00	40.18 1.28 0.00	56.24 2.01 0.00	69.50 2.74 0.00	53.32 2.10 0.00	41.28 1.66 0.00	38.23 1.29 0.00	35.64 1.24 0.00	34.04 1.22 0.00	32.95 1.11 0.00	33.09 1.21 0.00	34.34 1.13 0.00	36.68 1.24 0.00	41.31 1.51 0.00	46.31 1.95 0.00	55.87 2.41 0.00	50.28 2.17 0.00	40.82 1.76 0.00	38.88 1.50 0.00	35.39 1.33 0.00
ROTRRDAM_115KV_TB3 80664	36.58 1.44 0.00	35.77 1.38 0.00	34.85 1.28 0.00	34.51 1.23 0.00	34.79 1.24 0.00	40.34 1.44 0.00	56.24 2.01 0.00	69.23 2.47 0.00	52.86 1.64 0.00	40.69 1.07 0.00	37.75 0.81 0.00	35.12 0.72 0.00	33.55 0.72 0.00	32.47 0.64 0.00	32.58 0.70 0.00	33.94 0.73 0.00	36.36 0.92 0.00	40.79 0.99 0.00	45.69 1.33 0.00	55.07 1.60 0.00	49.55 1.44 0.00	40.31 1.25 0.00	38.54 1.16 0.00	35.05 0.99 0.00
RUSSELL___1 23602	34.68 -0.46 0.00	34.02 -0.38 0.00	33.38 -0.20 0.00	33.01 -0.27 0.00	33.32 -0.23 0.00	38.74 -0.16 0.00	53.69 -0.54 0.00	65.43 -1.34 0.00	50.40 -0.82 0.00	39.03 -0.59 0.00	36.60 -0.33 0.00	34.12 -0.28 0.00	32.24 -0.59 0.00	31.58 -0.25 0.00	31.50 -0.38 0.00	33.01 -0.20 0.00	35.05 -0.39 0.00	39.16 -0.64 0.00	43.34 -1.02 0.00	52.23 -1.23 0.00	47.05 -1.06 0.00	37.93 -1.13 0.00	36.48 -0.90 0.00	33.24 -0.82 0.00
RUSSELL___2 23532	34.68 -0.46 0.00	34.02 -0.38 0.00	33.38 -0.20 0.00	33.01 -0.27 0.00	33.32 -0.23 0.00	38.74 -0.16 0.00	53.69 -0.54 0.00	65.43 -1.34 0.00	50.40 -0.82 0.00	39.03 -0.59 0.00	36.60 -0.33 0.00	34.12 -0.28 0.00	32.24 -0.59 0.00	31.58 -0.25 0.00	31.50 -0.38 0.00	33.01 -0.20 0.00	35.05 -0.39 0.00	39.16 -0.64 0.00	43.34 -1.02 0.00	52.23 -1.23 0.00	47.05 -1.06 0.00	37.93 -1.13 0.00	36.48 -0.90 0.00	33.24 -0.82 0.00
RUSSELL___3 23549	34.68 -0.46 0.00	34.02 -0.38 0.00	33.38 -0.20 0.00	33.01 -0.27 0.00	33.32 -0.23 0.00	38.74 -0.16 0.00	53.69 -0.54 0.00	65.43 -1.34 0.00	50.40 -0.82 0.00	39.03 -0.59 0.00	36.60 -0.33 0.00	34.12 -0.28 0.00	32.24 -0.59 0.00	31.58 -0.25 0.00	31.50 -0.38 0.00	33.01 -0.20 0.00	35.05 -0.39 0.00	39.16 -0.64 0.00	43.34 -1.02 0.00	52.23 -1.23 0.00	47.05 -1.06 0.00	37.93 -1.13 0.00	36.48 -0.90 0.00	33.24 -0.82 0.00
RUSSELL___4 23556	34.68 -0.46 0.00	34.02 -0.38 0.00	33.38 -0.20 0.00	33.01 -0.27 0.00	33.32 -0.23 0.00	38.74 -0.16 0.00	53.69 -0.54 0.00	65.43 -1.34 0.00	50.40 -0.82 0.00	39.03 -0.59 0.00	36.60 -0.33 0.00	34.12 -0.28 0.00	32.24 -0.59 0.00	31.58 -0.25 0.00	31.50 -0.38 0.00	33.01 -0.20 0.00	35.05 -0.39 0.00	39.16 -0.64 0.00	43.34 -1.02 0.00	52.23 -1.23 0.00	47.05 -1.06 0.00	37.93 -1.13 0.00	36.48 -0.90 0.00	33.24 -0.82 0.00
RUSSELL___STATION 23914	34.68 -0.46 0.00	34.02 -0.38 0.00	33.38 -0.20 0.00	33.01 -0.27 0.00	33.32 -0.23 0.00	38.74 -0.16 0.00	53.69 -0.54 0.00	65.43 -1.34 0.00	50.40 -0.82 0.00	39.03 -0.59 0.00	36.60 -0.33 0.00	34.12 -0.28 0.00	32.24 -0.59 0.00	31.58 -0.25 0.00	31.50 -0.38 0.00	33.01 -0.20 0.00	35.05 -0.39 0.00	39.16 -0.64 0.00	43.34 -1.02 0.00	52.23 -1.23 0.00	47.05 -1.06 0.00	37.93 -1.13 0.00	36.48 -0.90 0.00	33.24 -0.82 0.00
S SALMON___HYD 24043	34.61 -0.53 0.00	33.92 -0.48 0.00	33.18 -0.40 0.00	32.85 -0.43 0.00	33.15 -0.40 0.00	38.51 -0.39 0.00	53.80 -0.44 0.00	66.23 -0.54 0.00	50.40 -0.82 0.00	38.83 -0.79 0.00	36.23 -0.70 0.00	33.68 -0.72 0.00	32.07 -0.75 0.00	31.13 -0.70 0.00	31.15 -0.73 0.00	32.64 -0.56 0.00	34.84 -0.60 0.00	39.16 -0.64 0.00	43.65 -0.71 0.00	52.71 -0.75 0.00	47.44 -0.67 0.00	38.43 -0.63 0.00	36.86 -0.52 0.00	33.45 -0.61 0.00
S.PERRY__115KV_TB1 80734	35.17 0.04 0.00	34.57 0.17 0.00	33.98 0.40 0.00	33.71 0.43 0.00	34.12 0.57 0.00	39.80 0.89 0.00	55.37 1.14 0.00	67.23 0.47 0.00	51.32 0.10 0.00	39.46 -0.16 0.00	36.75 -0.18 0.00	34.26 -0.14 0.00	32.37 -0.46 0.00	31.61 -0.22 0.00	31.53 -0.35 0.00	33.21 0.00 0.00	35.41 -0.04 0.00	39.84 0.04 0.00	44.23 -0.13 0.00	53.46 0.00 0.00	48.11 0.00 0.00	38.59 -0.47 0.00	37.04 -0.34 0.00	33.62 -0.44 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	33.98 -1.16 0.00	33.40 -1.00 0.00	32.84 -0.74 0.00	32.41 -0.87 0.00	32.78 -0.77 0.00	38.08 -0.82 0.00	52.50 -1.74 0.00	63.16 -3.61 0.00	48.86 -2.36 0.00	37.92 -1.70 0.00	35.57 -1.37 0.00	33.20 -1.20 0.00	31.28 -1.54 0.00	30.72 -1.11 0.00	30.61 -1.28 0.00	32.11 -1.10 0.00	33.95 -1.49 0.00	37.69 -2.11 0.00	41.56 -2.79 0.00	50.04 -3.42 0.00	44.98 -3.13 0.00	36.13 -2.93 0.00	35.02 -2.35 0.00	32.08 -1.98 0.00

SAWYER___23_KV_LOAD 55526	33.98 -1.16 0.00	33.40 -1.00 0.00	32.84 -0.74 0.00	32.41 -0.87 0.00	32.78 -0.77 0.00	38.08 -0.82 0.00	52.50 -1.74 0.00	63.16 -3.61 0.00	48.86 -2.36 0.00	37.92 -1.70 0.00	35.57 -1.37 0.00	33.20 -1.20 0.00	31.28 -1.54 0.00	30.72 -1.11 0.00	30.61 -1.28 0.00	32.11 -1.10 0.00	33.95 -1.49 0.00	37.69 -2.11 0.00	41.56 -2.79 0.00	50.04 -3.42 0.00	44.98 -3.13 0.00	36.13 -2.93 0.00	35.02 -2.35 0.00	32.08 -1.98 0.00
SELKIRK___I 23801	36.58 1.44 0.00	35.78 1.38 0.00	34.85 1.28 0.00	34.51 1.23 0.00	34.79 1.24 0.00	40.30 1.40 0.00	56.18 1.95 0.00	69.04 2.27 0.00	52.70 1.49 0.00	40.57 0.95 0.00	37.64 0.70 0.00	35.02 0.62 0.00	33.45 0.62 0.00	32.31 0.48 0.00	32.36 0.48 0.00	33.61 0.40 0.00	35.98 0.53 0.00	40.43 0.63 0.00	45.29 0.93 0.00	54.69 1.23 0.00	49.22 1.11 0.00	40.00 0.94 0.00	38.28 0.90 0.00	34.94 0.88 0.00
SELKIRK___II 23799	36.40 1.26 0.00	35.57 1.17 0.00	34.65 1.07 0.00	34.34 1.06 0.00	34.59 1.04 0.00	40.07 1.17 0.00	55.91 1.68 0.00	68.84 2.07 0.00	52.65 1.43 0.00	40.65 1.03 0.00	37.71 0.78 0.00	35.16 0.76 0.00	33.55 0.72 0.00	32.41 0.57 0.00	32.39 0.51 0.00	33.57 0.37 0.00	35.90 0.46 0.00	40.28 0.48 0.00	45.11 0.75 0.00	54.43 0.96 0.00	48.98 0.87 0.00	39.80 0.74 0.00	38.09 0.71 0.00	34.78 0.72 0.00
SENECA OSWGO___HYD 24041	34.57 -0.56 0.00	33.88 -0.52 0.00	33.11 -0.47 0.00	32.81 -0.47 0.00	33.08 -0.47 0.00	38.32 -0.58 0.00	53.26 -0.97 0.00	65.49 -1.27 0.00	50.14 -1.08 0.00	38.87 -0.75 0.00	36.34 -0.59 0.00	33.78 -0.62 0.00	32.20 -0.62 0.00	31.26 -0.57 0.00	31.27 -0.61 0.00	32.71 -0.50 0.00	34.91 -0.53 0.00	39.04 -0.76 0.00	43.38 -0.98 0.00	52.29 -1.18 0.00	47.01 -1.10 0.00	38.20 -0.86 0.00	36.63 -0.75 0.00	33.38 -0.68 0.00
SENECA___115KV_TB3 355854	34.29 -0.84 0.00	33.75 -0.65 0.00	33.21 -0.37 0.00	32.78 -0.50 0.00	33.15 -0.40 0.00	38.51 -0.39 0.00	53.20 -1.03 0.00	64.03 -2.74 0.00	49.48 -1.74 0.00	38.39 -1.23 0.00	35.94 -1.00 0.00	33.57 -0.83 0.00	31.64 -1.18 0.00	31.07 -0.76 0.00	30.96 -0.92 0.00	32.48 -0.73 0.00	34.34 -1.10 0.00	38.13 -1.67 0.00	42.01 -2.35 0.00	50.58 -2.89 0.00	45.42 -2.69 0.00	36.44 -2.62 0.00	35.29 -2.09 0.00	32.36 -1.70 0.00
SENECA___ENERGY 23797	34.93 -0.21 0.00	34.23 -0.17 0.00	33.51 -0.07 0.00	33.21 -0.07 0.00	33.52 -0.03 0.00	38.94 0.04 0.00	54.12 -0.11 0.00	66.50 -0.27 0.00	50.86 -0.36 0.00	39.38 -0.24 0.00	36.75 -0.18 0.00	34.12 -0.28 0.00	32.43 -0.39 0.00	31.55 -0.29 0.00	31.50 -0.38 0.00	33.01 -0.20 0.00	35.23 -0.21 0.00	39.44 -0.36 0.00	43.83 -0.53 0.00	52.66 -0.80 0.00	47.44 -0.67 0.00	38.36 -0.70 0.00	36.78 -0.60 0.00	33.48 -0.58 0.00
SHOEMAKER___GT 23640	36.44 1.30 0.00	35.57 1.17 0.00	34.58 1.01 0.00	34.28 1.00 0.00	34.49 0.94 0.00	39.95 1.05 0.00	55.86 1.63 0.00	68.90 2.14 0.00	52.81 1.59 0.00	40.93 1.31 0.00	37.93 1.00 0.00	35.29 0.89 0.00	33.71 0.89 0.00	32.66 0.83 0.00	32.77 0.89 0.00	34.07 0.86 0.00	36.40 0.96 0.00	41.04 1.24 0.00	45.91 1.55 0.00	55.38 1.92 0.00	49.84 1.73 0.00	40.46 1.40 0.00	38.58 1.20 0.00	35.12 1.06 0.00
SHOEMAKR_138KV_BK 111 55601	36.40 1.26 0.00	35.53 1.14 0.00	34.59 1.01 0.00	34.24 0.97 0.00	34.49 0.94 0.00	39.87 0.97 0.00	55.64 1.41 0.00	68.77 2.00 0.00	52.65 1.43 0.00	40.85 1.23 0.00	37.86 0.92 0.00	35.19 0.79 0.00	33.68 0.85 0.00	32.60 0.76 0.00	32.71 0.83 0.00	34.00 0.80 0.00	36.33 0.89 0.00	40.91 1.11 0.00	45.82 1.46 0.00	55.23 1.76 0.00	49.70 1.59 0.00	40.47 1.41 0.00	38.58 1.20 0.00	35.12 1.06 0.00
SHOREHAM_IC_1 23715	37.14 2.00 0.00	36.02 1.62 0.00	34.75 1.17 0.00	34.41 1.13 0.00	34.73 1.17 0.00	40.88 1.98 0.00	57.81 3.58 0.00	70.87 3.67 -0.43	53.94 2.71 -0.01	48.28 2.10 -6.56	38.53 1.59 -0.01	36.87 1.51 -0.96	34.35 1.51 -0.01	33.04 1.21 0.00	36.64 1.53 -3.22	34.34 1.13 0.00	36.82 1.38 0.00	41.91 2.11 0.00	47.87 3.50 0.00	57.68 4.22 0.00	52.10 3.99 0.00	45.67 3.05 -3.56	39.88 2.50 0.00	35.86 1.80 0.00
SHOREHAM_IC_2 23716	37.14 2.00 0.00	36.02 1.62 0.00	34.75 1.17 0.00	34.41 1.13 0.00	34.73 1.17 0.00	40.88 1.98 0.00	57.81 3.58 0.00	70.87 3.67 -0.43	53.94 2.71 -0.01	48.28 2.10 -6.56	38.53 1.59 -0.01	36.87 1.51 -0.96	34.35 1.51 -0.01	33.04 1.21 0.00	36.64 1.53 -3.22	34.34 1.13 0.00	36.82 1.38 0.00	41.91 2.11 0.00	47.87 3.50 0.00	57.68 4.22 0.00	52.10 3.99 0.00	45.67 3.05 -3.56	39.88 2.50 0.00	35.86 1.80 0.00
SISSONVILLE____ 23735	33.28 -1.86 0.00	39.14 -1.69 -6.42	38.32 -1.58 -6.32	38.10 -1.46 -6.29	37.48 -1.44 -5.37	37.54 -1.36 0.00	52.66 -1.57 0.00	65.17 -1.94 -0.34	49.63 -1.59 0.00	38.19 -1.43 0.00	35.72 -1.22 0.00	33.26 -1.14 0.00	31.81 -1.02 0.00	30.88 -0.95 0.00	30.92 -0.96 0.00	32.21 -1.00 0.00	34.38 -1.06 0.00	38.69 -1.11 0.00	43.12 -1.24 0.00	52.02 -1.44 0.00	46.91 -1.20 0.00	38.01 -1.05 0.00	36.41 -0.97 0.00	33.11 -0.95 0.00
SITHE_IND_GS1 24169	34.22 -0.91 0.00	33.54 -0.86 0.00	32.77 -0.81 0.00	32.48 -0.80 0.00	32.75 -0.81 0.00	37.89 -1.01 0.00	52.61 -1.63 0.00	64.69 -2.07 0.00	49.58 -1.64 0.00	38.43 -1.19 0.00	36.01 -0.92 0.00	33.50 -0.89 0.00	31.94 -0.88 0.00	31.00 -0.83 0.00	31.02 -0.86 0.00	32.41 -0.80 0.00	34.56 -0.88 0.00	38.61 -1.19 0.00	42.90 -1.46 0.00	51.70 -1.76 0.00	46.52 -1.59 0.00	37.81 -1.25 0.00	36.26 -1.12 0.00	33.07 -0.99 0.00
SITHE_IND_GS2 24170	34.22 -0.91 0.00	33.54 -0.86 0.00	32.77 -0.81 0.00	32.48 -0.80 0.00	32.75 -0.81 0.00	37.89 -1.01 0.00	52.61 -1.63 0.00	64.69 -2.07 0.00	49.58 -1.64 0.00	38.43 -1.19 0.00	36.01 -0.92 0.00	33.50 -0.89 0.00	31.94 -0.88 0.00	31.00 -0.83 0.00	31.02 -0.86 0.00	32.41 -0.80 0.00	34.56 -0.88 0.00	38.61 -1.19 0.00	42.90 -1.46 0.00	51.70 -1.76 0.00	46.52 -1.59 0.00	37.81 -1.25 0.00	36.26 -1.12 0.00	33.07 -0.99 0.00
SITHE_IND_GS3 24171	34.22 -0.91 0.00	33.54 -0.86 0.00	32.77 -0.81 0.00	32.48 -0.80 0.00	32.75 -0.81 0.00	37.89 -1.01 0.00	52.61 -1.63 0.00	64.69 -2.07 0.00	49.58 -1.64 0.00	38.43 -1.19 0.00	36.01 -0.92 0.00	33.50 -0.89 0.00	31.94 -0.88 0.00	31.00 -0.83 0.00	31.02 -0.86 0.00	32.41 -0.80 0.00	34.56 -0.88 0.00	38.61 -1.19 0.00	42.90 -1.46 0.00	51.70 -1.76 0.00	46.52 -1.59 0.00	37.81 -1.25 0.00	36.26 -1.12 0.00	33.07 -0.99 0.00
SITHE_IND_GS4 24172	34.22 -0.91 0.00	33.54 -0.86 0.00	32.77 -0.81 0.00	32.48 -0.80 0.00	32.75 -0.81 0.00	37.89 -1.01 0.00	52.61 -1.63 0.00	64.69 -2.07 0.00	49.58 -1.64 0.00	38.43 -1.19 0.00	36.01 -0.92 0.00	33.50 -0.89 0.00	31.94 -0.88 0.00	31.00 -0.83 0.00	31.02 -0.86 0.00	32.41 -0.80 0.00	34.56 -0.88 0.00	38.61 -1.19 0.00	42.90 -1.46 0.00	51.70 -1.76 0.00	46.52 -1.59 0.00	37.81 -1.25 0.00	36.26 -1.12 0.00	33.07 -0.99 0.00

SITHE___BATAVIA 24024	34.72 -0.42 0.00	34.12 -0.28 0.00	33.58 0.00 0.00	33.15 -0.13 0.00	33.52 -0.03 0.00	38.94 0.04 0.00	53.96 -0.27 0.00	65.69 -1.07 0.00	50.30 -0.92 0.00	39.10 -0.52 0.00	36.57 -0.37 0.00	33.95 -0.45 0.00	32.01 -0.82 0.00	31.36 -0.48 0.00	31.18 -0.70 0.00	32.84 -0.36 0.00	34.98 -0.46 0.00	38.96 -0.84 0.00	43.16 -1.20 0.00	51.80 -1.66 0.00	46.67 -1.44 0.00	37.58 -1.48 0.00	36.29 -1.09 0.00	33.11 -0.95 0.00
SITHE___INDEPEND 23800	34.22 -0.91 0.00	33.54 -0.86 0.00	32.77 -0.81 0.00	32.48 -0.80 0.00	32.75 -0.81 0.00	37.89 -1.01 0.00	52.77 -1.46 0.00	64.89 -1.87 0.00	49.73 -1.49 0.00	38.51 -1.11 0.00	36.12 -0.81 0.00	33.64 -0.76 0.00	32.04 -0.79 0.00	31.13 -0.70 0.00	31.15 -0.73 0.00	32.51 -0.70 0.00	34.66 -0.78 0.00	38.73 -1.07 0.00	43.03 -1.33 0.00	51.86 -1.60 0.00	46.67 -1.44 0.00	37.81 -1.25 0.00	36.26 -1.12 0.00	33.07 -0.99 0.00
SITHE___MASSENA 23902	34.33 -0.81 0.00	35.22 -0.65 -1.48	34.46 -0.57 -1.46	34.26 -0.47 -1.45	34.32 -0.47 -1.24	38.55 -0.35 0.00	53.85 -0.38 0.00	66.38 -0.46 -0.08	50.91 -0.31 0.00	39.30 -0.32 0.00	36.75 -0.18 0.00	34.26 -0.14 0.00	32.76 -0.07 0.00	31.77 -0.06 0.00	31.85 -0.03 0.00	33.14 -0.07 0.00	35.34 -0.11 0.00	39.76 -0.04 0.00	44.18 -0.18 0.00	53.30 -0.16 0.00	48.01 -0.10 0.00	38.94 -0.12 0.00	37.30 -0.07 0.00	33.99 -0.07 0.00
SITHE___OGDNSBRG 24021	34.40 -0.74 0.00	38.32 -0.58 -4.50	37.54 -0.47 -4.43	37.32 -0.37 -4.41	36.95 -0.37 -3.76	38.78 -0.12 0.00	54.39 0.16 0.00	67.00 0.00 -0.24	50.91 -0.31 0.00	39.11 -0.52 0.00	36.49 -0.44 0.00	34.02 -0.38 0.00	32.50 -0.33 0.00	31.55 -0.29 0.00	31.63 -0.26 0.00	32.94 -0.27 0.00	35.19 -0.25 0.00	39.72 -0.08 0.00	44.36 0.00 0.00	53.57 0.11 0.00	48.30 0.19 0.00	39.10 0.04 0.00	37.49 0.11 0.00	34.09 0.03 0.00
SITHE___STERLING 23777	35.98 0.84 0.00	35.26 0.86 0.00	34.45 0.87 0.00	34.14 0.86 0.00	34.42 0.87 0.00	40.03 1.13 0.00	56.08 1.84 0.00	69.10 2.34 0.00	52.65 1.43 0.00	40.41 0.79 0.00	37.56 0.63 0.00	34.92 0.52 0.00	33.29 0.46 0.00	32.31 0.48 0.00	32.36 0.48 0.00	33.91 0.70 0.00	36.19 0.75 0.00	40.75 0.95 0.00	45.51 1.15 0.00	54.91 1.44 0.00	49.36 1.25 0.00	39.96 0.90 0.00	38.28 0.90 0.00	34.71 0.65 0.00
SLEIGHT__34_KV_TB1 80719	34.58 -0.56 0.00	33.92 -0.48 0.00	33.21 -0.37 0.00	32.91 -0.37 0.00	33.22 -0.34 0.00	38.63 -0.27 0.00	53.69 -0.54 0.00	65.70 -1.07 0.00	50.50 -0.72 0.00	39.07 -0.55 0.00	36.57 -0.37 0.00	34.02 -0.38 0.00	32.24 -0.59 0.00	31.48 -0.35 0.00	31.43 -0.45 0.00	32.94 -0.27 0.00	35.02 -0.43 0.00	39.20 -0.60 0.00	43.34 -1.02 0.00	52.23 -1.23 0.00	47.00 -1.11 0.00	37.93 -1.13 0.00	36.45 -0.93 0.00	33.21 -0.85 0.00
SOUTH CAIRO___GT 23612	37.49 2.35 0.00	36.74 2.34 0.00	35.76 2.18 0.00	35.38 2.10 0.00	35.63 2.08 0.00	41.39 2.49 0.00	57.65 3.42 0.00	70.64 3.87 0.00	53.57 2.36 0.00	41.17 1.55 0.00	37.93 1.00 0.00	35.26 0.86 0.00	33.65 0.82 0.00	32.37 0.54 0.00	32.42 0.54 0.00	33.77 0.56 0.00	36.26 0.82 0.00	40.87 1.07 0.00	45.96 1.60 0.00	55.44 1.98 0.00	49.94 1.83 0.00	40.62 1.56 0.00	38.99 1.61 0.00	35.69 1.63 0.00
SOUTH HAMPTN___IC 23720	37.67 2.53 0.00	36.53 2.13 0.00	35.29 1.71 0.00	34.88 1.60 0.00	35.23 1.68 0.00	41.47 2.57 0.00	58.62 4.39 0.00	71.94 4.74 -0.43	54.76 3.53 -0.01	48.83 2.65 -6.56	39.09 2.14 -0.01	37.39 2.03 -0.96	34.77 1.94 -0.01	33.45 1.62 0.00	37.08 1.98 -3.22	34.80 1.59 0.00	37.32 1.88 0.00	42.47 2.67 0.00	48.54 4.17 -0.01	58.44 4.97 0.00	52.73 4.62 0.00	46.21 3.59 -3.56	40.41 3.03 0.00	36.38 2.32 0.00
SOUTHDOW_115KV_TB1 355954	35.10 -0.04 0.00	34.74 0.34 0.00	34.32 0.74 0.00	34.01 0.73 0.00	34.49 0.94 0.00	40.07 1.17 0.00	55.80 1.57 0.00	67.43 0.67 0.00	51.83 0.61 0.00	40.06 0.44 0.00	37.34 0.41 0.00	34.85 0.45 0.00	32.73 -0.10 0.00	32.15 0.32 0.00	31.91 0.03 0.00	33.41 0.20 0.00	35.27 -0.18 0.00	39.24 -0.56 0.00	42.98 -1.38 0.00	51.70 -1.76 0.00	46.19 -1.92 0.00	36.95 -2.11 0.00	35.66 -1.72 0.00	32.56 -1.50 0.00
SOUTHOLD_69_KV_BK 2 55809	38.12 2.99 0.00	37.05 2.65 0.00	35.93 2.35 0.00	35.38 2.10 0.00	35.73 2.18 0.00	42.01 3.11 0.00	58.68 4.45 0.00	72.93 5.74 -0.43	55.32 4.10 -6.55	49.30 3.13 0.00	39.45 2.51 0.00	37.65 2.30 -0.95	35.06 2.23 0.00	33.74 1.91 0.00	37.39 2.30 -3.22	35.10 1.89 0.00	37.75 2.30 0.00	42.98 3.18 0.00	49.11 4.75 0.00	59.13 5.67 0.00	52.92 4.81 0.00	46.87 4.26 -3.55	41.01 3.63 0.00	36.85 2.79 0.00
SOUTHOLD___IC 23719	38.23 3.09 0.00	37.08 2.68 0.00	35.79 2.22 0.00	35.41 2.13 0.00	35.77 2.21 0.00	42.09 3.19 0.00	59.60 5.37 0.00	73.21 6.01 -0.43	55.58 4.35 -0.01	49.43 3.25 -6.56	39.61 2.66 -0.01	37.84 2.48 -0.96	35.17 2.33 -0.01	33.84 2.01 0.00	37.46 2.36 -3.22	35.23 2.03 0.00	37.82 2.37 0.00	43.10 3.30 0.00	49.33 4.97 -0.01	59.40 5.93 0.00	53.50 5.39 0.00	46.88 4.26 -3.56	41.00 3.62 0.00	36.92 2.86 0.00
SOUTH_FORK_WT_PWR 323839	38.30 3.16 0.00	37.15 2.75 0.00	35.89 2.32 0.00	35.47 2.20 0.00	35.84 2.28 0.00	42.17 3.27 0.00	59.71 5.48 0.00	73.34 6.14 -0.43	55.68 4.45 -0.01	49.51 3.33 -6.56	39.68 2.73 -0.01	37.90 2.55 -0.96	35.23 2.40 -0.01	33.84 2.01 0.00	37.53 2.42 -3.22	35.27 2.06 0.00	37.89 2.44 0.00	43.18 3.38 0.00	49.42 5.06 -0.01	59.50 6.04 0.00	53.59 5.48 0.00	46.95 4.34 -3.56	41.08 3.70 0.00	36.95 2.89 0.00
SPIERFLS_115KV_TB 1 80737	37.56 2.42 0.00	36.77 2.37 0.00	35.79 2.22 0.00	35.44 2.16 0.00	35.70 2.15 0.00	41.55 2.65 0.00	58.08 3.85 0.00	71.57 4.81 0.00	54.24 3.02 0.00	41.56 1.94 0.00	38.45 1.51 0.00	35.71 1.31 0.00	34.01 1.18 0.00	32.82 0.99 0.00	33.03 1.15 0.00	34.50 1.30 0.00	37.07 1.63 0.00	41.79 1.99 0.00	46.93 2.57 0.00	56.67 3.21 0.00	50.95 2.84 0.00	41.36 2.30 0.00	39.62 2.24 0.00	35.93 1.87 0.00
ST LAWRENCE____ 23600	34.29 -0.84 0.00	33.67 -0.72 0.00	32.91 -0.67 0.00	32.68 -0.60 0.00	32.95 -0.60 0.00	38.32 -0.58 0.00	53.52 -0.71 0.00	65.83 -0.93 0.00	50.66 -0.56 0.00	39.19 -0.43 0.00	36.64 -0.30 0.00	34.16 -0.24 0.00	32.63 -0.20 0.00	31.64 -0.19 0.00	31.72 -0.16 0.00	33.01 -0.20 0.00	35.20 -0.25 0.00	39.60 -0.20 0.00	44.00 -0.36 0.00	53.03 -0.43 0.00	47.78 -0.33 0.00	38.75 -0.31 0.00	37.12 -0.26 0.00	33.86 -0.20 0.00
STATE_CA_115KV_115_LB 55624	36.79 1.65 0.00	35.95 1.55 0.00	34.99 1.41 0.00	34.64 1.36 0.00	34.93 1.38 0.00	40.46 1.56 0.00	56.35 2.12 0.00	69.43 2.67 0.00	53.01 1.79 0.00	40.93 1.31 0.00	37.97 1.03 0.00	35.36 0.96 0.00	33.78 0.95 0.00	32.50 0.67 0.00	32.42 0.54 0.00	33.61 0.40 0.00	35.90 0.46 0.00	40.24 0.44 0.00	45.11 0.75 0.00	54.37 0.91 0.00	48.93 0.82 0.00	39.88 0.82 0.00	38.13 0.75 0.00	34.88 0.82 0.00

STATE_ST_34_KV_LOAD 55959	35.21 0.07 0.00	34.50 0.10 0.00	33.71 0.13 0.00	33.45 0.17 0.00	33.72 0.17 0.00	39.13 0.23 0.00	54.56 0.33 0.00	67.10 0.33 0.00	51.42 0.20 0.00	39.70 0.08 0.00	37.08 0.15 0.00	34.50 0.10 0.00	32.83 0.00 0.00	31.90 0.06 0.00	31.91 0.03 0.00	33.41 0.20 0.00	35.62 0.18 0.00	39.92 0.12 0.00	44.32 -0.04 0.00	53.41 -0.05 0.00	48.06 -0.05 0.00	38.83 -0.23 0.00	37.23 -0.15 0.00	33.89 -0.17 0.00
STATION 5_MISC_HYD 23604	34.54 -0.60 0.00	33.88 -0.52 0.00	33.24 -0.34 0.00	32.88 -0.40 0.00	33.18 -0.37 0.00	38.51 -0.39 0.00	53.36 -0.87 0.00	65.23 -1.53 0.00	49.99 -1.23 0.00	38.91 -0.71 0.00	36.42 -0.52 0.00	33.85 -0.55 0.00	32.07 -0.75 0.00	31.29 -0.54 0.00	31.21 -0.67 0.00	32.74 -0.46 0.00	34.87 -0.57 0.00	38.89 -0.91 0.00	43.12 -1.24 0.00	51.80 -1.66 0.00	46.67 -1.44 0.00	37.73 -1.33 0.00	36.29 -1.09 0.00	33.11 -0.95 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	35.03 -0.11 0.00	34.36 -0.03 0.00	33.68 0.10 0.00	33.35 0.07 0.00	33.69 0.13 0.00	39.17 0.27 0.00	54.45 0.22 0.00	66.63 -0.13 0.00	51.22 0.00 0.00	39.58 -0.04 0.00	37.05 0.11 0.00	34.47 0.07 0.00	32.66 -0.16 0.00	31.86 0.03 0.00	31.85 -0.03 0.00	33.37 0.17 0.00	35.51 0.07 0.00	39.76 -0.04 0.00	43.78 -0.58 0.00	52.71 -0.75 0.00	47.49 -0.63 0.00	38.28 -0.78 0.00	36.78 -0.60 0.00	33.48 -0.58 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	34.40 -0.74 0.00	33.71 -0.69 0.00	33.07 -0.50 0.00	32.71 -0.57 0.00	33.05 -0.50 0.00	38.39 -0.51 0.00	53.20 -1.03 0.00	64.83 -1.94 0.00	49.99 -1.23 0.00	38.71 -0.91 0.00	36.31 -0.63 0.00	33.81 -0.58 0.00	32.01 -0.82 0.00	31.29 -0.54 0.00	31.21 -0.67 0.00	32.71 -0.50 0.00	34.73 -0.71 0.00	38.80 -1.00 0.00	42.98 -1.38 0.00	51.75 -1.71 0.00	46.62 -1.49 0.00	37.58 -1.48 0.00	36.18 -1.20 0.00	32.97 -1.09 0.00
STA_56___34_KV_BUS2 355983	34.40 -0.74 0.00	33.71 -0.69 0.00	33.07 -0.50 0.00	32.71 -0.57 0.00	33.05 -0.50 0.00	38.39 -0.51 0.00	53.20 -1.03 0.00	64.83 -1.94 0.00	49.99 -1.23 0.00	38.71 -0.91 0.00	36.31 -0.63 0.00	33.81 -0.58 0.00	32.01 -0.82 0.00	31.29 -0.54 0.00	31.21 -0.67 0.00	32.71 -0.50 0.00	34.73 -0.71 0.00	38.80 -1.00 0.00	42.98 -1.38 0.00	51.75 -1.71 0.00	46.62 -1.49 0.00	37.58 -1.48 0.00	36.18 -1.20 0.00	32.97 -1.09 0.00
STA_67___115KV_BK2 355882	34.47 -0.67 0.00	33.81 -0.58 0.00	33.18 -0.40 0.00	32.81 -0.47 0.00	33.15 -0.40 0.00	38.51 -0.39 0.00	53.36 -0.87 0.00	64.89 -1.87 0.00	50.04 -1.18 0.00	38.75 -0.87 0.00	36.35 -0.59 0.00	33.85 -0.55 0.00	32.04 -0.79 0.00	31.32 -0.51 0.00	31.28 -0.61 0.00	32.74 -0.46 0.00	34.77 -0.67 0.00	38.84 -0.96 0.00	42.98 -1.38 0.00	51.80 -1.66 0.00	46.67 -1.44 0.00	37.61 -1.45 0.00	36.22 -1.16 0.00	33.04 -1.02 0.00
STA_7___115KV_9TRANS 80674	34.68 -0.46 0.00	34.02 -0.38 0.00	33.38 -0.20 0.00	33.01 -0.27 0.00	33.32 -0.23 0.00	38.74 -0.16 0.00	53.69 -0.54 0.00	65.43 -1.34 0.00	50.40 -0.82 0.00	39.03 -0.59 0.00	36.60 -0.33 0.00	34.12 -0.28 0.00	32.24 -0.59 0.00	31.58 -0.25 0.00	31.50 -0.38 0.00	33.01 -0.20 0.00	35.05 -0.39 0.00	39.16 -0.64 0.00	43.34 -1.02 0.00	52.23 -1.23 0.00	47.05 -1.06 0.00	37.93 -1.13 0.00	36.48 -0.90 0.00	33.24 -0.82 0.00
STA_82___115KV_TB1 80780	34.51 -0.63 0.00	33.85 -0.55 0.00	33.18 -0.40 0.00	32.81 -0.47 0.00	33.15 -0.40 0.00	38.51 -0.39 0.00	53.36 -0.87 0.00	64.96 -1.80 0.00	50.04 -1.18 0.00	38.79 -0.83 0.00	36.35 -0.59 0.00	33.88 -0.52 0.00	32.04 -0.79 0.00	31.32 -0.51 0.00	31.28 -0.61 0.00	32.74 -0.46 0.00	34.77 -0.67 0.00	38.84 -0.96 0.00	43.03 -1.33 0.00	51.86 -1.60 0.00	46.67 -1.44 0.00	37.65 -1.41 0.00	36.22 -1.16 0.00	33.07 -0.99 0.00
STEEL___WIND 323596	34.26 -0.88 0.00	33.71 -0.69 0.00	33.18 -0.40 0.00	32.75 -0.53 0.00	33.08 -0.47 0.00	38.36 -0.54 0.00	53.09 -1.14 0.00	64.30 -2.47 0.00	49.27 -1.95 0.00	38.51 -1.11 0.00	35.98 -0.96 0.00	33.47 -0.93 0.00	31.58 -1.25 0.00	30.94 -0.89 0.00	30.76 -1.12 0.00	32.38 -0.83 0.00	34.41 -1.03 0.00	38.09 -1.71 0.00	42.10 -2.26 0.00	50.42 -3.05 0.00	45.27 -2.84 0.00	36.40 -2.66 0.00	35.29 -2.09 0.00	32.32 -1.74 0.00
STEPHTWN_115KV_BK_2 55603	36.97 1.83 0.00	36.12 1.72 0.00	35.19 1.61 0.00	34.84 1.56 0.00	35.10 1.54 0.00	40.73 1.83 0.00	56.78 2.55 0.00	69.90 3.14 0.00	53.32 2.10 0.00	41.09 1.47 0.00	38.08 1.15 0.00	35.47 1.07 0.00	33.88 1.05 0.00	32.60 0.76 0.00	32.55 0.67 0.00	33.74 0.53 0.00	36.08 0.64 0.00	40.48 0.68 0.00	45.42 1.06 0.00	54.75 1.28 0.00	49.27 1.15 0.00	40.11 1.05 0.00	38.35 0.97 0.00	35.08 1.02 0.00
STEUBEN_REC_LFGE 323667	34.29 -0.84 0.00	33.64 -0.76 0.00	33.11 -0.47 0.00	32.95 -0.33 0.00	33.45 -0.10 0.00	39.13 0.23 0.00	54.67 0.43 0.00	66.56 -0.20 0.00	51.12 -0.10 0.00	39.50 -0.12 0.00	36.75 -0.18 0.00	34.30 -0.10 0.00	32.47 -0.36 0.00	31.70 -0.13 0.00	31.59 -0.29 0.00	33.21 0.00 0.00	35.34 -0.11 0.00	39.64 -0.16 0.00	43.74 -0.62 0.00	52.61 -0.86 0.00	47.05 -1.06 0.00	37.58 -1.48 0.00	35.96 -1.42 0.00	32.53 -1.53 0.00
STILLWATER___SOLAR 323814	37.21 2.07 0.00	36.39 1.99 0.00	35.46 1.88 0.00	35.11 1.83 0.00	35.36 1.81 0.00	41.08 2.18 0.00	57.43 3.20 0.00	70.70 3.94 0.00	53.73 2.51 0.00	41.21 1.59 0.00	38.19 1.26 0.00	35.50 1.10 0.00	33.88 1.05 0.00	32.72 0.89 0.00	32.87 0.99 0.00	34.34 1.13 0.00	36.82 1.38 0.00	41.47 1.67 0.00	46.58 2.22 0.00	56.24 2.78 0.00	50.61 2.50 0.00	41.05 1.99 0.00	39.25 1.87 0.00	35.66 1.60 0.00
STONY___BROOK 24151	37.67 2.53 0.00	36.53 2.13 0.00	35.29 1.71 0.00	34.91 1.63 0.00	35.26 1.71 0.00	41.27 2.37 0.00	58.03 3.79 0.00	71.67 4.47 -0.43	54.81 3.58 -0.01	48.99 2.81 -6.56	39.24 2.29 -0.01	37.53 2.17 -0.96	34.94 2.10 -0.01	33.61 1.78 0.00	37.21 2.10 -3.22	34.90 1.69 0.00	37.43 1.98 0.00	42.54 2.74 0.00	48.27 3.90 -0.01	57.95 4.49 0.00	52.20 4.09 0.00	45.98 3.36 -3.56	40.22 2.84 0.00	36.31 2.25 0.00
STURGEON_POOL_HYD 23609	36.68 1.55 0.00	35.81 1.41 0.00	34.82 1.24 0.00	34.48 1.20 0.00	34.73 1.17 0.00	40.11 1.21 0.00	55.97 1.74 0.00	69.17 2.40 0.00	53.06 1.84 0.00	41.17 1.55 0.00	38.08 1.15 0.00	35.40 1.00 0.00	33.88 1.05 0.00	32.82 0.99 0.00	33.00 1.12 0.00	34.27 1.06 0.00	36.61 1.17 0.00	41.27 1.47 0.00	46.22 1.86 0.00	55.71 2.25 0.00	50.13 2.02 0.00	40.82 1.76 0.00	38.95 1.57 0.00	35.46 1.40 0.00
ST_LAW_115_BK7_LBMP 345037	34.26 -0.88 0.00	33.64 -0.76 0.00	32.87 -0.71 0.00	32.65 -0.63 0.00	32.91 -0.64 0.00	38.32 -0.58 0.00	53.47 -0.76 0.00	65.76 -1.00 0.00	50.66 -0.56 0.00	39.15 -0.47 0.00	36.60 -0.33 0.00	34.12 -0.28 0.00	32.60 -0.23 0.00	31.61 -0.22 0.00	31.69 -0.19 0.00	32.98 -0.23 0.00	35.16 -0.28 0.00	39.56 -0.24 0.00	43.96 -0.40 0.00	52.98 -0.48 0.00	47.72 -0.39 0.00	38.71 -0.35 0.00	37.08 -0.30 0.00	33.82 -0.24 0.00

ST_LAW_115_BK8_LBMP 345038	34.26 -0.88 0.00	33.64 -0.76 0.00	32.87 -0.71 0.00	32.65 -0.63 0.00	32.91 -0.64 0.00	38.32 -0.58 0.00	53.47 -0.76 0.00	65.76 -1.00 0.00	50.66 -0.56 0.00	39.15 -0.47 0.00	36.60 -0.33 0.00	34.12 -0.28 0.00	32.60 -0.23 0.00	31.61 -0.22 0.00	31.69 -0.19 0.00	32.98 -0.23 0.00	35.16 -0.28 0.00	39.56 -0.24 0.00	43.96 -0.40 0.00	52.98 -0.48 0.00	47.72 -0.39 0.00	38.71 -0.35 0.00	37.08 -0.30 0.00	33.82 -0.24 0.00
ST_LAW_230_BK5_LBMP 345035	34.29 -0.84 0.00	33.67 -0.72 0.00	32.91 -0.67 0.00	32.68 -0.60 0.00	32.95 -0.60 0.00	38.32 -0.58 0.00	53.52 -0.71 0.00	65.83 -0.93 0.00	50.66 -0.56 0.00	39.19 -0.43 0.00	36.64 -0.30 0.00	34.16 -0.24 0.00	32.63 -0.20 0.00	31.64 -0.19 0.00	31.72 -0.16 0.00	33.01 -0.20 0.00	35.20 -0.25 0.00	39.60 -0.20 0.00	44.00 -0.36 0.00	53.03 -0.43 0.00	47.78 -0.33 0.00	38.75 -0.31 0.00	37.12 -0.26 0.00	33.86 -0.20 0.00
ST_LAW_230_BK6_LBMP 345036	34.29 -0.84 0.00	33.67 -0.72 0.00	32.91 -0.67 0.00	32.68 -0.60 0.00	32.95 -0.60 0.00	38.32 -0.58 0.00	53.52 -0.71 0.00	65.83 -0.93 0.00	50.66 -0.56 0.00	39.19 -0.43 0.00	36.64 -0.30 0.00	34.16 -0.24 0.00	32.63 -0.20 0.00	31.64 -0.19 0.00	31.72 -0.16 0.00	33.01 -0.20 0.00	35.20 -0.25 0.00	39.60 -0.20 0.00	44.00 -0.36 0.00	53.03 -0.43 0.00	47.78 -0.33 0.00	38.75 -0.31 0.00	37.12 -0.26 0.00	33.86 -0.20 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	36.54 1.41 0.00	35.67 1.27 0.00	34.69 1.11 0.00	34.34 1.06 0.00	34.59 1.04 0.00	39.99 1.09 0.00	55.80 1.57 0.00	69.10 2.34 0.00	52.91 1.69 0.00	41.05 1.43 0.00	38.01 1.07 0.00	35.36 0.96 0.00	33.84 1.02 0.00	32.76 0.92 0.00	32.87 0.99 0.00	34.14 0.93 0.00	36.47 1.03 0.00	41.07 1.27 0.00	46.00 1.64 0.00	55.44 1.98 0.00	49.94 1.83 0.00	40.62 1.56 0.00	38.73 1.35 0.00	35.22 1.16 0.00
SWANROAD_115KV_TB1 355699	33.31 -1.83 0.00	32.75 -1.65 0.00	32.20 -1.38 0.00	31.75 -1.53 0.00	32.11 -1.44 0.00	37.31 -1.59 0.00	51.36 -2.87 0.00	61.62 -5.14 0.00	47.73 -3.48 0.00	37.05 -2.58 0.00	34.79 -2.14 0.00	32.47 -1.93 0.00	30.63 -2.20 0.00	30.05 -1.78 0.00	29.94 -1.94 0.00	31.41 -1.79 0.00	33.21 -2.23 0.00	36.89 -2.91 0.00	40.68 -3.68 0.00	48.97 -4.49 0.00	44.02 -4.09 0.00	35.39 -3.67 0.00	34.31 -3.07 0.00	31.47 -2.59 0.00
SYNERGY___BIOGAS 323694	34.72 -0.42 0.00	34.12 -0.28 0.00	33.58 0.00 0.00	33.15 -0.13 0.00	33.52 -0.03 0.00	38.94 0.04 0.00	53.96 -0.27 0.00	65.69 -1.07 0.00	50.30 -0.92 0.00	39.10 -0.52 0.00	36.57 -0.37 0.00	33.95 -0.45 0.00	32.01 -0.82 0.00	31.36 -0.48 0.00	31.18 -0.70 0.00	32.84 -0.36 0.00	34.98 -0.46 0.00	38.96 -0.84 0.00	43.16 -1.20 0.00	51.80 -1.66 0.00	46.67 -1.44 0.00	37.58 -1.48 0.00	36.29 -1.09 0.00	33.11 -0.95 0.00
SYRACUSE___ENERGY_ST1 323597	35.14 0.00 0.00	34.43 0.03 0.00	33.65 0.07 0.00	33.35 0.07 0.00	33.62 0.07 0.00	38.98 0.08 0.00	54.29 0.05 0.00	66.76 0.00 0.00	51.12 -0.10 0.00	39.58 -0.04 0.00	37.01 0.07 0.00	34.43 0.03 0.00	32.76 -0.07 0.00	31.83 0.00 0.00	31.85 -0.03 0.00	33.31 0.10 0.00	35.51 0.07 0.00	39.76 -0.04 0.00	44.18 -0.18 0.00	53.25 -0.21 0.00	47.87 -0.24 0.00	38.75 -0.31 0.00	37.16 -0.22 0.00	33.86 -0.20 0.00
SYRACUSE___ENERGY_ST2 323598	35.14 0.00 0.00	34.43 0.03 0.00	33.65 0.07 0.00	33.35 0.07 0.00	33.62 0.07 0.00	38.98 0.08 0.00	54.29 0.05 0.00	66.76 0.00 0.00	51.12 -0.10 0.00	39.58 -0.04 0.00	37.01 0.07 0.00	34.43 0.03 0.00	32.76 -0.07 0.00	31.83 0.00 0.00	31.85 -0.03 0.00	33.31 0.10 0.00	35.51 0.07 0.00	39.76 -0.04 0.00	44.18 -0.18 0.00	53.25 -0.21 0.00	47.87 -0.24 0.00	38.75 -0.31 0.00	37.16 -0.22 0.00	33.86 -0.20 0.00
SYRACUSE___POWER 24017	35.10 -0.04 0.00	34.36 -0.03 0.00	33.58 0.00 0.00	33.28 0.00 0.00	33.55 0.00 0.00	38.90 0.00 0.00	54.23 0.00 0.00	66.70 -0.07 0.00	51.06 -0.15 0.00	39.50 -0.12 0.00	36.90 -0.04 0.00	34.36 -0.03 0.00	32.70 -0.13 0.00	31.77 -0.06 0.00	31.79 -0.10 0.00	33.24 0.03 0.00	35.44 0.00 0.00	39.72 -0.08 0.00	44.14 -0.22 0.00	53.19 -0.27 0.00	47.82 -0.29 0.00	38.71 -0.35 0.00	37.12 -0.26 0.00	33.82 -0.24 0.00
TALLMAN___138KV_BK151 55660	36.72 1.58 0.00	35.81 1.41 0.00	34.79 1.21 0.00	34.44 1.16 0.00	34.69 1.14 0.00	40.11 1.21 0.00	56.02 1.79 0.00	69.43 2.67 0.00	53.16 1.95 0.00	41.28 1.66 0.00	38.23 1.29 0.00	35.57 1.17 0.00	34.04 1.21 0.00	32.95 1.11 0.00	33.09 1.21 0.00	34.30 1.10 0.00	36.65 1.21 0.00	41.31 1.51 0.00	46.27 1.91 0.00	55.76 2.30 0.00	50.18 2.07 0.00	40.86 1.80 0.00	38.87 1.50 0.00	35.39 1.33 0.00
TEALLAVE_115KV_TB7 355573	35.00 -0.14 0.00	34.30 -0.10 0.00	33.51 -0.07 0.00	33.21 -0.07 0.00	33.45 -0.10 0.00	38.78 -0.12 0.00	54.07 -0.16 0.00	66.43 -0.33 0.00	50.91 -0.31 0.00	39.42 -0.20 0.00	36.86 -0.07 0.00	34.30 -0.10 0.00	32.63 -0.20 0.00	31.70 -0.13 0.00	31.72 -0.16 0.00	33.17 -0.03 0.00	35.37 -0.07 0.00	39.60 -0.20 0.00	43.96 -0.40 0.00	53.03 -0.43 0.00	47.68 -0.43 0.00	38.59 -0.47 0.00	37.01 -0.37 0.00	33.72 -0.34 0.00
TELGRAPH_34_KV_EAST 80808	34.05 -1.09 0.00	33.47 -0.93 0.00	32.91 -0.67 0.00	32.51 -0.77 0.00	32.88 -0.67 0.00	38.24 -0.66 0.00	52.77 -1.46 0.00	63.63 -3.14 0.00	49.17 -2.05 0.00	38.08 -1.55 0.00	35.72 -1.22 0.00	33.33 -1.07 0.00	31.38 -1.44 0.00	30.85 -0.99 0.00	30.70 -1.18 0.00	32.24 -0.96 0.00	34.17 -1.28 0.00	38.01 -1.79 0.00	41.92 -2.44 0.00	50.52 -2.94 0.00	45.46 -2.65 0.00	36.52 -2.54 0.00	35.32 -2.06 0.00	32.32 -1.74 0.00
TEMPLE___115KV_TB 2 55572	35.03 -0.11 0.00	34.30 -0.10 0.00	33.51 -0.07 0.00	33.21 -0.07 0.00	33.49 -0.07 0.00	38.82 -0.08 0.00	54.07 -0.16 0.00	66.50 -0.27 0.00	50.96 -0.26 0.00	39.42 -0.20 0.00	36.86 -0.07 0.00	34.33 -0.07 0.00	32.66 -0.16 0.00	31.74 -0.10 0.00	31.75 -0.13 0.00	33.21 0.00 0.00	35.41 -0.04 0.00	39.60 -0.20 0.00	44.00 -0.35 0.00	53.03 -0.43 0.00	47.68 -0.43 0.00	38.63 -0.43 0.00	37.04 -0.34 0.00	33.72 -0.34 0.00
TIANA____69_KV_BK 1 55817	37.42 2.28 0.00	36.39 2.00 0.00	35.29 1.71 0.00	34.74 1.46 0.00	35.13 1.58 0.00	41.27 2.37 0.00	57.49 3.25 0.00	71.46 4.27 -0.43	54.29 3.07 0.00	48.63 2.46 -6.55	38.86 1.92 0.00	37.10 1.75 -0.95	34.57 1.74 0.00	33.30 1.46 0.00	36.88 1.79 -3.22	34.57 1.36 0.00	37.14 1.70 0.00	42.23 2.43 0.00	48.17 3.81 0.00	58.01 4.54 0.00	51.96 3.85 0.00	46.09 3.48 -3.55	40.30 2.92 0.00	36.21 2.15 0.00
TILDEN___115KV_TB1 80814	35.10 -0.04 0.00	34.36 -0.03 0.00	33.58 0.00 0.00	33.28 0.00 0.00	33.55 0.00 0.00	38.90 0.00 0.00	54.23 0.00 0.00	66.70 -0.07 0.00	51.06 -0.15 0.00	39.50 -0.12 0.00	36.90 -0.04 0.00	34.36 -0.03 0.00	32.70 -0.13 0.00	31.77 -0.06 0.00	31.79 -0.10 0.00	33.24 0.03 0.00	35.44 0.00 0.00	39.72 -0.08 0.00	44.14 -0.22 0.00	53.19 -0.27 0.00	47.82 -0.29 0.00	38.71 -0.35 0.00	37.12 -0.26 0.00	33.82 -0.24 0.00

TRIGEN___CC 323695	37.46 2.32 0.00	36.46 2.06 0.00	35.39 1.81 0.00	34.94 1.66 0.00	35.26 1.71 0.00	40.96 2.06 0.00	57.05 2.82 0.00	71.66 4.47 -0.43	54.60 3.38 0.00	48.94 2.77 -6.55	39.26 2.33 0.00	37.48 2.13 -0.95	34.96 2.13 0.00	33.74 1.91 0.00	37.23 2.14 -3.22	34.90 1.69 0.00	37.36 1.91 0.00	42.27 2.47 0.00	47.55 3.19 0.00	57.04 3.58 0.00	51.29 3.18 0.00	45.50 2.89 -3.55	39.88 2.50 0.00	36.17 2.11 0.00
TRINITY___115KV___4 BK 55933	36.65 1.51 0.00	35.81 1.41 0.00	34.89 1.31 0.00	34.51 1.23 0.00	34.79 1.24 0.00	40.30 1.40 0.00	56.13 1.90 0.00	69.10 2.34 0.00	52.81 1.59 0.00	40.77 1.15 0.00	37.82 0.89 0.00	35.22 0.83 0.00	33.65 0.82 0.00	32.37 0.54 0.00	32.30 0.41 0.00	33.47 0.27 0.00	35.76 0.32 0.00	40.08 0.28 0.00	44.94 0.58 0.00	54.21 0.75 0.00	48.78 0.67 0.00	39.76 0.70 0.00	38.02 0.64 0.00	34.78 0.72 0.00
UNION___PROCESSING_DRP 323587	34.51 -0.63 0.00	33.85 -0.55 0.00	33.21 -0.37 0.00	32.81 -0.47 0.00	33.15 -0.40 0.00	38.51 -0.39 0.00	53.36 -0.87 0.00	64.96 -1.80 0.00	50.04 -1.18 0.00	38.79 -0.83 0.00	36.35 -0.59 0.00	33.88 -0.52 0.00	32.04 -0.79 0.00	31.35 -0.48 0.00	31.28 -0.61 0.00	32.78 -0.43 0.00	34.80 -0.64 0.00	38.84 -0.96 0.00	43.03 -1.33 0.00	51.86 -1.60 0.00	46.72 -1.40 0.00	37.65 -1.41 0.00	36.26 -1.12 0.00	33.07 -0.99 0.00
UPPER HUDSON___HYD 24058	37.56 2.42 0.00	36.77 2.37 0.00	35.79 2.22 0.00	35.44 2.16 0.00	35.70 2.15 0.00	41.55 2.65 0.00	58.19 3.96 0.00	71.77 5.01 0.00	54.39 3.18 0.00	41.60 1.98 0.00	38.56 1.62 0.00	35.81 1.41 0.00	34.07 1.25 0.00	32.88 1.05 0.00	33.09 1.21 0.00	34.60 1.39 0.00	37.14 1.70 0.00	41.83 2.03 0.00	46.98 2.62 0.00	56.78 3.32 0.00	51.05 2.94 0.00	41.36 2.30 0.00	39.62 2.24 0.00	35.93 1.87 0.00
UPPER RAQUET___HYD 24056	33.27 -1.86 0.00	39.14 -1.68 -6.42	38.32 -1.58 -6.32	38.10 -1.46 -6.29	37.48 -1.44 -5.37	37.50 -1.40 0.00	52.66 -1.57 0.00	65.17 -1.94 -0.34	49.63 -1.59 0.00	38.20 -1.42 0.00	35.72 -1.22 0.00	33.30 -1.10 0.00	31.84 -0.98 0.00	30.88 -0.95 0.00	30.96 -0.93 0.00	32.24 -0.96 0.00	34.38 -1.06 0.00	38.73 -1.07 0.00	43.12 -1.24 0.00	52.07 -1.39 0.00	46.91 -1.20 0.00	38.01 -1.05 0.00	36.41 -0.97 0.00	33.11 -0.95 0.00
VALLEY44_115KV_TB2 355964	34.19 -0.95 0.00	33.64 -0.76 0.00	33.07 -0.50 0.00	32.71 -0.57 0.00	33.02 -0.54 0.00	38.32 -0.58 0.00	53.26 -0.98 0.00	64.49 -2.27 0.00	49.32 -1.90 0.00	38.23 -1.39 0.00	35.64 -1.29 0.00	33.26 -1.14 0.00	31.38 -1.44 0.00	30.78 -1.05 0.00	30.61 -1.28 0.00	32.08 -1.13 0.00	33.99 -1.45 0.00	37.93 -1.87 0.00	41.83 -2.53 0.00	50.52 -2.94 0.00	45.32 -2.79 0.00	36.33 -2.73 0.00	34.99 -2.39 0.00	32.15 -1.91 0.00
VALLEY___115KV_TB 1-4 80826	34.75 -0.39 0.00	33.92 -0.48 0.00	33.07 -0.50 0.00	32.81 -0.47 0.00	33.12 -0.44 0.00	38.47 -0.43 0.00	53.85 -0.38 0.00	65.63 -1.13 0.00	50.40 -0.82 0.00	39.03 -0.59 0.00	36.53 -0.41 0.00	34.06 -0.34 0.00	32.50 -0.33 0.00	31.55 -0.29 0.00	31.66 -0.22 0.00	33.24 0.03 0.00	35.41 -0.04 0.00	39.84 0.04 0.00	44.49 0.13 0.00	53.57 0.11 0.00	48.11 0.00 0.00	38.94 -0.12 0.00	37.08 -0.30 0.00	33.62 -0.44 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	36.97 1.83 0.00	36.19 1.79 0.00	35.32 1.75 0.00	34.98 1.70 0.00	35.26 1.71 0.00	41.00 2.10 0.00	57.32 3.09 0.00	70.84 4.07 0.00	54.29 3.07 0.00	41.64 2.02 0.00	38.56 1.63 0.00	35.88 1.48 0.00	34.21 1.38 0.00	33.20 1.37 0.00	33.28 1.40 0.00	34.83 1.63 0.00	37.00 1.56 0.00	41.67 1.87 0.00	46.62 2.26 0.00	56.19 2.73 0.00	50.52 2.41 0.00	40.97 1.91 0.00	39.21 1.83 0.00	35.63 1.57 0.00
VISCHER___FERRY HYD 24020	36.76 1.62 0.00	35.91 1.51 0.00	34.99 1.41 0.00	34.64 1.36 0.00	34.90 1.34 0.00	40.46 1.56 0.00	56.51 2.28 0.00	69.57 2.80 0.00	53.06 1.84 0.00	40.85 1.23 0.00	37.93 1.00 0.00	35.29 0.89 0.00	33.71 0.89 0.00	32.53 0.70 0.00	32.61 0.73 0.00	33.94 0.73 0.00	36.40 0.96 0.00	40.91 1.11 0.00	45.95 1.59 0.00	55.44 1.98 0.00	49.94 1.83 0.00	40.54 1.48 0.00	38.72 1.34 0.00	35.25 1.19 0.00
V_A_10_SYNC_DSASP 323832	33.91 -1.23 0.00	33.26 -1.13 0.00	32.71 -0.87 0.00	32.25 -1.03 0.00	32.55 -1.01 0.00	37.77 -1.13 0.00	52.12 -2.12 0.00	63.36 -3.40 0.00	48.61 -2.61 0.00	37.96 -1.66 0.00	35.57 -1.37 0.00	33.06 -1.34 0.00	31.28 -1.54 0.00	30.56 -1.27 0.00	30.41 -1.47 0.00	31.95 -1.26 0.00	33.99 -1.45 0.00	37.69 -2.11 0.00	41.83 -2.53 0.00	50.10 -3.37 0.00	45.13 -2.98 0.00	36.40 -2.66 0.00	35.17 -2.21 0.00	32.22 -1.84 0.00
V_CMM_10_SYNC_DSASP 323787	34.40 -0.74 0.00	33.78 -0.62 0.00	33.04 -0.54 0.00	32.81 -0.47 0.00	33.08 -0.47 0.00	38.51 -0.39 0.00	53.80 -0.44 0.00	66.16 -0.60 0.00	50.91 -0.31 0.00	39.35 -0.28 0.00	36.79 -0.15 0.00	34.30 -0.10 0.00	32.79 -0.03 0.00	31.80 -0.03 0.00	31.88 0.00 0.00	33.17 -0.03 0.00	35.34 -0.11 0.00	39.76 -0.04 0.00	44.18 -0.18 0.00	53.25 -0.21 0.00	47.97 -0.14 0.00	38.90 -0.16 0.00	37.30 -0.07 0.00	33.99 -0.07 0.00
V_CMP_10_SYNC_DSASP 323788	33.59 -1.55 0.00	-6.13 -1.38 39.15	-6.20 -1.28 38.50	-6.25 -1.20 38.33	-0.37 -1.21 32.72	37.81 -1.09 0.00	52.61 -1.63 0.00	62.36 -2.34 2.07	50.30 -0.92 0.00	39.07 -0.55 0.00	36.79 -0.15 0.00	34.43 0.03 0.00	32.99 0.16 0.00	31.99 0.16 0.00	32.04 0.16 0.00	33.41 0.20 0.00	35.66 0.21 0.00	40.24 0.44 0.00	44.85 0.49 0.00	54.11 0.64 0.00	48.78 0.67 0.00	39.49 0.43 0.00	37.79 0.41 0.00	34.71 0.65 0.00
V_D_10_SYNC_DSASP 323841	34.36 -0.77 0.00	35.15 -0.65 -1.41	34.43 -0.54 -1.39	34.19 -0.47 -1.38	34.26 -0.47 -1.18	38.55 -0.35 0.00	53.85 -0.38 0.00	66.37 -0.46 -0.07	50.91 -0.31 0.00	39.35 -0.28 0.00	36.79 -0.15 0.00	34.30 -0.10 0.00	32.76 -0.07 0.00	31.80 -0.03 0.00	31.85 -0.03 0.00	33.17 -0.03 0.00	35.34 -0.11 0.00	39.80 0.00 0.00	44.23 -0.13 0.00	53.30 -0.16 0.00	48.01 -0.10 0.00	38.94 -0.12 0.00	37.30 -0.07 0.00	33.99 -0.07 0.00
V_E_10_SYNC_DSASP 323830	37.28 2.14 0.00	36.60 2.20 0.00	35.73 2.15 0.00	35.54 2.26 0.00	35.94 2.38 0.00	42.01 3.11 0.00	59.44 5.21 0.00	73.50 6.74 0.00	55.47 4.25 0.00	42.04 2.42 0.00	38.86 1.92 0.00	36.05 1.65 0.00	34.30 1.48 0.00	33.33 1.50 0.00	33.51 1.63 0.00	35.47 2.26 0.00	37.89 2.44 0.00	42.91 3.11 0.00	47.91 3.55 0.00	57.79 4.33 0.00	51.58 3.47 0.00	41.52 2.46 0.00	39.77 2.39 0.00	35.97 1.91 0.00
V_F_30_NSYNC___DSASP 323816	37.25 2.11 0.00	36.46 2.06 0.00	35.49 1.91 0.00	35.14 1.86 0.00	35.40 1.84 0.00	41.12 2.22 0.00	57.48 3.25 0.00	70.84 4.07 0.00	53.83 2.61 0.00	41.32 1.70 0.00	38.30 1.37 0.00	35.57 1.17 0.00	33.94 1.12 0.00	32.82 0.99 0.00	32.97 1.08 0.00	34.40 1.19 0.00	36.93 1.49 0.00	41.55 1.75 0.00	46.62 2.26 0.00	56.29 2.83 0.00	50.66 2.55 0.00	41.09 2.03 0.00	39.28 1.91 0.00	35.69 1.63 0.00



V_F_30_SYNC_DSASP 323786	36.75 1.62 0.00	35.95 1.55 0.00	34.99 1.41 0.00	34.64 1.36 0.00	34.93 1.38 0.00	40.46 1.56 0.00	56.35 2.12 0.00	69.43 2.67 0.00	53.01 1.79 0.00	40.93 1.31 0.00	37.97 1.03 0.00	35.36 0.96 0.00	33.78 0.95 0.00	32.50 0.67 0.00	32.42 0.54 0.00	33.61 0.40 0.00	35.90 0.46 0.00	40.24 0.44 0.00	45.11 0.75 0.00	54.37 0.91 0.00	48.93 0.82 0.00	39.88 0.82 0.00	38.13 0.75 0.00	34.88 0.82 0.00
V_XM_10_SYNC_DSASP 323789	33.59 -1.55 0.00	-6.13 -1.38 39.15	-6.20 -1.28 38.50	-6.25 -1.20 38.33	-0.37 -1.21 32.72	37.81 -1.09 0.00	52.61 -1.63 0.00	62.36 -2.34 2.07	50.30 -0.92 0.00	39.07 -0.55 0.00	36.79 -0.15 0.00	34.43 0.03 0.00	32.99 0.16 0.00	31.99 0.16 0.00	32.04 0.16 0.00	33.41 0.20 0.00	35.66 0.21 0.00	40.24 0.44 0.00	44.85 0.49 0.00	54.11 0.64 0.00	48.78 0.67 0.00	39.49 0.43 0.00	37.79 0.41 0.00	34.71 0.65 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	36.82 1.69 0.00	35.91 1.51 0.00	34.92 1.34 0.00	34.54 1.26 0.00	34.79 1.24 0.00	40.34 1.44 0.00	56.40 2.17 0.00	69.90 3.14 0.00	53.52 2.30 0.00	41.56 1.94 0.00	38.45 1.51 0.00	35.78 1.38 0.00	34.24 1.41 0.00	33.11 1.27 0.00	33.28 1.40 0.00	34.54 1.33 0.00	36.75 1.31 0.00	41.43 1.63 0.00	46.40 2.04 0.00	55.92 2.46 0.00	50.37 2.26 0.00	40.97 1.91 0.00	39.02 1.64 0.00	35.49 1.43 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	37.21 2.07 0.00	36.26 1.86 0.00	35.19 1.61 0.00	34.84 1.56 0.00	35.13 1.58 0.00	40.57 1.67 0.00	56.73 2.49 0.00	70.37 3.61 0.00	54.09 2.87 0.00	42.00 2.38 0.00	38.89 1.96 0.00	36.19 1.79 0.00	34.70 1.87 0.00	33.58 1.75 0.00	33.70 1.82 0.00	34.93 1.73 0.00	37.29 1.84 0.00	42.03 2.23 0.00	47.07 2.71 0.00	56.62 3.15 0.00	51.00 2.89 0.00	41.52 2.46 0.00	39.47 2.09 0.00	35.93 1.87 0.00
W50THST__13_KV_LOAD 356117	37.39 2.25 0.00	36.39 2.00 0.00	35.32 1.75 0.00	34.98 1.70 0.00	35.26 1.71 0.00	40.77 1.87 0.00	57.05 2.82 0.00	70.77 4.01 0.00	54.44 3.23 0.00	42.31 2.69 0.00	39.15 2.22 0.00	36.43 2.03 0.00	34.96 2.13 0.00	33.87 2.04 0.00	33.95 2.07 0.00	35.20 1.99 0.00	37.57 2.13 0.00	42.35 2.55 0.00	47.33 2.97 0.00	56.88 3.42 0.00	51.24 3.13 0.00	41.68 2.62 0.00	39.62 2.24 0.00	36.07 2.01 0.00
WADING RIVER_IC_1 23522	37.07 1.93 0.00	35.95 1.55 0.00	34.72 1.14 0.00	34.34 1.06 0.00	34.69 1.14 0.00	40.84 1.94 0.00	57.75 3.52 0.00	70.73 3.54 -0.43	53.89 2.66 -0.01	48.24 2.06 -6.56	38.53 1.59 -0.01	36.87 1.51 -0.96	34.31 1.48 -0.01	33.01 1.18 0.00	36.60 1.50 -3.22	34.30 1.09 0.00	36.79 1.35 0.00	41.83 2.03 0.00	47.83 3.46 -0.01	57.68 4.22 0.00	52.10 3.99 0.00	45.62 3.01 -3.56	39.85 2.47 0.00	35.83 1.77 0.00
WADING RIVER_IC_2 23547	37.07 1.93 0.00	35.95 1.55 0.00	34.72 1.14 0.00	34.34 1.06 0.00	34.69 1.14 0.00	40.84 1.94 0.00	57.75 3.52 0.00	70.73 3.54 -0.43	53.89 2.66 -0.01	48.24 2.06 -6.56	38.53 1.59 -0.01	36.87 1.51 -0.96	34.31 1.48 -0.01	33.01 1.18 0.00	36.60 1.50 -3.22	34.30 1.09 0.00	36.79 1.35 0.00	41.83 2.03 0.00	47.83 3.46 -0.01	57.68 4.22 0.00	52.10 3.99 0.00	45.62 3.01 -3.56	39.85 2.47 0.00	35.83 1.77 0.00
WADING RIVER_IC_3 23601	37.07 1.93 0.00	35.95 1.55 0.00	34.72 1.14 0.00	34.34 1.06 0.00	34.69 1.14 0.00	40.84 1.94 0.00	57.75 3.52 0.00	70.73 3.54 -0.43	53.89 2.66 -0.01	48.24 2.06 -6.56	38.53 1.59 -0.01	36.87 1.51 -0.96	34.31 1.48 -0.01	33.01 1.18 0.00	36.60 1.50 -3.22	34.30 1.09 0.00	36.79 1.35 0.00	41.83 2.03 0.00	47.83 3.46 -0.01	57.68 4.22 0.00	52.10 3.99 0.00	45.62 3.01 -3.56	39.85 2.47 0.00	35.83 1.77 0.00
WALDENNY_12_KV_BK2 80841	34.26 -0.88 0.00	33.68 -0.72 0.00	33.14 -0.44 0.00	32.71 -0.57 0.00	33.12 -0.44 0.00	38.47 -0.43 0.00	53.09 -1.14 0.00	63.96 -2.80 0.00	49.42 -1.79 0.00	38.35 -1.27 0.00	35.94 -1.00 0.00	33.54 -0.86 0.00	31.61 -1.21 0.00	31.07 -0.76 0.00	30.92 -0.96 0.00	32.48 -0.73 0.00	34.34 -1.10 0.00	38.13 -1.67 0.00	41.96 -2.40 0.00	50.52 -2.94 0.00	45.37 -2.74 0.00	36.44 -2.62 0.00	35.29 -2.09 0.00	32.32 -1.74 0.00
WALDEN__HYDRO 24148	36.79 1.65 0.00	35.91 1.51 0.00	34.89 1.31 0.00	34.54 1.26 0.00	34.79 1.24 0.00	40.22 1.32 0.00	56.18 1.95 0.00	69.50 2.74 0.00	53.16 1.95 0.00	41.25 1.62 0.00	38.16 1.22 0.00	35.47 1.07 0.00	33.94 1.12 0.00	32.85 1.02 0.00	33.00 1.12 0.00	34.30 1.10 0.00	36.61 1.17 0.00	41.27 1.47 0.00	46.22 1.86 0.00	55.71 2.25 0.00	50.13 2.02 0.00	40.82 1.76 0.00	38.91 1.53 0.00	35.42 1.36 0.00
WARRENSBURG____ 23737	37.56 2.42 0.00	36.77 2.37 0.00	35.79 2.22 0.00	35.44 2.16 0.00	35.70 2.15 0.00	41.55 2.65 0.00	58.08 3.85 0.00	71.57 4.81 0.00	54.24 3.02 0.00	41.56 1.94 0.00	38.45 1.51 0.00	35.71 1.31 0.00	34.01 1.18 0.00	32.82 0.99 0.00	33.03 1.15 0.00	34.50 1.30 0.00	37.07 1.63 0.00	41.79 1.99 0.00	46.93 2.57 0.00	56.67 3.21 0.00	50.95 2.84 0.00	41.36 2.30 0.00	39.62 2.24 0.00	35.93 1.87 0.00
WATERSIDE____6 8 9 23538	35.73 2.28 1.69	34.11 2.03 2.31	33.01 1.81 2.38	33.23 1.76 1.81	33.48 1.78 1.85	39.55 1.91 1.26	56.89 2.66 0.00	70.50 3.74 0.00	54.67 3.02 -0.43	50.38 2.46 -8.30	49.81 2.07 -10.81	40.26 1.93 -3.93	39.85 1.97 -5.06	48.16 1.85 -14.48	40.67 1.91 -6.88	49.14 1.83 -14.10	49.77 1.95 -12.38	51.60 2.35 -9.45	51.70 2.88 -4.46	56.77 3.31 0.01	51.20 3.08 -0.01	41.72 2.66 -0.01	38.06 2.28 1.60	34.27 2.04 1.84
WATKINRD_115KV_LN8_ILLION 55919	34.96 -0.18 0.00	34.19 -0.21 0.00	33.34 -0.24 0.00	33.05 -0.23 0.00	33.35 -0.20 0.00	38.74 -0.16 0.00	54.12 -0.11 0.00	66.50 -0.27 0.00	51.01 -0.20 0.00	39.42 -0.20 0.00	36.79 -0.15 0.00	34.30 -0.10 0.00	32.73 -0.10 0.00	31.74 -0.10 0.00	31.82 -0.06 0.00	33.24 0.03 0.00	35.48 0.04 0.00	39.88 0.08 0.00	44.54 0.18 0.00	53.68 0.21 0.00	48.26 0.14 0.00	39.06 0.00 0.00	37.27 -0.11 0.00	33.86 -0.20 0.00
WATSON____69_KV_BK 1 55734	37.84 2.71 0.00	36.81 2.41 0.00	35.69 2.12 0.00	35.18 1.90 0.00	35.53 1.98 0.00	41.55 2.65 0.00	57.81 3.58 0.00	72.26 5.07 -0.43	54.96 3.74 0.00	49.18 3.01 -6.55	39.41 2.47 0.00	37.65 2.30 -0.95	35.06 2.23 0.00	33.81 1.97 0.00	37.36 2.26 -3.22	35.03 1.83 0.00	37.64 2.20 0.00	42.71 2.91 0.00	48.35 3.99 0.00	58.06 4.60 0.00	52.01 3.90 0.00	46.28 3.67 -3.55	40.48 3.10 0.00	36.58 2.52 0.00
WDELAWARE__HYD 323627	36.79 1.65 0.00	36.02 1.62 0.00	34.99 1.41 0.00	34.68 1.40 0.00	34.90 1.34 0.00	40.38 1.48 0.00	56.51 2.28 0.00	69.70 2.93 0.00	53.37 2.15 0.00	41.32 1.70 0.00	38.15 1.22 0.00	35.47 1.07 0.00	33.78 0.95 0.00	32.63 0.80 0.00	32.84 0.96 0.00	34.17 0.96 0.00	36.54 1.10 0.00	41.19 1.39 0.00	46.18 1.82 0.00	55.71 2.25 0.00	50.13 2.02 0.00	40.62 1.56 0.00	38.80 1.42 0.00	35.28 1.22 0.00

WEST BABYLON___IC 23714	37.84 2.71 0.00	36.81 2.41 0.00	35.73 2.15 0.00	35.21 1.93 0.00	35.57 2.01 0.00	41.47 2.57 0.00	57.76 3.53 0.00	72.26 5.07 -0.43	55.01 3.79 0.00	49.22 3.05 -6.55	39.45 2.51 0.00	37.69 2.34 -0.95	35.09 2.27 0.00	33.87 2.04 0.00	37.39 2.30 -3.22	35.07 1.86 0.00	37.64 2.20 0.00	42.67 2.87 0.00	48.26 3.90 0.00	57.90 4.44 0.00	51.91 3.80 0.00	46.16 3.55 -3.55	40.41 3.03 0.00	36.55 2.49 0.00
WEST CANADA___HYD 24049	35.31 0.18 0.00	34.57 0.17 0.00	33.71 0.13 0.00	33.41 0.13 0.00	33.72 0.17 0.00	39.10 0.20 0.00	54.56 0.33 0.00	67.23 0.47 0.00	51.47 0.26 0.00	39.78 0.16 0.00	37.05 0.11 0.00	34.47 0.07 0.00	32.93 0.10 0.00	31.90 0.06 0.00	31.98 0.10 0.00	33.31 0.10 0.00	35.55 0.11 0.00	39.96 0.16 0.00	44.63 0.27 0.00	53.79 0.32 0.00	48.40 0.29 0.00	39.30 0.24 0.00	37.57 0.19 0.00	34.20 0.14 0.00
WESTERN_NY_WIND 24143	34.72 -0.42 0.00	34.09 -0.31 0.00	33.54 -0.03 0.00	33.15 -0.13 0.00	33.52 -0.03 0.00	39.02 0.12 0.00	54.01 -0.22 0.00	65.30 -1.47 0.00	50.40 -0.82 0.00	38.95 -0.67 0.00	36.49 -0.44 0.00	33.99 -0.41 0.00	32.01 -0.82 0.00	31.45 -0.38 0.00	31.31 -0.57 0.00	32.88 -0.33 0.00	34.88 -0.57 0.00	38.96 -0.84 0.00	42.98 -1.38 0.00	51.86 -1.60 0.00	46.72 -1.40 0.00	37.54 -1.52 0.00	36.22 -1.16 0.00	33.04 -1.02 0.00
WESTOVER___LESR 323668	35.35 0.21 0.00	34.64 0.24 0.00	33.85 0.27 0.00	33.55 0.27 0.00	33.82 0.27 0.00	39.25 0.35 0.00	54.67 0.43 0.00	67.10 0.33 0.00	51.27 0.05 0.00	39.66 0.04 0.00	36.94 0.00 0.00	34.36 -0.03 0.00	32.70 -0.13 0.00	31.80 -0.03 0.00	31.82 -0.06 0.00	33.24 0.03 0.00	35.48 0.04 0.00	39.80 0.00 0.00	44.27 -0.09 0.00	53.36 -0.11 0.00	47.97 -0.14 0.00	38.75 -0.31 0.00	37.16 -0.22 0.00	33.89 -0.17 0.00
WETHRSFD_WT_PWR 323626	33.63 -1.51 0.00	33.13 -1.27 0.00	32.67 -0.91 0.00	32.41 -0.87 0.00	32.81 -0.74 0.00	38.20 -0.70 0.00	53.04 -1.19 0.00	64.56 -2.20 0.00	49.12 -2.10 0.00	38.20 -1.42 0.00	35.64 -1.29 0.00	33.19 -1.20 0.00	31.42 -1.41 0.00	30.65 -1.18 0.00	30.51 -1.37 0.00	32.08 -1.13 0.00	34.17 -1.27 0.00	38.05 -1.75 0.00	42.14 -2.22 0.00	50.47 -2.99 0.00	45.13 -2.98 0.00	36.21 -2.85 0.00	34.73 -2.65 0.00	31.64 -2.42 0.00
WHAVSTOR_138KV_BK127 55557	36.75 1.62 0.00	35.81 1.41 0.00	34.82 1.24 0.00	34.48 1.20 0.00	34.73 1.17 0.00	40.11 1.21 0.00	56.02 1.79 0.00	69.50 2.74 0.00	53.22 2.00 0.00	41.28 1.66 0.00	38.23 1.29 0.00	35.57 1.17 0.00	34.07 1.25 0.00	32.98 1.15 0.00	33.09 1.21 0.00	34.34 1.13 0.00	36.68 1.24 0.00	41.31 1.51 0.00	46.31 1.95 0.00	55.81 2.35 0.00	50.23 2.12 0.00	40.90 1.84 0.00	38.91 1.53 0.00	35.42 1.36 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	36.75 1.62 0.00	35.81 1.41 0.00	34.82 1.24 0.00	34.48 1.20 0.00	34.73 1.17 0.00	40.11 1.21 0.00	56.02 1.79 0.00	69.50 2.74 0.00	53.22 2.00 0.00	41.28 1.66 0.00	38.23 1.29 0.00	35.57 1.17 0.00	34.07 1.25 0.00	32.98 1.15 0.00	33.09 1.21 0.00	34.34 1.13 0.00	36.68 1.24 0.00	41.31 1.51 0.00	46.31 1.95 0.00	55.81 2.35 0.00	50.23 2.12 0.00	40.90 1.84 0.00	38.91 1.53 0.00	35.42 1.36 0.00
WHITEHAL_115KV_TB1 80871	37.95 2.81 0.00	37.18 2.79 0.00	36.23 2.65 0.00	35.81 2.53 0.00	36.07 2.52 0.00	42.09 3.19 0.00	58.90 4.66 0.00	72.57 5.81 0.00	54.75 3.53 0.00	41.80 2.18 0.00	38.60 1.66 0.00	35.84 1.44 0.00	34.14 1.31 0.00	32.91 1.08 0.00	33.16 1.28 0.00	34.73 1.53 0.00	37.36 1.91 0.00	42.23 2.43 0.00	47.55 3.19 0.00	57.47 4.01 0.00	51.67 3.56 0.00	41.91 2.85 0.00	40.11 2.73 0.00	36.34 2.28 0.00
WHITEPLN_13_KV_LOAD 356215	37.35 2.21 0.00	36.43 2.03 0.00	35.39 1.81 0.00	35.01 1.73 0.00	35.26 1.71 0.00	40.77 1.87 0.00	56.94 2.71 0.00	70.84 4.07 0.00	54.24 3.02 0.00	42.08 2.46 0.00	38.97 2.03 0.00	36.22 1.82 0.00	34.70 1.87 0.00	33.58 1.75 0.00	33.79 1.91 0.00	35.03 1.83 0.00	37.46 2.02 0.00	42.23 2.43 0.00	47.29 2.93 0.00	56.88 3.42 0.00	51.19 3.08 0.00	41.72 2.66 0.00	39.66 2.28 0.00	36.00 1.94 0.00
WM_FLOYD_69_KV_BK2 356380	37.32 2.18 0.00	36.29 1.89 0.00	35.19 1.61 0.00	34.64 1.36 0.00	35.03 1.48 0.00	41.08 2.18 0.00	57.16 2.93 0.00	71.20 4.01 -0.43	54.14 2.92 0.00	48.51 2.34 -6.55	38.75 1.81 0.00	37.04 1.69 -0.95	34.50 1.67 0.00	33.26 1.43 0.00	36.82 1.72 -3.22	34.47 1.26 0.00	37.04 1.59 0.00	42.07 2.27 0.00	47.91 3.55 0.00	57.58 4.12 0.00	51.62 3.51 0.00	45.85 3.24 -3.55	40.07 2.69 0.00	36.10 2.04 0.00
WOODARD___115KV_TB2 355635	34.93 -0.21 0.00	34.23 -0.17 0.00	33.44 -0.13 0.00	33.15 -0.13 0.00	33.42 -0.13 0.00	38.74 -0.16 0.00	53.96 -0.27 0.00	66.30 -0.47 0.00	50.81 -0.41 0.00	39.34 -0.28 0.00	36.79 -0.15 0.00	34.23 -0.17 0.00	32.60 -0.23 0.00	31.67 -0.16 0.00	31.69 -0.19 0.00	33.14 -0.07 0.00	35.30 -0.14 0.00	39.52 -0.28 0.00	43.92 -0.44 0.00	52.93 -0.53 0.00	47.63 -0.48 0.00	38.55 -0.51 0.00	36.97 -0.41 0.00	33.69 -0.37 0.00
YORK___WARBASSE 23770	53.43 2.53 -15.76	52.78 2.30 -16.07	52.18 2.08 -16.52	52.18 2.03 -16.87	52.81 2.01 -17.24	52.80 2.18 -11.72	57.27 3.04 0.00	70.97 4.21 0.00	59.80 3.33 -5.25	68.28 2.69 -25.96	69.48 2.22 -30.32	61.69 2.06 -25.23	63.11 2.13 -28.15	75.91 2.04 -42.05	67.03 2.10 -33.04	75.28 2.03 -40.05	73.32 2.13 -35.75	70.40 2.59 -28.02	63.96 3.11 -16.50	67.93 3.69 -10.78	58.94 3.37 -7.46	59.53 2.85 -17.62	54.88 2.54 -14.96	53.45 2.28 -17.11