

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses														--- Marginal Cost of Congestion										11/16/2025	
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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST		
		42.01	39.83	38.80	37.62	35.99	36.97	39.70	41.96	40.43	39.92	38.83	38.61	41.15	41.77	43.93	48.40	56.19	65.93	62.49	55.75	50.16	46.72	43.04	42.05		
		2.45	2.18	2.09	1.89	1.97	2.13	2.21	2.26	2.36	2.61	2.54	2.69	2.98	3.09	3.29	3.54	4.21	4.49	4.20	3.94	3.54	3.50	3.04	2.71		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	42.13	40.05	38.91	37.69	36.09	37.04	39.77	42.04	40.51	39.99	38.90	38.65	41.23	41.85	44.01	48.49	56.29	66.06	62.61	55.91	50.30	46.80	43.16	42.17		
		2.57	2.41	2.20	1.97	2.07	2.20	2.29	2.34	2.44	2.69	2.61	2.73	3.05	3.17	3.37	3.63	4.31	4.61	4.31	4.09	3.68	3.59	3.16	2.83		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	42.13	40.05	38.91	37.69	36.09	37.04	39.77	42.04	40.51	39.99	38.90	38.65	41.23	41.85	44.01	48.49	56.29	66.06	62.61	55.91	50.30	46.80	43.16	42.17		
		2.57	2.41	2.20	1.97	2.07	2.20	2.29	2.34	2.44	2.69	2.61	2.73	3.05	3.17	3.37	3.63	4.31	4.61	4.31	4.09	3.68	3.59	3.16	2.83		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	42.13	40.09	39.09	38.01	36.19	37.18	39.92	42.27	40.51	39.58	38.54	38.18	40.58	41.15	43.32	48.09	55.88	66.06	62.61	55.49	50.02	46.41	42.84	42.21		
		2.57	2.45	2.39	2.29	2.18	2.33	2.44	2.58	2.44	2.28	2.25	2.26	2.41	2.48	2.68	3.23	3.90	4.61	4.31	3.68	3.40	3.20	2.84	2.87		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ADK RESOURCE___RCVRY	23798	42.33	40.20	39.28	38.19	36.33	37.32	40.07	42.43	40.62	39.70	38.65	38.29	40.69	41.23	43.40	48.23	56.08	66.37	62.96	55.75	50.25	46.63	43.04	42.36		
		2.77	2.56	2.57	2.46	2.31	2.47	2.58	2.74	2.55	2.39	2.36	2.37	2.52	2.55	2.76	3.37	4.11	4.92	4.67	3.94	3.64	3.41	3.04	3.03		
		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		
ADK S GLENS___FALLS	24028	42.13	40.09	39.09	38.01	36.19	37.18	39.92	42.27	40.51	39.58	38.54	38.18	40.58	41.15	43.32	48.09	55.88	66.06	62.61	55.49	50.02	46.41	42.84	42.21		
		2.57	2.45	2.39	2.29	2.18	2.33	2.44	2.58	2.44	2.28	2.25	2.26	2.41	2.48	2.68	3.23	3.90	4.61	4.31	3.68	3.40	3.20	2.84	2.87		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ADK_NYS___DAM	23527	41.70	39.67	38.73	37.69	35.85	36.76	39.51	41.84	40.12	39.36	38.28	37.96	40.39	41.00	43.07	47.64	55.10	64.83	61.44	54.61	49.13	45.59	42.12	41.65		
		2.13	2.03	2.02	1.96	1.84	1.92	2.02	2.14	2.05	2.05	1.99	2.05	2.21	2.32	2.44	2.78	3.12	3.38	3.15	2.80	2.52	2.38	2.12	2.32		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	40.27	38.62	37.66	36.62	34.86	35.78	38.43	40.65	38.72	37.98	36.98	36.64	38.98	39.57	41.57	45.89	52.91	62.19	58.94	52.43	47.18	43.95	40.76	40.28		
		0.71	0.98	0.95	0.89	0.85	0.94	0.94	0.95	0.65	0.67	0.69	0.72	0.80	0.89	0.93	1.03	0.94	0.74	0.64	0.62	0.56	0.73	0.76	0.94		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	39.48	37.57	36.56	35.55	33.78	34.49	37.23	39.42	37.76	36.86	35.85	35.49	37.68	38.14	40.07	44.23	51.30	60.53	57.54	51.19	46.15	42.74	39.56	38.90		
		-0.08	-0.08	-0.15	-0.18	-0.24	-0.35	-0.26	-0.28	-0.30	-0.45	-0.44	-0.43	-0.50	-0.54	-0.57	-0.63	-0.68	-0.92	-0.76	-0.62	-0.47	-0.48	-0.44	-0.43		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	40.98	39.11	38.18	37.16	35.31	36.24	38.88	41.08	39.21	38.32	37.27	36.92	39.28	39.91	42.02	46.52	53.85	63.47	60.22	53.52	48.15	44.82	41.44	40.91		
		1.42	1.47	1.47	1.43	1.29	1.40	1.39	1.39	1.14	1.01	0.98	1.00	1.11	1.24	1.38	1.66	1.87	2.02	1.92	1.71	1.54	1.60	1.44	1.58		
		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_SOLAR	323834	40.98	39.07	38.18	37.16	35.31	36.20	38.88	41.08	39.21	38.32	37.27	36.89	39.28	39.91	42.02	46.52	53.85	63.47	60.16	53.47	48.15	44.82	41.44	40.91		
		1.42	1.43	1.47	1.43	1.29	1.36	1.39	1.39	1.14	1.01	0.98	0.97	1.11	1.24	1.38	1.66	1.87	2.02	1.86	1.66	1.54	1.60	1.44	1.58		
		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___1	23571	40.27	38.62	37.66	36.62	34.86	35.78	38.43	40.65	38.72	37.98	36.98	36.64	38.98	39.57	41.57	45.89	52.91	62.19	58.94	52.43	47.18	43.95	40.76	40.28		
		0.71	0.98	0.95	0.89	0.85	0.94	0.94	0.95	0.65	0.67	0.69	0.72	0.80	0.89	0.93	1.03	0.94	0.74	0.64	0.62	0.56	0.73	0.76	0.94		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	40.27 0.71 0.00	38.62 0.98 0.00	37.66 0.95 0.00	36.62 0.89 0.00	34.86 0.85 0.00	35.78 0.94 0.00	38.43 0.94 0.00	40.65 0.95 0.00	38.72 0.65 0.00	37.98 0.67 0.00	36.98 0.69 0.00	36.64 0.72 0.00	38.98 0.80 0.00	39.57 0.89 0.00	41.57 0.93 0.00	45.89 1.03 0.00	52.91 0.94 0.00	62.19 0.74 0.00	58.94 0.64 0.00	52.43 0.62 0.00	47.18 0.56 0.00	43.95 0.73 0.00	40.76 0.76 0.00	40.28 0.94 0.00
ALBANY___3 23573	40.27 0.71 0.00	38.62 0.98 0.00	37.66 0.95 0.00	36.62 0.89 0.00	34.86 0.85 0.00	35.78 0.94 0.00	38.43 0.94 0.00	40.65 0.95 0.00	38.72 0.65 0.00	37.98 0.67 0.00	36.98 0.69 0.00	36.64 0.72 0.00	38.98 0.80 0.00	39.57 0.89 0.00	41.57 0.93 0.00	45.89 1.03 0.00	52.91 0.94 0.00	62.19 0.74 0.00	58.94 0.64 0.00	52.43 0.62 0.00	47.18 0.56 0.00	43.95 0.73 0.00	40.76 0.76 0.00	40.28 0.94 0.00
ALBANY___4 23574	40.27 0.71 0.00	38.62 0.98 0.00	37.66 0.95 0.00	36.62 0.89 0.00	34.86 0.85 0.00	35.78 0.94 0.00	38.43 0.94 0.00	40.65 0.95 0.00	38.72 0.65 0.00	37.98 0.67 0.00	36.98 0.69 0.00	36.64 0.72 0.00	38.98 0.80 0.00	39.57 0.89 0.00	41.57 0.93 0.00	45.89 1.03 0.00	52.91 0.94 0.00	62.19 0.74 0.00	58.94 0.64 0.00	52.43 0.62 0.00	47.18 0.56 0.00	43.95 0.73 0.00	40.76 0.76 0.00	40.28 0.94 0.00
ALBANY___LFGE 323615	40.67 1.11 0.00	38.88 1.24 0.00	37.99 1.28 0.00	36.98 1.25 0.00	35.13 1.12 0.00	36.06 1.22 0.00	38.72 1.24 0.00	40.96 1.27 0.00	39.06 0.99 0.00	38.28 0.97 0.00	37.30 1.01 0.00	36.96 1.04 0.00	39.32 1.14 0.00	39.95 1.27 0.00	41.97 1.34 0.00	46.34 1.48 0.00	53.43 1.45 0.00	62.80 1.35 0.00	59.52 1.23 0.00	52.90 1.09 0.00	47.64 1.02 0.00	44.34 1.12 0.00	41.08 1.08 0.00	40.63 1.30 0.00
ALCOA_PA_115KV_PL-6C 55860	39.72 0.16 0.00	37.79 0.15 0.00	36.78 0.07 0.00	35.80 0.07 0.00	33.98 -0.03 0.00	34.70 -0.14 0.00	37.45 -0.04 0.00	39.65 -0.04 0.00	37.95 -0.11 0.00	37.05 -0.26 0.00	36.03 -0.25 0.00	35.67 -0.25 0.00	37.87 -0.31 0.00	38.33 -0.35 0.00	40.23 -0.41 0.00	44.41 -0.45 0.00	51.56 -0.42 0.00	60.77 -0.68 0.00	57.83 -0.47 0.00	51.50 -0.31 0.00	46.43 -0.19 0.00	43.00 -0.22 0.00	39.80 -0.20 0.00	39.18 -0.16 0.00
ALCOA_RYNLDS___DRP 24188	39.72 0.16 0.00	37.79 0.15 0.00	36.78 0.07 0.00	35.80 0.07 0.00	33.98 -0.03 0.00	34.70 -0.14 0.00	37.45 -0.04 0.00	39.65 -0.04 0.00	37.95 -0.11 0.00	37.05 -0.26 0.00	36.03 -0.25 0.00	35.67 -0.25 0.00	37.87 -0.31 0.00	38.33 -0.35 0.00	40.23 -0.41 0.00	44.41 -0.45 0.00	51.56 -0.42 0.00	60.77 -0.68 0.00	57.83 -0.47 0.00	51.50 -0.31 0.00	46.43 -0.19 0.00	43.00 -0.22 0.00	39.80 -0.20 0.00	39.18 -0.16 0.00
ALCOA___DSASP 323711	39.72 0.16 0.00	37.79 0.15 0.00	36.78 0.07 0.00	35.80 0.07 0.00	33.98 -0.03 0.00	34.70 -0.14 0.00	37.45 -0.04 0.00	39.65 -0.04 0.00	37.95 -0.11 0.00	37.05 -0.26 0.00	36.03 -0.25 0.00	35.67 -0.25 0.00	37.87 -0.31 0.00	38.33 -0.35 0.00	40.23 -0.41 0.00	44.41 -0.45 0.00	51.56 -0.42 0.00	60.77 -0.68 0.00	57.83 -0.47 0.00	51.50 -0.31 0.00	46.43 -0.19 0.00	43.00 -0.22 0.00	39.80 -0.20 0.00	39.18 -0.16 0.00
ALLEGHENY___COGEN 23514	37.56 -1.98 0.02	35.81 -1.81 0.02	34.70 -1.98 0.02	34.04 -1.68 0.01	32.82 -1.19 0.00	33.52 -1.32 0.00	36.36 -1.12 0.00	38.74 -0.95 0.00	36.70 -1.37 0.00	35.35 -1.94 0.01	34.05 -2.21 0.02	33.42 -2.48 0.02	35.82 -2.33 0.02	36.26 -2.40 0.02	38.13 -2.48 0.02	42.46 -2.38 0.02	49.36 -2.60 0.02	60.46 -0.99 0.00	57.95 -0.35 0.00	50.87 -0.93 0.01	45.82 -0.79 0.00	42.16 -1.04 0.02	39.44 -0.56 0.00	38.55 -0.79 0.00
ALTAMONT_115KV_TB 2 55880	40.47 0.91 0.00	38.58 0.94 0.00	37.66 0.95 0.00	36.62 0.89 0.00	34.86 0.85 0.00	35.78 0.94 0.00	38.43 0.94 0.00	40.65 0.95 0.00	38.91 0.84 0.00	38.17 0.86 0.00	37.12 0.83 0.00	36.82 0.90 0.00	39.17 0.99 0.00	39.72 1.04 0.00	41.77 1.14 0.00	46.11 1.26 0.00	53.33 1.35 0.00	62.80 1.35 0.00	59.58 1.28 0.00	53.00 1.19 0.00	47.69 1.07 0.00	44.30 1.08 0.00	41.00 1.00 0.00	40.40 1.06 0.00
ALTONA_WT_PWR 323606	39.40 -0.16 0.00	37.46 -0.19 0.00	36.38 -0.33 0.00	35.16 -0.57 0.00	33.30 -0.72 0.00	33.97 -0.87 0.00	36.63 -0.86 0.00	38.74 -0.95 0.00	37.08 -0.99 0.00	36.11 -1.20 0.00	35.02 -1.27 0.00	34.59 -1.33 0.00	36.69 -1.49 0.00	37.13 -1.55 0.00	38.97 -1.67 0.00	43.06 -1.80 0.00	50.00 -1.98 0.00	58.93 -2.52 0.00	56.08 -2.22 0.00	49.90 -1.92 0.00	44.98 -1.63 0.00	41.66 -1.55 0.00	38.52 -1.48 0.00	37.92 -1.41 0.00
AMERICAN_REF_FUEL 24010	34.88 -4.67 0.01	33.53 -4.10 0.01	32.62 -4.08 0.01	31.93 -3.79 0.01	30.95 -3.06 0.00	31.57 -3.28 0.00	34.30 -3.19 0.00	36.40 -3.29 0.00	34.11 -3.96 0.00	33.27 -4.03 0.01	32.03 -4.25 0.01	31.52 -4.38 0.01	33.92 -4.24 0.01	34.25 -4.41 0.01	35.78 -4.84 0.01	39.51 -5.34 0.01	45.05 -6.91 0.01	54.87 -6.57 0.00	52.29 -6.00 0.00	45.69 -6.11 0.01	41.21 -5.41 0.00	38.19 -5.01 0.01	36.36 -3.64 0.00	36.11 -3.22 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	34.36 -5.18 0.02	32.77 -4.86 0.02	31.99 -4.70 0.02	31.32 -4.40 0.01	30.10 -3.91 0.00	30.62 -4.22 0.00	33.36 -4.12 0.00	35.45 -4.25 0.00	33.61 -4.45 0.00	32.86 -4.44 0.01	31.73 -4.54 0.02	31.37 -4.53 0.02	33.50 -4.66 0.02	33.90 -4.76 0.02	35.38 -5.24 0.02	39.10 -5.74 0.02	44.84 -7.12 0.02	55.92 -5.53 0.00	53.22 -5.07 0.00	46.73 -5.08 0.01	41.21 -5.41 0.00	38.05 -5.14 0.02	36.00 -4.00 0.00	35.44 -3.89 0.00
ARTHUR KILL_GT_1 23520	42.54 2.97 -0.01	40.32 2.67 0.00	39.20 2.50 0.00	37.87 2.14 0.00	36.33 2.31 0.00	37.18 2.33 0.00	39.81 2.32 0.00	42.04 2.34 0.00	40.39 2.32 0.00	39.96 2.65 0.00	38.86 2.58 0.00	38.68 2.77 0.00	41.27 3.09 0.00	41.96 3.29 0.00	44.13 3.49 0.00	48.54 3.68 0.00	56.14 4.16 0.00	65.50 4.06 0.00	62.03 3.73 0.00	55.85 4.04 0.00	50.53 3.92 0.00	47.07 3.85 -0.01	43.49 3.48 -0.01	42.49 3.15 -0.01
ARTHUR_KILL_2 23512	42.54 2.97 -0.01	40.25 2.60 -0.01	39.28 2.57 0.00	38.02 2.29 0.00	36.29 2.28 0.00	37.14 2.30 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.31 2.25 0.00	39.88 2.57 0.00	38.79 2.50 0.00	38.61 2.70 0.00	41.19 3.02 0.00	41.93 3.25 0.00	44.01 3.37 0.00	48.36 3.50 0.00	55.93 3.95 0.00	65.26 3.81 0.00	61.85 3.56 0.00	55.70 3.89 0.00	50.39 3.77 0.00	46.94 3.72 -0.01	43.29 3.28 -0.01	42.41 3.07 -0.01
ARTHUR_KILL_3 23513	41.89 2.33 0.00	39.76 2.11 -0.01	38.69 1.98 0.00	37.55 1.82 0.00	35.82 1.80 0.00	36.76 1.92 0.00	39.47 1.99 0.00	41.72 2.02 0.00	40.20 2.13 0.00	39.70 2.39 0.00	38.61 2.32 0.00	38.40 2.48 0.00	40.93 2.75 0.00	41.62 2.94 0.00	43.68 3.05 0.00	48.04 3.19 0.00	55.82 3.85 0.00	65.50 4.05 0.00	62.03 3.73 0.00	55.44 3.63 0.00	49.88 3.26 0.00	46.41 3.20 0.00	42.72 2.72 0.00	41.85 2.52 0.00

ARTHUR_KILL_COGEN 323718	42.66 3.09 -0.01	40.32 2.67 -0.01	39.35 2.64 0.00	38.09 2.36 0.00	36.36 2.35 0.00	37.21 2.37 0.00	39.81 2.33 0.00	42.04 2.34 0.00	40.39 2.32 0.00	39.96 2.65 0.00	38.86 2.58 0.00	38.68 2.77 0.00	41.27 3.09 0.00	42.00 3.33 0.00	44.09 3.45 0.00	48.49 3.63 0.00	56.08 4.11 0.00	65.50 4.05 0.00	62.03 3.73 0.00	55.86 4.04 0.00	50.53 3.92 0.00	47.07 3.84 -0.01	43.40 3.40 -0.01	42.49 3.15 -0.01
ASHOKAN____ 23654	41.18 1.62 0.00	39.07 1.43 0.00	38.18 1.47 0.00	37.09 1.36 0.00	35.27 1.26 0.00	36.09 1.25 0.00	38.72 1.24 0.00	40.65 0.95 0.00	39.10 1.03 0.00	38.05 0.75 0.00	36.98 0.69 0.00	36.64 0.72 0.00	39.13 0.95 0.00	39.80 1.12 0.00	41.90 1.26 0.00	46.38 1.53 0.00	54.16 2.18 0.00	64.03 2.58 0.00	60.69 2.39 0.00	53.99 2.18 0.00	48.43 1.82 0.00	45.29 2.07 0.00	41.76 1.76 0.00	41.06 1.73 0.00
ASTORIA_EAST_ENERGY_CC1 323581	42.02 2.45 0.00	39.72 2.07 -0.01	38.95 2.24 0.00	37.69 1.96 0.00	35.99 1.97 0.00	36.76 1.92 0.00	39.28 1.80 0.01	41.51 1.83 0.01	40.04 1.98 0.01	39.58 2.28 0.01	38.42 2.14 0.01	38.28 2.37 0.01	40.80 2.63 0.01	41.53 2.86 0.01	43.55 2.93 0.01	47.72 2.87 0.01	55.40 3.43 0.01	64.88 3.44 0.01	61.43 3.15 0.01	55.07 3.27 0.01	49.59 2.99 0.01	46.15 2.94 0.01	42.47 2.48 0.01	41.57 2.24 0.01
ASTORIA_EAST_ENERGY_CC2 323582	42.02 2.45 0.00	39.72 2.07 -0.01	38.95 2.24 0.00	37.69 1.96 0.00	35.99 1.97 0.00	36.76 1.92 0.00	39.28 1.80 0.01	41.51 1.83 0.01	40.04 1.98 0.01	39.58 2.28 0.01	38.38 2.10 0.01	38.24 2.33 0.01	40.76 2.60 0.01	41.53 2.86 0.01	43.51 2.89 0.01	47.72 2.87 0.01	55.35 3.38 0.01	64.82 3.38 0.01	61.43 3.15 0.01	55.07 3.27 0.01	49.55 2.94 0.01	46.15 2.94 0.01	42.43 2.44 0.01	41.53 2.20 0.01
ASTORIA_GT2_1 24094	42.05 2.49 0.00	39.75 2.11 0.00	38.73 2.02 0.00	37.44 1.71 0.00	36.05 2.04 0.00	36.69 1.85 0.00	39.29 1.80 0.00	41.52 1.83 0.00	40.05 1.98 0.00	39.58 2.28 0.00	38.43 2.14 0.00	38.29 2.37 0.00	40.81 2.63 0.00	41.46 2.78 0.00	43.56 2.93 0.00	47.77 2.92 0.00	55.41 3.43 0.00	64.89 3.44 0.00	61.44 3.15 0.00	55.08 3.26 0.00	49.60 2.98 0.00	46.20 2.98 0.00	42.60 2.60 0.00	41.58 2.24 0.00
ASTORIA_GT2_2 24095	42.05 2.49 0.00	39.75 2.11 0.00	38.73 2.02 0.00	37.44 1.71 0.00	36.05 2.04 0.00	36.69 1.85 0.00	39.29 1.80 0.00	41.52 1.83 0.00	40.05 1.98 0.00	39.58 2.28 0.00	38.43 2.14 0.00	38.29 2.37 0.00	40.81 2.63 0.00	41.46 2.78 0.00	43.56 2.93 0.00	47.77 2.92 0.00	55.41 3.43 0.00	64.89 3.44 0.00	61.44 3.15 0.00	55.08 3.26 0.00	49.60 2.98 0.00	46.20 2.98 0.00	42.60 2.60 0.00	41.58 2.24 0.00
ASTORIA_GT2_3 24096	42.05 2.49 0.00	39.75 2.11 0.00	38.73 2.02 0.00	37.44 1.71 0.00	36.05 2.04 0.00	36.69 1.85 0.00	39.29 1.80 0.00	41.52 1.83 0.00	40.05 1.98 0.00	39.58 2.28 0.00	38.43 2.14 0.00	38.29 2.37 0.00	40.81 2.63 0.00	41.46 2.78 0.00	43.56 2.93 0.00	47.77 2.92 0.00	55.41 3.43 0.00	64.89 3.44 0.00	61.44 3.15 0.00	55.08 3.26 0.00	49.60 2.98 0.00	46.20 2.98 0.00	42.60 2.60 0.00	41.58 2.24 0.00
ASTORIA_GT2_4 24097	42.05 2.49 0.00	39.75 2.11 0.00	38.73 2.02 0.00	37.44 1.71 0.00	36.05 2.04 0.00	36.69 1.85 0.00	39.29 1.80 0.00	41.52 1.83 0.00	40.05 1.98 0.00	39.58 2.28 0.00	38.43 2.14 0.00	38.29 2.37 0.00	40.81 2.63 0.00	41.46 2.78 0.00	43.56 2.93 0.00	47.77 2.92 0.00	55.41 3.43 0.00	64.89 3.44 0.00	61.44 3.15 0.00	55.08 3.26 0.00	49.60 2.98 0.00	46.20 2.98 0.00	42.60 2.60 0.00	41.58 2.24 0.00
ASTORIA_GT3_1 24098	42.05 2.49 0.00	39.75 2.11 0.00	38.73 2.02 0.00	37.44 1.71 0.00	36.05 2.04 0.00	36.69 1.85 0.00	39.29 1.80 0.00	41.52 1.83 0.00	40.05 1.98 0.00	39.58 2.28 0.00	38.43 2.14 0.00	38.29 2.37 0.00	40.81 2.63 0.00	41.46 2.78 0.00	43.56 2.93 0.00	47.77 2.92 0.00	55.41 3.43 0.00	64.89 3.44 0.00	61.44 3.15 0.00	55.08 3.26 0.00	49.60 2.98 0.00	46.20 2.98 0.00	42.60 2.60 0.00	41.58 2.24 0.00
ASTORIA_GT3_2 24099	42.05 2.49 0.00	39.75 2.11 0.00	38.73 2.02 0.00	37.44 1.71 0.00	36.05 2.04 0.00	36.69 1.85 0.00	39.29 1.80 0.00	41.52 1.83 0.00	40.05 1.98 0.00	39.58 2.28 0.00	38.43 2.14 0.00	38.29 2.37 0.00	40.81 2.63 0.00	41.46 2.78 0.00	43.56 2.93 0.00	47.77 2.92 0.00	55.41 3.43 0.00	64.89 3.44 0.00	61.44 3.15 0.00	55.08 3.26 0.00	49.60 2.98 0.00	46.20 2.98 0.00	42.60 2.60 0.00	41.58 2.24 0.00
ASTORIA_GT3_3 24100	42.05 2.49 0.00	39.75 2.11 0.00	38.73 2.02 0.00	37.44 1.71 0.00	36.05 2.04 0.00	36.69 1.85 0.00	39.29 1.80 0.00	41.52 1.83 0.00	40.05 1.98 0.00	39.58 2.28 0.00	38.43 2.14 0.00	38.29 2.37 0.00	40.81 2.63 0.00	41.46 2.78 0.00	43.56 2.93 0.00	47.77 2.92 0.00	55.41 3.43 0.00	64.89 3.44 0.00	61.44 3.15 0.00	55.08 3.26 0.00	49.60 2.98 0.00	46.20 2.98 0.00	42.60 2.60 0.00	41.58 2.24 0.00
ASTORIA_GT3_4 24101	42.05 2.49 0.00	39.75 2.11 0.00	38.73 2.02 0.00	37.44 1.71 0.00	36.05 2.04 0.00	36.69 1.85 0.00	39.29 1.80 0.00	41.52 1.83 0.00	40.05 1.98 0.00	39.58 2.28 0.00	38.43 2.14 0.00	38.29 2.37 0.00	40.81 2.63 0.00	41.46 2.78 0.00	43.56 2.93 0.00	47.77 2.92 0.00	55.41 3.43 0.00	64.89 3.44 0.00	61.44 3.15 0.00	55.08 3.26 0.00	49.60 2.98 0.00	46.20 2.98 0.00	42.60 2.60 0.00	41.58 2.24 0.00
ASTORIA_GT4_1 24102	42.05 2.49 0.00	39.75 2.11 0.00	38.73 2.02 0.00	37.44 1.71 0.00	36.05 2.04 0.00	36.69 1.85 0.00	39.29 1.80 0.00	41.52 1.83 0.00	40.05 1.98 0.00	39.58 2.28 0.00	38.43 2.14 0.00	38.29 2.37 0.00	40.81 2.63 0.00	41.46 2.78 0.00	43.56 2.93 0.00	47.77 2.92 0.00	55.41 3.43 0.00	64.89 3.44 0.00	61.44 3.15 0.00	55.08 3.26 0.00	49.60 2.98 0.00	46.20 2.98 0.00	42.60 2.60 0.00	41.58 2.24 0.00
ASTORIA_GT4_2 24103	42.05 2.49 0.00	39.75 2.11 0.00	38.73 2.02 0.00	37.44 1.71 0.00	36.05 2.04 0.00	36.69 1.85 0.00	39.29 1.80 0.00	41.52 1.83 0.00	40.05 1.98 0.00	39.58 2.28 0.00	38.43 2.14 0.00	38.29 2.37 0.00	40.81 2.63 0.00	41.46 2.78 0.00	43.56 2.93 0.00	47.77 2.92 0.00	55.41 3.43 0.00	64.89 3.44 0.00	61.44 3.15 0.00	55.08 3.26 0.00	49.60 2.98 0.00	46.20 2.98 0.00	42.60 2.60 0.00	41.58 2.24 0.00
ASTORIA_GT4_3 24104	42.05 2.49 0.00	39.75 2.11 0.00	38.73 2.02 0.00	37.44 1.71 0.00	36.05 2.04 0.00	36.69 1.85 0.00	39.29 1.80 0.00	41.52 1.83 0.00	40.05 1.98 0.00	39.58 2.28 0.00	38.43 2.14 0.00	38.29 2.37 0.00	40.81 2.63 0.00	41.46 2.78 0.00	43.56 2.93 0.00	47.77 2.92 0.00	55.41 3.43 0.00	64.89 3.44 0.00	61.44 3.15 0.00	55.08 3.26 0.00	49.60 2.98 0.00	46.20 2.98 0.00	42.60 2.60 0.00	41.58 2.24 0.00

ASTORIA_GT4_4 24105	42.05 2.49 0.00	39.75 2.11 0.00	38.73 2.02 0.00	37.44 1.71 0.00	36.05 2.04 0.00	36.69 1.85 0.00	39.29 1.80 0.00	41.52 1.83 0.00	40.05 1.98 0.00	39.58 2.28 0.00	38.43 2.14 0.00	38.29 2.37 0.00	40.81 2.63 0.00	41.46 2.78 0.00	43.56 2.93 0.00	47.77 2.92 0.00	55.41 3.43 0.00	64.89 3.44 0.00	61.44 3.15 0.00	55.08 3.26 0.00	49.60 2.98 0.00	46.20 2.98 0.00	42.60 2.60 0.00	41.58 2.24 0.00
ASTORIA_GT_1 23523	42.09 2.53 0.00	39.79 2.15 0.00	38.80 2.09 0.00	37.51 1.79 0.00	36.12 2.11 0.00	36.76 1.92 0.00	39.32 1.84 0.00	41.56 1.87 0.00	40.09 2.02 0.00	39.66 2.35 0.00	38.47 2.18 0.00	38.36 2.44 0.00	40.89 2.71 0.00	41.54 2.86 0.00	43.64 3.01 0.00	47.86 3.01 0.00	55.51 3.53 0.00	65.01 3.56 0.00	61.56 3.26 0.00	55.18 3.37 0.00	49.65 3.03 0.00	46.24 3.03 0.00	42.64 2.64 0.00	41.66 2.32 0.00
ASTORIA_GT_10 24110	42.05 2.49 0.00	39.90 2.26 0.00	38.80 2.09 0.00	37.55 1.82 0.00	36.02 2.01 0.00	36.86 2.02 0.00	39.55 2.06 0.00	41.76 2.06 0.00	40.20 2.13 0.00	39.77 2.46 0.00	38.68 2.40 0.00	38.47 2.55 0.00	41.00 2.82 0.00	41.62 2.94 0.00	43.76 3.13 0.00	48.13 3.27 0.00	55.77 3.79 0.00	65.32 3.87 0.00	61.91 3.61 0.00	55.44 3.63 0.00	49.97 3.36 0.00	46.54 3.33 0.00	42.92 2.92 0.00	41.93 2.60 0.00
ASTORIA_GT_11 24225	42.05 2.49 0.00	39.90 2.26 0.00	38.80 2.09 0.00	37.55 1.82 0.00	36.02 2.01 0.00	36.86 2.02 0.00	39.55 2.06 0.00	41.76 2.06 0.00	40.20 2.13 0.00	39.77 2.46 0.00	38.68 2.40 0.00	38.47 2.55 0.00	41.00 2.82 0.00	41.62 2.94 0.00	43.76 3.13 0.00	48.13 3.27 0.00	55.77 3.79 0.00	65.32 3.87 0.00	61.91 3.61 0.00	55.44 3.63 0.00	49.97 3.36 0.00	46.54 3.33 0.00	42.92 2.92 0.00	41.93 2.60 0.00
ASTORIA_GT_12 24226	42.05 2.49 0.00	39.90 2.26 0.00	38.80 2.09 0.00	37.55 1.82 0.00	36.02 2.01 0.00	36.86 2.02 0.00	39.55 2.06 0.00	41.76 2.06 0.00	40.20 2.13 0.00	39.77 2.46 0.00	38.68 2.40 0.00	38.47 2.55 0.00	41.00 2.82 0.00	41.62 2.94 0.00	43.76 3.13 0.00	48.13 3.27 0.00	55.77 3.79 0.00	65.32 3.87 0.00	61.91 3.61 0.00	55.44 3.63 0.00	49.97 3.36 0.00	46.54 3.33 0.00	42.92 2.92 0.00	41.93 2.60 0.00
ASTORIA_GT_13 24227	42.05 2.49 0.00	39.90 2.26 0.00	38.80 2.09 0.00	37.55 1.82 0.00	36.02 2.01 0.00	36.86 2.02 0.00	39.55 2.06 0.00	41.76 2.06 0.00	40.20 2.13 0.00	39.77 2.46 0.00	38.68 2.40 0.00	38.47 2.55 0.00	41.00 2.82 0.00	41.62 2.94 0.00	43.76 3.13 0.00	48.13 3.27 0.00	55.77 3.79 0.00	65.32 3.87 0.00	61.91 3.61 0.00	55.44 3.63 0.00	49.97 3.36 0.00	46.54 3.33 0.00	42.92 2.92 0.00	41.93 2.60 0.00
ASTORIA_GT_5 24106	42.09 2.53 0.00	39.79 2.15 0.00	38.80 2.09 0.00	37.51 1.79 0.00	36.12 2.11 0.00	36.76 1.92 0.00	39.32 1.84 0.00	41.56 1.87 0.00	40.09 2.02 0.00	39.66 2.35 0.00	38.47 2.18 0.00	38.36 2.44 0.00	40.89 2.71 0.00	41.54 2.86 0.00	43.64 3.01 0.00	47.86 3.01 0.00	55.51 3.53 0.00	65.01 3.56 0.00	61.56 3.26 0.00	55.18 3.37 0.00	49.65 3.03 0.00	46.24 3.03 0.00	42.64 2.64 0.00	41.66 2.32 0.00
ASTORIA_GT_7 24107	42.09 2.53 0.00	39.79 2.15 0.00	38.80 2.09 0.00	37.51 1.79 0.00	36.12 2.11 0.00	36.76 1.92 0.00	39.32 1.84 0.00	41.56 1.87 0.00	40.09 2.02 0.00	39.66 2.35 0.00	38.47 2.18 0.00	38.36 2.44 0.00	40.89 2.71 0.00	41.54 2.86 0.00	43.64 3.01 0.00	47.86 3.01 0.00	55.51 3.53 0.00	65.01 3.56 0.00	61.56 3.26 0.00	55.18 3.37 0.00	49.65 3.03 0.00	46.24 3.03 0.00	42.64 2.64 0.00	41.66 2.32 0.00
ASTORIA_GT_8 24108	42.09 2.53 0.00	39.79 2.15 0.00	38.80 2.09 0.00	37.51 1.79 0.00	36.12 2.11 0.00	36.76 1.92 0.00	39.32 1.84 0.00	41.56 1.87 0.00	40.09 2.02 0.00	39.66 2.35 0.00	38.47 2.18 0.00	38.36 2.44 0.00	40.89 2.71 0.00	41.54 2.86 0.00	43.64 3.01 0.00	47.86 3.01 0.00	55.51 3.53 0.00	65.01 3.56 0.00	61.56 3.26 0.00	55.18 3.37 0.00	49.65 3.03 0.00	46.24 3.03 0.00	42.64 2.64 0.00	41.66 2.32 0.00
ASTORIA___2 24149	42.02 2.45 0.00	39.72 2.07 -0.01	38.95 2.24 0.00	37.69 1.96 0.00	35.99 1.97 0.00	36.76 1.92 0.00	39.28 1.80 0.01	41.51 1.83 0.01	40.04 1.98 0.01	39.58 2.28 0.01	38.42 2.14 0.01	38.28 2.37 0.01	40.80 2.63 0.01	41.53 2.86 0.01	43.55 2.93 0.01	47.72 2.87 0.01	55.40 3.43 0.01	64.88 3.44 0.01	61.43 3.15 0.01	55.07 3.27 0.01	49.59 2.99 0.01	46.15 2.94 0.01	42.47 2.48 0.01	41.57 2.24 0.01
ASTORIA___3 23516	42.17 2.61 0.00	39.91 2.26 -0.01	39.02 2.31 0.00	37.80 2.07 0.00	36.05 2.04 0.00	36.93 2.09 0.00	39.55 2.06 0.00	41.76 2.06 0.00	40.24 2.17 0.00	39.77 2.46 0.00	38.68 2.39 0.00	38.47 2.55 0.00	41.00 2.82 0.00	41.70 3.02 0.00	43.76 3.13 0.00	48.09 3.23 0.00	55.77 3.79 0.00	65.32 3.87 0.00	61.91 3.62 0.00	55.44 3.63 0.00	49.97 3.36 0.00	46.54 3.33 0.00	42.84 2.84 0.00	41.93 2.60 0.00
ASTORIA___4 23517	42.05 2.49 0.00	39.90 2.26 0.00	38.80 2.09 0.00	37.55 1.82 0.00	36.02 2.01 0.00	36.86 2.02 0.00	39.55 2.06 0.00	41.76 2.06 0.00	40.20 2.13 0.00	39.77 2.46 0.00	38.68 2.40 0.00	38.47 2.55 0.00	41.00 2.82 0.00	41.62 2.94 0.00	43.76 3.13 0.00	48.13 3.27 0.00	55.77 3.79 0.00	65.32 3.87 0.00	61.91 3.61 0.00	55.44 3.63 0.00	49.97 3.36 0.00	46.54 3.33 0.00	42.92 2.92 0.00	41.93 2.60 0.00
ASTORIA___5 23518	42.17 2.61 0.00	39.91 2.26 -0.01	39.02 2.31 0.00	37.80 2.07 0.00	36.05 2.04 0.00	36.93 2.09 0.00	39.55 2.06 0.00	41.76 2.06 0.00	40.24 2.17 0.00	39.77 2.46 0.00	38.68 2.39 0.00	38.47 2.55 0.00	41.00 2.82 0.00	41.70 3.02 0.00	43.76 3.13 0.00	48.09 3.23 0.00	55.77 3.79 0.00	65.32 3.87 0.00	61.91 3.62 0.00	55.44 3.63 0.00	49.97 3.36 0.00	46.54 3.33 0.00	42.84 2.84 0.00	41.93 2.60 0.00
AST_ENERGY_2_CC3 323677	41.62 2.06 0.00	39.31 1.65 -0.01	38.54 1.83 0.00	37.30 1.57 0.00	35.65 1.63 0.00	36.37 1.53 0.00	38.87 1.39 0.01	41.07 1.39 0.01	39.62 1.56 0.01	39.16 1.86 0.01	38.02 1.74 0.01	37.88 1.97 0.01	40.38 2.21 0.01	41.11 2.44 0.01	43.11 2.48 0.01	47.27 2.42 0.01	54.83 2.86 0.01	64.21 2.77 0.01	60.79 2.50 0.01	54.50 2.69 0.01	49.08 2.47 0.01	45.67 2.46 0.01	42.03 2.04 0.01	41.14 1.81 0.01
AST_ENERGY_2_CC4 323678	41.62 2.06 0.00	39.31 1.65 -0.01	38.54 1.83 0.00	37.30 1.57 0.00	35.65 1.63 0.00	36.37 1.53 0.00	38.87 1.39 0.01	41.07 1.39 0.01	39.62 1.56 0.01	39.16 1.86 0.01	38.02 1.74 0.01	37.88 1.97 0.01	40.38 2.21 0.01	41.11 2.44 0.01	43.11 2.48 0.01	47.27 2.42 0.01	54.83 2.86 0.01	64.21 2.77 0.01	60.79 2.50 0.01	54.50 2.69 0.01	49.08 2.47 0.01	45.67 2.46 0.01	42.03 2.04 0.01	41.14 1.81 0.01

ATHENS_STG_1 23668	40.83 1.27 0.00	38.81 1.17 0.00	37.92 1.21 0.00	36.91 1.18 0.00	35.07 1.06 0.00	35.99 1.15 0.00	38.65 1.16 0.00	40.85 1.15 0.00	39.25 1.18 0.00	38.54 1.23 0.00	37.52 1.23 0.00	37.21 1.29 0.00	39.63 1.45 0.00	40.23 1.55 0.00	42.26 1.63 0.00	46.61 1.75 0.00	54.06 2.08 0.00	63.66 2.21 0.00	60.33 2.04 0.00	53.73 1.92 0.00	48.34 1.73 0.00	44.95 1.73 0.00	41.44 1.44 0.00	40.75 1.41 0.00
ATHENS_STG_2 23670	40.83 1.27 0.00	38.81 1.17 0.00	37.92 1.21 0.00	36.91 1.18 0.00	35.07 1.06 0.00	35.99 1.15 0.00	38.65 1.16 0.00	40.85 1.15 0.00	39.25 1.18 0.00	38.54 1.23 0.00	37.52 1.23 0.00	37.21 1.29 0.00	39.63 1.45 0.00	40.23 1.55 0.00	42.26 1.63 0.00	46.61 1.75 0.00	54.06 2.08 0.00	63.66 2.21 0.00	60.33 2.04 0.00	53.73 1.92 0.00	48.34 1.73 0.00	44.95 1.73 0.00	41.44 1.44 0.00	40.75 1.41 0.00
ATHENS_STG_3 23677	40.83 1.27 0.00	38.81 1.17 0.00	37.92 1.21 0.00	36.91 1.18 0.00	35.07 1.06 0.00	35.99 1.15 0.00	38.65 1.16 0.00	40.85 1.15 0.00	39.25 1.18 0.00	38.54 1.23 0.00	37.52 1.23 0.00	37.21 1.29 0.00	39.63 1.45 0.00	40.23 1.55 0.00	42.26 1.63 0.00	46.61 1.75 0.00	54.06 2.08 0.00	63.66 2.21 0.00	60.33 2.04 0.00	53.73 1.92 0.00	48.34 1.73 0.00	44.95 1.73 0.00	41.44 1.44 0.00	40.75 1.41 0.00
AUBURN___LFGE 323710	39.17 -0.40 -0.01	37.27 -0.38 -0.01	36.35 -0.37 -0.01	35.45 -0.29 0.00	33.81 -0.20 0.00	34.60 -0.24 0.00	37.34 -0.15 0.00	39.65 -0.04 0.00	38.03 -0.04 0.00	37.24 -0.07 0.00	36.26 -0.04 -0.01	35.78 -0.14 -0.01	38.10 -0.08 -0.01	38.60 -0.08 0.00	40.56 -0.08 -0.01	44.77 -0.09 -0.01	51.93 -0.05 -0.01	61.88 0.43 0.00	58.70 0.41 0.00	51.97 0.16 0.00	46.71 0.09 0.00	43.18 -0.04 -0.01	39.96 -0.04 0.00	39.18 -0.16 0.00
BABYLON_RES_REC 323704	42.76 3.20 0.00	40.62 2.97 0.00	39.17 2.46 0.00	38.05 2.32 0.00	36.16 2.14 0.00	37.11 2.26 0.00	40.00 2.51 0.00	42.24 2.54 0.00	40.73 2.66 0.00	40.37 3.06 0.00	39.70 3.41 0.00	39.40 3.48 0.00	41.99 3.82 0.00	42.78 4.10 -0.01	44.95 4.31 -0.01	49.53 4.67 -0.01	57.41 5.25 -0.19	67.30 5.84 -0.01	63.82 5.42 -0.10	57.20 5.13 -0.26	53.77 4.85 -2.31	51.29 4.54 -3.53	44.09 4.08 -0.01	43.11 3.78 0.00
BALL_HILL_WT_PWR 323825	35.31 -4.23 0.02	33.67 -3.95 0.02	32.91 -3.78 0.02	32.18 -3.54 0.01	30.99 -3.03 0.00	31.57 -3.28 0.00	34.34 -3.15 0.00	36.48 -3.21 0.00	34.57 -3.50 0.00	33.79 -3.51 0.01	32.68 -3.59 0.02	32.28 -3.63 0.02	34.46 -3.70 0.02	34.91 -3.75 0.01	36.47 -4.15 0.02	40.27 -4.58 0.02	46.19 -5.77 0.02	56.47 -4.98 0.00	53.69 -4.61 0.00	47.14 -4.66 0.01	42.23 -4.38 0.00	39.05 -4.15 0.02	36.88 -3.12 0.00	36.31 -3.03 0.00
BARON_WINDS___WT_PWR 323822	35.66 -3.88 0.03	33.88 -3.73 0.03	33.08 -3.60 0.03	32.35 -3.36 0.02	31.09 -2.93 0.00	31.67 -3.17 0.00	34.41 -3.07 0.00	36.56 -3.14 0.00	34.68 -3.39 0.00	33.78 -3.51 0.02	32.81 -3.45 0.03	32.33 -3.56 0.03	34.48 -3.66 0.03	35.02 -3.64 0.02	36.66 -3.94 0.03	40.52 -4.31 0.03	46.96 -4.99 0.03	56.59 -4.86 0.00	53.81 -4.49 0.00	47.39 -4.40 0.02	42.61 -4.01 0.00	39.38 -3.80 0.03	36.96 -3.04 0.00	36.31 -3.03 0.00
BARRETT_IC_1 23704	42.41 2.85 0.00	40.28 2.63 0.00	38.91 2.20 0.00	37.84 2.11 0.00	35.95 1.94 0.00	36.90 2.06 0.00	39.74 2.25 0.00	41.96 2.26 0.00	40.43 2.36 0.00	40.03 2.72 0.00	39.30 3.01 0.00	39.04 3.12 0.00	41.61 3.44 0.00	42.32 3.63 -0.01	44.46 3.82 -0.01	48.86 3.99 -0.01	56.61 4.62 -0.01	66.43 4.98 -0.01	62.97 4.67 -0.01	56.22 4.40 -0.01	52.94 4.01 -2.31	50.88 3.84 -3.82	43.57 3.56 -0.01	42.68 3.34 0.00
BARRETT_IC_10 23701	42.41 2.85 0.00	40.28 2.63 0.00	38.91 2.20 0.00	37.84 2.11 0.00	35.95 1.94 0.00	36.90 2.06 0.00	39.74 2.25 0.00	41.96 2.26 0.00	40.43 2.36 0.00	40.03 2.72 0.00	39.30 3.01 0.00	39.04 3.12 0.00	41.61 3.44 0.00	42.32 3.63 -0.01	44.46 3.82 -0.01	48.86 3.99 -0.01	56.61 4.62 -0.01	66.43 4.98 -0.01	62.97 4.67 -0.01	56.22 4.40 -0.01	52.94 4.01 -2.31	50.88 3.84 -3.82	43.57 3.56 -0.01	42.68 3.34 0.00
BARRETT_IC_11 23702	42.41 2.85 0.00	40.28 2.63 0.00	38.91 2.20 0.00	37.84 2.11 0.00	35.95 1.94 0.00	36.90 2.06 0.00	39.74 2.25 0.00	41.96 2.26 0.00	40.43 2.36 0.00	40.03 2.72 0.00	39.30 3.01 0.00	39.04 3.12 0.00	41.61 3.44 0.00	42.32 3.63 -0.01	44.46 3.82 -0.01	48.86 3.99 -0.01	56.61 4.62 -0.01	66.43 4.98 -0.01	62.97 4.67 -0.01	56.22 4.40 -0.01	52.94 4.01 -2.31	50.88 3.84 -3.82	43.57 3.56 -0.01	42.68 3.34 0.00
BARRETT_IC_12 23703	42.41 2.85 0.00	40.28 2.63 0.00	38.91 2.20 0.00	37.84 2.11 0.00	35.95 1.94 0.00	36.90 2.06 0.00	39.74 2.25 0.00	41.96 2.26 0.00	40.43 2.36 0.00	40.03 2.72 0.00	39.30 3.01 0.00	39.04 3.12 0.00	41.61 3.44 0.00	42.32 3.63 -0.01	44.46 3.82 -0.01	48.86 3.99 -0.01	56.61 4.62 -0.01	66.43 4.98 -0.01	62.97 4.67 -0.01	56.22 4.40 -0.01	52.94 4.01 -2.31	50.88 3.84 -3.82	43.57 3.56 -0.01	42.68 3.34 0.00
BARRETT_IC_2 23705	42.41 2.85 0.00	40.28 2.63 0.00	38.91 2.20 0.00	37.84 2.11 0.00	35.95 1.94 0.00	36.90 2.06 0.00	39.74 2.25 0.00	41.96 2.26 0.00	40.43 2.36 0.00	40.03 2.72 0.00	39.30 3.01 0.00	39.04 3.12 0.00	41.61 3.44 0.00	42.32 3.63 -0.01	44.46 3.82 -0.01	48.86 3.99 -0.01	56.61 4.62 -0.01	66.43 4.98 -0.01	62.97 4.67 -0.01	56.22 4.40 -0.01	52.94 4.01 -2.31	50.88 3.84 -3.82	43.57 3.56 -0.01	42.68 3.34 0.00
BARRETT_IC_3 23706	42.41 2.85 0.00	40.28 2.63 0.00	38.91 2.20 0.00	37.84 2.11 0.00	35.95 1.94 0.00	36.90 2.06 0.00	39.74 2.25 0.00	41.96 2.26 0.00	40.43 2.36 0.00	40.03 2.72 0.00	39.30 3.01 0.00	39.04 3.12 0.00	41.61 3.44 0.00	42.32 3.63 -0.01	44.46 3.82 -0.01	48.86 3.99 -0.01	56.61 4.62 -0.01	66.43 4.98 -0.01	62.97 4.67 -0.01	56.22 4.40 -0.01	52.94 4.01 -2.31	50.88 3.84 -3.82	43.57 3.56 -0.01	42.68 3.34 0.00
BARRETT_IC_4 23707	42.41 2.85 0.00	40.28 2.63 0.00	38.91 2.20 0.00	37.84 2.11 0.00	35.95 1.94 0.00	36.90 2.06 0.00	39.74 2.25 0.00	41.96 2.26 0.00	40.43 2.36 0.00	40.03 2.72 0.00	39.30 3.01 0.00	39.04 3.12 0.00	41.61 3.44 0.00	42.32 3.63 -0.01	44.46 3.82 -0.01	48.86 3.99 -0.01	56.61 4.62 -0.01	66.43 4.98 -0.01	62.97 4.67 -0.01	56.22 4.40 -0.01	52.94 4.01 -2.31	50.88 3.84 -3.82	43.57 3.56 -0.01	42.68 3.34 0.00
BARRETT_IC_5 23708	42.41 2.85 0.00	40.28 2.63 0.00	38.91 2.20 0.00	37.84 2.11 0.00	35.95 1.94 0.00	36.90 2.06 0.00	39.74 2.25 0.00	41.96 2.26 0.00	40.43 2.36 0.00	40.03 2.72 0.00	39.30 3.01 0.00	39.04 3.12 0.00	41.61 3.44 0.00	42.32 3.63 -0.01	44.46 3.82 -0.01	48.86 3.99 -0.01	56.61 4.62 -0.01	66.43 4.98 -0.01	62.97 4.67 -0.01	56.22 4.40 -0.01	52.94 4.01 -2.31	50.88 3.84 -3.82	43.57 3.56 -0.01	42.68 3.34 0.00

BARRETT_IC_6 23709	42.41 2.85 0.00	40.28 2.63 0.00	38.91 2.20 0.00	37.84 2.11 0.00	35.95 1.94 0.00	36.90 2.06 0.00	39.74 2.25 0.00	41.96 2.26 0.00	40.43 2.36 0.00	40.03 2.72 0.00	39.30 3.01 0.00	39.04 3.12 0.00	41.61 3.44 0.00	42.32 3.63 -0.01	44.46 3.82 -0.01	48.86 3.99 -0.01	56.61 4.62 -0.01	66.43 4.98 -0.01	62.97 4.67 -0.01	56.22 4.40 -0.01	52.94 4.01 -2.31	50.88 3.84 -3.82	43.57 3.56 -0.01	42.68 3.34 0.00
BARRETT_IC_7 23710	42.33 2.77 0.00	40.24 2.60 0.00	38.80 2.09 0.00	37.69 1.97 0.00	35.99 1.97 0.00	36.90 2.06 0.00	39.74 2.25 0.00	41.96 2.26 0.00	40.43 2.36 0.00	40.07 2.76 0.00	39.30 3.01 0.00	39.04 3.12 0.00	41.61 3.44 0.00	42.27 3.60 0.00	44.46 3.82 0.00	48.91 4.04 -0.01	56.61 4.63 -0.01	66.43 4.98 -0.01	62.97 4.66 -0.01	56.23 4.40 -0.01	52.94 4.01 -2.31	50.88 3.85 -3.82	43.64 3.64 0.00	42.68 3.34 0.00
BARRETT_IC_8 23711	42.41 2.85 0.00	40.28 2.63 0.00	38.91 2.20 0.00	37.84 2.11 0.00	35.95 1.94 0.00	36.90 2.06 0.00	39.74 2.25 0.00	41.96 2.26 0.00	40.43 2.36 0.00	40.03 2.72 0.00	39.30 3.01 0.00	39.04 3.12 0.00	41.61 3.44 0.00	42.32 3.63 -0.01	44.46 3.82 -0.01	48.86 3.99 -0.01	56.61 4.62 -0.01	66.43 4.98 -0.01	62.97 4.67 -0.01	56.22 4.40 -0.01	52.94 4.01 -2.31	50.88 3.84 -3.82	43.57 3.56 -0.01	42.68 3.34 0.00
BARRETT_IC_9 23700	42.41 2.85 0.00	40.28 2.63 0.00	38.91 2.20 0.00	37.84 2.11 0.00	35.95 1.94 0.00	36.90 2.06 0.00	39.74 2.25 0.00	41.96 2.26 0.00	40.43 2.36 0.00	40.03 2.72 0.00	39.30 3.01 0.00	39.04 3.12 0.00	41.61 3.44 0.00	42.32 3.63 -0.01	44.46 3.82 -0.01	48.86 3.99 -0.01	56.61 4.62 -0.01	66.43 4.98 -0.01	62.97 4.67 -0.01	56.22 4.40 -0.01	52.94 4.01 -2.31	50.88 3.84 -3.82	43.57 3.56 -0.01	42.68 3.34 0.00
BARRETT___1 23545	42.41 2.85 0.00	40.28 2.63 0.00	38.91 2.20 0.00	37.84 2.11 0.00	35.95 1.94 0.00	36.90 2.06 0.00	39.74 2.25 0.00	41.96 2.26 0.00	40.43 2.36 0.00	40.03 2.72 0.00	39.30 3.01 0.00	39.04 3.12 0.00	41.61 3.44 0.00	42.32 3.63 -0.01	44.46 3.82 -0.01	48.86 3.99 -0.01	56.61 4.62 -0.01	66.43 4.98 -0.01	62.97 4.67 -0.01	56.22 4.40 -0.01	52.94 4.01 -2.31	50.88 3.84 -3.82	43.57 3.56 -0.01	42.68 3.34 0.00
BARRETT___2 23546	42.41 2.85 0.00	40.28 2.63 0.00	38.91 2.20 0.00	37.84 2.11 0.00	35.95 1.94 0.00	36.90 2.06 0.00	39.74 2.25 0.00	41.96 2.26 0.00	40.43 2.36 0.00	40.03 2.72 0.00	39.30 3.01 0.00	39.04 3.12 0.00	41.61 3.44 0.00	42.32 3.63 -0.01	44.46 3.82 -0.01	48.86 3.99 -0.01	56.61 4.62 -0.01	66.43 4.98 -0.01	62.97 4.67 -0.01	56.22 4.40 -0.01	52.94 4.01 -2.31	50.88 3.84 -3.82	43.57 3.56 -0.01	42.68 3.34 0.00
BATAVIA__115KV_TB1 55881	36.66 -2.89 0.01	34.85 -2.79 0.01	34.13 -2.57 0.01	33.51 -2.22 0.01	32.07 -1.94 0.00	32.72 -2.13 0.00	35.46 -2.02 0.00	37.71 -1.98 0.00	35.59 -2.47 0.00	34.69 -2.61 0.01	33.41 -2.87 0.01	32.93 -2.98 0.01	35.41 -2.75 0.01	36.04 -2.63 0.01	37.49 -3.13 0.01	41.48 -3.36 0.01	47.55 -4.42 0.01	58.13 -3.32 0.00	55.38 -2.91 0.00	48.44 -3.37 0.01	43.68 -2.94 0.00	40.31 -2.90 0.01	37.68 -2.32 0.00	37.56 -1.77 0.00
BAYONEEC___CTG1 323682	42.02 2.45 0.00	39.91 2.26 -0.01	38.84 2.13 0.00	37.69 1.96 0.00	35.92 1.90 0.00	36.86 2.02 0.00	39.59 2.10 0.00	41.84 2.14 0.00	40.31 2.25 0.00	39.77 2.46 0.00	38.72 2.43 0.00	38.47 2.55 0.00	41.00 2.82 0.00	41.70 3.02 0.00	43.81 3.17 0.00	48.18 3.32 0.00	55.98 4.00 0.00	65.69 4.24 0.00	62.26 3.97 0.00	55.59 3.78 0.00	50.02 3.40 0.00	46.54 3.33 0.00	42.84 2.84 0.00	41.93 2.60 0.00
BAYONEEC___CTG10 323750	42.02 2.45 0.00	39.91 2.26 -0.01	38.84 2.13 0.00	37.69 1.96 0.00	35.92 1.90 0.00	36.86 2.02 0.00	39.59 2.10 0.00	41.84 2.14 0.00	40.31 2.25 0.00	39.77 2.46 0.00	38.72 2.43 0.00	38.47 2.55 0.00	41.00 2.82 0.00	41.70 3.02 0.00	43.81 3.17 0.00	48.18 3.32 0.00	55.98 4.00 0.00	65.69 4.24 0.00	62.26 3.97 0.00	55.59 3.78 0.00	50.02 3.40 0.00	46.54 3.33 0.00	42.84 2.84 0.00	41.93 2.60 0.00
BAYONEEC___CTG2 323683	42.02 2.45 0.00	39.91 2.26 -0.01	38.84 2.13 0.00	37.69 1.96 0.00	35.92 1.90 0.00	36.86 2.02 0.00	39.59 2.10 0.00	41.84 2.14 0.00	40.31 2.25 0.00	39.77 2.46 0.00	38.72 2.43 0.00	38.47 2.55 0.00	41.00 2.82 0.00	41.70 3.02 0.00	43.81 3.17 0.00	48.18 3.32 0.00	55.98 4.00 0.00	65.69 4.24 0.00	62.26 3.97 0.00	55.59 3.78 0.00	50.02 3.40 0.00	46.54 3.33 0.00	42.84 2.84 0.00	41.93 2.60 0.00
BAYONEEC___CTG3 323684	42.02 2.45 0.00	39.91 2.26 -0.01	38.84 2.13 0.00	37.69 1.96 0.00	35.92 1.90 0.00	36.86 2.02 0.00	39.59 2.10 0.00	41.84 2.14 0.00	40.31 2.25 0.00	39.77 2.46 0.00	38.72 2.43 0.00	38.47 2.55 0.00	41.00 2.82 0.00	41.70 3.02 0.00	43.81 3.17 0.00	48.18 3.32 0.00	55.98 4.00 0.00	65.69 4.24 0.00	62.26 3.97 0.00	55.59 3.78 0.00	50.02 3.40 0.00	46.54 3.33 0.00	42.84 2.84 0.00	41.93 2.60 0.00
BAYONEEC___CTG4 323685	42.02 2.45 0.00	39.91 2.26 -0.01	38.84 2.13 0.00	37.69 1.96 0.00	35.92 1.90 0.00	36.86 2.02 0.00	39.59 2.10 0.00	41.84 2.14 0.00	40.31 2.25 0.00	39.77 2.46 0.00	38.72 2.43 0.00	38.47 2.55 0.00	41.00 2.82 0.00	41.70 3.02 0.00	43.81 3.17 0.00	48.18 3.32 0.00	55.98 4.00 0.00	65.69 4.24 0.00	62.26 3.97 0.00	55.59 3.78 0.00	50.02 3.40 0.00	46.54 3.33 0.00	42.84 2.84 0.00	41.93 2.60 0.00
BAYONEEC___CTG5 323686	42.02 2.45 0.00	39.91 2.26 -0.01	38.84 2.13 0.00	37.69 1.96 0.00	35.92 1.90 0.00	36.86 2.02 0.00	39.59 2.10 0.00	41.84 2.14 0.00	40.31 2.25 0.00	39.77 2.46 0.00	38.72 2.43 0.00	38.47 2.55 0.00	41.00 2.82 0.00	41.70 3.02 0.00	43.81 3.17 0.00	48.18 3.32 0.00	55.98 4.00 0.00	65.69 4.24 0.00	62.26 3.97 0.00	55.59 3.78 0.00	50.02 3.40 0.00	46.54 3.33 0.00	42.84 2.84 0.00	41.93 2.60 0.00
BAYONEEC___CTG6 323687	42.02 2.45 0.00	39.91 2.26 -0.01	38.84 2.13 0.00	37.69 1.96 0.00	35.92 1.90 0.00	36.86 2.02 0.00	39.59 2.10 0.00	41.84 2.14 0.00	40.31 2.25 0.00	39.77 2.46 0.00	38.72 2.43 0.00	38.47 2.55 0.00	41.00 2.82 0.00	41.70 3.02 0.00	43.81 3.17 0.00	48.18 3.32 0.00	55.98 4.00 0.00	65.69 4.24 0.00	62.26 3.97 0.00	55.59 3.78 0.00	50.02 3.40 0.00	46.54 3.33 0.00	42.84 2.84 0.00	41.93 2.60 0.00
BAYONEEC___CTG7 323688	42.02 2.45 0.00	39.91 2.26 -0.01	38.84 2.13 0.00	37.69 1.96 0.00	35.92 1.90 0.00	36.86 2.02 0.00	39.59 2.10 0.00	41.84 2.14 0.00	40.31 2.25 0.00	39.77 2.46 0.00	38.72 2.43 0.00	38.47 2.55 0.00	41.00 2.82 0.00	41.70 3.02 0.00	43.81 3.17 0.00	48.18 3.32 0.00	55.98 4.00 0.00	65.69 4.24 0.00	62.26 3.97 0.00	55.59 3.78 0.00	50.02 3.40 0.00	46.54 3.33 0.00	42.84 2.84 0.00	41.93 2.60 0.00

BAYONEEC___CTG8 323689	42.02 2.45 0.00	39.91 2.26 -0.01	38.84 2.13 0.00	37.69 1.96 0.00	35.92 1.90 0.00	36.86 2.02 0.00	39.59 2.10 0.00	41.84 2.14 0.00	40.31 2.25 0.00	39.77 2.46 0.00	38.72 2.43 0.00	38.47 2.55 0.00	41.00 2.82 0.00	41.70 3.02 0.00	43.81 3.17 0.00	48.18 3.32 0.00	55.98 4.00 0.00	65.69 4.24 0.00	62.26 3.97 0.00	55.59 3.78 0.00	50.02 3.40 0.00	46.54 3.33 0.00	42.84 2.84 0.00	41.93 2.60 0.00
BAYONEEC___CTG9 323749	42.02 2.45 0.00	39.91 2.26 -0.01	38.84 2.13 0.00	37.69 1.96 0.00	35.92 1.90 0.00	36.86 2.02 0.00	39.59 2.10 0.00	41.84 2.14 0.00	40.31 2.25 0.00	39.77 2.46 0.00	38.72 2.43 0.00	38.47 2.55 0.00	41.00 2.82 0.00	41.70 3.02 0.00	43.81 3.17 0.00	48.18 3.32 0.00	55.98 4.00 0.00	65.69 4.24 0.00	62.26 3.97 0.00	55.59 3.78 0.00	50.02 3.40 0.00	46.54 3.33 0.00	42.84 2.84 0.00	41.93 2.60 0.00
BEACON___LESR 323632	40.86 1.30 0.00	39.04 1.39 0.00	38.14 1.43 0.00	37.09 1.36 0.00	35.27 1.26 0.00	36.17 1.32 0.00	38.88 1.39 0.00	41.12 1.43 0.00	39.25 1.18 0.00	38.47 1.16 0.00	37.45 1.16 0.00	37.10 1.18 0.00	39.47 1.30 0.00	40.11 1.43 0.00	42.14 1.50 0.00	46.56 1.70 0.00	53.75 1.77 0.00	63.23 1.78 0.00	59.92 1.63 0.00	53.26 1.45 0.00	47.92 1.30 0.00	44.60 1.38 0.00	41.32 1.32 0.00	40.83 1.49 0.00
BEAVER RIVER___HYD 24048	39.48 -0.08 0.00	37.42 -0.22 0.00	36.45 -0.26 0.00	35.52 -0.21 0.00	33.67 -0.34 0.00	34.53 -0.31 0.00	37.15 -0.34 0.00	39.46 -0.24 0.00	37.69 -0.38 0.00	36.71 -0.60 0.00	35.85 -0.43 0.00	35.45 -0.47 0.00	37.60 -0.57 0.00	37.98 -0.70 0.00	40.03 -0.61 0.00	44.19 -0.67 0.00	51.46 -0.52 0.00	61.20 -0.24 0.00	58.18 -0.12 0.00	51.92 0.10 0.00	46.71 0.09 0.00	43.26 0.04 0.00	40.00 0.00 0.00	39.26 -0.08 0.00
BEEBEE_GT_13 23619	37.38 -2.18 0.01	35.53 -2.11 0.01	34.79 -1.91 0.01	34.08 -1.64 0.00	32.55 -1.46 0.00	33.27 -1.57 0.00	35.95 -1.54 0.00	38.23 -1.47 0.00	36.47 -1.60 0.00	35.70 -1.60 0.00	34.50 -1.78 0.01	34.01 -1.90 0.01	36.56 -1.60 0.01	37.12 -1.55 0.01	38.68 -1.95 0.01	42.70 -2.15 0.01	49.11 -2.86 0.01	59.54 -1.90 0.00	56.55 -1.75 0.00	49.68 -2.12 0.00	44.75 -1.86 0.00	41.31 -1.90 0.01	38.44 -1.56 0.00	37.96 -1.38 0.00
BENSHRST_27_KV_BENSHRST_1 355998	42.50 2.93 -0.01	40.28 2.63 0.00	39.13 2.42 0.00	37.87 2.14 0.00	36.29 2.28 0.00	37.14 2.30 0.00	39.85 2.36 0.00	42.08 2.38 0.00	40.47 2.40 0.00	40.07 2.76 0.00	38.97 2.69 0.00	38.79 2.87 0.00	41.38 3.21 0.00	42.04 3.36 0.00	44.21 3.58 0.00	48.63 3.77 0.00	56.34 4.37 0.00	65.93 4.49 0.00	62.49 4.20 0.00	56.06 4.25 0.00	50.53 3.92 0.00	47.07 3.85 -0.01	43.45 3.44 -0.01	42.41 3.07 -0.01
BETHLEHEM___GRP 23843	40.27 0.71 0.00	38.62 0.98 0.00	37.66 0.95 0.00	36.62 0.89 0.00	34.86 0.85 0.00	35.78 0.94 0.00	38.43 0.94 0.00	40.65 0.95 0.00	38.72 0.65 0.00	37.98 0.67 0.00	36.98 0.69 0.00	36.64 0.72 0.00	38.98 0.80 0.00	39.57 0.89 0.00	41.57 0.93 0.00	45.89 1.03 0.00	52.91 0.94 0.00	62.19 0.74 0.00	58.94 0.64 0.00	52.43 0.62 0.00	47.18 0.56 0.00	43.95 0.73 0.00	40.76 0.76 0.00	40.28 0.94 0.00
BETHLEHEM___GS1 323560	40.31 0.75 0.00	38.58 0.94 0.00	37.70 0.99 0.00	36.69 0.97 0.00	34.86 0.85 0.00	35.78 0.94 0.00	38.43 0.94 0.00	40.65 0.95 0.00	38.72 0.65 0.00	37.98 0.67 0.00	36.98 0.69 0.00	36.64 0.72 0.00	38.98 0.80 0.00	39.60 0.93 0.00	41.57 0.94 0.00	45.89 1.03 0.00	52.91 0.94 0.00	62.19 0.74 0.00	58.94 0.64 0.00	52.44 0.62 0.00	47.18 0.56 0.00	43.95 0.73 0.00	40.72 0.72 0.00	40.28 0.94 0.00
BETHLEHEM___GS2 323561	40.31 0.75 0.00	38.58 0.94 0.00	37.70 0.99 0.00	36.69 0.97 0.00	34.86 0.85 0.00	35.78 0.94 0.00	38.43 0.94 0.00	40.65 0.95 0.00	38.72 0.65 0.00	37.98 0.67 0.00	36.98 0.69 0.00	36.64 0.72 0.00	38.98 0.80 0.00	39.60 0.93 0.00	41.57 0.94 0.00	45.89 1.03 0.00	52.91 0.94 0.00	62.19 0.74 0.00	58.94 0.64 0.00	52.44 0.62 0.00	47.18 0.56 0.00	43.95 0.73 0.00	40.72 0.72 0.00	40.28 0.94 0.00
BETHLEHEM___GS3 323562	40.31 0.75 0.00	38.58 0.94 0.00	37.70 0.99 0.00	36.69 0.97 0.00	34.86 0.85 0.00	35.78 0.94 0.00	38.43 0.94 0.00	40.65 0.95 0.00	38.72 0.65 0.00	37.98 0.67 0.00	36.98 0.69 0.00	36.64 0.72 0.00	38.98 0.80 0.00	39.60 0.93 0.00	41.57 0.94 0.00	45.89 1.03 0.00	52.91 0.94 0.00	62.19 0.74 0.00	58.94 0.64 0.00	52.44 0.62 0.00	47.18 0.56 0.00	43.95 0.73 0.00	40.72 0.72 0.00	40.28 0.94 0.00
BETHLEHEM___STEEL 23779	35.59 -3.96 0.02	33.98 -3.65 0.02	33.13 -3.56 0.02	32.43 -3.29 0.01	31.16 -2.86 0.00	31.71 -3.14 0.00	34.49 -3.00 0.00	36.64 -3.06 0.00	34.64 -3.43 0.00	33.90 -3.40 0.01	32.79 -3.48 0.02	32.45 -3.45 0.02	34.65 -3.51 0.02	35.14 -3.52 0.01	36.72 -3.90 0.02	40.63 -4.22 0.02	46.56 -5.41 0.02	56.29 -5.16 0.00	53.57 -4.72 0.00	46.93 -4.87 0.01	42.23 -4.38 0.00	39.09 -4.11 0.02	36.64 -3.36 0.00	36.46 -2.87 0.00
BETHLHEM_115KV_TB1 79974	40.35 0.79 0.00	38.62 0.98 0.00	37.70 0.99 0.00	36.66 0.93 0.00	34.90 0.88 0.00	35.78 0.94 0.00	38.43 0.94 0.00	40.65 0.95 0.00	38.79 0.72 0.00	38.02 0.71 0.00	37.01 0.73 0.00	36.67 0.75 0.00	39.05 0.88 0.00	39.61 0.93 0.00	41.65 1.02 0.00	45.98 1.12 0.00	53.02 1.04 0.00	62.37 0.92 0.00	59.11 0.82 0.00	52.59 0.78 0.00	47.32 0.70 0.00	44.04 0.82 0.00	40.84 0.84 0.00	40.32 0.98 0.00
BETHPAGE_CC_5 323564	42.65 3.09 0.00	40.54 2.90 0.00	39.13 2.42 0.00	38.05 2.32 0.00	36.16 2.14 0.00	37.11 2.26 0.00	39.96 2.47 0.00	42.20 2.50 0.00	40.69 2.62 0.00	40.33 3.02 0.00	39.62 3.34 0.00	39.37 3.45 0.00	41.96 3.78 0.00	42.71 4.02 -0.01	44.83 4.19 -0.01	49.27 4.40 -0.01	57.18 5.10 -0.10	66.99 5.53 -0.01	63.54 5.19 -0.06	56.88 4.92 -0.14	53.44 4.52 -2.31	51.17 4.41 -3.55	43.97 3.96 -0.01	43.03 3.70 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	35.63 -3.92 0.02	34.01 -3.61 0.02	33.13 -3.56 0.02	32.43 -3.29 0.01	31.16 -2.86 0.00	31.67 -3.17 0.00	34.49 -3.00 0.00	36.64 -3.06 0.00	34.64 -3.43 0.00	33.90 -3.40 0.01	32.86 -3.41 0.02	32.56 -3.34 0.02	34.68 -3.47 0.02	35.18 -3.48 0.01	36.84 -3.78 0.02	40.80 -4.04 0.02	46.76 -5.20 0.02	56.29 -5.16 0.00	53.57 -4.72 0.00	46.98 -4.82 0.01	42.28 -4.34 0.00	39.18 -4.02 0.02	36.64 -3.36 0.00	36.46 -2.87 0.00
BINGHAMTON___COGEN 23790	39.36 -0.20 0.00	37.45 -0.19 0.00	36.52 -0.18 0.00	35.55 -0.18 0.00	33.95 -0.07 0.00	34.74 -0.10 0.00	37.45 -0.04 0.00	39.73 0.04 0.00	38.11 0.04 0.00	37.34 0.04 0.00	36.36 0.07 0.00	35.95 0.04 0.00	38.25 0.08 0.00	38.75 0.08 0.00	40.76 0.12 0.00	44.99 0.13 0.00	52.13 0.16 0.00	61.88 0.43 0.00	58.70 0.41 0.00	52.02 0.21 0.00	46.76 0.14 0.00	43.30 0.09 0.00	40.08 0.08 0.00	39.37 0.04 0.00

BIXINCNT_115KV_LOAD 355685	34.44 -5.10 0.02	32.96 -4.67 0.02	31.95 -4.74 0.02	31.25 -4.47 0.01	30.20 -3.81 0.00	30.63 -4.22 0.00	33.33 -4.16 0.00	35.37 -4.33 0.00	33.46 -4.61 0.00	32.82 -4.48 0.01	31.95 -4.32 0.02	31.63 -4.27 0.02	33.54 -4.62 0.02	33.98 -4.68 0.02	35.90 -4.71 0.02	39.82 -5.02 0.02	45.77 -6.19 0.02	54.44 -7.01 0.00	51.82 -6.47 0.00	45.53 -6.27 0.01	40.93 -5.69 0.00	37.93 -5.27 0.02	35.52 -4.48 0.00	35.17 -4.17 0.00
BLACK RIVER___HYD 24047	39.60 0.04 0.00	37.49 -0.15 0.00	36.53 -0.18 0.00	35.62 -0.11 0.00	33.74 -0.27 0.00	34.60 -0.24 0.00	37.30 -0.19 0.00	39.61 -0.08 0.00	37.84 -0.23 0.00	36.82 -0.49 0.00	35.96 -0.33 0.00	35.49 -0.43 0.00	37.64 -0.53 0.00	37.98 -0.70 0.00	40.07 -0.57 0.00	44.32 -0.54 0.00	51.87 -0.10 0.00	61.94 0.49 0.00	58.94 0.64 0.00	52.54 0.73 0.00	47.08 0.47 0.00	43.56 0.34 0.00	40.24 0.24 0.00	39.45 0.12 0.00
BLACKRVR_115KV_TB2 79977	39.64 0.08 0.00	37.49 -0.15 0.00	36.52 -0.18 0.00	35.62 -0.11 0.00	33.74 -0.27 0.00	34.63 -0.21 0.00	37.30 -0.19 0.00	39.61 -0.08 0.00	37.92 -0.15 0.00	36.82 -0.49 0.00	35.96 -0.33 0.00	35.49 -0.43 0.00	37.64 -0.53 0.00	37.98 -0.70 0.00	40.07 -0.57 0.00	44.32 -0.54 0.00	51.87 -0.10 0.00	61.94 0.49 0.00	58.94 0.64 0.00	52.54 0.73 0.00	47.08 0.47 0.00	43.56 0.35 0.00	40.24 0.24 0.00	39.45 0.12 0.00
BLDWN_LI_69_KV_BK4 356085	42.57 3.01 0.00	40.50 2.86 0.00	39.02 2.31 0.00	37.87 2.14 0.00	36.16 2.14 0.00	37.11 2.26 0.00	39.96 2.47 0.00	42.19 2.50 0.00	40.66 2.59 0.00	40.29 2.98 0.00	39.55 3.27 0.00	39.29 3.38 0.00	41.92 3.74 0.00	42.58 3.91 0.00	44.78 4.14 0.00	49.31 4.44 -0.01	57.19 5.20 -0.01	67.17 5.71 -0.01	63.67 5.36 -0.01	56.80 4.97 -0.01	53.45 4.52 -2.31	51.20 4.36 -3.62	44.00 4.00 0.00	42.99 3.66 0.00
BLISS_WT_PWR 323608	34.04 -5.50 0.02	32.32 -5.31 0.02	31.73 -4.96 0.02	31.04 -4.68 0.01	29.83 -4.18 0.00	30.28 -4.56 0.00	32.95 -4.54 0.00	34.93 -4.76 0.00	33.12 -4.95 0.00	32.45 -4.85 0.01	31.62 -4.65 0.02	31.12 -4.78 0.02	33.08 -5.08 0.02	33.63 -5.03 0.02	35.33 -5.28 0.02	39.01 -5.83 0.02	44.89 -7.07 0.02	53.77 -7.68 0.00	51.24 -7.06 0.00	45.02 -6.79 0.01	40.42 -6.20 0.00	37.49 -5.71 0.02	35.44 -4.56 0.00	34.77 -4.56 0.00
BLUESTONE___WT_PWR 323821	40.44 0.87 -0.01	38.25 0.60 -0.01	37.34 0.62 -0.01	36.38 0.64 0.00	34.49 0.48 0.00	35.37 0.52 0.00	38.20 0.71 0.00	40.61 0.91 0.00	38.98 0.91 0.00	38.17 0.86 0.00	37.20 0.91 -0.01	36.79 0.86 -0.01	39.10 0.91 -0.01	39.46 0.77 -0.01	41.58 0.94 -0.01	45.99 1.12 -0.01	53.70 1.71 -0.01	64.95 3.50 0.00	61.50 3.20 0.00	54.66 2.85 0.00	48.90 2.28 0.00	44.52 1.30 -0.01	41.16 1.16 0.00	40.36 1.02 0.00
BLUE_CIRC_CHEM_DRP 24182	40.71 1.15 0.00	38.89 1.24 0.00	37.92 1.21 0.00	36.91 1.18 0.00	35.10 1.09 0.00	36.03 1.18 0.00	38.69 1.20 0.00	40.88 1.19 0.00	39.06 0.99 0.00	38.24 0.93 0.00	37.20 0.91 0.00	36.85 0.93 0.00	39.21 1.03 0.00	39.80 1.12 0.00	41.90 1.26 0.00	46.34 1.48 0.00	53.59 1.61 0.00	63.11 1.66 0.00	59.81 1.52 0.00	53.21 1.40 0.00	47.87 1.26 0.00	44.56 1.34 0.00	41.24 1.24 0.00	40.67 1.34 0.00
BOC_GAS_DRP 24189	40.43 0.87 0.00	38.55 0.90 0.00	37.63 0.92 0.00	36.62 0.89 0.00	34.86 0.85 0.00	35.75 0.91 0.00	38.39 0.90 0.00	40.61 0.91 0.00	38.87 0.80 0.00	38.17 0.86 0.00	37.12 0.83 0.00	36.82 0.90 0.00	39.17 0.99 0.00	39.72 1.04 0.00	41.77 1.14 0.00	46.07 1.21 0.00	53.28 1.30 0.00	62.74 1.29 0.00	59.46 1.17 0.00	52.95 1.14 0.00	47.64 1.03 0.00	44.25 1.04 0.00	40.96 0.96 0.00	40.36 1.02 0.00
BOONVILLE_115KV_TB1 79983	40.04 0.47 0.00	38.02 0.38 0.00	37.04 0.33 0.00	36.12 0.39 0.00	34.29 0.27 0.00	35.19 0.35 0.00	37.90 0.41 0.00	40.17 0.48 0.00	38.56 0.49 0.00	37.64 0.34 0.00	36.69 0.40 0.00	36.31 0.40 0.00	38.56 0.38 0.00	38.99 0.31 0.00	41.04 0.41 0.00	45.31 0.45 0.00	52.76 0.78 0.00	62.62 1.17 0.00	59.40 1.11 0.00	52.85 1.04 0.00	47.45 0.84 0.00	43.95 0.73 0.00	40.64 0.64 0.00	39.92 0.59 0.00
BORALEX_4TH_BRANCH 23824	41.70 2.14 0.00	39.68 2.03 0.00	38.69 1.98 0.00	37.62 1.89 0.00	35.85 1.84 0.00	36.76 1.92 0.00	39.51 2.02 0.00	41.84 2.14 0.00	40.12 2.06 0.00	39.36 2.05 0.00	38.28 2.00 0.00	37.97 2.05 0.00	40.39 2.21 0.00	41.00 2.32 0.00	43.11 2.48 0.00	47.64 2.78 0.00	55.10 3.12 0.00	64.83 3.38 0.00	61.44 3.15 0.00	54.61 2.80 0.00	49.13 2.52 0.00	45.59 2.38 0.00	42.16 2.16 0.00	41.66 2.32 0.00
BOWLINE___1 23526	41.54 1.98 0.00	39.38 1.73 0.00	38.51 1.80 0.00	37.41 1.68 0.00	35.61 1.60 0.00	36.55 1.71 0.00	39.25 1.76 0.00	41.48 1.79 0.00	39.93 1.86 0.00	39.32 2.01 0.00	38.25 1.96 0.00	38.00 2.08 0.00	40.50 2.33 0.00	41.19 2.51 0.00	43.24 2.60 0.00	47.60 2.74 0.00	55.35 3.38 0.00	65.14 3.69 0.00	61.67 3.38 0.00	55.03 3.21 0.00	49.51 2.89 0.00	46.02 2.81 0.00	42.36 2.36 0.00	41.54 2.20 0.00
BOWLINE___2 23595	41.54 1.98 0.00	39.38 1.73 0.00	38.47 1.76 0.00	37.41 1.68 0.00	35.61 1.60 0.00	36.55 1.71 0.00	39.25 1.76 0.00	41.48 1.79 0.00	39.93 1.86 0.00	39.32 2.01 0.00	38.25 1.96 0.00	38.00 2.08 0.00	40.50 2.33 0.00	41.15 2.48 0.00	43.20 2.56 0.00	47.60 2.74 0.00	55.31 3.33 0.00	65.07 3.62 0.00	61.67 3.38 0.00	55.03 3.21 0.00	49.51 2.89 0.00	46.02 2.81 0.00	42.36 2.36 0.00	41.54 2.20 0.00
BRADY___115KV_TB2 356060	40.08 0.51 0.00	38.09 0.45 0.00	37.04 0.33 0.00	36.05 0.32 0.00	34.18 0.17 0.00	34.95 0.10 0.00	37.71 0.22 0.00	39.93 0.24 0.00	38.15 0.08 0.00	37.08 -0.22 0.00	36.03 -0.25 0.00	35.67 -0.25 0.00	37.87 -0.31 0.00	38.29 -0.39 0.00	40.27 -0.37 0.00	44.46 -0.40 0.00	51.77 -0.21 0.00	61.20 -0.25 0.00	58.29 0.00 0.00	51.97 0.16 0.00	46.90 0.28 0.00	43.43 0.22 0.00	40.16 0.16 0.00	39.53 0.20 0.00
BRANSCOMB___SOLAR 323811	41.70 2.13 0.00	39.64 1.99 0.00	38.73 2.02 0.00	37.66 1.93 0.00	35.82 1.80 0.00	36.76 1.92 0.00	39.47 1.99 0.00	41.80 2.10 0.00	40.01 1.94 0.00	39.14 1.83 0.00	38.07 1.78 0.00	37.75 1.83 0.00	40.12 1.95 0.00	40.76 2.09 0.00	42.87 2.23 0.00	47.55 2.69 0.00	55.15 3.17 0.00	65.07 3.62 0.00	61.67 3.38 0.00	54.76 2.95 0.00	49.27 2.66 0.00	45.77 2.55 0.00	42.24 2.24 0.00	41.65 2.32 0.00
BRDGHMPT_69_KV_BK1 55812	43.12 3.56 0.00	40.99 3.35 0.00	39.24 2.53 0.00	38.09 2.36 0.00	36.39 2.38 0.00	37.32 2.47 0.00	40.19 2.70 0.00	42.51 2.82 0.00	41.23 3.16 0.00	41.11 3.81 0.00	40.72 4.43 0.00	40.41 4.49 0.00	42.91 4.73 0.00	43.55 4.87 0.00	45.84 5.20 0.00	50.70 5.83 -0.01	62.89 6.91 -4.00	69.18 7.68 -0.05	67.67 7.29 -2.09	64.03 6.63 -5.58	54.52 5.59 -2.31	51.71 4.97 -3.52	44.12 4.12 0.00	43.35 4.01 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	43.04 3.48 0.00	40.92 3.27 0.00	39.31 2.61 0.00	38.16 2.43 0.00	36.46 2.45 0.00	37.35 2.51 0.00	40.30 2.81 0.00	42.51 2.82 0.00	41.00 2.93 0.00	40.67 3.36 0.00	40.03 3.74 0.00	39.73 3.81 0.00	42.34 4.16 0.00	43.05 4.37 0.00	45.35 4.71 0.00	50.07 5.20 -0.01	57.66 5.30 -0.38	67.42 5.96 -0.01	63.86 5.36 -0.20	57.53 5.18 -0.53	54.28 5.36 -2.31	51.45 4.71 -3.52	44.48 4.48 0.00	43.46 4.13 0.00
BRISTLHL_115KV_TB1 79998	38.69 -0.87 0.00	36.81 -0.83 0.00	35.90 -0.81 0.00	35.01 -0.71 0.00	33.40 -0.61 0.00	34.18 -0.66 0.00	36.81 -0.67 0.00	39.02 -0.67 0.00	37.46 -0.61 0.00	36.71 -0.60 0.00	35.78 -0.51 0.00	35.34 -0.57 0.00	37.53 -0.65 0.00	37.98 -0.70 0.00	39.86 -0.77 0.00	44.01 -0.85 0.00	50.94 -1.04 0.00	60.47 -0.98 0.00	57.36 -0.93 0.00	50.88 -0.93 0.00	45.73 -0.89 0.00	42.31 -0.91 0.00	39.20 -0.80 0.00	38.51 -0.83 0.00
BROOKHAVEN___DRP 24191	42.73 3.16 0.00	40.62 2.97 0.00	38.98 2.28 0.00	37.87 2.14 0.00	36.19 2.18 0.00	37.07 2.23 0.00	39.96 2.47 0.00	42.19 2.50 0.00	40.77 2.70 0.00	40.52 3.21 0.00	39.95 3.67 0.00	39.65 3.74 0.00	42.15 3.97 0.00	42.85 4.18 0.00	45.15 4.51 0.00	49.85 4.98 -0.01	61.75 5.77 -4.01	67.76 6.27 -0.05	66.27 5.89 -2.09	63.00 5.60 -5.59	53.96 5.03 -2.31	51.40 4.67 -3.52	44.12 4.12 0.00	43.11 3.78 0.00
BROOKLYN_NAVY_YARD 23515	41.93 2.37 0.00	39.80 2.14 -0.01	38.76 2.05 0.00	37.58 1.86 0.00	35.82 1.80 0.00	36.79 1.95 0.00	39.51 2.02 0.00	41.80 2.10 0.00	40.24 2.17 0.00	39.73 2.42 0.00	38.65 2.36 0.00	38.40 2.48 0.00	40.93 2.75 0.00	41.62 2.94 0.00	43.68 3.05 0.00	48.13 3.27 0.00	55.93 3.95 0.00	65.57 4.12 0.00	62.14 3.85 0.00	55.54 3.73 0.00	49.97 3.36 0.00	46.50 3.28 0.00	42.76 2.76 0.00	41.89 2.56 0.00
BROOKLYN___ARMY_DRP 323595	42.34 2.77 -0.01	40.16 2.52 0.00	39.02 2.31 0.00	37.76 2.04 0.00	36.19 2.18 0.00	37.04 2.20 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.05 0.00	41.89 3.21 0.00	44.05 3.41 0.00	48.45 3.59 0.00	56.14 4.16 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.29 3.28 -0.01	42.29 2.95 -0.01
BROOME_2_LFGE 323671	39.36 -0.20 0.00	37.42 -0.22 0.00	36.52 -0.18 0.00	35.58 -0.14 0.00	33.95 -0.07 0.00	34.74 -0.10 0.00	37.45 -0.04 0.00	39.73 0.04 0.00	38.11 0.04 0.00	37.34 0.04 0.00	36.36 0.07 0.00	35.95 0.04 0.00	38.25 0.08 0.00	38.75 0.08 0.00	40.71 0.08 0.00	44.95 0.09 0.00	52.08 0.10 0.00	61.88 0.43 0.00	58.71 0.41 0.00	52.02 0.21 0.00	46.76 0.14 0.00	43.30 0.09 0.00	40.12 0.12 0.00	39.37 0.04 0.00
BROOME___LFGE 323600	39.36 -0.20 0.00	37.42 -0.22 0.00	36.52 -0.18 0.00	35.58 -0.14 0.00	33.95 -0.07 0.00	34.74 -0.10 0.00	37.45 -0.04 0.00	39.73 0.04 0.00	38.11 0.04 0.00	37.34 0.04 0.00	36.36 0.07 0.00	35.95 0.04 0.00	38.25 0.08 0.00	38.75 0.08 0.00	40.71 0.08 0.00	44.95 0.09 0.00	52.08 0.10 0.00	61.88 0.43 0.00	58.71 0.41 0.00	52.02 0.21 0.00	46.76 0.14 0.00	43.30 0.09 0.00	40.12 0.12 0.00	39.37 0.04 0.00
BROWNFLS_115KV_TB_3_5 80003	39.40 -0.16 0.00	37.38 -0.26 0.00	36.41 -0.29 0.00	35.44 -0.29 0.00	33.61 -0.41 0.00	34.39 -0.45 0.00	36.96 -0.52 0.00	39.22 -0.48 0.00	37.54 -0.53 0.00	36.52 -0.78 0.00	35.67 -0.62 0.00	35.31 -0.61 0.00	37.45 -0.73 0.00	37.86 -0.81 0.00	39.82 -0.81 0.00	43.83 -1.03 0.00	50.89 -1.09 0.00	60.28 -1.17 0.00	57.36 -0.93 0.00	51.19 -0.62 0.00	46.20 -0.42 0.00	42.83 -0.39 0.00	39.68 -0.32 0.00	39.02 -0.31 0.00
BROWNSV1_27_KV_LOAD 356125	42.21 2.65 0.00	40.13 2.48 0.00	38.95 2.24 0.00	37.73 2.00 0.00	36.09 2.07 0.00	37.07 2.23 0.00	39.81 2.32 0.00	42.12 2.42 0.00	40.54 2.47 0.00	40.03 2.72 0.00	38.97 2.69 0.00	38.72 2.80 0.00	41.31 3.13 0.00	41.93 3.25 0.00	44.09 3.45 0.00	48.58 3.72 0.00	56.40 4.42 0.00	66.24 4.79 0.00	62.72 4.43 0.00	56.01 4.20 0.00	50.39 3.78 0.00	46.89 3.67 0.00	43.24 3.24 0.00	42.25 2.91 0.00
BURROWS___LYONSDAL 23803	39.88 0.32 0.00	37.83 0.19 0.00	36.89 0.18 0.00	35.94 0.21 0.00	34.12 0.10 0.00	34.98 0.14 0.00	37.68 0.19 0.00	39.97 0.28 0.00	38.34 0.27 0.00	37.38 0.07 0.00	36.43 0.15 0.00	36.06 0.14 0.00	38.29 0.11 0.00	38.72 0.04 0.00	40.76 0.12 0.00	45.04 0.18 0.00	52.39 0.42 0.00	62.25 0.80 0.00	59.05 0.76 0.00	52.59 0.78 0.00	47.22 0.61 0.00	43.73 0.52 0.00	40.44 0.44 0.00	39.73 0.39 0.00
CAITHNESS_CC_1 323624	42.69 3.12 0.00	40.54 2.90 0.00	39.02 2.31 0.00	37.91 2.18 0.00	36.02 2.01 0.00	37.00 2.16 0.00	39.89 2.40 0.00	42.12 2.42 0.00	40.66 2.59 0.00	40.40 3.09 0.00	39.85 3.56 0.00	39.54 3.63 0.00	42.03 3.85 0.00	42.83 4.14 -0.01	45.03 4.39 -0.01	49.62 4.75 -0.01	61.49 5.51 -4.01	67.46 5.96 -0.05	65.98 5.60 -2.09	62.79 5.39 -5.59	53.82 4.89 -2.31	51.27 4.54 -3.52	43.93 3.92 -0.01	43.03 3.70 0.00
CALPINE BETH_PAGE_GT4 24209	42.49 2.93 0.00	40.54 2.90 0.00	39.02 2.31 0.00	37.91 2.18 0.00	36.19 2.18 0.00	37.11 2.26 0.00	39.96 2.47 0.00	42.19 2.50 0.00	40.70 2.63 0.00	40.33 3.02 0.00	39.63 3.34 0.00	39.37 3.45 0.00	41.95 3.78 0.00	42.62 3.95 0.00	44.74 4.10 0.00	49.13 4.26 -0.01	56.88 4.89 -0.01	66.81 5.35 -0.01	63.26 4.96 -0.01	56.54 4.71 -0.01	53.21 4.29 -2.31	51.10 4.32 -3.56	44.00 4.00 0.00	42.99 3.66 0.00
CALPINE_BETH_PAGE_GT_4 323586	42.57 3.01 0.00	40.54 2.90 0.00	39.13 2.42 0.00	38.05 2.32 0.00	36.16 2.14 0.00	37.11 2.26 0.00	39.96 2.47 0.00	42.20 2.50 0.00	40.69 2.62 0.00	40.33 3.02 0.00	39.62 3.34 0.00	39.33 3.41 0.00	41.96 3.78 0.00	42.71 4.02 -0.01	44.75 4.10 -0.01	49.09 4.22 -0.01	56.87 4.88 -0.01	66.80 5.34 -0.01	63.26 4.95 -0.01	56.54 4.71 -0.01	53.21 4.29 -2.31	51.10 4.32 -3.56	43.93 3.92 -0.01	42.99 3.66 0.00
CALPINE_BP_GT1 23823	42.57 3.01 0.00	40.54 2.90 0.00	39.13 2.42 0.00	38.05 2.32 0.00	36.16 2.14 0.00	37.11 2.26 0.00	39.96 2.47 0.00	42.20 2.50 0.00	40.69 2.62 0.00	40.33 3.02 0.00	39.62 3.34 0.00	39.33 3.41 0.00	41.96 3.78 0.00	42.71 4.02 -0.01	44.75 4.10 -0.01	49.09 4.22 -0.01	56.87 4.88 -0.01	66.80 5.34 -0.01	63.26 4.95 -0.01	56.54 4.71 -0.01	53.21 4.29 -2.31	51.10 4.32 -3.56	43.93 3.92 -0.01	42.99 3.66 0.00
CALSPAN___DRP 24200	35.59 -3.96 0.02	33.98 -3.65 0.02	33.13 -3.56 0.02	32.43 -3.29 0.01	31.16 -2.86 0.00	31.71 -3.14 0.00	34.49 -3.00 0.00	36.64 -3.06 0.00	34.64 -3.43 0.00	33.90 -3.40 0.01	32.79 -3.48 0.02	32.45 -3.45 0.02	34.65 -3.51 0.02	35.14 -3.52 0.01	36.72 -3.90 0.02	40.63 -4.22 0.02	46.56 -5.41 0.02	56.29 -5.16 0.00	53.57 -4.72 0.00	46.93 -4.87 0.01	42.23 -4.38 0.00	39.09 -4.11 0.02	36.64 -3.36 0.00	36.46 -2.87 0.00

CALVERTON___SOLAR 323806	42.88 3.32 0.00	40.73 3.09 0.00	39.17 2.46 0.00	38.05 2.32 0.00	36.16 2.14 0.00	37.14 2.30 0.00	40.04 2.55 0.00	42.31 2.62 0.00	40.85 2.78 0.00	40.63 3.32 0.00	40.10 3.81 0.00	39.80 3.88 0.00	42.30 4.12 0.00	43.05 4.37 -0.01	45.27 4.63 -0.01	49.98 5.11 -0.01	61.96 5.97 -4.01	68.07 6.58 -0.05	66.62 6.24 -2.09	63.25 5.85 -5.59	54.14 5.22 -2.31	51.53 4.80 -3.52	44.13 4.12 -0.01	43.23 3.89 0.00
CANDIGU_WT_PWR 323617	35.66 -3.88 0.03	33.88 -3.73 0.03	33.08 -3.60 0.03	32.35 -3.36 0.02	31.09 -2.93 0.00	31.67 -3.17 0.00	34.41 -3.07 0.00	36.56 -3.14 0.00	34.68 -3.39 0.00	33.78 -3.51 0.02	32.81 -3.45 0.03	32.33 -3.56 0.03	34.48 -3.66 0.03	35.02 -3.64 0.02	36.66 -3.94 0.03	40.52 -4.31 0.03	46.96 -4.99 0.03	56.59 -4.86 0.00	53.81 -4.49 0.00	47.39 -4.40 0.02	42.61 -4.01 0.00	39.38 -3.80 0.03	36.96 -3.04 0.00	36.31 -3.03 0.00
CARR STREET_E_SYR 24060	38.97 -0.59 0.00	37.12 -0.53 0.00	36.16 -0.55 0.00	35.23 -0.50 0.00	33.64 -0.37 0.00	34.46 -0.38 0.00	37.11 -0.37 0.00	39.34 -0.36 0.00	37.76 -0.31 0.00	37.01 -0.30 0.00	36.07 -0.22 0.00	35.63 -0.29 0.00	37.87 -0.31 0.00	38.29 -0.39 0.00	40.27 -0.37 0.00	44.45 -0.40 0.00	51.46 -0.52 0.00	61.08 -0.37 0.00	57.89 -0.41 0.00	51.34 -0.47 0.00	46.15 -0.47 0.00	42.70 -0.52 0.00	39.60 -0.40 0.00	38.86 -0.47 0.00
CARTHAGE___PAPER 23857	39.56 0.00 0.00	37.49 -0.15 0.00	36.49 -0.22 0.00	35.55 -0.18 0.00	33.71 -0.31 0.00	34.56 -0.28 0.00	37.23 -0.26 0.00	39.54 -0.16 0.00	37.73 -0.34 0.00	36.71 -0.60 0.00	35.82 -0.47 0.00	35.38 -0.54 0.00	37.53 -0.65 0.00	37.90 -0.77 0.00	39.98 -0.65 0.00	44.23 -0.63 0.00	51.62 -0.36 0.00	61.57 0.12 0.00	58.53 0.23 0.00	52.22 0.41 0.00	46.90 0.28 0.00	43.43 0.22 0.00	40.12 0.12 0.00	39.33 0.00 0.00
CASSADAGA_WT_PWR 323784	34.20 -5.34 0.02	32.51 -5.12 0.02	31.81 -4.88 0.02	31.11 -4.61 0.01	29.83 -4.18 0.00	30.28 -4.56 0.00	33.06 -4.42 0.00	35.09 -4.60 0.00	33.31 -4.76 0.00	32.56 -4.74 0.01	31.48 -4.79 0.02	31.12 -4.78 0.02	33.19 -4.96 0.02	33.56 -5.11 0.02	35.05 -5.57 0.02	38.74 -6.10 0.02	44.48 -7.48 0.02	56.29 -5.16 0.00	53.57 -4.72 0.00	47.09 -4.71 0.01	40.93 -5.69 0.00	37.84 -5.36 0.02	35.76 -4.24 0.00	35.21 -4.13 0.00
CE_DUNWOOD___DRP 24194	41.66 2.10 0.00	39.64 2.00 0.00	38.54 1.84 0.00	37.44 1.71 0.00	35.75 1.73 0.00	36.69 1.85 0.00	39.40 1.91 0.00	41.64 1.95 0.00	40.09 2.02 0.00	39.51 2.20 0.00	38.43 2.14 0.00	38.22 2.30 0.00	40.73 2.56 0.00	41.35 2.67 0.00	43.48 2.84 0.00	47.91 3.05 0.00	55.67 3.69 0.00	65.44 3.99 0.00	62.03 3.73 0.00	55.34 3.52 0.00	49.79 3.17 0.00	46.28 3.07 0.00	42.68 2.68 0.00	41.73 2.40 0.00
CE_MILLWOOD___DRP 24193	41.58 2.02 0.00	39.49 1.84 0.00	38.47 1.76 0.00	37.37 1.64 0.00	35.68 1.67 0.00	36.62 1.78 0.00	39.32 1.84 0.00	41.56 1.87 0.00	40.01 1.94 0.00	39.43 2.13 0.00	38.36 2.07 0.00	38.11 2.19 0.00	40.62 2.44 0.00	41.23 2.55 0.00	43.36 2.72 0.00	47.82 2.96 0.00	55.51 3.53 0.00	65.26 3.81 0.00	61.85 3.56 0.00	55.18 3.37 0.00	49.65 3.03 0.00	46.20 2.98 0.00	42.56 2.56 0.00	41.66 2.32 0.00
CE_NYC2_DRP 24202	42.05 2.49 0.00	39.94 2.30 0.00	38.80 2.09 0.00	37.59 1.86 0.00	36.02 2.01 0.00	36.90 2.06 0.00	39.55 2.06 0.00	41.80 2.10 0.00	40.24 2.17 0.00	39.77 2.46 0.00	38.72 2.43 0.00	38.50 2.59 0.00	41.04 2.86 0.00	41.66 2.98 0.00	43.80 3.17 0.00	48.18 3.32 0.00	55.88 3.90 0.00	65.44 3.99 0.00	61.97 3.67 0.00	55.54 3.73 0.00	50.02 3.40 0.00	46.59 3.37 0.00	42.96 2.96 0.00	41.97 2.64 0.00
CE_NYC_DRP 24195	42.01 2.45 0.00	39.90 2.26 0.00	38.76 2.06 0.00	37.59 1.86 0.00	35.95 1.94 0.00	36.90 2.06 0.00	39.62 2.14 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.85 2.54 0.00	38.76 2.47 0.00	38.54 2.62 0.00	41.08 2.90 0.00	41.69 3.02 0.00	43.89 3.25 0.00	48.31 3.45 0.00	56.08 4.11 0.00	65.75 4.30 0.00	62.32 4.02 0.00	55.65 3.83 0.00	50.07 3.45 0.00	46.59 3.37 0.00	42.96 2.96 0.00	41.97 2.64 0.00
CHAFFEE___LFGE 323603	35.55 -3.99 0.02	33.86 -3.76 0.02	33.09 -3.60 0.02	32.36 -3.36 0.01	31.16 -2.86 0.00	31.71 -3.14 0.00	34.53 -2.96 0.00	36.72 -2.98 0.00	34.76 -3.31 0.00	33.98 -3.32 0.01	32.86 -3.41 0.02	32.49 -3.41 0.02	34.68 -3.47 0.02	35.10 -3.56 0.02	36.76 -3.86 0.02	40.62 -4.22 0.02	46.50 -5.46 0.02	56.47 -4.98 0.00	53.69 -4.61 0.00	47.09 -4.71 0.01	42.37 -4.24 0.00	39.27 -3.93 0.02	37.12 -2.88 0.00	36.54 -2.79 0.00
CHATEAUG_35_KV_LOAD 355732	39.40 -0.16 0.00	37.42 -0.23 0.00	36.34 -0.37 0.00	35.16 -0.57 0.00	33.27 -0.75 0.00	33.94 -0.91 0.00	36.63 -0.86 0.00	38.74 -0.95 0.00	37.08 -0.99 0.00	36.08 -1.23 0.00	34.98 -1.31 0.00	34.55 -1.36 0.00	36.65 -1.53 0.00	37.09 -1.59 0.00	38.93 -1.71 0.00	43.02 -1.84 0.00	50.06 -1.92 0.00	58.99 -2.46 0.00	56.20 -2.10 0.00	50.00 -1.81 0.00	45.08 -1.54 0.00	41.70 -1.51 0.00	38.56 -1.44 0.00	37.96 -1.38 0.00
CHATEAUG_WT_PWR 323614	39.33 -0.24 0.00	37.38 -0.26 0.00	36.30 -0.40 0.00	35.12 -0.61 0.00	33.27 -0.75 0.00	33.94 -0.91 0.00	36.59 -0.90 0.00	38.74 -0.95 0.00	37.08 -0.99 0.00	36.11 -1.20 0.00	35.05 -1.23 0.00	34.63 -1.29 0.00	36.72 -1.45 0.00	37.17 -1.51 0.00	39.01 -1.63 0.00	43.06 -1.80 0.00	50.06 -1.92 0.00	58.99 -2.46 0.00	56.14 -2.16 0.00	49.95 -1.86 0.00	45.03 -1.59 0.00	41.70 -1.51 0.00	38.56 -1.44 0.00	37.96 -1.38 0.00
CHAT_HIGH_FALL_HYD 323578	39.40 -0.16 0.00	37.42 -0.23 0.00	36.34 -0.37 0.00	35.16 -0.57 0.00	33.27 -0.75 0.00	33.94 -0.91 0.00	36.63 -0.86 0.00	38.74 -0.95 0.00	37.08 -0.99 0.00	36.08 -1.23 0.00	34.98 -1.31 0.00	34.55 -1.36 0.00	36.65 -1.53 0.00	37.09 -1.59 0.00	38.93 -1.71 0.00	43.02 -1.84 0.00	50.06 -1.92 0.00	58.99 -2.46 0.00	56.20 -2.10 0.00	50.00 -1.81 0.00	45.08 -1.54 0.00	41.70 -1.51 0.00	38.56 -1.44 0.00	37.96 -1.38 0.00
CHAUTAUQUA___LFGE 323629	35.07 -4.47 0.02	33.45 -4.18 0.02	32.65 -4.04 0.02	31.97 -3.75 0.01	30.75 -3.27 0.00	31.29 -3.55 0.00	34.08 -3.41 0.00	36.20 -3.49 0.00	34.34 -3.73 0.00	33.57 -3.73 0.01	32.42 -3.85 0.02	32.02 -3.88 0.02	34.23 -3.93 0.02	34.64 -4.02 0.01	36.19 -4.43 0.02	39.95 -4.89 0.02	45.83 -6.13 0.02	56.53 -4.92 0.00	53.81 -4.49 0.00	47.24 -4.56 0.01	42.05 -4.57 0.00	38.84 -4.36 0.02	36.72 -3.28 0.00	36.11 -3.22 0.00
CHERRYST_13_KV_LD 356241	42.09 2.53 0.00	39.98 2.33 0.00	38.84 2.13 0.00	37.66 1.93 0.00	36.02 2.01 0.00	36.97 2.13 0.00	39.74 2.25 0.00	42.00 2.30 0.00	40.47 2.40 0.00	39.92 2.61 0.00	38.86 2.58 0.00	38.61 2.69 0.00	41.19 3.02 0.00	41.81 3.13 0.00	43.97 3.33 0.00	48.40 3.54 0.00	56.19 4.21 0.00	65.93 4.49 0.00	62.49 4.20 0.00	55.80 3.99 0.00	50.21 3.59 0.00	46.72 3.50 0.00	43.08 3.08 0.00	42.05 2.71 0.00

CHESTROR_138KV_BK263 355645	41.26 1.70 0.00	39.19 1.54 0.00	38.21 1.51 0.00	37.12 1.39 0.00	35.44 1.43 0.00	36.37 1.53 0.00	39.06 1.57 0.00	41.28 1.59 0.00	39.71 1.64 0.00	39.06 1.75 0.00	37.99 1.71 0.00	37.71 1.80 0.00	40.20 2.02 0.00	40.80 2.13 0.00	42.91 2.28 0.00	47.28 2.42 0.00	54.99 3.01 0.00	64.71 3.26 0.00	61.33 3.03 0.00	54.71 2.90 0.00	49.18 2.56 0.00	45.72 2.51 0.00	42.20 2.20 0.00	41.30 1.97 0.00
CH_MIDHUDSON___DRP 24192	41.42 1.86 0.00	39.37 1.73 0.00	38.40 1.69 0.00	37.30 1.57 0.00	35.58 1.56 0.00	36.51 1.67 0.00	39.21 1.72 0.00	41.36 1.67 0.00	39.86 1.79 0.00	39.17 1.87 0.00	38.10 1.81 0.00	37.82 1.90 0.00	40.35 2.18 0.00	40.96 2.28 0.00	43.07 2.44 0.00	47.51 2.65 0.00	55.20 3.22 0.00	64.95 3.50 0.00	61.56 3.26 0.00	54.87 3.06 0.00	49.37 2.75 0.00	45.94 2.72 0.00	42.32 2.32 0.00	41.46 2.12 0.00
CH_MISC_IPPS 23765	41.66 2.10 0.00	39.52 1.88 0.00	38.62 1.91 0.00	37.51 1.79 0.00	35.71 1.70 0.00	36.65 1.81 0.00	39.32 1.84 0.00	41.52 1.83 0.00	40.01 1.94 0.00	39.28 1.98 0.00	38.21 1.92 0.00	37.93 2.01 0.00	40.47 2.29 0.00	41.15 2.48 0.00	43.24 2.60 0.00	47.64 2.78 0.00	55.46 3.48 0.00	65.32 3.87 0.00	61.91 3.62 0.00	55.18 3.37 0.00	49.60 2.99 0.00	46.16 2.94 0.00	42.48 2.48 0.00	41.62 2.28 0.00
CH_RES_BVR_FALLS 23983	38.57 -0.99 0.00	36.70 -0.94 0.00	35.75 -0.95 0.00	34.77 -0.96 0.00	33.06 -0.95 0.00	33.87 -0.98 0.00	36.51 -0.97 0.00	38.70 -0.99 0.00	37.12 -0.95 0.00	36.34 -0.97 0.00	35.31 -0.98 0.00	34.91 -1.01 0.00	37.11 -1.07 0.00	37.55 -1.12 0.00	39.50 -1.14 0.00	43.60 -1.26 0.00	50.58 -1.40 0.00	59.79 -1.66 0.00	56.78 -1.52 0.00	50.46 -1.35 0.00	45.40 -1.21 0.00	42.09 -1.12 0.00	38.92 -1.08 0.00	38.27 -1.06 0.00
CH_RES_NIAGARA 23895	34.64 -4.91 0.01	33.00 -4.63 0.01	32.44 -4.26 0.01	31.79 -3.93 0.01	30.51 -3.50 0.00	31.04 -3.80 0.00	33.70 -3.79 0.00	35.84 -3.85 0.00	33.88 -4.19 0.00	33.16 -4.14 0.01	31.92 -4.35 0.01	31.41 -4.49 0.01	33.81 -4.35 0.01	34.43 -4.22 0.03	35.62 -5.00 0.01	39.24 -5.61 0.01	44.79 -7.17 0.01	54.69 -6.76 0.00	52.00 -6.30 0.00	45.48 -6.32 0.01	40.98 -5.64 0.00	37.97 -5.23 0.01	35.72 -4.28 0.00	35.56 -3.78 0.00
CH_RES_SYRACUSE 23985	39.20 -0.36 0.00	37.34 -0.30 0.00	36.34 -0.37 0.00	35.44 -0.29 0.00	33.84 -0.17 0.00	34.63 -0.21 0.00	37.34 -0.15 0.00	39.58 -0.12 0.00	38.03 -0.04 0.00	37.27 -0.04 0.00	36.32 0.04 0.00	35.88 -0.04 0.00	38.14 -0.04 0.00	38.56 -0.12 0.00	40.55 -0.08 0.00	44.72 -0.13 0.00	51.82 -0.16 0.00	61.51 0.06 0.00	58.29 0.00 0.00	51.71 -0.10 0.00	46.48 -0.14 0.00	43.00 -0.22 0.00	39.88 -0.12 0.00	39.10 -0.23 0.00
CLINTON_WT_PWR 323605	39.33 -0.24 0.00	37.38 -0.26 0.00	36.30 -0.40 0.00	35.12 -0.61 0.00	33.27 -0.75 0.00	33.94 -0.91 0.00	36.59 -0.90 0.00	38.74 -0.95 0.00	37.08 -0.99 0.00	36.11 -1.20 0.00	35.05 -1.23 0.00	34.63 -1.29 0.00	36.72 -1.45 0.00	37.17 -1.51 0.00	39.01 -1.63 0.00	43.06 -1.80 0.00	50.06 -1.92 0.00	58.99 -2.46 0.00	56.14 -2.16 0.00	49.95 -1.86 0.00	45.03 -1.59 0.00	41.70 -1.51 0.00	38.56 -1.44 0.00	37.96 -1.38 0.00
CLINTON___LFGE 323618	39.60 0.04 0.00	37.64 0.00 0.00	36.56 -0.15 0.00	35.37 -0.36 0.00	33.47 -0.55 0.00	34.15 -0.70 0.00	36.85 -0.64 0.00	39.02 -0.68 0.00	37.31 -0.76 0.00	36.30 -1.01 0.00	35.23 -1.05 0.00	34.80 -1.11 0.00	36.92 -1.26 0.00	37.36 -1.32 0.00	39.21 -1.42 0.00	43.33 -1.53 0.00	50.47 -1.51 0.00	59.48 -1.97 0.00	56.66 -1.63 0.00	50.42 -1.40 0.00	45.45 -1.16 0.00	42.01 -1.21 0.00	38.80 -1.20 0.00	38.19 -1.14 0.00
COBBLENY_34_KV_TB1 80064	35.67 -3.88 0.02	34.01 -3.61 0.02	33.17 -3.52 0.02	32.47 -3.25 0.01	31.19 -2.82 0.00	31.71 -3.14 0.00	34.53 -2.96 0.00	36.68 -3.02 0.00	34.68 -3.39 0.00	33.98 -3.32 0.01	32.86 -3.41 0.02	32.56 -3.34 0.02	34.72 -3.44 0.02	35.22 -3.44 0.02	36.84 -3.78 0.02	40.80 -4.04 0.02	46.76 -5.20 0.02	56.47 -4.98 0.00	53.69 -4.61 0.00	47.09 -4.71 0.01	42.37 -4.24 0.00	39.27 -3.93 0.02	36.72 -3.28 0.00	36.54 -2.79 0.00
COFFEEN___115KV_TB3 355620	39.84 0.28 0.00	37.64 0.00 0.00	36.67 -0.04 0.00	35.80 0.07 0.00	33.88 -0.14 0.00	34.77 -0.07 0.00	37.49 0.00 0.00	39.81 0.12 0.00	38.07 0.00 0.00	36.97 -0.34 0.00	36.07 -0.22 0.00	35.60 -0.32 0.00	37.76 -0.42 0.00	38.10 -0.58 0.00	40.15 -0.49 0.00	44.50 -0.36 0.00	52.13 0.16 0.00	62.37 0.92 0.00	59.34 1.05 0.00	52.95 1.14 0.00	47.41 0.79 0.00	43.82 0.61 0.00	40.44 0.44 0.00	39.65 0.31 0.00
COLDSPRG_115KV_BK1 355956	35.59 -3.96 0.02	34.01 -3.61 0.02	32.94 -3.74 0.02	32.22 -3.50 0.01	30.95 -3.06 0.00	31.43 -3.41 0.00	34.30 -3.19 0.00	36.44 -3.25 0.00	34.57 -3.50 0.00	33.87 -3.43 0.01	32.86 -3.41 0.02	32.67 -3.23 0.02	34.61 -3.55 0.02	34.95 -3.71 0.02	36.84 -3.78 0.02	40.89 -3.95 0.02	47.02 -4.94 0.02	57.33 -4.12 0.00	54.56 -3.73 0.00	47.97 -3.83 0.01	42.51 -4.10 0.00	39.31 -3.89 0.02	36.72 -3.28 0.00	36.42 -2.91 0.00
COLONIE_LFGE___ 323577	41.18 1.62 0.00	39.19 1.54 0.00	38.29 1.58 0.00	37.23 1.50 0.00	35.41 1.40 0.00	36.34 1.50 0.00	39.03 1.54 0.00	41.32 1.63 0.00	39.59 1.52 0.00	38.80 1.49 0.00	37.74 1.45 0.00	37.43 1.51 0.00	39.82 1.64 0.00	40.42 1.74 0.00	42.47 1.83 0.00	46.97 2.11 0.00	54.37 2.39 0.00	63.97 2.52 0.00	60.69 2.39 0.00	53.89 2.07 0.00	48.48 1.87 0.00	45.03 1.81 0.00	41.64 1.64 0.00	41.14 1.81 0.00
COOPERNY_115KV_TB1 80082	40.87 1.31 0.00	38.85 1.20 0.00	37.88 1.17 0.00	36.84 1.11 0.00	35.10 1.09 0.00	36.03 1.18 0.00	38.73 1.24 0.00	40.96 1.27 0.00	39.36 1.29 0.00	38.69 1.38 0.00	37.67 1.38 0.00	37.36 1.44 0.00	39.78 1.60 0.00	40.34 1.66 0.00	42.42 1.79 0.00	46.79 1.93 0.00	54.32 2.34 0.00	64.03 2.58 0.00	60.68 2.39 0.00	54.09 2.28 0.00	48.62 2.00 0.00	45.16 1.94 0.00	41.68 1.68 0.00	40.87 1.53 0.00
COPENHAGEN_WT_PWR 323753	39.52 -0.04 0.00	37.42 -0.22 0.00	36.45 -0.26 0.00	35.55 -0.18 0.00	33.71 -0.31 0.00	34.56 -0.28 0.00	37.26 -0.22 0.00	39.58 -0.12 0.00	37.80 -0.26 0.00	36.82 -0.49 0.00	35.93 -0.36 0.00	35.45 -0.47 0.00	37.64 -0.53 0.00	37.98 -0.70 0.00	40.03 -0.61 0.00	44.27 -0.58 0.00	51.77 -0.21 0.00	61.82 0.37 0.00	58.76 0.46 0.00	52.38 0.57 0.00	46.94 0.33 0.00	43.43 0.22 0.00	40.16 0.16 0.00	39.33 0.00 0.00
CORNELL_____ 23752	39.81 0.20 -0.05	37.84 0.15 -0.05	36.87 0.11 -0.05	35.90 0.14 -0.03	34.25 0.24 0.00	35.05 0.21 0.00	37.86 0.37 0.00	40.17 0.48 0.00	38.53 0.46 0.00	37.67 0.34 -0.03	36.66 0.33 -0.05	36.18 0.22 -0.05	38.49 0.27 -0.05	38.99 0.27 -0.04	41.05 0.37 -0.05	45.36 0.45 -0.05	52.76 0.73 -0.05	62.80 1.35 0.00	59.58 1.28 0.00	52.88 1.04 -0.03	47.45 0.84 0.00	43.91 0.65 -0.05	40.56 0.56 0.00	39.77 0.43 0.00

CORONA V_69_KV_TB1 355595	42.49 2.93 0.00	40.39 2.75 0.00	38.95 2.24 0.00	37.84 2.11 0.00	36.12 2.11 0.00	37.04 2.20 0.00	39.89 2.40 0.00	42.12 2.42 0.00	40.58 2.51 0.00	40.18 2.87 0.00	39.41 3.12 0.00	39.15 3.23 0.00	41.73 3.55 0.00	42.39 3.71 0.00	44.62 3.98 0.00	49.09 4.22 -0.02	56.93 4.94 -0.02	66.87 5.41 -0.02	63.38 5.07 -0.02	56.54 4.71 -0.02	53.17 4.24 -2.31	51.03 4.11 -3.71	43.76 3.76 0.00	42.80 3.46 0.00
CORTLAND_115KV_TB3 80093	39.73 0.16 -0.01	37.77 0.11 -0.01	36.83 0.11 -0.01	35.88 0.14 -0.01	34.22 0.20 0.00	35.02 0.17 0.00	37.79 0.30 0.00	40.05 0.36 0.00	38.45 0.38 0.00	37.61 0.30 -0.01	36.66 0.36 -0.01	36.22 0.29 -0.01	38.49 0.31 -0.01	39.00 0.31 -0.01	41.01 0.37 -0.01	45.32 0.45 -0.01	52.62 0.62 -0.01	62.43 0.98 0.00	59.23 0.93 0.00	52.55 0.73 -0.01	47.22 0.61 0.00	43.71 0.48 -0.01	40.40 0.40 0.00	39.65 0.31 0.00
COXSACKIE__GT 23611	41.46 1.90 0.00	39.56 1.92 0.00	38.65 1.94 0.00	37.55 1.82 0.00	35.68 1.67 0.00	36.62 1.78 0.00	39.36 1.87 0.00	41.44 1.74 0.00	39.63 1.56 0.00	38.39 1.08 0.00	37.30 1.01 0.00	36.89 0.97 0.00	39.32 1.14 0.00	39.99 1.32 0.00	42.14 1.50 0.00	46.74 1.88 0.00	54.42 2.44 0.00	64.52 3.07 0.00	61.15 2.86 0.00	54.30 2.49 0.00	48.72 2.10 0.00	45.46 2.25 0.00	42.04 2.04 0.00	41.46 2.12 0.00
CPV_VALLEY__CC1 323721	41.18 1.62 0.00	39.07 1.43 0.00	38.21 1.51 0.00	37.12 1.39 0.00	35.34 1.33 0.00	36.27 1.43 0.00	38.95 1.46 0.00	41.16 1.47 0.00	39.59 1.52 0.00	38.95 1.64 0.00	37.88 1.59 0.00	37.61 1.69 0.00	40.08 1.91 0.00	40.73 2.05 0.00	42.75 2.11 0.00	47.10 2.24 0.00	54.73 2.75 0.00	64.52 3.07 0.00	61.15 2.86 0.00	54.50 2.69 0.00	48.99 2.38 0.00	45.55 2.33 0.00	41.96 1.96 0.00	41.14 1.81 0.00
CPV_VALLEY__CC2 323722	41.18 1.62 0.00	39.07 1.43 0.00	38.21 1.51 0.00	37.12 1.39 0.00	35.34 1.33 0.00	36.27 1.43 0.00	38.95 1.46 0.00	41.16 1.47 0.00	39.59 1.52 0.00	38.95 1.64 0.00	37.88 1.59 0.00	37.61 1.69 0.00	40.08 1.91 0.00	40.73 2.05 0.00	42.75 2.11 0.00	47.10 2.24 0.00	54.73 2.75 0.00	64.52 3.07 0.00	61.15 2.86 0.00	54.50 2.69 0.00	48.99 2.38 0.00	45.55 2.33 0.00	41.96 1.96 0.00	41.14 1.81 0.00
CRESCENT__HYD 24018	41.18 1.62 0.00	39.19 1.54 0.00	38.29 1.58 0.00	37.23 1.50 0.00	35.41 1.40 0.00	36.34 1.50 0.00	39.03 1.54 0.00	41.32 1.63 0.00	39.59 1.52 0.00	38.80 1.49 0.00	37.74 1.45 0.00	37.43 1.51 0.00	39.82 1.64 0.00	40.42 1.74 0.00	42.47 1.83 0.00	46.97 2.11 0.00	54.37 2.39 0.00	63.97 2.52 0.00	60.69 2.39 0.00	53.89 2.07 0.00	48.48 1.87 0.00	45.03 1.81 0.00	41.64 1.64 0.00	41.14 1.81 0.00
CRICKET__VALLEY_CC1 323756	41.10 1.54 0.00	39.00 1.35 0.00	38.14 1.43 0.00	37.16 1.43 0.00	35.38 1.36 0.00	36.30 1.46 0.00	38.84 1.35 0.00	41.00 1.31 0.00	39.44 1.37 0.00	38.84 1.53 0.00	37.81 1.52 0.00	37.54 1.62 0.00	40.01 1.83 0.00	40.65 1.97 0.00	42.71 2.07 0.00	47.06 2.20 0.00	54.63 2.65 0.00	64.28 2.83 0.00	60.92 2.63 0.00	54.30 2.49 0.00	48.85 2.24 0.00	45.46 2.25 0.00	41.84 1.84 0.00	41.02 1.69 0.00
CRICKET__VALLEY_CC2 323757	41.10 1.54 0.00	39.00 1.35 0.00	38.14 1.43 0.00	37.16 1.43 0.00	35.38 1.36 0.00	36.30 1.46 0.00	38.84 1.35 0.00	41.00 1.31 0.00	39.44 1.37 0.00	38.84 1.53 0.00	37.81 1.52 0.00	37.54 1.62 0.00	40.01 1.83 0.00	40.65 1.97 0.00	42.71 2.07 0.00	47.06 2.20 0.00	54.63 2.65 0.00	64.28 2.83 0.00	60.92 2.63 0.00	54.30 2.49 0.00	48.85 2.24 0.00	45.46 2.25 0.00	41.84 1.84 0.00	41.02 1.69 0.00
CRICKET__VALLEY_CC3 323758	41.10 1.54 0.00	39.00 1.35 0.00	38.14 1.43 0.00	37.16 1.43 0.00	35.38 1.36 0.00	36.30 1.46 0.00	38.84 1.35 0.00	41.00 1.31 0.00	39.44 1.37 0.00	38.84 1.53 0.00	37.81 1.52 0.00	37.54 1.62 0.00	40.01 1.83 0.00	40.65 1.97 0.00	42.71 2.07 0.00	47.06 2.20 0.00	54.63 2.65 0.00	64.28 2.83 0.00	60.92 2.63 0.00	54.30 2.49 0.00	48.85 2.24 0.00	45.46 2.25 0.00	41.84 1.84 0.00	41.02 1.69 0.00
CRUCIBLE_METL_DRP 24180	39.21 -0.36 0.00	37.34 -0.30 0.00	36.38 -0.33 0.00	35.48 -0.25 0.00	33.84 -0.17 0.00	34.63 -0.21 0.00	37.34 -0.15 0.00	39.58 -0.12 0.00	38.03 -0.04 0.00	37.27 -0.04 0.00	36.32 0.04 0.00	35.88 -0.04 0.00	38.14 -0.04 0.00	38.60 -0.08 0.00	40.55 -0.08 0.00	44.72 -0.13 0.00	51.82 -0.16 0.00	61.51 0.06 0.00	58.29 0.00 0.00	51.71 -0.10 0.00	46.48 -0.14 0.00	43.00 -0.22 0.00	39.84 -0.16 0.00	39.10 -0.24 0.00
DAHOWA__HYDRO 323763	41.86 2.29 0.00	39.83 2.18 0.00	38.87 2.17 0.00	37.84 2.11 0.00	35.95 1.94 0.00	36.93 2.09 0.00	39.66 2.17 0.00	42.00 2.30 0.00	40.20 2.13 0.00	39.28 1.98 0.00	38.25 1.96 0.00	37.89 1.97 0.00	40.27 2.10 0.00	40.92 2.24 0.00	43.03 2.40 0.00	47.73 2.87 0.00	55.41 3.43 0.00	65.44 3.99 0.00	62.08 3.79 0.00	55.03 3.21 0.00	49.55 2.94 0.00	45.98 2.77 0.00	42.48 2.48 0.00	41.89 2.56 0.00
DANC__LFGE 323619	39.17 -0.40 0.00	37.19 -0.45 0.00	36.19 -0.51 0.00	35.30 -0.43 0.00	33.54 -0.48 0.00	34.39 -0.45 0.00	37.00 -0.49 0.00	39.30 -0.40 0.00	37.61 -0.46 0.00	36.75 -0.56 0.00	35.85 -0.43 0.00	35.38 -0.54 0.00	37.56 -0.61 0.00	37.94 -0.74 0.00	39.94 -0.69 0.00	44.14 -0.72 0.00	51.36 -0.62 0.00	61.20 -0.24 0.00	58.18 -0.12 0.00	51.76 -0.05 0.00	46.43 -0.19 0.00	43.00 -0.22 0.00	39.76 -0.24 0.00	38.98 -0.35 0.00
DANSKAMMER__1 23586	41.66 2.10 0.00	39.52 1.88 0.00	38.62 1.91 0.00	37.51 1.79 0.00	35.71 1.70 0.00	36.65 1.81 0.00	39.32 1.84 0.00	41.52 1.83 0.00	40.01 1.94 0.00	39.28 1.98 0.00	38.21 1.92 0.00	37.93 2.01 0.00	40.47 2.29 0.00	41.15 2.48 0.00	43.24 2.60 0.00	47.64 2.78 0.00	55.46 3.48 0.00	65.32 3.87 0.00	61.91 3.62 0.00	55.18 3.37 0.00	49.60 2.99 0.00	46.16 2.94 0.00	42.48 2.48 0.00	41.62 2.28 0.00
DANSKAMMER__2 23589	41.66 2.10 0.00	39.52 1.88 0.00	38.62 1.91 0.00	37.51 1.79 0.00	35.71 1.70 0.00	36.65 1.81 0.00	39.32 1.84 0.00	41.52 1.83 0.00	40.01 1.94 0.00	39.28 1.98 0.00	38.21 1.92 0.00	37.93 2.01 0.00	40.47 2.29 0.00	41.15 2.48 0.00	43.24 2.60 0.00	47.64 2.78 0.00	55.46 3.48 0.00	65.32 3.87 0.00	61.91 3.62 0.00	55.18 3.37 0.00	49.60 2.99 0.00	46.16 2.94 0.00	42.48 2.48 0.00	41.62 2.28 0.00
DANSKAMMER__3 23590	41.66 2.10 0.00	39.52 1.88 0.00	38.62 1.91 0.00	37.51 1.79 0.00	35.71 1.70 0.00	36.65 1.81 0.00	39.32 1.84 0.00	41.52 1.83 0.00	40.01 1.94 0.00	39.28 1.98 0.00	38.21 1.92 0.00	37.93 2.01 0.00	40.47 2.29 0.00	41.15 2.48 0.00	43.24 2.60 0.00	47.64 2.78 0.00	55.46 3.48 0.00	65.32 3.87 0.00	61.91 3.62 0.00	55.18 3.37 0.00	49.60 2.99 0.00	46.16 2.94 0.00	42.48 2.48 0.00	41.62 2.28 0.00

DANSKAMMER___4 23591	41.66 2.10 0.00	39.52 1.88 0.00	38.62 1.91 0.00	37.51 1.79 0.00	35.71 1.70 0.00	36.65 1.81 0.00	39.32 1.84 0.00	41.52 1.83 0.00	40.01 1.94 0.00	39.28 1.98 0.00	38.21 1.92 0.00	37.93 2.01 0.00	40.47 2.29 0.00	41.15 2.48 0.00	43.24 2.60 0.00	47.64 2.78 0.00	55.46 3.48 0.00	65.32 3.87 0.00	61.91 3.62 0.00	55.18 3.37 0.00	49.60 2.99 0.00	46.16 2.94 0.00	42.48 2.48 0.00	41.62 2.28 0.00
DANSKAMMER___DIESEL 23592	41.58 2.02 0.00	39.52 1.88 0.00	38.51 1.80 0.00	37.41 1.68 0.00	35.68 1.67 0.00	36.65 1.81 0.00	39.36 1.87 0.00	41.52 1.83 0.00	40.01 1.94 0.00	39.29 1.98 0.00	38.21 1.92 0.00	37.93 2.01 0.00	40.47 2.29 0.00	41.08 2.40 0.00	43.24 2.60 0.00	47.69 2.83 0.00	55.46 3.48 0.00	65.32 3.87 0.00	61.91 3.61 0.00	55.18 3.37 0.00	49.60 2.98 0.00	46.16 2.94 0.00	42.56 2.56 0.00	41.62 2.28 0.00
DARBY___SOLAR 323810	41.70 2.13 0.00	39.67 2.03 0.00	38.73 2.02 0.00	37.69 1.96 0.00	35.82 1.80 0.00	36.76 1.92 0.00	39.51 2.02 0.00	41.84 2.14 0.00	40.05 1.98 0.00	39.14 1.83 0.00	38.10 1.81 0.00	37.75 1.83 0.00	40.12 1.95 0.00	40.76 2.09 0.00	42.87 2.23 0.00	47.55 2.69 0.00	55.15 3.17 0.00	65.14 3.69 0.00	61.73 3.44 0.00	54.76 2.95 0.00	49.32 2.70 0.00	45.77 2.55 0.00	42.28 2.28 0.00	41.69 2.36 0.00
DASHVILLE___HYD 23610	41.22 1.66 0.00	39.15 1.51 0.00	38.18 1.47 0.00	37.09 1.36 0.00	35.37 1.36 0.00	36.27 1.43 0.00	38.95 1.46 0.00	41.04 1.35 0.00	39.55 1.48 0.00	38.84 1.53 0.00	37.78 1.49 0.00	37.46 1.54 0.00	39.97 1.79 0.00	40.61 1.93 0.00	42.71 2.07 0.00	47.10 2.24 0.00	54.84 2.86 0.00	64.58 3.13 0.00	61.21 2.91 0.00	54.56 2.75 0.00	49.04 2.42 0.00	45.68 2.46 0.00	42.12 2.12 0.00	41.22 1.89 0.00
DELAWARE___LFGE 323621	40.59 1.03 0.00	38.55 0.90 0.00	37.63 0.92 0.00	36.62 0.89 0.00	34.83 0.82 0.00	35.71 0.87 0.00	38.43 0.94 0.00	40.73 1.03 0.00	39.13 1.07 0.00	38.39 1.08 0.00	37.34 1.05 0.00	37.03 1.11 0.00	39.40 1.22 0.00	39.88 1.20 0.00	41.94 1.30 0.00	46.29 1.44 0.00	53.85 1.87 0.00	63.66 2.21 0.00	60.33 2.04 0.00	53.68 1.87 0.00	48.20 1.58 0.00	44.69 1.47 0.00	41.28 1.28 0.00	40.51 1.18 0.00
DERFIELD_115KV_TB7 355931	39.72 0.16 0.00	37.79 0.15 0.00	36.85 0.15 0.00	35.87 0.14 0.00	34.15 0.14 0.00	35.02 0.17 0.00	37.64 0.15 0.00	39.85 0.16 0.00	38.22 0.15 0.00	37.49 0.19 0.00	36.47 0.18 0.00	36.13 0.22 0.00	38.40 0.23 0.00	38.91 0.23 0.00	40.88 0.24 0.00	45.13 0.27 0.00	52.29 0.31 0.00	61.82 0.37 0.00	58.59 0.29 0.00	52.12 0.31 0.00	46.85 0.23 0.00	43.48 0.26 0.00	40.24 0.24 0.00	39.57 0.24 0.00
DOGLEVILLE___HYD 23807	40.75 1.19 0.00	38.51 0.87 0.00	37.37 0.66 0.00	36.30 0.57 0.00	34.52 0.51 0.00	35.40 0.56 0.00	38.01 0.52 0.00	40.29 0.60 0.00	38.64 0.57 0.00	37.87 0.56 0.00	36.87 0.58 0.00	36.60 0.68 0.00	38.90 0.73 0.00	39.33 0.66 0.00	41.37 0.73 0.00	45.62 0.76 0.00	52.91 0.94 0.00	62.62 1.17 0.00	59.40 1.11 0.00	52.85 1.04 0.00	47.50 0.89 0.00	44.17 0.95 0.00	40.88 0.88 0.00	40.24 0.90 0.00
DUNKIRK__115KV_TB_200 55889	35.31 -4.23 0.02	33.71 -3.91 0.02	32.87 -3.82 0.02	32.18 -3.54 0.01	30.92 -3.10 0.00	31.43 -3.41 0.00	34.19 -3.30 0.00	36.36 -3.33 0.00	34.41 -3.65 0.00	33.68 -3.62 0.01	32.57 -3.70 0.02	32.20 -3.70 0.02	34.38 -3.78 0.02	34.83 -3.83 0.01	36.39 -4.23 0.02	40.27 -4.58 0.02	46.24 -5.72 0.02	56.59 -4.85 0.00	53.86 -4.43 0.00	47.30 -4.51 0.01	42.19 -4.43 0.00	38.92 -4.28 0.02	36.48 -3.52 0.00	36.23 -3.11 0.00
DUNKIRK___1 23563	35.31 -4.23 0.02	33.71 -3.91 0.02	32.87 -3.82 0.02	32.18 -3.54 0.01	30.92 -3.10 0.00	31.43 -3.41 0.00	34.19 -3.30 0.00	36.36 -3.33 0.00	34.41 -3.65 0.00	33.68 -3.62 0.01	32.57 -3.70 0.02	32.20 -3.70 0.02	34.38 -3.78 0.02	34.83 -3.83 0.01	36.39 -4.23 0.02	40.27 -4.58 0.02	46.24 -5.72 0.02	56.59 -4.85 0.00	53.86 -4.43 0.00	47.30 -4.51 0.01	42.19 -4.43 0.00	38.92 -4.28 0.02	36.48 -3.52 0.00	36.23 -3.11 0.00
DUNKIRK___2 23564	35.31 -4.23 0.02	33.71 -3.91 0.02	32.87 -3.82 0.02	32.18 -3.54 0.01	30.92 -3.10 0.00	31.43 -3.41 0.00	34.19 -3.30 0.00	36.36 -3.33 0.00	34.41 -3.65 0.00	33.68 -3.62 0.01	32.57 -3.70 0.02	32.20 -3.70 0.02	34.38 -3.78 0.02	34.83 -3.83 0.01	36.39 -4.23 0.02	40.27 -4.58 0.02	46.24 -5.72 0.02	56.59 -4.85 0.00	53.86 -4.43 0.00	47.30 -4.51 0.01	42.19 -4.43 0.00	38.92 -4.28 0.02	36.48 -3.52 0.00	36.23 -3.11 0.00
DUNKIRK___3 23565	35.47 -4.07 0.02	33.86 -3.76 0.02	33.02 -3.67 0.02	32.29 -3.43 0.01	31.02 -2.99 0.00	31.57 -3.28 0.00	34.34 -3.15 0.00	36.48 -3.22 0.00	34.53 -3.54 0.00	33.79 -3.51 0.01	32.68 -3.59 0.02	32.35 -3.56 0.02	34.53 -3.63 0.02	34.99 -3.67 0.01	36.60 -4.02 0.02	40.45 -4.40 0.02	46.45 -5.51 0.02	56.53 -4.92 0.00	53.81 -4.49 0.00	47.24 -4.56 0.01	42.23 -4.38 0.00	39.05 -4.15 0.02	36.56 -3.44 0.00	36.35 -2.99 0.00
DUNKIRK___4 23566	35.47 -4.07 0.02	33.86 -3.76 0.02	33.02 -3.67 0.02	32.29 -3.43 0.01	31.02 -2.99 0.00	31.57 -3.28 0.00	34.34 -3.15 0.00	36.48 -3.22 0.00	34.53 -3.54 0.00	33.79 -3.51 0.01	32.68 -3.59 0.02	32.35 -3.56 0.02	34.53 -3.63 0.02	34.99 -3.67 0.01	36.60 -4.02 0.02	40.45 -4.40 0.02	46.45 -5.51 0.02	56.53 -4.92 0.00	53.81 -4.49 0.00	47.24 -4.56 0.01	42.23 -4.38 0.00	39.05 -4.15 0.02	36.56 -3.44 0.00	36.35 -2.99 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	41.78 2.22 0.00	39.71 2.07 0.00	38.62 1.91 0.00	37.48 1.75 0.00	35.82 1.80 0.00	36.76 1.92 0.00	39.47 1.99 0.00	41.72 2.02 0.00	40.16 2.09 0.00	39.62 2.31 0.00	38.54 2.25 0.00	38.29 2.37 0.00	40.81 2.63 0.00	41.46 2.78 0.00	43.60 2.97 0.00	48.04 3.18 0.00	55.77 3.79 0.00	65.57 4.12 0.00	62.14 3.85 0.00	55.44 3.63 0.00	49.88 3.26 0.00	46.41 3.20 0.00	42.76 2.76 0.00	41.81 2.48 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	41.42 1.86 0.00	39.34 1.69 0.00	38.36 1.65 0.00	37.26 1.54 0.00	35.58 1.56 0.00	36.51 1.67 0.00	39.21 1.72 0.00	41.40 1.71 0.00	39.86 1.79 0.00	39.17 1.87 0.00	38.10 1.81 0.00	37.82 1.90 0.00	40.35 2.18 0.00	40.96 2.28 0.00	43.07 2.44 0.00	47.51 2.65 0.00	55.25 3.27 0.00	65.07 3.63 0.00	61.62 3.32 0.00	54.97 3.16 0.00	49.41 2.80 0.00	45.98 2.77 0.00	42.36 2.36 0.00	41.46 2.12 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	42.09 2.53 0.00	39.83 2.18 0.00	38.80 2.09 0.00	37.55 1.82 0.00	36.09 2.07 0.00	36.76 1.92 0.00	39.36 1.87 0.00	41.60 1.91 0.00	40.05 1.98 0.00	39.58 2.28 0.00	38.54 2.25 0.00	38.33 2.41 0.00	40.85 2.67 0.00	41.46 2.78 0.00	43.60 2.97 0.00	47.91 3.05 0.00	55.56 3.59 0.00	65.07 3.63 0.00	61.68 3.38 0.00	55.23 3.42 0.00	49.79 3.17 0.00	46.37 3.15 0.00	42.76 2.76 0.00	41.77 2.44 0.00

E179THST_13_KV_LOAD 356214	42.25 2.69 0.00	39.94 2.30 0.00	38.95 2.24 0.00	37.66 1.93 0.00	36.19 2.18 0.00	36.90 2.06 0.00	39.51 2.02 0.00	41.72 2.02 0.00	40.20 2.13 0.00	39.73 2.43 0.00	38.68 2.40 0.00	38.47 2.55 0.00	41.00 2.82 0.00	41.66 2.98 0.00	43.76 3.13 0.00	48.13 3.27 0.00	55.82 3.85 0.00	65.38 3.93 0.00	61.91 3.61 0.00	55.49 3.68 0.00	49.97 3.36 0.00	46.54 3.33 0.00	42.96 2.96 0.00	41.93 2.60 0.00
EAST HAMPTON___GT 23717	43.04 3.48 0.00	40.92 3.27 0.00	39.17 2.46 0.00	38.02 2.29 0.00	36.09 2.08 0.00	37.14 2.30 0.00	39.92 2.44 0.00	42.35 2.66 0.00	41.23 3.16 0.00	41.30 3.99 0.00	40.97 4.68 0.00	40.66 4.74 0.00	43.17 5.00 0.00	43.79 5.11 -0.01	45.92 5.28 -0.01	50.79 5.92 -0.01	63.15 7.18 -4.00	69.48 7.98 -0.05	68.02 7.63 -2.09	64.13 6.73 -5.58	54.23 5.31 -2.31	51.23 4.49 -3.52	43.53 3.52 -0.01	42.99 3.66 0.00
EAST RIVER___6 23660	42.17 2.61 0.00	39.95 2.30 -0.01	38.91 2.20 0.00	37.76 2.04 0.00	35.99 1.97 0.00	36.93 2.09 0.00	39.70 2.21 0.00	41.96 2.26 0.00	40.43 2.36 0.00	39.88 2.57 0.00	38.79 2.50 0.00	38.58 2.66 0.00	41.15 2.98 0.00	41.85 3.17 0.00	43.93 3.29 0.00	48.31 3.45 0.00	56.08 4.11 0.00	65.81 4.36 0.00	62.31 4.02 0.00	55.59 3.78 0.00	50.02 3.40 0.00	46.50 3.28 0.00	42.80 2.80 0.00	41.89 2.56 0.00
EAST RIVER___7 23524	42.17 2.61 0.00	39.95 2.30 -0.01	38.91 2.20 0.00	37.76 2.04 0.00	35.99 1.97 0.00	36.93 2.09 0.00	39.70 2.21 0.00	41.96 2.26 0.00	40.43 2.36 0.00	39.88 2.57 0.00	38.79 2.50 0.00	38.58 2.66 0.00	41.15 2.98 0.00	41.85 3.17 0.00	43.93 3.29 0.00	48.31 3.45 0.00	56.08 4.11 0.00	65.81 4.36 0.00	62.31 4.02 0.00	55.59 3.78 0.00	50.02 3.40 0.00	46.50 3.28 0.00	42.80 2.80 0.00	41.89 2.56 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	41.66 2.10 0.00	39.64 2.00 0.00	38.54 1.84 0.00	37.44 1.71 0.00	35.75 1.73 0.00	36.69 1.85 0.00	39.40 1.91 0.00	41.64 1.95 0.00	40.09 2.02 0.00	39.51 2.20 0.00	38.43 2.14 0.00	38.22 2.30 0.00	40.73 2.56 0.00	41.35 2.67 0.00	43.48 2.84 0.00	47.91 3.05 0.00	55.67 3.69 0.00	65.44 3.99 0.00	62.03 3.73 0.00	55.34 3.52 0.00	49.79 3.17 0.00	46.28 3.07 0.00	42.68 2.68 0.00	41.73 2.40 0.00
EAST_HAMPTON___DIESEL 23722	43.00 3.44 0.00	40.84 3.20 0.00	39.09 2.38 0.00	37.94 2.22 0.00	36.05 2.04 0.00	37.11 2.26 0.00	39.85 2.36 0.00	42.31 2.62 0.00	41.19 3.12 0.00	41.26 3.95 0.00	40.97 4.68 0.00	40.66 4.74 0.00	43.14 4.96 0.00	43.75 5.07 -0.01	45.89 5.24 -0.01	50.79 5.92 -0.01	63.10 7.12 -4.00	69.43 7.93 -0.05	67.96 7.57 -2.09	64.08 6.69 -5.58	54.14 5.22 -2.31	51.10 4.36 -3.52	43.40 3.40 -0.01	42.91 3.58 0.00
EAST_POINT___SOLAR 323840	41.50 1.94 0.00	39.38 1.73 0.00	38.43 1.73 0.00	37.41 1.68 0.00	35.55 1.53 0.00	36.55 1.71 0.00	39.18 1.69 0.00	41.40 1.71 0.00	39.36 1.30 0.00	38.05 0.75 0.00	36.76 0.47 0.00	36.46 0.54 0.00	38.78 0.61 0.00	39.41 0.73 0.00	41.77 1.14 0.00	46.74 1.88 0.00	55.20 3.22 0.00	65.69 4.24 0.00	62.31 4.02 0.00	55.23 3.42 0.00	49.60 2.99 0.00	46.07 2.85 0.00	42.40 2.40 0.00	41.58 2.24 0.00
EAST_PULASKI___ESR 323781	38.93 -0.63 0.00	37.04 -0.60 0.00	36.05 -0.66 0.00	35.16 -0.57 0.00	33.47 -0.55 0.00	34.28 -0.56 0.00	36.93 -0.56 0.00	39.18 -0.52 0.00	37.54 -0.53 0.00	36.79 -0.52 0.00	35.85 -0.43 0.00	35.42 -0.50 0.00	37.56 -0.61 0.00	37.98 -0.70 0.00	39.94 -0.69 0.00	44.10 -0.76 0.00	51.14 -0.83 0.00	60.83 -0.61 0.00	57.71 -0.58 0.00	51.29 -0.52 0.00	46.06 -0.56 0.00	42.65 -0.56 0.00	39.48 -0.52 0.00	38.75 -0.59 0.00
EAST_RIVER___1 323558	42.10 2.53 0.00	39.91 2.26 -0.01	38.87 2.17 0.00	37.73 2.00 0.00	35.95 1.94 0.00	36.93 2.09 0.00	39.62 2.14 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.85 2.54 0.00	38.76 2.47 0.00	38.54 2.62 0.00	41.07 2.90 0.00	41.77 3.10 0.00	43.84 3.21 0.00	48.27 3.41 0.00	56.04 4.06 0.00	65.75 4.30 0.00	62.31 4.02 0.00	55.65 3.83 0.00	50.07 3.45 0.00	46.59 3.37 0.00	42.88 2.88 0.00	41.97 2.64 0.00
EAST_RIVER___2 323559	42.17 2.61 0.00	39.95 2.30 -0.01	38.91 2.20 0.00	37.76 2.04 0.00	35.99 1.97 0.00	36.93 2.09 0.00	39.70 2.21 0.00	41.96 2.26 0.00	40.43 2.36 0.00	39.88 2.57 0.00	38.79 2.50 0.00	38.58 2.66 0.00	41.15 2.98 0.00	41.85 3.17 0.00	43.93 3.29 0.00	48.31 3.45 0.00	56.08 4.11 0.00	65.81 4.36 0.00	62.31 4.02 0.00	55.59 3.78 0.00	50.02 3.40 0.00	46.50 3.28 0.00	42.80 2.80 0.00	41.89 2.56 0.00
EAST___DELAWARE_HYD 23607	41.70 2.13 0.00	39.49 1.84 0.00	38.58 1.87 0.00	37.51 1.79 0.00	35.68 1.67 0.00	36.62 1.78 0.00	39.36 1.87 0.00	41.52 1.83 0.00	40.05 1.98 0.00	39.25 1.94 0.00	38.17 1.89 0.00	37.86 1.94 0.00	40.39 2.21 0.00	41.04 2.36 0.00	43.11 2.48 0.00	47.55 2.69 0.00	55.41 3.43 0.00	65.44 3.99 0.00	62.03 3.73 0.00	55.28 3.47 0.00	49.64 3.03 0.00	46.20 2.98 0.00	42.52 2.52 0.00	41.65 2.32 0.00
EIGHT_POINT___WT_PWR 323820	34.81 -4.71 0.04	33.05 -4.56 0.04	32.23 -4.44 0.04	31.49 -4.22 0.02	30.34 -3.67 0.00	30.80 -4.04 0.00	33.55 -3.94 0.00	35.64 -4.05 0.00	33.81 -4.26 0.00	32.85 -4.44 0.02	31.86 -4.39 0.04	31.35 -4.53 0.04	33.44 -4.70 0.04	33.97 -4.68 0.03	35.60 -5.00 0.04	39.44 -5.38 0.04	45.81 -6.13 0.04	55.30 -6.14 0.00	52.64 -5.65 0.00	46.40 -5.39 0.02	41.72 -4.89 0.00	38.51 -4.67 0.04	36.12 -3.88 0.00	35.44 -3.89 0.00
ELBRIDGE_115KV_TB2 80188	39.01 -0.55 0.00	37.12 -0.53 0.00	36.20 -0.51 0.00	35.30 -0.43 0.00	33.67 -0.34 0.00	34.46 -0.38 0.00	37.11 -0.37 0.00	39.38 -0.32 0.00	37.80 -0.27 0.00	37.05 -0.26 0.00	36.07 -0.22 0.00	35.63 -0.29 0.00	37.83 -0.34 0.00	38.33 -0.35 0.00	40.27 -0.37 0.00	44.41 -0.45 0.00	51.46 -0.52 0.00	61.14 -0.31 0.00	57.94 -0.35 0.00	51.40 -0.41 0.00	46.20 -0.42 0.00	42.74 -0.48 0.00	39.60 -0.40 0.00	38.90 -0.43 0.00
ELEC_TRO_TEK 24086	42.29 2.73 0.00	40.20 2.56 0.00	38.80 2.09 0.00	37.69 1.97 0.00	35.99 1.97 0.00	36.90 2.06 0.00	39.74 2.25 0.00	41.96 2.26 0.00	40.47 2.40 0.00	40.07 2.76 0.00	39.26 2.98 0.00	39.01 3.09 0.00	41.57 3.40 0.00	42.24 3.56 0.00	44.41 3.78 0.00	48.91 4.04 -0.02	56.67 4.68 -0.02	66.56 5.10 -0.02	63.03 4.72 -0.02	56.28 4.46 -0.02	52.93 4.01 -2.31	50.71 3.89 -3.60	43.60 3.60 0.00	42.60 3.26 0.00
ELLENBURG_WT_PWR 323604	39.33 -0.24 0.00	37.38 -0.26 0.00	36.30 -0.40 0.00	35.12 -0.61 0.00	33.27 -0.75 0.00	33.94 -0.91 0.00	36.59 -0.90 0.00	38.74 -0.95 0.00	37.08 -0.99 0.00	36.11 -1.20 0.00	35.05 -1.23 0.00	34.63 -1.29 0.00	36.72 -1.45 0.00	37.17 -1.51 0.00	39.01 -1.63 0.00	43.06 -1.80 0.00	50.06 -1.92 0.00	58.99 -2.46 0.00	56.14 -2.16 0.00	49.95 -1.86 0.00	45.03 -1.59 0.00	41.70 -1.51 0.00	38.56 -1.44 0.00	37.96 -1.38 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	35.47 -4.07 0.02	33.83 -3.80 0.02	33.10 -3.60 0.02	32.40 -3.32 0.01	31.12 -2.89 0.00	31.67 -3.17 0.00	34.41 -3.07 0.00	36.56 -3.14 0.00	34.57 -3.50 0.00	33.83 -3.47 0.01	32.68 -3.59 0.02	32.28 -3.63 0.02	34.53 -3.63 0.02	35.11 -3.56 0.01	36.56 -4.06 0.02	40.40 -4.44 0.02	46.19 -5.77 0.02	56.10 -5.35 0.00	53.40 -4.90 0.00	46.78 -5.03 0.01	42.09 -4.52 0.00	38.97 -4.24 0.02	36.52 -3.48 0.00	36.35 -2.99 0.00
EMPIRE_CC_1 323656	41.03 1.46 0.00	39.11 1.47 0.00	38.18 1.47 0.00	37.16 1.43 0.00	35.34 1.33 0.00	36.24 1.40 0.00	38.95 1.46 0.00	41.20 1.51 0.00	39.44 1.37 0.00	38.69 1.38 0.00	37.63 1.34 0.00	37.32 1.40 0.00	39.70 1.53 0.00	40.30 1.62 0.00	42.34 1.71 0.00	46.74 1.88 0.00	53.80 1.82 0.00	62.86 1.41 0.00	59.64 1.34 0.00	53.05 1.24 0.00	47.73 1.12 0.00	44.38 1.17 0.00	41.00 1.00 0.00	40.99 1.65 0.00
EMPIRE_CC_2 323658	41.03 1.46 0.00	39.11 1.47 0.00	38.18 1.47 0.00	37.16 1.43 0.00	35.34 1.33 0.00	36.24 1.40 0.00	38.95 1.46 0.00	41.20 1.51 0.00	39.44 1.37 0.00	38.69 1.38 0.00	37.63 1.34 0.00	37.32 1.40 0.00	39.70 1.53 0.00	40.30 1.62 0.00	42.34 1.71 0.00	46.74 1.88 0.00	53.80 1.82 0.00	62.86 1.41 0.00	59.64 1.34 0.00	53.05 1.24 0.00	47.73 1.12 0.00	44.38 1.17 0.00	41.00 1.00 0.00	40.99 1.65 0.00
ENORWICH_115KV_TB1 80156	41.04 1.46 -0.02	38.75 1.09 -0.02	37.72 0.99 -0.02	36.74 1.00 -0.01	34.90 0.88 0.00	35.78 0.94 0.00	38.69 1.20 0.00	41.20 1.51 0.00	39.59 1.52 0.00	38.55 1.23 -0.01	37.54 1.23 -0.02	37.12 1.19 -0.02	39.38 1.18 -0.02	39.70 1.01 -0.01	41.91 1.26 -0.02	46.45 1.57 -0.02	54.44 2.44 -0.02	65.38 3.93 0.00	61.91 3.61 0.00	55.03 3.21 -0.01	49.18 2.56 0.00	45.18 1.94 -0.02	41.64 1.64 0.00	40.87 1.53 0.00
ERIE_ST__34_KV_TB1-2 80199	35.94 -3.60 0.02	34.31 -3.31 0.02	33.28 -3.41 0.02	32.54 -3.18 0.01	31.26 -2.76 0.00	31.81 -3.03 0.00	34.60 -2.89 0.00	36.76 -2.94 0.00	34.76 -3.31 0.00	34.05 -3.25 0.01	33.11 -3.16 0.02	32.92 -2.98 0.02	34.91 -3.24 0.02	35.34 -3.33 0.01	37.29 -3.33 0.02	41.34 -3.50 0.02	47.39 -4.57 0.02	56.66 -4.79 0.00	53.86 -4.43 0.00	47.30 -4.51 0.01	42.51 -4.10 0.00	39.44 -3.76 0.02	36.84 -3.16 0.00	36.62 -2.71 0.00
ERIE_WT_PWR 323693	35.43 -4.12 0.02	33.79 -3.84 0.02	32.99 -3.71 0.02	32.29 -3.43 0.01	31.09 -2.93 0.00	31.67 -3.17 0.00	34.45 -3.04 0.00	36.60 -3.10 0.00	34.64 -3.43 0.00	33.87 -3.43 0.01	32.75 -3.52 0.02	32.38 -3.52 0.02	34.57 -3.59 0.02	34.99 -3.68 0.01	36.64 -3.98 0.02	40.45 -4.39 0.02	46.30 -5.66 0.02	56.23 -5.22 0.00	53.52 -4.78 0.00	46.93 -4.87 0.01	42.19 -4.43 0.00	39.14 -4.06 0.02	37.00 -3.00 0.00	36.42 -2.91 0.00
ESPRGFLD_115KV_TB1 80157	40.63 1.07 0.00	38.51 0.87 0.00	37.59 0.88 0.00	36.59 0.86 0.00	34.76 0.75 0.00	35.71 0.87 0.00	38.35 0.86 0.00	40.65 0.95 0.00	38.91 0.84 0.00	37.91 0.60 0.00	36.83 0.54 0.00	36.53 0.61 0.00	38.82 0.65 0.00	39.33 0.66 0.00	41.53 0.89 0.00	46.11 1.26 0.00	54.01 2.03 0.00	64.21 2.77 0.00	60.86 2.56 0.00	54.04 2.23 0.00	48.43 1.82 0.00	44.95 1.73 0.00	41.40 1.40 0.00	40.59 1.26 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	39.80 0.20 -0.04	37.87 0.19 -0.04	36.86 0.11 -0.04	35.93 0.18 -0.02	34.25 0.24 0.00	35.05 0.21 0.00	37.86 0.37 0.00	40.17 0.48 0.00	38.53 0.46 0.00	37.67 0.34 -0.02	36.69 0.36 -0.04	36.21 0.25 -0.04	38.52 0.31 -0.04	38.98 0.27 -0.03	41.04 0.37 -0.04	45.35 0.45 -0.04	52.75 0.73 -0.04	62.74 1.29 0.00	59.52 1.22 0.00	52.82 0.98 -0.02	47.41 0.79 0.00	43.86 0.61 -0.04	40.52 0.52 0.00	39.77 0.43 0.00
ETNA____115KV_TB2 80207	39.80 0.20 -0.04	37.87 0.19 -0.04	36.86 0.11 -0.04	35.93 0.18 -0.02	34.25 0.24 0.00	35.05 0.21 0.00	37.86 0.37 0.00	40.17 0.48 0.00	38.53 0.46 0.00	37.67 0.34 -0.02	36.69 0.36 -0.04	36.21 0.25 -0.04	38.52 0.31 -0.04	38.98 0.27 -0.03	41.04 0.37 -0.04	45.35 0.45 -0.04	52.75 0.73 -0.04	62.74 1.29 0.00	59.52 1.22 0.00	52.82 0.98 -0.02	47.41 0.79 0.00	43.86 0.61 -0.04	40.52 0.52 0.00	39.77 0.43 0.00
EUCLID____115KV_TB2 356179	38.81 -0.75 0.00	36.93 -0.72 0.00	36.05 -0.66 0.00	35.12 -0.61 0.00	33.50 -0.51 0.00	34.32 -0.52 0.00	36.93 -0.56 0.00	39.18 -0.52 0.00	37.57 -0.49 0.00	36.82 -0.49 0.00	35.85 -0.44 0.00	35.42 -0.50 0.00	37.64 -0.53 0.00	38.10 -0.58 0.00	40.03 -0.61 0.00	44.14 -0.72 0.00	51.09 -0.88 0.00	60.71 -0.74 0.00	57.54 -0.76 0.00	51.04 -0.78 0.00	45.87 -0.75 0.00	42.48 -0.73 0.00	39.36 -0.64 0.00	38.67 -0.67 0.00
E_CANADA_CAP_HY 24051	40.86 1.30 0.00	38.77 1.13 0.00	37.85 1.14 0.00	36.84 1.11 0.00	35.00 0.99 0.00	35.96 1.11 0.00	38.50 1.01 0.00	40.72 1.03 0.00	38.79 0.72 0.00	37.61 0.30 0.00	36.43 0.15 0.00	36.14 0.22 0.00	38.44 0.27 0.00	39.06 0.39 0.00	41.33 0.69 0.00	46.07 1.21 0.00	54.16 2.18 0.00	64.40 2.95 0.00	61.09 2.80 0.00	54.20 2.38 0.00	48.66 2.05 0.00	45.29 2.07 0.00	41.68 1.68 0.00	40.91 1.58 0.00
E_CANADA_MHWK_HY 24050	40.75 1.19 0.00	38.47 0.83 0.00	37.37 0.66 0.00	36.33 0.61 0.00	34.52 0.51 0.00	35.40 0.56 0.00	38.01 0.52 0.00	40.29 0.60 0.00	38.64 0.57 0.00	37.87 0.56 0.00	36.87 0.58 0.00	36.60 0.68 0.00	38.90 0.72 0.00	39.33 0.66 0.00	41.37 0.73 0.00	45.57 0.72 0.00	52.91 0.94 0.00	62.61 1.16 0.00	59.40 1.10 0.00	52.85 1.04 0.00	47.50 0.88 0.00	44.17 0.95 0.00	40.88 0.88 0.00	40.24 0.91 0.00
E_FISHKILL__LBMP 23776	41.38 1.82 0.00	39.34 1.69 0.00	38.32 1.62 0.00	37.23 1.50 0.00	35.54 1.53 0.00	36.48 1.64 0.00	39.14 1.65 0.00	41.36 1.67 0.00	39.78 1.71 0.00	39.17 1.87 0.00	38.10 1.81 0.00	37.86 1.94 0.00	40.35 2.18 0.00	40.96 2.28 0.00	43.07 2.44 0.00	47.51 2.65 0.00	55.15 3.17 0.00	64.83 3.38 0.00	61.44 3.15 0.00	54.82 3.01 0.00	49.32 2.70 0.00	45.85 2.64 0.00	42.28 2.28 0.00	41.38 2.05 0.00
FALCON____SEABRD_CC1 323796	39.52 -0.04 0.00	37.57 -0.08 0.00	36.45 -0.26 0.00	35.26 -0.47 0.00	33.40 -0.61 0.00	34.04 -0.80 0.00	36.74 -0.75 0.00	38.90 -0.79 0.00	37.19 -0.87 0.00	36.23 -1.08 0.00	35.16 -1.13 0.00	34.73 -1.18 0.00	36.84 -1.34 0.00	37.25 -1.43 0.00	39.13 -1.50 0.00	43.25 -1.61 0.00	50.26 -1.71 0.00	59.24 -2.21 0.00	56.37 -1.92 0.00	50.15 -1.66 0.00	45.22 -1.40 0.00	41.83 -1.38 0.00	38.68 -1.32 0.00	38.07 -1.26 0.00
FALCON____SEABRD_CC2 323797	39.52 -0.04 0.00	37.57 -0.08 0.00	36.45 -0.26 0.00	35.26 -0.47 0.00	33.40 -0.61 0.00	34.04 -0.80 0.00	36.74 -0.75 0.00	38.90 -0.79 0.00	37.19 -0.87 0.00	36.23 -1.08 0.00	35.16 -1.13 0.00	34.73 -1.18 0.00	36.84 -1.34 0.00	37.25 -1.43 0.00	39.13 -1.50 0.00	43.25 -1.61 0.00	50.26 -1.71 0.00	59.24 -2.21 0.00	56.37 -1.92 0.00	50.15 -1.66 0.00	45.22 -1.40 0.00	41.83 -1.38 0.00	38.68 -1.32 0.00	38.07 -1.26 0.00

FAR ROCKAWAY___4 23548	42.81 3.24 0.00	40.69 3.05 0.00	39.20 2.50 0.00	38.05 2.32 0.00	36.33 2.31 0.00	37.25 2.40 0.00	40.15 2.66 0.00	42.39 2.70 0.00	40.85 2.78 0.00	40.48 3.17 0.00	39.74 3.45 0.00	39.47 3.56 0.00	42.07 3.89 0.00	42.78 4.10 0.00	44.98 4.35 0.00	49.58 4.71 -0.01	57.50 5.51 -0.01	67.55 6.08 -0.01	64.02 5.71 -0.01	57.11 5.28 -0.01	53.68 4.75 -2.31	51.47 4.54 -3.72	44.16 4.16 0.00	43.15 3.82 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	41.97 2.41 0.00	39.94 2.30 0.00	38.76 2.06 0.00	37.59 1.86 0.00	35.95 1.94 0.00	36.90 2.06 0.00	39.62 2.14 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.85 2.54 0.00	38.76 2.47 0.00	38.50 2.59 0.00	41.08 2.90 0.00	41.69 3.02 0.00	43.85 3.21 0.00	48.31 3.45 0.00	56.08 4.11 0.00	65.81 4.36 0.00	62.32 4.02 0.00	55.70 3.89 0.00	50.11 3.50 0.00	46.63 3.41 0.00	43.00 3.00 0.00	42.01 2.67 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	41.97 2.41 0.00	39.94 2.30 0.00	38.76 2.06 0.00	37.59 1.86 0.00	35.95 1.94 0.00	36.90 2.06 0.00	39.62 2.14 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.85 2.54 0.00	38.76 2.47 0.00	38.54 2.62 0.00	41.08 2.90 0.00	41.69 3.02 0.00	43.89 3.25 0.00	48.31 3.45 0.00	56.08 4.11 0.00	65.81 4.36 0.00	62.37 4.08 0.00	55.70 3.89 0.00	50.11 3.50 0.00	46.63 3.41 0.00	43.00 3.00 0.00	42.01 2.67 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	41.97 2.41 0.00	39.98 2.33 0.00	38.76 2.06 0.00	37.55 1.82 0.00	35.92 1.90 0.00	36.90 2.06 0.00	39.62 2.14 0.00	41.88 2.18 0.00	40.35 2.28 0.00	39.81 2.50 0.00	38.76 2.47 0.00	38.50 2.59 0.00	41.04 2.86 0.00	41.69 3.02 0.00	43.85 3.21 0.00	48.27 3.41 0.00	56.03 4.05 0.00	65.75 4.30 0.00	62.32 4.02 0.00	55.65 3.83 0.00	50.07 3.45 0.00	46.59 3.37 0.00	42.96 2.96 0.00	41.97 2.64 0.00
FARRAGUT___LBMP 323566	41.94 2.37 0.00	39.90 2.26 0.00	38.73 2.02 0.00	37.55 1.82 0.00	35.92 1.90 0.00	36.86 2.02 0.00	39.59 2.10 0.00	41.88 2.18 0.00	40.31 2.25 0.00	39.81 2.50 0.00	38.72 2.43 0.00	38.47 2.55 0.00	41.04 2.86 0.00	41.66 2.98 0.00	43.80 3.17 0.00	48.22 3.36 0.00	56.03 4.05 0.00	65.69 4.24 0.00	62.26 3.96 0.00	55.59 3.78 0.00	50.07 3.45 0.00	46.59 3.37 0.00	42.96 2.96 0.00	41.97 2.64 0.00
FENNER___WINDPWR 24204	40.05 0.48 -0.01	38.07 0.41 -0.01	37.12 0.40 -0.01	36.16 0.43 0.00	34.42 0.41 0.00	35.29 0.45 0.00	38.05 0.56 0.00	40.33 0.63 0.00	38.72 0.65 0.00	37.87 0.56 0.00	36.87 0.58 -0.01	36.47 0.54 -0.01	38.76 0.57 -0.01	39.22 0.54 -0.01	41.25 0.61 -0.01	45.58 0.72 -0.01	52.97 0.99 -0.01	62.86 1.41 0.00	59.58 1.28 0.00	52.95 1.14 0.00	47.50 0.88 0.00	44.00 0.78 -0.01	40.72 0.72 0.00	39.96 0.63 0.00
FIBERTEK___ENERGY 23856	39.21 -0.36 0.00	37.34 -0.30 0.00	36.38 -0.33 0.00	35.48 -0.25 0.00	33.84 -0.17 0.00	34.63 -0.21 0.00	37.34 -0.15 0.00	39.58 -0.12 0.00	38.03 -0.04 0.00	37.27 -0.04 0.00	36.32 0.04 0.00	35.88 -0.04 0.00	38.14 -0.04 0.00	38.60 -0.08 0.00	40.55 -0.08 0.00	44.72 -0.13 0.00	51.82 -0.16 0.00	61.51 0.06 0.00	58.29 0.00 0.00	51.71 -0.10 0.00	46.48 -0.14 0.00	43.00 -0.22 0.00	39.84 -0.16 0.00	39.10 -0.24 0.00
FITZPATRICK___ 23598	38.38 -1.19 0.00	36.59 -1.05 0.00	35.64 -1.07 0.00	34.73 -1.00 0.00	33.13 -0.88 0.00	33.94 -0.91 0.00	36.55 -0.94 0.00	38.70 -0.99 0.00	37.15 -0.91 0.00	36.38 -0.93 0.00	35.42 -0.87 0.00	34.98 -0.93 0.00	37.11 -1.07 0.00	37.55 -1.12 0.00	39.46 -1.18 0.00	43.56 -1.30 0.00	50.37 -1.61 0.00	59.73 -1.72 0.00	56.66 -1.63 0.00	50.31 -1.50 0.00	45.22 -1.40 0.00	41.88 -1.34 0.00	38.84 -1.16 0.00	38.16 -1.18 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	41.66 2.10 0.00	39.56 1.92 0.00	38.58 1.87 0.00	37.44 1.71 0.00	35.75 1.73 0.00	36.69 1.85 0.00	39.40 1.91 0.00	41.56 1.87 0.00	40.05 1.98 0.00	39.32 2.01 0.00	38.25 1.96 0.00	37.97 2.05 0.00	40.50 2.33 0.00	41.15 2.48 0.00	43.28 2.64 0.00	47.77 2.92 0.00	55.51 3.53 0.00	65.38 3.93 0.00	61.97 3.67 0.00	55.23 3.42 0.00	49.65 3.03 0.00	46.20 2.98 0.00	42.60 2.60 0.00	41.69 2.36 0.00
FORT ORANGE___ 23900	40.63 1.07 0.00	38.85 1.20 0.00	37.96 1.25 0.00	36.91 1.18 0.00	35.10 1.09 0.00	35.99 1.15 0.00	38.65 1.16 0.00	40.88 1.19 0.00	38.98 0.91 0.00	38.17 0.86 0.00	37.12 0.84 0.00	36.78 0.86 0.00	39.17 0.99 0.00	39.76 1.08 0.00	41.81 1.18 0.00	46.20 1.34 0.00	53.38 1.40 0.00	62.80 1.35 0.00	59.58 1.28 0.00	52.95 1.14 0.00	47.64 1.02 0.00	44.38 1.17 0.00	41.08 1.08 0.00	40.59 1.26 0.00
FORT_DRUM_COGEN 23780	39.60 0.04 0.00	37.49 -0.15 0.00	36.52 -0.18 0.00	35.62 -0.11 0.00	33.71 -0.31 0.00	34.60 -0.24 0.00	37.26 -0.22 0.00	39.58 -0.12 0.00	37.88 -0.19 0.00	36.79 -0.52 0.00	35.93 -0.36 0.00	35.45 -0.47 0.00	37.60 -0.57 0.00	37.98 -0.70 0.00	40.03 -0.61 0.00	44.32 -0.54 0.00	51.82 -0.16 0.00	61.88 0.43 0.00	58.88 0.58 0.00	52.49 0.67 0.00	47.04 0.42 0.00	43.52 0.30 0.00	40.20 0.20 0.00	39.41 0.08 0.00
FOX_HILLS___ESR 323835	42.42 2.85 -0.01	40.20 2.56 0.00	39.09 2.39 0.00	37.80 2.07 0.00	36.22 2.21 0.00	37.07 2.23 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.19 3.02 0.00	41.89 3.21 0.00	44.01 3.37 0.00	48.45 3.59 0.00	56.08 4.11 0.00	65.50 4.06 0.00	62.03 3.73 0.00	55.75 3.94 0.00	50.39 3.78 0.00	46.94 3.72 -0.01	43.33 3.32 -0.01	42.33 2.99 -0.01
FPL_FAR_ROCK_GT1 24212	42.84 3.28 0.00	40.69 3.05 0.00	39.31 2.61 0.00	38.19 2.46 0.00	36.33 2.31 0.00	37.28 2.44 0.00	40.15 2.66 0.00	42.35 2.66 0.00	40.85 2.78 0.00	40.48 3.17 0.00	39.74 3.45 0.00	39.48 3.56 0.00	42.07 3.90 0.00	42.83 4.14 -0.01	44.99 4.35 -0.01	49.54 4.67 -0.01	57.45 5.46 -0.01	67.55 6.08 -0.01	64.02 5.72 -0.01	57.11 5.29 -0.01	53.68 4.76 -2.31	51.47 4.54 -3.72	44.09 4.08 -0.01	43.15 3.81 0.00
FPL_FAR_ROCK_GT2 23815	42.84 3.28 0.00	40.69 3.05 0.00	39.31 2.61 0.00	38.19 2.46 0.00	36.33 2.31 0.00	37.28 2.44 0.00	40.15 2.66 0.00	42.35 2.66 0.00	40.85 2.78 0.00	40.48 3.17 0.00	39.74 3.45 0.00	39.48 3.56 0.00	42.07 3.90 0.00	42.83 4.14 -0.01	44.99 4.35 -0.01	49.54 4.67 -0.01	57.45 5.46 -0.01	67.55 6.08 -0.01	64.02 5.72 -0.01	57.11 5.29 -0.01	53.68 4.76 -2.31	51.47 4.54 -3.72	44.09 4.08 -0.01	43.15 3.81 0.00
FRANKLIN_FALL_HYD 24054	39.68 0.12 0.00	37.72 0.08 0.00	36.63 -0.07 0.00	35.51 -0.21 0.00	33.64 -0.37 0.00	34.28 -0.56 0.00	37.08 -0.41 0.00	39.26 -0.44 0.00	37.57 -0.49 0.00	36.52 -0.78 0.00	35.49 -0.80 0.00	35.09 -0.83 0.00	37.22 -0.95 0.00	37.63 -1.04 0.00	39.50 -1.14 0.00	43.60 -1.26 0.00	50.73 -1.25 0.00	59.73 -1.72 0.00	56.95 -1.34 0.00	50.72 -1.09 0.00	45.78 -0.84 0.00	42.35 -0.86 0.00	39.12 -0.88 0.00	38.47 -0.87 0.00

FREEPORT_EQUS_GT1 23764	42.65 3.09 0.00	40.54 2.90 0.00	39.13 2.42 0.00	38.05 2.32 0.00	36.16 2.14 0.00	37.11 2.26 0.00	39.96 2.47 0.00	42.20 2.50 0.00	40.69 2.62 0.00	40.33 3.02 0.00	39.59 3.30 0.00	39.33 3.41 0.00	41.92 3.74 0.00	42.71 4.02 -0.01	44.83 4.19 -0.01	49.31 4.44 -0.01	57.19 5.20 -0.01	67.18 5.72 -0.01	63.67 5.36 -0.01	56.85 5.02 -0.01	53.50 4.57 -2.31	51.22 4.41 -3.59	43.93 3.92 -0.01	42.99 3.66 0.00
FREEPORT___CT2 23818	42.65 3.09 0.00	40.54 2.90 0.00	39.13 2.42 0.00	38.05 2.32 0.00	36.16 2.14 0.00	37.11 2.26 0.00	39.96 2.47 0.00	42.20 2.50 0.00	40.69 2.62 0.00	40.33 3.02 0.00	39.59 3.30 0.00	39.33 3.41 0.00	41.92 3.74 0.00	42.71 4.02 -0.01	44.83 4.19 -0.01	49.31 4.44 -0.01	57.19 5.20 -0.01	67.18 5.72 -0.01	63.67 5.36 -0.01	56.85 5.02 -0.01	53.50 4.57 -2.31	51.22 4.41 -3.59	43.93 3.92 -0.01	42.99 3.66 0.00
FRESHKLS_33_KV_LOAD 356253	42.54 2.97 -0.01	40.32 2.67 0.00	39.20 2.50 0.00	37.87 2.14 0.00	36.33 2.31 0.00	37.18 2.33 0.00	39.81 2.32 0.00	42.04 2.34 0.00	40.39 2.32 0.00	39.96 2.65 0.00	38.86 2.58 0.00	38.68 2.77 0.00	41.27 3.09 0.00	41.96 3.29 0.00	44.13 3.49 0.00	48.54 3.68 0.00	56.14 4.16 0.00	65.50 4.06 0.00	62.03 3.73 0.00	55.85 4.04 0.00	50.53 3.92 0.00	47.07 3.85 -0.01	43.49 3.48 -0.01	42.49 3.15 -0.01
FULTON COGEN____ 23766	38.69 -0.87 0.00	36.81 -0.83 0.00	35.90 -0.81 0.00	35.01 -0.71 0.00	33.40 -0.61 0.00	34.18 -0.66 0.00	36.81 -0.67 0.00	39.02 -0.67 0.00	37.46 -0.61 0.00	36.71 -0.60 0.00	35.78 -0.51 0.00	35.34 -0.57 0.00	37.53 -0.65 0.00	37.98 -0.70 0.00	39.86 -0.77 0.00	44.01 -0.85 0.00	50.94 -1.04 0.00	60.47 -0.98 0.00	57.36 -0.93 0.00	50.88 -0.93 0.00	45.73 -0.89 0.00	42.31 -0.91 0.00	39.20 -0.80 0.00	38.51 -0.83 0.00
FULTON___LFGE 323630	41.34 1.78 0.00	39.26 1.62 0.00	38.32 1.61 0.00	37.30 1.57 0.00	35.44 1.43 0.00	36.41 1.57 0.00	39.06 1.57 0.00	41.32 1.63 0.00	39.32 1.25 0.00	38.09 0.78 0.00	36.87 0.58 0.00	36.53 0.61 0.00	38.86 0.69 0.00	39.49 0.81 0.00	41.81 1.18 0.00	46.74 1.88 0.00	54.89 2.91 0.00	65.20 3.75 0.00	61.85 3.56 0.00	54.87 3.06 0.00	49.27 2.66 0.00	45.77 2.55 0.00	42.16 2.16 0.00	41.42 2.08 0.00
G.F.CEMENT___DRP 24184	42.13 2.57 0.00	40.09 2.45 0.00	39.09 2.39 0.00	38.01 2.29 0.00	36.19 2.18 0.00	37.18 2.33 0.00	39.92 2.44 0.00	42.27 2.58 0.00	40.51 2.44 0.00	39.58 2.28 0.00	38.54 2.25 0.00	38.18 2.26 0.00	40.58 2.41 0.00	41.15 2.48 0.00	43.32 2.68 0.00	48.09 3.23 0.00	55.88 3.90 0.00	66.06 4.61 0.00	62.61 4.31 0.00	55.49 3.68 0.00	50.02 3.40 0.00	46.41 3.20 0.00	42.84 2.84 0.00	42.21 2.87 0.00
GARDENVILLE___LBMP 24039	35.39 -4.15 0.02	33.75 -3.88 0.02	32.95 -3.74 0.02	32.25 -3.47 0.01	30.99 -3.03 0.00	31.53 -3.31 0.00	34.30 -3.19 0.00	36.44 -3.25 0.00	34.41 -3.65 0.00	33.64 -3.66 0.01	32.53 -3.74 0.02	32.20 -3.70 0.02	34.38 -3.78 0.02	34.91 -3.75 0.02	36.43 -4.19 0.02	40.31 -4.53 0.02	46.19 -5.77 0.02	55.92 -5.53 0.00	53.16 -5.13 0.00	46.62 -5.18 0.01	41.95 -4.66 0.00	38.83 -4.36 0.02	36.40 -3.60 0.00	36.23 -3.11 0.00
GARDNVLA_35_KV_LD 355827	35.67 -3.88 0.02	34.05 -3.58 0.02	33.24 -3.45 0.02	32.54 -3.18 0.01	31.22 -2.79 0.00	31.78 -3.07 0.00	34.56 -2.92 0.00	36.72 -2.98 0.00	34.72 -3.35 0.00	34.02 -3.28 0.01	32.90 -3.37 0.02	32.56 -3.34 0.02	34.76 -3.40 0.02	35.26 -3.40 0.01	36.84 -3.78 0.02	40.81 -4.04 0.02	46.71 -5.25 0.02	56.53 -4.92 0.00	53.75 -4.55 0.00	47.14 -4.66 0.01	42.42 -4.20 0.00	39.27 -3.93 0.02	36.76 -3.24 0.00	36.54 -2.79 0.00
GELCKHM___115KV_LOAD 80723	38.97 -0.59 0.00	37.08 -0.56 0.00	36.16 -0.55 0.00	35.26 -0.46 0.00	33.64 -0.37 0.00	34.42 -0.42 0.00	37.08 -0.41 0.00	39.34 -0.36 0.00	37.76 -0.30 0.00	37.01 -0.30 0.00	36.03 -0.25 0.00	35.60 -0.32 0.00	37.83 -0.34 0.00	38.29 -0.39 0.00	40.23 -0.41 0.00	44.37 -0.49 0.00	51.35 -0.62 0.00	61.02 -0.43 0.00	57.83 -0.47 0.00	51.29 -0.52 0.00	46.10 -0.51 0.00	42.65 -0.56 0.00	39.52 -0.48 0.00	38.82 -0.51 0.00
GENERAL___MILLS 23808	35.59 -3.96 0.02	33.98 -3.65 0.02	33.13 -3.56 0.02	32.43 -3.29 0.01	31.16 -2.86 0.00	31.71 -3.14 0.00	34.49 -3.00 0.00	36.64 -3.06 0.00	34.64 -3.43 0.00	33.90 -3.40 0.01	32.79 -3.48 0.02	32.45 -3.45 0.02	34.65 -3.51 0.02	35.14 -3.52 0.01	36.72 -3.90 0.02	40.63 -4.22 0.02	46.56 -5.41 0.02	56.29 -5.16 0.00	53.57 -4.72 0.00	46.93 -4.87 0.01	42.23 -4.38 0.00	39.09 -4.11 0.02	36.64 -3.36 0.00	36.46 -2.87 0.00
GE_PLASTICS___DRP 24183	40.47 0.91 0.00	38.62 0.98 0.00	37.70 0.99 0.00	36.69 0.96 0.00	34.90 0.88 0.00	35.82 0.98 0.00	38.46 0.97 0.00	40.69 0.99 0.00	38.91 0.84 0.00	38.13 0.82 0.00	37.12 0.83 0.00	36.78 0.86 0.00	39.13 0.95 0.00	39.72 1.04 0.00	41.73 1.10 0.00	46.07 1.21 0.00	53.28 1.30 0.00	62.68 1.23 0.00	59.40 1.11 0.00	52.85 1.04 0.00	47.55 0.93 0.00	44.25 1.04 0.00	40.96 0.96 0.00	40.40 1.06 0.00
GILBOA___1 23756	40.59 1.03 0.00	38.58 0.94 0.00	37.81 1.10 0.00	36.76 1.04 0.00	34.86 0.85 0.00	35.75 0.90 0.00	38.43 0.94 0.00	40.65 0.95 0.00	39.02 0.95 0.00	38.32 1.01 0.00	37.27 0.98 0.00	36.96 1.04 0.00	39.32 1.14 0.00	39.91 1.24 0.00	41.94 1.30 0.00	46.25 1.39 0.00	53.64 1.66 0.00	63.23 1.78 0.00	59.99 1.69 0.00	53.37 1.55 0.00	48.01 1.40 0.00	44.56 1.34 0.00	41.16 1.16 0.00	40.48 1.14 0.00
GILBOA___2 23757	40.59 1.03 0.00	38.58 0.94 0.00	37.81 1.10 0.00	36.76 1.04 0.00	34.86 0.85 0.00	35.75 0.90 0.00	38.43 0.94 0.00	40.65 0.95 0.00	39.02 0.95 0.00	38.32 1.01 0.00	37.27 0.98 0.00	36.96 1.04 0.00	39.32 1.14 0.00	39.91 1.24 0.00	41.94 1.30 0.00	46.25 1.39 0.00	53.64 1.66 0.00	63.23 1.78 0.00	59.99 1.69 0.00	53.37 1.55 0.00	48.01 1.40 0.00	44.56 1.34 0.00	41.16 1.16 0.00	40.48 1.14 0.00
GILBOA___3 23758	40.59 1.03 0.00	38.58 0.94 0.00	37.81 1.10 0.00	36.76 1.04 0.00	34.86 0.85 0.00	35.75 0.90 0.00	38.43 0.94 0.00	40.65 0.95 0.00	39.02 0.95 0.00	38.32 1.01 0.00	37.27 0.98 0.00	36.96 1.04 0.00	39.32 1.14 0.00	39.91 1.24 0.00	41.94 1.30 0.00	46.25 1.39 0.00	53.64 1.66 0.00	63.23 1.78 0.00	59.99 1.69 0.00	53.37 1.55 0.00	48.01 1.40 0.00	44.56 1.34 0.00	41.16 1.16 0.00	40.48 1.14 0.00
GILBOA___4 23759	40.59 1.03 0.00	38.58 0.94 0.00	37.81 1.10 0.00	36.76 1.04 0.00	34.86 0.85 0.00	35.75 0.90 0.00	38.43 0.94 0.00	40.65 0.95 0.00	39.02 0.95 0.00	38.32 1.01 0.00	37.27 0.98 0.00	36.96 1.04 0.00	39.32 1.14 0.00	39.91 1.24 0.00	41.94 1.30 0.00	46.25 1.39 0.00	53.64 1.66 0.00	63.23 1.78 0.00	59.99 1.69 0.00	53.37 1.55 0.00	48.01 1.40 0.00	44.56 1.34 0.00	41.16 1.16 0.00	40.48 1.14 0.00

GILBOA____ 23599	40.55 0.99 0.00	38.58 0.94 0.00	37.74 1.03 0.00	36.73 1.00 0.00	34.86 0.85 0.00	35.75 0.91 0.00	38.43 0.94 0.00	40.65 0.95 0.00	39.02 0.95 0.00	38.32 1.01 0.00	37.27 0.98 0.00	36.96 1.04 0.00	39.32 1.15 0.00	39.88 1.20 0.00	41.94 1.30 0.00	46.29 1.44 0.00	53.64 1.66 0.00	63.23 1.78 0.00	59.98 1.69 0.00	53.37 1.55 0.00	48.01 1.40 0.00	44.56 1.34 0.00	41.20 1.20 0.00	40.48 1.14 0.00
GINNA____ 23603	35.76 -3.80 0.01	34.21 -3.43 0.01	33.14 -3.56 0.01	32.47 -3.25 0.00	31.23 -2.79 0.00	31.95 -2.89 0.00	34.49 -3.00 0.00	36.68 -3.02 0.00	35.10 -2.97 0.00	34.36 -2.95 0.00	33.31 -2.97 0.01	32.86 -3.05 0.01	35.23 -2.94 0.01	35.58 -3.10 0.00	37.38 -3.25 0.01	41.35 -3.50 0.01	47.55 -4.42 0.01	57.27 -4.18 0.00	54.33 -3.97 0.00	47.82 -3.99 0.00	43.07 -3.54 0.00	39.71 -3.50 0.01	37.12 -2.88 0.00	36.38 -2.95 0.00
GLEN PARK____ 23778	39.72 0.16 0.00	37.61 -0.04 0.00	36.60 -0.11 0.00	35.69 -0.04 0.00	33.81 -0.20 0.00	34.70 -0.14 0.00	37.41 -0.07 0.00	39.73 0.04 0.00	37.96 -0.11 0.00	36.90 -0.41 0.00	36.04 -0.25 0.00	35.56 -0.36 0.00	37.72 -0.46 0.00	38.02 -0.66 0.00	40.11 -0.53 0.00	44.41 -0.45 0.00	52.03 0.05 0.00	62.25 0.80 0.00	59.17 0.88 0.00	52.79 0.98 0.00	47.27 0.65 0.00	43.74 0.52 0.00	40.40 0.40 0.00	39.57 0.24 0.00
GLENDALE_27_KV_LOAD 356172	42.21 2.65 0.00	40.05 2.41 0.00	38.95 2.24 0.00	37.69 1.97 0.00	36.12 2.11 0.00	37.00 2.16 0.00	39.70 2.21 0.00	41.96 2.26 0.00	40.39 2.32 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.19 3.02 0.00	41.85 3.17 0.00	43.97 3.33 0.00	48.36 3.50 0.00	56.14 4.16 0.00	65.75 4.30 0.00	62.32 4.02 0.00	55.80 3.99 0.00	50.25 3.64 0.00	46.76 3.54 0.00	43.16 3.16 0.00	42.13 2.79 0.00
GLENWOOD_IC_1_G5 23712	42.21 2.65 0.00	40.13 2.48 0.00	38.84 2.13 0.00	37.69 1.97 0.00	36.02 2.01 0.00	36.93 2.09 0.00	39.74 2.25 0.00	42.00 2.30 0.00	40.47 2.40 0.00	39.99 2.69 0.00	39.12 2.83 0.00	38.86 2.95 0.00	41.42 3.24 0.00	42.08 3.40 0.00	44.25 3.62 0.00	48.78 3.90 -0.02	56.57 4.57 -0.02	66.44 4.98 -0.02	62.97 4.66 -0.02	56.23 4.40 -0.02	52.89 3.96 -2.31	50.59 3.80 -3.57	43.40 3.40 0.00	42.44 3.11 0.00
GLENWOOD_IC_2_G1 23688	42.10 2.53 0.00	39.94 2.30 0.00	38.80 2.09 0.00	37.69 1.96 0.00	35.88 1.87 0.00	36.83 1.98 0.00	39.59 2.10 0.00	41.84 2.14 0.00	40.28 2.21 0.00	39.81 2.50 0.00	38.83 2.54 0.00	38.58 2.66 0.00	41.15 2.98 0.00	41.86 3.17 -0.01	43.93 3.29 -0.01	48.36 3.50 0.00	56.14 4.16 0.00	66.00 4.55 0.00	62.49 4.20 0.00	55.80 3.99 0.00	52.51 3.59 -2.31	50.21 3.46 -3.53	43.05 3.04 -0.01	42.13 2.79 0.00
GLENWOOD_IC_3_G1 23689	42.10 2.53 0.00	39.94 2.30 0.00	38.80 2.09 0.00	37.69 1.96 0.00	35.88 1.87 0.00	36.83 1.98 0.00	39.59 2.10 0.00	41.84 2.14 0.00	40.28 2.21 0.00	39.81 2.50 0.00	38.83 2.54 0.00	38.58 2.66 0.00	41.15 2.98 0.00	41.86 3.17 -0.01	43.93 3.29 -0.01	48.36 3.50 0.00	56.14 4.16 0.00	66.00 4.55 0.00	62.49 4.20 0.00	55.80 3.99 0.00	52.51 3.59 -2.31	50.21 3.46 -3.53	43.05 3.04 -0.01	42.13 2.79 0.00
GLENWOOD____4 23550	42.21 2.65 0.00	40.13 2.48 0.00	38.84 2.13 0.00	37.69 1.97 0.00	36.02 2.01 0.00	36.93 2.09 0.00	39.74 2.25 0.00	42.00 2.30 0.00	40.47 2.40 0.00	39.99 2.69 0.00	39.12 2.83 0.00	38.86 2.95 0.00	41.42 3.24 0.00	42.08 3.40 0.00	44.25 3.62 0.00	48.78 3.90 -0.02	56.57 4.57 -0.02	66.44 4.98 -0.02	62.97 4.66 -0.02	56.23 4.40 -0.02	52.89 3.96 -2.31	50.59 3.80 -3.57	43.40 3.40 0.00	42.44 3.11 0.00
GLENWOOD____5 23614	42.21 2.65 0.00	40.13 2.48 0.00	38.84 2.13 0.00	37.69 1.97 0.00	36.02 2.01 0.00	36.93 2.09 0.00	39.74 2.25 0.00	42.00 2.30 0.00	40.47 2.40 0.00	39.99 2.69 0.00	39.12 2.83 0.00	38.86 2.95 0.00	41.42 3.24 0.00	42.08 3.40 0.00	44.25 3.62 0.00	48.78 3.90 -0.02	56.57 4.57 -0.02	66.44 4.98 -0.02	62.97 4.66 -0.02	56.23 4.40 -0.02	52.89 3.96 -2.31	50.59 3.80 -3.57	43.40 3.40 0.00	42.44 3.11 0.00
GLOBAL GREEN_PORT_GT1 23814	43.24 3.68 0.00	41.07 3.43 0.00	39.35 2.64 0.00	38.19 2.46 0.00	36.29 2.28 0.00	37.32 2.47 0.00	40.15 2.66 0.00	42.55 2.86 0.00	41.34 3.27 0.00	41.34 4.03 0.00	40.97 4.68 0.00	40.66 4.74 0.00	43.17 5.00 0.00	43.83 5.14 -0.01	46.01 5.36 -0.01	50.92 6.05 -0.01	63.25 7.28 -4.00	69.61 8.11 -0.05	68.13 7.75 -2.09	64.34 6.95 -5.58	54.56 5.64 -2.31	51.62 4.88 -3.52	43.93 3.92 -0.01	43.31 3.97 0.00
GLOBE____DSASP 323697	34.56 -4.98 0.01	32.92 -4.71 0.01	32.40 -4.29 0.01	31.72 -4.00 0.01	30.44 -3.57 0.00	30.97 -3.87 0.00	33.63 -3.86 0.00	35.76 -3.93 0.00	33.81 -4.26 0.00	33.08 -4.22 0.01	31.85 -4.43 0.01	31.38 -4.53 0.01	33.73 -4.43 0.01	34.35 -4.29 0.03	35.54 -5.08 0.01	39.15 -5.70 0.01	44.69 -7.28 0.01	54.50 -6.94 0.00	51.88 -6.41 0.00	45.38 -6.42 0.01	40.88 -5.73 0.00	37.89 -5.32 0.01	35.64 -4.36 0.00	35.48 -3.85 0.00
GOETHSLN____LBMP 323567	41.82 2.25 0.00	39.75 2.11 0.00	38.58 1.87 0.00	37.41 1.68 0.00	35.78 1.77 0.00	36.76 1.92 0.00	39.47 1.99 0.00	41.72 2.02 0.00	40.20 2.13 0.00	39.70 2.39 0.00	38.61 2.32 0.00	38.40 2.48 0.00	40.92 2.75 0.00	41.54 2.86 0.00	43.68 3.05 0.00	48.09 3.23 0.00	55.82 3.85 0.00	65.50 4.06 0.00	62.03 3.73 0.00	55.44 3.63 0.00	49.88 3.26 0.00	46.41 3.20 0.00	42.84 2.84 0.00	41.81 2.48 0.00
GOLAH____69_KV_TB 1_2 80279	37.34 -2.22 0.01	35.49 -2.15 0.01	34.75 -1.95 0.01	34.04 -1.68 0.00	32.55 -1.46 0.00	33.24 -1.60 0.00	35.91 -1.57 0.00	38.15 -1.55 0.00	36.32 -1.75 0.00	35.51 -1.79 0.00	34.28 -2.00 0.01	33.79 -2.12 0.01	36.30 -1.87 0.01	36.81 -1.86 0.01	38.31 -2.32 0.01	42.29 -2.56 0.01	48.64 -3.33 0.01	58.93 -2.52 0.00	56.02 -2.27 0.00	49.22 -2.59 0.00	44.38 -2.24 0.00	40.96 -2.25 0.01	38.24 -1.76 0.00	37.92 -1.42 0.00
GOODYEAR_LAKE_HYD 323669	40.71 1.15 0.00	38.62 0.98 0.00	37.70 0.99 0.00	36.69 0.96 0.00	34.90 0.88 0.00	35.82 0.98 0.00	38.54 1.05 0.00	40.85 1.15 0.00	39.25 1.18 0.00	38.43 1.12 0.00	37.41 1.12 0.00	37.07 1.15 0.00	39.43 1.26 0.00	39.88 1.20 0.00	42.02 1.38 0.00	46.43 1.57 0.00	54.11 2.13 0.00	64.15 2.70 0.00	60.80 2.51 0.00	54.04 2.23 0.00	48.48 1.86 0.00	44.90 1.69 0.00	41.44 1.44 0.00	40.67 1.34 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	39.32 -0.24 0.00	37.41 -0.23 0.00	36.45 -0.26 0.00	35.51 -0.21 0.00	33.91 -0.10 0.00	34.70 -0.14 0.00	37.41 -0.07 0.00	39.69 0.00 0.00	38.03 -0.04 0.00	37.27 -0.04 0.00	36.28 0.00 0.00	35.88 -0.04 0.00	38.17 0.00 0.00	38.64 -0.04 0.00	40.67 0.04 0.00	44.90 0.04 0.00	52.03 0.05 0.00	61.82 0.37 0.00	58.59 0.29 0.00	51.97 0.16 0.00	46.71 0.09 0.00	43.21 0.00 0.00	40.04 0.04 0.00	39.33 0.00 0.00

GOUDEY___7 23579	39.32 -0.24 0.00	37.41 -0.23 0.00	36.45 -0.26 0.00	35.51 -0.21 0.00	33.91 -0.10 0.00	34.70 -0.14 0.00	37.41 -0.07 0.00	39.69 0.00 0.00	38.03 -0.04 0.00	37.27 -0.04 0.00	36.28 0.00 0.00	35.88 -0.04 0.00	38.17 0.00 0.00	38.64 -0.04 0.00	40.67 0.04 0.00	44.90 0.04 0.00	52.03 0.05 0.00	61.82 0.37 0.00	58.59 0.29 0.00	51.97 0.16 0.00	46.71 0.09 0.00	43.21 0.00 0.00	40.04 0.04 0.00	39.33 0.00 0.00
GOUDEY___8 23580	39.32 -0.24 0.00	37.41 -0.23 0.00	36.45 -0.26 0.00	35.51 -0.21 0.00	33.91 -0.10 0.00	34.70 -0.14 0.00	37.41 -0.07 0.00	39.69 0.00 0.00	38.03 -0.04 0.00	37.27 -0.04 0.00	36.28 0.00 0.00	35.88 -0.04 0.00	38.17 0.00 0.00	38.64 -0.04 0.00	40.67 0.04 0.00	44.90 0.04 0.00	52.03 0.05 0.00	61.82 0.37 0.00	58.59 0.29 0.00	51.97 0.16 0.00	46.71 0.09 0.00	43.21 0.00 0.00	40.04 0.04 0.00	39.33 0.00 0.00
GOWANUS_GT1_1 24077	42.34 2.77 -0.01	40.16 2.52 0.00	39.02 2.31 0.00	37.76 2.04 0.00	36.19 2.18 0.00	37.04 2.20 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.05 0.00	41.89 3.21 0.00	44.05 3.41 0.00	48.45 3.59 0.00	56.14 4.16 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.29 3.28 -0.01	42.29 2.95 -0.01
GOWANUS_GT1_2 24078	42.34 2.77 -0.01	40.16 2.52 0.00	39.02 2.31 0.00	37.76 2.04 0.00	36.19 2.18 0.00	37.04 2.20 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.05 0.00	41.89 3.21 0.00	44.05 3.41 0.00	48.45 3.59 0.00	56.14 4.16 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.29 3.28 -0.01	42.29 2.95 -0.01
GOWANUS_GT1_3 24079	42.34 2.77 -0.01	40.16 2.52 0.00	39.02 2.31 0.00	37.76 2.04 0.00	36.19 2.18 0.00	37.04 2.20 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.05 0.00	41.89 3.21 0.00	44.05 3.41 0.00	48.45 3.59 0.00	56.14 4.16 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.29 3.28 -0.01	42.29 2.95 -0.01
GOWANUS_GT1_4 24080	42.34 2.77 -0.01	40.16 2.52 0.00	39.02 2.31 0.00	37.76 2.04 0.00	36.19 2.18 0.00	37.04 2.20 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.05 0.00	41.89 3.21 0.00	44.05 3.41 0.00	48.45 3.59 0.00	56.14 4.16 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.29 3.28 -0.01	42.29 2.95 -0.01
GOWANUS_GT1_5 24084	42.34 2.77 -0.01	40.16 2.52 0.00	39.02 2.31 0.00	37.76 2.04 0.00	36.19 2.18 0.00	37.04 2.20 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.05 0.00	41.89 3.21 0.00	44.05 3.41 0.00	48.45 3.59 0.00	56.14 4.16 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.29 3.28 -0.01	42.29 2.95 -0.01
GOWANUS_GT1_6 24111	42.34 2.77 -0.01	40.16 2.52 0.00	39.02 2.31 0.00	37.76 2.04 0.00	36.19 2.18 0.00	37.04 2.20 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.05 0.00	41.89 3.21 0.00	44.05 3.41 0.00	48.45 3.59 0.00	56.14 4.16 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.29 3.28 -0.01	42.29 2.95 -0.01
GOWANUS_GT1_7 24112	42.34 2.77 -0.01	40.16 2.52 0.00	39.02 2.31 0.00	37.76 2.04 0.00	36.19 2.18 0.00	37.04 2.20 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.05 0.00	41.89 3.21 0.00	44.05 3.41 0.00	48.45 3.59 0.00	56.14 4.16 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.29 3.28 -0.01	42.29 2.95 -0.01
GOWANUS_GT1_8 24113	42.34 2.77 -0.01	40.16 2.52 0.00	39.02 2.31 0.00	37.76 2.04 0.00	36.19 2.18 0.00	37.04 2.20 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.05 0.00	41.89 3.21 0.00	44.05 3.41 0.00	48.45 3.59 0.00	56.14 4.16 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.29 3.28 -0.01	42.29 2.95 -0.01
GOWANUS_GT2_1 24114	42.46 2.89 -0.01	40.17 2.52 -0.01	39.21 2.50 0.00	37.98 2.25 0.00	36.22 2.21 0.00	37.11 2.26 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.06 0.00	41.93 3.25 0.00	44.01 3.37 0.00	48.40 3.54 0.00	56.08 4.11 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.17 3.16 -0.01	42.29 2.95 -0.01
GOWANUS_GT2_2 24115	42.46 2.89 -0.01	40.17 2.52 -0.01	39.21 2.50 0.00	37.98 2.25 0.00	36.22 2.21 0.00	37.11 2.26 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.06 0.00	41.93 3.25 0.00	44.01 3.37 0.00	48.40 3.54 0.00	56.08 4.11 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.17 3.16 -0.01	42.29 2.95 -0.01
GOWANUS_GT2_3 24116	42.46 2.89 -0.01	40.17 2.52 -0.01	39.21 2.50 0.00	37.98 2.25 0.00	36.22 2.21 0.00	37.11 2.26 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.06 0.00	41.93 3.25 0.00	44.01 3.37 0.00	48.40 3.54 0.00	56.08 4.11 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.17 3.16 -0.01	42.29 2.95 -0.01
GOWANUS_GT2_4 24117	42.46 2.89 -0.01	40.17 2.52 -0.01	39.21 2.50 0.00	37.98 2.25 0.00	36.22 2.21 0.00	37.11 2.26 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.06 0.00	41.93 3.25 0.00	44.01 3.37 0.00	48.40 3.54 0.00	56.08 4.11 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.17 3.16 -0.01	42.29 2.95 -0.01
GOWANUS_GT2_5 24118	42.46 2.89 -0.01	40.17 2.52 -0.01	39.21 2.50 0.00	37.98 2.25 0.00	36.22 2.21 0.00	37.11 2.26 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.06 0.00	41.93 3.25 0.00	44.01 3.37 0.00	48.40 3.54 0.00	56.08 4.11 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.17 3.16 -0.01	42.29 2.95 -0.01

GOWANUS_GT2_6 24119	42.46 2.89 -0.01	40.17 2.52 -0.01	39.21 2.50 0.00	37.98 2.25 0.00	36.22 2.21 0.00	37.11 2.26 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.06 0.00	41.93 3.25 0.00	44.01 3.37 0.00	48.40 3.54 0.00	56.08 4.11 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.17 3.16 -0.01	42.29 2.95 -0.01
GOWANUS_GT2_7 24120	42.46 2.89 -0.01	40.17 2.52 -0.01	39.21 2.50 0.00	37.98 2.25 0.00	36.22 2.21 0.00	37.11 2.26 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.06 0.00	41.93 3.25 0.00	44.01 3.37 0.00	48.40 3.54 0.00	56.08 4.11 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.17 3.16 -0.01	42.29 2.95 -0.01
GOWANUS_GT2_8 24121	42.46 2.89 -0.01	40.17 2.52 -0.01	39.21 2.50 0.00	37.98 2.25 0.00	36.22 2.21 0.00	37.11 2.26 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.06 0.00	41.93 3.25 0.00	44.01 3.37 0.00	48.40 3.54 0.00	56.08 4.11 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.17 3.16 -0.01	42.29 2.95 -0.01
GOWANUS_GT3_1 24122	42.46 2.89 -0.01	40.17 2.52 -0.01	39.21 2.50 0.00	37.98 2.25 0.00	36.22 2.21 0.00	37.11 2.26 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.06 0.00	41.93 3.25 0.00	44.01 3.37 0.00	48.40 3.54 0.00	56.08 4.11 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.17 3.16 -0.01	42.29 2.95 -0.01
GOWANUS_GT3_2 24123	42.46 2.89 -0.01	40.17 2.52 -0.01	39.21 2.50 0.00	37.98 2.25 0.00	36.22 2.21 0.00	37.11 2.26 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.06 0.00	41.93 3.25 0.00	44.01 3.37 0.00	48.40 3.54 0.00	56.08 4.11 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.17 3.16 -0.01	42.29 2.95 -0.01
GOWANUS_GT3_3 24124	42.46 2.89 -0.01	40.17 2.52 -0.01	39.21 2.50 0.00	37.98 2.25 0.00	36.22 2.21 0.00	37.11 2.26 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.06 0.00	41.93 3.25 0.00	44.01 3.37 0.00	48.40 3.54 0.00	56.08 4.11 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.17 3.16 -0.01	42.29 2.95 -0.01
GOWANUS_GT3_4 24125	42.46 2.89 -0.01	40.17 2.52 -0.01	39.21 2.50 0.00	37.98 2.25 0.00	36.22 2.21 0.00	37.11 2.26 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.06 0.00	41.93 3.25 0.00	44.01 3.37 0.00	48.40 3.54 0.00	56.08 4.11 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.17 3.16 -0.01	42.29 2.95 -0.01
GOWANUS_GT3_5 24126	42.46 2.89 -0.01	40.17 2.52 -0.01	39.21 2.50 0.00	37.98 2.25 0.00	36.22 2.21 0.00	37.11 2.26 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.06 0.00	41.93 3.25 0.00	44.01 3.37 0.00	48.40 3.54 0.00	56.08 4.11 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.17 3.16 -0.01	42.29 2.95 -0.01
GOWANUS_GT3_6 24127	42.46 2.89 -0.01	40.17 2.52 -0.01	39.21 2.50 0.00	37.98 2.25 0.00	36.22 2.21 0.00	37.11 2.26 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.06 0.00	41.93 3.25 0.00	44.01 3.37 0.00	48.40 3.54 0.00	56.08 4.11 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.17 3.16 -0.01	42.29 2.95 -0.01
GOWANUS_GT3_7 24128	42.46 2.89 -0.01	40.17 2.52 -0.01	39.21 2.50 0.00	37.98 2.25 0.00	36.22 2.21 0.00	37.11 2.26 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.06 0.00	41.93 3.25 0.00	44.01 3.37 0.00	48.40 3.54 0.00	56.08 4.11 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.17 3.16 -0.01	42.29 2.95 -0.01
GOWANUS_GT3_8 24129	42.46 2.89 -0.01	40.17 2.52 -0.01	39.21 2.50 0.00	37.98 2.25 0.00	36.22 2.21 0.00	37.11 2.26 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.06 0.00	41.93 3.25 0.00	44.01 3.37 0.00	48.40 3.54 0.00	56.08 4.11 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.17 3.16 -0.01	42.29 2.95 -0.01
GOWANUS_GT4_1 24130	42.34 2.77 -0.01	40.16 2.52 0.00	39.02 2.31 0.00	37.76 2.04 0.00	36.19 2.18 0.00	37.04 2.20 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.05 0.00	41.89 3.21 0.00	44.05 3.41 0.00	48.45 3.59 0.00	56.14 4.16 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.29 3.28 -0.01	42.29 2.95 -0.01
GOWANUS_GT4_2 24131	42.34 2.77 -0.01	40.16 2.52 0.00	39.02 2.31 0.00	37.76 2.04 0.00	36.19 2.18 0.00	37.04 2.20 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.05 0.00	41.89 3.21 0.00	44.05 3.41 0.00	48.45 3.59 0.00	56.14 4.16 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.29 3.28 -0.01	42.29 2.95 -0.01
GOWANUS_GT4_3 24132	42.34 2.77 -0.01	40.16 2.52 0.00	39.02 2.31 0.00	37.76 2.04 0.00	36.19 2.18 0.00	37.04 2.20 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.05 0.00	41.89 3.21 0.00	44.05 3.41 0.00	48.45 3.59 0.00	56.14 4.16 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.29 3.28 -0.01	42.29 2.95 -0.01
GOWANUS_GT4_4 24133	42.34 2.77 -0.01	40.16 2.52 0.00	39.02 2.31 0.00	37.76 2.04 0.00	36.19 2.18 0.00	37.04 2.20 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.05 0.00	41.89 3.21 0.00	44.05 3.41 0.00	48.45 3.59 0.00	56.14 4.16 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.29 3.28 -0.01	42.29 2.95 -0.01

GOWANUS_GT4_5 24134	42.34 2.77 -0.01	40.16 2.52 0.00	39.02 2.31 0.00	37.76 2.04 0.00	36.19 2.18 0.00	37.04 2.20 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.05 0.00	41.89 3.21 0.00	44.05 3.41 0.00	48.45 3.59 0.00	56.14 4.16 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.29 3.28 -0.01	42.29 2.95 -0.01
GOWANUS_GT4_6 24135	42.34 2.77 -0.01	40.16 2.52 0.00	39.02 2.31 0.00	37.76 2.04 0.00	36.19 2.18 0.00	37.04 2.20 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.05 0.00	41.89 3.21 0.00	44.05 3.41 0.00	48.45 3.59 0.00	56.14 4.16 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.29 3.28 -0.01	42.29 2.95 -0.01
GOWANUS_GT4_7 24136	42.34 2.77 -0.01	40.16 2.52 0.00	39.02 2.31 0.00	37.76 2.04 0.00	36.19 2.18 0.00	37.04 2.20 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.05 0.00	41.89 3.21 0.00	44.05 3.41 0.00	48.45 3.59 0.00	56.14 4.16 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.29 3.28 -0.01	42.29 2.95 -0.01
GOWANUS_GT4_8 24137	42.34 2.77 -0.01	40.16 2.52 0.00	39.02 2.31 0.00	37.76 2.04 0.00	36.19 2.18 0.00	37.04 2.20 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.05 0.00	41.89 3.21 0.00	44.05 3.41 0.00	48.45 3.59 0.00	56.14 4.16 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.29 3.28 -0.01	42.29 2.95 -0.01
GREATVR_69_KV_BK1 356245	43.28 3.72 0.00	41.14 3.50 0.00	39.50 2.79 0.00	38.37 2.64 0.00	36.63 2.62 0.00	37.52 2.68 0.00	40.49 3.00 0.00	42.71 3.02 0.00	41.19 3.12 0.00	40.89 3.58 0.00	40.28 3.99 0.00	40.01 4.09 0.00	42.60 4.43 0.00	43.36 4.68 0.00	45.71 5.08 0.00	50.48 5.61 -0.01	59.52 5.72 -1.82	68.11 6.64 -0.03	65.13 5.89 -0.95	59.95 5.60 -2.54	54.75 5.83 -2.31	51.80 5.06 -3.53	44.80 4.80 0.00	43.74 4.41 0.00
GREENBSH_115KV_TB3 55895	40.47 0.91 0.00	38.73 1.09 0.00	37.77 1.06 0.00	36.73 1.00 0.00	34.97 0.95 0.00	35.89 1.05 0.00	38.54 1.05 0.00	40.77 1.07 0.00	38.87 0.80 0.00	38.13 0.82 0.00	37.12 0.83 0.00	36.78 0.86 0.00	39.13 0.95 0.00	39.72 1.04 0.00	41.73 1.10 0.00	46.11 1.26 0.00	53.17 1.20 0.00	62.49 1.04 0.00	59.23 0.93 0.00	52.69 0.88 0.00	47.41 0.79 0.00	44.17 0.95 0.00	40.92 0.92 0.00	40.44 1.10 0.00
GREENDGE_115KV_TB5 80291	37.37 -2.14 0.06	35.59 -2.00 0.06	34.52 -2.13 0.06	33.70 -2.00 0.03	32.48 -1.53 0.00	33.10 -1.74 0.00	35.99 -1.50 0.00	38.30 -1.39 0.00	36.43 -1.64 0.00	35.41 -1.87 0.03	34.42 -1.81 0.06	33.92 -1.94 0.06	36.13 -1.99 0.06	36.58 -2.05 0.04	38.59 -1.99 0.06	42.78 -2.02 0.06	49.84 -2.08 0.06	59.24 -2.21 0.00	56.37 -1.92 0.00	50.18 -1.61 0.03	45.08 -1.54 0.00	41.48 -1.69 0.06	38.52 -1.48 0.00	37.92 -1.42 0.00
GREENIDGE___3 23582	37.37 -2.14 0.06	35.59 -2.00 0.06	34.52 -2.13 0.06	33.70 -2.00 0.03	32.48 -1.53 0.00	33.10 -1.74 0.00	35.99 -1.50 0.00	38.30 -1.39 0.00	36.43 -1.64 0.00	35.41 -1.87 0.03	34.42 -1.81 0.06	33.92 -1.94 0.06	36.13 -1.99 0.06	36.58 -2.05 0.04	38.59 -1.99 0.06	42.78 -2.02 0.06	49.84 -2.08 0.06	59.24 -2.21 0.00	56.37 -1.92 0.00	50.18 -1.61 0.03	45.08 -1.54 0.00	41.48 -1.69 0.06	38.52 -1.48 0.00	37.92 -1.42 0.00
GREENIDGE___4 23583	37.33 -2.18 0.06	35.44 -2.14 0.06	34.56 -2.09 0.06	33.80 -1.89 0.03	32.45 -1.56 0.00	33.10 -1.74 0.00	36.03 -1.46 0.00	38.30 -1.39 0.00	36.43 -1.64 0.00	35.41 -1.86 0.03	34.42 -1.81 0.06	33.89 -1.98 0.06	36.10 -2.02 0.06	36.66 -1.97 0.04	38.51 -2.07 0.06	42.56 -2.24 0.06	49.64 -2.29 0.06	59.24 -2.21 0.00	56.37 -1.92 0.00	50.18 -1.61 0.03	45.08 -1.54 0.00	41.52 -1.64 0.06	38.72 -1.28 0.00	37.92 -1.41 0.00
GREENLWN_69_KV_BK 3 55738	42.33 2.77 0.00	40.24 2.60 0.00	38.76 2.06 0.00	37.62 1.89 0.00	35.92 1.90 0.00	36.83 1.99 0.00	39.70 2.21 0.00	41.92 2.22 0.00	40.43 2.36 0.00	40.11 2.80 0.00	39.41 3.12 0.00	39.15 3.23 0.00	41.73 3.55 0.00	42.39 3.71 0.00	44.62 3.98 0.00	49.17 4.31 -0.01	56.28 4.78 0.48	66.37 4.92 0.00	62.71 4.66 0.25	55.69 4.56 0.68	53.21 4.29 -2.31	50.93 4.19 -3.52	43.72 3.72 0.00	42.72 3.38 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	42.34 2.77 -0.01	40.16 2.52 0.00	39.02 2.31 0.00	37.76 2.04 0.00	36.19 2.18 0.00	37.04 2.20 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.05 0.00	41.89 3.21 0.00	44.05 3.41 0.00	48.45 3.59 0.00	56.14 4.16 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.29 3.28 -0.01	42.29 2.95 -0.01
GRISSOM___SOLAR 323813	41.38 1.82 0.00	39.34 1.70 0.00	38.40 1.69 0.00	37.34 1.61 0.00	35.51 1.49 0.00	36.45 1.60 0.00	39.10 1.61 0.00	41.36 1.67 0.00	39.36 1.30 0.00	38.17 0.86 0.00	36.90 0.62 0.00	36.57 0.65 0.00	38.90 0.72 0.00	39.57 0.89 0.00	41.90 1.26 0.00	46.83 1.97 0.00	54.89 2.91 0.00	65.14 3.69 0.00	61.79 3.50 0.00	54.82 3.00 0.00	49.27 2.66 0.00	45.77 2.55 0.00	42.16 2.16 0.00	41.42 2.08 0.00
GROVEVILLE___HYD 323602	41.66 2.10 0.00	39.56 1.92 0.00	38.58 1.87 0.00	37.44 1.71 0.00	35.75 1.73 0.00	36.69 1.85 0.00	39.40 1.91 0.00	41.56 1.87 0.00	40.05 1.98 0.00	39.32 2.01 0.00	38.25 1.96 0.00	37.97 2.05 0.00	40.50 2.33 0.00	41.15 2.48 0.00	43.28 2.64 0.00	47.77 2.92 0.00	55.51 3.53 0.00	65.38 3.93 0.00	61.97 3.67 0.00	55.23 3.42 0.00	49.65 3.03 0.00	46.20 2.98 0.00	42.60 2.60 0.00	41.69 2.36 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	39.21 -0.36 0.00	37.34 -0.30 0.00	36.38 -0.33 0.00	35.48 -0.25 0.00	33.84 -0.17 0.00	34.63 -0.21 0.00	37.34 -0.15 0.00	39.58 -0.12 0.00	38.03 -0.04 0.00	37.27 -0.04 0.00	36.32 0.04 0.00	35.88 -0.04 0.00	38.14 -0.04 0.00	38.60 -0.08 0.00	40.55 -0.08 0.00	44.72 -0.13 0.00	51.82 -0.16 0.00	61.51 0.06 0.00	58.29 0.00 0.00	51.71 -0.10 0.00	46.48 -0.14 0.00	43.00 -0.22 0.00	39.84 -0.16 0.00	39.10 -0.24 0.00
HAMLTNNY_34_KV_TB 80303	39.13 -0.44 0.00	37.23 -0.41 0.00	36.30 -0.40 0.00	35.41 -0.32 0.00	33.78 -0.24 0.00	34.56 -0.28 0.00	37.26 -0.22 0.00	39.54 -0.16 0.00	37.99 -0.08 0.00	37.20 -0.11 0.00	36.25 -0.04 0.00	35.77 -0.14 0.00	38.06 -0.11 0.00	38.52 -0.15 0.00	40.47 -0.16 0.00	44.68 -0.18 0.00	51.72 -0.26 0.00	61.57 0.12 0.00	58.35 0.06 0.00	51.71 -0.10 0.00	46.48 -0.14 0.00	43.00 -0.22 0.00	39.80 -0.20 0.00	39.10 -0.24 0.00

HAMPSHIRE___PAPER_HYD 323593	39.40 -0.16 0.00	37.38 -0.26 0.00	36.41 -0.29 0.00	35.44 -0.29 0.00	33.61 -0.41 0.00	34.35 -0.49 0.00	36.96 -0.52 0.00	39.22 -0.47 0.00	37.50 -0.57 0.00	36.52 -0.79 0.00	35.67 -0.62 0.00	35.31 -0.61 0.00	37.45 -0.73 0.00	37.83 -0.85 0.00	39.82 -0.81 0.00	43.83 -1.03 0.00	50.88 -1.09 0.00	60.28 -1.17 0.00	57.36 -0.93 0.00	51.19 -0.62 0.00	46.20 -0.42 0.00	42.83 -0.39 0.00	39.68 -0.32 0.00	39.02 -0.32 0.00
HARDSCRABBLE_WT_PWR 323673	40.39 0.83 0.00	38.17 0.53 0.00	37.04 0.33 0.00	35.98 0.25 0.00	34.22 0.21 0.00	35.05 0.21 0.00	37.68 0.19 0.00	39.89 0.20 0.00	38.30 0.23 0.00	37.53 0.23 0.00	36.58 0.29 0.00	36.28 0.36 0.00	38.56 0.38 0.00	38.99 0.31 0.00	41.00 0.36 0.00	45.22 0.36 0.00	52.44 0.47 0.00	62.06 0.61 0.00	58.88 0.58 0.00	52.38 0.57 0.00	47.08 0.47 0.00	43.74 0.52 0.00	40.48 0.48 0.00	39.84 0.51 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	41.54 1.98 0.00	39.41 1.77 0.00	38.43 1.73 0.00	37.34 1.61 0.00	35.65 1.63 0.00	36.58 1.74 0.00	39.29 1.80 0.00	41.48 1.79 0.00	39.97 1.90 0.00	39.29 1.98 0.00	38.21 1.92 0.00	37.93 2.01 0.00	40.47 2.29 0.00	41.08 2.40 0.00	43.20 2.56 0.00	47.64 2.78 0.00	55.41 3.43 0.00	65.26 3.81 0.00	61.85 3.56 0.00	55.13 3.32 0.00	49.55 2.94 0.00	46.11 2.90 0.00	42.52 2.52 0.00	41.58 2.24 0.00
HARSNRAD_115KV_TB1 81005	35.47 -4.07 0.01	33.79 -3.84 0.01	33.17 -3.52 0.01	32.51 -3.22 0.01	31.19 -2.82 0.00	31.74 -3.10 0.00	34.49 -3.00 0.00	36.64 -3.06 0.00	34.45 -3.62 0.00	33.64 -3.66 0.01	32.39 -3.88 0.01	31.95 -3.95 0.01	34.31 -3.86 0.01	34.91 -3.75 0.01	36.23 -4.39 0.01	39.96 -4.89 0.01	45.68 -6.29 0.01	55.67 -5.78 0.00	53.05 -5.25 0.00	46.42 -5.39 0.01	41.81 -4.80 0.00	38.71 -4.49 0.01	36.36 -3.64 0.00	36.38 -2.95 0.00
HARZA MOOSE___RIVER 24016	39.88 0.32 0.00	37.83 0.19 0.00	36.89 0.18 0.00	35.94 0.21 0.00	34.12 0.10 0.00	34.98 0.14 0.00	37.68 0.19 0.00	39.97 0.28 0.00	38.34 0.27 0.00	37.38 0.07 0.00	36.43 0.15 0.00	36.06 0.14 0.00	38.29 0.11 0.00	38.72 0.04 0.00	40.76 0.12 0.00	45.04 0.18 0.00	52.39 0.42 0.00	62.25 0.80 0.00	59.05 0.76 0.00	52.59 0.78 0.00	47.22 0.61 0.00	43.73 0.52 0.00	40.44 0.44 0.00	39.73 0.39 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	38.97 -0.59 0.00	37.12 -0.53 0.00	36.16 -0.55 0.00	35.26 -0.46 0.00	33.64 -0.37 0.00	34.46 -0.38 0.00	37.11 -0.37 0.00	39.34 -0.36 0.00	37.76 -0.30 0.00	37.01 -0.30 0.00	36.07 -0.22 0.00	35.63 -0.29 0.00	37.83 -0.34 0.00	38.33 -0.35 0.00	40.23 -0.41 0.00	44.41 -0.45 0.00	51.41 -0.57 0.00	61.08 -0.37 0.00	57.89 -0.41 0.00	51.29 -0.52 0.00	46.15 -0.47 0.00	42.70 -0.52 0.00	39.56 -0.44 0.00	38.86 -0.47 0.00
HELLGATE_13_KV_LD 55870	42.21 2.65 0.00	40.05 2.41 0.00	38.95 2.24 0.00	37.69 1.97 0.00	36.16 2.14 0.00	37.00 2.16 0.00	39.66 2.17 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.61 2.69 0.00	41.15 2.98 0.00	41.81 3.13 0.00	43.93 3.29 0.00	48.31 3.45 0.00	56.03 4.05 0.00	65.63 4.18 0.00	62.14 3.85 0.00	55.70 3.89 0.00	50.16 3.54 0.00	46.72 3.50 0.00	43.12 3.12 0.00	42.13 2.79 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	42.21 2.65 0.00	40.05 2.41 0.00	38.95 2.24 0.00	37.69 1.97 0.00	36.16 2.14 0.00	37.00 2.16 0.00	39.66 2.17 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.61 2.69 0.00	41.15 2.98 0.00	41.81 3.13 0.00	43.93 3.29 0.00	48.31 3.45 0.00	56.03 4.05 0.00	65.63 4.18 0.00	62.14 3.85 0.00	55.70 3.89 0.00	50.16 3.54 0.00	46.72 3.50 0.00	43.12 3.12 0.00	42.13 2.79 0.00
HEMPSTEAD____ 23647	42.29 2.73 0.00	40.20 2.56 0.00	38.87 2.17 0.00	37.76 2.04 0.00	35.92 1.90 0.00	36.86 2.02 0.00	39.70 2.21 0.00	41.92 2.22 0.00	40.43 2.36 0.00	40.00 2.69 0.00	39.23 2.94 0.00	38.97 3.05 0.00	41.54 3.36 0.00	42.28 3.60 -0.01	44.38 3.74 -0.01	48.82 3.95 -0.01	56.62 4.62 -0.01	66.50 5.04 -0.01	63.03 4.72 -0.01	56.28 4.46 -0.01	52.98 4.05 -2.31	50.72 3.93 -3.58	43.48 3.48 -0.01	42.56 3.23 0.00
HICKLING___1 23621	36.71 -2.81 0.04	35.00 -2.60 0.04	33.95 -2.72 0.04	33.17 -2.54 0.02	31.97 -2.04 0.00	32.54 -2.30 0.00	35.39 -2.10 0.00	37.59 -2.10 0.00	35.78 -2.28 0.00	34.94 -2.35 0.02	34.03 -2.21 0.04	33.58 -2.30 0.04	35.73 -2.41 0.04	36.17 -2.48 0.03	38.11 -2.48 0.04	42.13 -2.69 0.04	48.87 -3.07 0.04	58.44 -3.01 0.00	55.50 -2.80 0.00	48.89 -2.90 0.02	43.96 -2.66 0.00	40.58 -2.59 0.04	37.80 -2.20 0.00	37.29 -2.05 0.00
HICKLING___2 23622	36.71 -2.81 0.04	35.00 -2.60 0.04	33.95 -2.72 0.04	33.17 -2.54 0.02	31.97 -2.04 0.00	32.54 -2.30 0.00	35.39 -2.10 0.00	37.59 -2.10 0.00	35.78 -2.28 0.00	34.94 -2.35 0.02	34.03 -2.21 0.04	33.58 -2.30 0.04	35.73 -2.41 0.04	36.17 -2.48 0.03	38.11 -2.48 0.04	42.13 -2.69 0.04	48.87 -3.07 0.04	58.44 -3.01 0.00	55.50 -2.80 0.00	48.89 -2.90 0.02	43.96 -2.66 0.00	40.58 -2.59 0.04	37.80 -2.20 0.00	37.29 -2.05 0.00
HIGH FALLS___HY 23754	41.74 2.18 0.00	39.56 1.92 0.00	38.58 1.87 0.00	37.44 1.71 0.00	35.75 1.73 0.00	36.69 1.85 0.00	39.44 1.95 0.00	41.60 1.91 0.00	40.16 2.09 0.00	39.40 2.09 0.00	38.32 2.03 0.00	38.00 2.08 0.00	40.58 2.41 0.00	41.19 2.51 0.00	43.32 2.68 0.00	47.82 2.96 0.00	55.72 3.74 0.00	65.75 4.30 0.00	62.32 4.02 0.00	55.54 3.73 0.00	49.88 3.26 0.00	46.41 3.20 0.00	42.76 2.76 0.00	41.77 2.44 0.00
HIGH_RIVER___SOLAR 323847	41.22 1.66 0.00	39.15 1.51 0.00	38.21 1.51 0.00	37.19 1.47 0.00	35.38 1.36 0.00	36.30 1.46 0.00	38.95 1.46 0.00	41.16 1.47 0.00	39.13 1.06 0.00	37.87 0.56 0.00	36.73 0.44 0.00	36.38 0.47 0.00	38.71 0.53 0.00	39.33 0.66 0.00	41.57 0.94 0.00	46.47 1.61 0.00	54.58 2.60 0.00	64.76 3.32 0.00	61.44 3.15 0.00	54.56 2.74 0.00	48.99 2.38 0.00	45.51 2.29 0.00	41.96 1.96 0.00	41.26 1.93 0.00
HILLBURN___GT 23639	41.62 2.06 0.00	39.45 1.81 0.00	38.58 1.87 0.00	37.48 1.75 0.00	35.68 1.67 0.00	36.62 1.78 0.00	39.32 1.84 0.00	41.56 1.87 0.00	40.01 1.94 0.00	39.40 2.09 0.00	38.32 2.03 0.00	38.07 2.15 0.00	40.58 2.41 0.00	41.27 2.59 0.00	43.32 2.68 0.00	47.69 2.83 0.00	55.46 3.48 0.00	65.26 3.81 0.00	61.85 3.56 0.00	55.18 3.37 0.00	49.64 3.03 0.00	46.16 2.94 0.00	42.48 2.48 0.00	41.62 2.28 0.00
HILLSIDE_115KV_TB1 80332	36.44 -3.09 0.04	34.78 -2.82 0.04	33.77 -2.90 0.04	32.96 -2.75 0.02	31.73 -2.28 0.00	32.30 -2.54 0.00	35.09 -2.40 0.00	37.31 -2.38 0.00	35.48 -2.59 0.00	34.64 -2.65 0.02	33.74 -2.50 0.04	33.33 -2.55 0.04	35.46 -2.67 0.04	35.86 -2.78 0.03	37.79 -2.80 0.04	41.77 -3.05 0.04	48.46 -3.48 0.04	57.82 -3.63 0.00	54.97 -3.32 0.00	48.42 -3.37 0.02	43.54 -3.08 0.00	40.19 -2.98 0.04	37.48 -2.52 0.00	36.97 -2.36 0.00

HISHELDN_WT_PWR 323625	34.87 -4.67 0.02	33.26 -4.37 0.02	32.47 -4.22 0.02	31.75 -3.97 0.01	30.65 -3.37 0.00	31.22 -3.62 0.00	33.96 -3.53 0.00	36.04 -3.65 0.00	34.11 -3.96 0.00	33.27 -4.03 0.01	32.20 -4.06 0.02	31.77 -4.13 0.02	33.95 -4.20 0.02	34.36 -4.29 0.02	35.90 -4.71 0.02	39.72 -5.12 0.02	45.67 -6.29 0.02	55.36 -6.08 0.00	52.70 -5.60 0.00	46.26 -5.54 0.01	41.63 -4.99 0.00	38.53 -4.67 0.02	36.40 -3.60 0.00	35.83 -3.50 0.00
HOLTSVILLE_IC_1 23690	42.65 3.09 0.00	40.54 2.90 0.00	39.02 2.31 0.00	37.94 2.22 0.00	36.05 2.04 0.00	37.00 2.16 0.00	39.89 2.40 0.00	42.12 2.42 0.00	40.66 2.59 0.00	40.37 3.06 0.00	39.77 3.48 0.00	39.48 3.56 0.00	41.99 3.82 0.00	42.78 4.10 -0.01	44.99 4.35 -0.01	49.58 4.71 -0.01	61.40 5.41 -4.02	67.21 5.72 -0.05	65.81 5.42 -2.09	62.65 5.23 -5.60	53.73 4.80 -2.31	51.23 4.49 -3.52	43.93 3.92 -0.01	42.99 3.66 0.00
HOLTSVILLE_IC_10 23699	42.84 3.28 0.00	40.69 3.05 0.00	39.17 2.46 0.00	38.09 2.36 0.00	36.19 2.18 0.00	37.14 2.30 0.00	40.04 2.55 0.00	42.27 2.58 0.00	40.81 2.74 0.00	40.52 3.21 0.00	39.95 3.66 0.00	39.65 3.74 0.00	42.22 4.04 0.00	42.98 4.29 -0.01	45.23 4.59 -0.01	49.89 5.02 -0.01	61.56 5.72 -3.86	67.70 6.20 -0.05	66.14 5.83 -2.02	62.80 5.60 -5.39	54.10 5.17 -2.31	51.53 4.80 -3.52	44.17 4.16 -0.01	43.23 3.89 0.00
HOLTSVILLE_IC_2 23691	42.65 3.09 0.00	40.54 2.90 0.00	39.02 2.31 0.00	37.94 2.22 0.00	36.05 2.04 0.00	37.00 2.16 0.00	39.89 2.40 0.00	42.12 2.42 0.00	40.66 2.59 0.00	40.37 3.06 0.00	39.77 3.48 0.00	39.48 3.56 0.00	41.99 3.82 0.00	42.78 4.10 -0.01	44.99 4.35 -0.01	49.58 4.71 -0.01	61.40 5.41 -4.02	67.21 5.72 -0.05	65.81 5.42 -2.09	62.65 5.23 -5.60	53.73 4.80 -2.31	51.23 4.49 -3.52	43.93 3.92 -0.01	42.99 3.66 0.00
HOLTSVILLE_IC_3 23692	42.65 3.09 0.00	40.54 2.90 0.00	39.02 2.31 0.00	37.94 2.22 0.00	36.05 2.04 0.00	37.00 2.16 0.00	39.89 2.40 0.00	42.12 2.42 0.00	40.66 2.59 0.00	40.37 3.06 0.00	39.77 3.48 0.00	39.48 3.56 0.00	41.99 3.82 0.00	42.78 4.10 -0.01	44.99 4.35 -0.01	49.58 4.71 -0.01	61.40 5.41 -4.02	67.21 5.72 -0.05	65.81 5.42 -2.09	62.65 5.23 -5.60	53.73 4.80 -2.31	51.23 4.49 -3.52	43.93 3.92 -0.01	42.99 3.66 0.00
HOLTSVILLE_IC_4 23693	42.65 3.09 0.00	40.54 2.90 0.00	39.02 2.31 0.00	37.94 2.22 0.00	36.05 2.04 0.00	37.00 2.16 0.00	39.89 2.40 0.00	42.12 2.42 0.00	40.66 2.59 0.00	40.37 3.06 0.00	39.77 3.48 0.00	39.48 3.56 0.00	41.99 3.82 0.00	42.78 4.10 -0.01	44.99 4.35 -0.01	49.58 4.71 -0.01	61.40 5.41 -4.02	67.21 5.72 -0.05	65.81 5.42 -2.09	62.65 5.23 -5.60	53.73 4.80 -2.31	51.23 4.49 -3.52	43.93 3.92 -0.01	42.99 3.66 0.00
HOLTSVILLE_IC_5 23694	42.65 3.09 0.00	40.54 2.90 0.00	39.02 2.31 0.00	37.94 2.22 0.00	36.05 2.04 0.00	37.00 2.16 0.00	39.89 2.40 0.00	42.12 2.42 0.00	40.66 2.59 0.00	40.37 3.06 0.00	39.77 3.48 0.00	39.48 3.56 0.00	41.99 3.82 0.00	42.78 4.10 -0.01	44.99 4.35 -0.01	49.58 4.71 -0.01	61.40 5.41 -4.02	67.21 5.72 -0.05	65.81 5.42 -2.09	62.65 5.23 -5.60	53.73 4.80 -2.31	51.23 4.49 -3.52	43.93 3.92 -0.01	42.99 3.66 0.00
HOLTSVILLE_IC_6 23695	42.84 3.28 0.00	40.69 3.05 0.00	39.17 2.46 0.00	38.09 2.36 0.00	36.19 2.18 0.00	37.14 2.30 0.00	40.04 2.55 0.00	42.27 2.58 0.00	40.81 2.74 0.00	40.52 3.21 0.00	39.95 3.66 0.00	39.65 3.74 0.00	42.22 4.04 0.00	42.98 4.29 -0.01	45.23 4.59 -0.01	49.89 5.02 -0.01	61.56 5.72 -3.86	67.70 6.20 -0.05	66.14 5.83 -2.02	62.80 5.60 -5.39	54.10 5.17 -2.31	51.53 4.80 -3.52	44.17 4.16 -0.01	43.23 3.89 0.00
HOLTSVILLE_IC_7 23696	42.84 3.28 0.00	40.69 3.05 0.00	39.17 2.46 0.00	38.09 2.36 0.00	36.19 2.18 0.00	37.14 2.30 0.00	40.04 2.55 0.00	42.27 2.58 0.00	40.81 2.74 0.00	40.52 3.21 0.00	39.95 3.66 0.00	39.65 3.74 0.00	42.22 4.04 0.00	42.98 4.29 -0.01	45.23 4.59 -0.01	49.89 5.02 -0.01	61.56 5.72 -3.86	67.70 6.20 -0.05	66.14 5.83 -2.02	62.80 5.60 -5.39	54.10 5.17 -2.31	51.53 4.80 -3.52	44.17 4.16 -0.01	43.23 3.89 0.00
HOLTSVILLE_IC_8 23697	42.84 3.28 0.00	40.69 3.05 0.00	39.17 2.46 0.00	38.09 2.36 0.00	36.19 2.18 0.00	37.14 2.30 0.00	40.04 2.55 0.00	42.27 2.58 0.00	40.81 2.74 0.00	40.52 3.21 0.00	39.95 3.66 0.00	39.65 3.74 0.00	42.22 4.04 0.00	42.98 4.29 -0.01	45.23 4.59 -0.01	49.89 5.02 -0.01	61.56 5.72 -3.86	67.70 6.20 -0.05	66.14 5.83 -2.02	62.80 5.60 -5.39	54.10 5.17 -2.31	51.53 4.80 -3.52	44.17 4.16 -0.01	43.23 3.89 0.00
HOLTSVILLE_IC_9 23698	42.84 3.28 0.00	40.69 3.05 0.00	39.17 2.46 0.00	38.09 2.36 0.00	36.19 2.18 0.00	37.14 2.30 0.00	40.04 2.55 0.00	42.27 2.58 0.00	40.81 2.74 0.00	40.52 3.21 0.00	39.95 3.66 0.00	39.65 3.74 0.00	42.22 4.04 0.00	42.98 4.29 -0.01	45.23 4.59 -0.01	49.89 5.02 -0.01	61.56 5.72 -3.86	67.70 6.20 -0.05	66.14 5.83 -2.02	62.80 5.60 -5.39	54.10 5.17 -2.31	51.53 4.80 -3.52	44.17 4.16 -0.01	43.23 3.89 0.00
HOMER_HL_115KV_TB2 355744	35.98 -3.56 0.02	34.38 -3.24 0.02	33.16 -3.52 0.02	32.36 -3.36 0.01	31.19 -2.82 0.00	31.67 -3.17 0.00	34.53 -2.96 0.00	36.68 -3.02 0.00	34.76 -3.31 0.00	34.01 -3.28 0.01	33.26 -3.01 0.02	33.13 -2.77 0.02	34.91 -3.24 0.02	35.22 -3.44 0.02	37.49 -3.13 0.02	41.61 -3.23 0.02	47.95 -4.00 0.02	56.78 -4.67 0.00	54.04 -4.26 0.00	47.50 -4.30 0.01	42.61 -4.01 0.00	39.52 -3.67 0.02	36.80 -3.20 0.00	36.46 -2.87 0.00
HOWARD_WT_PWR 323690	34.77 -4.75 0.04	32.97 -4.63 0.04	32.15 -4.52 0.04	31.42 -4.29 0.02	30.27 -3.74 0.00	30.73 -4.11 0.00	33.44 -4.05 0.00	35.57 -4.13 0.00	33.73 -4.34 0.00	32.77 -4.52 0.02	31.78 -4.46 0.04	31.28 -4.60 0.04	33.32 -4.81 0.04	33.85 -4.80 0.03	35.51 -5.08 0.04	39.34 -5.47 0.04	45.70 -6.24 0.04	55.18 -6.27 0.00	52.52 -5.77 0.00	46.30 -5.49 0.02	41.63 -4.99 0.00	38.42 -4.75 0.04	36.04 -3.96 0.00	35.36 -3.97 0.00
HQ_GEN_CEDARS 23644	39.80 0.24 0.00	37.87 0.23 0.00	36.85 0.15 0.00	35.87 0.14 0.00	34.05 0.03 0.00	34.77 -0.07 0.00	37.53 0.04 0.00	39.73 0.04 0.00	38.03 -0.04 0.00	37.12 -0.19 0.00	36.07 -0.22 0.00	35.70 -0.22 0.00	37.91 -0.27 0.00	38.37 -0.31 0.00	40.31 -0.33 0.00	44.46 -0.40 0.00	51.61 -0.36 0.00	60.83 -0.61 0.00	57.89 -0.41 0.00	51.55 -0.26 0.00	46.52 -0.09 0.00	43.09 -0.13 0.00	39.88 -0.12 0.00	39.26 -0.08 0.00
HQ_GEN_CEDARS_PROXY 323590	39.80 0.24 0.00	37.87 0.23 0.00	36.86 0.15 0.00	35.84 0.11 0.00	34.05 0.03 0.00	34.77 -0.07 0.00	37.53 0.04 0.00	39.73 0.04 0.00	38.03 -0.04 0.00	37.12 -0.19 0.00	36.07 -0.22 0.00	35.70 -0.21 0.00	37.91 -0.27 0.00	38.37 -0.31 0.00	40.31 -0.33 0.00	44.45 -0.40 0.00	51.56 -0.42 0.00	60.83 -0.61 0.00	57.89 -0.41 0.00	51.55 -0.26 0.00	46.52 -0.09 0.00	43.09 -0.13 0.00	39.88 -0.12 0.00	39.26 -0.08 0.00

HQ_GEN_IMPORT 323601	39.40 -0.16 0.00	37.49 -0.15 0.00	36.53 -0.18 0.00	35.52 -0.21 0.00	33.78 -0.24 0.00	34.56 -0.28 0.00	37.23 -0.26 0.00	39.42 -0.28 0.00	37.76 -0.31 0.00	36.94 -0.37 0.00	35.93 -0.36 0.00	35.56 -0.36 0.00	37.76 -0.42 0.00	38.25 -0.42 0.00	40.19 -0.45 0.00	44.37 -0.49 0.00	51.41 -0.57 0.00	60.77 -0.67 0.00	57.71 -0.58 0.00	51.29 -0.52 0.00	46.20 -0.42 0.00	42.78 -0.43 0.00	39.60 -0.40 0.00	38.98 -0.35 0.00
HQ_GEN_WHEEL 23651	39.40 -0.16 0.00	37.49 -0.15 0.00	36.53 -0.18 0.00	35.52 -0.21 0.00	33.78 -0.24 0.00	34.56 -0.28 0.00	37.23 -0.26 0.00	39.42 -0.28 0.00	37.76 -0.31 0.00	36.94 -0.37 0.00	35.93 -0.36 0.00	35.56 -0.36 0.00	37.76 -0.42 0.00	38.25 -0.42 0.00	40.19 -0.45 0.00	44.37 -0.49 0.00	51.41 -0.57 0.00	60.77 -0.67 0.00	57.71 -0.58 0.00	51.29 -0.52 0.00	46.20 -0.42 0.00	42.78 -0.43 0.00	39.60 -0.40 0.00	38.98 -0.35 0.00
HUDSON AVE_GT_3 23810	41.97 2.41 0.00	39.94 2.30 0.00	38.76 2.06 0.00	37.59 1.86 0.00	35.95 1.94 0.00	36.90 2.06 0.00	39.62 2.14 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.85 2.54 0.00	38.76 2.47 0.00	38.54 2.62 0.00	41.08 2.90 0.00	41.69 3.02 0.00	43.89 3.25 0.00	48.31 3.45 0.00	56.08 4.11 0.00	65.81 4.36 0.00	62.37 4.08 0.00	55.70 3.89 0.00	50.11 3.50 0.00	46.63 3.41 0.00	43.00 3.00 0.00	42.01 2.67 0.00
HUDSON AVE_GT_4 23540	41.97 2.41 0.00	39.94 2.30 0.00	38.76 2.06 0.00	37.59 1.86 0.00	35.95 1.94 0.00	36.90 2.06 0.00	39.62 2.14 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.85 2.54 0.00	38.76 2.47 0.00	38.54 2.62 0.00	41.08 2.90 0.00	41.69 3.02 0.00	43.89 3.25 0.00	48.31 3.45 0.00	56.08 4.11 0.00	65.81 4.36 0.00	62.37 4.08 0.00	55.70 3.89 0.00	50.11 3.50 0.00	46.63 3.41 0.00	43.00 3.00 0.00	42.01 2.67 0.00
HUDSON AVE_GT_5 23657	41.97 2.41 0.00	39.94 2.30 0.00	38.76 2.06 0.00	37.59 1.86 0.00	35.95 1.94 0.00	36.90 2.06 0.00	39.62 2.14 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.85 2.54 0.00	38.76 2.47 0.00	38.54 2.62 0.00	41.08 2.90 0.00	41.69 3.02 0.00	43.89 3.25 0.00	48.31 3.45 0.00	56.08 4.11 0.00	65.81 4.36 0.00	62.37 4.08 0.00	55.70 3.89 0.00	50.11 3.50 0.00	46.63 3.41 0.00	43.00 3.00 0.00	42.01 2.67 0.00
HUDSON_AVE_10 24168	41.86 2.29 0.00	39.79 2.15 0.00	38.62 1.91 0.00	37.44 1.71 0.00	35.82 1.80 0.00	36.79 1.95 0.00	39.51 2.02 0.00	41.80 2.10 0.00	40.24 2.17 0.00	39.73 2.43 0.00	38.65 2.36 0.00	38.40 2.48 0.00	40.92 2.75 0.00	41.54 2.86 0.00	43.72 3.09 0.00	48.18 3.32 0.00	55.93 3.95 0.00	65.57 4.12 0.00	62.14 3.85 0.00	55.54 3.73 0.00	49.97 3.36 0.00	46.50 3.28 0.00	42.88 2.88 0.00	41.89 2.56 0.00
HUDSON___115KV_TB 4 355613	41.03 1.46 0.00	39.19 1.54 0.00	38.25 1.54 0.00	37.16 1.43 0.00	35.37 1.36 0.00	36.31 1.46 0.00	38.99 1.50 0.00	41.16 1.47 0.00	39.29 1.22 0.00	38.32 1.01 0.00	37.27 0.98 0.00	36.89 0.97 0.00	39.28 1.11 0.00	39.88 1.20 0.00	42.02 1.38 0.00	46.52 1.66 0.00	53.95 1.98 0.00	63.66 2.21 0.00	60.39 2.10 0.00	53.63 1.81 0.00	48.25 1.63 0.00	44.90 1.69 0.00	41.56 1.56 0.00	41.03 1.69 0.00
HUNTER MOUNT___DRP 323613	41.03 1.46 0.00	39.19 1.54 0.00	38.25 1.54 0.00	37.16 1.43 0.00	35.37 1.36 0.00	36.27 1.43 0.00	38.99 1.50 0.00	41.08 1.39 0.00	39.25 1.18 0.00	38.24 0.93 0.00	37.16 0.87 0.00	36.78 0.86 0.00	39.17 0.99 0.00	39.80 1.12 0.00	41.94 1.30 0.00	46.47 1.61 0.00	53.90 1.92 0.00	63.72 2.27 0.00	60.39 2.10 0.00	53.63 1.81 0.00	48.20 1.58 0.00	44.95 1.73 0.00	41.60 1.60 0.00	41.03 1.69 0.00
HUNTINGTON_RES_REC 323705	42.57 3.01 0.00	40.43 2.79 0.00	38.95 2.24 0.00	37.87 2.14 0.00	35.99 1.97 0.00	36.93 2.09 0.00	39.81 2.33 0.00	42.04 2.34 0.00	40.58 2.51 0.00	40.25 2.95 0.00	39.62 3.34 0.00	39.33 3.41 0.00	41.92 3.74 0.00	42.67 3.98 -0.01	44.91 4.27 -0.01	49.49 4.62 -0.01	55.53 5.25 1.70	66.97 5.53 0.01	62.60 5.19 0.88	54.52 5.08 2.38	53.63 4.71 -2.31	51.23 4.49 -3.52	43.89 3.88 -0.01	42.95 3.62 0.00
HUNTLEY___63 23557	35.39 -4.15 0.01	33.75 -3.88 0.01	33.06 -3.63 0.01	32.40 -3.32 0.01	31.09 -2.93 0.00	31.64 -3.21 0.00	34.38 -3.11 0.00	36.56 -3.14 0.00	34.49 -3.58 0.00	33.76 -3.54 0.01	32.50 -3.77 0.01	32.10 -3.81 0.01	34.42 -3.74 0.01	34.98 -3.67 0.02	36.31 -4.31 0.01	40.13 -4.71 0.01	45.88 -6.08 0.01	55.86 -5.59 0.00	53.16 -5.13 0.00	46.57 -5.23 0.01	41.95 -4.66 0.00	38.84 -4.36 0.01	36.44 -3.56 0.00	36.35 -2.99 0.00
HUNTLEY___64 23558	35.39 -4.15 0.01	33.75 -3.88 0.01	33.06 -3.63 0.01	32.40 -3.32 0.01	31.09 -2.93 0.00	31.64 -3.21 0.00	34.38 -3.11 0.00	36.56 -3.14 0.00	34.49 -3.58 0.00	33.76 -3.54 0.01	32.50 -3.77 0.01	32.10 -3.81 0.01	34.42 -3.74 0.01	34.98 -3.67 0.02	36.31 -4.31 0.01	40.13 -4.71 0.01	45.88 -6.08 0.01	55.86 -5.59 0.00	53.16 -5.13 0.00	46.57 -5.23 0.01	41.95 -4.66 0.00	38.84 -4.36 0.01	36.44 -3.56 0.00	36.35 -2.99 0.00
HUNTLEY___65 23559	35.39 -4.15 0.01	33.75 -3.88 0.01	33.06 -3.63 0.01	32.40 -3.32 0.01	31.09 -2.93 0.00	31.64 -3.21 0.00	34.38 -3.11 0.00	36.56 -3.14 0.00	34.49 -3.58 0.00	33.76 -3.54 0.01	32.50 -3.77 0.01	32.10 -3.81 0.01	34.42 -3.74 0.01	34.98 -3.67 0.02	36.31 -4.31 0.01	40.13 -4.71 0.01	45.88 -6.08 0.01	55.86 -5.59 0.00	53.16 -5.13 0.00	46.57 -5.23 0.01	41.95 -4.66 0.00	38.84 -4.36 0.01	36.44 -3.56 0.00	36.35 -2.99 0.00
HUNTLEY___66 23560	35.39 -4.15 0.01	33.75 -3.88 0.01	33.06 -3.63 0.01	32.40 -3.32 0.01	31.09 -2.93 0.00	31.64 -3.21 0.00	34.38 -3.11 0.00	36.56 -3.14 0.00	34.49 -3.58 0.00	33.76 -3.54 0.01	32.50 -3.77 0.01	32.10 -3.81 0.01	34.42 -3.74 0.01	34.98 -3.67 0.02	36.31 -4.31 0.01	40.13 -4.71 0.01	45.88 -6.08 0.01	55.86 -5.59 0.00	53.16 -5.13 0.00	46.57 -5.23 0.01	41.95 -4.66 0.00	38.84 -4.36 0.01	36.44 -3.56 0.00	36.35 -2.99 0.00
HUNTLEY___67 23561	35.39 -4.15 0.01	33.71 -3.91 0.01	33.02 -3.67 0.01	32.36 -3.36 0.01	31.05 -2.96 0.00	31.60 -3.24 0.00	34.34 -3.15 0.00	36.48 -3.22 0.00	34.49 -3.58 0.00	33.76 -3.54 0.01	32.57 -3.70 0.01	32.13 -3.77 0.01	34.46 -3.70 0.01	35.03 -3.64 0.01	36.44 -4.19 0.01	40.18 -4.67 0.01	45.93 -6.03 0.01	55.86 -5.59 0.00	53.16 -5.13 0.00	46.57 -5.23 0.01	41.91 -4.71 0.00	38.79 -4.41 0.01	36.40 -3.60 0.00	36.23 -3.11 0.00
HUNTLEY___68 23562	35.39 -4.15 0.01	33.71 -3.91 0.01	33.02 -3.67 0.01	32.36 -3.36 0.01	31.05 -2.96 0.00	31.60 -3.24 0.00	34.34 -3.15 0.00	36.48 -3.22 0.00	34.49 -3.58 0.00	33.76 -3.54 0.01	32.57 -3.70 0.01	32.13 -3.77 0.01	34.46 -3.70 0.01	35.03 -3.64 0.01	36.44 -4.19 0.01	40.18 -4.67 0.01	45.93 -6.03 0.01	55.86 -5.59 0.00	53.16 -5.13 0.00	46.57 -5.23 0.01	41.91 -4.71 0.00	38.79 -4.41 0.01	36.40 -3.60 0.00	36.23 -3.11 0.00

HYLAND___LFGE 323620	37.72 -1.82 0.02	35.96 -1.66 0.02	34.81 -1.87 0.02	34.18 -1.54 0.01	32.96 -1.05 0.00	33.66 -1.18 0.00	36.55 -0.94 0.00	38.90 -0.79 0.00	36.81 -1.26 0.00	35.39 -1.90 0.01	34.01 -2.25 0.02	33.35 -2.55 0.02	35.71 -2.44 0.02	36.18 -2.48 0.02	38.09 -2.52 0.02	42.46 -2.38 0.02	49.46 -2.49 0.02	60.71 -0.73 0.00	58.29 0.00 0.00	51.18 -0.62 0.01	46.15 -0.47 0.00	42.42 -0.78 0.02	39.64 -0.36 0.00	38.75 -0.59 0.00
INDECK___CORINTH 23802	42.06 2.49 0.00	39.98 2.33 0.00	39.02 2.31 0.00	37.98 2.25 0.00	36.12 2.11 0.00	37.07 2.23 0.00	39.81 2.33 0.00	42.20 2.50 0.00	40.43 2.36 0.00	39.51 2.20 0.00	38.47 2.18 0.00	38.11 2.19 0.00	40.50 2.33 0.00	41.04 2.36 0.00	43.20 2.56 0.00	47.91 3.05 0.00	55.67 3.69 0.00	65.81 4.36 0.00	62.43 4.14 0.00	55.34 3.52 0.00	49.88 3.26 0.00	46.29 3.07 0.00	42.72 2.72 0.00	42.09 2.75 0.00
INDECK___ILION 23567	40.15 0.59 0.00	38.06 0.41 0.00	37.04 0.33 0.00	36.05 0.32 0.00	34.29 0.27 0.00	35.16 0.31 0.00	37.75 0.26 0.00	40.01 0.32 0.00	38.41 0.34 0.00	37.64 0.34 0.00	36.65 0.36 0.00	36.31 0.40 0.00	38.60 0.42 0.00	39.06 0.39 0.00	41.08 0.45 0.00	45.31 0.45 0.00	52.55 0.57 0.00	62.19 0.74 0.00	58.94 0.64 0.00	52.43 0.62 0.00	47.13 0.51 0.00	43.73 0.52 0.00	40.48 0.48 0.00	39.81 0.47 0.00
INDECK___OLEAN 23982	36.18 -3.36 0.02	34.01 -3.61 0.02	33.57 -3.12 0.02	32.79 -2.93 0.01	31.16 -2.86 0.00	31.67 -3.17 0.00	34.53 -2.96 0.00	36.68 -3.02 0.00	34.79 -3.27 0.01	34.01 -3.28 0.02	33.26 -3.01 0.02	32.99 -2.91 0.02	34.83 -3.32 0.02	35.45 -3.21 0.02	37.24 -3.37 0.02	41.02 -3.81 0.02	47.33 -4.63 0.02	56.78 -4.67 0.00	53.98 -4.31 0.00	47.45 -4.35 0.01	42.61 -4.01 0.00	39.57 -3.63 0.02	37.04 -2.96 0.00	36.46 -2.87 0.00
INDECK___OSWEGO 23783	38.65 -0.91 0.00	36.81 -0.83 0.00	35.83 -0.88 0.00	34.94 -0.79 0.00	33.33 -0.68 0.00	34.15 -0.70 0.00	36.74 -0.75 0.00	38.98 -0.71 0.00	37.38 -0.68 0.00	36.64 -0.67 0.00	35.67 -0.62 0.00	35.24 -0.68 0.00	37.37 -3.74 0.00	37.83 -0.80 0.00	39.74 -0.89 0.00	43.87 -0.99 0.00	50.78 -1.19 0.00	60.28 -1.17 0.00	57.18 -1.11 0.00	50.72 -1.09 0.00	45.59 -1.03 0.00	42.22 -0.99 0.00	39.16 -0.84 0.00	38.43 -0.90 0.00
INDECK___YERKES 23781	35.12 -4.43 0.01	33.68 -3.95 0.01	32.77 -3.93 0.01	32.08 -3.64 0.01	31.05 -2.96 0.00	31.64 -3.20 0.00	34.41 -3.07 0.00	36.56 -3.14 0.00	34.57 -3.50 0.00	33.76 -3.55 0.01	32.50 -3.77 0.01	32.06 -3.84 0.01	34.42 -3.74 0.01	34.75 -3.90 0.02	36.31 -4.31 0.01	40.18 -4.67 0.01	45.83 -6.13 0.01	55.92 -5.53 0.00	53.22 -5.07 0.00	46.57 -5.23 0.01	41.95 -4.66 0.00	38.88 -4.32 0.01	36.88 -3.12 0.00	36.38 -2.95 0.00
INDIAN POINT_GT_1 24139	41.54 1.98 0.00	39.41 1.77 0.00	38.47 1.76 0.00	37.34 1.61 0.00	35.65 1.63 0.00	36.62 1.78 0.00	39.32 1.84 0.00	41.52 1.83 0.00	39.97 1.90 0.00	39.40 2.09 0.00	38.32 2.03 0.00	38.07 2.16 0.00	40.58 2.41 0.00	41.19 2.51 0.00	43.32 2.68 0.00	47.77 2.92 0.00	55.46 3.48 0.00	65.26 3.81 0.00	61.85 3.56 0.00	55.18 3.37 0.00	49.65 3.03 0.00	46.16 2.94 0.00	42.56 2.56 0.00	41.62 2.28 0.00
INDIAN POINT_GT_2 23659	41.54 1.98 0.00	39.41 1.77 0.00	38.47 1.76 0.00	37.34 1.61 0.00	35.65 1.63 0.00	36.62 1.78 0.00	39.32 1.84 0.00	41.52 1.83 0.00	39.97 1.90 0.00	39.40 2.09 0.00	38.32 2.03 0.00	38.07 2.16 0.00	40.58 2.41 0.00	41.19 2.51 0.00	43.32 2.68 0.00	47.77 2.92 0.00	55.46 3.48 0.00	65.26 3.81 0.00	61.85 3.56 0.00	55.18 3.37 0.00	49.65 3.03 0.00	46.16 2.94 0.00	42.56 2.56 0.00	41.62 2.28 0.00
INDIAN POINT_GT_3 24019	41.54 1.98 0.00	39.41 1.77 0.00	38.47 1.76 0.00	37.34 1.61 0.00	35.65 1.63 0.00	36.62 1.78 0.00	39.32 1.84 0.00	41.52 1.83 0.00	39.97 1.90 0.00	39.40 2.09 0.00	38.32 2.03 0.00	38.07 2.16 0.00	40.58 2.41 0.00	41.19 2.51 0.00	43.32 2.68 0.00	47.77 2.92 0.00	55.46 3.48 0.00	65.26 3.81 0.00	61.85 3.56 0.00	55.18 3.37 0.00	49.65 3.03 0.00	46.16 2.94 0.00	42.56 2.56 0.00	41.62 2.28 0.00
INDIAN POINT___2 23530	41.58 2.02 0.00	39.34 1.70 0.00	38.54 1.83 0.00	37.44 1.71 0.00	35.65 1.63 0.00	36.58 1.74 0.00	39.29 1.80 0.00	41.52 1.83 0.00	39.97 1.90 0.00	39.40 2.09 0.00	38.32 2.03 0.00	38.07 2.15 0.00	40.58 2.41 0.00	41.27 2.59 0.00	43.32 2.68 0.00	47.69 2.83 0.00	55.41 3.43 0.00	65.20 3.75 0.00	61.79 3.50 0.00	55.13 3.32 0.00	49.60 2.99 0.00	46.11 2.90 0.00	42.44 2.44 0.00	41.58 2.24 0.00
INDIAN POINT___3 23531	41.54 1.98 0.00	39.45 1.81 0.00	38.43 1.73 0.00	37.34 1.61 0.00	35.65 1.63 0.00	36.58 1.74 0.00	39.29 1.80 0.00	41.52 1.83 0.00	39.97 1.90 0.00	39.36 2.05 0.00	38.32 2.03 0.00	38.04 2.12 0.00	40.58 2.41 0.00	41.19 2.51 0.00	43.32 2.68 0.00	47.73 2.87 0.00	55.46 3.48 0.00	65.20 3.75 0.00	61.79 3.50 0.00	55.13 3.32 0.00	49.60 2.98 0.00	46.11 2.90 0.00	42.52 2.52 0.00	41.58 2.24 0.00
INGHAM_C_115KV_TB7 356103	40.75 1.19 0.00	38.51 0.87 0.00	37.37 0.66 0.00	36.30 0.57 0.00	34.52 0.51 0.00	35.40 0.56 0.00	38.01 0.52 0.00	40.29 0.60 0.00	38.64 0.57 0.00	37.87 0.56 0.00	36.87 0.58 0.00	36.60 0.68 0.00	38.90 0.73 0.00	39.33 0.66 0.00	41.37 0.73 0.00	45.62 0.76 0.00	52.91 0.94 0.00	62.62 1.17 0.00	59.40 1.11 0.00	52.85 1.04 0.00	47.50 0.89 0.00	44.17 0.95 0.00	40.88 0.88 0.00	40.24 0.90 0.00
IP CORINTH___1 23988	42.05 2.49 0.00	40.01 2.37 0.00	39.02 2.31 0.00	37.94 2.22 0.00	36.09 2.07 0.00	37.07 2.23 0.00	39.81 2.32 0.00	42.19 2.50 0.00	40.43 2.36 0.00	39.51 2.20 0.00	38.47 2.18 0.00	38.11 2.19 0.00	40.50 2.33 0.00	41.04 2.36 0.00	43.20 2.56 0.00	47.95 3.10 0.00	55.67 3.69 0.00	65.81 4.36 0.00	62.43 4.14 0.00	55.34 3.52 0.00	49.88 3.26 0.00	46.28 3.07 0.00	42.76 2.76 0.00	42.09 2.75 0.00
IP___TICONDEROGA 23804	43.40 3.84 0.00	41.26 3.61 0.00	40.23 3.52 0.00	39.09 3.36 0.00	37.21 3.20 0.00	38.26 3.41 0.00	41.05 3.56 0.00	43.50 3.81 0.00	41.57 3.50 0.00	40.48 3.17 0.00	39.45 3.16 0.00	39.04 3.12 0.00	41.50 3.32 0.00	42.04 3.36 0.00	44.25 3.62 0.00	49.34 4.49 0.00	57.54 5.56 0.00	68.39 6.94 0.00	64.94 6.65 0.00	57.46 5.65 0.00	51.74 5.13 0.00	47.97 4.75 0.00	44.20 4.20 0.00	43.50 4.17 0.00
ISLIP_RES_REC 323679	43.00 3.44 0.00	40.84 3.20 0.00	39.28 2.57 0.00	38.19 2.46 0.00	36.29 2.28 0.00	37.24 2.40 0.00	40.19 2.70 0.00	42.43 2.74 0.00	40.93 2.86 0.00	40.67 3.36 0.00	40.10 3.81 0.00	39.80 3.88 0.00	42.34 4.16 0.00	43.13 4.45 -0.01	45.40 4.75 -0.01	50.11 5.25 -0.01	61.39 5.97 -3.44	68.00 6.51 -0.04	66.21 6.12 -1.79	62.46 5.85 -4.80	54.37 5.45 -2.31	51.75 5.01 -3.52	44.37 4.36 -0.01	43.39 4.05 0.00

JAMAICA__27_KV_LOAD 355505	41.78 2.22 0.00	39.68 2.03 0.00	38.51 1.80 0.00	37.26 1.54 0.00	35.68 1.67 0.00	36.72 1.88 0.00	39.55 2.06 0.00	41.84 2.14 0.00	40.24 2.17 0.00	39.77 2.46 0.00	38.57 2.29 0.00	38.25 2.33 0.00	40.81 2.63 0.00	41.38 2.71 0.00	43.60 2.97 0.00	48.18 3.32 0.00	56.08 4.11 0.00	65.57 4.12 0.00	62.14 3.85 0.00	55.75 3.94 0.00	50.16 3.54 0.00	46.67 3.46 0.00	42.96 2.96 0.00	41.89 2.56 0.00
JANIS__SOLAR 323808	40.38 0.79 -0.03	38.27 0.60 -0.03	37.25 0.51 -0.03	36.31 0.57 -0.01	34.56 0.54 0.00	35.40 0.56 0.00	38.28 0.79 0.00	40.69 0.99 0.00	38.95 0.88 0.00	37.92 0.60 -0.01	36.79 0.47 -0.03	36.34 0.40 -0.03	38.58 0.38 -0.03	39.05 0.35 -0.02	41.19 0.53 -0.03	45.69 0.81 -0.03	53.46 1.45 -0.03	64.09 2.64 0.00	60.80 2.50 0.00	54.00 2.18 -0.01	48.34 1.73 0.00	44.54 1.30 -0.03	41.16 1.16 0.00	40.32 0.98 0.00
JARVIS____ 23743	39.72 0.16 0.00	37.79 0.15 0.00	36.86 0.15 0.00	35.91 0.18 0.00	34.15 0.14 0.00	35.02 0.18 0.00	37.64 0.15 0.00	39.85 0.16 0.00	38.22 0.15 0.00	37.50 0.19 0.00	36.47 0.18 0.00	36.14 0.22 0.00	38.41 0.23 0.00	38.91 0.23 0.00	40.88 0.25 0.00	45.13 0.27 0.00	52.29 0.31 0.00	61.82 0.37 0.00	58.59 0.29 0.00	52.12 0.31 0.00	46.85 0.23 0.00	43.48 0.26 0.00	40.24 0.24 0.00	39.57 0.24 0.00
JENNISON____1 23625	40.52 0.95 -0.01	38.37 0.72 -0.01	37.41 0.70 -0.01	36.41 0.68 0.00	34.63 0.61 0.00	35.47 0.63 0.00	38.31 0.82 0.00	40.73 1.03 0.00	39.13 1.07 0.00	38.24 0.93 0.00	37.24 0.94 -0.01	36.86 0.93 -0.01	39.17 0.99 -0.01	39.53 0.85 -0.01	41.70 1.06 -0.01	46.12 1.26 -0.01	53.80 1.82 -0.01	64.58 3.13 0.00	61.15 2.86 0.00	54.35 2.54 0.00	48.67 2.05 0.00	44.61 1.38 -0.01	41.20 1.20 0.00	40.44 1.10 0.00
JENNISON____2 23626	40.52 0.95 -0.01	38.37 0.72 -0.01	37.41 0.70 -0.01	36.41 0.68 0.00	34.63 0.61 0.00	35.47 0.63 0.00	38.31 0.82 0.00	40.73 1.03 0.00	39.13 1.07 0.00	38.24 0.93 0.00	37.24 0.94 -0.01	36.86 0.93 -0.01	39.17 0.99 -0.01	39.53 0.85 -0.01	41.70 1.06 -0.01	46.12 1.26 -0.01	53.80 1.82 -0.01	64.58 3.13 0.00	61.15 2.86 0.00	54.35 2.54 0.00	48.67 2.05 0.00	44.61 1.38 -0.01	41.20 1.20 0.00	40.44 1.10 0.00
JERICOHO_RISE_WT_PWR 323719	39.33 -0.24 0.00	37.34 -0.30 0.00	36.27 -0.44 0.00	35.05 -0.68 0.00	33.20 -0.82 0.00	33.87 -0.98 0.00	36.55 -0.94 0.00	38.66 -1.03 0.00	37.00 -1.07 0.00	36.04 -1.27 0.00	34.95 -1.34 0.00	34.55 -1.36 0.00	36.65 -1.53 0.00	37.05 -1.62 0.00	38.93 -1.71 0.00	42.98 -1.88 0.00	49.95 -2.03 0.00	58.87 -2.58 0.00	56.02 -2.27 0.00	49.84 -1.97 0.00	44.94 -1.68 0.00	41.62 -1.60 0.00	38.48 -1.52 0.00	37.84 -1.49 0.00
KATONAH__115KV_46KV_TB4 355592	41.70 2.14 0.00	39.60 1.96 0.00	38.58 1.87 0.00	37.48 1.75 0.00	35.75 1.73 0.00	36.72 1.88 0.00	39.44 1.95 0.00	41.64 1.95 0.00	40.12 2.06 0.00	39.47 2.16 0.00	38.39 2.10 0.00	38.15 2.23 0.00	40.69 2.52 0.00	41.31 2.63 0.00	43.44 2.80 0.00	47.91 3.05 0.00	55.67 3.69 0.00	65.57 4.12 0.00	62.08 3.79 0.00	55.39 3.58 0.00	49.83 3.22 0.00	46.33 3.11 0.00	42.68 2.68 0.00	41.73 2.40 0.00
KCE_NY_1 323755	41.70 2.13 0.00	39.64 1.99 0.00	38.73 2.02 0.00	37.66 1.93 0.00	35.82 1.80 0.00	36.76 1.92 0.00	39.47 1.99 0.00	41.80 2.10 0.00	40.05 1.98 0.00	39.17 1.86 0.00	38.14 1.85 0.00	37.79 1.87 0.00	40.16 1.98 0.00	40.80 2.13 0.00	42.91 2.27 0.00	47.55 2.69 0.00	55.15 3.17 0.00	65.14 3.69 0.00	61.73 3.44 0.00	54.76 2.95 0.00	49.32 2.70 0.00	45.77 2.55 0.00	42.28 2.28 0.00	41.69 2.36 0.00
KCE_NY_6_ESR 323823	35.43 -4.12 0.02	33.79 -3.84 0.02	32.99 -3.71 0.02	32.29 -3.43 0.01	31.09 -2.93 0.00	31.67 -3.17 0.00	34.45 -3.04 0.00	36.60 -3.10 0.00	34.64 -3.43 0.00	33.87 -3.43 0.01	32.75 -3.52 0.02	32.38 -3.52 0.02	34.57 -3.59 0.02	34.99 -3.68 0.01	36.64 -3.98 0.02	40.45 -4.39 0.02	46.30 -5.66 0.02	56.23 -5.22 0.00	53.52 -4.78 0.00	46.93 -4.87 0.01	42.19 -4.43 0.00	39.14 -4.06 0.02	37.00 -3.00 0.00	36.42 -2.91 0.00
KEDC PORT_JEFF_GT2 24210	42.76 3.20 0.00	40.62 2.97 0.00	39.09 2.38 0.00	37.98 2.25 0.00	36.09 2.08 0.00	37.04 2.20 0.00	39.96 2.47 0.00	42.20 2.50 0.00	40.73 2.66 0.00	40.44 3.13 0.00	39.88 3.59 0.00	39.58 3.67 0.00	42.11 3.93 0.00	42.90 4.22 -0.01	45.11 4.47 -0.01	49.76 4.89 -0.01	61.89 5.62 -4.29	67.40 5.90 -0.05	66.13 5.60 -2.24	63.24 5.44 -5.99	53.96 5.04 -2.31	51.40 4.67 -3.52	44.04 4.04 -0.01	43.11 3.78 0.00
KEDC PORT_JEFF_GT3 24211	42.76 3.20 0.00	40.62 2.97 0.00	39.09 2.38 0.00	37.98 2.25 0.00	36.09 2.08 0.00	37.04 2.20 0.00	39.96 2.47 0.00	42.20 2.50 0.00	40.73 2.66 0.00	40.44 3.13 0.00	39.88 3.59 0.00	39.58 3.67 0.00	42.11 3.93 0.00	42.90 4.22 -0.01	45.11 4.47 -0.01	49.76 4.89 -0.01	61.89 5.62 -4.29	67.40 5.90 -0.05	66.13 5.60 -2.24	63.24 5.44 -5.99	53.96 5.04 -2.31	51.40 4.67 -3.52	44.04 4.04 -0.01	43.11 3.78 0.00
KEDC_GLWD_GT4 24219	42.29 2.73 0.00	40.17 2.52 0.00	38.95 2.24 0.00	37.84 2.11 0.00	35.99 1.97 0.00	36.93 2.09 0.00	39.74 2.25 0.00	42.00 2.30 0.00	40.47 2.40 0.00	40.00 2.69 0.00	39.12 2.83 0.00	38.86 2.95 0.00	41.42 3.24 0.00	42.17 3.48 -0.01	44.26 3.62 -0.01	48.73 3.86 -0.02	56.57 4.58 -0.02	66.44 4.98 -0.02	62.98 4.67 -0.02	56.23 4.40 -0.02	52.88 3.96 -2.31	50.59 3.80 -3.57	43.32 3.32 -0.01	42.44 3.11 0.00
KEDC_GLWD_GT5 24220	42.29 2.73 0.00	40.17 2.52 0.00	38.95 2.24 0.00	37.84 2.11 0.00	35.99 1.97 0.00	36.93 2.09 0.00	39.74 2.25 0.00	42.00 2.30 0.00	40.47 2.40 0.00	40.00 2.69 0.00	39.12 2.83 0.00	38.86 2.95 0.00	41.42 3.24 0.00	42.17 3.48 -0.01	44.26 3.62 -0.01	48.73 3.86 -0.02	56.57 4.58 -0.02	66.44 4.98 -0.02	62.98 4.67 -0.02	56.23 4.40 -0.02	52.88 3.96 -2.31	50.59 3.80 -3.57	43.32 3.32 -0.01	42.44 3.11 0.00
KENSICO____ 23655	41.66 2.10 0.00	39.64 2.00 0.00	38.54 1.84 0.00	37.44 1.71 0.00	35.75 1.73 0.00	36.69 1.85 0.00	39.40 1.91 0.00	41.64 1.95 0.00	40.09 2.02 0.00	39.51 2.20 0.00	38.43 2.14 0.00	38.22 2.30 0.00	40.73 2.56 0.00	41.35 2.67 0.00	43.48 2.84 0.00	47.91 3.05 0.00	55.67 3.69 0.00	65.44 3.99 0.00	62.03 3.73 0.00	55.34 3.52 0.00	49.79 3.17 0.00	46.28 3.07 0.00	42.68 2.68 0.00	41.73 2.40 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	41.70 2.14 0.00	39.56 1.92 0.00	38.54 1.84 0.00	37.44 1.71 0.00	35.71 1.70 0.00	36.65 1.81 0.00	39.40 1.91 0.00	41.56 1.87 0.00	40.09 2.02 0.00	39.32 2.01 0.00	38.21 1.92 0.00	37.93 2.01 0.00	40.47 2.29 0.00	41.08 2.40 0.00	43.24 2.60 0.00	47.69 2.83 0.00	55.56 3.59 0.00	65.57 4.12 0.00	62.14 3.85 0.00	55.39 3.58 0.00	49.74 3.12 0.00	46.33 3.11 0.00	42.68 2.68 0.00	41.73 2.40 0.00

KIAC_JFK_GT1 23816	41.58 2.02 0.00	39.49 1.84 0.00	38.32 1.62 0.00	37.12 1.39 0.00	35.51 1.50 0.00	36.55 1.71 0.00	39.36 1.87 0.00	41.64 1.95 0.00	40.05 1.98 0.00	39.58 2.28 0.00	38.39 2.10 0.00	38.07 2.16 0.00	40.58 2.41 0.00	41.19 2.51 0.00	43.36 2.72 0.00	47.95 3.10 0.00	55.82 3.85 0.00	64.95 3.50 0.00	61.56 3.26 0.00	55.49 3.68 0.00	49.93 3.31 0.00	46.41 3.20 0.00	42.72 2.72 0.00	41.69 2.36 0.00
KIAC_JFK_GT2 23817	41.58 2.02 0.00	39.49 1.84 0.00	38.32 1.62 0.00	37.12 1.39 0.00	35.51 1.50 0.00	36.55 1.71 0.00	39.36 1.87 0.00	41.64 1.95 0.00	40.05 1.98 0.00	39.58 2.28 0.00	38.39 2.10 0.00	38.07 2.16 0.00	40.58 2.41 0.00	41.19 2.51 0.00	43.36 2.72 0.00	47.95 3.10 0.00	55.82 3.85 0.00	64.95 3.50 0.00	61.56 3.26 0.00	55.49 3.68 0.00	49.93 3.31 0.00	46.41 3.20 0.00	42.72 2.72 0.00	41.69 2.36 0.00
KIAC_JFK____ 323774	41.66 2.10 0.00	39.49 1.84 -0.01	38.43 1.73 0.00	37.26 1.54 0.00	35.55 1.53 0.00	36.55 1.71 0.00	39.36 1.87 0.00	41.64 1.94 0.00	40.05 1.98 0.00	39.58 2.28 0.00	38.39 2.10 0.00	38.07 2.15 0.00	40.58 2.41 0.00	41.23 2.55 0.00	43.36 2.72 0.00	47.91 3.05 0.00	55.77 3.79 0.00	64.95 3.50 0.00	61.56 3.26 0.00	55.49 3.68 0.00	49.93 3.31 0.00	46.41 3.20 0.00	42.64 2.64 0.00	41.69 2.36 0.00
KINTIGH__24_KV_GSU 356498	35.56 -3.99 0.01	34.17 -3.46 0.01	33.14 -3.56 0.01	32.47 -3.25 0.01	31.50 -2.52 0.00	32.12 -2.72 0.00	34.83 -2.66 0.00	36.99 -2.70 0.00	35.14 -2.93 0.00	34.35 -2.95 0.01	33.08 -3.19 0.01	32.57 -3.34 0.01	35.03 -3.13 0.01	35.38 -3.29 0.01	36.97 -3.66 0.01	40.81 -4.04 0.01	46.67 -5.30 0.01	56.78 -4.67 0.00	54.04 -4.25 0.00	47.30 -4.51 0.01	42.65 -3.96 0.00	39.45 -3.76 0.01	37.28 -2.72 0.00	36.66 -2.68 0.00
KINTIGH____ 23543	35.91 -3.64 0.01	34.17 -3.46 0.01	33.58 -3.12 0.01	32.90 -2.82 0.01	31.50 -2.52 0.00	32.12 -2.72 0.00	34.79 -2.70 0.00	36.99 -2.70 0.00	35.10 -2.97 0.00	34.35 -2.95 0.01	33.08 -3.19 0.01	32.53 -3.38 0.01	35.03 -3.13 0.01	35.65 -3.02 0.01	36.89 -3.74 0.01	40.63 -4.22 0.01	46.56 -5.41 0.01	56.78 -4.67 0.00	53.98 -4.31 0.00	47.30 -4.51 0.01	42.65 -3.96 0.00	39.40 -3.80 0.01	36.96 -3.04 0.00	36.66 -2.67 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	39.60 0.04 0.00	37.64 0.00 0.00	36.52 -0.18 0.00	35.41 -0.32 0.00	33.47 -0.54 0.00	34.14 -0.70 0.00	36.85 -0.64 0.00	39.02 -0.67 0.00	37.31 -0.76 0.00	36.30 -1.01 0.00	35.24 -1.05 0.00	34.81 -1.11 0.00	36.92 -1.26 0.00	37.32 -1.35 0.00	39.21 -1.42 0.00	43.33 -1.53 0.00	50.47 -1.51 0.00	59.48 -1.97 0.00	56.66 -1.63 0.00	50.41 -1.40 0.00	45.45 -1.17 0.00	42.01 -1.21 0.00	38.80 -1.20 0.00	38.19 -1.14 0.00
LACHUTE____HYDRO 323717	43.44 3.88 0.00	41.22 3.58 0.00	40.23 3.52 0.00	39.12 3.40 0.00	37.21 3.20 0.00	38.26 3.42 0.00	41.05 3.56 0.00	43.51 3.81 0.00	41.57 3.50 0.00	40.48 3.17 0.00	39.44 3.16 0.00	39.04 3.12 0.00	41.49 3.32 0.00	42.08 3.40 0.00	44.25 3.62 0.00	49.30 4.44 0.00	57.54 5.56 0.00	68.39 6.94 0.00	64.94 6.64 0.00	57.46 5.65 0.00	51.74 5.13 0.00	47.97 4.75 0.00	44.20 4.20 0.00	43.50 4.17 0.00
LAWRNCALV_115KV_TB1 80681	39.72 0.16 0.00	37.76 0.11 0.00	36.71 0.00 0.00	35.73 0.00 0.00	33.88 -0.14 0.00	34.60 -0.24 0.00	37.34 -0.15 0.00	39.54 -0.16 0.00	37.84 -0.23 0.00	36.86 -0.45 0.00	35.85 -0.44 0.00	35.49 -0.43 0.00	37.68 -0.50 0.00	38.10 -0.58 0.00	40.03 -0.61 0.00	44.10 -0.76 0.00	51.09 -0.88 0.00	60.16 -1.29 0.00	57.30 -0.99 0.00	51.14 -0.67 0.00	46.29 -0.33 0.00	42.96 -0.26 0.00	39.72 -0.28 0.00	39.10 -0.24 0.00
LEDERLE____ 23769	41.66 2.10 0.00	39.56 1.92 0.00	38.58 1.87 0.00	37.44 1.71 0.00	35.75 1.73 0.00	36.69 1.85 0.00	39.44 1.95 0.00	41.64 1.95 0.00	40.12 2.06 0.00	39.47 2.16 0.00	38.43 2.14 0.00	38.15 2.23 0.00	40.69 2.52 0.00	41.31 2.63 0.00	43.44 2.80 0.00	47.86 3.01 0.00	55.67 3.69 0.00	65.50 4.06 0.00	62.08 3.79 0.00	55.34 3.52 0.00	49.79 3.17 0.00	46.28 3.07 0.00	42.68 2.68 0.00	41.73 2.40 0.00
LIGHTHSE_115KV_TB6 355974	39.01 -0.55 0.00	37.04 -0.60 0.00	36.12 -0.59 0.00	35.23 -0.50 0.00	33.47 -0.54 0.00	34.32 -0.52 0.00	36.89 -0.60 0.00	39.14 -0.56 0.00	37.54 -0.53 0.00	36.75 -0.56 0.00	35.85 -0.44 0.00	35.38 -0.54 0.00	37.56 -0.61 0.00	37.98 -0.70 0.00	39.94 -0.69 0.00	44.05 -0.81 0.00	51.15 -0.83 0.00	60.83 -0.61 0.00	57.77 -0.52 0.00	51.35 -0.47 0.00	46.06 -0.56 0.00	42.70 -0.52 0.00	39.48 -0.52 0.00	38.78 -0.55 0.00
LINDEN COGEN____ 23786	41.89 2.33 0.00	39.76 2.11 -0.01	38.69 1.98 0.00	37.55 1.82 0.00	35.78 1.77 0.00	36.76 1.92 0.00	39.47 1.99 0.00	41.72 2.02 0.00	40.20 2.13 0.00	39.66 2.35 0.00	38.61 2.32 0.00	38.36 2.44 0.00	40.89 2.71 0.00	41.58 2.90 0.00	43.68 3.05 0.00	48.04 3.19 0.00	55.77 3.79 0.00	65.44 3.99 0.00	62.03 3.73 0.00	55.38 3.57 0.00	49.88 3.26 0.00	46.37 3.15 0.00	42.72 2.72 0.00	41.81 2.48 0.00
LINDHRST_69_KV_BK1 356055	43.04 3.48 0.00	40.96 3.31 0.00	39.35 2.64 0.00	38.23 2.50 0.00	36.50 2.48 0.00	37.39 2.54 0.00	40.34 2.85 0.00	42.55 2.86 0.00	41.04 2.97 0.00	40.70 3.40 0.00	40.03 3.74 0.00	39.76 3.84 0.00	42.37 4.20 0.00	43.13 4.45 0.00	45.39 4.75 0.00	50.07 5.20 -0.01	58.06 5.82 -0.26	67.97 6.51 -0.01	64.50 6.06 -0.14	57.81 5.65 -0.35	54.28 5.36 -2.31	51.73 4.97 -3.55	44.56 4.56 0.00	43.50 4.17 0.00
LIPA_MISC_IPP 23656	42.73 3.16 0.00	40.62 2.97 0.00	38.98 2.28 0.00	37.87 2.14 0.00	36.19 2.18 0.00	37.07 2.23 0.00	39.96 2.47 0.00	42.19 2.50 0.00	40.77 2.70 0.00	40.52 3.21 0.00	39.95 3.67 0.00	39.65 3.74 0.00	42.15 3.97 0.00	42.85 4.18 0.00	45.15 4.51 0.00	49.85 4.98 -0.01	61.75 5.77 -4.01	67.76 6.27 -0.05	66.27 5.89 -2.09	63.00 5.60 -5.59	53.96 5.03 -2.31	51.40 4.67 -3.52	44.12 4.12 0.00	43.11 3.78 0.00
LISF____SOLAR 323691	42.84 3.28 0.00	40.73 3.09 0.00	39.17 2.46 0.00	38.05 2.32 0.00	36.16 2.14 0.00	37.11 2.26 0.00	40.00 2.51 0.00	42.27 2.58 0.00	40.81 2.74 0.00	40.55 3.24 0.00	40.03 3.74 0.00	39.72 3.81 0.00	42.22 4.04 0.00	42.98 4.29 -0.01	45.23 4.59 -0.01	49.89 5.02 -0.01	61.83 5.87 -3.98	67.89 6.39 -0.05	66.43 6.06 -2.07	63.11 5.75 -5.55	54.10 5.17 -2.31	51.53 4.80 -3.52	44.13 4.12 -0.01	43.19 3.86 0.00
LITTLE FALLS____HYD 24013	40.75 1.19 0.00	38.51 0.87 0.00	37.37 0.66 0.00	36.30 0.57 0.00	34.52 0.51 0.00	35.40 0.56 0.00	38.01 0.52 0.00	40.29 0.60 0.00	38.64 0.57 0.00	37.87 0.56 0.00	36.87 0.58 0.00	36.60 0.68 0.00	38.90 0.73 0.00	39.33 0.66 0.00	41.37 0.73 0.00	45.62 0.76 0.00	52.91 0.94 0.00	62.62 1.17 0.00	59.40 1.11 0.00	52.85 1.04 0.00	47.50 0.89 0.00	44.17 0.95 0.00	40.88 0.88 0.00	40.24 0.90 0.00

LITTLRIV_115KV_TB1 356100	40.12 0.55 0.00	38.09 0.45 0.00	37.07 0.37 0.00	36.09 0.36 0.00	34.15 0.14 0.00	34.91 0.07 0.00	37.71 0.22 0.00	39.93 0.24 0.00	38.15 0.08 0.00	37.01 -0.30 0.00	36.00 -0.29 0.00	35.63 -0.29 0.00	37.79 -0.38 0.00	38.21 -0.46 0.00	40.19 -0.45 0.00	44.32 -0.54 0.00	51.56 -0.42 0.00	60.90 -0.55 0.00	58.06 -0.23 0.00	51.86 0.05 0.00	46.90 0.28 0.00	43.48 0.26 0.00	40.20 0.20 0.00	39.53 0.20 0.00
LI_NEWBRDGE___DRP 323616	42.21 2.65 0.00	40.16 2.52 0.00	38.69 1.98 0.00	37.55 1.82 0.00	35.88 1.87 0.00	36.79 1.95 0.00	39.62 2.14 0.00	41.84 2.14 0.00	40.35 2.28 0.00	39.99 2.69 0.00	39.26 2.98 0.00	39.01 3.09 0.00	41.53 3.36 0.00	42.20 3.52 0.00	44.41 3.78 0.00	48.86 3.99 -0.01	56.61 4.63 -0.01	66.37 4.92 -0.01	62.91 4.61 -0.01	56.17 4.35 -0.01	52.93 4.01 -2.31	50.57 3.85 -3.51	43.56 3.56 0.00	42.56 3.23 0.00
LOCKPORT_115KV_TB60_63_64 80432	35.55 -4.00 0.01	33.87 -3.76 0.01	33.21 -3.49 0.01	32.58 -3.14 0.01	31.22 -2.79 0.00	31.81 -3.03 0.00	34.53 -2.96 0.00	36.68 -3.02 0.00	34.45 -3.62 0.00	33.64 -3.66 0.01	32.39 -3.88 0.01	31.95 -3.95 0.01	34.31 -3.86 0.01	34.91 -3.75 0.01	36.23 -4.39 0.01	40.00 -4.84 0.01	45.68 -6.29 0.01	55.73 -5.71 0.00	53.05 -5.25 0.00	46.42 -5.39 0.01	41.86 -4.75 0.00	38.71 -4.49 0.01	36.40 -3.60 0.00	36.46 -2.87 0.00
LOCKPORT___CC1 323769	35.16 -4.39 0.01	33.75 -3.88 0.01	32.80 -3.89 0.01	32.15 -3.57 0.01	31.16 -2.86 0.00	31.74 -3.10 0.00	34.49 -3.00 0.00	36.64 -3.06 0.00	34.49 -3.58 0.00	33.65 -3.65 0.01	32.39 -3.88 0.01	31.92 -3.99 0.01	34.31 -3.85 0.01	34.64 -4.02 0.01	36.23 -4.39 0.01	40.00 -4.85 0.01	45.67 -6.29 0.01	55.67 -5.78 0.00	53.05 -5.25 0.00	46.42 -5.39 0.01	41.82 -4.80 0.00	38.75 -4.45 0.01	36.80 -3.20 0.00	36.38 -2.95 0.00
LOCKPORT___CC2 323770	35.16 -4.39 0.01	33.75 -3.88 0.01	32.80 -3.89 0.01	32.15 -3.57 0.01	31.16 -2.86 0.00	31.74 -3.10 0.00	34.49 -3.00 0.00	36.64 -3.06 0.00	34.49 -3.58 0.00	33.65 -3.65 0.01	32.39 -3.88 0.01	31.92 -3.99 0.01	34.31 -3.85 0.01	34.64 -4.02 0.01	36.23 -4.39 0.01	40.00 -4.85 0.01	45.67 -6.29 0.01	55.67 -5.78 0.00	53.05 -5.25 0.00	46.42 -5.39 0.01	41.82 -4.80 0.00	38.75 -4.45 0.01	36.80 -3.20 0.00	36.38 -2.95 0.00
LOCKPORT___CC3 323771	35.16 -4.39 0.01	33.75 -3.88 0.01	32.80 -3.89 0.01	32.15 -3.57 0.01	31.16 -2.86 0.00	31.74 -3.10 0.00	34.49 -3.00 0.00	36.64 -3.06 0.00	34.49 -3.58 0.00	33.65 -3.65 0.01	32.39 -3.88 0.01	31.92 -3.99 0.01	34.31 -3.85 0.01	34.64 -4.02 0.01	36.23 -4.39 0.01	40.00 -4.85 0.01	45.67 -6.29 0.01	55.67 -5.78 0.00	53.05 -5.25 0.00	46.42 -5.39 0.01	41.82 -4.80 0.00	38.75 -4.45 0.01	36.80 -3.20 0.00	36.38 -2.95 0.00
LOCUSVLY_69_KV_BK2 55797	42.45 2.89 0.00	40.35 2.71 0.00	38.95 2.24 0.00	37.80 2.07 0.00	36.12 2.11 0.00	37.04 2.20 0.00	39.89 2.40 0.00	42.12 2.42 0.00	40.62 2.55 0.00	40.18 2.87 0.00	39.41 3.12 0.00	39.15 3.23 0.00	41.73 3.55 0.00	42.39 3.71 0.00	44.62 3.98 0.00	49.13 4.26 -0.01	56.93 4.94 -0.01	66.87 5.41 -0.01	63.38 5.07 -0.01	56.59 4.77 -0.01	53.26 4.34 -2.31	50.96 4.19 -3.56	43.72 3.72 0.00	42.76 3.42 0.00
LONG_LAKE_PHOENIX 24014	38.69 -0.87 0.00	36.81 -0.83 0.00	35.90 -0.81 0.00	35.01 -0.71 0.00	33.40 -0.61 0.00	34.18 -0.66 0.00	36.81 -0.67 0.00	39.02 -0.67 0.00	37.46 -0.61 0.00	36.71 -0.60 0.00	35.78 -0.51 0.00	35.34 -0.57 0.00	37.53 -0.65 0.00	37.98 -0.70 0.00	39.86 -0.77 0.00	44.01 -0.85 0.00	50.94 -1.04 0.00	60.47 -0.98 0.00	57.36 -0.93 0.00	50.88 -0.93 0.00	45.73 -0.89 0.00	42.31 -0.91 0.00	39.20 -0.80 0.00	38.51 -0.83 0.00
LOVETT___3 23632	41.54 1.98 0.00	39.45 1.81 0.00	38.43 1.73 0.00	37.34 1.61 0.00	35.65 1.63 0.00	36.58 1.74 0.00	39.29 1.80 0.00	41.52 1.83 0.00	39.97 1.90 0.00	39.40 2.09 0.00	38.32 2.03 0.00	38.07 2.16 0.00	40.58 2.41 0.00	41.19 2.51 0.00	43.32 2.68 0.00	47.73 2.87 0.00	55.46 3.48 0.00	65.20 3.75 0.00	61.79 3.50 0.00	55.13 3.32 0.00	49.60 2.98 0.00	46.11 2.90 0.00	42.52 2.52 0.00	41.58 2.24 0.00
LOVETT___4 23642	41.54 1.98 0.00	39.45 1.81 0.00	38.43 1.73 0.00	37.34 1.61 0.00	35.65 1.63 0.00	36.58 1.74 0.00	39.29 1.80 0.00	41.52 1.83 0.00	39.97 1.90 0.00	39.40 2.09 0.00	38.32 2.03 0.00	38.07 2.16 0.00	40.58 2.41 0.00	41.19 2.51 0.00	43.32 2.68 0.00	47.73 2.87 0.00	55.46 3.48 0.00	65.20 3.75 0.00	61.79 3.50 0.00	55.13 3.32 0.00	49.60 2.98 0.00	46.11 2.90 0.00	42.52 2.52 0.00	41.58 2.24 0.00
LOVETT___5 23593	41.54 1.98 0.00	39.45 1.81 0.00	38.43 1.73 0.00	37.34 1.61 0.00	35.65 1.63 0.00	36.58 1.74 0.00	39.29 1.80 0.00	41.52 1.83 0.00	39.97 1.90 0.00	39.40 2.09 0.00	38.32 2.03 0.00	38.07 2.16 0.00	40.58 2.41 0.00	41.19 2.51 0.00	43.32 2.68 0.00	47.73 2.87 0.00	55.46 3.48 0.00	65.20 3.75 0.00	61.79 3.50 0.00	55.13 3.32 0.00	49.60 2.98 0.00	46.11 2.90 0.00	42.52 2.52 0.00	41.58 2.24 0.00
LOWER RAQUET___HYD 24057	39.68 0.12 0.00	37.72 0.08 0.00	36.67 -0.04 0.00	35.66 -0.07 0.00	33.84 -0.17 0.00	34.56 -0.28 0.00	37.30 -0.19 0.00	39.50 -0.20 0.00	37.76 -0.31 0.00	36.79 -0.52 0.00	35.78 -0.51 0.00	35.42 -0.50 0.00	37.60 -0.57 0.00	38.02 -0.66 0.00	39.94 -0.69 0.00	43.96 -0.90 0.00	50.88 -1.09 0.00	59.97 -1.48 0.00	57.07 -1.23 0.00	51.04 -0.78 0.00	46.24 -0.37 0.00	42.92 -0.30 0.00	39.68 -0.32 0.00	39.06 -0.27 0.00
LOWER___HUDSON 24059	41.18 1.62 0.00	39.19 1.54 0.00	38.29 1.58 0.00	37.23 1.50 0.00	35.41 1.40 0.00	36.34 1.50 0.00	39.03 1.54 0.00	41.32 1.63 0.00	39.59 1.52 0.00	38.80 1.49 0.00	37.74 1.45 0.00	37.43 1.51 0.00	39.82 1.64 0.00	40.42 1.74 0.00	42.47 1.83 0.00	46.97 2.11 0.00	54.37 2.39 0.00	63.97 2.52 0.00	60.69 2.39 0.00	53.89 2.07 0.00	48.48 1.87 0.00	45.03 1.81 0.00	41.64 1.64 0.00	41.14 1.81 0.00
LOWVILLE_115KV_TB2 356335	39.68 0.12 0.00	37.61 -0.04 0.00	36.63 -0.07 0.00	35.73 0.00 0.00	33.88 -0.14 0.00	34.74 -0.10 0.00	37.41 -0.07 0.00	39.69 0.00 0.00	37.99 -0.08 0.00	37.01 -0.30 0.00	36.07 -0.22 0.00	35.67 -0.25 0.00	37.87 -0.31 0.00	38.25 -0.43 0.00	40.31 -0.33 0.00	44.54 -0.31 0.00	51.87 -0.10 0.00	61.69 0.25 0.00	58.64 0.35 0.00	52.28 0.47 0.00	46.99 0.37 0.00	43.48 0.26 0.00	40.20 0.20 0.00	39.49 0.16 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	41.66 2.10 0.00	39.64 2.00 0.00	38.65 1.95 0.00	37.62 1.89 0.00	35.78 1.77 0.00	36.72 1.88 0.00	39.44 1.95 0.00	41.76 2.06 0.00	40.01 1.94 0.00	39.14 1.83 0.00	38.10 1.81 0.00	37.75 1.83 0.00	40.16 1.99 0.00	40.77 2.09 0.00	42.87 2.23 0.00	47.55 2.69 0.00	55.15 3.17 0.00	65.07 3.63 0.00	61.68 3.38 0.00	54.77 2.95 0.00	49.27 2.66 0.00	45.77 2.55 0.00	42.28 2.28 0.00	41.66 2.32 0.00

LUTHERNY_35_KV_BK2 355980	41.66 2.10 0.00	39.64 2.00 0.00	38.69 1.98 0.00	37.62 1.89 0.00	35.82 1.80 0.00	36.76 1.92 0.00	39.47 1.99 0.00	41.80 2.10 0.00	40.05 1.98 0.00	39.17 1.87 0.00	38.14 1.85 0.00	37.79 1.87 0.00	40.16 1.99 0.00	40.77 2.09 0.00	42.91 2.28 0.00	47.55 2.69 0.00	55.20 3.22 0.00	65.14 3.69 0.00	61.73 3.44 0.00	54.77 2.95 0.00	49.32 2.70 0.00	45.77 2.55 0.00	42.28 2.28 0.00	41.69 2.36 0.00
LWR___OSWEGATCHIE_HYD 23850	39.40 -0.16 0.00	37.38 -0.26 0.00	36.41 -0.29 0.00	35.44 -0.29 0.00	33.61 -0.41 0.00	34.39 -0.45 0.00	36.96 -0.52 0.00	39.22 -0.48 0.00	37.54 -0.53 0.00	36.52 -0.78 0.00	35.67 -0.62 0.00	35.31 -0.61 0.00	37.45 -0.73 0.00	37.86 -0.81 0.00	39.82 -0.81 0.00	43.83 -1.03 0.00	50.89 -1.09 0.00	60.28 -1.17 0.00	57.36 -0.93 0.00	51.19 -0.62 0.00	46.20 -0.42 0.00	42.83 -0.39 0.00	39.68 -0.32 0.00	39.02 -0.31 0.00
LYONS_FALL_HYD 23570	39.88 0.32 0.00	37.83 0.19 0.00	36.86 0.15 0.00	35.94 0.22 0.00	34.12 0.10 0.00	34.98 0.14 0.00	37.68 0.19 0.00	39.97 0.28 0.00	38.30 0.23 0.00	37.38 0.07 0.00	36.43 0.15 0.00	36.06 0.14 0.00	38.29 0.11 0.00	38.72 0.04 0.00	40.76 0.12 0.00	45.04 0.18 0.00	52.39 0.41 0.00	62.25 0.80 0.00	59.05 0.76 0.00	52.59 0.78 0.00	47.22 0.60 0.00	43.74 0.52 0.00	40.44 0.44 0.00	39.73 0.39 0.00
MADISON___COUNTY_LFGE 323628	40.27 0.71 0.00	38.25 0.60 0.00	37.30 0.59 0.00	36.34 0.61 0.00	34.59 0.58 0.00	35.47 0.63 0.00	38.24 0.75 0.00	40.53 0.83 0.00	38.91 0.84 0.00	38.02 0.71 0.00	37.01 0.73 0.00	36.64 0.72 0.00	38.94 0.76 0.00	39.37 0.70 0.00	41.45 0.81 0.00	45.80 0.94 0.00	53.28 1.30 0.00	63.23 1.78 0.00	59.93 1.63 0.00	53.26 1.45 0.00	47.78 1.17 0.00	44.25 1.04 0.00	40.92 0.92 0.00	40.20 0.87 0.00
MALONE___115KV_TB1 356076	39.68 0.12 0.00	37.72 0.08 0.00	36.63 -0.07 0.00	35.51 -0.21 0.00	33.64 -0.37 0.00	34.28 -0.56 0.00	37.08 -0.41 0.00	39.26 -0.44 0.00	37.57 -0.49 0.00	36.52 -0.78 0.00	35.49 -0.80 0.00	35.09 -0.83 0.00	37.22 -0.95 0.00	37.63 -1.04 0.00	39.50 -1.14 0.00	43.60 -1.26 0.00	50.73 -1.25 0.00	59.73 -1.72 0.00	56.95 -1.34 0.00	50.72 -1.09 0.00	45.78 -0.84 0.00	42.35 -0.86 0.00	39.12 -0.88 0.00	38.47 -0.87 0.00
MAPLEWOD_115KV_TB3 80458	40.91 1.35 0.00	39.07 1.43 0.00	38.10 1.39 0.00	37.05 1.32 0.00	35.27 1.26 0.00	36.20 1.36 0.00	38.88 1.39 0.00	41.12 1.43 0.00	39.33 1.26 0.00	38.54 1.23 0.00	37.52 1.23 0.00	37.18 1.26 0.00	39.55 1.37 0.00	40.15 1.47 0.00	42.22 1.58 0.00	46.65 1.79 0.00	53.90 1.92 0.00	63.35 1.90 0.00	60.10 1.81 0.00	53.42 1.61 0.00	48.06 1.45 0.00	44.69 1.47 0.00	41.36 1.36 0.00	40.91 1.57 0.00
MAPLE_RIDGE_WT_1 323574	38.41 -1.15 0.00	36.55 -1.09 0.00	35.61 -1.10 0.00	34.62 -1.11 0.00	32.96 -1.05 0.00	33.76 -1.08 0.00	36.40 -1.09 0.00	38.58 -1.11 0.00	37.00 -1.07 0.00	36.26 -1.04 0.00	35.23 -1.05 0.00	34.84 -1.08 0.00	37.03 -1.14 0.00	37.52 -1.16 0.00	39.42 -1.22 0.00	43.51 -1.34 0.00	50.52 -1.46 0.00	59.66 -1.78 0.00	56.66 -1.63 0.00	50.36 -1.45 0.00	45.31 -1.30 0.00	42.01 -1.21 0.00	38.84 -1.16 0.00	38.19 -1.14 0.00
MAPLE_RIDGE_WT_2 323611	38.41 -1.15 0.00	36.55 -1.09 0.00	35.61 -1.10 0.00	34.62 -1.11 0.00	32.96 -1.05 0.00	33.76 -1.08 0.00	36.40 -1.09 0.00	38.58 -1.11 0.00	37.00 -1.07 0.00	36.26 -1.04 0.00	35.23 -1.05 0.00	34.84 -1.08 0.00	37.03 -1.14 0.00	37.52 -1.16 0.00	39.42 -1.22 0.00	43.51 -1.34 0.00	50.52 -1.46 0.00	59.66 -1.78 0.00	56.66 -1.63 0.00	50.36 -1.45 0.00	45.31 -1.30 0.00	42.01 -1.21 0.00	38.84 -1.16 0.00	38.19 -1.14 0.00
MARBLE_RIVER_WT_PWR 323696	39.33 -0.24 0.00	37.38 -0.26 0.00	36.30 -0.40 0.00	35.12 -0.61 0.00	33.27 -0.75 0.00	33.94 -0.91 0.00	36.59 -0.90 0.00	38.74 -0.95 0.00	37.04 -1.03 0.00	36.11 -1.20 0.00	35.02 -1.27 0.00	34.63 -1.29 0.00	36.72 -1.45 0.00	37.13 -1.55 0.00	39.01 -1.63 0.00	43.06 -1.80 0.00	50.06 -1.92 0.00	58.99 -2.46 0.00	56.08 -2.22 0.00	49.95 -1.86 0.00	45.03 -1.59 0.00	41.66 -1.55 0.00	38.56 -1.44 0.00	37.92 -1.41 0.00
MARSHVLE_115KV_TB1 80742	40.99 1.42 0.00	38.92 1.28 0.00	37.99 1.28 0.00	36.94 1.21 0.00	35.14 1.12 0.00	36.10 1.25 0.00	38.65 1.16 0.00	40.88 1.19 0.00	38.94 0.88 0.00	37.72 0.41 0.00	36.54 0.25 0.00	36.24 0.32 0.00	38.56 0.38 0.00	39.14 0.46 0.00	41.45 0.81 0.00	46.29 1.44 0.00	54.42 2.44 0.00	64.71 3.26 0.00	61.44 3.15 0.00	54.45 2.64 0.00	48.90 2.28 0.00	45.46 2.25 0.00	41.88 1.88 0.00	41.07 1.73 0.00
MARSH_HILL_WT_PWR 323713	34.81 -4.71 0.04	33.05 -4.56 0.04	32.23 -4.44 0.04	31.49 -4.22 0.02	30.34 -3.67 0.00	30.80 -4.04 0.00	33.55 -3.94 0.00	35.64 -4.05 0.00	33.81 -4.26 0.00	32.85 -4.44 0.02	31.86 -4.39 0.04	31.35 -4.53 0.04	33.44 -4.70 0.04	33.97 -4.68 0.03	35.60 -5.00 0.04	39.44 -5.38 0.04	45.81 -6.13 0.04	55.30 -6.14 0.00	52.64 -5.65 0.00	46.40 -5.39 0.02	41.72 -4.89 0.00	38.51 -4.67 0.04	36.12 -3.88 0.00	35.44 -3.89 0.00
MCINTYRE_115KV_TB2 80467	40.35 0.79 0.00	38.32 0.68 0.00	37.26 0.55 0.00	36.26 0.54 0.00	34.35 0.34 0.00	35.12 0.28 0.00	37.94 0.45 0.00	40.17 0.48 0.00	38.30 0.23 0.00	37.12 -0.19 0.00	36.03 -0.25 0.00	35.70 -0.22 0.00	37.87 -0.31 0.00	38.29 -0.39 0.00	40.27 -0.37 0.00	44.50 -0.36 0.00	51.93 -0.05 0.00	61.45 0.00 0.00	58.64 0.35 0.00	52.38 0.57 0.00	47.22 0.61 0.00	43.73 0.52 0.00	40.44 0.44 0.00	39.77 0.43 0.00
MECO_____69_KV_BK1 80468	41.74 2.18 0.00	39.68 2.03 0.00	38.69 1.98 0.00	37.62 1.89 0.00	35.78 1.77 0.00	36.76 1.92 0.00	39.44 1.95 0.00	41.72 2.02 0.00	39.67 1.60 0.00	38.35 1.04 0.00	37.09 0.80 0.00	36.74 0.83 0.00	39.09 0.92 0.00	39.76 1.08 0.00	42.14 1.50 0.00	47.19 2.33 0.00	55.51 3.53 0.00	65.93 4.49 0.00	62.67 4.37 0.00	55.54 3.73 0.00	49.83 3.22 0.00	46.28 3.07 0.00	42.64 2.64 0.00	41.85 2.52 0.00
MENANDS___115KV_TB5 355628	40.75 1.19 0.00	38.92 1.28 0.00	37.99 1.28 0.00	36.94 1.21 0.00	35.17 1.16 0.00	36.06 1.22 0.00	38.76 1.27 0.00	41.00 1.31 0.00	39.13 1.07 0.00	38.39 1.08 0.00	37.38 1.09 0.00	37.07 1.15 0.00	39.43 1.26 0.00	40.03 1.35 0.00	42.06 1.42 0.00	46.47 1.61 0.00	53.59 1.61 0.00	62.98 1.54 0.00	59.69 1.40 0.00	53.06 1.24 0.00	47.78 1.17 0.00	44.43 1.21 0.00	41.16 1.16 0.00	40.71 1.38 0.00
MG INDUSTRY___DRP 24185	40.71 1.15 0.00	38.89 1.24 0.00	37.92 1.21 0.00	36.91 1.18 0.00	35.10 1.09 0.00	36.03 1.18 0.00	38.69 1.20 0.00	40.88 1.19 0.00	39.06 0.99 0.00	38.24 0.93 0.00	37.20 0.91 0.00	36.85 0.93 0.00	39.21 1.03 0.00	39.80 1.12 0.00	41.90 1.26 0.00	46.34 1.48 0.00	53.59 1.61 0.00	63.11 1.66 0.00	59.81 1.52 0.00	53.21 1.40 0.00	47.87 1.26 0.00	44.56 1.34 0.00	41.24 1.24 0.00	40.67 1.34 0.00

MID___OSWEGATCHIE_HYD 23849	39.40 -0.16 0.00	37.38 -0.26 0.00	36.41 -0.29 0.00	35.44 -0.29 0.00	33.61 -0.41 0.00	34.39 -0.45 0.00	36.96 -0.52 0.00	39.22 -0.48 0.00	37.54 -0.53 0.00	36.52 -0.78 0.00	35.67 -0.62 0.00	35.31 -0.61 0.00	37.45 -0.73 0.00	37.86 -0.81 0.00	39.82 -0.81 0.00	43.83 -1.03 0.00	50.89 -1.09 0.00	60.28 -1.17 0.00	57.36 -0.93 0.00	51.19 -0.62 0.00	46.20 -0.42 0.00	42.83 -0.39 0.00	39.68 -0.32 0.00	39.02 -0.31 0.00
MID___RAQUETTE_HYD 23851	39.68 0.12 0.00	37.72 0.08 0.00	36.67 -0.04 0.00	35.69 -0.04 0.00	33.84 -0.17 0.00	34.56 -0.28 0.00	37.30 -0.19 0.00	39.50 -0.20 0.00	37.80 -0.27 0.00	36.79 -0.52 0.00	35.78 -0.51 0.00	35.42 -0.50 0.00	37.60 -0.57 0.00	38.02 -0.66 0.00	39.94 -0.69 0.00	43.96 -0.90 0.00	50.89 -1.09 0.00	59.97 -1.47 0.00	57.07 -1.22 0.00	51.04 -0.78 0.00	46.24 -0.37 0.00	42.91 -0.30 0.00	39.68 -0.32 0.00	39.06 -0.28 0.00
MILLIKEN___1 23584	39.79 0.20 -0.03	37.86 0.19 -0.03	36.85 0.11 -0.03	35.92 0.18 -0.02	34.29 0.27 0.00	35.09 0.24 0.00	37.86 0.37 0.00	40.21 0.52 0.00	38.56 0.49 0.00	37.70 0.37 -0.02	36.72 0.40 -0.03	36.24 0.29 -0.03	38.55 0.34 -0.03	39.01 0.31 -0.03	41.07 0.41 -0.03	45.38 0.49 -0.03	52.74 0.73 -0.03	62.74 1.29 0.00	59.52 1.22 0.00	52.81 0.98 -0.02	47.41 0.79 0.00	43.85 0.61 -0.03	40.52 0.52 0.00	39.77 0.43 0.00
MILLIKEN___2 23585	39.79 0.20 -0.03	37.86 0.19 -0.03	36.85 0.11 -0.03	35.92 0.18 -0.02	34.29 0.27 0.00	35.09 0.24 0.00	37.86 0.37 0.00	40.21 0.52 0.00	38.56 0.49 0.00	37.70 0.37 -0.02	36.72 0.40 -0.03	36.24 0.29 -0.03	38.55 0.34 -0.03	39.01 0.31 -0.03	41.07 0.41 -0.03	45.38 0.49 -0.03	52.74 0.73 -0.03	62.74 1.29 0.00	59.52 1.22 0.00	52.81 0.98 -0.02	47.41 0.79 0.00	43.85 0.61 -0.03	40.52 0.52 0.00	39.77 0.43 0.00
MILLIKEN___DIESEL 23629	39.79 0.20 -0.03	37.86 0.19 -0.03	36.85 0.11 -0.03	35.92 0.18 -0.02	34.29 0.27 0.00	35.09 0.24 0.00	37.86 0.37 0.00	40.21 0.52 0.00	38.56 0.49 0.00	37.70 0.37 -0.02	36.72 0.40 -0.03	36.24 0.29 -0.03	38.55 0.34 -0.03	39.01 0.31 -0.03	41.07 0.41 -0.03	45.38 0.49 -0.03	52.74 0.73 -0.03	62.74 1.29 0.00	59.52 1.22 0.00	52.81 0.98 -0.02	47.41 0.79 0.00	43.85 0.61 -0.03	40.52 0.52 0.00	39.77 0.43 0.00
MILLSEAT___LFGE 323607	35.99 -3.56 0.01	34.51 -3.12 0.01	33.46 -3.23 0.01	32.83 -2.89 0.01	31.77 -2.25 0.00	32.40 -2.44 0.00	35.20 -2.29 0.00	37.39 -2.30 0.00	35.29 -2.78 0.00	34.35 -2.95 0.01	33.12 -3.16 0.01	32.64 -3.27 0.01	35.11 -3.06 0.01	35.42 -3.25 0.01	37.13 -3.49 0.01	41.08 -3.77 0.01	47.03 -4.94 0.01	57.46 -3.99 0.00	54.74 -3.56 0.00	47.87 -3.94 0.01	43.12 -3.50 0.00	39.88 -3.33 0.01	37.72 -2.28 0.00	37.21 -2.12 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	41.58 2.02 0.00	39.49 1.84 0.00	38.47 1.76 0.00	37.37 1.64 0.00	35.68 1.67 0.00	36.62 1.78 0.00	39.32 1.84 0.00	41.56 1.87 0.00	40.01 1.94 0.00	39.43 2.13 0.00	38.36 2.07 0.00	38.11 2.19 0.00	40.62 2.44 0.00	41.23 2.55 0.00	43.36 2.72 0.00	47.82 2.96 0.00	55.51 3.53 0.00	65.26 3.81 0.00	61.85 3.56 0.00	55.18 3.37 0.00	49.65 3.03 0.00	46.20 2.98 0.00	42.56 2.56 0.00	41.66 2.32 0.00
MILLWOOD_13_KV_LOAD 356217	41.66 2.10 0.00	39.56 1.92 0.00	38.54 1.84 0.00	37.44 1.71 0.00	35.75 1.73 0.00	36.69 1.85 0.00	39.40 1.91 0.00	41.60 1.91 0.00	40.09 2.02 0.00	39.47 2.16 0.00	38.39 2.10 0.00	38.15 2.23 0.00	40.66 2.48 0.00	41.31 2.63 0.00	43.44 2.80 0.00	47.86 3.01 0.00	55.62 3.64 0.00	65.44 3.99 0.00	61.97 3.67 0.00	55.28 3.47 0.00	49.79 3.17 0.00	46.28 3.07 0.00	42.64 2.64 0.00	41.69 2.36 0.00
MODEL_CITY_ENERGY 24167	35.00 -4.55 0.01	33.64 -3.99 0.01	32.69 -4.00 0.01	32.00 -3.72 0.01	31.05 -2.96 0.00	31.64 -3.20 0.00	34.38 -3.11 0.00	36.48 -3.21 0.00	34.23 -3.84 0.00	33.35 -3.96 0.01	32.10 -4.17 0.01	31.63 -4.28 0.01	34.00 -4.16 0.01	34.33 -4.33 0.01	35.87 -4.75 0.01	39.64 -5.20 0.01	45.21 -6.76 0.01	55.12 -6.33 0.00	52.52 -5.77 0.00	45.90 -5.91 0.01	41.35 -5.27 0.00	38.36 -4.84 0.01	36.48 -3.52 0.00	36.23 -3.11 0.00
MODERN_LFGE___ 323580	35.00 -4.55 0.01	33.64 -3.99 0.01	32.69 -4.00 0.01	32.00 -3.72 0.01	31.05 -2.96 0.00	31.64 -3.20 0.00	34.38 -3.11 0.00	36.48 -3.21 0.00	34.23 -3.84 0.00	33.35 -3.96 0.01	32.10 -4.17 0.01	31.63 -4.28 0.01	34.00 -4.16 0.01	34.33 -4.33 0.01	35.87 -4.75 0.01	39.64 -5.20 0.01	45.21 -6.76 0.01	55.12 -6.33 0.00	52.52 -5.77 0.00	45.90 -5.91 0.01	41.35 -5.27 0.00	38.36 -4.84 0.01	36.48 -3.52 0.00	36.23 -3.11 0.00
MOHAWK_PAPER___DRP 24187	40.91 1.35 0.00	39.07 1.43 0.00	38.10 1.39 0.00	37.05 1.32 0.00	35.27 1.26 0.00	36.20 1.36 0.00	38.88 1.39 0.00	41.12 1.43 0.00	39.33 1.26 0.00	38.54 1.23 0.00	37.52 1.23 0.00	37.18 1.26 0.00	39.55 1.37 0.00	40.15 1.47 0.00	42.22 1.58 0.00	46.65 1.79 0.00	53.90 1.92 0.00	63.35 1.90 0.00	60.10 1.81 0.00	53.42 1.61 0.00	48.06 1.45 0.00	44.69 1.47 0.00	41.36 1.36 0.00	40.91 1.57 0.00
MOHICAN___35_KV_115KV_LD 80490	42.13 2.57 0.00	40.09 2.45 0.00	39.09 2.39 0.00	38.01 2.29 0.00	36.19 2.18 0.00	37.18 2.33 0.00	39.92 2.44 0.00	42.27 2.58 0.00	40.51 2.44 0.00	39.58 2.28 0.00	38.54 2.25 0.00	38.18 2.26 0.00	40.58 2.41 0.00	41.15 2.48 0.00	43.32 2.68 0.00	48.09 3.23 0.00	55.88 3.90 0.00	66.06 4.61 0.00	62.61 4.31 0.00	55.49 3.68 0.00	50.02 3.40 0.00	46.41 3.20 0.00	42.84 2.84 0.00	42.21 2.87 0.00
MONGAUP___HYD 23641	41.46 1.90 0.00	39.30 1.65 0.00	38.40 1.69 0.00	37.30 1.57 0.00	35.51 1.49 0.00	36.45 1.60 0.00	39.18 1.69 0.00	41.28 1.59 0.00	39.74 1.67 0.00	38.91 1.60 0.00	37.85 1.56 0.00	37.54 1.62 0.00	40.01 1.83 0.00	40.69 2.01 0.00	42.75 2.11 0.00	47.19 2.33 0.00	54.99 3.01 0.00	64.95 3.50 0.00	61.62 3.32 0.00	54.92 3.11 0.00	49.32 2.70 0.00	45.90 2.68 0.00	42.24 2.24 0.00	41.42 2.08 0.00
MONTAUK___DIESEL 23721	43.00 3.44 0.00	40.88 3.24 0.00	39.06 2.35 0.00	37.87 2.14 0.00	36.19 2.18 0.00	37.14 2.30 0.00	39.92 2.44 0.00	42.35 2.66 0.00	41.23 3.16 0.00	41.30 3.99 0.00	40.97 4.68 0.00	40.66 4.74 0.00	43.18 5.00 0.00	43.71 5.03 0.00	45.92 5.28 0.00	50.83 5.97 -0.01	63.15 7.17 -4.00	69.48 7.99 -0.05	68.02 7.64 -2.09	64.13 6.74 -5.58	54.24 5.31 -2.31	51.23 4.49 -3.52	43.60 3.60 0.00	42.99 3.66 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	34.28 -5.26 0.02	32.69 -4.93 0.02	31.81 -4.88 0.02	31.15 -4.57 0.01	29.86 -4.15 0.00	30.28 -4.56 0.00	33.06 -4.42 0.00	35.09 -4.60 0.00	33.27 -4.80 0.00	32.56 -4.74 0.01	31.48 -4.79 0.02	31.20 -4.71 0.02	33.23 -4.92 0.02	33.60 -5.07 0.02	35.17 -5.45 0.02	38.96 -5.88 0.02	44.79 -7.17 0.02	56.29 -5.16 0.00	53.57 -4.72 0.00	47.09 -4.71 0.01	40.93 -5.69 0.00	37.80 -5.40 0.02	35.40 -4.60 0.00	35.20 -4.13 0.00

MORRIS_RIDGE___SOLAR 323848	35.22 -4.31 0.03	33.51 -4.10 0.03	32.72 -3.97 0.03	32.03 -3.68 0.01	30.82 -3.20 0.00	31.39 -3.45 0.00	34.15 -3.34 0.00	36.24 -3.45 0.00	34.30 -3.77 0.00	33.38 -3.92 0.01	32.38 -3.88 0.03	31.90 -3.99 0.03	34.06 -4.08 0.03	34.55 -4.10 0.02	36.14 -4.47 0.03	40.03 -4.80 0.03	46.29 -5.66 0.03	55.92 -5.53 0.00	53.22 -5.07 0.00	46.82 -4.97 0.01	42.09 -4.52 0.00	38.96 -4.23 0.03	36.64 -3.36 0.00	36.03 -3.30 0.00
MORTIMER_115KV_TB3 55949	37.30 -2.26 0.01	35.45 -2.18 0.01	34.72 -1.98 0.01	34.01 -1.71 0.00	32.52 -1.50 0.00	33.20 -1.64 0.00	35.88 -1.61 0.00	38.15 -1.55 0.00	36.39 -1.68 0.00	35.62 -1.68 0.00	34.43 -1.85 0.01	33.93 -1.98 0.01	36.45 -1.72 0.01	37.05 -1.62 0.01	38.60 -2.03 0.01	42.56 -2.29 0.01	48.96 -3.01 0.01	59.36 -2.09 0.00	56.37 -1.92 0.00	49.53 -2.28 0.00	44.61 -2.00 0.00	41.18 -2.03 0.01	38.32 -1.68 0.00	37.84 -1.49 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	41.90 2.33 0.00	39.83 2.18 0.00	38.69 1.98 0.00	37.51 1.79 0.00	35.88 1.87 0.00	36.83 1.99 0.00	39.55 2.06 0.00	41.80 2.10 0.00	40.24 2.17 0.00	39.70 2.39 0.00	38.65 2.36 0.00	38.40 2.48 0.00	40.92 2.75 0.00	41.58 2.90 0.00	43.72 3.09 0.00	48.13 3.27 0.00	55.93 3.95 0.00	65.63 4.18 0.00	62.20 3.91 0.00	55.54 3.73 0.00	49.97 3.36 0.00	46.50 3.28 0.00	42.88 2.88 0.00	41.89 2.56 0.00
MUNSVILLE_WIND_PWR 323609	41.12 1.54 -0.02	38.75 1.09 -0.02	37.75 1.03 -0.02	36.77 1.04 -0.01	34.90 0.88 0.00	35.78 0.94 0.00	38.72 1.24 0.00	41.24 1.55 0.00	39.59 1.52 0.00	38.62 1.31 -0.01	37.61 1.30 -0.02	37.19 1.26 -0.02	39.45 1.26 -0.02	39.74 1.04 -0.01	41.95 1.30 -0.02	46.49 1.61 -0.02	54.54 2.55 -0.02	65.50 4.05 0.00	62.03 3.73 0.00	55.19 3.37 -0.01	49.27 2.66 0.00	45.22 1.99 -0.02	41.76 1.76 0.00	40.95 1.61 0.00
N SALMON___HYD 24042	39.68 0.12 0.00	37.72 0.08 0.00	36.63 -0.07 0.00	35.48 -0.25 0.00	33.64 -0.37 0.00	34.28 -0.56 0.00	37.08 -0.41 0.00	39.26 -0.44 0.00	37.57 -0.50 0.00	36.52 -0.79 0.00	35.49 -0.80 0.00	35.09 -0.82 0.00	37.22 -0.95 0.00	37.63 -1.04 0.00	39.50 -1.14 0.00	43.65 -1.21 0.00	50.73 -1.25 0.00	59.73 -1.72 0.00	56.96 -1.34 0.00	50.72 -1.09 0.00	45.78 -0.84 0.00	42.35 -0.86 0.00	39.08 -0.92 0.00	38.47 -0.87 0.00
N.AKRON__115KV_KNAPP 355671	36.23 -3.32 0.01	34.51 -3.12 0.01	33.80 -2.90 0.01	33.15 -2.57 0.01	31.77 -2.24 0.00	32.37 -2.47 0.00	35.13 -2.36 0.00	37.35 -2.34 0.00	35.18 -2.89 0.00	34.28 -3.02 0.01	33.05 -3.23 0.01	32.57 -3.34 0.01	34.99 -3.17 0.01	35.61 -3.06 0.01	37.01 -3.62 0.01	40.90 -3.95 0.01	46.87 -5.09 0.01	57.21 -4.24 0.00	54.51 -3.79 0.00	47.71 -4.09 0.01	42.98 -3.64 0.00	39.70 -3.50 0.01	37.20 -2.80 0.00	37.13 -2.20 0.00
N.E._GEN_SANDY PD 24062	55.60 1.74 -14.30	54.32 1.65 -15.02	51.17 1.69 -12.77	52.00 1.64 -14.63	49.63 1.53 -14.08	51.20 1.60 -14.75	66.80 1.69 -27.62	70.20 1.74 -28.76	65.78 1.64 -26.08	52.70 1.64 -13.75	47.80 1.59 -9.92	46.67 1.65 -9.10	49.00 1.79 -9.03	51.90 1.89 -11.33	62.20 1.99 -19.57	72.36 2.24 -25.26	92.14 2.44 -37.72	97.00 2.52 -33.03	91.17 2.33 -30.54	83.00 2.13 -29.06	77.59 1.91 -29.06	62.90 1.86 -17.83	57.60 1.64 -15.96	51.10 1.89 -9.88
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	41.54 1.98 0.00	39.45 1.81 0.00	38.47 1.76 0.00	37.34 1.61 0.00	35.68 1.67 0.00	36.62 1.78 0.00	39.32 1.84 0.00	41.52 1.83 0.00	40.01 1.94 0.00	39.40 2.09 0.00	38.32 2.03 0.00	38.07 2.16 0.00	40.58 2.41 0.00	41.19 2.51 0.00	43.32 2.68 0.00	47.73 2.87 0.00	55.46 3.48 0.00	65.26 3.81 0.00	61.85 3.56 0.00	55.18 3.37 0.00	49.65 3.03 0.00	46.16 2.94 0.00	42.56 2.56 0.00	41.62 2.28 0.00
N.QUEENS_27_KV_LOAD 356247	42.09 2.53 0.00	39.79 2.15 0.00	38.80 2.09 0.00	37.51 1.79 0.00	36.12 2.11 0.00	36.76 1.92 0.00	39.32 1.84 0.00	41.56 1.87 0.00	40.09 2.02 0.00	39.66 2.35 0.00	38.47 2.18 0.00	38.36 2.44 0.00	40.89 2.71 0.00	41.54 2.86 0.00	43.64 3.01 0.00	47.86 3.01 0.00	55.51 3.53 0.00	65.01 3.56 0.00	61.56 3.26 0.00	55.18 3.37 0.00	49.65 3.03 0.00	46.24 3.03 0.00	42.64 2.64 0.00	41.66 2.32 0.00
N.TROY___115KV_TB1 355778	41.14 1.58 0.00	39.22 1.58 0.00	38.25 1.54 0.00	37.19 1.46 0.00	35.41 1.39 0.00	36.34 1.50 0.00	39.03 1.54 0.00	41.32 1.63 0.00	39.59 1.52 0.00	38.80 1.49 0.00	37.74 1.45 0.00	37.43 1.51 0.00	39.82 1.64 0.00	40.38 1.70 0.00	42.46 1.83 0.00	46.97 2.11 0.00	54.37 2.39 0.00	63.97 2.52 0.00	60.68 2.39 0.00	53.88 2.07 0.00	48.48 1.86 0.00	45.03 1.82 0.00	41.64 1.64 0.00	41.14 1.81 0.00
NARROWS_GT1_1 24228	42.46 2.89 -0.01	40.17 2.52 -0.01	39.21 2.50 0.00	37.98 2.25 0.00	36.22 2.21 0.00	37.11 2.26 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.06 0.00	41.93 3.25 0.00	44.01 3.37 0.00	48.40 3.54 0.00	56.08 4.11 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.17 3.16 -0.01	42.29 2.95 -0.01
NARROWS_GT1_2 24229	42.46 2.89 -0.01	40.17 2.52 -0.01	39.21 2.50 0.00	37.98 2.25 0.00	36.22 2.21 0.00	37.11 2.26 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.06 0.00	41.93 3.25 0.00	44.01 3.37 0.00	48.40 3.54 0.00	56.08 4.11 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.17 3.16 -0.01	42.29 2.95 -0.01
NARROWS_GT1_3 24230	42.46 2.89 -0.01	40.17 2.52 -0.01	39.21 2.50 0.00	37.98 2.25 0.00	36.22 2.21 0.00	37.11 2.26 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.06 0.00	41.93 3.25 0.00	44.01 3.37 0.00	48.40 3.54 0.00	56.08 4.11 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.17 3.16 -0.01	42.29 2.95 -0.01
NARROWS_GT1_4 24231	42.46 2.89 -0.01	40.17 2.52 -0.01	39.21 2.50 0.00	37.98 2.25 0.00	36.22 2.21 0.00	37.11 2.26 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.06 0.00	41.93 3.25 0.00	44.01 3.37 0.00	48.40 3.54 0.00	56.08 4.11 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.17 3.16 -0.01	42.29 2.95 -0.01
NARROWS_GT1_5 24232	42.46 2.89 -0.01	40.17 2.52 -0.01	39.21 2.50 0.00	37.98 2.25 0.00	36.22 2.21 0.00	37.11 2.26 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.06 0.00	41.93 3.25 0.00	44.01 3.37 0.00	48.40 3.54 0.00	56.08 4.11 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.17 3.16 -0.01	42.29 2.95 -0.01

NARROWS_GT1_6 24233	42.46 2.89 -0.01	40.17 2.52 -0.01	39.21 2.50 0.00	37.98 2.25 0.00	36.22 2.21 0.00	37.11 2.26 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.06 0.00	41.93 3.25 0.00	44.01 3.37 0.00	48.40 3.54 0.00	56.08 4.11 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.17 3.16 -0.01	42.29 2.95 -0.01
NARROWS_GT1_7 24234	42.46 2.89 -0.01	40.17 2.52 -0.01	39.21 2.50 0.00	37.98 2.25 0.00	36.22 2.21 0.00	37.11 2.26 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.06 0.00	41.93 3.25 0.00	44.01 3.37 0.00	48.40 3.54 0.00	56.08 4.11 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.17 3.16 -0.01	42.29 2.95 -0.01
NARROWS_GT1_8 24235	42.46 2.89 -0.01	40.17 2.52 -0.01	39.21 2.50 0.00	37.98 2.25 0.00	36.22 2.21 0.00	37.11 2.26 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.06 0.00	41.93 3.25 0.00	44.01 3.37 0.00	48.40 3.54 0.00	56.08 4.11 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.17 3.16 -0.01	42.29 2.95 -0.01
NARROWS_GT2_1 24236	42.46 2.89 -0.01	40.17 2.52 -0.01	39.21 2.50 0.00	37.98 2.25 0.00	36.22 2.21 0.00	37.11 2.26 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.06 0.00	41.93 3.25 0.00	44.01 3.37 0.00	48.40 3.54 0.00	56.08 4.11 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.17 3.16 -0.01	42.29 2.95 -0.01
NARROWS_GT2_2 24237	42.46 2.89 -0.01	40.17 2.52 -0.01	39.21 2.50 0.00	37.98 2.25 0.00	36.22 2.21 0.00	37.11 2.26 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.06 0.00	41.93 3.25 0.00	44.01 3.37 0.00	48.40 3.54 0.00	56.08 4.11 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.17 3.16 -0.01	42.29 2.95 -0.01
NARROWS_GT2_3 24238	42.46 2.89 -0.01	40.17 2.52 -0.01	39.21 2.50 0.00	37.98 2.25 0.00	36.22 2.21 0.00	37.11 2.26 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.06 0.00	41.93 3.25 0.00	44.01 3.37 0.00	48.40 3.54 0.00	56.08 4.11 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.17 3.16 -0.01	42.29 2.95 -0.01
NARROWS_GT2_4 24239	42.46 2.89 -0.01	40.17 2.52 -0.01	39.21 2.50 0.00	37.98 2.25 0.00	36.22 2.21 0.00	37.11 2.26 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.06 0.00	41.93 3.25 0.00	44.01 3.37 0.00	48.40 3.54 0.00	56.08 4.11 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.17 3.16 -0.01	42.29 2.95 -0.01
NARROWS_GT2_5 24240	42.46 2.89 -0.01	40.17 2.52 -0.01	39.21 2.50 0.00	37.98 2.25 0.00	36.22 2.21 0.00	37.11 2.26 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.06 0.00	41.93 3.25 0.00	44.01 3.37 0.00	48.40 3.54 0.00	56.08 4.11 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.17 3.16 -0.01	42.29 2.95 -0.01
NARROWS_GT2_6 24241	42.46 2.89 -0.01	40.17 2.52 -0.01	39.21 2.50 0.00	37.98 2.25 0.00	36.22 2.21 0.00	37.11 2.26 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.06 0.00	41.93 3.25 0.00	44.01 3.37 0.00	48.40 3.54 0.00	56.08 4.11 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.17 3.16 -0.01	42.29 2.95 -0.01
NARROWS_GT2_7 24242	42.46 2.89 -0.01	40.17 2.52 -0.01	39.21 2.50 0.00	37.98 2.25 0.00	36.22 2.21 0.00	37.11 2.26 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.06 0.00	41.93 3.25 0.00	44.01 3.37 0.00	48.40 3.54 0.00	56.08 4.11 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.17 3.16 -0.01	42.29 2.95 -0.01
NARROWS_GT2_8 24243	42.46 2.89 -0.01	40.17 2.52 -0.01	39.21 2.50 0.00	37.98 2.25 0.00	36.22 2.21 0.00	37.11 2.26 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.06 0.00	41.93 3.25 0.00	44.01 3.37 0.00	48.40 3.54 0.00	56.08 4.11 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.17 3.16 -0.01	42.29 2.95 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	41.03 1.46 0.00	39.19 1.54 0.00	38.25 1.54 0.00	37.16 1.43 0.00	35.37 1.36 0.00	36.27 1.43 0.00	38.99 1.50 0.00	41.08 1.39 0.00	39.25 1.18 0.00	38.24 0.93 0.00	37.16 0.87 0.00	36.78 0.86 0.00	39.17 0.99 0.00	39.80 1.12 0.00	41.94 1.30 0.00	46.47 1.61 0.00	53.90 1.92 0.00	63.72 2.27 0.00	60.39 2.10 0.00	53.63 1.81 0.00	48.20 1.58 0.00	44.95 1.73 0.00	41.60 1.60 0.00	41.03 1.69 0.00
NCHELSEA_115KV_TR2 355582	41.62 2.06 0.00	39.52 1.88 0.00	38.54 1.84 0.00	37.41 1.68 0.00	35.71 1.70 0.00	36.65 1.81 0.00	39.36 1.87 0.00	41.52 1.83 0.00	40.01 1.94 0.00	39.29 1.98 0.00	38.21 1.92 0.00	37.93 2.01 0.00	40.50 2.33 0.00	41.11 2.44 0.00	43.24 2.60 0.00	47.73 2.87 0.00	55.46 3.48 0.00	65.32 3.87 0.00	61.91 3.61 0.00	55.18 3.37 0.00	49.60 2.98 0.00	46.16 2.94 0.00	42.56 2.56 0.00	41.66 2.32 0.00
NEG CAPITAL___MECHNVIL 23645	41.70 2.13 0.00	39.67 2.03 0.00	38.73 2.02 0.00	37.66 1.93 0.00	35.82 1.80 0.00	36.76 1.92 0.00	39.47 1.99 0.00	41.80 2.10 0.00	40.05 1.98 0.00	39.21 1.90 0.00	38.17 1.89 0.00	37.82 1.90 0.00	40.24 2.06 0.00	40.84 2.16 0.00	42.95 2.32 0.00	47.60 2.74 0.00	55.20 3.22 0.00	65.14 3.69 0.00	61.79 3.50 0.00	54.82 3.00 0.00	49.32 2.70 0.00	45.77 2.55 0.00	42.28 2.28 0.00	41.69 2.36 0.00
NEG CENTRAL_HIGH_ACRES 23767	36.79 -2.77 0.00	35.19 -2.45 0.00	34.10 -2.61 0.00	33.37 -2.36 0.00	32.14 -1.87 0.00	32.86 -1.98 0.00	35.50 -1.99 0.00	37.71 -1.98 0.00	36.13 -1.94 0.00	35.33 -1.98 0.00	34.25 -2.03 0.00	33.80 -2.12 0.00	36.23 -1.95 0.00	36.58 -2.09 0.00	38.40 -2.23 0.00	42.43 -2.42 0.00	48.86 -3.12 0.00	58.81 -2.64 0.00	55.79 -2.50 0.00	49.11 -2.70 0.00	44.19 -2.43 0.00	40.84 -2.38 0.00	38.12 -1.88 0.00	37.37 -1.97 0.00

NEG CENTRAL___DRP 24199	38.69 -0.87 0.00	36.81 -0.83 0.00	35.90 -0.81 0.00	35.05 -0.68 0.00	33.47 -0.54 0.00	34.25 -0.59 0.00	36.96 -0.52 0.00	39.22 -0.48 0.00	37.61 -0.46 0.00	36.82 -0.49 0.00	35.82 -0.47 0.00	35.34 -0.57 0.00	37.68 -0.50 0.00	38.21 -0.46 0.00	40.07 -0.57 0.00	44.23 -0.63 0.00	51.15 -0.83 0.00	61.14 -0.31 0.00	58.00 -0.29 0.00	51.29 -0.52 0.00	46.10 -0.51 0.00	42.61 -0.61 0.00	39.48 -0.52 0.00	38.78 -0.55 0.00
NEG CENTRAL___INDECK 23768	37.20 -2.33 0.02	35.55 -2.07 0.02	34.44 -2.24 0.02	33.75 -1.97 0.01	32.59 -1.43 0.00	33.24 -1.60 0.00	36.06 -1.42 0.00	38.39 -1.31 0.00	36.47 -1.60 0.00	35.35 -1.94 0.01	34.12 -2.14 0.02	33.52 -2.37 0.02	35.98 -2.17 0.02	36.41 -2.24 0.02	38.25 -2.36 0.02	42.46 -2.38 0.02	49.15 -2.81 0.02	59.97 -1.48 0.00	57.25 -1.05 0.00	50.25 -1.55 0.01	45.26 -1.35 0.00	41.68 -1.51 0.02	39.00 -1.00 0.00	38.19 -1.14 0.00
NEG CENTRAL___SENECA 23627	38.33 -1.23 0.00	36.44 -1.20 0.00	35.57 -1.14 0.00	34.76 -0.96 0.00	33.20 -0.82 0.00	33.97 -0.87 0.00	36.66 -0.82 0.00	38.98 -0.71 0.00	37.35 -0.72 0.00	36.52 -0.78 0.00	35.52 -0.76 0.00	35.02 -0.90 0.00	37.45 -0.73 0.00	37.94 -0.73 0.00	39.74 -0.89 0.00	43.87 -0.99 0.00	50.68 -1.30 0.00	60.83 -0.61 0.00	57.71 -0.58 0.00	50.93 -0.88 0.00	45.78 -0.84 0.00	42.26 -0.95 0.00	39.20 -0.80 0.00	38.55 -0.79 0.00
NEG CENTRAL___STATE_STREET 24147	39.17 -0.40 -0.01	37.27 -0.38 -0.01	36.35 -0.37 -0.01	35.45 -0.29 0.00	33.81 -0.20 0.00	34.60 -0.24 0.00	37.34 -0.15 0.00	39.65 -0.04 0.00	38.03 -0.04 0.00	37.24 -0.07 0.00	36.26 -0.04 -0.01	35.78 -0.14 -0.01	38.10 -0.08 -0.01	38.60 -0.08 0.00	40.56 -0.08 -0.01	44.77 -0.09 -0.01	51.93 -0.05 -0.01	61.88 0.43 0.00	58.70 0.41 0.00	51.97 0.16 0.00	46.71 0.09 0.00	43.18 -0.04 -0.01	39.96 -0.04 0.00	39.18 -0.16 0.00
NEG MILLWOOD___DRP 24198	41.74 2.18 0.00	39.68 2.03 0.00	38.65 1.95 0.00	37.55 1.82 0.00	35.82 1.80 0.00	36.76 1.92 0.00	39.51 2.02 0.00	41.64 1.95 0.00	40.16 2.09 0.00	39.43 2.13 0.00	38.36 2.07 0.00	38.11 2.19 0.00	40.66 2.48 0.00	41.27 2.59 0.00	43.44 2.80 0.00	47.95 3.10 0.00	55.72 3.74 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.44 3.63 0.00	49.93 3.31 0.00	46.41 3.20 0.00	42.72 2.72 0.00	41.81 2.48 0.00
NEG NORTH_FLCN_SEA 23793	39.52 -0.04 0.00	37.57 -0.08 0.00	36.45 -0.26 0.00	35.30 -0.43 0.00	33.40 -0.61 0.00	34.08 -0.77 0.00	36.74 -0.75 0.00	38.90 -0.79 0.00	37.19 -0.88 0.00	36.23 -1.08 0.00	35.16 -1.12 0.00	34.73 -1.19 0.00	36.84 -1.34 0.00	37.25 -1.43 0.00	39.13 -1.50 0.00	43.20 -1.66 0.00	50.26 -1.72 0.00	59.24 -2.21 0.00	56.37 -1.92 0.00	50.15 -1.66 0.00	45.22 -1.40 0.00	41.83 -1.38 0.00	38.68 -1.32 0.00	38.08 -1.26 0.00
NEG NORTH_KES_CHATEGAY 23792	39.40 -0.16 0.00	37.42 -0.23 0.00	36.34 -0.37 0.00	35.16 -0.57 0.00	33.27 -0.75 0.00	33.94 -0.91 0.00	36.63 -0.86 0.00	38.74 -0.95 0.00	37.08 -0.99 0.00	36.08 -1.23 0.00	34.98 -1.31 0.00	34.55 -1.36 0.00	36.65 -1.53 0.00	37.09 -1.59 0.00	38.93 -1.71 0.00	43.02 -1.84 0.00	50.06 -1.92 0.00	58.99 -2.46 0.00	56.20 -2.10 0.00	50.00 -1.81 0.00	45.08 -1.54 0.00	41.70 -1.51 0.00	38.56 -1.44 0.00	37.96 -1.38 0.00
NEG NORTH___ALICE_FALLS 23915	39.60 0.04 0.00	37.64 0.00 0.00	36.52 -0.18 0.00	35.41 -0.32 0.00	33.47 -0.54 0.00	34.14 -0.70 0.00	36.85 -0.64 0.00	39.02 -0.67 0.00	37.31 -0.76 0.00	36.30 -1.01 0.00	35.24 -1.05 0.00	34.81 -1.11 0.00	36.92 -1.26 0.00	37.32 -1.35 0.00	39.21 -1.42 0.00	43.33 -1.53 0.00	50.47 -1.51 0.00	59.48 -1.97 0.00	56.66 -1.63 0.00	50.41 -1.40 0.00	45.45 -1.17 0.00	42.01 -1.21 0.00	38.80 -1.20 0.00	38.19 -1.14 0.00
NEG NORTH___LWR_SARANAC 23913	39.60 0.04 0.00	37.64 0.00 0.00	36.52 -0.18 0.00	35.41 -0.32 0.00	33.47 -0.54 0.00	34.14 -0.70 0.00	36.85 -0.64 0.00	39.02 -0.67 0.00	37.31 -0.76 0.00	36.30 -1.01 0.00	35.24 -1.05 0.00	34.81 -1.11 0.00	36.92 -1.26 0.00	37.32 -1.35 0.00	39.21 -1.42 0.00	43.33 -1.53 0.00	50.47 -1.51 0.00	59.48 -1.97 0.00	56.66 -1.63 0.00	50.41 -1.40 0.00	45.45 -1.17 0.00	42.01 -1.21 0.00	38.80 -1.20 0.00	38.19 -1.14 0.00
NEG NORTH___PLATTSBURG 23628	39.60 0.04 0.00	37.64 0.00 0.00	36.56 -0.15 0.00	35.37 -0.36 0.00	33.47 -0.55 0.00	34.15 -0.70 0.00	36.85 -0.64 0.00	39.02 -0.68 0.00	37.31 -0.76 0.00	36.30 -1.01 0.00	35.23 -1.05 0.00	34.80 -1.11 0.00	36.92 -1.26 0.00	37.36 -1.32 0.00	39.21 -1.42 0.00	43.33 -1.53 0.00	50.47 -1.51 0.00	59.48 -1.97 0.00	56.66 -1.63 0.00	50.42 -1.40 0.00	45.45 -1.16 0.00	42.01 -1.21 0.00	38.80 -1.20 0.00	38.19 -1.14 0.00
NEG WEST_LEA_LOCKPORT 23791	35.47 -4.07 0.01	33.79 -3.84 0.01	33.17 -3.52 0.01	32.51 -3.22 0.01	31.19 -2.82 0.00	31.74 -3.10 0.00	34.49 -3.00 0.00	36.64 -3.06 0.00	34.45 -3.62 0.00	33.64 -3.66 0.01	32.39 -3.88 0.01	31.95 -3.95 0.01	34.31 -3.86 0.01	34.91 -3.75 0.01	36.23 -4.39 0.01	39.96 -4.89 0.01	45.68 -6.29 0.01	55.67 -5.78 0.00	53.05 -5.25 0.00	46.42 -5.39 0.01	41.81 -4.80 0.00	38.71 -4.49 0.01	36.36 -3.64 0.00	36.38 -2.95 0.00
NEG WEST___LANCASTR 23811	36.02 -3.52 0.02	34.39 -3.24 0.02	33.17 -3.52 0.02	32.40 -3.32 0.01	31.16 -2.86 0.00	31.67 -3.17 0.00	34.49 -3.00 0.00	36.64 -3.06 0.00	34.68 -3.39 0.00	33.94 -3.36 0.01	33.26 -3.01 0.02	33.21 -2.69 0.02	34.95 -3.21 0.02	35.30 -3.36 0.02	37.61 -3.01 0.02	41.75 -3.10 0.02	47.91 -4.05 0.02	56.47 -4.98 0.00	53.75 -4.55 0.00	47.14 -4.66 0.01	42.42 -4.20 0.00	39.44 -3.76 0.02	36.68 -3.32 0.00	36.42 -2.91 0.00
NEG_PENN_ALLEGHNY 23528	39.44 -0.12 0.00	37.49 -0.15 0.00	36.60 -0.11 0.00	35.66 -0.07 0.00	34.01 0.00 0.00	34.81 -0.03 0.00	37.56 0.08 0.00	39.85 0.16 0.00	38.22 0.15 0.00	37.46 0.15 0.00	36.50 0.22 0.00	36.06 0.14 0.00	38.36 0.19 0.00	38.91 0.23 0.00	40.88 0.25 0.00	45.08 0.23 0.00	52.29 0.31 0.00	62.13 0.68 0.00	58.88 0.58 0.00	52.22 0.41 0.00	46.94 0.33 0.00	43.43 0.22 0.00	40.24 0.24 0.00	39.49 0.16 0.00
NEG___GEN_MONROE 24207	37.34 -2.22 0.01	35.49 -2.15 0.01	34.75 -1.95 0.01	34.04 -1.68 0.00	32.55 -1.46 0.00	33.24 -1.60 0.00	35.91 -1.57 0.00	38.15 -1.55 0.00	36.32 -1.75 0.00	35.51 -1.79 0.00	34.28 -2.00 0.01	33.79 -2.12 0.01	36.30 -1.87 0.01	36.81 -1.86 0.01	38.31 -2.32 0.01	42.29 -2.56 0.01	48.64 -3.33 0.01	58.93 -2.52 0.00	56.02 -2.27 0.00	49.22 -2.59 0.00	44.38 -2.24 0.00	40.96 -2.25 0.01	38.24 -1.76 0.00	37.92 -1.42 0.00
NEPA___ENERGY 23901	35.83 -3.72 0.02	34.20 -3.43 0.02	33.28 -3.41 0.02	32.54 -3.18 0.01	31.29 -2.72 0.00	31.85 -3.00 0.00	34.64 -2.85 0.00	36.80 -2.90 0.00	34.87 -3.20 0.00	34.13 -3.17 0.01	33.04 -3.23 0.02	32.70 -3.20 0.02	34.87 -3.28 0.02	35.30 -3.36 0.01	37.00 -3.62 0.02	40.89 -3.95 0.02	47.07 -4.89 0.02	56.96 -4.49 0.00	54.21 -4.08 0.00	47.55 -4.25 0.01	42.65 -3.96 0.00	39.40 -3.80 0.02	36.88 -3.12 0.00	36.58 -2.75 0.00

NEVERSINK___HYD 23608	41.70 2.13 0.00	39.49 1.84 0.00	38.58 1.87 0.00	37.51 1.79 0.00	35.68 1.67 0.00	36.62 1.78 0.00	39.36 1.87 0.00	41.52 1.83 0.00	40.05 1.98 0.00	39.25 1.94 0.00	38.17 1.89 0.00	37.86 1.94 0.00	40.39 2.21 0.00	41.04 2.36 0.00	43.11 2.48 0.00	47.55 2.69 0.00	55.41 3.43 0.00	65.44 3.99 0.00	62.03 3.73 0.00	55.28 3.47 0.00	49.64 3.03 0.00	46.20 2.98 0.00	42.52 2.52 0.00	41.65 2.32 0.00
NEWKRMKL_115KV_TB1 55635	40.55 0.99 0.00	38.81 1.17 0.00	37.88 1.17 0.00	36.84 1.11 0.00	35.07 1.05 0.00	35.96 1.11 0.00	38.61 1.12 0.00	40.85 1.15 0.00	38.94 0.88 0.00	38.20 0.90 0.00	37.20 0.91 0.00	36.85 0.93 0.00	39.24 1.07 0.00	39.80 1.12 0.00	41.85 1.22 0.00	46.20 1.35 0.00	53.28 1.30 0.00	62.62 1.17 0.00	59.34 1.05 0.00	52.80 0.98 0.00	47.50 0.89 0.00	44.25 1.04 0.00	41.04 1.04 0.00	40.51 1.18 0.00
NEWTON___FALLS_HYD 23847	39.40 -0.16 0.00	37.38 -0.26 0.00	36.41 -0.29 0.00	35.44 -0.29 0.00	33.61 -0.41 0.00	34.39 -0.45 0.00	36.96 -0.52 0.00	39.22 -0.48 0.00	37.54 -0.53 0.00	36.52 -0.78 0.00	35.67 -0.62 0.00	35.31 -0.61 0.00	37.45 -0.73 0.00	37.86 -0.81 0.00	39.82 -0.81 0.00	43.83 -1.03 0.00	50.89 -1.09 0.00	60.28 -1.17 0.00	57.36 -0.93 0.00	51.19 -0.62 0.00	46.20 -0.42 0.00	42.83 -0.39 0.00	39.68 -0.32 0.00	39.02 -0.31 0.00
NGRID_A1_DSASP 323792	34.64 -4.91 0.01	33.00 -4.63 0.01	32.44 -4.26 0.01	31.79 -3.93 0.01	30.51 -3.50 0.00	31.04 -3.80 0.00	33.70 -3.79 0.00	35.84 -3.85 0.00	33.88 -4.19 0.00	33.16 -4.14 0.01	31.92 -4.35 0.01	31.41 -4.49 0.01	33.81 -4.35 0.01	34.43 -4.22 0.03	35.62 -5.00 0.01	39.24 -5.61 0.01	44.79 -7.17 0.01	54.69 -6.76 0.00	52.00 -6.30 0.00	45.48 -6.32 0.01	40.98 -5.64 0.00	37.97 -5.23 0.01	35.72 -4.28 0.00	35.56 -3.78 0.00
NGRID_A2_DSASP 323793	34.64 -4.91 0.01	33.00 -4.63 0.01	32.44 -4.26 0.01	31.79 -3.93 0.01	30.51 -3.50 0.00	31.04 -3.80 0.00	33.70 -3.79 0.00	35.84 -3.85 0.00	33.88 -4.19 0.00	33.16 -4.14 0.01	31.92 -4.35 0.01	31.41 -4.49 0.01	33.81 -4.35 0.01	34.43 -4.22 0.03	35.62 -5.00 0.01	39.24 -5.61 0.01	44.79 -7.17 0.01	54.69 -6.76 0.00	52.00 -6.30 0.00	45.48 -6.32 0.01	40.98 -5.64 0.00	37.97 -5.23 0.01	35.72 -4.28 0.00	35.56 -3.78 0.00
NGRID_A4_DSASP 323807	34.64 -4.91 0.01	33.00 -4.63 0.01	32.44 -4.26 0.01	31.79 -3.93 0.01	30.51 -3.50 0.00	31.04 -3.80 0.00	33.70 -3.79 0.00	35.84 -3.85 0.00	33.88 -4.19 0.00	33.16 -4.14 0.01	31.92 -4.35 0.01	31.41 -4.49 0.01	33.81 -4.35 0.01	34.43 -4.22 0.03	35.62 -5.00 0.01	39.24 -5.61 0.01	44.79 -7.17 0.01	54.69 -6.76 0.00	52.00 -6.30 0.00	45.48 -6.32 0.01	40.98 -5.64 0.00	37.97 -5.23 0.01	35.72 -4.28 0.00	35.56 -3.78 0.00
NIAGARA_115E_LBMP 323715	34.88 -4.67 0.01	33.53 -4.10 0.01	32.58 -4.11 0.01	31.90 -3.82 0.01	30.95 -3.06 0.00	31.53 -3.31 0.00	34.26 -3.22 0.00	36.40 -3.29 0.00	34.07 -4.00 0.00	33.16 -4.14 0.01	31.92 -4.36 0.01	31.45 -4.46 0.01	33.85 -4.31 0.01	34.18 -4.49 0.01	35.70 -4.92 0.01	39.42 -5.43 0.01	44.95 -7.02 0.01	54.75 -6.70 0.00	52.17 -6.12 0.00	45.59 -6.22 0.01	41.07 -5.55 0.00	38.10 -5.10 0.01	36.28 -3.72 0.00	36.11 -3.22 0.00
NIAGARA_115W_LBMP 323714	34.25 -5.30 0.01	32.92 -4.71 0.01	31.96 -4.74 0.01	31.29 -4.43 0.01	30.41 -3.61 0.00	30.97 -3.87 0.00	33.66 -3.82 0.00	35.76 -3.93 0.00	33.84 -4.23 0.00	33.08 -4.22 0.01	31.85 -4.43 0.01	31.34 -4.56 0.01	33.77 -4.39 0.01	34.04 -4.60 0.03	35.58 -5.04 0.01	39.28 -5.56 0.01	44.74 -7.22 0.01	54.50 -6.94 0.00	51.94 -6.35 0.00	45.38 -6.43 0.01	40.88 -5.74 0.00	37.93 -5.27 0.01	36.04 -3.96 0.00	35.48 -3.85 0.00
NIAGARA_230_LBMP 323716	34.92 -4.63 0.01	33.53 -4.10 0.01	32.58 -4.11 0.01	31.90 -3.82 0.01	30.95 -3.06 0.00	31.53 -3.31 0.00	34.26 -3.22 0.00	36.40 -3.29 0.00	34.45 -3.62 0.00	33.65 -3.65 0.01	32.43 -3.85 0.01	31.95 -3.95 0.01	34.34 -3.82 0.01	34.68 -3.98 0.01	36.23 -4.39 0.01	40.00 -4.85 0.01	45.62 -6.34 0.01	55.49 -5.96 0.00	52.87 -5.42 0.00	46.21 -5.60 0.01	41.63 -4.99 0.00	38.62 -4.58 0.01	36.64 -3.36 0.00	36.07 -3.26 0.00
NIAGARA___115KV_198_GIBSON 55903	34.56 -4.98 0.01	32.92 -4.71 0.01	32.40 -4.29 0.01	31.72 -4.00 0.01	30.44 -3.57 0.00	30.97 -3.87 0.00	33.63 -3.86 0.00	35.76 -3.93 0.00	33.81 -4.26 0.00	33.08 -4.22 0.01	31.85 -4.43 0.01	31.38 -4.53 0.01	33.73 -4.43 0.01	34.35 -4.29 0.03	35.54 -5.08 0.01	39.15 -5.70 0.01	44.69 -7.28 0.01	54.50 -6.94 0.00	51.88 -6.41 0.00	45.38 -6.42 0.01	40.88 -5.73 0.00	37.89 -5.32 0.01	35.64 -4.36 0.00	35.48 -3.85 0.00
NIAGARA____ 23760	34.92 -4.63 0.01	33.53 -4.10 0.01	32.58 -4.11 0.01	31.90 -3.82 0.01	30.95 -3.06 0.00	31.53 -3.31 0.00	34.26 -3.22 0.00	36.40 -3.29 0.00	34.45 -3.62 0.00	33.65 -3.65 0.01	32.43 -3.85 0.01	31.95 -3.95 0.01	34.34 -3.82 0.01	34.67 -3.98 0.02	36.23 -4.39 0.01	40.00 -4.85 0.01	45.62 -6.34 0.01	55.49 -5.96 0.00	52.87 -5.42 0.00	46.21 -5.60 0.01	41.63 -4.99 0.00	38.62 -4.58 0.01	36.64 -3.36 0.00	36.07 -3.26 0.00
NINE_MILE_1 23575	38.38 -1.19 0.00	36.59 -1.05 0.00	35.61 -1.10 0.00	34.73 -1.00 0.00	33.13 -0.88 0.00	33.94 -0.91 0.00	36.55 -0.94 0.00	38.70 -0.99 0.00	37.15 -0.91 0.00	36.38 -0.93 0.00	35.42 -0.87 0.00	34.98 -0.93 0.00	37.11 -1.07 0.00	37.52 -1.16 0.00	39.42 -1.22 0.00	43.56 -1.30 0.00	50.37 -1.61 0.00	59.73 -1.72 0.00	56.66 -1.63 0.00	50.31 -1.50 0.00	45.22 -1.40 0.00	41.88 -1.34 0.00	38.84 -1.16 0.00	38.16 -1.18 0.00
NINE_MILE_2 23744	38.38 -1.19 0.00	36.59 -1.05 0.00	35.64 -1.07 0.00	34.73 -1.00 0.00	33.13 -0.88 0.00	33.94 -0.91 0.00	36.55 -0.94 0.00	38.70 -0.99 0.00	37.15 -0.91 0.00	36.38 -0.93 0.00	35.42 -0.87 0.00	34.98 -0.93 0.00	37.11 -1.07 0.00	37.55 -1.12 0.00	39.46 -1.18 0.00	43.56 -1.30 0.00	50.37 -1.61 0.00	59.73 -1.72 0.00	56.66 -1.63 0.00	50.31 -1.50 0.00	45.22 -1.40 0.00	41.88 -1.34 0.00	38.84 -1.16 0.00	38.16 -1.18 0.00
NM_CAPITAL___DRP 24208	40.63 1.07 0.00	38.89 1.24 0.00	37.92 1.21 0.00	36.87 1.14 0.00	35.10 1.09 0.00	36.03 1.18 0.00	38.69 1.20 0.00	40.92 1.23 0.00	39.06 0.99 0.00	38.32 1.01 0.00	37.30 1.02 0.00	36.96 1.04 0.00	39.36 1.18 0.00	39.91 1.24 0.00	41.98 1.34 0.00	46.34 1.48 0.00	53.43 1.46 0.00	62.80 1.35 0.00	59.52 1.22 0.00	52.95 1.14 0.00	47.64 1.03 0.00	44.34 1.12 0.00	41.08 1.08 0.00	40.63 1.30 0.00
NM_CENTRAL___DRP 24181	39.01 -0.55 0.00	37.12 -0.53 0.00	36.19 -0.51 0.00	35.30 -0.43 0.00	33.67 -0.34 0.00	34.46 -0.38 0.00	37.15 -0.34 0.00	39.38 -0.32 0.00	37.80 -0.27 0.00	37.05 -0.26 0.00	36.11 -0.18 0.00	35.67 -0.25 0.00	37.87 -0.31 0.00	38.37 -0.31 0.00	40.27 -0.37 0.00	44.46 -0.40 0.00	51.46 -0.52 0.00	61.14 -0.31 0.00	57.94 -0.35 0.00	51.35 -0.47 0.00	46.20 -0.42 0.00	42.74 -0.48 0.00	39.60 -0.40 0.00	38.90 -0.43 0.00

NM_FRONTIER___DRP 24179	34.56 -4.98 0.01	32.92 -4.71 0.01	32.40 -4.29 0.01	31.72 -4.00 0.01	30.44 -3.57 0.00	30.97 -3.87 0.00	33.63 -3.86 0.00	35.76 -3.93 0.00	33.81 -4.26 0.00	33.08 -4.22 0.01	31.85 -4.43 0.01	31.38 -4.53 0.01	33.73 -4.43 0.01	34.35 -4.29 0.03	35.54 -5.08 0.01	39.15 -5.70 0.01	44.69 -7.28 0.01	54.50 -6.94 0.00	51.88 -6.41 0.00	45.38 -6.42 0.01	40.88 -5.73 0.00	37.89 -5.32 0.01	35.64 -4.36 0.00	35.48 -3.85 0.00
NM_ST_REGIS___HYD 24053	39.68 0.12 0.00	37.72 0.08 0.00	36.67 -0.04 0.00	35.66 -0.07 0.00	33.78 -0.24 0.00	34.46 -0.38 0.00	37.23 -0.26 0.00	39.42 -0.28 0.00	37.73 -0.34 0.00	36.71 -0.60 0.00	35.71 -0.58 0.00	35.34 -0.57 0.00	37.49 -0.69 0.00	37.86 -0.81 0.00	39.82 -0.81 0.00	43.87 -0.99 0.00	50.83 -1.14 0.00	59.85 -1.60 0.00	57.01 -1.28 0.00	50.93 -0.88 0.00	46.10 -0.51 0.00	42.74 -0.48 0.00	39.52 -0.48 0.00	38.90 -0.43 0.00
NORTHPORT___1 23551	42.53 2.97 0.00	40.43 2.79 0.00	38.98 2.28 0.00	37.87 2.14 0.00	36.02 2.01 0.00	36.97 2.13 0.00	39.81 2.33 0.00	42.04 2.34 0.00	40.58 2.51 0.00	40.22 2.91 0.00	39.56 3.27 0.00	39.26 3.34 0.00	41.84 3.67 0.00	42.59 3.90 -0.01	44.75 4.10 -0.01	49.27 4.40 -0.01	56.87 4.88 -0.01	66.43 4.98 -0.01	62.97 4.67 -0.01	56.54 4.71 -0.01	53.40 4.48 -2.31	51.05 4.32 -3.52	43.81 3.80 -0.01	42.88 3.54 0.00
NORTHPORT___2 23552	42.53 2.97 0.00	40.43 2.79 0.00	38.98 2.28 0.00	37.87 2.14 0.00	36.02 2.01 0.00	36.97 2.13 0.00	39.81 2.33 0.00	42.04 2.34 0.00	40.58 2.51 0.00	40.22 2.91 0.00	39.56 3.27 0.00	39.26 3.34 0.00	41.84 3.67 0.00	42.59 3.90 -0.01	44.75 4.10 -0.01	49.27 4.40 -0.01	56.87 4.88 -0.01	66.43 4.98 -0.01	62.97 4.67 -0.01	56.54 4.71 -0.01	53.40 4.48 -2.31	51.05 4.32 -3.52	43.81 3.80 -0.01	42.88 3.54 0.00
NORTHPORT___3 23553	42.45 2.89 0.00	40.32 2.67 0.00	38.87 2.17 0.00	37.80 2.07 0.00	35.92 1.90 0.00	36.86 2.02 0.00	39.74 2.25 0.00	41.96 2.26 0.00	40.47 2.40 0.00	40.11 2.80 0.00	39.44 3.16 0.00	39.19 3.27 0.00	41.73 3.55 0.00	42.48 3.79 -0.01	44.67 4.02 -0.01	49.17 4.31 -0.01	56.56 4.68 0.09	66.25 4.80 -0.01	62.74 4.49 0.04	56.18 4.51 0.14	53.26 4.34 -2.31	50.92 4.19 -3.52	43.68 3.68 -0.01	42.76 3.42 0.00
NORTHPORT___4 23650	42.45 2.89 0.00	40.32 2.67 0.00	38.87 2.17 0.00	37.80 2.07 0.00	35.92 1.90 0.00	36.86 2.02 0.00	39.74 2.25 0.00	41.96 2.26 0.00	40.47 2.40 0.00	40.11 2.80 0.00	39.44 3.16 0.00	39.19 3.27 0.00	41.73 3.55 0.00	42.48 3.79 -0.01	44.67 4.02 -0.01	49.17 4.31 -0.01	56.56 4.68 0.09	66.25 4.80 -0.01	62.74 4.49 0.04	56.18 4.51 0.14	53.26 4.34 -2.31	50.92 4.19 -3.52	43.68 3.68 -0.01	42.76 3.42 0.00
NORTHPORT___IC 23718	42.49 2.93 0.00	40.39 2.75 0.00	38.87 2.17 0.00	37.73 2.00 0.00	36.05 2.04 0.00	36.97 2.13 0.00	39.81 2.32 0.00	42.04 2.34 0.00	40.54 2.47 0.00	40.22 2.91 0.00	39.55 3.27 0.00	39.29 3.38 0.00	41.84 3.66 0.00	42.54 3.87 0.00	44.78 4.14 0.00	49.31 4.44 -0.01	56.87 4.89 -0.01	66.43 4.98 -0.01	62.97 4.66 -0.01	56.54 4.71 -0.01	53.40 4.48 -2.31	51.06 4.32 -3.52	43.88 3.88 0.00	42.87 3.54 0.00
NORTH___COUNTRY_ESR 323785	39.33 -0.24 0.00	37.34 -0.30 0.00	36.27 -0.44 0.00	35.05 -0.68 0.00	33.20 -0.82 0.00	33.87 -0.98 0.00	36.55 -0.94 0.00	38.66 -1.03 0.00	37.00 -1.07 0.00	36.04 -1.27 0.00	34.95 -1.34 0.00	34.55 -1.36 0.00	36.65 -1.53 0.00	37.05 -1.62 0.00	38.93 -1.71 0.00	42.98 -1.88 0.00	49.95 -2.03 0.00	58.87 -2.58 0.00	56.02 -2.27 0.00	49.84 -1.97 0.00	44.94 -1.68 0.00	41.62 -1.60 0.00	38.48 -1.52 0.00	37.84 -1.49 0.00
NPX_GEN_1385_PROXY 323591	48.49 3.32 -5.61	46.93 3.09 -6.20	44.54 2.57 -5.26	46.06 2.46 -7.87	44.42 2.28 -8.13	45.60 2.40 -8.36	53.10 2.66 -12.95	57.64 2.70 -15.25	54.84 2.82 -13.95	48.75 3.21 -8.23	43.33 3.56 -3.48	39.54 3.63 0.00	42.11 3.93 0.00	42.86 4.18 -0.01	53.46 4.47 -8.35	58.66 4.80 -9.00	71.21 5.30 -13.93	78.15 5.53 -11.17	77.46 5.19 -13.98	69.50 5.18 -12.51	64.08 4.85 -12.62	51.36 4.63 -3.52	44.09 4.08 -0.01	43.15 3.81 0.00
NPX_GEN_CSC 323557	42.92 3.36 0.00	40.81 3.16 0.00	39.21 2.50 0.00	38.09 2.36 0.00	36.19 2.18 0.00	37.18 2.33 0.00	40.07 2.58 0.00	42.35 2.66 0.00	40.89 2.82 0.00	40.67 3.36 0.00	40.17 3.88 0.00	39.83 3.92 0.00	42.34 4.16 0.00	43.13 4.45 -0.01	45.35 4.71 -0.01	50.07 5.20 -0.01	62.12 6.13 -4.01	68.20 6.70 -0.05	66.74 6.36 -2.09	63.37 5.96 -5.60	54.23 5.31 -2.31	51.62 4.88 -3.52	44.17 4.16 -0.01	43.27 3.93 0.00
NSINS_S_GLNS_FALLS 23858	42.13 2.57 0.00	40.09 2.45 0.00	39.09 2.39 0.00	38.01 2.29 0.00	36.19 2.18 0.00	37.18 2.33 0.00	39.92 2.44 0.00	42.27 2.58 0.00	40.51 2.44 0.00	39.58 2.28 0.00	38.57 2.29 0.00	38.22 2.30 0.00	40.62 2.44 0.00	41.15 2.48 0.00	43.32 2.68 0.00	48.09 3.23 0.00	55.88 3.90 0.00	66.06 4.61 0.00	62.61 4.31 0.00	55.49 3.68 0.00	50.02 3.40 0.00	46.41 3.20 0.00	42.84 2.84 0.00	42.21 2.87 0.00
NUCOR_STEEL___DRP 24197	39.29 -0.28 -0.01	37.42 -0.23 -0.01	36.46 -0.26 -0.01	35.55 -0.18 0.00	33.95 -0.07 0.00	34.74 -0.10 0.00	37.45 -0.04 0.00	39.73 0.04 0.00	38.15 0.08 0.00	37.35 0.04 0.00	36.37 0.07 -0.01	35.89 -0.04 -0.01	38.18 0.00 -0.01	38.68 0.00 0.00	40.64 0.00 -0.01	44.86 0.00 -0.01	51.98 0.00 -0.01	61.88 0.43 0.00	58.70 0.41 0.00	51.97 0.16 0.00	46.71 0.09 0.00	43.22 0.00 -0.01	40.00 0.00 0.00	39.30 -0.04 0.00
NUMBER_THREE_WT_PWR 323818	39.60 0.04 0.00	37.53 -0.11 0.00	36.56 -0.15 0.00	35.66 -0.07 0.00	33.81 -0.20 0.00	34.67 -0.17 0.00	37.34 -0.15 0.00	39.61 -0.08 0.00	37.92 -0.15 0.00	36.94 -0.37 0.00	36.04 -0.25 0.00	35.63 -0.29 0.00	37.79 -0.38 0.00	38.21 -0.46 0.00	40.23 -0.41 0.00	44.45 -0.40 0.00	51.77 -0.21 0.00	61.63 0.18 0.00	58.53 0.23 0.00	52.18 0.37 0.00	46.90 0.28 0.00	43.43 0.22 0.00	40.16 0.16 0.00	39.41 0.08 0.00
NYISO_LBMP_REFERENCE 24008	39.56 0.00 0.00	37.64 0.00 0.00	36.71 0.00 0.00	35.73 0.00 0.00	34.01 0.00 0.00	34.84 0.00 0.00	37.49 0.00 0.00	39.69 0.00 0.00	38.07 0.00 0.00	37.31 0.00 0.00	36.29 0.00 0.00	35.92 0.00 0.00	38.18 0.00 0.00	38.68 0.00 0.00	40.64 0.00 0.00	44.86 0.00 0.00	51.98 0.00 0.00	61.45 0.00 0.00	58.29 0.00 0.00	51.81 0.00 0.00	46.62 0.00 0.00	43.22 0.00 0.00	40.00 0.00 0.00	39.33 0.00 0.00
NYPA_BRENTWD____GT 24164	43.08 3.52 0.00	40.92 3.27 0.00	39.42 2.72 0.00	38.30 2.57 0.00	36.39 2.38 0.00	37.35 2.51 0.00	40.30 2.81 0.00	42.51 2.82 0.00	41.00 2.93 0.00	40.67 3.36 0.00	40.03 3.74 0.00	39.72 3.81 0.00	42.34 4.16 0.00	43.13 4.45 -0.01	45.35 4.71 -0.01	50.02 5.16 -0.01	57.61 5.25 -0.38	67.42 5.96 -0.01	63.86 5.36 -0.20	57.52 5.18 -0.53	54.28 5.36 -2.31	51.45 4.71 -3.52	44.41 4.40 -0.01	43.46 4.13 0.00

NYPA_GOWANUS____GT5 24156	42.46	40.17	39.21	37.98	36.22	37.11	39.74	41.92	40.35	39.92	38.83	38.65	41.23	41.93	44.01	48.40	56.08	65.69	62.20	55.80	50.35	46.90	43.17	42.29
	2.89	2.52	2.50	2.25	2.21	2.26	2.25	2.22	2.28	2.61	2.54	2.73	3.06	3.25	3.37	3.54	4.11	4.24	3.91	3.99	3.73	3.67	3.16	2.95
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01
NYPA_GOWANUS____GT6 24157	42.46	40.17	39.21	37.98	36.22	37.11	39.74	41.92	40.35	39.92	38.83	38.65	41.23	41.93	44.01	48.40	56.08	65.69	62.20	55.80	50.35	46.90	43.17	42.29
	2.89	2.52	2.50	2.25	2.21	2.26	2.25	2.22	2.28	2.61	2.54	2.73	3.06	3.25	3.37	3.54	4.11	4.24	3.91	3.99	3.73	3.67	3.16	2.95
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01
NYPA_HARLEM__RVR__GT1 24160	42.06	39.72	38.95	37.73	36.02	36.79	39.32	41.51	40.04	39.58	38.46	38.28	40.80	41.53	43.55	47.77	55.45	64.94	61.49	55.12	49.64	46.23	42.51	41.65
	2.49	2.07	2.24	2.00	2.01	1.95	1.84	1.83	1.98	2.28	2.18	2.37	2.63	2.86	2.93	2.91	3.48	3.50	3.20	3.32	3.03	3.02	2.52	2.32
	0.00	-0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
NYPA_HARLEM__RVR__GT2 24161	42.06	39.72	38.95	37.73	36.02	36.79	39.32	41.51	40.04	39.58	38.46	38.28	40.80	41.53	43.55	47.77	55.45	64.94	61.49	55.12	49.64	46.23	42.51	41.65
	2.49	2.07	2.24	2.00	2.01	1.95	1.84	1.83	1.98	2.28	2.18	2.37	2.63	2.86	2.93	2.91	3.48	3.50	3.20	3.32	3.03	3.02	2.52	2.32
	0.00	-0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
NYPA_KENT____GT 24152	42.33	40.06	39.13	37.91	36.16	37.04	39.66	41.88	40.31	39.85	38.79	38.58	41.11	41.85	43.93	48.27	55.98	65.57	62.14	55.70	50.21	46.77	43.04	42.13
	2.77	2.41	2.42	2.18	2.14	2.20	2.17	2.18	2.25	2.54	2.50	2.66	2.94	3.17	3.29	3.41	4.00	4.12	3.85	3.89	3.59	3.54	3.04	2.79
	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_POUCH1____GT 24155	42.50	40.21	39.24	38.02	36.26	37.14	39.74	41.92	40.35	39.88	38.83	38.61	41.19	41.93	44.01	48.40	56.04	65.50	62.03	55.75	50.39	46.94	43.25	42.33
	2.93	2.56	2.53	2.29	2.24	2.30	2.25	2.22	2.28	2.57	2.54	2.70	3.02	3.25	3.37	3.54	4.06	4.05	3.73	3.94	3.77	3.72	3.24	2.99
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01
NYPA_VERNON____GT2 24162	42.17	39.99	39.02	37.80	36.05	36.97	39.59	41.84	40.28	39.81	38.72	38.51	41.04	41.73	43.81	48.18	55.88	65.50	62.03	55.59	50.07	46.59	42.88	42.01
	2.61	2.33	2.31	2.07	2.04	2.13	2.10	2.14	2.21	2.50	2.43	2.59	2.86	3.05	3.17	3.32	3.90	4.05	3.73	3.78	3.45	3.37	2.88	2.68
	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_VERNON____GT3 24163	42.17	39.99	39.02	37.80	36.05	36.97	39.59	41.84	40.28	39.81	38.72	38.51	41.04	41.73	43.81	48.18	55.88	65.50	62.03	55.59	50.07	46.59	42.88	42.01
	2.61	2.33	2.31	2.07	2.04	2.13	2.10	2.14	2.21	2.50	2.43	2.59	2.86	3.05	3.17	3.32	3.90	4.05	3.73	3.78	3.45	3.37	2.88	2.68
	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____ASTORIA_CC1 323568	42.17	39.91	39.02	37.80	36.05	36.93	39.55	41.76	40.24	39.77	38.68	38.47	41.00	41.70	43.76	48.09	55.77	65.32	61.91	55.44	49.97	46.54	42.84	41.93
	2.61	2.26	2.31	2.07	2.04	2.09	2.06	2.06	2.17	2.46	2.39	2.55	2.82	3.02	3.13	3.23	3.79	3.87	3.62	3.63	3.36	3.33	2.84	2.60
	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____ASTORIA_CC2 323569	42.17	39.91	39.02	37.80	36.05	36.93	39.55	41.76	40.24	39.77	38.68	38.47	41.00	41.70	43.76	48.09	55.77	65.32	61.91	55.44	49.97	46.54	42.84	41.93
	2.61	2.26	2.31	2.07	2.04	2.09	2.06	2.06	2.17	2.46	2.39	2.55	2.82	3.02	3.13	3.23	3.79	3.87	3.62	3.63	3.36	3.33	2.84	2.60
	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____HOLTSVILL 23794	42.65	40.54	39.02	37.94	36.05	37.00	39.89	42.12	40.66	40.37	39.77	39.48	41.99	42.78	44.99	49.58	61.40	67.21	65.81	62.65	53.73	51.23	43.93	42.99
	3.09	2.90	2.31	2.22	2.04	2.16	2.40	2.42	2.59	3.06	3.48	3.56	3.82	4.10	4.35	4.71	5.41	5.72	5.42	5.23	4.80	4.49	3.92	3.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-4.02	-0.05	-2.09	-5.60	-2.31	-3.52	-0.01	0.00
NYPA____HELLGATE_GT1 24158	42.06	39.72	38.95	37.73	36.02	36.79	39.32	41.51	40.04	39.58	38.46	38.28	40.80	41.53	43.55	47.77	55.45	64.94	61.49	55.12	49.64	46.23	42.51	41.65
	2.49	2.07	2.24	2.00	2.01	1.95	1.84	1.83	1.98	2.28	2.18	2.37	2.63	2.86	2.93	2.91	3.48	3.50	3.20	3.32	3.03	3.02	2.52	2.32
	0.00	-0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
NYPA____HELLGATE_GT2 24159	42.06	39.72	38.95	37.73	36.02	36.79	39.32	41.51	40.04	39.58	38.46	38.28	40.80	41.53	43.55	47.77	55.45	64.94	61.49	55.12	49.64	46.23	42.51	41.65
	2.49	2.07	2.24	2.00	2.01	1.95	1.84	1.83	1.98	2.28	2.18	2.37	2.63	2.86	2.93	2.91	3.48	3.50	3.20	3.32	3.03	3.02	2.52	2.32
	0.00	-0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
NYS_BARGE____HYD 23848	35.24	33.83	32.88	32.18	31.19	31.81	34.56	36.72	34.53	33.65	32.39	31.92	34.31	34.64	36.23	40.05	45.67	55.74	53.11	46.42	41.86	38.75	36.84	36.46
	-4.31	-3.80	-3.82	-3.54	-2.82	-3.03	-2.92	-2.98	-3.54	-3.65	-3.88	-3.99	-3.85	-4.02	-4.39	-4.80	-6.29	-5.71	-5.19	-5.39	-4.76	-4.45	-3.16	-2.87
	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.00
OAK ORCHARD____HYD 24046	37.06	35.49	34.39	33.65	32.48	33.20	35.88	38.15	36.43	35.63	34.43	33.93	36.49	36.81	38.64	42.70	49.06	59.36	56.37	49.53	44.61	41.18	38.60	37.84
	-2.49	-2.14	-2.31	-2.07	-1.53	-1.64	-1.61	-1.55	-1.64	-1.68	-1.85	-1.98	-1.68	-1.86	-1.99	-2.15	-2.91	-2.09	-1.92	-2.28	-2.00	-2.03	-1.40	-1.49
	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00

OAKDALE___35_KV_LOAD 356122	39.28 -0.28 0.00	37.38 -0.26 0.00	36.45 -0.26 0.00	35.51 -0.21 0.00	33.88 -0.14 0.00	34.67 -0.17 0.00	37.41 -0.07 0.00	39.65 -0.04 0.00	38.03 -0.04 0.00	37.27 -0.04 0.00	36.28 0.00 0.00	35.88 -0.04 0.00	38.17 0.00 0.00	38.67 0.00 0.00	40.67 0.04 0.00	44.86 0.00 0.00	52.03 0.05 0.00	61.76 0.31 0.00	58.53 0.23 0.00	51.91 0.10 0.00	46.66 0.05 0.00	43.21 0.00 0.00	40.00 0.00 0.00	39.33 0.00 0.00
OCC_CHEM___DRP 24175	34.64 -4.91 0.01	33.00 -4.63 0.01	32.44 -4.26 0.01	31.79 -3.93 0.01	30.51 -3.50 0.00	31.04 -3.80 0.00	33.70 -3.79 0.00	35.84 -3.85 0.00	33.88 -4.19 0.00	33.16 -4.14 0.01	31.92 -4.35 0.01	31.41 -4.49 0.01	33.81 -4.35 0.01	34.43 -4.22 0.03	35.62 -5.00 0.01	39.24 -5.61 0.01	44.79 -7.17 0.01	54.69 -6.76 0.00	52.00 -6.30 0.00	45.48 -6.32 0.01	40.98 -5.64 0.00	37.97 -5.23 0.01	35.72 -4.28 0.00	35.56 -3.78 0.00
OH_GEN_PROXY 24063	35.00 -4.55 0.01	33.60 -4.03 0.01	32.66 -4.04 0.01	31.97 -3.75 0.01	30.99 -3.03 0.00	31.60 -3.24 0.00	34.30 -3.19 0.00	36.44 -3.25 0.00	34.53 -3.54 0.00	33.72 -3.58 0.01	32.50 -3.77 0.01	32.03 -3.88 0.01	34.42 -3.74 0.01	34.80 -3.87 0.01	36.36 -4.27 0.01	40.09 -4.76 0.01	45.78 -6.19 0.01	55.67 -5.78 0.00	52.99 -5.30 0.00	46.37 -5.44 0.01	41.77 -4.85 0.00	38.71 -4.50 0.01	36.72 -3.28 0.00	36.11 -3.22 0.00
OLIN_CORP_DRP 24177	35.27 -4.27 0.01	33.60 -4.03 0.01	32.99 -3.71 0.01	32.33 -3.39 0.01	30.99 -3.03 0.00	31.57 -3.28 0.00	34.26 -3.22 0.00	36.40 -3.29 0.00	34.07 -4.00 0.00	33.27 -4.03 0.01	31.99 -4.28 0.01	31.56 -4.35 0.01	33.92 -4.24 0.01	34.53 -4.14 0.01	35.79 -4.84 0.01	39.42 -5.43 0.01	45.00 -6.97 0.01	54.93 -6.51 0.00	52.23 -6.06 0.00	45.69 -6.11 0.01	41.16 -5.45 0.00	38.15 -5.06 0.01	35.92 -4.08 0.00	36.11 -3.23 0.00
OLIN_CORP_DSASP 323712	34.64 -4.91 0.01	33.00 -4.63 0.01	32.44 -4.26 0.01	31.79 -3.93 0.01	30.51 -3.50 0.00	31.04 -3.80 0.00	33.70 -3.79 0.00	35.84 -3.85 0.00	33.88 -4.19 0.00	33.16 -4.14 0.01	31.92 -4.35 0.01	31.41 -4.49 0.01	33.81 -4.35 0.01	34.43 -4.22 0.03	35.62 -5.00 0.01	39.24 -5.61 0.01	44.79 -7.17 0.01	54.69 -6.76 0.00	52.00 -6.30 0.00	45.48 -6.32 0.01	40.98 -5.64 0.00	37.97 -5.23 0.01	35.72 -4.28 0.00	35.56 -3.78 0.00
ONEIDA_HERK_LFGE 323681	40.04 0.48 0.00	38.02 0.38 0.00	37.04 0.33 0.00	36.12 0.39 0.00	34.28 0.27 0.00	35.15 0.31 0.00	37.90 0.41 0.00	40.17 0.48 0.00	38.53 0.46 0.00	37.64 0.34 0.00	36.69 0.40 0.00	36.31 0.40 0.00	38.56 0.38 0.00	38.99 0.31 0.00	41.04 0.41 0.00	45.35 0.49 0.00	52.76 0.78 0.00	62.56 1.11 0.00	59.34 1.05 0.00	52.85 1.04 0.00	47.46 0.84 0.00	43.95 0.73 0.00	40.64 0.64 0.00	39.93 0.59 0.00
ONEIDA___115KV_TB4 55905	40.27 0.71 0.00	38.25 0.60 0.00	37.30 0.59 0.00	36.34 0.61 0.00	34.59 0.58 0.00	35.47 0.63 0.00	38.24 0.75 0.00	40.53 0.83 0.00	38.91 0.84 0.00	38.02 0.71 0.00	37.01 0.73 0.00	36.64 0.72 0.00	38.94 0.76 0.00	39.37 0.70 0.00	41.45 0.81 0.00	45.80 0.94 0.00	53.28 1.30 0.00	63.23 1.78 0.00	59.93 1.63 0.00	53.26 1.45 0.00	47.78 1.17 0.00	44.25 1.04 0.00	40.92 0.92 0.00	40.20 0.87 0.00
ONONDAGA_REF_OCCRA 23987	39.21 -0.36 0.00	37.31 -0.34 0.00	36.38 -0.33 0.00	35.44 -0.29 0.00	33.81 -0.20 0.00	34.63 -0.21 0.00	37.30 -0.19 0.00	39.58 -0.12 0.00	37.99 -0.08 0.00	37.20 -0.11 0.00	36.26 -0.04 0.00	35.81 -0.11 0.00	38.06 -0.11 0.00	38.53 -0.15 0.00	40.52 -0.12 0.00	44.73 -0.13 0.00	51.83 -0.16 0.00	61.51 0.06 0.00	58.29 0.00 0.00	51.71 -0.10 0.00	46.48 -0.14 0.00	43.00 -0.22 0.00	39.80 -0.20 0.00	39.10 -0.24 0.00
ONONDAGA___COGEN 23986	39.21 -0.36 0.00	37.34 -0.30 0.00	36.38 -0.33 0.00	35.48 -0.25 0.00	33.84 -0.17 0.00	34.63 -0.21 0.00	37.34 -0.15 0.00	39.58 -0.12 0.00	38.03 -0.04 0.00	37.27 -0.04 0.00	36.32 0.04 0.00	35.88 -0.04 0.00	38.14 -0.04 0.00	38.60 -0.08 0.00	40.55 -0.08 0.00	44.72 -0.13 0.00	51.82 -0.16 0.00	61.51 0.06 0.00	58.29 0.00 0.00	51.71 -0.10 0.00	46.48 -0.14 0.00	43.00 -0.22 0.00	39.84 -0.16 0.00	39.10 -0.24 0.00
ONTARIO___LFGE 23819	38.17 -1.39 0.00	36.47 -1.17 0.00	35.39 -1.32 0.00	34.58 -1.14 0.00	33.20 -0.82 0.00	33.97 -0.87 0.00	36.66 -0.82 0.00	38.98 -0.71 0.00	37.34 -0.72 0.00	36.52 -0.79 0.00	35.52 -0.76 0.00	35.02 -0.90 0.00	37.45 -0.73 0.00	37.86 -0.81 0.00	39.78 -0.86 0.00	43.91 -0.94 0.00	50.73 -1.25 0.00	60.83 -0.61 0.00	57.71 -0.58 0.00	50.93 -0.88 0.00	45.78 -0.84 0.00	42.30 -0.91 0.00	39.36 -0.64 0.00	38.55 -0.79 0.00
ORANGEVILLE_WT_PWR 323706	34.83 -4.71 0.02	33.18 -4.44 0.02	32.39 -4.29 0.02	31.71 -4.00 0.01	30.58 -3.43 0.00	31.15 -3.69 0.00	33.89 -3.60 0.00	35.96 -3.73 0.00	34.03 -4.04 0.00	33.19 -4.10 0.01	32.13 -4.14 0.02	31.66 -4.24 0.02	33.84 -4.31 0.02	34.29 -4.37 0.02	35.86 -4.75 0.02	39.63 -5.20 0.02	45.66 -6.29 0.02	55.30 -6.14 0.00	52.64 -5.65 0.00	46.20 -5.60 0.01	41.58 -5.04 0.00	38.48 -4.71 0.02	36.32 -3.68 0.00	35.76 -3.58 0.00
ORANGEVILLE___ESR 323794	34.83 -4.71 0.02	33.18 -4.44 0.02	32.39 -4.29 0.02	31.71 -4.00 0.01	30.58 -3.43 0.00	31.15 -3.69 0.00	33.89 -3.60 0.00	35.96 -3.73 0.00	34.03 -4.04 0.00	33.19 -4.10 0.01	32.13 -4.14 0.02	31.66 -4.24 0.02	33.84 -4.31 0.02	34.29 -4.37 0.02	35.86 -4.75 0.02	39.63 -5.20 0.02	45.66 -6.29 0.02	55.30 -6.14 0.00	52.64 -5.65 0.00	46.20 -5.60 0.01	41.58 -5.04 0.00	38.48 -4.71 0.02	36.32 -3.68 0.00	35.76 -3.58 0.00
OSWEGATCHIE___HYD 24044	39.40 -0.16 0.00	37.38 -0.26 0.00	36.41 -0.29 0.00	35.44 -0.29 0.00	33.61 -0.41 0.00	34.35 -0.49 0.00	36.96 -0.52 0.00	39.22 -0.47 0.00	37.50 -0.57 0.00	36.52 -0.79 0.00	35.67 -0.62 0.00	35.31 -0.61 0.00	37.45 -0.73 0.00	37.83 -0.85 0.00	39.82 -0.81 0.00	43.83 -1.03 0.00	50.88 -1.09 0.00	60.28 -1.17 0.00	57.36 -0.93 0.00	51.19 -0.62 0.00	46.20 -0.42 0.00	42.83 -0.39 0.00	39.68 -0.32 0.00	39.02 -0.32 0.00
OSWEGO___5 23606	38.61 -0.95 0.00	36.78 -0.86 0.00	35.83 -0.88 0.00	34.91 -0.82 0.00	33.33 -0.68 0.00	34.11 -0.73 0.00	36.74 -0.75 0.00	38.94 -0.76 0.00	37.34 -0.72 0.00	36.60 -0.71 0.00	35.64 -0.65 0.00	35.20 -0.72 0.00	37.37 -0.80 0.00	37.79 -0.89 0.00	39.70 -0.93 0.00	43.83 -1.03 0.00	50.73 -1.25 0.00	60.22 -1.23 0.00	57.13 -1.17 0.00	50.67 -1.14 0.00	45.55 -1.07 0.00	42.18 -1.04 0.00	39.12 -0.88 0.00	38.43 -0.90 0.00
OSWEGO___6 23613	38.61 -0.95 0.00	36.78 -0.86 0.00	35.83 -0.88 0.00	34.91 -0.82 0.00	33.33 -0.68 0.00	34.11 -0.73 0.00	36.74 -0.75 0.00	38.94 -0.76 0.00	37.34 -0.72 0.00	36.60 -0.71 0.00	35.64 -0.65 0.00	35.20 -0.72 0.00	37.37 -0.80 0.00	37.79 -0.89 0.00	39.70 -0.93 0.00	43.83 -1.03 0.00	50.73 -1.25 0.00	60.22 -1.23 0.00	57.13 -1.17 0.00	50.67 -1.14 0.00	45.55 -1.07 0.00	42.18 -1.04 0.00	39.12 -0.88 0.00	38.43 -0.90 0.00

OUTOKUMPU-AB___DRP 24206	35.39 -4.15 0.01	33.75 -3.88 0.01	33.06 -3.63 0.01	32.40 -3.32 0.01	31.09 -2.93 0.00	31.64 -3.21 0.00	34.38 -3.11 0.00	36.56 -3.14 0.00	34.49 -3.58 0.00	33.76 -3.54 0.01	32.50 -3.77 0.01	32.10 -3.81 0.01	34.42 -3.74 0.01	34.98 -3.67 0.02	36.31 -4.31 0.01	40.13 -4.71 0.01	45.88 -6.08 0.01	55.86 -5.59 0.00	53.16 -5.13 0.00	46.57 -5.23 0.01	41.95 -4.66 0.00	38.84 -4.36 0.01	36.44 -3.56 0.00	36.35 -2.99 0.00
OXBOW___BTM 323836	34.72 -4.83 0.01	33.34 -4.29 0.01	32.44 -4.26 0.01	31.75 -3.97 0.01	30.78 -3.23 0.00	31.36 -3.48 0.00	34.08 -3.41 0.00	36.24 -3.45 0.00	34.26 -3.81 0.00	33.49 -3.81 0.01	32.24 -4.03 0.01	31.78 -4.13 0.01	34.15 -4.01 0.01	34.47 -4.18 0.02	36.03 -4.59 0.01	39.78 -5.07 0.01	45.36 -6.60 0.01	55.36 -6.08 0.00	52.70 -5.60 0.00	46.11 -5.70 0.01	41.54 -5.08 0.00	38.49 -4.71 0.01	36.56 -3.44 0.00	35.99 -3.34 0.00
OXBOW___ 24026	35.04 -4.51 0.01	33.41 -4.22 0.01	32.80 -3.89 0.01	32.11 -3.61 0.01	30.82 -3.20 0.00	31.36 -3.48 0.00	34.08 -3.41 0.00	36.24 -3.45 0.00	34.22 -3.84 0.00	33.50 -3.81 0.01	32.25 -4.03 0.01	31.81 -4.09 0.01	34.15 -4.01 0.01	34.75 -3.91 0.02	36.03 -4.59 0.01	39.73 -5.11 0.01	45.36 -6.60 0.01	55.37 -6.08 0.00	52.70 -5.60 0.00	46.11 -5.70 0.01	41.53 -5.08 0.00	38.45 -4.75 0.01	36.12 -3.88 0.00	35.99 -3.34 0.00
OXY_CHEM_DSASP 323612	34.64 -4.91 0.01	33.00 -4.63 0.01	32.44 -4.26 0.01	31.79 -3.93 0.01	30.51 -3.50 0.00	31.04 -3.80 0.00	33.70 -3.79 0.00	35.84 -3.85 0.00	33.88 -4.19 0.00	33.16 -4.14 0.01	31.92 -4.35 0.01	31.41 -4.49 0.01	33.81 -4.35 0.01	34.43 -4.22 0.03	35.62 -5.00 0.01	39.24 -5.61 0.01	44.79 -7.17 0.01	54.69 -6.76 0.00	52.00 -6.30 0.00	45.48 -6.32 0.01	40.98 -5.64 0.00	37.97 -5.23 0.01	35.72 -4.28 0.00	35.56 -3.78 0.00
OZONE_PARK_ESR 323760	42.21 2.65 0.00	40.13 2.48 0.00	38.95 2.24 0.00	37.73 2.00 0.00	36.12 2.11 0.00	37.07 2.23 0.00	39.81 2.32 0.00	42.12 2.42 0.00	40.54 2.47 0.00	40.03 2.72 0.00	38.97 2.69 0.00	38.72 2.80 0.00	41.31 3.13 0.00	41.93 3.25 0.00	44.13 3.49 0.00	48.58 3.72 0.00	56.45 4.47 0.00	66.24 4.79 0.00	62.78 4.49 0.00	56.06 4.25 0.00	50.44 3.82 0.00	46.93 3.72 0.00	43.24 3.24 0.00	42.25 2.91 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	34.64 -4.91 0.01	33.00 -4.63 0.01	32.44 -4.26 0.01	31.79 -3.93 0.01	30.51 -3.50 0.00	31.04 -3.80 0.00	33.70 -3.79 0.00	35.84 -3.85 0.00	33.88 -4.19 0.00	33.16 -4.14 0.01	31.92 -4.35 0.01	31.41 -4.49 0.01	33.81 -4.35 0.01	34.43 -4.22 0.03	35.62 -5.00 0.01	39.24 -5.61 0.01	44.79 -7.17 0.01	54.69 -6.76 0.00	52.00 -6.30 0.00	45.48 -6.32 0.01	40.98 -5.64 0.00	37.97 -5.23 0.01	35.72 -4.28 0.00	35.56 -3.78 0.00
PACKARD___115KV_DUPONT_184 80571	34.32 -5.22 0.01	32.96 -4.67 0.01	32.03 -4.66 0.01	31.36 -4.36 0.01	30.48 -3.54 0.00	31.04 -3.80 0.00	33.74 -3.75 0.00	35.84 -3.85 0.00	33.92 -4.15 0.00	33.16 -4.14 0.01	31.92 -4.36 0.01	31.41 -4.49 0.01	33.81 -4.35 0.01	34.12 -4.53 0.03	35.66 -4.96 0.01	39.33 -5.52 0.01	44.85 -7.12 0.01	54.69 -6.76 0.00	52.06 -6.24 0.00	45.48 -6.32 0.01	40.97 -5.64 0.00	38.02 -5.19 0.01	36.12 -3.88 0.00	35.56 -3.78 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	42.13 2.57 0.00	39.83 2.18 0.00	38.80 2.09 0.00	37.55 1.82 0.00	36.09 2.07 0.00	36.76 1.92 0.00	39.36 1.87 0.00	41.56 1.87 0.00	40.05 1.98 0.00	39.58 2.28 0.00	38.50 2.21 0.00	38.29 2.37 0.00	40.81 2.63 0.00	41.46 2.78 0.00	43.56 2.93 0.00	47.91 3.05 0.00	55.56 3.59 0.00	65.07 3.63 0.00	61.62 3.32 0.00	55.23 3.42 0.00	49.74 3.12 0.00	46.37 3.15 0.00	42.76 2.76 0.00	41.77 2.44 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	42.57 3.01 0.00	40.24 2.60 0.00	39.28 2.57 0.00	37.94 2.22 0.00	36.50 2.48 0.00	37.21 2.37 0.00	39.81 2.32 0.00	42.04 2.34 0.00	40.47 2.40 0.00	39.99 2.69 0.00	38.90 2.61 0.00	38.68 2.77 0.00	41.23 3.05 0.00	41.89 3.21 0.00	44.01 3.37 0.00	48.40 3.54 0.00	56.19 4.21 0.00	65.81 4.36 0.00	62.32 4.02 0.00	55.85 4.04 0.00	50.25 3.64 0.00	46.85 3.63 0.00	43.24 3.24 0.00	42.25 2.91 0.00
PATROON___115KV_TB1 80586	40.63 1.07 0.00	38.92 1.28 0.00	37.96 1.25 0.00	36.91 1.18 0.00	35.14 1.12 0.00	36.06 1.22 0.00	38.73 1.24 0.00	40.96 1.27 0.00	39.06 0.99 0.00	38.28 0.97 0.00	37.30 1.02 0.00	36.96 1.04 0.00	39.32 1.15 0.00	39.91 1.24 0.00	41.98 1.34 0.00	46.34 1.48 0.00	53.43 1.46 0.00	62.80 1.35 0.00	59.52 1.22 0.00	52.90 1.09 0.00	47.64 1.03 0.00	44.34 1.12 0.00	41.12 1.12 0.00	40.63 1.30 0.00
PATTRSNVILLE___SOLAR 323815	41.03 1.46 0.00	39.00 1.35 0.00	38.07 1.36 0.00	37.05 1.32 0.00	35.24 1.22 0.00	36.13 1.29 0.00	38.80 1.31 0.00	41.04 1.35 0.00	39.17 1.10 0.00	38.17 0.86 0.00	37.05 0.76 0.00	36.71 0.79 0.00	39.05 0.88 0.00	39.64 0.97 0.00	41.81 1.18 0.00	46.52 1.66 0.00	54.26 2.28 0.00	64.22 2.77 0.00	60.92 2.63 0.00	54.09 2.28 0.00	48.66 2.05 0.00	45.16 1.95 0.00	41.68 1.68 0.00	40.99 1.65 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	35.90 -3.64 0.02	34.31 -3.31 0.02	33.24 -3.45 0.02	32.47 -3.25 0.01	31.22 -2.79 0.00	31.74 -3.10 0.00	34.56 -2.92 0.00	36.72 -2.98 0.00	34.72 -3.35 0.00	33.98 -3.32 0.01	33.11 -3.16 0.02	32.96 -2.95 0.02	34.88 -3.28 0.02	35.30 -3.36 0.01	37.33 -3.29 0.02	41.39 -3.45 0.02	47.49 -4.47 0.02	56.53 -4.92 0.00	53.75 -4.55 0.00	47.19 -4.61 0.01	42.42 -4.20 0.00	39.40 -3.80 0.02	36.76 -3.24 0.00	36.54 -2.79 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	41.74 2.18 0.00	39.68 2.03 0.00	38.65 1.95 0.00	37.55 1.82 0.00	35.82 1.80 0.00	36.76 1.92 0.00	39.51 2.02 0.00	41.64 1.95 0.00	40.16 2.09 0.00	39.43 2.13 0.00	38.36 2.07 0.00	38.11 2.19 0.00	40.66 2.48 0.00	41.27 2.59 0.00	43.44 2.80 0.00	47.95 3.10 0.00	55.72 3.74 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.44 3.63 0.00	49.93 3.31 0.00	46.41 3.20 0.00	42.72 2.72 0.00	41.81 2.48 0.00
PEEKSKILL___ 23653	41.62 2.06 0.00	39.41 1.77 0.00	38.54 1.83 0.00	37.48 1.75 0.00	35.68 1.67 0.00	36.62 1.78 0.00	39.32 1.84 0.00	41.52 1.83 0.00	39.97 1.90 0.00	39.40 2.09 0.00	38.32 2.03 0.00	38.07 2.15 0.00	40.58 2.41 0.00	41.27 2.59 0.00	43.32 2.68 0.00	47.73 2.87 0.00	55.46 3.48 0.00	65.26 3.81 0.00	61.85 3.56 0.00	55.18 3.37 0.00	49.64 3.03 0.00	46.16 2.94 0.00	42.44 2.44 0.00	41.62 2.28 0.00
PGE MADISON___WINDPWR 24146	41.16 1.58 -0.02	38.79 1.13 -0.02	37.75 1.03 -0.02	36.77 1.04 -0.01	34.90 0.88 0.00	35.78 0.94 0.00	38.73 1.24 0.00	41.24 1.55 0.00	39.67 1.60 0.00	38.62 1.31 -0.01	37.61 1.31 -0.02	37.19 1.26 -0.02	39.45 1.26 -0.02	39.74 1.04 -0.01	41.99 1.34 -0.02	46.54 1.66 -0.02	54.59 2.60 -0.02	65.50 4.06 0.00	62.03 3.73 0.00	55.19 3.37 -0.01	49.27 2.66 0.00	45.22 1.99 -0.02	41.72 1.72 0.00	40.95 1.61 0.00

PIERCEFIELD___HYD 23852	39.68 0.12 0.00	37.72 0.08 0.00	36.67 -0.04 0.00	35.69 -0.04 0.00	33.84 -0.17 0.00	34.56 -0.28 0.00	37.30 -0.19 0.00	39.50 -0.20 0.00	37.80 -0.27 0.00	36.79 -0.52 0.00	35.78 -0.51 0.00	35.42 -0.50 0.00	37.60 -0.57 0.00	38.02 -0.66 0.00	39.94 -0.69 0.00	43.96 -0.90 0.00	50.89 -1.09 0.00	59.97 -1.47 0.00	57.07 -1.22 0.00	51.04 -0.78 0.00	46.24 -0.37 0.00	42.91 -0.30 0.00	39.68 -0.32 0.00	39.06 -0.28 0.00
PINELAWN_CC_1 323563	42.76 3.20 0.00	40.62 2.97 0.00	39.17 2.46 0.00	38.05 2.32 0.00	36.16 2.14 0.00	37.11 2.26 0.00	40.00 2.51 0.00	42.24 2.54 0.00	40.73 2.66 0.00	40.37 3.06 0.00	39.70 3.41 0.00	39.40 3.48 0.00	41.99 3.82 0.00	42.78 4.10 -0.01	44.95 4.31 -0.01	49.53 4.67 -0.01	57.41 5.25 -0.19	67.30 5.84 -0.01	63.82 5.42 -0.10	57.20 5.13 -0.26	53.77 4.85 -2.31	51.29 4.54 -3.53	44.09 4.08 -0.01	43.11 3.78 0.00
PJM_GEN_HTTP_PROXY 323702	41.97 2.41 0.00	39.71 2.07 0.00	38.76 2.05 0.00	37.66 1.93 0.00	35.85 1.84 0.00	36.83 1.98 0.00	39.51 2.02 0.00	41.80 2.10 0.00	40.24 2.17 0.00	39.73 2.42 0.00	38.65 2.36 0.00	38.40 2.48 0.00	40.93 2.75 0.00	41.62 2.94 0.00	43.72 3.09 0.00	48.13 3.27 0.00	55.88 3.90 0.00	65.63 4.18 0.00	62.14 3.85 0.00	55.49 3.68 0.00	49.93 3.31 0.00	46.46 3.24 0.00	42.76 2.76 0.00	41.89 2.56 0.00
PJM_GEN_KEystone 24065	38.80 -0.75 0.01	36.84 -0.79 0.01	36.00 -0.70 0.01	35.08 -0.64 0.00	33.54 -0.48 0.00	34.32 -0.52 0.00	37.04 -0.45 0.00	39.22 -0.47 0.00	37.54 -0.53 0.00	36.86 -0.45 0.00	35.81 -0.47 0.01	35.48 -0.43 0.01	37.82 -0.34 0.01	38.44 -0.23 0.01	40.26 -0.37 0.01	44.36 -0.49 0.01	51.35 -0.62 0.01	61.08 -0.37 0.00	57.95 -0.35 0.00	51.34 -0.47 0.00	46.20 -0.42 0.00	42.86 -0.35 0.01	39.84 -0.16 0.00	39.10 -0.23 0.00
PJM_GEN_NEPTUNE_PROXY 323594	42.25 2.69 0.00	40.13 2.48 0.00	38.76 2.05 0.00	37.69 1.96 0.00	35.82 1.80 0.00	36.76 1.92 0.00	39.59 2.10 0.00	41.80 2.10 0.00	40.31 2.25 0.00	39.96 2.65 0.00	39.23 2.94 0.00	38.97 3.05 0.00	41.54 3.36 0.00	42.24 3.56 -0.01	44.38 3.74 -0.01	48.82 3.95 -0.01	56.51 4.52 -0.01	66.31 4.85 -0.01	62.85 4.55 -0.01	56.17 4.35 -0.01	52.88 3.96 -2.31	50.57 3.84 -3.51	43.45 3.44 -0.01	42.56 3.23 0.00
PJM_GEN_VFT_PROXY 323633	41.89 2.33 0.00	39.76 2.11 -0.01	38.69 1.98 0.00	37.55 1.82 0.00	35.78 1.77 0.00	36.76 1.92 0.00	39.47 1.99 0.00	41.72 2.02 0.00	40.20 2.13 0.00	39.66 2.35 0.00	38.61 2.32 0.00	38.36 2.44 0.00	40.89 2.71 0.00	41.58 2.90 0.00	43.68 3.05 0.00	48.04 3.19 0.00	55.77 3.79 0.00	65.44 3.99 0.00	62.03 3.73 0.00	55.38 3.57 0.00	49.88 3.26 0.00	46.37 3.15 0.00	42.72 2.72 0.00	41.81 2.48 0.00
PLATSBURG_115KV_PMLD1 355749	39.48 -0.08 0.00	37.53 -0.11 0.00	36.45 -0.26 0.00	35.30 -0.43 0.00	33.40 -0.61 0.00	34.04 -0.80 0.00	36.74 -0.75 0.00	38.86 -0.83 0.00	37.19 -0.88 0.00	36.23 -1.08 0.00	35.13 -1.16 0.00	34.70 -1.22 0.00	36.84 -1.34 0.00	37.25 -1.43 0.00	39.09 -1.54 0.00	43.20 -1.66 0.00	50.21 -1.77 0.00	59.17 -2.27 0.00	56.31 -1.98 0.00	50.10 -1.71 0.00	45.17 -1.45 0.00	41.79 -1.43 0.00	38.68 -1.32 0.00	38.04 -1.30 0.00
PLEASANTVLY___LBMP 24000	41.30 1.74 0.00	39.30 1.66 0.00	38.29 1.58 0.00	37.19 1.46 0.00	35.51 1.50 0.00	36.44 1.60 0.00	39.10 1.61 0.00	41.28 1.59 0.00	39.74 1.68 0.00	39.14 1.83 0.00	38.07 1.78 0.00	37.79 1.87 0.00	40.27 2.10 0.00	40.88 2.20 0.00	42.99 2.36 0.00	47.42 2.56 0.00	55.04 3.07 0.00	64.71 3.26 0.00	61.33 3.03 0.00	54.71 2.90 0.00	49.23 2.61 0.00	45.77 2.55 0.00	42.20 2.20 0.00	41.34 2.01 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	41.70 2.14 0.00	39.64 2.00 0.00	38.58 1.87 0.00	37.44 1.71 0.00	35.78 1.77 0.00	36.72 1.88 0.00	39.40 1.91 0.00	41.64 1.95 0.00	40.09 2.02 0.00	39.51 2.20 0.00	38.43 2.14 0.00	38.18 2.26 0.00	40.69 2.52 0.00	41.35 2.67 0.00	43.48 2.84 0.00	47.91 3.05 0.00	55.67 3.69 0.00	65.44 3.99 0.00	62.03 3.73 0.00	55.34 3.52 0.00	49.79 3.17 0.00	46.28 3.07 0.00	42.68 2.68 0.00	41.73 2.40 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	41.70 2.14 0.00	39.64 2.00 0.00	38.58 1.87 0.00	37.44 1.71 0.00	35.78 1.77 0.00	36.72 1.88 0.00	39.40 1.91 0.00	41.64 1.95 0.00	40.09 2.02 0.00	39.51 2.20 0.00	38.43 2.14 0.00	38.18 2.26 0.00	40.69 2.52 0.00	41.35 2.67 0.00	43.48 2.84 0.00	47.91 3.05 0.00	55.67 3.69 0.00	65.44 3.99 0.00	62.03 3.73 0.00	55.34 3.52 0.00	49.79 3.17 0.00	46.28 3.07 0.00	42.68 2.68 0.00	41.73 2.40 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	41.50 1.94 0.00	39.45 1.81 0.00	38.43 1.73 0.00	37.34 1.61 0.00	35.61 1.60 0.00	36.58 1.74 0.00	39.25 1.76 0.00	41.44 1.75 0.00	39.90 1.83 0.00	39.17 1.87 0.00	38.10 1.81 0.00	37.82 1.90 0.00	40.35 2.18 0.00	40.96 2.28 0.00	43.11 2.48 0.00	47.55 2.69 0.00	55.25 3.27 0.00	65.07 3.63 0.00	61.68 3.38 0.00	54.92 3.11 0.00	49.41 2.80 0.00	45.94 2.72 0.00	42.36 2.36 0.00	41.50 2.16 0.00
POLETTI_____ 23519	41.62 2.06 0.00	39.34 1.69 0.00	38.36 1.65 0.00	37.09 1.36 0.00	35.85 1.84 0.00	36.31 1.46 0.00	38.88 1.39 0.00	41.08 1.39 0.00	39.63 1.56 0.00	39.17 1.87 0.00	38.03 1.74 0.00	37.89 1.98 0.00	40.39 2.21 0.00	41.04 2.36 0.00	43.11 2.48 0.00	47.28 2.42 0.00	54.84 2.86 0.00	64.21 2.77 0.00	60.80 2.51 0.00	54.51 2.69 0.00	49.09 2.47 0.00	45.72 2.51 0.00	42.16 2.16 0.00	41.14 1.81 0.00
POMONA___ESR 323819	41.62 2.06 0.00	39.45 1.81 0.00	38.58 1.87 0.00	37.48 1.75 0.00	35.68 1.67 0.00	36.62 1.78 0.00	39.32 1.84 0.00	41.52 1.83 0.00	40.01 1.94 0.00	39.40 2.09 0.00	38.32 2.03 0.00	38.07 2.15 0.00	40.58 2.41 0.00	41.27 2.59 0.00	43.32 2.68 0.00	47.69 2.83 0.00	55.46 3.48 0.00	65.26 3.81 0.00	61.85 3.56 0.00	55.18 3.37 0.00	49.64 3.03 0.00	46.16 2.94 0.00	42.48 2.48 0.00	41.62 2.28 0.00
PORT_JEFF_3 23555	42.69 3.12 0.00	40.54 2.90 0.00	39.06 2.35 0.00	37.94 2.22 0.00	36.05 2.04 0.00	37.00 2.16 0.00	39.89 2.40 0.00	42.12 2.42 0.00	40.66 2.59 0.00	40.37 3.06 0.00	39.81 3.52 0.00	39.51 3.59 0.00	42.03 3.85 0.00	42.83 4.14 -0.01	45.03 4.39 -0.01	49.62 4.75 -0.01	61.51 5.46 -4.08	67.15 5.65 -0.05	65.78 5.36 -2.13	62.73 5.23 -5.69	53.82 4.89 -2.31	51.31 4.58 -3.52	43.97 3.96 -0.01	43.03 3.70 0.00
PORT_JEFF_4 23616	42.69 3.12 0.00	40.54 2.90 0.00	39.06 2.35 0.00	37.94 2.22 0.00	36.05 2.04 0.00	37.00 2.16 0.00	39.89 2.40 0.00	42.12 2.42 0.00	40.66 2.59 0.00	40.37 3.06 0.00	39.81 3.52 0.00	39.51 3.59 0.00	42.03 3.85 0.00	42.83 4.14 -0.01	45.03 4.39 -0.01	49.62 4.75 -0.01	61.51 5.46 -4.08	67.15 5.65 -0.05	65.78 5.36 -2.13	62.73 5.23 -5.69	53.82 4.89 -2.31	51.31 4.58 -3.52	43.97 3.96 -0.01	43.03 3.70 0.00

PORT_JEFF_IC 23713	42.69 3.13 0.00	40.58 2.94 0.00	38.98 2.28 0.00	37.84 2.11 0.00	36.16 2.14 0.00	37.04 2.20 0.00	39.96 2.47 0.00	42.19 2.50 0.00	40.73 2.66 0.00	40.44 3.13 0.00	39.88 3.59 0.00	39.58 3.66 0.00	42.11 3.93 0.00	42.82 4.14 0.00	45.15 4.51 0.00	49.80 4.93 -0.01	61.89 5.61 -4.29	67.40 5.90 -0.05	66.13 5.60 -2.24	63.24 5.44 -5.99	53.96 5.03 -2.31	51.40 4.67 -3.52	44.12 4.12 0.00	43.11 3.78 0.00
PPL PILGRIM_ST_GT1 24216	43.08 3.52 0.00	40.92 3.27 0.00	39.42 2.72 0.00	38.30 2.57 0.00	36.39 2.38 0.00	37.35 2.51 0.00	40.30 2.81 0.00	42.51 2.82 0.00	41.00 2.93 0.00	40.67 3.36 0.00	40.03 3.74 0.00	39.72 3.81 0.00	42.34 4.16 0.00	43.13 4.45 -0.01	45.35 4.71 -0.01	50.02 5.16 -0.01	57.61 5.25 -0.38	67.42 5.96 -0.01	63.86 5.36 -0.20	57.52 5.18 -0.53	54.28 5.36 -2.31	51.45 4.71 -3.52	44.41 4.40 -0.01	43.46 4.13 0.00
PPL PILGRIM_ST_GT2 24217	43.08 3.52 0.00	40.92 3.27 0.00	39.42 2.72 0.00	38.30 2.57 0.00	36.39 2.38 0.00	37.35 2.51 0.00	40.30 2.81 0.00	42.51 2.82 0.00	41.00 2.93 0.00	40.67 3.36 0.00	40.03 3.74 0.00	39.72 3.81 0.00	42.34 4.16 0.00	43.13 4.45 -0.01	45.35 4.71 -0.01	50.02 5.16 -0.01	57.61 5.25 -0.38	67.42 5.96 -0.01	63.86 5.36 -0.20	57.52 5.18 -0.53	54.28 5.36 -2.31	51.45 4.71 -3.52	44.41 4.40 -0.01	43.46 4.13 0.00
PPL_SHRM_GT3 24213	42.92 3.36 0.00	40.81 3.16 0.00	39.21 2.50 0.00	38.09 2.36 0.00	36.19 2.18 0.00	37.18 2.33 0.00	40.07 2.58 0.00	42.35 2.66 0.00	40.89 2.82 0.00	40.67 3.36 0.00	40.13 3.84 0.00	39.83 3.92 0.00	42.34 4.16 0.00	43.09 4.41 -0.01	45.35 4.71 -0.01	50.02 5.16 -0.01	62.16 6.13 -4.05	68.20 6.70 -0.05	66.76 6.36 -2.11	63.42 5.96 -5.65	54.23 5.31 -2.31	51.62 4.88 -3.52	44.17 4.16 -0.01	43.27 3.93 0.00
PPL_SHRM_GT4 24214	42.92 3.36 0.00	40.81 3.16 0.00	39.21 2.50 0.00	38.09 2.36 0.00	36.19 2.18 0.00	37.18 2.33 0.00	40.07 2.58 0.00	42.35 2.66 0.00	40.89 2.82 0.00	40.67 3.36 0.00	40.13 3.84 0.00	39.83 3.92 0.00	42.34 4.16 0.00	43.09 4.41 -0.01	45.35 4.71 -0.01	50.02 5.16 -0.01	62.16 6.13 -4.05	68.20 6.70 -0.05	66.76 6.36 -2.11	63.42 5.96 -5.65	54.23 5.31 -2.31	51.62 4.88 -3.52	44.17 4.16 -0.01	43.27 3.93 0.00
PROJECT___ORANGE 1 24174	39.05 -0.51 0.00	37.15 -0.49 0.00	36.23 -0.48 0.00	35.30 -0.43 0.00	33.67 -0.34 0.00	34.49 -0.35 0.00	37.15 -0.34 0.00	39.42 -0.28 0.00	37.84 -0.23 0.00	37.08 -0.22 0.00	36.14 -0.15 0.00	35.67 -0.25 0.00	37.91 -0.27 0.00	38.41 -0.27 0.00	40.31 -0.33 0.00	44.50 -0.36 0.00	51.51 -0.47 0.00	61.14 -0.31 0.00	57.94 -0.35 0.00	51.40 -0.41 0.00	46.20 -0.42 0.00	42.74 -0.48 0.00	39.60 -0.40 0.00	38.90 -0.43 0.00
PROJECT___ORANGE 2 24166	39.05 -0.51 0.00	37.15 -0.49 0.00	36.23 -0.48 0.00	35.30 -0.43 0.00	33.67 -0.34 0.00	34.49 -0.35 0.00	37.15 -0.34 0.00	39.42 -0.28 0.00	37.84 -0.23 0.00	37.08 -0.22 0.00	36.14 -0.15 0.00	35.67 -0.25 0.00	37.91 -0.27 0.00	38.41 -0.27 0.00	40.31 -0.33 0.00	44.50 -0.36 0.00	51.51 -0.47 0.00	61.14 -0.31 0.00	57.94 -0.35 0.00	51.40 -0.41 0.00	46.20 -0.42 0.00	42.74 -0.48 0.00	39.60 -0.40 0.00	38.90 -0.43 0.00
PUCKETT___SOLAR 323809	39.80 0.24 0.00	37.79 0.15 0.00	36.86 0.15 0.00	35.94 0.22 0.00	34.22 0.21 0.00	35.05 0.21 0.00	37.82 0.34 0.00	40.13 0.44 0.00	38.49 0.42 0.00	37.64 0.34 0.00	36.65 0.36 0.00	36.20 0.29 0.00	38.52 0.34 0.00	38.99 0.31 0.00	41.04 0.41 0.00	45.35 0.49 0.00	52.76 0.78 0.00	62.92 1.47 0.00	59.69 1.40 0.00	52.95 1.14 0.00	47.55 0.93 0.00	43.87 0.65 0.00	40.60 0.60 0.00	39.84 0.51 0.00
PYRITES___HYD 24023	40.27 0.71 0.00	38.25 0.60 0.00	37.18 0.48 0.00	36.19 0.46 0.00	34.29 0.27 0.00	35.05 0.21 0.00	37.86 0.37 0.00	40.09 0.40 0.00	38.26 0.19 0.00	37.08 -0.22 0.00	36.03 -0.25 0.00	35.70 -0.22 0.00	37.83 -0.34 0.00	38.25 -0.43 0.00	40.27 -0.37 0.00	44.46 -0.40 0.00	51.77 -0.21 0.00	61.20 -0.25 0.00	58.41 0.12 0.00	52.17 0.36 0.00	47.08 0.47 0.00	43.65 0.43 0.00	40.36 0.36 0.00	39.69 0.35 0.00
QUAKERRD_115KV_BK1 80622	36.87 -2.69 0.01	35.04 -2.60 0.01	34.28 -2.42 0.01	33.55 -2.18 0.00	32.04 -1.97 0.00	32.75 -2.09 0.00	35.35 -2.14 0.00	37.55 -2.14 0.00	35.90 -2.17 0.00	35.18 -2.13 0.00	34.07 -2.21 0.01	33.58 -2.33 0.01	35.99 -2.18 0.01	36.55 -2.13 0.00	38.15 -2.48 0.01	42.07 -2.78 0.01	48.44 -3.53 0.01	58.44 -3.01 0.00	55.44 -2.86 0.00	48.80 -3.01 0.00	43.96 -2.66 0.00	40.57 -2.64 0.01	37.76 -2.24 0.00	37.21 -2.12 0.00
QUENSBRY_115KV_TB8 356137	42.21 2.65 0.00	40.13 2.48 0.00	39.13 2.42 0.00	38.05 2.32 0.00	36.22 2.21 0.00	37.21 2.37 0.00	39.96 2.47 0.00	42.35 2.66 0.00	40.54 2.47 0.00	39.62 2.31 0.00	38.61 2.32 0.00	38.25 2.33 0.00	40.66 2.48 0.00	41.19 2.51 0.00	43.32 2.68 0.00	48.13 3.27 0.00	55.93 3.95 0.00	66.18 4.73 0.00	62.72 4.43 0.00	55.59 3.78 0.00	50.11 3.50 0.00	46.46 3.24 0.00	42.92 2.92 0.00	42.25 2.91 0.00
RAMAPO___LBMP 323565	41.42 1.86 0.00	39.34 1.69 0.00	38.36 1.65 0.00	37.26 1.54 0.00	35.58 1.56 0.00	36.51 1.67 0.00	39.21 1.72 0.00	41.44 1.75 0.00	39.90 1.83 0.00	39.29 1.98 0.00	38.21 1.92 0.00	37.97 2.05 0.00	40.47 2.29 0.00	41.08 2.40 0.00	43.15 2.52 0.00	47.60 2.74 0.00	55.30 3.33 0.00	65.01 3.56 0.00	61.62 3.32 0.00	54.97 3.16 0.00	49.46 2.84 0.00	45.98 2.77 0.00	42.40 2.40 0.00	41.50 2.16 0.00
RANKINE____ 23646	35.59 -3.96 0.02	33.98 -3.65 0.02	33.13 -3.56 0.02	32.43 -3.29 0.01	31.16 -2.86 0.00	31.71 -3.14 0.00	34.49 -3.00 0.00	36.64 -3.06 0.00	34.64 -3.43 0.00	33.90 -3.40 0.01	32.79 -3.48 0.02	32.45 -3.45 0.02	34.65 -3.51 0.02	35.14 -3.52 0.01	36.72 -3.90 0.02	40.63 -4.22 0.02	46.56 -5.41 0.02	56.29 -5.16 0.00	53.57 -4.72 0.00	46.93 -4.87 0.01	42.23 -4.38 0.00	39.09 -4.11 0.02	36.64 -3.36 0.00	36.46 -2.87 0.00
RAVENSWOOD_GT2_1 24244	41.94 2.37 0.00	39.86 2.22 0.00	38.73 2.02 0.00	37.55 1.82 0.00	35.92 1.90 0.00	36.86 2.02 0.00	39.59 2.10 0.00	41.84 2.14 0.00	40.28 2.21 0.00	39.77 2.46 0.00	38.68 2.40 0.00	38.47 2.55 0.00	41.00 2.82 0.00	41.62 2.94 0.00	43.76 3.13 0.00	48.22 3.36 0.00	55.98 4.00 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.59 3.78 0.00	50.02 3.40 0.00	46.54 3.33 0.00	42.96 2.96 0.00	41.97 2.64 0.00
RAVENSWOOD_GT2_2 24245	41.94 2.37 0.00	39.86 2.22 0.00	38.73 2.02 0.00	37.55 1.82 0.00	35.92 1.90 0.00	36.86 2.02 0.00	39.59 2.10 0.00	41.84 2.14 0.00	40.28 2.21 0.00	39.77 2.46 0.00	38.68 2.40 0.00	38.47 2.55 0.00	41.00 2.82 0.00	41.62 2.94 0.00	43.76 3.13 0.00	48.22 3.36 0.00	55.98 4.00 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.59 3.78 0.00	50.02 3.40 0.00	46.54 3.33 0.00	42.96 2.96 0.00	41.97 2.64 0.00

RAVENSWOOD_GT2_3 24246	41.97 2.41 0.00	39.90 2.26 0.00	38.76 2.06 0.00	37.55 1.82 0.00	35.95 1.94 0.00	36.90 2.06 0.00	39.59 2.10 0.00	41.88 2.18 0.00	40.31 2.25 0.00	39.81 2.50 0.00	38.72 2.43 0.00	38.47 2.55 0.00	41.00 2.82 0.00	41.66 2.98 0.00	43.80 3.17 0.00	48.22 3.36 0.00	55.98 4.00 0.00	65.69 4.24 0.00	62.26 3.96 0.00	55.59 3.78 0.00	50.07 3.45 0.00	46.59 3.37 0.00	42.96 2.96 0.00	41.97 2.64 0.00
RAVENSWOOD_GT2_4 24247	41.97 2.41 0.00	39.90 2.26 0.00	38.76 2.06 0.00	37.55 1.82 0.00	35.95 1.94 0.00	36.90 2.06 0.00	39.59 2.10 0.00	41.88 2.18 0.00	40.31 2.25 0.00	39.81 2.50 0.00	38.72 2.43 0.00	38.47 2.55 0.00	41.00 2.82 0.00	41.66 2.98 0.00	43.80 3.17 0.00	48.22 3.36 0.00	55.98 4.00 0.00	65.69 4.24 0.00	62.26 3.96 0.00	55.59 3.78 0.00	50.07 3.45 0.00	46.59 3.37 0.00	42.96 2.96 0.00	41.97 2.64 0.00
RAVENSWOOD_GT3_1 24248	41.97 2.41 0.00	39.90 2.26 0.00	38.73 2.02 0.00	37.55 1.82 0.00	35.92 1.90 0.00	36.86 2.02 0.00	39.59 2.10 0.00	41.84 2.14 0.00	40.31 2.25 0.00	39.77 2.46 0.00	38.68 2.40 0.00	38.47 2.55 0.00	41.00 2.82 0.00	41.62 2.94 0.00	43.80 3.17 0.00	48.22 3.36 0.00	55.98 4.00 0.00	65.69 4.24 0.00	62.26 3.96 0.00	55.59 3.78 0.00	50.02 3.40 0.00	46.59 3.37 0.00	42.96 2.96 0.00	41.97 2.64 0.00
RAVENSWOOD_GT3_2 24249	41.97 2.41 0.00	39.90 2.26 0.00	38.73 2.02 0.00	37.55 1.82 0.00	35.92 1.90 0.00	36.86 2.02 0.00	39.59 2.10 0.00	41.84 2.14 0.00	40.31 2.25 0.00	39.77 2.46 0.00	38.68 2.40 0.00	38.47 2.55 0.00	41.00 2.82 0.00	41.62 2.94 0.00	43.80 3.17 0.00	48.22 3.36 0.00	55.98 4.00 0.00	65.69 4.24 0.00	62.26 3.96 0.00	55.59 3.78 0.00	50.02 3.40 0.00	46.59 3.37 0.00	42.96 2.96 0.00	41.97 2.64 0.00
RAVENSWOOD_GT3_3 24250	42.01 2.45 0.00	39.94 2.30 0.00	38.76 2.06 0.00	37.59 1.86 0.00	35.95 1.94 0.00	36.90 2.06 0.00	39.62 2.14 0.00	41.88 2.18 0.00	40.35 2.28 0.00	39.81 2.50 0.00	38.76 2.47 0.00	38.50 2.59 0.00	41.04 2.86 0.00	41.69 3.02 0.00	43.85 3.21 0.00	48.27 3.41 0.00	56.03 4.05 0.00	65.75 4.30 0.00	62.32 4.02 0.00	55.65 3.83 0.00	50.11 3.50 0.00	46.63 3.41 0.00	43.00 3.00 0.00	42.01 2.67 0.00
RAVENSWOOD_GT3_4 24251	42.01 2.45 0.00	39.94 2.30 0.00	38.76 2.06 0.00	37.59 1.86 0.00	35.95 1.94 0.00	36.90 2.06 0.00	39.62 2.14 0.00	41.88 2.18 0.00	40.35 2.28 0.00	39.81 2.50 0.00	38.76 2.47 0.00	38.50 2.59 0.00	41.04 2.86 0.00	41.69 3.02 0.00	43.85 3.21 0.00	48.27 3.41 0.00	56.03 4.05 0.00	65.75 4.30 0.00	62.32 4.02 0.00	55.65 3.83 0.00	50.11 3.50 0.00	46.63 3.41 0.00	43.00 3.00 0.00	42.01 2.67 0.00
RAVENSWOOD_GT_1 23729	42.09 2.53 0.00	39.94 2.30 0.00	38.84 2.13 0.00	37.59 1.86 0.00	36.02 2.01 0.00	36.90 2.06 0.00	39.59 2.10 0.00	41.84 2.14 0.00	40.28 2.21 0.00	39.81 2.50 0.00	38.72 2.43 0.00	38.50 2.59 0.00	41.04 2.86 0.00	41.69 3.02 0.00	43.85 3.21 0.00	48.22 3.36 0.00	55.93 3.95 0.00	65.50 4.06 0.00	62.03 3.73 0.00	55.59 3.78 0.00	50.07 3.45 0.00	46.63 3.41 0.00	43.00 3.00 0.00	42.01 2.67 0.00
RAVENSWOOD_GT_10 24258	41.94 2.37 0.00	39.86 2.22 0.00	38.73 2.02 0.00	37.55 1.82 0.00	35.92 1.90 0.00	36.86 2.02 0.00	39.59 2.10 0.00	41.84 2.14 0.00	40.31 2.25 0.00	39.77 2.46 0.00	38.68 2.40 0.00	38.47 2.55 0.00	41.00 2.82 0.00	41.62 2.94 0.00	43.80 3.17 0.00	48.22 3.36 0.00	55.98 4.00 0.00	65.69 4.24 0.00	62.26 3.96 0.00	55.59 3.78 0.00	50.02 3.40 0.00	46.59 3.37 0.00	42.96 2.96 0.00	41.97 2.64 0.00
RAVENSWOOD_GT_11 24259	41.94 2.37 0.00	39.86 2.22 0.00	38.73 2.02 0.00	37.55 1.82 0.00	35.92 1.90 0.00	36.86 2.02 0.00	39.59 2.10 0.00	41.84 2.14 0.00	40.31 2.25 0.00	39.77 2.46 0.00	38.68 2.40 0.00	38.47 2.55 0.00	41.00 2.82 0.00	41.62 2.94 0.00	43.80 3.17 0.00	48.22 3.36 0.00	55.98 4.00 0.00	65.69 4.24 0.00	62.26 3.96 0.00	55.59 3.78 0.00	50.02 3.40 0.00	46.59 3.37 0.00	42.96 2.96 0.00	41.97 2.64 0.00
RAVENSWOOD_GT_4 24252	41.97 2.41 0.00	39.90 2.26 0.00	38.76 2.06 0.00	37.55 1.82 0.00	35.95 1.94 0.00	36.86 2.02 0.00	39.59 2.10 0.00	41.84 2.14 0.00	40.28 2.21 0.00	39.77 2.46 0.00	38.68 2.40 0.00	38.47 2.55 0.00	41.00 2.82 0.00	41.66 2.98 0.00	43.80 3.17 0.00	48.18 3.32 0.00	55.93 3.95 0.00	65.57 4.12 0.00	62.14 3.85 0.00	55.54 3.73 0.00	50.02 3.40 0.00	46.54 3.33 0.00	42.96 2.96 0.00	41.97 2.64 0.00
RAVENSWOOD_GT_5 24254	41.97 2.41 0.00	39.90 2.26 0.00	38.76 2.06 0.00	37.55 1.82 0.00	35.95 1.94 0.00	36.86 2.02 0.00	39.59 2.10 0.00	41.84 2.14 0.00	40.28 2.21 0.00	39.77 2.46 0.00	38.68 2.40 0.00	38.47 2.55 0.00	41.00 2.82 0.00	41.66 2.98 0.00	43.80 3.17 0.00	48.18 3.32 0.00	55.93 3.95 0.00	65.57 4.12 0.00	62.14 3.85 0.00	55.54 3.73 0.00	50.02 3.40 0.00	46.54 3.33 0.00	42.96 2.96 0.00	41.97 2.64 0.00
RAVENSWOOD_GT_6 24253	41.97 2.41 0.00	39.90 2.26 0.00	38.76 2.06 0.00	37.55 1.82 0.00	35.95 1.94 0.00	36.86 2.02 0.00	39.59 2.10 0.00	41.84 2.14 0.00	40.28 2.21 0.00	39.77 2.46 0.00	38.68 2.40 0.00	38.47 2.55 0.00	41.00 2.82 0.00	41.66 2.98 0.00	43.80 3.17 0.00	48.18 3.32 0.00	55.93 3.95 0.00	65.57 4.12 0.00	62.14 3.85 0.00	55.54 3.73 0.00	50.02 3.40 0.00	46.54 3.33 0.00	42.96 2.96 0.00	41.97 2.64 0.00
RAVENSWOOD_GT_7 24255	41.97 2.41 0.00	39.90 2.26 0.00	38.76 2.06 0.00	37.55 1.82 0.00	35.95 1.94 0.00	36.86 2.02 0.00	39.59 2.10 0.00	41.84 2.14 0.00	40.28 2.21 0.00	39.77 2.46 0.00	38.68 2.40 0.00	38.47 2.55 0.00	41.00 2.82 0.00	41.66 2.98 0.00	43.80 3.17 0.00	48.18 3.32 0.00	55.93 3.95 0.00	65.57 4.12 0.00	62.14 3.85 0.00	55.54 3.73 0.00	50.02 3.40 0.00	46.54 3.33 0.00	42.96 2.96 0.00	41.97 2.64 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	41.94 2.37 0.00	39.86 2.22 0.00	38.73 2.02 0.00	37.55 1.82 0.00	35.92 1.90 0.00	36.86 2.02 0.00	39.59 2.10 0.00	41.84 2.14 0.00	40.31 2.25 0.00	39.77 2.46 0.00	38.68 2.40 0.00	38.47 2.55 0.00	41.00 2.82 0.00	41.62 2.94 0.00	43.80 3.17 0.00	48.22 3.36 0.00	55.98 4.00 0.00	65.69 4.24 0.00	62.26 3.96 0.00	55.59 3.78 0.00	50.02 3.40 0.00	46.59 3.37 0.00	42.96 2.96 0.00	41.97 2.64 0.00
RAVENSWOOD_GT_9 24257	41.94 2.37 0.00	39.86 2.22 0.00	38.73 2.02 0.00	37.55 1.82 0.00	35.92 1.90 0.00	36.86 2.02 0.00	39.59 2.10 0.00	41.84 2.14 0.00	40.31 2.25 0.00	39.77 2.46 0.00	38.68 2.40 0.00	38.47 2.55 0.00	41.00 2.82 0.00	41.62 2.94 0.00	43.80 3.17 0.00	48.22 3.36 0.00	55.98 4.00 0.00	65.69 4.24 0.00	62.26 3.96 0.00	55.59 3.78 0.00	50.02 3.40 0.00	46.59 3.37 0.00	42.96 2.96 0.00	41.97 2.64 0.00

RAVENSWOOD___1 23533	42.17 2.61 0.00	39.95 2.30 -0.01	38.98 2.28 0.00	37.80 2.07 0.00	36.05 2.04 0.00	36.93 2.09 0.00	39.59 2.10 0.00	41.80 2.10 0.00	40.28 2.21 0.00	39.77 2.46 0.00	38.72 2.43 0.00	38.51 2.59 0.00	41.04 2.86 0.00	41.73 3.05 0.00	43.81 3.17 0.00	48.13 3.27 0.00	55.88 3.90 0.00	65.44 3.99 0.00	62.03 3.73 0.00	55.54 3.73 0.00	50.02 3.40 0.00	46.59 3.37 0.00	42.88 2.88 0.00	42.01 2.68 0.00
RAVENSWOOD___2 23534	42.17 2.61 0.00	39.95 2.30 -0.01	38.98 2.28 0.00	37.80 2.07 0.00	36.05 2.04 0.00	36.93 2.09 0.00	39.55 2.06 0.00	41.80 2.10 0.00	40.24 2.17 0.00	39.77 2.46 0.00	38.68 2.39 0.00	38.47 2.55 0.00	41.00 2.82 0.00	41.73 3.05 0.00	43.81 3.17 0.00	48.13 3.27 0.00	55.88 3.90 0.00	65.44 3.99 0.00	62.03 3.73 0.00	55.54 3.73 0.00	50.02 3.40 0.00	46.59 3.37 0.00	42.88 2.88 0.00	41.97 2.64 0.00
RAVENSWOOD___3 23535	42.06 2.49 0.00	39.91 2.26 -0.01	38.87 2.17 0.00	37.73 2.00 0.00	35.95 1.94 0.00	36.90 2.06 0.00	39.59 2.10 0.00	41.84 2.14 0.00	40.31 2.25 0.00	39.77 2.46 0.00	38.68 2.39 0.00	38.47 2.55 0.00	41.00 2.82 0.00	41.70 3.02 0.00	43.76 3.13 0.00	48.18 3.32 0.00	55.98 4.00 0.00	65.69 4.24 0.00	62.26 3.97 0.00	55.59 3.78 0.00	50.02 3.40 0.00	46.54 3.33 0.00	42.84 2.84 0.00	41.97 2.64 0.00
RAVENSWOOD___4 23820	42.13 2.57 0.00	39.91 2.26 -0.01	38.98 2.28 0.00	37.76 2.04 0.00	36.02 2.01 0.00	36.93 2.09 0.00	39.55 2.06 0.00	41.80 2.10 0.00	40.24 2.17 0.00	39.77 2.46 0.00	38.68 2.39 0.00	38.47 2.55 0.00	41.00 2.82 0.00	41.70 3.02 0.00	43.76 3.13 0.00	48.13 3.27 0.00	55.82 3.85 0.00	65.44 3.99 0.00	62.03 3.73 0.00	55.54 3.73 0.00	50.02 3.40 0.00	46.54 3.33 0.00	42.84 2.84 0.00	41.97 2.64 0.00
RCPL_TRUST___DRP 24196	41.90 2.33 0.00	39.71 2.07 0.00	38.69 1.98 0.00	37.51 1.79 0.00	35.88 1.87 0.00	36.86 2.02 0.00	39.59 2.10 0.00	41.84 2.14 0.00	40.28 2.21 0.00	39.77 2.46 0.00	38.68 2.40 0.00	38.47 2.55 0.00	41.00 2.82 0.00	41.62 2.94 0.00	43.76 3.13 0.00	48.22 3.36 0.00	55.98 4.00 0.00	65.69 4.24 0.00	62.26 3.96 0.00	55.54 3.73 0.00	49.97 3.36 0.00	46.54 3.33 0.00	42.92 2.92 0.00	41.93 2.60 0.00
RED___ROCHESTER 323720	37.26 -2.30 0.01	35.68 -1.96 0.01	34.53 -2.17 0.01	33.83 -1.89 0.00	32.62 -1.40 0.00	33.38 -1.46 0.00	36.06 -1.42 0.00	38.34 -1.35 0.00	36.62 -1.45 0.00	35.81 -1.49 0.00	34.65 -1.63 0.01	34.19 -1.72 0.01	36.76 -1.41 0.01	37.12 -1.55 0.01	38.96 -1.67 0.01	43.10 -1.75 0.01	49.53 -2.44 0.01	59.91 -1.53 0.00	56.89 -1.40 0.00	49.94 -1.86 0.00	45.03 -1.59 0.00	41.52 -1.69 0.01	38.88 -1.12 0.00	38.11 -1.22 0.00
REGAN___SOLAR 323812	41.66 2.10 0.00	39.56 1.92 0.00	38.62 1.91 0.00	37.55 1.82 0.00	35.71 1.70 0.00	36.69 1.85 0.00	39.32 1.84 0.00	41.64 1.94 0.00	39.55 1.48 0.00	38.24 0.93 0.00	36.94 0.65 0.00	36.57 0.65 0.00	38.94 0.76 0.00	39.60 0.93 0.00	41.97 1.34 0.00	47.06 2.20 0.00	55.31 3.33 0.00	65.69 4.24 0.00	62.31 4.02 0.00	55.28 3.47 0.00	49.64 3.03 0.00	46.11 2.90 0.00	42.48 2.48 0.00	41.69 2.36 0.00
RENSSELAER___COGEN 23796	40.47 0.91 0.00	38.74 1.09 0.00	37.81 1.10 0.00	36.80 1.07 0.00	34.96 0.95 0.00	35.89 1.04 0.00	38.54 1.05 0.00	40.77 1.07 0.00	38.87 0.80 0.00	38.13 0.82 0.00	37.12 0.84 0.00	36.78 0.86 0.00	39.13 0.95 0.00	39.76 1.08 0.00	41.73 1.10 0.00	46.07 1.21 0.00	53.17 1.20 0.00	62.49 1.04 0.00	59.22 0.93 0.00	52.69 0.88 0.00	47.41 0.79 0.00	44.13 0.91 0.00	40.88 0.88 0.00	40.43 1.10 0.00
REPUBLIC_115KV_BARTNBRK 55605	43.72 4.15 0.00	41.52 3.88 0.00	40.49 3.78 0.00	39.37 3.64 0.00	37.45 3.44 0.00	38.53 3.69 0.00	41.35 3.86 0.00	43.82 4.13 0.00	41.88 3.81 0.00	40.78 3.47 0.00	39.77 3.48 0.00	39.37 3.45 0.00	41.80 3.63 0.00	42.39 3.71 0.00	44.62 3.98 0.00	49.75 4.89 0.00	58.06 6.08 0.00	69.01 7.56 0.00	65.52 7.23 0.00	57.93 6.11 0.00	52.16 5.55 0.00	48.36 5.14 0.00	44.56 4.56 0.00	43.82 4.48 0.00
REVERE_CPPR_DRP 24186	40.47 0.91 0.00	38.40 0.75 0.00	37.44 0.73 0.00	36.51 0.79 0.00	34.69 0.68 0.00	35.61 0.77 0.00	38.35 0.86 0.00	40.69 0.99 0.00	39.06 0.99 0.00	38.13 0.82 0.00	37.16 0.87 0.00	36.78 0.86 0.00	39.05 0.88 0.00	39.49 0.81 0.00	41.61 0.98 0.00	45.98 1.12 0.00	53.54 1.56 0.00	63.60 2.15 0.00	60.28 1.98 0.00	53.63 1.81 0.00	48.06 1.45 0.00	44.51 1.30 0.00	41.16 1.16 0.00	40.44 1.10 0.00
REYNLDPA_13_KV_LD 356490	39.60 0.04 0.00	37.68 0.04 0.00	36.67 -0.04 0.00	35.66 -0.07 0.00	33.88 -0.14 0.00	34.60 -0.24 0.00	37.34 -0.15 0.00	39.54 -0.16 0.00	37.88 -0.19 0.00	36.97 -0.34 0.00	35.96 -0.33 0.00	35.59 -0.32 0.00	37.79 -0.38 0.00	38.25 -0.42 0.00	40.19 -0.45 0.00	44.37 -0.49 0.00	51.46 -0.52 0.00	60.71 -0.73 0.00	57.71 -0.58 0.00	51.34 -0.47 0.00	46.29 -0.32 0.00	42.87 -0.35 0.00	39.64 -0.36 0.00	39.06 -0.27 0.00
REYNOLDS_115KV_TB3 80639	40.79 1.23 0.00	38.96 1.32 0.00	38.03 1.32 0.00	36.98 1.25 0.00	35.20 1.19 0.00	36.10 1.25 0.00	38.76 1.27 0.00	41.00 1.31 0.00	39.21 1.14 0.00	38.46 1.16 0.00	37.45 1.16 0.00	37.10 1.19 0.00	39.47 1.30 0.00	40.07 1.39 0.00	42.14 1.50 0.00	46.52 1.66 0.00	53.64 1.66 0.00	62.98 1.54 0.00	59.69 1.40 0.00	53.11 1.30 0.00	47.83 1.21 0.00	44.47 1.25 0.00	41.16 1.16 0.00	40.75 1.42 0.00
RIVERBAY____ 323610	42.57 3.01 0.00	40.24 2.60 0.00	39.28 2.57 0.00	37.94 2.22 0.00	36.50 2.48 0.00	37.21 2.37 0.00	39.81 2.32 0.00	42.04 2.34 0.00	40.47 2.40 0.00	39.99 2.69 0.00	38.90 2.61 0.00	38.68 2.77 0.00	41.23 3.05 0.00	41.89 3.21 0.00	44.01 3.37 0.00	48.40 3.54 0.00	56.19 4.21 0.00	65.81 4.36 0.00	62.32 4.02 0.00	55.85 4.04 0.00	50.25 3.64 0.00	46.85 3.63 0.00	43.24 3.24 0.00	42.25 2.91 0.00
RIVERSDE_115KV_TB3 55908	40.63 1.07 0.00	38.89 1.24 0.00	37.92 1.21 0.00	36.87 1.14 0.00	35.10 1.09 0.00	36.03 1.18 0.00	38.69 1.20 0.00	40.92 1.23 0.00	39.06 0.99 0.00	38.32 1.01 0.00	37.30 1.02 0.00	36.96 1.04 0.00	39.36 1.18 0.00	39.91 1.24 0.00	41.98 1.34 0.00	46.34 1.48 0.00	53.43 1.46 0.00	62.80 1.35 0.00	59.52 1.22 0.00	52.95 1.14 0.00	47.64 1.03 0.00	44.34 1.12 0.00	41.08 1.08 0.00	40.63 1.30 0.00
ROARING___BROOK_WT_PWR 323790	38.41 -1.15 0.00	36.55 -1.09 0.00	35.61 -1.10 0.00	34.62 -1.11 0.00	32.96 -1.05 0.00	33.76 -1.08 0.00	36.40 -1.09 0.00	38.58 -1.11 0.00	37.00 -1.07 0.00	36.26 -1.04 0.00	35.23 -1.05 0.00	34.84 -1.08 0.00	37.03 -1.14 0.00	37.52 -1.16 0.00	39.42 -1.22 0.00	43.51 -1.34 0.00	50.52 -1.46 0.00	59.66 -1.78 0.00	56.66 -1.63 0.00	50.36 -1.45 0.00	45.31 -1.30 0.00	42.01 -1.21 0.00	38.84 -1.16 0.00	38.19 -1.14 0.00

ROCHESRG_115KV_T4 355643	37.18 -2.37 0.01	35.34 -2.30 0.01	34.61 -2.09 0.01	33.90 -1.82 0.00	32.38 -1.63 0.00	33.10 -1.74 0.00	35.76 -1.72 0.00	37.99 -1.71 0.00	36.24 -1.83 0.00	35.48 -1.83 0.00	34.28 -2.00 0.01	33.79 -2.12 0.01	36.30 -1.87 0.01	36.85 -1.82 0.01	38.39 -2.23 0.01	42.34 -2.51 0.01	48.70 -3.27 0.01	58.99 -2.46 0.00	56.02 -2.27 0.00	49.22 -2.59 0.00	44.38 -2.24 0.00	40.96 -2.25 0.01	38.16 -1.84 0.00	37.68 -1.65 0.00
ROCHESTER_9_IC 23652	37.38 -2.18 0.01	35.53 -2.11 0.01	34.79 -1.91 0.01	34.08 -1.64 0.00	32.55 -1.46 0.00	33.27 -1.57 0.00	35.95 -1.54 0.00	38.23 -1.47 0.00	36.47 -1.60 0.00	35.70 -1.60 0.00	34.50 -1.78 0.01	34.01 -1.90 0.01	36.56 -1.60 0.01	37.12 -1.55 0.01	38.68 -1.95 0.01	42.70 -2.15 0.01	49.11 -2.86 0.01	59.54 -1.90 0.00	56.55 -1.75 0.00	49.68 -2.12 0.00	44.75 -1.86 0.00	41.31 -1.90 0.01	38.44 -1.56 0.00	37.96 -1.38 0.00
ROCKVIEW_13_KV_LD 356306	41.94 2.37 0.00	39.83 2.18 0.00	38.73 2.02 0.00	37.59 1.86 0.00	35.88 1.87 0.00	36.86 2.02 0.00	39.59 2.10 0.00	41.84 2.14 0.00	40.28 2.21 0.00	39.73 2.43 0.00	38.61 2.32 0.00	38.40 2.48 0.00	40.92 2.75 0.00	41.58 2.90 0.00	43.72 3.09 0.00	48.18 3.32 0.00	55.98 4.00 0.00	65.81 4.36 0.00	62.37 4.08 0.00	55.65 3.83 0.00	50.07 3.45 0.00	46.54 3.33 0.00	42.92 2.92 0.00	41.93 2.60 0.00
ROME____115KV_TB2 80656	40.47 0.91 0.00	38.40 0.75 0.00	37.44 0.73 0.00	36.51 0.79 0.00	34.69 0.68 0.00	35.61 0.77 0.00	38.35 0.86 0.00	40.69 0.99 0.00	39.06 0.99 0.00	38.13 0.82 0.00	37.16 0.87 0.00	36.78 0.86 0.00	39.05 0.88 0.00	39.49 0.81 0.00	41.61 0.98 0.00	45.98 1.12 0.00	53.54 1.56 0.00	63.60 2.15 0.00	60.28 1.98 0.00	53.63 1.81 0.00	48.06 1.45 0.00	44.51 1.30 0.00	41.16 1.16 0.00	40.44 1.10 0.00
ROSETON___1 23587	41.38 1.82 0.00	39.26 1.62 0.00	38.36 1.65 0.00	37.30 1.57 0.00	35.48 1.46 0.00	36.41 1.57 0.00	39.10 1.61 0.00	41.28 1.59 0.00	39.74 1.67 0.00	39.10 1.79 0.00	38.07 1.78 0.00	37.79 1.87 0.00	40.27 2.10 0.00	40.92 2.24 0.00	42.99 2.36 0.00	47.37 2.51 0.00	54.99 3.01 0.00	64.70 3.25 0.00	61.32 3.03 0.00	54.71 2.90 0.00	49.22 2.61 0.00	45.77 2.55 0.00	42.12 2.12 0.00	41.34 2.00 0.00
ROSETON___2 23588	41.38 1.82 0.00	39.26 1.62 0.00	38.36 1.65 0.00	37.30 1.57 0.00	35.48 1.46 0.00	36.41 1.57 0.00	39.10 1.61 0.00	41.28 1.59 0.00	39.74 1.67 0.00	39.10 1.79 0.00	38.07 1.78 0.00	37.79 1.87 0.00	40.27 2.10 0.00	40.92 2.24 0.00	42.99 2.36 0.00	47.37 2.51 0.00	54.99 3.01 0.00	64.70 3.25 0.00	61.32 3.03 0.00	54.71 2.90 0.00	49.22 2.61 0.00	45.77 2.55 0.00	42.12 2.12 0.00	41.34 2.00 0.00
ROTRRDAM_115KV_TB3 80664	40.83 1.27 0.00	38.85 1.20 0.00	37.88 1.17 0.00	36.84 1.11 0.00	35.07 1.05 0.00	35.99 1.15 0.00	38.65 1.16 0.00	40.92 1.23 0.00	39.21 1.14 0.00	38.39 1.08 0.00	37.38 1.09 0.00	37.03 1.11 0.00	39.40 1.22 0.00	39.95 1.28 0.00	42.02 1.38 0.00	46.52 1.66 0.00	53.95 1.98 0.00	63.66 2.21 0.00	60.33 2.04 0.00	53.63 1.81 0.00	48.25 1.63 0.00	44.82 1.60 0.00	41.40 1.40 0.00	40.75 1.42 0.00
RUSSELL___1 23602	37.54 -2.02 0.01	35.64 -2.00 0.01	34.86 -1.84 0.01	34.19 -1.54 0.00	32.65 -1.36 0.00	33.38 -1.46 0.00	36.06 -1.42 0.00	38.34 -1.35 0.00	36.62 -1.45 0.00	35.81 -1.49 0.00	34.65 -1.63 0.01	34.19 -1.72 0.01	36.75 -1.41 0.01	37.32 -1.35 0.01	38.92 -1.71 0.01	42.97 -1.88 0.01	49.42 -2.55 0.01	59.91 -1.54 0.00	56.90 -1.40 0.00	49.94 -1.87 0.00	45.03 -1.58 0.00	41.52 -1.69 0.01	38.64 -1.36 0.00	38.12 -1.22 0.00
RUSSELL___2 23532	37.54 -2.02 0.01	35.64 -2.00 0.01	34.86 -1.84 0.01	34.19 -1.54 0.00	32.65 -1.36 0.00	33.38 -1.46 0.00	36.06 -1.42 0.00	38.34 -1.35 0.00	36.62 -1.45 0.00	35.81 -1.49 0.00	34.65 -1.63 0.01	34.19 -1.72 0.01	36.75 -1.41 0.01	37.32 -1.35 0.01	38.92 -1.71 0.01	42.97 -1.88 0.01	49.42 -2.55 0.01	59.91 -1.54 0.00	56.90 -1.40 0.00	49.94 -1.87 0.00	45.03 -1.58 0.00	41.52 -1.69 0.01	38.64 -1.36 0.00	38.12 -1.22 0.00
RUSSELL___3 23549	37.54 -2.02 0.01	35.64 -2.00 0.01	34.86 -1.84 0.01	34.19 -1.54 0.00	32.65 -1.36 0.00	33.38 -1.46 0.00	36.06 -1.42 0.00	38.34 -1.35 0.00	36.62 -1.45 0.00	35.81 -1.49 0.00	34.65 -1.63 0.01	34.19 -1.72 0.01	36.75 -1.41 0.01	37.32 -1.35 0.01	38.92 -1.71 0.01	42.97 -1.88 0.01	49.42 -2.55 0.01	59.91 -1.54 0.00	56.90 -1.40 0.00	49.94 -1.87 0.00	45.03 -1.58 0.00	41.52 -1.69 0.01	38.64 -1.36 0.00	38.12 -1.22 0.00
RUSSELL___4 23556	37.54 -2.02 0.01	35.64 -2.00 0.01	34.86 -1.84 0.01	34.19 -1.54 0.00	32.65 -1.36 0.00	33.38 -1.46 0.00	36.06 -1.42 0.00	38.34 -1.35 0.00	36.62 -1.45 0.00	35.81 -1.49 0.00	34.65 -1.63 0.01	34.19 -1.72 0.01	36.75 -1.41 0.01	37.32 -1.35 0.01	38.92 -1.71 0.01	42.97 -1.88 0.01	49.42 -2.55 0.01	59.91 -1.54 0.00	56.90 -1.40 0.00	49.94 -1.87 0.00	45.03 -1.58 0.00	41.52 -1.69 0.01	38.64 -1.36 0.00	38.12 -1.22 0.00
RUSSELL___STATION 23914	37.54 -2.02 0.01	35.64 -2.00 0.01	34.86 -1.84 0.01	34.19 -1.54 0.00	32.65 -1.36 0.00	33.38 -1.46 0.00	36.06 -1.42 0.00	38.34 -1.35 0.00	36.62 -1.45 0.00	35.81 -1.49 0.00	34.65 -1.63 0.01	34.19 -1.72 0.01	36.75 -1.41 0.01	37.32 -1.35 0.01	38.92 -1.71 0.01	42.97 -1.88 0.01	49.42 -2.55 0.01	59.91 -1.54 0.00	56.90 -1.40 0.00	49.94 -1.87 0.00	45.03 -1.58 0.00	41.52 -1.69 0.01	38.64 -1.36 0.00	38.12 -1.22 0.00
S SALMON___HYD 24043	38.97 -0.59 0.00	37.04 -0.60 0.00	36.08 -0.62 0.00	35.19 -0.53 0.00	33.47 -0.55 0.00	34.28 -0.56 0.00	36.89 -0.60 0.00	39.14 -0.56 0.00	37.54 -0.53 0.00	36.75 -0.56 0.00	35.85 -0.43 0.00	35.38 -0.54 0.00	37.56 -0.61 0.00	37.94 -0.74 0.00	39.94 -0.69 0.00	44.10 -0.76 0.00	51.14 -0.83 0.00	60.83 -0.61 0.00	57.77 -0.53 0.00	51.34 -0.47 0.00	46.06 -0.56 0.00	42.70 -0.52 0.00	39.52 -0.48 0.00	38.78 -0.55 0.00
S.PERRY__115KV_TB1 80734	37.44 -2.10 0.02	35.59 -2.03 0.02	34.66 -2.02 0.02	34.00 -1.71 0.01	32.62 -1.39 0.00	33.24 -1.60 0.00	36.06 -1.42 0.00	38.38 -1.31 0.00	36.43 -1.64 0.00	35.36 -1.94 0.01	34.12 -2.14 0.02	33.56 -2.33 0.02	35.98 -2.18 0.02	36.57 -2.09 0.02	38.25 -2.36 0.02	42.46 -2.38 0.02	49.15 -2.81 0.02	59.97 -1.47 0.00	57.24 -1.05 0.00	50.24 -1.55 0.01	45.26 -1.35 0.00	41.68 -1.51 0.02	38.72 -1.28 0.00	38.19 -1.14 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	35.43 -4.11 0.01	33.79 -3.84 0.01	33.10 -3.60 0.01	32.40 -3.32 0.01	31.09 -2.93 0.00	31.64 -3.21 0.00	34.38 -3.11 0.00	36.56 -3.14 0.00	34.57 -3.50 0.00	33.83 -3.47 0.01	32.61 -3.67 0.01	32.20 -3.70 0.01	34.53 -3.63 0.01	35.11 -3.56 0.01	36.48 -4.14 0.01	40.27 -4.58 0.01	46.04 -5.93 0.01	55.98 -5.47 0.00	53.28 -5.01 0.00	46.67 -5.13 0.01	42.00 -4.61 0.00	38.88 -4.32 0.01	36.48 -3.52 0.00	36.31 -3.03 0.00

SAWYER___23_KV_LOAD 55526	35.43 -4.11 0.01	33.79 -3.84 0.01	33.10 -3.60 0.01	32.40 -3.32 0.01	31.09 -2.93 0.00	31.64 -3.21 0.00	34.38 -3.11 0.00	36.56 -3.14 0.00	34.57 -3.50 0.00	33.83 -3.47 0.01	32.61 -3.67 0.01	32.20 -3.70 0.01	34.53 -3.63 0.01	35.11 -3.56 0.01	36.48 -4.14 0.01	40.27 -4.58 0.01	46.04 -5.93 0.01	55.98 -5.47 0.00	53.28 -5.01 0.00	46.67 -5.13 0.01	42.00 -4.61 0.00	38.88 -4.32 0.01	36.48 -3.52 0.00	36.31 -3.03 0.00
SELKIRK___I 23801	40.75 1.19 0.00	38.85 1.20 0.00	37.96 1.25 0.00	36.94 1.22 0.00	35.10 1.09 0.00	36.03 1.19 0.00	38.69 1.20 0.00	40.88 1.19 0.00	39.06 0.99 0.00	38.24 0.93 0.00	37.20 0.91 0.00	36.85 0.93 0.00	39.21 1.03 0.00	39.84 1.16 0.00	41.90 1.26 0.00	46.29 1.44 0.00	53.54 1.56 0.00	63.11 1.66 0.00	59.81 1.51 0.00	53.21 1.40 0.00	47.87 1.26 0.00	44.51 1.30 0.00	41.20 1.20 0.00	40.67 1.34 0.00
SELKIRK___II 23799	40.47 0.91 0.00	38.62 0.98 0.00	37.73 1.03 0.00	36.73 1.00 0.00	34.90 0.88 0.00	35.82 0.97 0.00	38.46 0.97 0.00	40.69 0.99 0.00	38.91 0.84 0.00	38.13 0.82 0.00	37.12 0.84 0.00	36.78 0.86 0.00	39.13 0.95 0.00	39.72 1.04 0.00	41.73 1.10 0.00	46.07 1.21 0.00	53.22 1.25 0.00	62.68 1.23 0.00	59.40 1.10 0.00	52.85 1.04 0.00	47.55 0.93 0.00	44.21 0.99 0.00	40.92 0.92 0.00	40.40 1.06 0.00
SENECA OSWGO___HYD 24041	38.65 -0.91 0.00	36.81 -0.83 0.00	35.86 -0.84 0.00	34.98 -0.75 0.00	33.37 -0.65 0.00	34.18 -0.66 0.00	36.81 -0.67 0.00	39.02 -0.68 0.00	37.46 -0.61 0.00	36.71 -0.60 0.00	35.78 -0.51 0.00	35.34 -0.58 0.00	37.53 -0.65 0.00	37.94 -0.74 0.00	39.86 -0.77 0.00	44.01 -0.85 0.00	50.94 -1.04 0.00	60.46 -0.99 0.00	57.36 -0.93 0.00	50.88 -0.93 0.00	45.73 -0.89 0.00	42.31 -0.91 0.00	39.24 -0.76 0.00	38.51 -0.83 0.00
SENECA___115KV_TB3 355854	35.47 -4.07 0.02	33.86 -3.76 0.02	33.06 -3.63 0.02	32.32 -3.39 0.01	31.16 -2.86 0.00	31.74 -3.10 0.00	34.53 -2.96 0.00	36.68 -3.02 0.00	34.72 -3.35 0.00	33.94 -3.36 0.01	32.82 -3.45 0.02	32.42 -3.48 0.02	34.65 -3.51 0.02	35.07 -3.60 0.01	36.68 -3.94 0.02	40.54 -4.31 0.02	46.40 -5.56 0.02	56.35 -5.10 0.00	53.63 -4.67 0.00	46.99 -4.82 0.01	42.28 -4.33 0.00	39.18 -4.02 0.02	37.08 -2.92 0.00	36.50 -2.83 0.00
SENECA___ENERGY 23797	38.50 -1.07 0.00	36.71 -0.94 0.00	35.68 -1.03 0.00	34.84 -0.89 0.00	33.37 -0.65 0.00	34.15 -0.70 0.00	36.85 -0.64 0.00	39.10 -0.59 0.00	37.50 -0.57 0.00	36.71 -0.60 0.00	35.67 -0.62 0.00	35.24 -0.68 0.00	37.57 -0.61 0.00	37.98 -0.70 0.00	39.95 -0.69 0.00	44.10 -0.76 0.00	50.99 -0.99 0.00	60.95 -0.49 0.00	57.83 -0.47 0.00	51.09 -0.73 0.00	45.92 -0.70 0.00	42.44 -0.78 0.00	39.44 -0.56 0.00	38.67 -0.67 0.00
SHOEMAKER___GT 23640	41.22 1.66 0.00	39.11 1.47 0.00	38.21 1.51 0.00	37.16 1.43 0.00	35.34 1.33 0.00	36.27 1.43 0.00	38.95 1.46 0.00	41.16 1.47 0.00	39.59 1.52 0.00	38.87 1.57 0.00	37.85 1.56 0.00	37.54 1.62 0.00	40.01 1.83 0.00	40.65 1.97 0.00	42.71 2.07 0.00	47.06 2.20 0.00	54.73 2.75 0.00	64.52 3.07 0.00	61.15 2.86 0.00	54.50 2.69 0.00	48.99 2.38 0.00	45.55 2.33 0.00	41.96 1.96 0.00	41.18 1.85 0.00
SHOEMAKR_138KV_BK 111 55601	41.14 1.58 0.00	39.11 1.47 0.00	38.14 1.43 0.00	37.05 1.32 0.00	35.34 1.33 0.00	36.27 1.43 0.00	38.95 1.46 0.00	41.16 1.47 0.00	39.59 1.52 0.00	38.91 1.60 0.00	37.85 1.56 0.00	37.57 1.65 0.00	40.05 1.87 0.00	40.65 1.97 0.00	42.71 2.07 0.00	47.10 2.24 0.00	54.79 2.81 0.00	64.52 3.07 0.00	61.15 2.86 0.00	54.51 2.69 0.00	49.04 2.42 0.00	45.55 2.33 0.00	42.04 2.04 0.00	41.18 1.85 0.00
SHOREHAM_IC_1 23715	42.92 3.36 0.00	40.81 3.16 0.00	39.21 2.50 0.00	38.09 2.36 0.00	36.19 2.18 0.00	37.18 2.33 0.00	40.07 2.58 0.00	42.35 2.66 0.00	40.89 2.82 0.00	40.67 3.36 0.00	40.13 3.84 0.00	39.83 3.92 0.00	42.34 4.16 0.00	43.09 4.41 -0.01	45.35 4.71 -0.01	50.02 5.16 -0.01	62.16 6.13 -4.05	68.20 6.70 -0.05	66.76 6.36 -2.11	63.42 5.96 -5.65	54.23 5.31 -2.31	51.62 4.88 -3.52	44.17 4.16 -0.01	43.27 3.93 0.00
SHOREHAM_IC_2 23716	42.88 3.32 0.00	40.77 3.12 0.00	39.09 2.39 0.00	37.98 2.25 0.00	36.29 2.28 0.00	37.18 2.33 0.00	40.07 2.59 0.00	42.35 2.66 0.00	40.89 2.82 0.00	40.67 3.36 0.00	40.13 3.85 0.00	39.83 3.92 0.00	42.34 4.16 0.00	43.05 4.37 0.00	45.35 4.71 0.00	50.07 5.20 -0.01	62.16 6.13 -4.05	68.19 6.70 -0.05	66.76 6.35 -2.11	63.42 5.96 -5.65	54.24 5.31 -2.31	51.62 4.88 -3.52	44.24 4.24 0.00	43.27 3.93 0.00
SISSONVILLE____ 23735	39.68 0.12 0.00	37.72 0.08 0.00	36.67 -0.04 0.00	35.69 -0.04 0.00	33.84 -0.17 0.00	34.56 -0.28 0.00	37.30 -0.19 0.00	39.50 -0.20 0.00	37.80 -0.27 0.00	36.79 -0.52 0.00	35.78 -0.51 0.00	35.42 -0.50 0.00	37.60 -0.57 0.00	38.02 -0.66 0.00	39.94 -0.69 0.00	43.96 -0.90 0.00	50.89 -1.09 0.00	59.97 -1.47 0.00	57.07 -1.22 0.00	51.04 -0.78 0.00	46.24 -0.37 0.00	42.91 -0.30 0.00	39.68 -0.32 0.00	39.06 -0.28 0.00
SITHE_IND_GS1 24169	38.38 -1.19 0.00	36.55 -1.09 0.00	35.61 -1.10 0.00	34.73 -1.00 0.00	33.13 -0.88 0.00	33.94 -0.91 0.00	36.51 -0.97 0.00	38.70 -0.99 0.00	37.12 -0.95 0.00	36.38 -0.93 0.00	35.38 -0.91 0.00	34.98 -0.93 0.00	37.07 -1.11 0.00	37.52 -1.16 0.00	39.38 -1.26 0.00	43.47 -1.39 0.00	50.31 -1.67 0.00	59.66 -1.78 0.00	56.60 -1.69 0.00	50.21 -1.61 0.00	45.17 -1.45 0.00	41.83 -1.38 0.00	38.80 -1.20 0.00	38.11 -1.22 0.00
SITHE_IND_GS2 24170	38.38 -1.19 0.00	36.55 -1.09 0.00	35.61 -1.10 0.00	34.73 -1.00 0.00	33.13 -0.88 0.00	33.94 -0.91 0.00	36.51 -0.97 0.00	38.70 -0.99 0.00	37.12 -0.95 0.00	36.38 -0.93 0.00	35.38 -0.91 0.00	34.98 -0.93 0.00	37.07 -1.11 0.00	37.52 -1.16 0.00	39.38 -1.26 0.00	43.47 -1.39 0.00	50.31 -1.67 0.00	59.66 -1.78 0.00	56.60 -1.69 0.00	50.21 -1.61 0.00	45.17 -1.45 0.00	41.83 -1.38 0.00	38.80 -1.20 0.00	38.11 -1.22 0.00
SITHE_IND_GS3 24171	38.38 -1.19 0.00	36.55 -1.09 0.00	35.61 -1.10 0.00	34.73 -1.00 0.00	33.13 -0.88 0.00	33.94 -0.91 0.00	36.51 -0.97 0.00	38.70 -0.99 0.00	37.12 -0.95 0.00	36.38 -0.93 0.00	35.38 -0.91 0.00	34.98 -0.93 0.00	37.07 -1.11 0.00	37.52 -1.16 0.00	39.38 -1.26 0.00	43.47 -1.39 0.00	50.31 -1.67 0.00	59.66 -1.78 0.00	56.60 -1.69 0.00	50.21 -1.61 0.00	45.17 -1.45 0.00	41.83 -1.38 0.00	38.80 -1.20 0.00	38.11 -1.22 0.00
SITHE_IND_GS4 24172	38.38 -1.19 0.00	36.55 -1.09 0.00	35.61 -1.10 0.00	34.73 -1.00 0.00	33.13 -0.88 0.00	33.94 -0.91 0.00	36.51 -0.97 0.00	38.70 -0.99 0.00	37.12 -0.95 0.00	36.38 -0.93 0.00	35.38 -0.91 0.00	34.98 -0.93 0.00	37.07 -1.11 0.00	37.52 -1.16 0.00	39.38 -1.26 0.00	43.47 -1.39 0.00	50.31 -1.67 0.00	59.66 -1.78 0.00	56.60 -1.69 0.00	50.21 -1.61 0.00	45.17 -1.45 0.00	41.83 -1.38 0.00	38.80 -1.20 0.00	38.11 -1.22 0.00

SITHE___BATAVIA 24024	36.42 -3.13 0.01	34.92 -2.71 0.01	33.83 -2.86 0.01	33.19 -2.54 0.01	32.11 -1.90 0.00	32.75 -2.09 0.00	35.54 -1.95 0.00	37.79 -1.90 0.00	35.71 -2.36 0.00	34.76 -2.54 0.01	33.52 -2.76 0.01	33.03 -2.87 0.01	35.53 -2.63 0.01	35.88 -2.79 0.01	37.62 -3.01 0.01	41.66 -3.18 0.01	47.76 -4.21 0.01	58.32 -3.13 0.00	55.56 -2.74 0.00	48.59 -3.21 0.01	43.82 -2.80 0.00	40.44 -2.77 0.01	38.16 -1.84 0.00	37.60 -1.73 0.00
SITHE___INDEPEND 23800	38.41 -1.15 0.00	36.55 -1.09 0.00	35.64 -1.06 0.00	34.76 -0.96 0.00	33.13 -0.88 0.00	33.94 -0.91 0.00	36.51 -0.97 0.00	38.70 -0.99 0.00	37.12 -0.95 0.00	36.38 -0.93 0.00	35.38 -0.91 0.00	34.98 -0.93 0.00	37.07 -1.11 0.00	37.52 -1.16 0.00	39.38 -1.26 0.00	43.47 -1.39 0.00	50.31 -1.66 0.00	59.67 -1.78 0.00	56.60 -1.69 0.00	50.26 -1.55 0.00	45.17 -1.45 0.00	41.79 -1.43 0.00	38.76 -1.24 0.00	38.12 -1.22 0.00
SITHE___MASSENA 23902	39.76 0.20 0.00	37.79 0.15 0.00	36.82 0.11 0.00	35.76 0.04 0.00	33.98 -0.03 0.00	34.70 -0.14 0.00	37.45 -0.04 0.00	39.65 -0.04 0.00	37.96 -0.11 0.00	37.05 -0.26 0.00	36.04 -0.25 0.00	35.67 -0.25 0.00	37.87 -0.31 0.00	38.33 -0.35 0.00	40.27 -0.37 0.00	44.41 -0.45 0.00	51.56 -0.42 0.00	60.77 -0.67 0.00	57.83 -0.47 0.00	51.50 -0.31 0.00	46.48 -0.14 0.00	43.04 -0.17 0.00	39.80 -0.20 0.00	39.18 -0.16 0.00
SITHE___OGDNSBRG 24021	40.27 0.71 0.00	38.25 0.60 0.00	37.18 0.48 0.00	36.23 0.50 0.00	34.32 0.31 0.00	35.05 0.21 0.00	37.86 0.37 0.00	40.13 0.44 0.00	38.26 0.19 0.00	37.08 -0.22 0.00	36.03 -0.25 0.00	35.70 -0.22 0.00	37.87 -0.31 0.00	38.29 -0.39 0.00	40.27 -0.37 0.00	44.50 -0.36 0.00	51.87 -0.10 0.00	61.39 -0.06 0.00	58.53 0.23 0.00	52.23 0.41 0.00	47.13 0.51 0.00	43.65 0.43 0.00	40.36 0.36 0.00	39.69 0.35 0.00
SITHE___STERLING 23777	40.27 0.71 0.00	38.24 0.60 0.00	37.29 0.59 0.00	36.33 0.61 0.00	34.59 0.58 0.00	35.47 0.63 0.00	38.24 0.75 0.00	40.53 0.83 0.00	38.87 0.80 0.00	38.02 0.71 0.00	37.01 0.73 0.00	36.64 0.72 0.00	38.94 0.76 0.00	39.37 0.70 0.00	41.45 0.81 0.00	45.80 0.94 0.00	53.22 1.25 0.00	63.23 1.78 0.00	59.92 1.63 0.00	53.26 1.45 0.00	47.78 1.17 0.00	44.25 1.04 0.00	40.92 0.92 0.00	40.20 0.86 0.00
SLEIGHT__34_KV_TB1 80719	37.78 -1.78 0.00	35.95 -1.69 0.00	35.09 -1.62 0.00	34.33 -1.39 0.00	32.79 -1.22 0.00	33.52 -1.32 0.00	36.21 -1.27 0.00	38.50 -1.19 0.00	36.85 -1.22 0.00	36.08 -1.23 0.00	35.05 -1.23 0.00	34.55 -1.36 0.00	36.99 -1.18 0.00	37.51 -1.16 0.00	39.25 -1.38 0.00	43.29 -1.57 0.00	49.95 -2.03 0.00	60.10 -1.35 0.00	57.01 -1.28 0.00	50.26 -1.55 0.00	45.22 -1.40 0.00	41.74 -1.47 0.00	38.72 -1.28 0.00	38.12 -1.22 0.00
SMITHTWN_69_KV_BK 1 55830	42.77 3.20 0.00	40.65 3.01 0.00	39.02 2.31 0.00	37.91 2.18 0.00	36.19 2.18 0.00	37.11 2.26 0.00	40.00 2.51 0.00	42.23 2.54 0.00	40.77 2.70 0.00	40.48 3.17 0.00	39.88 3.59 0.00	39.62 3.70 0.00	42.18 4.01 0.00	42.89 4.22 0.00	45.19 4.55 0.00	49.89 5.02 -0.01	63.01 5.77 -5.26	67.65 6.14 -0.06	66.81 5.77 -2.74	64.70 5.54 -7.34	54.05 5.13 -2.31	51.53 4.80 -3.52	44.20 4.20 0.00	43.19 3.85 0.00
SOUTH CAIRO___GT 23612	41.30 1.74 0.00	39.41 1.77 0.00	38.47 1.76 0.00	37.37 1.64 0.00	35.58 1.56 0.00	36.48 1.64 0.00	39.21 1.72 0.00	41.32 1.63 0.00	39.48 1.41 0.00	38.35 1.04 0.00	37.23 0.94 0.00	36.85 0.93 0.00	39.28 1.11 0.00	39.91 1.24 0.00	42.06 1.42 0.00	46.65 1.79 0.00	54.27 2.29 0.00	64.21 2.77 0.00	60.86 2.56 0.00	54.04 2.23 0.00	48.53 1.91 0.00	45.29 2.07 0.00	41.88 1.88 0.00	41.30 1.97 0.00
SOUTH HAMPTN___IC 23720	43.12 3.56 0.00	40.96 3.31 0.00	39.31 2.61 0.00	38.19 2.46 0.00	36.29 2.28 0.00	37.28 2.44 0.00	40.19 2.70 0.00	42.47 2.78 0.00	41.12 3.05 0.00	40.97 3.66 0.00	40.50 4.21 0.00	40.19 4.27 0.00	42.68 4.50 0.00	43.44 4.76 -0.01	45.64 5.00 -0.01	50.43 5.56 -0.01	62.58 6.60 -4.00	68.81 7.31 -0.05	67.32 6.93 -2.09	63.77 6.37 -5.58	54.42 5.50 -2.31	51.70 4.97 -3.52	44.17 4.16 -0.01	43.35 4.01 0.00
SOUTHDOW_115KV_TB1 355954	35.31 -4.23 0.02	33.71 -3.91 0.02	32.72 -3.96 0.02	32.04 -3.68 0.01	30.75 -3.27 0.00	31.22 -3.62 0.00	34.08 -3.41 0.00	36.20 -3.49 0.00	34.34 -3.73 0.00	33.64 -3.66 0.01	32.57 -3.70 0.02	32.31 -3.59 0.02	34.34 -3.82 0.02	34.68 -3.98 0.02	36.43 -4.19 0.02	40.44 -4.40 0.02	46.50 -5.46 0.02	57.27 -4.18 0.00	54.51 -3.79 0.00	47.97 -3.83 0.01	42.28 -4.34 0.00	39.05 -4.15 0.02	36.52 -3.48 0.00	36.23 -3.11 0.00
SOUTHOLD_69_KV_BK 2 55809	43.20 3.64 0.00	41.07 3.43 0.00	39.24 2.53 0.00	38.05 2.32 0.00	36.39 2.38 0.00	37.32 2.47 0.00	40.19 2.70 0.00	42.55 2.86 0.00	41.34 3.27 0.00	41.34 4.03 0.00	40.97 4.68 0.00	40.66 4.74 0.00	43.18 5.00 0.00	43.78 5.11 0.00	46.04 5.40 0.00	50.97 6.10 -0.01	63.25 7.28 -4.00	69.61 8.11 -0.05	68.13 7.75 -2.09	64.34 6.94 -5.58	54.56 5.64 -2.31	51.62 4.88 -3.52	44.00 4.00 0.00	43.31 3.97 0.00
SOUTHOLD___IC 23719	43.24 3.68 0.00	41.07 3.43 0.00	39.35 2.64 0.00	38.19 2.46 0.00	36.29 2.28 0.00	37.32 2.47 0.00	40.15 2.66 0.00	42.55 2.86 0.00	41.34 3.27 0.00	41.34 4.03 0.00	40.97 4.68 0.00	40.66 4.74 0.00	43.17 5.00 -0.01	43.83 5.14 -0.01	46.01 5.36 -0.01	50.92 6.05 -0.01	63.25 7.28 -4.00	69.61 8.11 -0.05	68.13 7.75 -2.09	64.34 6.95 -5.58	54.56 5.64 -2.31	51.62 4.88 -3.52	43.93 3.92 -0.01	43.31 3.97 0.00
SOUTH_FORK_WT_PWR 323839	43.00 3.44 0.00	40.84 3.20 0.00	39.09 2.38 0.00	37.94 2.22 0.00	36.05 2.04 0.00	37.11 2.26 0.00	39.85 2.36 0.00	42.31 2.62 0.00	41.19 3.12 0.00	41.26 3.95 0.00	40.97 4.68 0.00	40.66 4.74 0.00	43.14 4.96 0.00	43.75 5.07 -0.01	45.89 5.24 -0.01	50.79 5.92 -0.01	63.10 7.12 -4.00	69.43 7.93 -0.05	67.96 7.57 -2.09	64.08 6.69 -5.58	54.14 5.22 -2.31	51.10 4.36 -3.52	43.40 3.40 -0.01	42.91 3.58 0.00
SPIERFLS_115KV_TB 1 80737	42.05 2.49 0.00	40.01 2.37 0.00	39.02 2.31 0.00	37.94 2.22 0.00	36.09 2.07 0.00	37.07 2.23 0.00	39.81 2.32 0.00	42.19 2.50 0.00	40.43 2.36 0.00	39.51 2.20 0.00	38.47 2.18 0.00	38.11 2.19 0.00	40.50 2.33 0.00	41.04 2.36 0.00	43.20 2.56 0.00	47.95 3.10 0.00	55.67 3.69 0.00	65.81 4.36 0.00	62.43 4.14 0.00	55.34 3.52 0.00	49.88 3.26 0.00	46.28 3.07 0.00	42.76 2.76 0.00	42.09 2.75 0.00
ST LAWRENCE____ 23600	39.29 -0.28 0.00	37.38 -0.26 0.00	36.38 -0.33 0.00	35.34 -0.39 0.00	33.61 -0.41 0.00	34.35 -0.49 0.00	37.04 -0.45 0.00	39.22 -0.47 0.00	37.57 -0.50 0.00	36.71 -0.60 0.00	35.67 -0.62 0.00	35.31 -0.61 0.00	37.49 -0.69 0.00	37.94 -0.74 0.00	39.86 -0.77 0.00	44.01 -0.85 0.00	51.04 -0.93 0.00	60.28 -1.17 0.00	57.30 -0.99 0.00	50.93 -0.88 0.00	45.92 -0.70 0.00	42.52 -0.69 0.00	39.36 -0.64 0.00	38.70 -0.63 0.00

STATE_CA_115KV_115_LB 55624	40.63 1.07 0.00	38.92 1.28 0.00	37.96 1.25 0.00	36.91 1.18 0.00	35.14 1.12 0.00	36.06 1.22 0.00	38.73 1.24 0.00	40.96 1.27 0.00	39.06 0.99 0.00	38.28 0.97 0.00	37.30 1.02 0.00	36.96 1.04 0.00	39.32 1.15 0.00	39.91 1.24 0.00	41.98 1.34 0.00	46.34 1.48 0.00	53.43 1.46 0.00	62.80 1.35 0.00	59.52 1.22 0.00	52.90 1.09 0.00	47.64 1.03 0.00	44.34 1.12 0.00	41.12 1.12 0.00	40.63 1.30 0.00
STATE_ST_34_KV_LOAD 55959	39.17 -0.40 -0.01	37.27 -0.38 -0.01	36.35 -0.37 -0.01	35.45 -0.29 0.00	33.81 -0.20 0.00	34.60 -0.24 0.00	37.34 -0.15 0.00	39.65 -0.04 0.00	38.03 -0.04 0.00	37.24 -0.07 0.00	36.26 -0.04 -0.01	35.78 -0.14 -0.01	38.10 -0.08 -0.01	38.60 -0.08 0.00	40.56 -0.08 -0.01	44.77 -0.09 -0.01	51.93 -0.05 -0.01	61.88 0.43 0.00	58.70 0.41 0.00	51.97 0.16 0.00	46.71 0.09 0.00	43.18 -0.04 -0.01	39.96 -0.04 0.00	39.18 -0.16 0.00
STATION_5_MISC_HYD 23604	37.10 -2.45 0.01	35.56 -2.07 0.01	34.46 -2.24 0.01	33.72 -2.00 0.00	32.55 -1.46 0.00	33.27 -1.57 0.00	35.95 -1.54 0.00	38.23 -1.47 0.00	36.51 -1.56 0.00	35.70 -1.60 0.00	34.50 -1.78 0.01	34.04 -1.87 0.01	36.57 -1.60 0.01	36.93 -1.74 0.01	38.72 -1.91 0.01	42.83 -2.02 0.01	49.21 -2.76 0.01	59.54 -1.91 0.00	56.55 -1.75 0.00	49.68 -2.13 0.00	44.75 -1.87 0.00	41.31 -1.90 0.01	38.72 -1.28 0.00	37.96 -1.38 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	37.97 -1.58 0.00	36.10 -1.54 0.00	35.24 -1.47 0.00	34.48 -1.25 0.00	32.93 -1.09 0.00	33.69 -1.15 0.00	36.36 -1.12 0.00	38.62 -1.07 0.00	37.00 -1.07 0.00	36.22 -1.08 0.00	35.12 -1.16 0.00	34.66 -1.26 0.00	37.10 -1.07 0.00	37.63 -1.04 0.00	39.37 -1.26 0.00	43.46 -1.39 0.00	50.10 -1.87 0.00	60.28 -1.17 0.00	57.19 -1.11 0.00	50.41 -1.40 0.00	45.36 -1.26 0.00	41.87 -1.34 0.00	38.84 -1.16 0.00	38.27 -1.06 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	37.26 -2.29 0.01	35.41 -2.22 0.01	34.64 -2.06 0.01	33.94 -1.79 0.00	32.42 -1.60 0.00	33.13 -1.71 0.00	35.80 -1.69 0.00	38.03 -1.67 0.00	36.32 -1.75 0.00	35.55 -1.75 0.00	34.39 -1.89 0.01	33.94 -1.98 0.01	36.41 -1.76 0.01	36.97 -1.70 0.01	38.56 -2.07 0.01	42.56 -2.29 0.01	48.96 -3.01 0.01	59.24 -2.21 0.00	56.25 -2.04 0.00	49.42 -2.38 0.00	44.52 -2.10 0.00	41.09 -2.12 0.01	38.24 -1.76 0.00	37.76 -1.57 0.00
STA_56___34_KV_BUS2 355983	37.26 -2.29 0.01	35.41 -2.22 0.01	34.64 -2.06 0.01	33.94 -1.79 0.00	32.42 -1.60 0.00	33.13 -1.71 0.00	35.80 -1.69 0.00	38.03 -1.67 0.00	36.32 -1.75 0.00	35.55 -1.75 0.00	34.39 -1.89 0.01	33.94 -1.98 0.01	36.41 -1.76 0.01	36.97 -1.70 0.01	38.56 -2.07 0.01	42.56 -2.29 0.01	48.96 -3.01 0.01	59.24 -2.21 0.00	56.25 -2.04 0.00	49.42 -2.38 0.00	44.52 -2.10 0.00	41.09 -2.12 0.01	38.24 -1.76 0.00	37.76 -1.57 0.00
STA_67___115KV_BK2 355882	37.34 -2.22 0.01	35.49 -2.15 0.01	34.72 -1.98 0.01	34.01 -1.71 0.00	32.52 -1.50 0.00	33.20 -1.64 0.00	35.91 -1.57 0.00	38.15 -1.55 0.00	36.39 -1.68 0.00	35.62 -1.68 0.00	34.47 -1.81 0.01	33.97 -1.94 0.01	36.49 -1.68 0.01	37.05 -1.62 0.01	38.60 -2.03 0.01	42.61 -2.24 0.01	49.01 -2.96 0.01	59.36 -2.09 0.00	56.43 -1.87 0.00	49.58 -2.23 0.00	44.66 -1.96 0.00	41.18 -2.03 0.01	38.36 -1.64 0.00	37.88 -1.46 0.00
STA_7___115KV_9TRANS 80674	37.54 -2.02 0.01	35.64 -2.00 0.01	34.86 -1.84 0.01	34.19 -1.54 0.00	32.65 -1.36 0.00	33.38 -1.46 0.00	36.06 -1.42 0.00	38.34 -1.35 0.00	36.62 -1.45 0.00	35.81 -1.49 0.00	34.65 -1.63 0.01	34.19 -1.72 0.01	36.75 -1.41 0.01	37.32 -1.35 0.01	38.92 -1.71 0.01	42.97 -1.88 0.01	49.42 -2.55 0.01	59.91 -1.54 0.00	56.90 -1.40 0.00	49.94 -1.87 0.00	45.03 -1.58 0.00	41.52 -1.69 0.01	38.64 -1.36 0.00	38.12 -1.22 0.00
STA_82___115KV_TB1 80780	37.30 -2.26 0.01	35.45 -2.18 0.01	34.72 -1.98 0.01	34.01 -1.71 0.00	32.52 -1.50 0.00	33.20 -1.64 0.00	35.88 -1.61 0.00	38.15 -1.55 0.00	36.39 -1.68 0.00	35.59 -1.72 0.00	34.43 -1.85 0.01	33.93 -1.98 0.01	36.45 -1.72 0.01	37.05 -1.62 0.01	38.55 -2.07 0.01	42.56 -2.29 0.01	48.96 -3.01 0.01	59.30 -2.15 0.00	56.37 -1.92 0.00	49.53 -2.28 0.00	44.61 -2.00 0.00	41.18 -2.03 0.01	38.32 -1.68 0.00	37.84 -1.49 0.00
STEEL___WIND 323596	35.43 -4.12 0.02	33.79 -3.84 0.02	32.99 -3.71 0.02	32.29 -3.43 0.01	31.09 -2.93 0.00	31.67 -3.17 0.00	34.45 -3.04 0.00	36.60 -3.10 0.00	34.64 -3.43 0.00	33.87 -3.43 0.01	32.75 -3.52 0.02	32.38 -3.52 0.02	34.57 -3.59 0.02	34.99 -3.68 0.01	36.64 -3.98 0.02	40.45 -4.39 0.02	46.30 -5.66 0.02	56.23 -5.22 0.00	53.52 -4.78 0.00	46.93 -4.87 0.01	42.19 -4.43 0.00	39.14 -4.06 0.02	37.00 -3.00 0.00	36.42 -2.91 0.00
STEPHTWN_115KV_BK_2 55603	40.83 1.27 0.00	39.07 1.43 0.00	38.10 1.39 0.00	37.05 1.32 0.00	35.27 1.26 0.00	36.17 1.32 0.00	38.88 1.39 0.00	41.12 1.43 0.00	39.25 1.18 0.00	38.46 1.16 0.00	37.45 1.16 0.00	37.10 1.19 0.00	39.47 1.30 0.00	40.07 1.39 0.00	42.14 1.50 0.00	46.56 1.70 0.00	53.75 1.77 0.00	63.23 1.78 0.00	59.93 1.63 0.00	53.26 1.45 0.00	47.92 1.31 0.00	44.60 1.38 0.00	41.36 1.36 0.00	40.83 1.49 0.00
STEUBEN_REC_LFGE 323667	35.08 -4.43 0.05	33.38 -4.22 0.05	32.36 -4.29 0.05	31.66 -4.04 0.03	30.54 -3.47 0.00	30.97 -3.87 0.00	33.74 -3.75 0.00	35.88 -3.81 0.00	34.03 -4.04 0.00	33.07 -4.22 0.03	32.10 -4.14 0.05	31.63 -4.24 0.05	33.70 -4.43 0.05	34.19 -4.45 0.04	35.99 -4.59 0.05	39.92 -4.89 0.05	46.37 -5.56 0.05	55.73 -5.71 0.00	53.05 -5.25 0.00	46.76 -5.03 0.03	42.05 -4.57 0.00	38.76 -4.41 0.05	36.12 -3.88 0.00	35.68 -3.66 0.00
STILLWATER___SOLAR 323814	41.66 2.10 0.00	39.60 1.96 0.00	38.69 1.98 0.00	37.62 1.89 0.00	35.78 1.77 0.00	36.72 1.88 0.00	39.44 1.95 0.00	41.76 2.06 0.00	39.97 1.90 0.00	39.10 1.79 0.00	38.07 1.78 0.00	37.71 1.80 0.00	40.12 1.95 0.00	40.73 2.05 0.00	42.83 2.19 0.00	47.46 2.60 0.00	55.10 3.12 0.00	65.01 3.56 0.00	61.62 3.32 0.00	54.71 2.90 0.00	49.22 2.61 0.00	45.72 2.51 0.00	42.20 2.20 0.00	41.62 2.28 0.00
STONY___BROOK 24151	42.76 3.20 0.00	40.62 2.97 0.00	39.09 2.38 0.00	38.02 2.29 0.00	36.12 2.11 0.00	37.07 2.23 0.00	39.96 2.47 0.00	42.24 2.54 0.00	40.77 2.70 0.00	40.48 3.17 0.00	39.88 3.59 0.00	39.62 3.70 0.00	42.15 3.97 0.00	42.94 4.25 -0.01	45.15 4.51 -0.01	49.80 4.93 -0.01	62.15 5.67 -4.51	67.53 6.03 -0.05	66.36 5.72 -2.35	63.59 5.49 -6.29	54.00 5.08 -2.31	51.49 4.75 -3.52	44.09 4.08 -0.01	43.15 3.81 0.00
STURGEON_POOL_HYD 23609	41.38 1.82 0.00	39.26 1.62 0.00	38.29 1.58 0.00	37.19 1.46 0.00	35.48 1.46 0.00	36.41 1.57 0.00	39.10 1.61 0.00	41.24 1.55 0.00	39.74 1.68 0.00	39.06 1.75 0.00	37.99 1.71 0.00	37.71 1.80 0.00	40.24 2.06 0.00	40.84 2.17 0.00	42.95 2.32 0.00	47.37 2.51 0.00	55.10 3.12 0.00	64.89 3.44 0.00	61.50 3.21 0.00	54.87 3.06 0.00	49.32 2.70 0.00	45.90 2.68 0.00	42.28 2.28 0.00	41.38 2.05 0.00

ST_LAW_115_BK7_LBMP 345037	39.29 -0.28 0.00	37.38 -0.26 0.00	36.38 -0.33 0.00	35.37 -0.36 0.00	33.61 -0.41 0.00	34.35 -0.49 0.00	37.04 -0.45 0.00	39.22 -0.47 0.00	37.54 -0.53 0.00	36.71 -0.60 0.00	35.67 -0.62 0.00	35.27 -0.65 0.00	37.45 -0.73 0.00	37.94 -0.74 0.00	39.86 -0.77 0.00	44.01 -0.85 0.00	51.04 -0.93 0.00	60.22 -1.23 0.00	57.25 -1.05 0.00	50.93 -0.88 0.00	45.92 -0.70 0.00	42.52 -0.69 0.00	39.32 -0.68 0.00	38.70 -0.63 0.00
ST_LAW_115_BK8_LBMP 345038	39.29 -0.28 0.00	37.38 -0.26 0.00	36.38 -0.33 0.00	35.37 -0.36 0.00	33.61 -0.41 0.00	34.35 -0.49 0.00	37.04 -0.45 0.00	39.22 -0.47 0.00	37.54 -0.53 0.00	36.71 -0.60 0.00	35.67 -0.62 0.00	35.27 -0.65 0.00	37.45 -0.73 0.00	37.94 -0.74 0.00	39.86 -0.77 0.00	44.01 -0.85 0.00	51.04 -0.93 0.00	60.22 -1.23 0.00	57.25 -1.05 0.00	50.93 -0.88 0.00	45.92 -0.70 0.00	42.52 -0.69 0.00	39.32 -0.68 0.00	38.70 -0.63 0.00
ST_LAW_230_BK5_LBMP 345035	39.29 -0.28 0.00	37.38 -0.26 0.00	36.38 -0.33 0.00	35.34 -0.39 0.00	33.61 -0.41 0.00	34.35 -0.49 0.00	37.04 -0.45 0.00	39.22 -0.47 0.00	37.57 -0.50 0.00	36.71 -0.60 0.00	35.67 -0.62 0.00	35.31 -0.61 0.00	37.49 -0.69 0.00	37.94 -0.74 0.00	39.86 -0.77 0.00	44.01 -0.85 0.00	51.04 -0.93 0.00	60.28 -1.17 0.00	57.30 -0.99 0.00	50.93 -0.88 0.00	45.92 -0.70 0.00	42.52 -0.69 0.00	39.36 -0.64 0.00	38.70 -0.63 0.00
ST_LAW_230_BK6_LBMP 345036	39.29 -0.28 0.00	37.38 -0.26 0.00	36.38 -0.33 0.00	35.34 -0.39 0.00	33.61 -0.41 0.00	34.35 -0.49 0.00	37.04 -0.45 0.00	39.22 -0.47 0.00	37.57 -0.50 0.00	36.71 -0.60 0.00	35.67 -0.62 0.00	35.31 -0.61 0.00	37.49 -0.69 0.00	37.94 -0.74 0.00	39.86 -0.77 0.00	44.01 -0.85 0.00	51.04 -0.93 0.00	60.28 -1.17 0.00	57.30 -0.99 0.00	50.93 -0.88 0.00	45.92 -0.70 0.00	42.52 -0.69 0.00	39.36 -0.64 0.00	38.70 -0.63 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	41.30 1.74 0.00	39.26 1.62 0.00	38.29 1.58 0.00	37.16 1.43 0.00	35.48 1.46 0.00	36.41 1.57 0.00	39.10 1.61 0.00	41.32 1.63 0.00	39.78 1.71 0.00	39.14 1.83 0.00	38.07 1.78 0.00	37.79 1.87 0.00	40.27 2.10 0.00	40.88 2.20 0.00	42.99 2.36 0.00	47.42 2.56 0.00	55.10 3.12 0.00	64.83 3.38 0.00	61.44 3.15 0.00	54.77 2.95 0.00	49.27 2.66 0.00	45.81 2.59 0.00	42.24 2.24 0.00	41.38 2.05 0.00
SWANROAD_115KV_TB1 355699	35.31 -4.23 0.01	33.64 -3.99 0.01	33.02 -3.67 0.01	32.36 -3.36 0.01	31.05 -2.96 0.00	31.60 -3.24 0.00	34.34 -3.15 0.00	36.44 -3.25 0.00	34.07 -4.00 0.00	33.27 -4.03 0.01	31.99 -4.28 0.01	31.56 -4.35 0.01	33.92 -4.24 0.01	34.53 -4.14 0.01	35.79 -4.84 0.01	39.46 -5.38 0.01	45.05 -6.91 0.01	54.93 -6.51 0.00	52.29 -6.00 0.00	45.74 -6.06 0.01	41.21 -5.41 0.00	38.19 -5.01 0.01	35.96 -4.04 0.00	36.19 -3.15 0.00
SYNERGY___BIOGAS 323694	36.74 -2.81 0.01	34.92 -2.71 0.01	34.20 -2.50 0.01	33.54 -2.18 0.01	32.14 -1.87 0.00	32.75 -2.09 0.00	35.54 -1.95 0.00	37.79 -1.91 0.00	35.67 -2.40 0.00	34.76 -2.54 0.01	33.52 -2.76 0.01	33.03 -2.87 0.01	35.53 -2.63 0.01	36.11 -2.55 0.01	37.58 -3.05 0.01	41.62 -3.23 0.01	47.70 -4.26 0.01	58.31 -3.13 0.00	55.55 -2.74 0.00	48.59 -3.21 0.01	43.82 -2.80 0.00	40.40 -2.81 0.01	37.76 -2.24 0.00	37.60 -1.73 0.00
SYRACUSE___ENERGY_ST1 323597	39.21 -0.36 0.00	37.34 -0.30 0.00	36.38 -0.33 0.00	35.48 -0.25 0.00	33.84 -0.17 0.00	34.63 -0.21 0.00	37.34 -0.15 0.00	39.58 -0.12 0.00	38.03 -0.04 0.00	37.27 -0.04 0.00	36.32 0.04 0.00	35.88 -0.04 0.00	38.14 -0.04 0.00	38.60 -0.08 0.00	40.55 -0.08 0.00	44.72 -0.13 0.00	51.82 -0.16 0.00	61.51 0.06 0.00	58.29 0.00 0.00	51.71 -0.10 0.00	46.48 -0.14 0.00	43.00 -0.22 0.00	39.84 -0.16 0.00	39.10 -0.24 0.00
SYRACUSE___ENERGY_ST2 323598	39.21 -0.36 0.00	37.34 -0.30 0.00	36.38 -0.33 0.00	35.48 -0.25 0.00	33.84 -0.17 0.00	34.63 -0.21 0.00	37.34 -0.15 0.00	39.58 -0.12 0.00	38.03 -0.04 0.00	37.27 -0.04 0.00	36.32 0.04 0.00	35.88 -0.04 0.00	38.14 -0.04 0.00	38.60 -0.08 0.00	40.55 -0.08 0.00	44.72 -0.13 0.00	51.82 -0.16 0.00	61.51 0.06 0.00	58.29 0.00 0.00	51.71 -0.10 0.00	46.48 -0.14 0.00	43.00 -0.22 0.00	39.84 -0.16 0.00	39.10 -0.24 0.00
SYRACUSE___POWER 24017	39.17 -0.40 0.00	37.31 -0.34 0.00	36.34 -0.37 0.00	35.41 -0.32 0.00	33.81 -0.20 0.00	34.60 -0.24 0.00	37.26 -0.22 0.00	39.54 -0.16 0.00	37.95 -0.11 0.00	37.20 -0.11 0.00	36.25 -0.04 0.00	35.81 -0.11 0.00	38.06 -0.11 0.00	38.53 -0.15 0.00	40.48 -0.16 0.00	44.68 -0.18 0.00	51.77 -0.21 0.00	61.45 0.00 0.00	58.24 -0.06 0.00	51.66 -0.16 0.00	46.43 -0.19 0.00	42.96 -0.26 0.00	39.80 -0.20 0.00	39.06 -0.28 0.00
TALLMAN__138KV_BK151 55660	41.50 1.94 0.00	39.41 1.77 0.00	38.43 1.73 0.00	37.30 1.57 0.00	35.65 1.63 0.00	36.58 1.74 0.00	39.29 1.80 0.00	41.52 1.83 0.00	39.97 1.90 0.00	39.36 2.05 0.00	38.32 2.03 0.00	38.04 2.12 0.00	40.54 2.37 0.00	41.15 2.48 0.00	43.28 2.64 0.00	47.69 2.83 0.00	55.46 3.48 0.00	65.20 3.75 0.00	61.79 3.50 0.00	55.13 3.32 0.00	49.60 2.98 0.00	46.11 2.90 0.00	42.52 2.52 0.00	41.58 2.24 0.00
TEALLAVE_115KV_TB7 355573	39.01 -0.55 0.00	37.12 -0.53 0.00	36.19 -0.51 0.00	35.30 -0.43 0.00	33.67 -0.34 0.00	34.46 -0.38 0.00	37.15 -0.34 0.00	39.38 -0.32 0.00	37.80 -0.27 0.00	37.05 -0.26 0.00	36.11 -0.18 0.00	35.67 -0.25 0.00	37.87 -0.31 0.00	38.37 -0.31 0.00	40.27 -0.37 0.00	44.46 -0.40 0.00	51.46 -0.52 0.00	61.14 -0.31 0.00	57.94 -0.35 0.00	51.35 -0.47 0.00	46.20 -0.42 0.00	42.74 -0.48 0.00	39.60 -0.40 0.00	38.90 -0.43 0.00
TELGRAPH_34_KV_EAST 80808	36.07 -3.48 0.01	34.32 -3.31 0.01	33.65 -3.05 0.01	32.97 -2.75 0.01	31.60 -2.41 0.00	32.19 -2.65 0.00	34.98 -2.51 0.00	37.15 -2.54 0.00	34.99 -3.08 0.00	34.17 -3.13 0.01	32.90 -3.37 0.01	32.42 -3.48 0.01	34.88 -3.28 0.01	35.46 -3.21 0.01	36.84 -3.78 0.01	40.72 -4.13 0.01	46.56 -5.41 0.01	56.84 -4.61 0.00	54.10 -4.20 0.00	47.35 -4.46 0.01	42.65 -3.96 0.00	39.44 -3.76 0.01	37.00 -3.00 0.00	36.94 -2.40 0.00
TEMPLE___115KV_TB 2 55572	39.05 -0.51 0.00	37.15 -0.49 0.00	36.23 -0.48 0.00	35.30 -0.43 0.00	33.67 -0.34 0.00	34.49 -0.35 0.00	37.15 -0.34 0.00	39.42 -0.28 0.00	37.84 -0.23 0.00	37.08 -0.22 0.00	36.14 -0.15 0.00	35.67 -0.25 0.00	37.91 -0.27 0.00	38.41 -0.27 0.00	40.31 -0.33 0.00	44.50 -0.36 0.00	51.51 -0.47 0.00	61.14 -0.31 0.00	57.94 -0.35 0.00	51.40 -0.41 0.00	46.20 -0.42 0.00	42.74 -0.48 0.00	39.60 -0.40 0.00	38.90 -0.43 0.00
TIANA____69_KV_BK 1 55817	43.04 3.48 0.00	40.92 3.27 0.00	39.20 2.50 0.00	38.05 2.32 0.00	36.36 2.35 0.00	37.28 2.44 0.00	40.19 2.70 0.00	42.47 2.78 0.00	41.08 3.01 0.00	40.89 3.58 0.00	40.39 4.10 0.00	40.09 4.17 0.00	42.60 4.43 0.00	43.28 4.60 0.00	45.59 4.96 0.00	50.39 5.52 -0.01	62.48 6.50 -4.00	68.62 7.13 -0.05	67.14 6.76 -2.09	63.71 6.32 -5.58	54.42 5.50 -2.31	51.75 5.01 -3.52	44.32 4.32 0.00	43.39 4.05 0.00

TILDEN___115KV_TB1 80814	39.17 -0.40 0.00	37.31 -0.34 0.00	36.34 -0.37 0.00	35.41 -0.32 0.00	33.81 -0.20 0.00	34.60 -0.24 0.00	37.26 -0.22 0.00	39.54 -0.16 0.00	37.95 -0.11 0.00	37.20 -0.11 0.00	36.25 -0.04 0.00	35.81 -0.11 0.00	38.06 -0.11 0.00	38.53 -0.15 0.00	40.48 -0.16 0.00	44.68 -0.18 0.00	51.77 -0.21 0.00	61.45 0.00 0.00	58.24 -0.06 0.00	51.66 -0.16 0.00	46.43 -0.19 0.00	42.96 -0.26 0.00	39.80 -0.20 0.00	39.06 -0.28 0.00
TRIGEN___CC 323695	42.29 2.73 0.00	40.20 2.56 0.00	38.80 2.09 0.00	37.69 1.97 0.00	35.99 1.97 0.00	36.90 2.06 0.00	39.74 2.25 0.00	41.96 2.26 0.00	40.47 2.40 0.00	40.07 2.76 0.00	39.26 2.98 0.00	39.01 3.09 0.00	41.57 3.40 0.00	42.24 3.56 0.00	44.41 3.78 0.00	48.91 4.04 -0.02	56.67 4.68 -0.02	66.56 5.10 -0.02	63.03 4.72 -0.02	56.28 4.46 -0.02	52.93 4.01 -2.31	50.71 3.89 -3.60	43.60 3.60 0.00	42.60 3.26 0.00
TRINITY___115KV___4 BK 55933	40.55 0.99 0.00	38.77 1.13 0.00	37.85 1.14 0.00	36.80 1.07 0.00	35.03 1.02 0.00	35.92 1.08 0.00	38.61 1.12 0.00	40.85 1.15 0.00	38.94 0.88 0.00	38.20 0.90 0.00	37.20 0.91 0.00	36.85 0.93 0.00	39.24 1.07 0.00	39.80 1.12 0.00	41.85 1.22 0.00	46.20 1.35 0.00	53.28 1.30 0.00	62.62 1.17 0.00	59.34 1.05 0.00	52.80 0.98 0.00	47.50 0.89 0.00	44.21 0.99 0.00	41.00 1.00 0.00	40.51 1.18 0.00
UNION___PROCESSING_DRP 323587	37.30 -2.26 0.01	35.45 -2.18 0.01	34.72 -1.98 0.01	34.01 -1.71 0.00	32.52 -1.50 0.00	33.20 -1.64 0.00	35.88 -1.61 0.00	38.15 -1.55 0.00	36.39 -1.68 0.00	35.62 -1.68 0.00	34.43 -1.85 0.01	33.93 -1.98 0.01	36.45 -1.72 0.01	37.05 -1.62 0.01	38.60 -2.03 0.01	42.56 -2.29 0.01	48.96 -3.01 0.01	59.36 -2.09 0.00	56.37 -1.92 0.00	49.53 -2.28 0.00	44.61 -2.00 0.00	41.18 -2.03 0.01	38.32 -1.68 0.00	37.84 -1.49 0.00
UPPER HUDSON___HYD 24058	42.06 2.49 0.00	39.98 2.33 0.00	39.02 2.31 0.00	37.98 2.25 0.00	36.12 2.11 0.00	37.07 2.23 0.00	39.81 2.33 0.00	42.20 2.50 0.00	40.43 2.36 0.00	39.51 2.20 0.00	38.47 2.18 0.00	38.11 2.19 0.00	40.50 2.33 0.00	41.04 2.36 0.00	43.20 2.56 0.00	47.91 3.05 0.00	55.67 3.69 0.00	65.81 4.36 0.00	62.43 4.14 0.00	55.34 3.52 0.00	49.88 3.26 0.00	46.29 3.07 0.00	42.72 2.72 0.00	42.09 2.75 0.00
UPPER RAQUET___HYD 24056	39.68 0.12 0.00	37.72 0.08 0.00	36.67 -0.04 0.00	35.66 -0.07 0.00	33.84 -0.17 0.00	34.56 -0.28 0.00	37.30 -0.19 0.00	39.50 -0.20 0.00	37.76 -0.31 0.00	36.79 -0.52 0.00	35.78 -0.51 0.00	35.42 -0.50 0.00	37.60 -0.57 0.00	38.02 -0.66 0.00	39.94 -0.69 0.00	43.96 -0.90 0.00	50.88 -1.09 0.00	59.97 -1.48 0.00	57.07 -1.23 0.00	51.04 -0.78 0.00	46.24 -0.37 0.00	42.92 -0.30 0.00	39.68 -0.32 0.00	39.06 -0.27 0.00
VALLEY44_115KV_TB2 355964	36.02 -3.52 0.02	34.46 -3.16 0.02	33.24 -3.45 0.02	32.47 -3.25 0.01	31.26 -2.76 0.00	31.78 -3.07 0.00	34.60 -2.89 0.00	36.76 -2.94 0.00	34.83 -3.24 0.00	34.09 -3.21 0.01	33.33 -2.94 0.02	33.20 -2.69 0.02	34.99 -3.17 0.02	35.33 -3.33 0.02	37.53 -3.09 0.02	41.65 -3.18 0.02	47.96 -4.00 0.02	56.78 -4.67 0.00	54.04 -4.26 0.00	47.45 -4.35 0.01	42.65 -3.96 0.00	39.57 -3.63 0.02	36.88 -3.12 0.00	36.54 -2.79 0.00
VALLEY___115KV_TB 1-4 80826	40.31 0.75 0.00	38.13 0.49 0.00	37.07 0.37 0.00	36.01 0.29 0.00	34.25 0.24 0.00	35.12 0.28 0.00	37.75 0.26 0.00	39.97 0.28 0.00	38.37 0.30 0.00	37.64 0.34 0.00	36.65 0.36 0.00	36.35 0.43 0.00	38.60 0.42 0.00	39.06 0.39 0.00	41.08 0.45 0.00	45.31 0.45 0.00	52.55 0.57 0.00	62.19 0.74 0.00	58.99 0.70 0.00	52.49 0.67 0.00	47.13 0.51 0.00	43.78 0.56 0.00	40.52 0.52 0.00	39.89 0.55 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	41.18 1.62 0.00	39.07 1.43 0.00	38.14 1.43 0.00	37.12 1.39 0.00	35.27 1.26 0.00	36.20 1.36 0.00	38.99 1.50 0.00	41.36 1.67 0.00	39.82 1.75 0.00	39.06 1.75 0.00	38.07 1.78 0.00	37.75 1.83 0.00	40.08 1.91 0.00	40.50 1.82 0.00	42.63 1.99 0.00	47.06 2.20 0.00	54.73 2.75 0.00	64.77 3.32 0.00	61.33 3.03 0.00	54.56 2.75 0.00	48.95 2.33 0.00	45.33 2.12 0.00	41.88 1.88 0.00	41.10 1.77 0.00
VISCHER___FERRY HYD 24020	41.18 1.62 0.00	39.19 1.54 0.00	38.29 1.58 0.00	37.23 1.50 0.00	35.41 1.40 0.00	36.34 1.50 0.00	39.03 1.54 0.00	41.32 1.63 0.00	39.59 1.52 0.00	38.80 1.49 0.00	37.74 1.45 0.00	37.43 1.51 0.00	39.82 1.64 0.00	40.42 1.74 0.00	42.47 1.83 0.00	46.97 2.11 0.00	54.37 2.39 0.00	63.97 2.52 0.00	60.69 2.39 0.00	53.89 2.07 0.00	48.48 1.87 0.00	45.03 1.81 0.00	41.64 1.64 0.00	41.14 1.81 0.00
V_A_10_SYNC_DSASP 323832	35.91 -3.64 0.01	34.17 -3.46 0.01	33.58 -3.12 0.01	32.90 -2.82 0.01	31.50 -2.52 0.00	32.12 -2.72 0.00	34.79 -2.70 0.00	36.99 -2.70 0.00	35.10 -2.97 0.00	34.35 -2.95 0.01	33.08 -3.19 0.01	32.53 -3.38 0.01	35.03 -3.13 0.01	35.65 -3.02 0.01	36.89 -3.74 0.01	40.63 -4.22 0.01	46.56 -5.41 0.01	56.78 -4.67 0.00	53.98 -4.31 0.00	47.30 -4.51 0.01	42.65 -3.96 0.00	39.40 -3.80 0.01	36.96 -3.04 0.00	36.66 -2.67 0.00
V_CMM_10_SYNC_DSASP 323787	39.44 -0.12 0.00	37.53 -0.11 0.00	36.52 -0.18 0.00	35.51 -0.21 0.00	33.74 -0.27 0.00	34.49 -0.35 0.00	37.19 -0.30 0.00	39.38 -0.32 0.00	37.73 -0.34 0.00	36.86 -0.45 0.00	35.82 -0.47 0.00	35.45 -0.47 0.00	37.64 -0.53 0.00	38.10 -0.58 0.00	40.03 -0.61 0.00	44.19 -0.67 0.00	51.25 -0.73 0.00	60.47 -0.98 0.00	57.48 -0.82 0.00	51.14 -0.67 0.00	46.10 -0.51 0.00	42.70 -0.52 0.00	39.52 -0.48 0.00	38.86 -0.47 0.00
V_CMP_10_SYNC_DSASP 323788	39.48 -0.08 0.00	37.53 -0.11 0.00	36.45 -0.26 0.00	35.30 -0.43 0.00	33.40 -0.61 0.00	34.04 -0.80 0.00	36.74 -0.75 0.00	38.86 -0.83 0.00	37.19 -0.88 0.00	36.23 -1.08 0.00	35.13 -1.16 0.00	34.70 -1.22 0.00	36.84 -1.34 0.00	37.25 -1.43 0.00	39.09 -1.54 0.00	43.20 -1.66 0.00	50.21 -1.77 0.00	59.17 -2.27 0.00	56.31 -1.98 0.00	50.10 -1.71 0.00	45.17 -1.45 0.00	41.79 -1.43 0.00	38.68 -1.32 0.00	38.04 -1.30 0.00
V_D_10_SYNC_DSASP 323841	39.72 0.16 0.00	37.79 0.15 0.00	36.78 0.07 0.00	35.80 0.07 0.00	33.98 -0.03 0.00	34.70 -0.14 0.00	37.45 -0.04 0.00	39.65 -0.04 0.00	37.95 -0.11 0.00	37.05 -0.26 0.00	36.03 -0.25 0.00	35.67 -0.25 0.00	37.87 -0.31 0.00	38.33 -0.35 0.00	40.23 -0.41 0.00	44.41 -0.45 0.00	51.56 -0.42 0.00	60.77 -0.68 0.00	57.83 -0.47 0.00	51.50 -0.31 0.00	46.43 -0.19 0.00	43.00 -0.22 0.00	39.80 -0.20 0.00	39.18 -0.16 0.00
V_E_10_SYNC_DSASP 323830	41.16 1.58 -0.02	38.79 1.13 -0.02	37.75 1.03 -0.02	36.77 1.04 -0.01	34.90 0.88 0.00	35.78 0.94 0.00	38.73 1.24 0.00	41.24 1.55 0.00	39.67 1.60 0.00	38.62 1.31 -0.01	37.61 1.31 -0.02	37.19 1.26 -0.02	39.45 1.26 -0.02	39.74 1.04 -0.01	41.99 1.34 -0.02	46.54 1.66 -0.02	54.59 2.60 -0.02	65.50 4.06 0.00	62.03 3.73 0.00	55.19 3.37 -0.01	49.27 2.66 0.00	45.22 1.99 -0.02	41.72 1.72 0.00	40.95 1.61 0.00

V_F_30_NSYNC___DSASP 323816	41.66 2.10 0.00	39.64 2.00 0.00	38.65 1.95 0.00	37.62 1.89 0.00	35.78 1.77 0.00	36.72 1.88 0.00	39.44 1.95 0.00	41.76 2.06 0.00	40.01 1.94 0.00	39.14 1.83 0.00	38.10 1.81 0.00	37.75 1.83 0.00	40.16 1.99 0.00	40.77 2.09 0.00	42.87 2.23 0.00	47.55 2.69 0.00	55.15 3.17 0.00	65.07 3.63 0.00	61.68 3.38 0.00	54.77 2.95 0.00	49.27 2.66 0.00	45.77 2.55 0.00	42.28 2.28 0.00	41.66 2.32 0.00
V_F_30_SYNC_DSASP 323786	40.63 1.07 0.00	38.92 1.28 0.00	37.96 1.25 0.00	36.91 1.18 0.00	35.14 1.12 0.00	36.06 1.22 0.00	38.73 1.24 0.00	40.96 1.27 0.00	39.06 0.99 0.00	38.28 0.97 0.00	37.30 1.02 0.00	36.96 1.04 0.00	39.32 1.15 0.00	39.91 1.24 0.00	41.98 1.34 0.00	46.34 1.48 0.00	53.43 1.46 0.00	62.80 1.35 0.00	59.52 1.22 0.00	52.90 1.09 0.00	47.64 1.03 0.00	44.34 1.12 0.00	41.12 1.12 0.00	40.63 1.30 0.00
V_XM_10_SYNC_DSASP 323789	39.48 -0.08 0.00	37.53 -0.11 0.00	36.45 -0.26 0.00	35.30 -0.43 0.00	33.40 -0.61 0.00	34.04 -0.80 0.00	36.74 -0.75 0.00	38.86 -0.83 0.00	37.19 -0.88 0.00	36.23 -1.08 0.00	35.13 -1.16 0.00	34.70 -1.22 0.00	36.84 -1.34 0.00	37.25 -1.43 0.00	39.09 -1.54 0.00	43.20 -1.66 0.00	50.21 -1.77 0.00	59.17 -2.27 0.00	56.31 -1.98 0.00	50.10 -1.71 0.00	45.17 -1.45 0.00	41.79 -1.43 0.00	38.68 -1.32 0.00	38.04 -1.30 0.00
W.BABYLN_69_KV_BK1 56697	43.12 3.56 0.00	40.99 3.35 0.00	39.39 2.68 0.00	38.26 2.54 0.00	36.53 2.52 0.00	37.42 2.58 0.00	40.37 2.89 0.00	42.59 2.90 0.00	41.08 3.01 0.00	40.74 3.43 0.00	40.10 3.81 0.00	39.83 3.92 0.00	42.45 4.28 0.00	43.16 4.49 0.00	45.47 4.84 0.00	50.16 5.29 -0.01	58.13 5.82 -0.33	68.04 6.57 -0.01	64.48 6.00 -0.18	57.97 5.70 -0.46	54.42 5.50 -2.31	51.77 5.01 -3.54	44.60 4.60 0.00	43.58 4.25 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	41.66 2.10 0.00	39.56 1.92 0.00	38.58 1.87 0.00	37.44 1.71 0.00	35.75 1.73 0.00	36.69 1.85 0.00	39.44 1.95 0.00	41.64 1.95 0.00	40.09 2.02 0.00	39.47 2.16 0.00	38.43 2.14 0.00	38.15 2.23 0.00	40.69 2.52 0.00	41.31 2.63 0.00	43.44 2.80 0.00	47.86 3.01 0.00	55.67 3.69 0.00	65.50 4.06 0.00	62.03 3.73 0.00	55.34 3.52 0.00	49.79 3.17 0.00	46.28 3.07 0.00	42.68 2.68 0.00	41.73 2.40 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	41.90 2.33 0.00	39.71 2.07 0.00	38.69 1.98 0.00	37.51 1.79 0.00	35.88 1.87 0.00	36.86 2.02 0.00	39.59 2.10 0.00	41.84 2.14 0.00	40.28 2.21 0.00	39.77 2.46 0.00	38.68 2.40 0.00	38.47 2.55 0.00	41.00 2.82 0.00	41.62 2.94 0.00	43.76 3.13 0.00	48.22 3.36 0.00	55.98 4.00 0.00	65.69 4.24 0.00	62.26 3.96 0.00	55.54 3.73 0.00	49.97 3.36 0.00	46.54 3.33 0.00	42.92 2.92 0.00	41.93 2.60 0.00
W50THST__13_KV_LOAD 356117	42.01 2.45 0.00	39.83 2.18 0.00	38.80 2.09 0.00	37.62 1.89 0.00	35.99 1.97 0.00	36.97 2.13 0.00	39.70 2.21 0.00	42.00 2.30 0.00	40.43 2.36 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.61 2.69 0.00	41.15 2.98 0.00	41.81 3.13 0.00	43.97 3.33 0.00	48.40 3.54 0.00	56.19 4.21 0.00	65.93 4.49 0.00	62.49 4.20 0.00	55.75 3.94 0.00	50.16 3.54 0.00	46.72 3.50 0.00	43.08 3.08 0.00	42.05 2.71 0.00
WADING RIVER_IC_1 23522	42.96 3.40 0.00	40.81 3.16 0.00	39.21 2.50 0.00	38.12 2.39 0.00	36.19 2.18 0.00	37.18 2.33 0.00	40.07 2.58 0.00	42.35 2.66 0.00	40.93 2.86 0.00	40.67 3.36 0.00	40.17 3.88 0.00	39.87 3.95 0.00	42.37 4.20 0.00	43.13 4.45 -0.01	45.35 4.71 -0.01	50.07 5.20 -0.01	62.12 6.13 -4.01	68.26 6.76 -0.05	66.80 6.41 -2.09	63.42 6.01 -5.60	54.23 5.31 -2.31	51.62 4.88 -3.52	44.17 4.16 -0.01	43.27 3.93 0.00
WADING RIVER_IC_2 23547	42.96 3.40 0.00	40.81 3.16 0.00	39.21 2.50 0.00	38.12 2.39 0.00	36.19 2.18 0.00	37.18 2.33 0.00	40.07 2.58 0.00	42.35 2.66 0.00	40.93 2.86 0.00	40.67 3.36 0.00	40.17 3.88 0.00	39.87 3.95 0.00	42.37 4.20 0.00	43.13 4.45 -0.01	45.35 4.71 -0.01	50.07 5.20 -0.01	62.12 6.13 -4.01	68.26 6.76 -0.05	66.80 6.41 -2.09	63.42 6.01 -5.60	54.23 5.31 -2.31	51.62 4.88 -3.52	44.17 4.16 -0.01	43.27 3.93 0.00
WADING RIVER_IC_3 23601	42.96 3.40 0.00	40.81 3.16 0.00	39.21 2.50 0.00	38.12 2.39 0.00	36.19 2.18 0.00	37.18 2.33 0.00	40.07 2.58 0.00	42.35 2.66 0.00	40.93 2.86 0.00	40.67 3.36 0.00	40.17 3.88 0.00	39.87 3.95 0.00	42.37 4.20 0.00	43.13 4.45 -0.01	45.35 4.71 -0.01	50.07 5.20 -0.01	62.12 6.13 -4.01	68.26 6.76 -0.05	66.80 6.41 -2.09	63.42 6.01 -5.60	54.23 5.31 -2.31	51.62 4.88 -3.52	44.17 4.16 -0.01	43.27 3.93 0.00
WALDENNY_12_KV_BK2 80841	35.63 -3.92 0.02	34.01 -3.61 0.02	33.20 -3.49 0.02	32.50 -3.22 0.01	31.22 -2.79 0.00	31.74 -3.10 0.00	34.56 -2.92 0.00	36.72 -2.98 0.00	34.64 -3.43 0.00	33.94 -3.36 0.01	32.79 -3.48 0.02	32.42 -3.48 0.02	34.65 -3.51 0.02	35.18 -3.48 0.01	36.72 -3.90 0.02	40.63 -4.22 0.02	46.50 -5.46 0.02	56.29 -5.16 0.00	53.57 -4.72 0.00	46.98 -4.82 0.01	42.23 -4.38 0.00	39.14 -4.06 0.02	36.68 -3.32 0.00	36.54 -2.79 0.00
WALDEN___HYDRO 24148	41.46 1.90 0.00	39.37 1.73 0.00	38.40 1.69 0.00	37.26 1.54 0.00	35.58 1.56 0.00	36.51 1.67 0.00	39.21 1.72 0.00	41.40 1.71 0.00	39.86 1.79 0.00	39.17 1.87 0.00	38.10 1.81 0.00	37.82 1.90 0.00	40.35 2.18 0.00	40.96 2.28 0.00	43.07 2.44 0.00	47.51 2.65 0.00	55.25 3.27 0.00	65.07 3.63 0.00	61.68 3.38 0.00	54.97 3.16 0.00	49.41 2.80 0.00	45.98 2.77 0.00	42.40 2.40 0.00	41.50 2.16 0.00
WARRENSBURG____ 23737	42.05 2.49 0.00	40.01 2.37 0.00	39.02 2.31 0.00	37.94 2.22 0.00	36.09 2.07 0.00	37.07 2.23 0.00	39.81 2.32 0.00	42.19 2.50 0.00	40.43 2.36 0.00	39.51 2.20 0.00	38.47 2.18 0.00	38.11 2.19 0.00	40.50 2.33 0.00	41.04 2.36 0.00	43.20 2.56 0.00	47.95 3.10 0.00	55.67 3.69 0.00	65.81 4.36 0.00	62.43 4.14 0.00	55.34 3.52 0.00	49.88 3.26 0.00	46.28 3.07 0.00	42.76 2.76 0.00	42.09 2.75 0.00
WATERSIDE____6 8 9 23538	42.05 2.49 0.00	39.90 2.26 0.00	38.80 2.09 0.00	37.59 1.86 0.00	35.99 1.97 0.00	36.86 2.02 0.00	39.55 2.06 0.00	41.80 2.10 0.00	40.24 2.17 0.00	39.77 2.46 0.00	38.68 2.40 0.00	38.47 2.55 0.00	41.00 2.82 0.00	41.66 2.98 0.00	43.80 3.17 0.00	48.18 3.32 0.00	55.88 3.90 0.00	65.44 3.99 0.00	62.03 3.73 0.00	55.54 3.73 0.00	50.02 3.40 0.00	46.59 3.37 0.00	42.96 2.96 0.00	41.97 2.64 0.00
WATKINRD_115KV_LN8_ILLION 55919	40.15 0.59 0.00	38.06 0.41 0.00	37.04 0.33 0.00	36.05 0.32 0.00	34.29 0.27 0.00	35.16 0.31 0.00	37.75 0.26 0.00	40.01 0.32 0.00	38.41 0.34 0.00	37.64 0.34 0.00	36.65 0.36 0.00	36.31 0.40 0.00	38.60 0.42 0.00	39.06 0.39 0.00	41.08 0.45 0.00	45.31 0.45 0.00	52.55 0.57 0.00	62.19 0.74 0.00	58.94 0.64 0.00	52.43 0.62 0.00	47.13 0.51 0.00	43.73 0.52 0.00	40.48 0.48 0.00	39.81 0.47 0.00

WDELAWARE___HYD 323627	41.70 2.13 0.00	39.49 1.84 0.00	38.58 1.87 0.00	37.51 1.79 0.00	35.68 1.67 0.00	36.62 1.78 0.00	39.36 1.87 0.00	41.52 1.83 0.00	40.05 1.98 0.00	39.25 1.94 0.00	38.17 1.89 0.00	37.86 1.94 0.00	40.39 2.21 0.00	41.04 2.36 0.00	43.11 2.48 0.00	47.55 2.69 0.00	55.41 3.43 0.00	65.44 3.99 0.00	62.03 3.73 0.00	55.28 3.47 0.00	49.64 3.03 0.00	46.20 2.98 0.00	42.52 2.52 0.00	41.65 2.32 0.00
WEST BABYLON___IC 23714	43.12 3.56 0.00	40.99 3.35 0.00	39.39 2.68 0.00	38.26 2.54 0.00	36.53 2.52 0.00	37.42 2.58 0.00	40.37 2.89 0.00	42.59 2.90 0.00	41.08 3.01 0.00	40.74 3.43 0.00	40.10 3.81 0.00	39.83 3.92 0.00	42.45 4.28 0.00	43.16 4.49 0.00	45.47 4.84 0.00	50.16 5.29 -0.01	58.13 5.82 -0.33	68.04 6.57 -0.01	64.48 6.00 -0.18	57.97 5.70 -0.46	54.42 5.50 -2.31	51.77 5.01 -3.54	44.60 4.60 0.00	43.58 4.25 0.00
WEST CANADA___HYD 24049	39.72 0.16 0.00	37.79 0.15 0.00	36.86 0.15 0.00	35.91 0.18 0.00	34.15 0.14 0.00	35.02 0.18 0.00	37.64 0.15 0.00	39.85 0.16 0.00	38.22 0.15 0.00	37.50 0.19 0.00	36.47 0.18 0.00	36.14 0.22 0.00	38.41 0.23 0.00	38.91 0.23 0.00	40.88 0.25 0.00	45.13 0.27 0.00	52.29 0.31 0.00	61.82 0.37 0.00	58.59 0.29 0.00	52.12 0.31 0.00	46.85 0.23 0.00	43.48 0.26 0.00	40.24 0.24 0.00	39.57 0.24 0.00
WESTERN_NY_WIND 24143	36.66 -2.89 0.01	34.85 -2.79 0.01	34.13 -2.57 0.01	33.51 -2.22 0.01	32.07 -1.94 0.00	32.72 -2.13 0.00	35.46 -2.02 0.00	37.71 -1.98 0.00	35.59 -2.47 0.00	34.69 -2.61 0.01	33.41 -2.87 0.01	32.93 -2.98 0.01	35.41 -2.75 0.01	36.04 -2.63 0.01	37.49 -3.13 0.01	41.48 -3.36 0.01	47.55 -4.42 0.01	58.13 -3.32 0.00	55.38 -2.91 0.00	48.44 -3.37 0.01	43.68 -2.94 0.00	40.31 -2.90 0.01	37.68 -2.32 0.00	37.56 -1.77 0.00
WESTOVER___LESR 323668	39.32 -0.24 0.00	37.41 -0.23 0.00	36.45 -0.26 0.00	35.51 -0.21 0.00	33.91 -0.10 0.00	34.70 -0.14 0.00	37.41 -0.07 0.00	39.69 0.00 0.00	38.03 -0.04 0.00	37.27 -0.04 0.00	36.28 0.00 0.00	35.88 -0.04 0.00	38.17 0.00 0.00	38.64 -0.04 0.00	40.67 0.04 0.00	44.90 0.04 0.00	52.03 0.05 0.00	61.82 0.37 0.00	58.59 0.29 0.00	51.97 0.16 0.00	46.71 0.09 0.00	43.21 0.00 0.00	40.04 0.04 0.00	39.33 0.00 0.00
WETHRSFD_WT_PWR 323626	34.83 -4.71 0.02	33.22 -4.40 0.02	32.39 -4.29 0.02	31.71 -4.00 0.01	30.58 -3.43 0.00	31.15 -3.69 0.00	33.89 -3.60 0.00	35.96 -3.73 0.00	34.03 -4.04 0.00	33.19 -4.10 0.01	32.13 -4.14 0.02	31.66 -4.24 0.02	33.84 -4.31 0.02	34.33 -4.33 0.02	35.86 -4.75 0.02	39.63 -5.20 0.02	45.66 -6.29 0.02	55.30 -6.14 0.00	52.64 -5.65 0.00	46.20 -5.60 0.01	41.58 -5.04 0.00	38.48 -4.71 0.02	36.32 -3.68 0.00	35.76 -3.58 0.00
WHAVSTOR_138KV_BK127 55557	41.50 1.94 0.00	39.41 1.77 0.00	38.43 1.73 0.00	37.30 1.57 0.00	35.61 1.60 0.00	36.58 1.74 0.00	39.29 1.80 0.00	41.48 1.79 0.00	39.93 1.87 0.00	39.36 2.05 0.00	38.28 2.00 0.00	38.04 2.12 0.00	40.54 2.37 0.00	41.15 2.48 0.00	43.28 2.64 0.00	47.69 2.83 0.00	55.41 3.43 0.00	65.14 3.69 0.00	61.73 3.44 0.00	55.08 3.26 0.00	49.55 2.94 0.00	46.07 2.85 0.00	42.48 2.48 0.00	41.58 2.24 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	41.50 1.94 0.00	39.41 1.77 0.00	38.43 1.73 0.00	37.30 1.57 0.00	35.61 1.60 0.00	36.58 1.74 0.00	39.29 1.80 0.00	41.48 1.79 0.00	39.93 1.87 0.00	39.36 2.05 0.00	38.28 2.00 0.00	38.04 2.12 0.00	40.54 2.37 0.00	41.15 2.48 0.00	43.28 2.64 0.00	47.69 2.83 0.00	55.41 3.43 0.00	65.14 3.69 0.00	61.73 3.44 0.00	55.08 3.26 0.00	49.55 2.94 0.00	46.07 2.85 0.00	42.48 2.48 0.00	41.58 2.24 0.00
WHITEHAL_115KV_TB1 80871	42.53 2.97 0.00	40.43 2.79 0.00	39.42 2.72 0.00	38.34 2.61 0.00	36.50 2.48 0.00	37.49 2.65 0.00	40.26 2.77 0.00	42.67 2.98 0.00	40.81 2.74 0.00	39.81 2.50 0.00	38.79 2.50 0.00	38.40 2.48 0.00	40.81 2.63 0.00	41.35 2.67 0.00	43.52 2.89 0.00	48.45 3.59 0.00	56.45 4.47 0.00	66.86 5.41 0.00	63.42 5.13 0.00	56.16 4.35 0.00	50.62 4.01 0.00	46.93 3.72 0.00	43.28 3.28 0.00	42.60 3.26 0.00
WHITEPLN_13_KV_LOAD 356215	42.05 2.49 0.00	40.01 2.37 0.00	38.91 2.20 0.00	37.76 2.04 0.00	36.09 2.07 0.00	37.04 2.20 0.00	39.74 2.25 0.00	42.04 2.34 0.00	40.47 2.40 0.00	39.88 2.57 0.00	38.76 2.47 0.00	38.54 2.62 0.00	41.08 2.90 0.00	41.73 3.06 0.00	43.93 3.29 0.00	48.40 3.54 0.00	56.34 4.37 0.00	66.30 4.85 0.00	62.84 4.55 0.00	55.96 4.14 0.00	50.30 3.68 0.00	46.76 3.54 0.00	43.12 3.12 0.00	42.13 2.79 0.00
WM_FLOYD_69_KV_BK2 356380	42.88 3.32 0.00	40.77 3.12 0.00	39.09 2.39 0.00	37.94 2.22 0.00	36.26 2.24 0.00	37.14 2.30 0.00	40.07 2.59 0.00	42.31 2.62 0.00	40.85 2.78 0.00	40.59 3.28 0.00	40.06 3.77 0.00	39.76 3.84 0.00	42.26 4.08 0.00	42.97 4.29 0.00	45.31 4.67 0.00	50.03 5.16 -0.01	61.97 6.03 -3.96	68.01 6.51 -0.05	66.54 6.18 -2.06	63.19 5.85 -5.52	54.19 5.27 -2.31	51.62 4.88 -3.52	44.24 4.24 0.00	43.27 3.93 0.00
WOODARD___115KV_TB2 355635	38.97 -0.59 0.00	37.12 -0.53 0.00	36.19 -0.51 0.00	35.26 -0.46 0.00	33.64 -0.37 0.00	34.42 -0.42 0.00	37.11 -0.37 0.00	39.34 -0.36 0.00	37.76 -0.30 0.00	37.01 -0.30 0.00	36.07 -0.22 0.00	35.60 -0.32 0.00	37.83 -0.34 0.00	38.29 -0.39 0.00	40.23 -0.41 0.00	44.41 -0.45 0.00	51.41 -0.57 0.00	61.02 -0.43 0.00	57.83 -0.47 0.00	51.29 -0.52 0.00	46.10 -0.51 0.00	42.65 -0.56 0.00	39.52 -0.48 0.00	38.82 -0.51 0.00
WOODMERE_69_KV_BK1 55827	42.73 3.16 0.00	40.62 2.97 0.00	39.13 2.42 0.00	38.01 2.29 0.00	36.29 2.28 0.00	37.21 2.37 0.00	40.07 2.59 0.00	42.31 2.62 0.00	40.77 2.70 0.00	40.40 3.10 0.00	39.66 3.37 0.00	39.40 3.48 0.00	41.99 3.82 0.00	42.70 4.02 0.00	44.90 4.27 0.00	49.45 4.58 -0.01	57.35 5.35 -0.01	67.42 5.96 -0.01	63.90 5.60 -0.01	56.96 5.13 -0.01	53.54 4.61 -2.31	51.34 4.41 -3.72	44.08 4.08 0.00	43.07 3.74 0.00
YORK___WARBASSE 23770	42.34 2.77 -0.01	40.16 2.52 0.00	39.02 2.31 0.00	37.76 2.04 0.00	36.19 2.18 0.00	37.04 2.20 0.00	39.74 2.25 0.00	41.92 2.22 0.00	40.35 2.28 0.00	39.92 2.61 0.00	38.83 2.54 0.00	38.65 2.73 0.00	41.23 3.05 0.00	41.89 3.21 0.00	44.05 3.41 0.00	48.45 3.59 0.00	56.14 4.16 0.00	65.69 4.24 0.00	62.20 3.91 0.00	55.80 3.99 0.00	50.35 3.73 0.00	46.90 3.67 -0.01	43.29 3.28 -0.01	42.29 2.95 -0.01