

# Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		06/06/2025																										
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
59TH STREET_GT_1 24138	EDT	38.48	32.10	28.16	26.23	26.33	30.60	37.49	38.46	39.45	41.26	42.48	44.23	44.98	48.80	47.15	50.06	51.92	60.49	56.42	49.23	45.94	44.11	41.29	38.96			
		2.85	2.57	2.16	2.19	2.20	2.32	2.39	2.82	3.02	3.60	3.57	3.86	3.98	4.25	4.07	4.45	4.59	5.60	4.75	3.77	3.20	3.00	2.81	2.75			
		0.00	-0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.29	1.64	3.97	2.68	2.17	0.16	0.32	0.01	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_1 24260	EDT	38.59	32.18	28.21	26.28	26.38	30.66	37.52	38.46	39.45	41.30	42.52	44.32	45.03	48.85	47.19	50.11	51.97	60.49	56.42	49.27	46.02	44.19	41.37	39.03			
		2.96	2.65	2.21	2.24	2.24	2.38	2.42	2.82	3.02	3.64	3.61	3.95	4.02	4.30	4.11	4.50	4.64	5.60	4.75	3.82	3.29	3.08	2.89	2.82			
		0.00	-0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.29	1.64	3.97	2.68	2.17	0.16	0.32	0.01	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_2 24261	EDT	38.59	32.18	28.21	26.28	26.38	30.66	37.52	38.46	39.45	41.30	42.52	44.32	45.03	48.85	47.19	50.11	51.97	60.49	56.42	49.27	46.02	44.19	41.37	39.03			
		2.96	2.65	2.21	2.24	2.24	2.38	2.42	2.82	3.02	3.64	3.61	3.95	4.02	4.30	4.11	4.50	4.64	5.60	4.75	3.82	3.29	3.08	2.89	2.82			
		0.00	-0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.29	1.64	3.97	2.68	2.17	0.16	0.32	0.01	0.00	0.00	0.00	0.00	0.00	0.00			
ADK HUDSON___FALLS 24011	EDT	38.41	35.83	28.08	25.99	26.02	30.57	37.52	38.14	38.32	39.26	40.48	41.98	42.82	46.60	45.23	48.05	49.51	57.58	53.94	47.27	44.40	43.00	40.10	37.84			
		2.78	2.42	2.08	1.95	1.88	2.29	2.42	2.50	1.89	1.84	1.74	2.04	2.10	2.29	2.16	2.48	2.18	2.69	2.27	1.82	1.67	1.89	1.62	1.63			
		0.00	-4.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.53	1.82	4.40	2.97	2.40	0.18	0.35	0.01	0.00	0.00	0.00	0.00	0.00	0.00			
ADK RESOURCE___RCVRY 23798	EDT	37.80	35.97	28.19	26.09	26.12	30.71	37.70	37.53	38.43	39.34	40.60	42.11	42.95	46.84	45.40	48.19	49.60	57.74	54.10	47.41	44.53	43.12	40.22	37.91			
		2.17	2.54	2.18	2.04	1.98	2.43	2.60	1.89	2.00	1.92	1.87	2.17	2.23	2.52	2.33	2.62	2.27	2.85	2.43	1.95	1.79	2.01	1.73	1.70			
		0.00	-4.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.53	1.82	4.40	2.97	2.40	0.18	0.35	0.01	0.00	0.00	0.00	0.00	0.00	0.00			
ADK S GLENS___FALLS 24028	EDT	38.41	35.83	28.08	25.99	26.02	30.57	37.52	38.14	38.32	39.26	40.48	41.98	42.82	46.60	45.23	48.05	49.51	57.58	53.94	47.27	44.40	43.00	40.10	37.84			
		2.78	2.42	2.08	1.95	1.88	2.29	2.42	2.50	1.89	1.84	1.74	2.04	2.10	2.29	2.16	2.48	2.18	2.69	2.27	1.82	1.67	1.89	1.62	1.63			
		0.00	-4.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.53	1.82	4.40	2.97	2.40	0.18	0.35	0.01	0.00	0.00	0.00	0.00	0.00	0.00			
ADK_NYS___DAM 23527	EDT	38.65	35.15	28.50	26.45	26.55	31.00	37.80	38.03	38.94	40.11	41.45	42.93	43.80	47.74	46.01	49.07	50.78	59.06	55.39	48.50	45.43	43.62	40.83	38.67			
		3.03	2.86	2.50	2.40	2.41	2.72	2.70	2.39	2.51	2.64	2.68	2.88	3.01	3.37	2.94	3.49	3.45	4.17	3.72	3.05	2.69	2.51	2.35	2.46			
		0.00	-3.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.47	1.78	4.29	2.90	2.35	0.18	0.35	0.01	0.00	0.00	0.00	0.00	0.00	0.00			
AIR_PRODUCTS___DRP 24190	EDT	36.06	31.85	26.44	24.55	24.62	28.76	35.24	35.86	36.65	37.69	38.90	40.21	41.03	44.53	43.24	45.81	47.56	55.22	51.82	45.50	42.69	41.15	38.48	36.28			
		0.43	0.52	0.44	0.50	0.48	0.48	0.14	0.21	0.22	0.20	0.12	0.13	0.22	0.14	0.17	0.23	0.24	0.33	0.16	0.05	-0.04	0.04	0.00	0.07			
		0.00	-2.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.46	1.77	4.26	2.88	2.33	0.17	0.34	0.01	0.00	0.00	0.00	0.00	0.00	0.00			
AKWESSNE_115KV_BK 355683	EDT	35.59	28.90	25.77	23.81	23.85	28.03	35.35	35.93	36.65	39.49	40.32	43.34	43.13	46.35	43.49	46.00	47.57	55.11	51.93	45.73	43.07	41.52	38.95	36.61			
		-0.04	-0.26	-0.23	-0.24	-0.29	-0.25	0.25	0.29	0.22	0.32	0.32	0.35	0.35	0.37	0.30	0.18	0.24	0.22	0.26	0.27	0.34	0.41	0.46	0.40			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.78	0.56	1.35	0.91	0.74	0.06	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR 323833	EDT	36.73	31.78	26.94	24.96	25.03	29.27	35.87	36.39	37.12	38.12	39.33	40.61	41.41	45.07	43.76	46.37	48.13	55.99	52.65	46.28	43.54	41.89	39.21	36.93			
		1.11	0.99	0.93	0.91	0.89	0.99	0.77	0.75	0.69	0.60	0.53	0.49	0.57	0.65	0.69	0.78	0.80	1.10	0.98	0.82	0.81	0.78	0.73	0.72			
		0.00	-1.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.43	1.75	4.22	2.85	2.30	0.17	0.34	0.01	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_2_SOLAR 323834	EDT	36.70	31.78	26.94	24.96	25.03	29.27	35.84	36.36	37.12	38.12	39.29	40.61	41.41	45.07	43.76	46.37	48.13	55.99	52.65	46.28	43.50	41.89	39.21	36.89			
		1.07	0.99	0.93	0.91	0.89	0.99	0.74	0.71	0.69	0.60	0.49	0.49	0.57	0.65	0.69	0.78	0.80	1.10	0.98	0.82	0.77	0.78	0.73	0.69			
		0.00	-1.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.43	1.75	4.22	2.85	2.30	0.17	0.34	0.01	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY___1 23571	EDT	36.06	31.85	26.44	24.55	24.62	28.76	35.24	35.86	36.65	37.69	38.90	40.21	41.03	44.53	43.24	45.81	47.56	55.22	51.82	45.50	42.69	41.15	38.48	36.28			
		0.43	0.52	0.44	0.50	0.48	0.48	0.14	0.21	0.22	0.20	0.12	0.13	0.22	0.14	0.17	0.23	0.24	0.33	0.16	0.05	-0.04	0.04	0.00	0.07			
		0.00	-2.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.46	1.77	4.26	2.88	2.33	0.17	0.34	0.01	0.00	0.00	0.00	0.00	0.00	0.00			

ALBANY___2 23572	36.06 0.43 0.00	31.85 0.52 -2.16	26.44 0.44 0.00	24.55 0.50 0.00	24.62 0.48 0.00	28.76 0.48 0.00	35.24 0.14 0.00	35.86 0.21 0.00	36.65 0.22 0.00	37.69 0.20 2.46	38.90 0.12 1.77	40.21 0.13 4.26	41.03 0.22 2.88	44.53 0.14 2.33	43.24 0.17 0.17	45.81 0.23 0.34	47.56 0.24 0.01	55.22 0.33 0.00	51.82 0.16 0.00	45.50 0.05 0.00	42.69 -0.04 0.00	41.15 0.04 0.00	38.48 0.00 0.00	36.28 0.07 0.00
ALBANY___3 23573	36.06 0.43 0.00	31.85 0.52 -2.16	26.44 0.44 0.00	24.55 0.50 0.00	24.62 0.48 0.00	28.76 0.48 0.00	35.24 0.14 0.00	35.86 0.21 0.00	36.65 0.22 0.00	37.69 0.20 2.46	38.90 0.12 1.77	40.21 0.13 4.26	41.03 0.22 2.88	44.53 0.14 2.33	43.24 0.17 0.17	45.81 0.23 0.34	47.56 0.24 0.01	55.22 0.33 0.00	51.82 0.16 0.00	45.50 0.05 0.00	42.69 -0.04 0.00	41.15 0.04 0.00	38.48 0.00 0.00	36.28 0.07 0.00
ALBANY___4 23574	36.06 0.43 0.00	31.85 0.52 -2.16	26.44 0.44 0.00	24.55 0.50 0.00	24.62 0.48 0.00	28.76 0.48 0.00	35.24 0.14 0.00	35.86 0.21 0.00	36.65 0.22 0.00	37.69 0.20 2.46	38.90 0.12 1.77	40.21 0.13 4.26	41.03 0.22 2.88	44.53 0.14 2.33	43.24 0.17 0.17	45.81 0.23 0.34	47.56 0.24 0.01	55.22 0.33 0.00	51.82 0.16 0.00	45.50 0.05 0.00	42.69 -0.04 0.00	41.15 0.04 0.00	38.48 0.00 0.00	36.28 0.07 0.00
ALBANY___LFGE 323615	36.38 0.75 0.00	32.75 0.82 -2.77	26.70 0.70 0.00	24.77 0.72 0.00	24.84 0.70 0.00	29.04 0.76 0.00	35.56 0.46 0.00	36.21 0.57 0.00	36.90 0.47 0.00	37.91 0.44 2.48	39.17 0.41 1.78	40.48 0.40 4.26	41.34 0.53 2.88	44.91 0.51 2.33	43.59 0.52 0.17	46.18 0.60 0.34	48.08 0.76 0.01	55.82 0.93 0.00	52.39 0.72 0.00	46.00 0.55 0.00	43.12 0.38 0.00	41.52 0.41 0.00	38.87 0.38 0.00	36.61 0.40 0.00
ALCOA_PA_115KV_PL-6C 55860	35.66 0.04 0.00	28.96 -0.20 0.00	25.82 -0.18 0.00	23.85 -0.19 0.00	23.87 -0.27 0.00	28.08 -0.20 0.00	35.45 0.35 0.00	36.04 0.39 0.00	36.72 0.29 0.00	39.55 0.40 0.80	40.38 0.41 0.58	43.39 0.44 1.40	43.14 0.39 0.94	46.42 0.47 0.76	43.58 0.39 0.06	46.00 0.18 0.11	47.57 0.24 0.00	55.11 0.22 0.00	51.98 0.31 0.00	45.87 0.41 0.00	43.20 0.47 0.00	41.68 0.58 0.00	39.10 0.62 0.00	36.72 0.51 0.00
ALCOA_RYNLDS___DRP 24188	35.66 0.04 0.00	28.96 -0.20 0.00	25.82 -0.18 0.00	23.85 -0.19 0.00	23.87 -0.27 0.00	28.08 -0.20 0.00	35.45 0.35 0.00	36.04 0.39 0.00	36.72 0.29 0.00	39.55 0.40 0.80	40.38 0.41 0.58	43.39 0.44 1.40	43.14 0.39 0.94	46.42 0.47 0.76	43.58 0.39 0.06	46.00 0.18 0.11	47.57 0.24 0.00	55.11 0.22 0.00	51.98 0.31 0.00	45.87 0.41 0.00	43.20 0.47 0.00	41.68 0.58 0.00	39.10 0.62 0.00	36.72 0.51 0.00
ALCOA___DSASP 323711	35.70 0.07 0.00	28.96 -0.20 0.00	25.82 -0.18 0.00	23.85 -0.19 0.00	23.87 -0.26 0.00	28.08 -0.20 0.00	35.45 0.35 0.00	36.04 0.39 0.00	36.72 0.29 0.00	39.55 0.40 0.80	40.38 0.41 0.58	43.43 0.49 1.40	43.18 0.44 0.94	46.28 0.33 0.76	43.53 0.34 0.06	46.00 0.18 0.11	47.57 0.24 0.00	55.11 0.22 0.00	51.98 0.31 0.00	45.82 0.36 0.00	43.20 0.47 0.00	41.68 0.58 0.00	39.10 0.61 0.00	36.72 0.51 0.00
ALLEGHENY___COGEN 23514	36.38 0.75 0.00	29.89 0.73 0.00	26.89 0.88 0.00	24.48 0.43 0.00	24.71 0.58 0.00	28.93 0.65 0.00	35.38 0.28 0.00	35.61 -0.04 0.00	35.95 -0.47 0.00	36.34 -1.16 2.45	37.45 -1.34 1.76	38.38 -1.68 4.27	39.05 -1.75 2.89	42.42 -1.96 2.34	41.12 -1.95 0.17	43.43 -2.16 0.34	45.63 -1.70 0.01	53.52 -1.37 0.00	51.05 -0.62 0.00	46.05 0.59 0.00	43.89 1.15 0.00	42.14 1.03 0.00	38.79 0.31 0.00	36.32 0.11 0.00
ALTAMONT_115KV_TB 2 55880	36.45 0.82 0.00	31.73 0.85 -1.72	26.73 0.73 0.00	24.79 0.75 0.00	24.88 0.75 0.00	29.07 0.79 0.00	35.66 0.56 0.00	36.25 0.61 0.00	37.08 0.66 0.00	38.18 0.68 2.45	39.40 0.61 1.76	40.76 0.67 4.25	41.56 0.74 2.87	45.19 0.79 2.32	43.85 0.78 0.17	46.46 0.87 0.34	48.18 0.85 0.01	55.93 1.04 0.00	52.55 0.88 0.00	46.14 0.68 0.00	43.33 0.60 0.00	41.68 0.58 0.00	38.98 0.50 0.00	36.72 0.51 0.00
ALTONA_WT_PWR 323606	35.95 0.32 0.00	29.19 0.03 0.00	26.03 0.03 0.00	24.05 0.00 0.00	24.06 -0.07 0.00	28.31 0.03 0.00	35.66 0.56 0.00	36.29 0.64 0.00	37.01 0.58 0.00	39.87 0.68 0.76	40.69 0.69 0.55	43.77 0.75 1.32	43.59 0.79 0.89	46.79 0.79 0.72	43.88 0.69 0.05	46.42 0.60 0.11	48.05 0.71 0.00	55.66 0.77 0.00	52.49 0.82 0.00	46.23 0.77 0.00	43.59 0.85 0.00	41.97 0.86 0.00	39.29 0.81 0.00	36.97 0.76 0.00
AMERICAN_REF_FUEL 24010	33.67 -1.96 0.00	27.73 -1.43 0.00	25.04 -0.96 0.00	22.92 -1.13 0.00	23.12 -1.01 0.00	26.92 -1.36 0.00	32.64 -2.46 0.00	33.01 -2.64 0.00	33.59 -2.84 0.00	33.79 -3.56 2.61	34.95 -3.73 1.88	35.50 -4.30 4.54	36.43 -4.19 3.07	39.61 -4.63 2.48	38.39 -4.67 0.19	40.60 -4.96 0.36	43.02 -4.31 0.01	50.12 -4.78 0.00	47.38 -4.29 0.00	42.50 -2.95 0.00	40.12 -2.61 0.00	38.56 -2.55 0.00	35.56 -2.93 0.00	33.57 -2.64 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	35.27 -0.36 0.00	28.99 -0.17 0.00	26.13 0.13 0.00	23.93 -0.12 0.00	24.16 0.02 0.00	28.17 -0.11 0.00	34.40 -0.70 0.00	34.86 -0.78 0.00	35.59 -0.84 0.00	36.01 -1.36 2.58	37.20 -1.50 1.86	37.98 -1.86 4.50	38.90 -1.75 3.04	42.25 -2.01 2.46	40.81 -2.25 0.18	43.04 -2.53 0.36	45.58 -1.75 0.01	52.97 -1.92 0.00	50.07 -1.60 0.00	44.91 -0.54 0.00	42.35 -0.39 0.00	40.70 -0.41 0.00	37.45 -1.04 0.00	35.16 -1.05 0.00
ARTHUR KILL_GT_1 23520	38.81 3.17 -0.01	32.37 2.83 -0.38	28.35 2.34 -0.01	26.39 2.33 -0.01	26.49 2.34 -0.01	30.68 2.40 0.00	37.49 2.39 0.00	38.46 2.82 0.00	39.41 2.99 0.00	41.26 3.60 2.29	42.23 3.33 1.64	44.05 3.68 3.97	44.18 3.54 3.05	43.99 3.83 6.56	44.49 3.72 2.47	45.67 4.09 4.35	46.92 4.21 4.63	48.26 5.10 11.74	46.81 4.24 9.10	47.55 3.55 1.45	45.95 3.20 -0.01	44.32 3.21 -0.01	41.57 3.08 -0.01	39.22 3.01 -0.01
ARTHUR_KILL_2 23512	38.70 3.06 -0.01	32.25 2.71 -0.38	28.27 2.26 -0.01	26.29 2.24 -0.01	26.39 2.25 -0.01	30.60 2.32 0.00	37.35 2.25 0.00	38.35 2.71 0.00	39.27 2.84 0.00	40.98 3.31 2.29	42.03 3.12 1.64	43.74 3.37 3.97	43.83 3.19 3.05	43.81 3.65 6.56	44.32 3.55 2.47	45.44 3.86 4.35	46.64 3.93 4.63	47.92 4.77 11.74	46.61 4.03 9.10	47.42 3.41 1.45	45.78 3.03 -0.01	44.03 2.92 -0.01	41.46 2.96 -0.01	39.04 2.83 0.00
ARTHUR_KILL_3 23513	38.08 2.46 0.00	31.75 2.22 -0.37	27.85 1.85 0.00	25.95 1.90 0.00	26.04 1.91 0.00	30.25 1.98 0.01	37.02 1.93 0.01	37.95 2.32 0.01	38.94 2.51 0.00	40.61 2.96 2.29	41.82 2.92 1.65	43.51 3.15 3.98	43.82 3.19 3.06	43.75 3.60 6.56	44.18 3.42 2.48	45.25 3.68 4.35	46.49 3.79 4.64	47.75 4.61 11.75	46.49 3.92 9.10	47.09 3.09 1.46	45.47 2.74 0.00	43.62 2.51 0.00	40.95 2.47 0.00	38.56 2.35 0.00

ARTHUR_KILL_COGEN 323718	38.84 3.21 -0.01	32.37 2.83 -0.38	28.35 2.34 -0.01	26.36 2.31 -0.01	26.48 2.34 -0.01	30.68 2.40 0.00	37.49 2.39 0.00	38.46 2.82 0.00	39.42 2.99 0.00	41.10 3.44 2.29	42.19 3.28 1.64	43.92 3.55 3.97	44.01 3.36 3.05	43.99 3.83 6.56	44.49 3.72 2.47	45.62 4.04 4.35	46.83 4.12 4.63	48.20 5.05 11.74	46.86 4.29 9.10	47.65 3.64 1.45	45.95 3.21 -0.01	44.20 3.08 -0.01	41.57 3.08 -0.01	39.19 2.97 -0.01
ASHOKAN____ 23654	38.48 2.85 0.00	31.36 0.96 -1.24	28.06 2.05 0.00	25.97 1.92 0.00	26.12 1.98 0.00	30.46 2.18 0.00	37.35 2.25 0.00	37.89 2.25 0.00	38.72 2.30 0.00	39.90 2.32 2.37	41.08 2.23 1.70	42.23 2.00 4.10	43.15 2.23 2.77	47.04 2.57 2.24	45.54 2.46 0.17	47.89 2.30 0.33	49.55 2.23 0.01	57.80 2.91 0.00	54.25 2.58 0.00	47.82 2.36 0.00	45.21 2.48 0.00	43.33 2.22 0.00	40.79 2.31 0.00	38.38 2.17 0.00
ASTORIA_EAST_ENERGY_CC1 323581	38.45 2.81 -0.01	32.07 2.54 -0.38	28.14 2.13 -0.01	26.22 2.17 -0.01	26.34 2.20 -0.01	30.57 2.29 0.00	37.21 2.11 0.00	38.07 2.43 0.00	39.04 2.62 0.01	40.81 3.16 2.29	42.02 3.12 1.65	43.64 3.28 3.98	44.23 3.23 2.69	48.19 3.65 2.18	46.63 3.55 0.16	49.37 3.77 0.33	51.11 3.79 0.02	59.44 4.55 0.01	55.54 3.88 0.01	48.72 3.27 0.01	45.42 2.69 0.01	43.82 2.71 0.00	41.29 2.81 0.00	38.90 2.68 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	38.45 2.81 -0.01	32.07 2.54 -0.38	28.14 2.13 -0.01	26.22 2.17 -0.01	26.34 2.20 -0.01	30.57 2.29 0.00	37.21 2.11 0.00	38.07 2.43 0.00	39.04 2.62 0.01	40.81 3.16 2.29	42.02 3.12 1.65	43.64 3.28 3.98	44.23 3.23 2.69	48.19 3.65 2.18	46.63 3.55 0.16	49.37 3.77 0.33	51.11 3.79 0.02	59.44 4.55 0.01	55.54 3.88 0.01	48.72 3.27 0.01	45.42 2.69 0.01	43.82 2.71 0.00	41.29 2.81 0.00	38.90 2.68 -0.01
ASTORIA_GT2_1 24094	38.45 2.81 -0.01	32.10 2.57 -0.38	28.14 2.13 -0.01	26.24 2.19 -0.01	26.36 2.22 -0.01	30.60 2.32 0.00	37.24 2.14 0.00	38.07 2.42 0.00	39.09 2.66 0.00	40.90 3.24 2.29	42.07 3.16 1.64	43.78 3.41 3.97	44.46 3.45 2.68	48.19 3.64 2.17	46.63 3.55 0.16	49.37 3.77 0.32	51.16 3.83 0.01	59.60 4.72 0.01	55.59 3.93 0.01	48.64 3.18 0.00	45.47 2.73 0.00	43.94 2.84 0.00	41.29 2.81 0.00	38.97 2.75 -0.01
ASTORIA_GT2_2 24095	38.45 2.81 -0.01	32.10 2.57 -0.38	28.14 2.13 -0.01	26.24 2.19 -0.01	26.36 2.22 -0.01	30.60 2.32 0.00	37.24 2.14 0.00	38.07 2.42 0.00	39.09 2.66 0.00	40.90 3.24 2.29	42.07 3.16 1.64	43.78 3.41 3.97	44.46 3.45 2.68	48.19 3.64 2.17	46.63 3.55 0.16	49.37 3.77 0.32	51.16 3.83 0.01	59.60 4.72 0.01	55.59 3.93 0.01	48.64 3.18 0.00	45.47 2.73 0.00	43.94 2.84 0.00	41.29 2.81 0.00	38.97 2.75 -0.01
ASTORIA_GT2_3 24096	38.45 2.81 -0.01	32.10 2.57 -0.38	28.14 2.13 -0.01	26.24 2.19 -0.01	26.36 2.22 -0.01	30.60 2.32 0.00	37.24 2.14 0.00	38.07 2.42 0.00	39.09 2.66 0.00	40.90 3.24 2.29	42.07 3.16 1.64	43.78 3.41 3.97	44.46 3.45 2.68	48.19 3.64 2.17	46.63 3.55 0.16	49.37 3.77 0.32	51.16 3.83 0.01	59.60 4.72 0.01	55.59 3.93 0.01	48.64 3.18 0.00	45.47 2.73 0.00	43.94 2.84 0.00	41.29 2.81 0.00	38.97 2.75 -0.01
ASTORIA_GT2_4 24097	38.45 2.81 -0.01	32.10 2.57 -0.38	28.14 2.13 -0.01	26.24 2.19 -0.01	26.36 2.22 -0.01	30.60 2.32 0.00	37.24 2.14 0.00	38.07 2.42 0.00	39.09 2.66 0.00	40.90 3.24 2.29	42.07 3.16 1.64	43.78 3.41 3.97	44.46 3.45 2.68	48.19 3.64 2.17	46.63 3.55 0.16	49.37 3.77 0.32	51.16 3.83 0.01	59.60 4.72 0.01	55.59 3.93 0.01	48.64 3.18 0.00	45.47 2.73 0.00	43.94 2.84 0.00	41.29 2.81 0.00	38.97 2.75 -0.01
ASTORIA_GT3_1 24098	38.45 2.81 -0.01	32.10 2.57 -0.38	28.14 2.13 -0.01	26.24 2.19 -0.01	26.36 2.22 -0.01	30.60 2.32 0.00	37.24 2.14 0.00	38.07 2.42 0.00	39.09 2.66 0.00	40.90 3.24 2.29	42.07 3.16 1.64	43.78 3.41 3.97	44.46 3.45 2.68	48.19 3.64 2.17	46.63 3.55 0.16	49.37 3.77 0.32	51.16 3.83 0.01	59.60 4.72 0.01	55.59 3.93 0.01	48.64 3.18 0.00	45.47 2.73 0.00	43.94 2.84 0.00	41.29 2.81 0.00	38.97 2.75 -0.01
ASTORIA_GT3_2 24099	38.45 2.81 -0.01	32.10 2.57 -0.38	28.14 2.13 -0.01	26.24 2.19 -0.01	26.36 2.22 -0.01	30.60 2.32 0.00	37.24 2.14 0.00	38.07 2.42 0.00	39.09 2.66 0.00	40.90 3.24 2.29	42.07 3.16 1.64	43.78 3.41 3.97	44.46 3.45 2.68	48.19 3.64 2.17	46.63 3.55 0.16	49.37 3.77 0.32	51.16 3.83 0.01	59.60 4.72 0.01	55.59 3.93 0.01	48.64 3.18 0.00	45.47 2.73 0.00	43.94 2.84 0.00	41.29 2.81 0.00	38.97 2.75 -0.01
ASTORIA_GT3_3 24100	38.45 2.81 -0.01	32.10 2.57 -0.38	28.14 2.13 -0.01	26.24 2.19 -0.01	26.36 2.22 -0.01	30.60 2.32 0.00	37.24 2.14 0.00	38.07 2.42 0.00	39.09 2.66 0.00	40.90 3.24 2.29	42.07 3.16 1.64	43.78 3.41 3.97	44.46 3.45 2.68	48.19 3.64 2.17	46.63 3.55 0.16	49.37 3.77 0.32	51.16 3.83 0.01	59.60 4.72 0.01	55.59 3.93 0.01	48.64 3.18 0.00	45.47 2.73 0.00	43.94 2.84 0.00	41.29 2.81 0.00	38.97 2.75 -0.01
ASTORIA_GT3_4 24101	38.45 2.81 -0.01	32.10 2.57 -0.38	28.14 2.13 -0.01	26.24 2.19 -0.01	26.36 2.22 -0.01	30.60 2.32 0.00	37.24 2.14 0.00	38.07 2.42 0.00	39.09 2.66 0.00	40.90 3.24 2.29	42.07 3.16 1.64	43.78 3.41 3.97	44.46 3.45 2.68	48.19 3.64 2.17	46.63 3.55 0.16	49.37 3.77 0.32	51.16 3.83 0.01	59.60 4.72 0.01	55.59 3.93 0.01	48.64 3.18 0.00	45.47 2.73 0.00	43.94 2.84 0.00	41.29 2.81 0.00	38.97 2.75 -0.01
ASTORIA_GT4_1 24102	38.45 2.81 -0.01	32.10 2.57 -0.38	28.14 2.13 -0.01	26.24 2.19 -0.01	26.36 2.22 -0.01	30.60 2.32 0.00	37.24 2.14 0.00	38.07 2.42 0.00	39.09 2.66 0.00	40.90 3.24 2.29	42.07 3.16 1.64	43.78 3.41 3.97	44.46 3.45 2.68	48.19 3.64 2.17	46.63 3.55 0.16	49.37 3.77 0.32	51.16 3.83 0.01	59.60 4.72 0.01	55.59 3.93 0.01	48.64 3.18 0.00	45.47 2.73 0.00	43.94 2.84 0.00	41.29 2.81 0.00	38.97 2.75 -0.01
ASTORIA_GT4_2 24103	38.45 2.81 -0.01	32.10 2.57 -0.38	28.14 2.13 -0.01	26.24 2.19 -0.01	26.36 2.22 -0.01	30.60 2.32 0.00	37.24 2.14 0.00	38.07 2.42 0.00	39.09 2.66 0.00	40.90 3.24 2.29	42.07 3.16 1.64	43.78 3.41 3.97	44.46 3.45 2.68	48.19 3.64 2.17	46.63 3.55 0.16	49.37 3.77 0.32	51.16 3.83 0.01	59.60 4.72 0.01	55.59 3.93 0.01	48.64 3.18 0.00	45.47 2.73 0.00	43.94 2.84 0.00	41.29 2.81 0.00	38.97 2.75 -0.01
ASTORIA_GT4_3 24104	38.45 2.81 -0.01	32.10 2.57 -0.38	28.14 2.13 -0.01	26.24 2.19 -0.01	26.36 2.22 -0.01	30.60 2.32 0.00	37.24 2.14 0.00	38.07 2.42 0.00	39.09 2.66 0.00	40.90 3.24 2.29	42.07 3.16 1.64	43.78 3.41 3.97	44.46 3.45 2.68	48.19 3.64 2.17	46.63 3.55 0.16	49.37 3.77 0.32	51.16 3.83 0.01	59.60 4.72 0.01	55.59 3.93 0.01	48.64 3.18 0.00	45.47 2.73 0.00	43.94 2.84 0.00	41.29 2.81 0.00	38.97 2.75 -0.01

ASTORIA_GT4_4 24105	38.45 2.81 -0.01	32.10 2.57 -0.38	28.14 2.13 -0.01	26.24 2.19 -0.01	26.36 2.22 -0.01	30.60 2.32 0.00	37.24 2.14 0.00	38.07 2.42 0.00	39.09 2.66 0.00	40.90 3.24 2.29	42.07 3.16 1.64	43.78 3.41 3.97	44.46 3.45 2.68	48.19 3.64 2.17	46.63 3.55 0.16	49.37 3.77 0.32	51.16 3.83 0.01	59.60 4.72 0.01	55.59 3.93 0.01	48.64 3.18 0.00	45.47 2.73 0.00	43.94 2.84 0.00	41.29 2.81 0.00	38.97 2.75 -0.01
ASTORIA_GT_1 23523	38.52 2.89 -0.01	32.13 2.60 -0.38	28.19 2.18 -0.01	26.29 2.24 -0.01	26.41 2.27 -0.01	30.66 2.38 0.00	37.31 2.21 0.00	38.18 2.53 0.00	39.16 2.73 0.00	40.98 3.32 2.29	42.19 3.28 1.64	43.92 3.55 3.97	44.59 3.58 2.68	48.33 3.78 2.17	46.76 3.68 0.16	49.51 3.90 0.32	51.30 3.98 0.01	59.77 4.89 0.01	55.74 4.08 0.01	48.77 3.32 0.00	45.55 2.82 0.00	44.03 2.92 0.00	41.41 2.92 0.00	39.04 2.82 -0.01
ASTORIA_GT_10 24110	38.41 2.78 -0.01	32.08 2.54 -0.38	28.12 2.11 -0.01	26.19 2.14 -0.01	26.32 2.17 -0.01	30.51 2.23 0.00	37.24 2.14 0.00	38.18 2.53 0.00	39.16 2.73 0.00	40.98 3.32 2.29	42.15 3.24 1.64	43.92 3.55 3.97	44.55 3.54 2.68	48.29 3.74 2.17	46.67 3.59 0.16	49.47 3.86 0.32	51.30 3.98 0.01	59.66 4.78 0.01	55.64 3.98 0.01	48.68 3.23 0.00	45.51 2.78 0.00	43.82 2.71 0.00	41.14 2.66 0.00	38.85 2.64 0.00
ASTORIA_GT_11 24225	38.41 2.78 -0.01	32.08 2.54 -0.38	28.12 2.11 -0.01	26.19 2.14 -0.01	26.32 2.17 -0.01	30.51 2.23 0.00	37.24 2.14 0.00	38.18 2.53 0.00	39.16 2.73 0.00	40.98 3.32 2.29	42.15 3.24 1.64	43.92 3.55 3.97	44.55 3.54 2.68	48.29 3.74 2.17	46.67 3.59 0.16	49.47 3.86 0.32	51.30 3.98 0.01	59.66 4.78 0.01	55.64 3.98 0.01	48.68 3.23 0.00	45.51 2.78 0.00	43.82 2.71 0.00	41.14 2.66 0.00	38.85 2.64 0.00
ASTORIA_GT_12 24226	38.41 2.78 -0.01	32.08 2.54 -0.38	28.12 2.11 -0.01	26.19 2.14 -0.01	26.32 2.17 -0.01	30.51 2.23 0.00	37.24 2.14 0.00	38.18 2.53 0.00	39.16 2.73 0.00	40.98 3.32 2.29	42.15 3.24 1.64	43.92 3.55 3.97	44.55 3.54 2.68	48.29 3.74 2.17	46.67 3.59 0.16	49.47 3.86 0.32	51.30 3.98 0.01	59.66 4.78 0.01	55.64 3.98 0.01	48.68 3.23 0.00	45.51 2.78 0.00	43.82 2.71 0.00	41.14 2.66 0.00	38.85 2.64 0.00
ASTORIA_GT_13 24227	38.41 2.78 -0.01	32.08 2.54 -0.38	28.12 2.11 -0.01	26.19 2.14 -0.01	26.32 2.17 -0.01	30.51 2.23 0.00	37.24 2.14 0.00	38.18 2.53 0.00	39.16 2.73 0.00	40.98 3.32 2.29	42.15 3.24 1.64	43.92 3.55 3.97	44.55 3.54 2.68	48.29 3.74 2.17	46.67 3.59 0.16	49.47 3.86 0.32	51.30 3.98 0.01	59.66 4.78 0.01	55.64 3.98 0.01	48.68 3.23 0.00	45.51 2.78 0.00	43.82 2.71 0.00	41.14 2.66 0.00	38.85 2.64 0.00
ASTORIA_GT_5 24106	38.52 2.89 -0.01	32.13 2.60 -0.38	28.19 2.18 -0.01	26.29 2.24 -0.01	26.41 2.27 -0.01	30.66 2.38 0.00	37.31 2.21 0.00	38.18 2.53 0.00	39.16 2.73 0.00	40.98 3.32 2.29	42.19 3.28 1.64	43.92 3.55 3.97	44.59 3.58 2.68	48.33 3.78 2.17	46.76 3.68 0.16	49.51 3.90 0.32	51.30 3.98 0.01	59.77 4.89 0.01	55.74 4.08 0.01	48.77 3.32 0.00	45.55 2.82 0.00	44.03 2.92 0.00	41.41 2.92 0.00	39.04 2.82 -0.01
ASTORIA_GT_7 24107	38.52 2.89 -0.01	32.13 2.60 -0.38	28.19 2.18 -0.01	26.29 2.24 -0.01	26.41 2.27 -0.01	30.66 2.38 0.00	37.31 2.21 0.00	38.18 2.53 0.00	39.16 2.73 0.00	40.98 3.32 2.29	42.19 3.28 1.64	43.92 3.55 3.97	44.59 3.58 2.68	48.33 3.78 2.17	46.76 3.68 0.16	49.51 3.90 0.32	51.30 3.98 0.01	59.77 4.89 0.01	55.74 4.08 0.01	48.77 3.32 0.00	45.55 2.82 0.00	44.03 2.92 0.00	41.41 2.92 0.00	39.04 2.82 -0.01
ASTORIA_GT_8 24108	38.52 2.89 -0.01	32.13 2.60 -0.38	28.19 2.18 -0.01	26.29 2.24 -0.01	26.41 2.27 -0.01	30.66 2.38 0.00	37.31 2.21 0.00	38.18 2.53 0.00	39.16 2.73 0.00	40.98 3.32 2.29	42.19 3.28 1.64	43.92 3.55 3.97	44.59 3.58 2.68	48.33 3.78 2.17	46.76 3.68 0.16	49.51 3.90 0.32	51.30 3.98 0.01	59.77 4.89 0.01	55.74 4.08 0.01	48.77 3.32 0.00	45.55 2.82 0.00	44.03 2.92 0.00	41.41 2.92 0.00	39.04 2.82 -0.01
ASTORIA___2 24149	38.49 2.85 -0.01	32.11 2.57 -0.38	28.14 2.13 -0.01	26.22 2.17 -0.01	26.36 2.22 -0.01	30.60 2.32 0.00	37.24 2.14 0.00	38.10 2.46 0.00	39.08 2.66 0.01	40.81 3.16 2.29	42.02 3.12 1.65	43.64 3.28 3.98	44.28 3.28 2.69	48.23 3.69 2.18	46.63 3.55 0.16	49.37 3.77 0.33	51.11 3.79 0.02	59.49 4.61 0.01	55.59 3.92 0.01	48.72 3.27 0.01	45.46 2.74 0.01	43.82 2.71 0.00	41.29 2.81 0.00	38.93 2.72 -0.01
ASTORIA___3 23516	38.45 2.81 -0.01	32.07 2.54 -0.38	28.11 2.11 -0.01	26.19 2.14 -0.01	26.32 2.17 -0.01	30.51 2.23 0.00	37.24 2.14 0.00	38.18 2.53 0.00	39.16 2.73 0.00	40.90 3.23 2.29	42.11 3.20 1.64	43.74 3.37 3.97	44.37 3.36 2.68	48.29 3.74 2.17	46.67 3.59 0.16	49.47 3.86 0.32	51.21 3.88 0.01	59.60 4.72 0.01	55.64 3.98 0.01	48.73 3.27 0.00	45.51 2.78 0.00	43.74 2.63 0.00	41.14 2.65 0.00	38.82 2.61 0.00
ASTORIA___4 23517	38.41 2.78 -0.01	32.08 2.54 -0.38	28.12 2.11 -0.01	26.19 2.14 -0.01	26.32 2.17 -0.01	30.51 2.23 0.00	37.24 2.14 0.00	38.18 2.53 0.00	39.16 2.73 0.00	40.98 3.32 2.29	42.15 3.24 1.64	43.92 3.55 3.97	44.55 3.54 2.68	48.29 3.74 2.17	46.67 3.59 0.16	49.47 3.86 0.32	51.30 3.98 0.01	59.66 4.78 0.01	55.64 3.98 0.01	48.68 3.23 0.00	45.51 2.78 0.00	43.82 2.71 0.00	41.14 2.66 0.00	38.85 2.64 0.00
ASTORIA___5 23518	38.45 2.81 -0.01	32.07 2.54 -0.38	28.11 2.11 -0.01	26.19 2.14 -0.01	26.32 2.17 -0.01	30.51 2.23 0.00	37.24 2.14 0.00	38.18 2.53 0.00	39.16 2.73 0.00	40.90 3.23 2.29	42.11 3.20 1.64	43.74 3.37 3.97	44.37 3.36 2.68	48.29 3.74 2.17	46.67 3.59 0.16	49.47 3.86 0.32	51.21 3.88 0.01	59.60 4.72 0.01	55.64 3.98 0.01	48.73 3.27 0.00	45.51 2.78 0.00	43.74 2.63 0.00	41.14 2.65 0.00	38.82 2.61 0.00
AST_ENERGY_2_CC3 323677	31.13 2.60 7.10	31.13 2.36 0.39	27.98 1.98 0.00	26.07 2.02 0.00	26.19 2.05 0.00	30.37 2.09 0.00	31.13 2.04 6.01	31.13 2.43 6.94	31.13 2.62 7.92	31.13 3.08 11.90	32.45 3.08 11.18	32.45 3.28 15.17	32.45 3.32 14.56	32.45 3.74 18.01	33.53 3.59 13.31	34.69 3.86 15.10	35.02 3.98 16.30	38.25 4.88 21.52	36.69 4.14 19.11	35.28 3.27 13.45	32.45 2.82 13.10	33.26 2.55 10.40	32.45 2.50 8.53	32.45 2.43 6.18
AST_ENERGY_2_CC4 323678	31.13 2.60 7.10	31.13 2.36 0.39	27.98 1.98 0.00	26.07 2.02 0.00	26.19 2.05 0.00	30.37 2.09 0.00	31.13 2.04 6.01	31.13 2.43 6.94	31.13 2.62 7.92	31.13 3.08 11.90	32.45 3.08 11.18	32.45 3.28 15.17	32.45 3.32 14.56	32.45 3.74 18.01	33.53 3.59 13.31	34.69 3.86 15.10	35.02 3.98 16.30	38.25 4.88 21.52	36.69 4.14 19.11	35.28 3.27 13.45	32.45 2.82 13.10	33.26 2.55 10.40	32.45 2.50 8.53	32.45 2.43 6.18

ATHENS_STG_1 23668	36.73 1.11 0.00	30.53 1.17 -0.20	26.99 0.99 0.00	25.03 0.99 0.00	25.15 1.01 0.00	29.33 1.05 0.00	35.91 0.81 0.00	36.54 0.89 0.00	37.41 0.98 0.00	38.65 1.08 2.38	39.89 1.05 1.71	41.32 1.11 4.13	42.08 1.18 2.79	45.82 1.36 2.26	44.37 1.30 0.17	47.02 1.43 0.33	48.75 1.42 0.01	56.59 1.70 0.00	53.17 1.50 0.00	46.59 1.14 0.00	43.67 0.94 0.00	41.97 0.86 0.00	39.29 0.81 0.00	37.04 0.83 0.00
ATHENS_STG_2 23670	36.73 1.11 0.00	30.53 1.17 -0.20	26.99 0.99 0.00	25.03 0.99 0.00	25.15 1.01 0.00	29.33 1.05 0.00	35.91 0.81 0.00	36.54 0.89 0.00	37.41 0.98 0.00	38.65 1.08 2.38	39.89 1.05 1.71	41.32 1.11 4.13	42.08 1.18 2.79	45.82 1.36 2.26	44.37 1.30 0.17	47.02 1.43 0.33	48.75 1.42 0.01	56.59 1.70 0.00	53.17 1.50 0.00	46.59 1.14 0.00	43.67 0.94 0.00	41.97 0.86 0.00	39.29 0.81 0.00	37.04 0.83 0.00
ATHENS_STG_3 23677	36.73 1.11 0.00	30.53 1.17 -0.20	26.99 0.99 0.00	25.03 0.99 0.00	25.15 1.01 0.00	29.33 1.05 0.00	35.91 0.81 0.00	36.54 0.89 0.00	37.41 0.98 0.00	38.65 1.08 2.38	39.89 1.05 1.71	41.32 1.11 4.13	42.08 1.18 2.79	45.82 1.36 2.26	44.37 1.30 0.17	47.02 1.43 0.33	48.75 1.42 0.01	56.59 1.70 0.00	53.17 1.50 0.00	46.59 1.14 0.00	43.67 0.94 0.00	41.97 0.86 0.00	39.29 0.81 0.00	37.04 0.83 0.00
AUBURN___LFGE 323710	35.73 0.11 0.00	29.42 0.26 0.00	26.34 0.34 0.00	24.21 0.17 0.00	24.35 0.22 0.00	28.56 0.28 0.00	35.10 0.00 0.00	35.54 -0.11 0.00	36.35 -0.07 0.00	38.85 -0.32 0.78	39.75 -0.24 0.56	42.72 -0.27 1.35	42.43 -0.35 0.91	45.56 -0.42 0.74	42.71 -0.48 0.06	45.31 -0.51 0.11	46.81 -0.52 0.00	54.45 -0.44 0.00	51.41 -0.26 0.00	45.32 -0.14 0.00	42.69 -0.04 0.00	40.98 -0.12 0.00	38.21 -0.27 0.00	35.74 -0.47 0.00
BABYLON_RES_REC 323704	38.85 3.21 -0.02	32.40 2.86 -0.38	28.44 2.44 0.00	26.51 2.45 -0.01	26.60 2.46 0.00	30.95 2.66 -0.01	37.81 2.70 -0.01	38.72 3.07 -0.01	39.58 3.13 -0.01	41.18 3.47 2.25	44.48 3.41 -0.52	46.58 3.02 0.78	47.94 2.97 -1.28	50.18 3.37 -0.10	49.82 3.20 -3.38	52.49 3.45 -3.11	56.62 3.31 -5.96	63.42 4.06 -4.46	60.08 3.62 -4.80	53.47 3.09 -4.92	48.92 2.65 -3.54	47.19 2.55 -3.54	43.09 3.12 -1.49	39.16 2.93 -0.02
BALL_HILL_WT_PWR 323825	34.81 -0.82 0.00	28.61 -0.55 0.00	25.79 -0.21 0.00	23.61 -0.43 0.00	23.85 -0.29 0.00	27.80 -0.48 0.00	33.87 -1.23 0.00	34.33 -1.32 0.00	35.01 -1.42 0.00	35.36 -2.00 2.59	36.54 -2.15 1.87	37.29 -2.53 4.52	38.19 -2.45 3.05	41.54 -2.71 2.47	40.16 -2.90 0.18	42.44 -3.12 0.36	44.91 -2.41 0.01	52.20 -2.69 0.00	49.34 -2.32 0.00	44.23 -1.23 0.00	41.71 -1.03 0.00	40.08 -1.03 0.00	36.94 -1.54 0.00	34.72 -1.49 0.00
BARON_WINDS___WT_PWR 323822	35.45 -0.18 0.00	29.16 0.00 0.00	26.21 0.21 0.00	24.07 0.02 0.00	24.23 0.10 0.00	28.37 0.09 0.00	34.61 -0.49 0.00	35.11 -0.53 0.00	35.81 -0.62 0.00	36.43 -1.08 2.44	37.62 -1.18 1.76	38.56 -1.51 4.27	39.23 -1.57 2.89	42.66 -1.73 2.33	41.26 -1.81 0.17	43.66 -1.93 0.34	45.72 -1.61 0.01	53.30 -1.59 0.00	50.43 -1.24 0.00	44.96 -0.50 0.00	42.52 -0.21 0.00	40.82 -0.29 0.00	37.79 -0.69 0.00	35.41 -0.80 0.00
BARRETT_IC_1 23704	38.53 2.88 -0.02	32.25 2.71 -0.38	28.31 2.31 0.00	26.39 2.33 -0.01	26.48 2.34 0.00	30.81 2.52 -0.01	37.61 2.49 -0.02	38.41 2.74 -0.02	39.39 2.95 -0.01	40.99 3.31 2.27	63.53 3.36 -19.62	75.10 3.41 -27.34	83.19 3.32 -36.18	70.03 3.74 -19.57	71.74 3.42 -25.08	70.03 3.68 -20.43	91.27 3.74 -40.19	70.03 4.61 -10.53	70.03 4.14 -14.23	87.55 3.36 -38.73	70.03 2.95 -24.35	74.86 3.00 -30.75	56.00 2.85 -14.67	38.94 2.64 -0.09
BARRETT_IC_10 23701	38.53 2.88 -0.02	32.25 2.71 -0.38	28.31 2.31 0.00	26.39 2.33 -0.01	26.48 2.34 0.00	30.81 2.52 -0.01	37.61 2.49 -0.02	38.41 2.74 -0.02	39.39 2.95 -0.01	40.99 3.31 2.27	63.53 3.36 -19.62	75.10 3.41 -27.34	83.19 3.32 -36.18	70.03 3.74 -19.57	71.74 3.42 -25.08	70.03 3.68 -20.43	91.27 3.74 -40.19	70.03 4.61 -10.53	70.03 4.14 -14.23	87.55 3.36 -38.73	70.03 2.95 -24.35	74.86 3.00 -30.75	56.00 2.85 -14.67	38.94 2.64 -0.09
BARRETT_IC_11 23702	38.53 2.88 -0.02	32.25 2.71 -0.38	28.31 2.31 0.00	26.39 2.33 -0.01	26.48 2.34 0.00	30.81 2.52 -0.01	37.61 2.49 -0.02	38.41 2.74 -0.02	39.39 2.95 -0.01	40.99 3.31 2.27	63.53 3.36 -19.62	75.10 3.41 -27.34	83.19 3.32 -36.18	70.03 3.74 -19.57	71.74 3.42 -25.08	70.03 3.68 -20.43	91.27 3.74 -40.19	70.03 4.61 -10.53	70.03 4.14 -14.23	87.55 3.36 -38.73	70.03 2.95 -24.35	74.86 3.00 -30.75	56.00 2.85 -14.67	38.94 2.64 -0.09
BARRETT_IC_12 23703	38.53 2.88 -0.02	32.25 2.71 -0.38	28.31 2.31 0.00	26.39 2.33 -0.01	26.48 2.34 0.00	30.81 2.52 -0.01	37.61 2.49 -0.02	38.41 2.74 -0.02	39.39 2.95 -0.01	40.99 3.31 2.27	63.53 3.36 -19.62	75.10 3.41 -27.34	83.19 3.32 -36.18	70.03 3.74 -19.57	71.74 3.42 -25.08	70.03 3.68 -20.43	91.27 3.74 -40.19	70.03 4.61 -10.53	70.03 4.14 -14.23	87.55 3.36 -38.73	70.03 2.95 -24.35	74.86 3.00 -30.75	56.00 2.85 -14.67	38.94 2.64 -0.09
BARRETT_IC_2 23705	38.53 2.88 -0.02	32.25 2.71 -0.38	28.31 2.31 0.00	26.39 2.33 -0.01	26.48 2.34 0.00	30.81 2.52 -0.01	37.61 2.49 -0.02	38.41 2.74 -0.02	39.39 2.95 -0.01	40.99 3.31 2.27	63.53 3.36 -19.62	75.10 3.41 -27.34	83.19 3.32 -36.18	70.03 3.74 -19.57	71.74 3.42 -25.08	70.03 3.68 -20.43	91.27 3.74 -40.19	70.03 4.61 -10.53	70.03 4.14 -14.23	87.55 3.36 -38.73	70.03 2.95 -24.35	74.86 3.00 -30.75	56.00 2.85 -14.67	38.94 2.64 -0.09
BARRETT_IC_3 23706	38.53 2.88 -0.02	32.25 2.71 -0.38	28.31 2.31 0.00	26.39 2.33 -0.01	26.48 2.34 0.00	30.81 2.52 -0.01	37.61 2.49 -0.02	38.41 2.74 -0.02	39.39 2.95 -0.01	40.99 3.31 2.27	63.53 3.36 -19.62	75.10 3.41 -27.34	83.19 3.32 -36.18	70.03 3.74 -19.57	71.74 3.42 -25.08	70.03 3.68 -20.43	91.27 3.74 -40.19	70.03 4.61 -10.53	70.03 4.14 -14.23	87.55 3.36 -38.73	70.03 2.95 -24.35	74.86 3.00 -30.75	56.00 2.85 -14.67	38.94 2.64 -0.09
BARRETT_IC_4 23707	38.53 2.88 -0.02	32.25 2.71 -0.38	28.31 2.31 0.00	26.39 2.33 -0.01	26.48 2.34 0.00	30.81 2.52 -0.01	37.61 2.49 -0.02	38.41 2.74 -0.02	39.39 2.95 -0.01	40.99 3.31 2.27	63.53 3.36 -19.62	75.10 3.41 -27.34	83.19 3.32 -36.18	70.03 3.74 -19.57	71.74 3.42 -25.08	70.03 3.68 -20.43	91.27 3.74 -40.19	70.03 4.61 -10.53	70.03 4.14 -14.23	87.55 3.36 -38.73	70.03 2.95 -24.35	74.86 3.00 -30.75	56.00 2.85 -14.67	38.94 2.64 -0.09
BARRETT_IC_5 23708	38.53 2.88 -0.02	32.25 2.71 -0.38	28.31 2.31 0.00	26.39 2.33 -0.01	26.48 2.34 0.00	30.81 2.52 -0.01	37.61 2.49 -0.02	38.41 2.74 -0.02	39.39 2.95 -0.01	40.99 3.31 2.27	63.53 3.36 -19.62	75.10 3.41 -27.34	83.19 3.32 -36.18	70.03 3.74 -19.57	71.74 3.42 -25.08	70.03 3.68 -20.43	91.27 3.74 -40.19	70.03 4.61 -10.53	70.03 4.14 -14.23	87.55 3.36 -38.73	70.03 2.95 -24.35	74.86 3.00 -30.75	56.00 2.85 -14.67	38.94 2.64 -0.09

BARRETT_IC_6 23709	38.53 2.88 -0.02	32.25 2.71 -0.38	28.31 2.31 0.00	26.39 2.33 -0.01	26.48 2.34 0.00	30.81 2.52 -0.01	37.61 2.49 -0.02	38.41 2.74 -0.02	39.39 2.95 -0.01	40.99 3.31 2.27	63.53 3.36 -19.62	75.10 3.41 -27.34	83.19 3.32 -36.18	70.03 3.74 -19.57	71.74 3.42 -25.08	70.03 3.68 -20.43	91.27 3.74 -40.19	70.03 4.61 -10.53	70.03 4.14 -14.23	87.55 3.36 -38.73	70.03 2.95 -24.35	74.86 3.00 -30.75	56.00 2.85 -14.67	38.94 2.64 -0.09
BARRETT_IC_7 23710	38.52 2.89 -0.01	32.25 2.71 -0.38	28.32 2.31 0.00	26.39 2.33 -0.01	26.48 2.34 0.00	30.81 2.52 -0.01	37.60 2.49 -0.01	38.40 2.74 -0.01	39.39 2.95 -0.01	40.99 3.32 2.28	63.53 3.37 -19.62	75.18 3.50 -27.34	83.32 3.45 -36.18	70.03 3.74 -19.57	71.74 3.42 -25.08	70.03 3.67 -20.43	91.32 3.79 -40.19	70.08 4.67 -10.53	70.03 4.13 -14.23	87.55 3.36 -38.73	70.07 2.99 -24.35	74.86 3.00 -30.75	56.00 2.85 -14.67	39.01 2.72 -0.09
BARRETT_IC_8 23711	38.53 2.88 -0.02	32.25 2.71 -0.38	28.31 2.31 0.00	26.39 2.33 -0.01	26.48 2.34 0.00	30.81 2.52 -0.01	37.61 2.49 -0.02	38.41 2.74 -0.02	39.39 2.95 -0.01	40.99 3.31 2.27	63.53 3.36 -19.62	75.10 3.41 -27.34	83.19 3.32 -36.18	70.03 3.74 -19.57	71.74 3.42 -25.08	70.03 3.68 -20.43	91.27 3.74 -40.19	70.03 4.61 -10.53	70.03 4.14 -14.23	87.55 3.36 -38.73	70.03 2.95 -24.35	74.86 3.00 -30.75	56.00 2.85 -14.67	38.94 2.64 -0.09
BARRETT_IC_9 23700	38.53 2.88 -0.02	32.25 2.71 -0.38	28.31 2.31 0.00	26.39 2.33 -0.01	26.48 2.34 0.00	30.81 2.52 -0.01	37.61 2.49 -0.02	38.41 2.74 -0.02	39.39 2.95 -0.01	40.99 3.31 2.27	63.53 3.36 -19.62	75.10 3.41 -27.34	83.19 3.32 -36.18	70.03 3.74 -19.57	71.74 3.42 -25.08	70.03 3.68 -20.43	91.27 3.74 -40.19	70.03 4.61 -10.53	70.03 4.14 -14.23	87.55 3.36 -38.73	70.03 2.95 -24.35	74.86 3.00 -30.75	56.00 2.85 -14.67	38.94 2.64 -0.09
BARRETT___1 23545	38.53 2.88 -0.02	32.25 2.71 -0.38	28.31 2.31 0.00	26.39 2.33 -0.01	26.48 2.34 0.00	30.81 2.52 -0.01	37.61 2.49 -0.02	38.41 2.74 -0.02	39.39 2.95 -0.01	40.99 3.31 2.27	63.53 3.36 -19.62	75.10 3.41 -27.34	83.19 3.32 -36.18	70.03 3.74 -19.57	71.74 3.42 -25.08	70.03 3.68 -20.43	91.27 3.74 -40.19	70.03 4.61 -10.53	70.03 4.14 -14.23	87.55 3.36 -38.73	70.03 2.95 -24.35	74.86 3.00 -30.75	56.00 2.85 -14.67	38.94 2.64 -0.09
BARRETT___2 23546	38.53 2.88 -0.02	32.25 2.71 -0.38	28.31 2.31 0.00	26.39 2.33 -0.01	26.48 2.34 0.00	30.81 2.52 -0.01	37.61 2.49 -0.02	38.41 2.74 -0.02	39.39 2.95 -0.01	40.99 3.31 2.27	63.53 3.36 -19.62	75.10 3.41 -27.34	83.19 3.32 -36.18	70.03 3.74 -19.57	71.74 3.42 -25.08	70.03 3.68 -20.43	91.27 3.74 -40.19	70.03 4.61 -10.53	70.03 4.14 -14.23	87.55 3.36 -38.73	70.03 2.95 -24.35	74.86 3.00 -30.75	56.00 2.85 -14.67	38.94 2.64 -0.09
BATAVIA___115KV_TB1 55881	35.27 -0.36 0.00	29.02 -0.15 0.00	26.13 0.13 0.00	23.78 -0.26 0.00	24.04 -0.10 0.00	28.05 -0.23 0.00	34.26 -0.84 0.00	34.58 -1.07 0.00	35.44 -0.98 0.00	35.49 -1.88 2.58	36.83 -1.87 1.86	37.67 -2.17 4.49	38.21 -2.45 3.04	41.74 -2.52 2.45	40.47 -2.59 0.18	42.58 -2.99 0.36	44.87 -2.46 0.01	52.31 -2.58 0.00	49.60 -2.07 0.00	44.64 -0.82 0.00	42.31 -0.43 0.00	40.29 -0.82 0.00	37.37 -1.12 0.00	34.94 -1.27 0.00
BAYONEEC___CTG1 323682	38.26 2.64 0.00	31.92 2.39 -0.37	27.98 1.98 0.00	26.07 2.02 0.00	26.16 2.03 0.00	30.40 2.12 0.00	37.21 2.11 0.00	38.14 2.49 0.00	39.12 2.70 0.00	40.82 3.16 2.29	42.03 3.12 1.64	43.74 3.37 3.97	44.42 3.41 2.68	48.38 3.83 2.17	46.72 3.63 0.16	49.51 3.90 0.32	51.35 4.02 0.01	59.83 4.94 0.00	55.85 4.18 0.00	48.77 3.32 0.00	45.64 2.91 0.00	43.74 2.63 0.00	41.06 2.58 0.00	38.71 2.50 0.00
BAYONEEC___CTG10 323750	38.26 2.64 0.00	31.92 2.39 -0.37	27.98 1.98 0.00	26.07 2.02 0.00	26.16 2.03 0.00	30.40 2.12 0.00	37.21 2.11 0.00	38.14 2.49 0.00	39.12 2.70 0.00	40.82 3.16 2.29	42.03 3.12 1.64	43.74 3.37 3.97	44.42 3.41 2.68	48.38 3.83 2.17	46.72 3.63 0.16	49.51 3.90 0.32	51.35 4.02 0.01	59.83 4.94 0.00	55.85 4.18 0.00	48.77 3.32 0.00	45.64 2.91 0.00	43.74 2.63 0.00	41.06 2.58 0.00	38.71 2.50 0.00
BAYONEEC___CTG2 323683	38.26 2.64 0.00	31.92 2.39 -0.37	27.98 1.98 0.00	26.07 2.02 0.00	26.16 2.03 0.00	30.40 2.12 0.00	37.21 2.11 0.00	38.14 2.49 0.00	39.12 2.70 0.00	40.82 3.16 2.29	42.03 3.12 1.64	43.74 3.37 3.97	44.42 3.41 2.68	48.38 3.83 2.17	46.72 3.63 0.16	49.51 3.90 0.32	51.35 4.02 0.01	59.83 4.94 0.00	55.85 4.18 0.00	48.77 3.32 0.00	45.64 2.91 0.00	43.74 2.63 0.00	41.06 2.58 0.00	38.71 2.50 0.00
BAYONEEC___CTG3 323684	38.26 2.64 0.00	31.92 2.39 -0.37	27.98 1.98 0.00	26.07 2.02 0.00	26.16 2.03 0.00	30.40 2.12 0.00	37.21 2.11 0.00	38.14 2.49 0.00	39.12 2.70 0.00	40.82 3.16 2.29	42.03 3.12 1.64	43.74 3.37 3.97	44.42 3.41 2.68	48.38 3.83 2.17	46.72 3.63 0.16	49.51 3.90 0.32	51.35 4.02 0.01	59.83 4.94 0.00	55.85 4.18 0.00	48.77 3.32 0.00	45.64 2.91 0.00	43.74 2.63 0.00	41.06 2.58 0.00	38.71 2.50 0.00
BAYONEEC___CTG4 323685	38.26 2.64 0.00	31.92 2.39 -0.37	27.98 1.98 0.00	26.07 2.02 0.00	26.16 2.03 0.00	30.40 2.12 0.00	37.21 2.11 0.00	38.14 2.49 0.00	39.12 2.70 0.00	40.82 3.16 2.29	42.03 3.12 1.64	43.74 3.37 3.97	44.42 3.41 2.68	48.38 3.83 2.17	46.72 3.63 0.16	49.51 3.90 0.32	51.35 4.02 0.01	59.83 4.94 0.00	55.85 4.18 0.00	48.77 3.32 0.00	45.64 2.91 0.00	43.74 2.63 0.00	41.06 2.58 0.00	38.71 2.50 0.00
BAYONEEC___CTG5 323686	38.26 2.64 0.00	31.92 2.39 -0.37	27.98 1.98 0.00	26.07 2.02 0.00	26.16 2.03 0.00	30.40 2.12 0.00	37.21 2.11 0.00	38.14 2.49 0.00	39.12 2.70 0.00	40.82 3.16 2.29	42.03 3.12 1.64	43.74 3.37 3.97	44.42 3.41 2.68	48.38 3.83 2.17	46.72 3.63 0.16	49.51 3.90 0.32	51.35 4.02 0.01	59.83 4.94 0.00	55.85 4.18 0.00	48.77 3.32 0.00	45.64 2.91 0.00	43.74 2.63 0.00	41.06 2.58 0.00	38.71 2.50 0.00
BAYONEEC___CTG6 323687	38.26 2.64 0.00	31.92 2.39 -0.37	27.98 1.98 0.00	26.07 2.02 0.00	26.16 2.03 0.00	30.40 2.12 0.00	37.21 2.11 0.00	38.14 2.49 0.00	39.12 2.70 0.00	40.82 3.16 2.29	42.03 3.12 1.64	43.74 3.37 3.97	44.42 3.41 2.68	48.38 3.83 2.17	46.72 3.63 0.16	49.51 3.90 0.32	51.35 4.02 0.01	59.83 4.94 0.00	55.85 4.18 0.00	48.77 3.32 0.00	45.64 2.91 0.00	43.74 2.63 0.00	41.06 2.58 0.00	38.71 2.50 0.00
BAYONEEC___CTG7 323688	38.26 2.64 0.00	31.92 2.39 -0.37	27.98 1.98 0.00	26.07 2.02 0.00	26.16 2.03 0.00	30.40 2.12 0.00	37.21 2.11 0.00	38.14 2.49 0.00	39.12 2.70 0.00	40.82 3.16 2.29	42.03 3.12 1.64	43.74 3.37 3.97	44.42 3.41 2.68	48.38 3.83 2.17	46.72 3.63 0.16	49.51 3.90 0.32	51.35 4.02 0.01	59.83 4.94 0.00	55.85 4.18 0.00	48.77 3.32 0.00	45.64 2.91 0.00	43.74 2.63 0.00	41.06 2.58 0.00	38.71 2.50 0.00

BAYONEEC___CTG8 323689	38.26 2.64 0.00	31.92 2.39 -0.37	27.98 1.98 0.00	26.07 2.02 0.00	26.16 2.03 0.00	30.40 2.12 0.00	37.21 2.11 0.00	38.14 2.49 0.00	39.12 2.70 0.00	40.82 3.16 2.29	42.03 3.12 1.64	43.74 3.37 3.97	44.42 3.41 2.68	48.38 3.83 2.17	46.72 3.63 0.16	49.51 3.90 0.32	51.35 4.02 0.01	59.83 4.94 0.00	55.85 4.18 0.00	48.77 3.32 0.00	45.64 2.91 0.00	43.74 2.63 0.00	41.06 2.58 0.00	38.71 2.50 0.00
BAYONEEC___CTG9 323749	38.26 2.64 0.00	31.92 2.39 -0.37	27.98 1.98 0.00	26.07 2.02 0.00	26.16 2.03 0.00	30.40 2.12 0.00	37.21 2.11 0.00	38.14 2.49 0.00	39.12 2.70 0.00	40.82 3.16 2.29	42.03 3.12 1.64	43.74 3.37 3.97	44.42 3.41 2.68	48.38 3.83 2.17	46.72 3.63 0.16	49.51 3.90 0.32	51.35 4.02 0.01	59.83 4.94 0.00	55.85 4.18 0.00	48.77 3.32 0.00	45.64 2.91 0.00	43.74 2.63 0.00	41.06 2.58 0.00	38.71 2.50 0.00
BEACON___LESR 323632	36.55 0.92 0.00	32.30 0.93 -2.21	26.78 0.78 0.00	24.84 0.79 0.00	24.91 0.77 0.00	29.13 0.85 0.00	35.73 0.63 0.00	36.36 0.71 0.00	37.19 0.77 0.00	38.25 0.76 2.46	39.51 0.73 1.77	40.83 0.75 4.26	41.69 0.87 2.88	45.32 0.93 2.33	43.98 0.91 0.17	46.59 1.01 0.34	48.37 1.04 0.01	56.15 1.26 0.00	52.76 1.09 0.00	46.28 0.82 0.00	43.37 0.64 0.00	41.76 0.66 0.00	39.06 0.58 0.00	36.75 0.54 0.00
BEAVER RIVER___HYD 24048	36.20 0.57 0.00	29.47 0.44 0.13	26.44 0.44 0.00	24.34 0.29 0.00	24.52 0.38 0.00	28.85 0.57 0.00	35.42 0.32 0.00	36.00 0.36 0.00	36.65 0.22 0.00	38.31 -0.08 1.56	39.47 0.04 1.12	41.76 0.13 2.71	41.69 -0.17 1.83	45.05 -0.19 1.48	43.00 -0.13 0.11	45.57 -0.14 0.22	47.00 -0.33 0.01	54.84 -0.05 0.00	52.08 0.41 0.00	46.09 0.64 0.00	43.67 0.94 0.00	42.14 1.03 0.00	39.25 0.77 0.00	36.75 0.54 0.00
BEEBEE_GT_13 23619	35.02 -0.61 0.00	28.81 -0.35 0.00	25.85 -0.16 0.00	23.64 -0.41 0.00	23.85 -0.29 0.00	27.83 -0.45 0.00	34.08 -1.02 0.00	34.43 -1.21 0.00	35.30 -1.13 0.00	35.65 -1.72 2.58	36.99 -1.70 1.86	37.99 -1.86 4.49	38.56 -2.10 3.03	42.07 -2.20 2.45	40.86 -2.21 0.18	43.09 -2.48 0.36	45.10 -2.22 0.01	52.48 -2.42 0.00	49.65 -2.02 0.00	44.27 -1.18 0.00	41.88 -0.85 0.00	40.00 -1.11 0.00	37.18 -1.31 0.00	34.83 -1.38 0.00
BENSHRST_27_KV_BENSHRST_1 355998	38.81 3.17 -0.01	32.37 2.83 -0.38	28.38 2.37 -0.01	26.39 2.33 -0.01	26.51 2.37 -0.01	30.74 2.46 0.00	37.52 2.42 0.00	38.50 2.85 0.00	39.49 3.06 0.00	41.42 3.76 2.29	42.52 3.61 1.64	44.40 4.03 3.97	45.03 4.02 2.68	48.85 4.30 2.17	47.19 4.11 0.16	50.11 4.50 0.32	51.97 4.64 0.01	60.49 5.60 0.00	56.37 4.70 0.00	49.32 3.86 0.00	46.16 3.42 -0.01	44.40 3.29 -0.01	41.61 3.12 -0.01	39.26 3.04 -0.01
BETHLEHEM___GRP 23843	36.06 0.43 0.00	31.85 0.52 -2.16	26.44 0.44 0.00	24.55 0.50 0.00	24.62 0.48 0.00	28.76 0.48 0.00	35.24 0.14 0.00	35.86 0.21 0.00	36.65 0.22 0.00	37.69 0.20 2.46	38.90 0.12 1.77	40.21 0.13 4.26	41.03 0.22 2.88	44.53 0.14 2.33	43.24 0.17 0.17	45.81 0.23 0.34	47.56 0.24 0.01	55.22 0.33 0.00	51.82 0.16 0.00	45.50 0.05 0.00	42.69 -0.04 0.00	41.15 0.04 0.00	38.48 0.00 0.00	36.28 0.07 0.00
BETHLEHEM___GS1 323560	36.06 0.43 0.00	31.85 0.53 -2.16	26.44 0.44 0.00	24.55 0.51 0.00	24.62 0.48 0.00	28.76 0.48 0.00	35.24 0.14 0.00	35.86 0.22 0.00	36.65 0.22 0.00	37.69 0.20 2.46	38.90 0.12 1.77	40.17 0.09 4.26	40.99 0.18 2.88	44.53 0.14 2.33	43.29 0.22 0.17	45.82 0.23 0.34	47.57 0.24 0.01	55.22 0.33 0.00	51.82 0.16 0.00	45.50 0.05 0.00	42.65 -0.09 0.00	41.11 0.00 0.00	38.48 0.00 0.00	36.24 0.04 0.00
BETHLEHEM___GS2 323561	36.06 0.43 0.00	31.85 0.53 -2.16	26.44 0.44 0.00	24.55 0.51 0.00	24.62 0.48 0.00	28.76 0.48 0.00	35.24 0.14 0.00	35.86 0.22 0.00	36.65 0.22 0.00	37.69 0.20 2.46	38.90 0.12 1.77	40.17 0.09 4.26	40.99 0.18 2.88	44.53 0.14 2.33	43.29 0.22 0.17	45.82 0.23 0.34	47.57 0.24 0.01	55.22 0.33 0.00	51.82 0.16 0.00	45.50 0.05 0.00	42.65 -0.09 0.00	41.11 0.00 0.00	38.48 0.00 0.00	36.24 0.04 0.00
BETHLEHEM___GS3 323562	36.06 0.43 0.00	31.85 0.53 -2.16	26.44 0.44 0.00	24.55 0.51 0.00	24.62 0.48 0.00	28.76 0.48 0.00	35.24 0.14 0.00	35.86 0.22 0.00	36.65 0.22 0.00	37.69 0.20 2.46	38.90 0.12 1.77	40.17 0.09 4.26	40.99 0.18 2.88	44.53 0.14 2.33	43.29 0.22 0.17	45.82 0.23 0.34	47.57 0.24 0.01	55.22 0.33 0.00	51.82 0.16 0.00	45.50 0.05 0.00	42.65 -0.09 0.00	41.11 0.00 0.00	38.48 0.00 0.00	36.24 0.04 0.00
BETHLEHEM___STEEL 23779	34.56 -1.07 0.00	28.43 -0.73 0.00	25.64 -0.36 0.00	23.45 -0.60 0.00	23.70 -0.43 0.00	27.60 -0.68 0.00	33.63 -1.47 0.00	33.83 -1.82 0.00	34.72 -1.71 0.00	34.80 -2.56 2.59	36.09 -2.60 1.86	36.81 -3.02 4.52	37.58 -3.06 3.05	40.93 -3.32 2.47	39.82 -3.24 0.18	41.98 -3.58 0.36	44.49 -2.84 0.01	51.71 -3.18 0.00	48.98 -2.69 0.00	43.91 -1.55 0.00	41.41 -1.32 0.00	39.42 -1.69 0.00	36.68 -1.81 0.00	34.29 -1.92 0.00
BETHLHEM_115KV_TB1 79974	36.13 0.50 0.00	31.80 0.58 -2.05	26.50 0.49 0.00	24.58 0.53 0.00	24.67 0.53 0.00	28.82 0.54 0.00	35.31 0.21 0.00	35.93 0.29 0.00	36.72 0.29 0.00	37.77 0.28 2.46	39.03 0.24 1.77	40.31 0.22 4.25	41.17 0.35 2.87	44.67 0.28 2.32	43.37 0.30 0.17	45.95 0.37 0.34	47.71 0.38 0.01	55.39 0.49 0.00	51.98 0.31 0.00	45.64 0.18 0.00	42.82 0.09 0.00	41.27 0.16 0.00	38.60 0.12 0.00	36.35 0.14 0.00
BETHPAGE_CC_5 323564	38.67 3.03 -0.01	32.31 2.77 -0.38	28.37 2.37 0.00	26.41 2.36 -0.01	26.50 2.37 0.00	30.84 2.55 -0.01	37.67 2.56 -0.01	38.54 2.89 -0.01	39.43 2.99 -0.01	40.95 3.28 2.28	45.03 3.20 -1.27	47.91 3.24 -0.33	49.54 3.19 -2.66	51.13 3.60 -0.82	49.93 3.38 -3.30	52.10 3.63 -2.55	56.57 3.69 -5.54	60.83 4.50 -1.44	57.60 3.98 -1.95	54.06 3.27 -5.33	48.90 2.82 -3.34	48.00 2.67 -4.23	43.34 2.85 -2.01	38.95 2.72 -0.02
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	34.63 -1.00 0.00	28.49 -0.67 0.00	25.69 -0.31 0.00	23.47 -0.58 0.00	23.73 -0.41 0.00	27.66 -0.62 0.00	33.70 -1.40 0.00	33.93 -1.71 0.00	34.82 -1.60 0.00	34.96 -2.40 2.59	36.26 -2.43 1.86	36.99 -2.84 4.51	37.80 -2.84 3.05	41.17 -3.08 2.47	39.99 -3.07 0.18	42.17 -3.40 0.36	44.68 -2.65 0.01	51.93 -2.96 0.00	49.14 -2.53 0.00	44.05 -1.41 0.00	41.54 -1.20 0.00	39.55 -1.56 0.00	36.79 -1.69 0.00	34.36 -1.85 0.00
BINGHAMTON___COGEN 23790	35.88 0.25 0.00	29.54 0.38 0.00	26.42 0.42 0.00	24.36 0.31 0.00	24.50 0.36 0.00	28.68 0.40 0.00	35.14 0.04 0.00	35.64 0.00 0.00	36.50 0.07 0.00	37.25 -0.20 2.51	38.63 -0.12 1.80	39.80 -0.18 4.36	40.57 -0.17 2.94	44.10 -0.23 2.38	42.81 -0.26 0.18	45.30 -0.28 0.35	47.19 -0.14 0.01	54.84 -0.05 0.00	51.72 0.05 0.00	45.68 0.23 0.00	43.03 0.30 0.00	41.23 0.12 0.00	38.45 -0.04 0.00	36.03 -0.18 0.00

BIXINCNT_115KV_LOAD 355685	34.84 -0.78 0.00	28.67 -0.50 0.00	25.85 -0.16 0.00	23.64 -0.41 0.00	23.89 -0.24 0.00	27.86 -0.42 0.00	34.05 -1.05 0.00	34.36 -1.28 0.00	35.26 -1.17 0.00	35.42 -1.96 2.57	36.71 -1.99 1.85	37.46 -2.39 4.48	38.30 -2.36 3.03	41.70 -2.57 2.45	40.51 -2.55 0.18	42.72 -2.85 0.36	45.20 -2.13 0.01	52.42 -2.47 0.00	49.60 -2.07 0.00	44.41 -1.05 0.00	41.84 -0.90 0.00	39.87 -1.23 0.00	37.06 -1.42 0.00	34.62 -1.59 0.00
BLACK RIVER___HYD 24047	36.59 0.96 0.00	29.83 0.79 0.12	26.78 0.78 0.00	24.62 0.58 0.00	24.84 0.70 0.00	29.24 0.96 0.00	35.70 0.60 0.00	36.29 0.64 0.00	36.90 0.47 0.00	38.96 0.16 1.15	40.05 0.32 0.83	42.83 0.49 2.00	42.43 0.09 1.35	45.72 0.09 1.09	43.25 0.09 0.08	45.86 0.09 0.16	47.19 -0.14 0.01	55.11 0.22 0.00	52.49 0.82 0.00	46.55 1.09 0.00	44.19 1.45 0.00	42.67 1.56 0.00	39.56 1.08 0.00	36.97 0.76 0.00
BLACKRVR_115KV_TB2 79977	36.59 0.96 0.00	29.83 0.79 0.12	26.78 0.78 0.00	24.62 0.58 0.00	24.84 0.70 0.00	29.24 0.96 0.00	35.70 0.60 0.00	36.25 0.61 0.00	36.90 0.47 0.00	38.92 0.12 1.15	40.01 0.28 0.83	42.79 0.44 2.00	42.39 0.04 1.35	45.67 0.05 1.09	43.25 0.09 0.08	45.86 0.09 0.16	47.19 -0.14 0.01	55.11 0.22 0.00	52.50 0.83 0.00	46.55 1.09 0.00	44.19 1.45 0.00	42.59 1.48 0.00	39.56 1.08 0.00	36.97 0.76 0.00
BLDWN_LI_69_KV_BK4 356085	38.78 3.14 -0.01	32.43 2.89 -0.38	28.45 2.44 0.00	26.51 2.45 -0.01	26.60 2.46 0.00	30.92 2.63 -0.01	37.78 2.67 -0.01	38.62 2.96 -0.01	39.57 3.13 -0.01	41.23 3.56 2.27	50.56 3.57 -6.44	56.05 3.77 -7.94	59.55 3.76 -12.10	56.88 4.06 -6.10	56.36 3.68 -9.44	57.55 4.04 -7.58	66.80 4.17 -15.30	63.94 5.05 -4.00	61.57 4.50 -5.41	63.96 3.77 -14.73	55.28 3.29 -9.26	56.05 3.25 -11.69	47.18 3.12 -5.57	39.18 2.93 -0.04
BLISS_WT_PWR 323608	34.84 -0.78 0.00	28.64 -0.52 0.00	25.82 -0.18 0.00	23.66 -0.39 0.00	23.89 -0.24 0.00	27.86 -0.42 0.00	34.05 -1.05 0.00	34.54 -1.11 0.00	35.26 -1.17 0.00	35.62 -1.76 2.57	36.80 -1.91 1.85	37.60 -2.26 4.48	38.52 -2.14 3.03	41.93 -2.33 2.45	40.51 -2.55 0.18	42.81 -2.75 0.36	45.25 -2.08 0.01	52.48 -2.41 0.00	49.60 -2.07 0.00	44.41 -1.04 0.00	41.83 -0.90 0.00	40.16 -0.94 0.00	37.06 -1.42 0.00	34.76 -1.45 0.00
BLUESTONE___WT_PWR 323821	37.52 1.89 0.00	31.02 1.66 -0.20	27.56 1.56 0.00	25.37 1.32 0.00	25.58 1.45 0.00	30.09 1.81 0.00	36.72 1.62 0.00	37.43 1.78 0.00	38.18 1.75 0.00	39.05 1.52 2.42	40.47 1.66 1.74	42.05 1.91 4.20	42.47 1.62 2.83	46.20 1.77 2.29	44.72 1.64 0.17	47.38 1.79 0.34	49.08 1.75 0.01	57.14 2.25 0.00	54.20 2.53 0.00	47.86 2.41 0.00	45.12 2.39 0.00	43.41 2.30 0.00	40.22 1.73 0.00	37.62 1.41 0.00
BLUE_CIRC_CHEM_DRP 24182	36.45 0.82 0.00	31.58 0.82 -1.61	26.76 0.75 0.00	24.79 0.75 0.00	24.88 0.75 0.00	29.07 0.79 0.00	35.63 0.53 0.00	36.22 0.57 0.00	36.97 0.55 0.00	38.00 0.48 2.43	39.21 0.41 1.75	40.56 0.44 4.22	41.36 0.52 2.85	44.92 0.51 2.31	43.63 0.56 0.17	46.23 0.64 0.34	47.99 0.66 0.01	55.71 0.82 0.00	52.39 0.72 0.00	46.05 0.59 0.00	43.25 0.51 0.00	41.64 0.53 0.00	38.95 0.46 0.00	36.68 0.47 0.00
BOC_GAS_DRP 24189	36.27 0.64 0.00	31.32 0.70 -1.46	26.60 0.60 0.00	24.67 0.63 0.00	24.76 0.63 0.00	28.93 0.65 0.00	35.49 0.39 0.00	36.11 0.46 0.00	36.90 0.47 0.00	38.03 0.52 2.44	39.28 0.49 1.75	40.60 0.49 4.23	41.40 0.57 2.86	45.01 0.61 2.31	43.68 0.61 0.17	46.28 0.69 0.34	47.99 0.66 0.01	55.71 0.82 0.00	52.34 0.67 0.00	45.96 0.50 0.00	43.12 0.38 0.00	41.52 0.41 0.00	38.83 0.35 0.00	36.57 0.36 0.00
BOONVILLE_115KV_TB1 79983	36.55 0.93 0.00	29.85 0.85 0.15	26.78 0.78 0.00	24.67 0.63 0.00	24.86 0.72 0.00	29.19 0.90 0.00	35.73 0.63 0.00	36.32 0.68 0.00	37.08 0.66 0.00	38.06 0.44 2.33	39.45 0.57 1.67	41.01 0.71 4.04	41.44 0.48 2.73	45.07 0.56 2.21	43.60 0.52 0.17	46.20 0.60 0.32	47.80 0.47 0.01	55.66 0.77 0.00	52.65 0.98 0.00	46.46 1.00 0.00	43.84 1.11 0.00	42.22 1.11 0.00	39.29 0.81 0.00	36.82 0.62 0.00
BORALEX_4TH_BRANCH 23824	38.69 3.06 0.00	35.15 2.86 -3.13	28.50 2.50 0.00	26.45 2.40 0.00	26.55 2.41 0.00	31.00 2.71 0.00	37.80 2.70 0.00	38.07 2.42 0.00	38.94 2.51 0.00	40.15 2.68 2.47	41.45 2.68 1.78	42.97 2.93 4.29	43.89 3.10 2.90	47.69 3.32 2.35	45.97 2.90 0.18	49.07 3.49 0.35	50.78 3.46 0.01	59.06 4.17 0.00	55.39 3.72 0.00	48.50 3.05 0.00	45.42 2.69 0.00	43.66 2.55 0.00	40.83 2.35 0.00	38.78 2.57 0.00
BOWLINE___1 23526	37.73 2.10 0.00	31.53 2.01 -0.36	27.69 1.69 0.00	25.75 1.71 0.00	25.87 1.74 0.00	30.09 1.81 0.00	36.79 1.68 0.00	37.64 1.99 0.00	38.54 2.11 0.00	40.12 2.44 2.27	41.35 2.43 1.63	42.93 2.53 3.94	43.65 2.62 2.66	47.56 2.99 2.15	45.98 2.90 0.16	48.78 3.17 0.32	50.59 3.26 0.01	58.85 3.95 0.00	55.03 3.36 0.00	48.14 2.68 0.00	45.00 2.26 0.00	43.08 1.97 0.00	40.41 1.92 0.00	38.09 1.88 0.00
BOWLINE___2 23595	37.69 2.07 0.00	31.53 2.01 -0.36	27.69 1.69 0.00	25.75 1.71 0.00	25.85 1.71 0.00	30.09 1.81 0.00	36.75 1.65 0.00	37.60 1.96 0.00	38.50 2.08 0.00	40.08 2.40 2.27	41.27 2.35 1.63	42.89 2.48 3.94	43.57 2.53 2.66	47.51 2.94 2.15	45.89 2.81 0.16	48.74 3.12 0.32	50.50 3.17 0.01	58.79 3.90 0.00	54.98 3.31 0.00	48.05 2.59 0.00	44.91 2.18 0.00	43.00 1.89 0.00	40.37 1.89 0.00	38.05 1.85 0.00
BRADY___115KV_TB2 356060	35.98 0.36 0.00	29.13 -0.03 0.00	25.98 -0.03 0.00	23.97 -0.07 0.00	24.02 -0.12 0.00	28.28 0.00 0.00	35.70 0.60 0.00	36.29 0.64 0.00	36.86 0.44 0.00	39.60 0.52 0.87	40.42 0.49 0.62	43.41 0.58 1.50	43.11 0.44 1.02	46.41 0.51 0.82	43.62 0.43 0.06	46.08 0.28 0.12	47.62 0.28 0.00	55.22 0.33 0.00	52.29 0.62 0.00	46.23 0.77 0.00	43.54 0.81 0.00	42.05 0.95 0.00	39.41 0.92 0.00	36.97 0.76 0.00
BRANSCOMB___SOLAR 323811	37.55 1.92 0.00	35.26 2.04 -4.05	27.77 1.77 0.00	25.73 1.68 0.00	25.78 1.64 0.00	30.23 1.95 0.00	37.06 1.96 0.00	37.25 1.61 0.00	38.10 1.68 0.00	39.07 1.64 2.52	40.28 1.54 1.81	41.74 1.78 4.38	42.52 1.79 2.96	46.33 2.01 2.39	44.97 1.90 0.18	47.78 2.20 0.35	49.36 2.03 0.01	57.47 2.58 0.00	53.94 2.27 0.00	47.32 1.86 0.00	44.40 1.66 0.00	42.83 1.73 0.00	40.03 1.54 0.00	37.69 1.49 0.00
BRDGHMPT_69_KV_BK1 55812	39.49 3.78 -0.08	32.69 3.15 -0.38	28.68 2.68 0.00	26.99 2.93 -0.01	26.94 2.80 0.00	31.34 3.05 -0.01	38.41 3.30 -0.01	39.40 3.74 -0.01	40.48 3.97 -0.08	42.62 4.51 1.84	44.08 4.18 0.64	46.10 4.26 2.49	47.04 4.19 0.85	50.92 4.48 0.28	63.48 4.32 -15.91	71.38 4.78 -20.68	82.58 4.88 -30.37	113.36 5.87 -52.59	109.05 5.27 -52.11	66.62 4.41 -16.75	63.87 3.72 -17.42	52.33 3.62 -7.60	42.79 3.62 -0.69	39.88 3.66 -0.01



BRENTWOD_69_KV_W. BRTWOOD 56703	39.04 3.38 -0.03	32.54 3.00 -0.38	28.58 2.57 0.00	26.70 2.65 -0.01	26.72 2.58 0.00	31.06 2.77 -0.01	37.99 2.88 -0.01	38.90 3.24 -0.01	39.77 3.31 -0.02	41.44 3.68 2.19	43.67 3.57 0.45	45.63 3.50 2.21	46.73 3.54 0.50	49.73 3.78 0.77	51.24 3.63 -4.37	54.97 4.00 -5.04	59.63 4.07 -8.22	71.31 4.94 -11.48	67.61 4.39 -11.55	54.35 3.59 -5.30	50.58 3.08 -4.77	47.16 3.04 -3.01	42.61 3.31 -0.82	39.48 3.26 -0.01
BRISTLHL_115KV_TB1 79998	34.95 -0.68 0.00	28.67 -0.38 0.11	25.72 -0.29 0.00	23.71 -0.34 0.00	23.85 -0.29 0.00	27.91 -0.37 0.00	34.33 -0.77 0.00	34.68 -0.96 0.00	35.44 -0.98 0.00	38.96 -1.20 -0.20	39.56 -1.14 -0.15	43.50 -1.20 -0.35	42.71 -1.22 -0.24	45.60 -1.31 -0.19	42.01 -1.25 -0.01	44.62 -1.33 -0.03	45.97 -1.37 0.00	53.41 -1.48 0.00	50.38 -1.29 0.00	44.37 -1.09 0.00	41.79 -0.94 0.00	40.12 -0.99 0.00	37.48 -1.00 0.00	35.16 -1.05 0.00
BROOKHAVEN___DRP 24191	39.06 3.35 -0.08	32.37 2.83 -0.38	28.39 2.39 0.00	26.68 2.62 -0.01	26.62 2.49 0.00	30.92 2.63 -0.01	37.85 2.74 -0.01	38.79 3.14 -0.01	39.71 3.21 -0.08	41.70 3.60 1.85	43.23 3.33 0.65	45.16 3.33 2.50	46.20 3.36 0.86	50.07 3.64 0.29	62.53 3.46 -15.82	70.26 3.77 -20.56	81.37 3.83 -30.20	111.85 4.67 -52.29	107.67 4.19 -51.81	65.57 3.45 -16.66	63.01 2.95 -17.33	51.67 3.00 -7.56	42.29 3.12 -0.68	39.34 3.11 -0.01
BROOKLYN_NAVY_YARD 23515	38.23 2.60 0.00	31.92 2.39 -0.37	27.98 1.98 0.00	26.07 2.02 0.00	26.16 2.03 0.00	30.40 2.12 0.00	37.21 2.11 0.00	38.14 2.49 0.00	39.12 2.70 0.00	40.86 3.20 2.29	42.07 3.17 1.64	43.78 3.41 3.97	44.46 3.45 2.68	48.42 3.88 2.17	46.80 3.72 0.16	49.60 3.99 0.32	51.44 4.12 0.01	59.94 5.05 0.00	55.95 4.29 0.00	48.87 3.41 0.00	45.68 2.95 0.00	43.82 2.71 0.00	41.10 2.62 0.00	38.74 2.53 0.00
BROOKLYN___ARMY_DRP 323595	38.63 2.99 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.24 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.31 2.88 0.00	41.18 3.52 2.29	42.31 3.41 1.64	44.14 3.77 3.97	44.72 3.71 2.68	48.52 3.97 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.64 4.31 0.01	60.11 5.21 0.00	56.06 4.39 0.00	49.00 3.55 0.00	45.86 3.12 -0.01	44.16 3.04 -0.01	41.42 2.92 -0.01	39.08 2.86 -0.01
BROOME_2_LFGE 323671	35.88 0.25 0.00	29.54 0.38 0.00	26.42 0.41 0.00	24.36 0.31 0.00	24.50 0.36 0.00	28.68 0.40 0.00	35.14 0.04 0.00	35.68 0.04 0.00	36.50 0.07 0.00	37.29 -0.16 2.51	38.63 -0.12 1.80	39.85 -0.13 4.36	40.57 -0.17 2.94	44.15 -0.19 2.38	42.81 -0.26 0.18	45.30 -0.27 0.35	47.19 -0.14 0.01	54.89 0.00 0.00	51.72 0.05 0.00	45.68 0.23 0.00	43.03 0.30 0.00	41.31 0.21 0.00	38.45 -0.04 0.00	36.06 -0.14 0.00
BROOME___LFGE 323600	35.88 0.25 0.00	29.54 0.38 0.00	26.42 0.41 0.00	24.36 0.31 0.00	24.50 0.36 0.00	28.68 0.40 0.00	35.14 0.04 0.00	35.68 0.04 0.00	36.50 0.07 0.00	37.29 -0.16 2.51	38.63 -0.12 1.80	39.85 -0.13 4.36	40.57 -0.17 2.94	44.15 -0.19 2.38	42.81 -0.26 0.18	45.30 -0.27 0.35	47.19 -0.14 0.01	54.89 0.00 0.00	51.72 0.05 0.00	45.68 0.23 0.00	43.03 0.30 0.00	41.31 0.21 0.00	38.45 -0.04 0.00	36.06 -0.14 0.00
BROWNFLS_115KV_TB 3_5 80003	35.66 0.04 0.00	28.99 -0.06 0.11	25.98 -0.03 0.00	23.90 -0.14 0.00	24.06 -0.07 0.00	28.25 -0.03 0.00	34.99 -0.11 0.00	35.57 -0.07 0.00	36.21 -0.22 0.00	38.12 -0.44 1.40	39.22 -0.32 1.00	41.65 -0.27 2.42	41.44 -0.61 1.64	44.79 -0.61 1.32	42.58 -0.56 0.10	45.04 -0.69 0.19	46.48 -0.85 0.01	54.18 -0.71 0.00	51.41 -0.26 0.00	45.46 0.00 0.00	43.12 0.38 0.00	41.60 0.49 0.00	38.95 0.46 0.00	36.46 0.25 0.00
BROWNSV1_27_KV_LOAD 356125	38.62 2.99 0.00	32.18 2.65 -0.37	28.24 2.24 0.00	26.28 2.24 0.00	26.38 2.24 0.00	30.66 2.38 0.00	37.52 2.42 0.00	38.50 2.85 0.00	39.49 3.06 0.00	41.30 3.64 2.29	42.52 3.61 1.64	44.32 3.95 3.97	45.07 4.06 2.68	48.89 4.34 2.17	47.23 4.15 0.16	50.16 4.55 0.32	52.01 4.69 0.01	60.60 5.71 0.00	56.53 4.86 0.00	49.32 3.86 0.00	46.11 3.38 0.00	44.27 3.17 0.00	41.45 2.96 0.00	39.11 2.90 0.00
BURROWS___LYONSDAL 23803	36.48 0.86 0.00	29.74 0.73 0.15	26.70 0.70 0.00	24.60 0.55 0.00	24.79 0.65 0.00	29.10 0.82 0.00	35.66 0.56 0.00	36.25 0.61 0.00	36.97 0.55 0.00	38.09 0.32 2.18	39.43 0.45 1.57	41.14 0.58 3.78	41.44 0.31 2.55	45.03 0.37 2.06	43.44 0.35 0.15	46.04 0.41 0.30	47.61 0.28 0.01	55.44 0.55 0.00	52.50 0.83 0.00	46.37 0.91 0.00	43.80 1.07 0.00	42.18 1.07 0.00	39.25 0.77 0.00	36.79 0.58 0.00
CAITHNESS_CC_1 323624	38.98 3.28 -0.08	32.34 2.80 -0.38	28.37 2.37 0.00	26.51 2.45 -0.01	26.60 2.46 0.00	30.89 2.60 -0.01	37.78 2.67 -0.01	38.75 3.10 -0.01	39.67 3.17 -0.08	41.58 3.47 1.85	43.14 3.25 0.65	45.03 3.19 2.51	45.97 3.15 0.86	50.02 3.60 0.30	62.31 3.33 -15.73	70.05 3.68 -20.44	81.06 3.69 -30.03	111.39 4.50 -52.00	107.27 4.08 -51.52	65.34 3.32 -16.57	62.78 2.82 -17.23	51.38 2.75 -7.52	42.25 3.08 -0.68	39.15 2.93 -0.01
CALPINE BETH_PAGE_GT4 24209	38.67 3.03 -0.01	32.34 2.80 -0.38	28.39 2.39 0.00	26.49 2.43 -0.01	26.55 2.41 0.00	30.86 2.57 -0.01	37.74 2.63 -0.01	38.54 2.89 -0.01	39.43 2.99 -0.01	41.11 3.44 2.27	45.87 3.20 -2.12	49.24 3.33 -1.58	51.22 3.32 -4.20	51.99 3.60 -1.68	50.93 3.37 -4.31	53.02 3.72 -3.37	58.26 3.79 -7.13	61.31 4.56 -1.86	58.21 4.03 -2.51	55.59 3.27 -6.86	49.86 2.82 -4.31	49.35 2.80 -5.45	43.89 2.81 -2.59	38.95 2.72 -0.03
CALPINE_BETH_PAGE_GT_4 323586	38.67 3.03 -0.01	32.34 2.80 -0.38	28.39 2.39 0.00	26.46 2.40 -0.01	26.55 2.41 0.00	30.86 2.57 -0.01	37.75 2.63 -0.01	38.54 2.89 -0.01	39.43 2.99 -0.01	40.91 3.23 2.27	45.84 3.17 -2.12	49.15 3.24 -1.58	51.08 3.19 -4.20	51.99 3.60 -1.68	50.97 3.42 -4.31	52.97 3.68 -3.37	58.21 3.74 -7.13	61.30 4.55 -1.86	58.22 4.03 -2.51	55.59 3.27 -6.86	49.86 2.82 -4.31	49.23 2.67 -5.45	43.89 2.81 -2.59	38.98 2.75 -0.03
CALPINE_BP_GT1 23823	38.67 3.03 -0.01	32.34 2.80 -0.38	28.39 2.39 0.00	26.46 2.40 -0.01	26.55 2.41 0.00	30.86 2.57 -0.01	37.75 2.63 -0.01	38.54 2.89 -0.01	39.43 2.99 -0.01	40.91 3.23 2.27	45.84 3.17 -2.12	49.15 3.24 -1.58	51.08 3.19 -4.20	51.99 3.60 -1.68	50.97 3.42 -4.31	52.97 3.68 -3.37	58.21 3.74 -7.13	61.30 4.55 -1.86	58.22 4.03 -2.51	55.59 3.27 -6.86	49.86 2.82 -4.31	49.23 2.67 -5.45	43.89 2.81 -2.59	38.98 2.75 -0.03
CALSPAN___DRP 24200	34.56 -1.07 0.00	28.43 -0.73 0.00	25.64 -0.36 0.00	23.45 -0.60 0.00	23.70 -0.43 0.00	27.60 -0.68 0.00	33.63 -1.47 0.00	33.83 -1.82 0.00	34.72 -1.71 0.00	34.80 -2.56 2.59	36.09 -2.60 1.86	36.81 -3.02 4.52	37.58 -3.06 3.05	40.93 -3.32 2.47	39.82 -3.24 0.18	41.98 -3.58 0.36	44.49 -2.84 0.01	51.71 -3.18 0.00	48.98 -2.69 0.00	43.91 -1.55 0.00	41.41 -1.32 0.00	39.42 -1.69 0.00	36.68 -1.81 0.00	34.29 -1.92 0.00

CALVERTON___SOLAR 323806	39.16 3.45 -0.08	32.43 2.89 -0.38	28.44 2.44 0.00	26.58 2.52 -0.01	26.67 2.53 0.00	30.98 2.69 -0.01	37.92 2.81 -0.01	38.90 3.24 -0.01	39.82 3.31 -0.08	41.74 3.64 1.85	43.31 3.41 0.65	45.21 3.37 2.50	46.20 3.36 0.85	50.21 3.78 0.29	62.61 3.50 -15.86	70.44 3.90 -20.61	81.53 3.93 -30.27	112.14 4.83 -52.42	108.00 4.39 -51.94	65.79 3.64 -16.70	63.18 3.08 -17.37	51.65 2.96 -7.58	42.40 3.23 -0.69	39.30 3.08 -0.01
CANDIGU_WT_PWR 323617	35.45 -0.18 0.00	29.16 0.00 0.00	26.21 0.21 0.00	24.07 0.02 0.00	24.23 0.10 0.00	28.37 0.09 0.00	34.61 -0.49 0.00	35.11 -0.53 0.00	35.81 -0.62 0.00	36.43 -1.08 2.44	37.62 -1.18 1.76	38.56 -1.51 4.27	39.23 -1.73 2.89	42.66 -1.81 2.33	41.26 -1.93 0.17	43.66 -1.81 0.34	45.72 -1.61 0.01	53.30 -1.59 0.00	50.43 -1.24 0.00	44.96 -0.50 0.00	42.52 -0.21 0.00	40.82 -0.29 0.00	37.79 -0.69 0.00	35.41 -0.80 0.00
CARR STREET_E_SYR 24060	35.45 -0.18 0.00	29.11 0.06 0.11	26.11 0.10 0.00	24.07 0.02 0.00	24.18 0.05 0.00	28.34 0.06 0.00	34.82 -0.28 0.00	35.22 -0.43 0.00	36.03 -0.40 0.00	37.63 -0.60 1.72	38.79 -0.53 1.24	40.87 -0.49 2.98	41.15 -0.52 2.01	44.53 -0.56 1.63	42.52 -0.61 0.12	45.04 -0.64 0.24	46.71 -0.62 0.01	54.29 -0.60 0.00	51.15 -0.52 0.00	45.05 -0.41 0.00	42.39 -0.34 0.00	40.78 -0.33 0.00	37.98 -0.50 0.00	35.67 -0.54 0.00
CARTHAGE___PAPER 23857	36.38 0.75 0.00	29.62 0.58 0.12	26.57 0.57 0.00	24.45 0.41 0.00	24.64 0.51 0.00	28.99 0.71 0.00	35.56 0.46 0.00	36.14 0.50 0.00	36.75 0.33 0.00	38.68 0.04 1.31	39.73 0.12 0.94	42.34 0.27 2.27	42.07 -0.09 1.53	45.38 -0.09 1.24	43.11 -0.04 0.09	45.70 -0.05 0.18	47.10 -0.24 0.01	54.95 0.05 0.00	52.24 0.57 0.00	46.32 0.86 0.00	43.93 1.19 0.00	42.42 1.32 0.00	39.41 0.92 0.00	36.86 0.65 0.00
CASSADAGA_WT_PWR 323784	35.45 -0.18 0.00	29.10 -0.06 0.00	26.26 0.26 0.00	24.02 -0.02 0.00	24.26 0.12 0.00	28.31 0.03 0.00	34.64 -0.46 0.00	35.11 -0.53 0.00	35.84 -0.58 0.00	36.30 -1.08 2.58	37.48 -1.22 1.85	38.29 -1.55 4.49	39.17 -1.49 3.03	42.58 -1.68 2.45	41.12 -1.95 0.18	43.41 -2.16 0.36	45.91 -1.42 0.01	53.35 -1.54 0.00	50.38 -1.29 0.00	45.23 -0.23 0.00	42.65 -0.09 0.00	41.03 -0.08 0.00	37.71 -0.77 0.00	35.38 -0.83 0.00
CE_DUNWOOD___DRP 24194	38.02 2.39 0.00	31.75 2.22 -0.37	27.85 1.85 0.00	25.95 1.90 0.00	26.04 1.91 0.00	30.29 2.01 0.00	37.03 1.93 0.00	37.93 2.28 0.00	38.87 2.44 0.00	40.54 2.88 2.29	41.75 2.84 1.64	43.43 3.06 3.97	44.20 3.19 2.68	47.96 3.41 2.17	46.41 3.33 0.16	49.33 3.72 0.32	51.16 3.83 0.01	59.50 4.61 0.00	55.60 3.93 0.00	48.59 3.14 0.00	45.34 2.61 0.00	43.53 2.43 0.00	40.72 2.23 0.00	38.45 2.24 0.00
CE_MILLWOOD___DRP 24193	37.94 2.32 0.00	31.69 2.16 -0.37	27.80 1.79 0.00	25.90 1.85 0.00	25.99 1.86 0.00	30.23 1.95 0.00	36.96 1.86 0.00	37.85 2.21 0.00	38.76 2.33 0.00	40.42 2.76 2.28	41.63 2.72 1.64	43.30 2.93 3.96	44.07 3.06 2.68	47.87 3.32 2.17	46.28 3.20 0.16	49.19 3.58 0.32	51.02 3.69 0.01	59.39 4.50 0.00	55.49 3.82 0.00	48.46 3.00 0.00	45.25 2.52 0.00	43.41 2.30 0.00	40.64 2.16 0.00	38.35 2.14 0.00
CE_NYC2_DRP 24202	38.41 2.78 -0.01	32.08 2.54 -0.38	28.12 2.11 -0.01	26.19 2.14 -0.01	26.32 2.17 -0.01	30.51 2.23 0.00	37.28 2.18 0.00	38.21 2.57 0.00	39.20 2.77 0.00	41.02 3.36 2.29	42.19 3.28 1.64	43.96 3.59 3.97	44.59 3.58 2.68	48.33 3.78 2.17	46.76 3.68 0.16	49.56 3.95 0.32	51.40 4.07 0.01	59.77 4.89 0.01	55.74 4.08 0.01	48.77 3.32 0.00	45.60 2.86 0.00	43.86 2.75 0.00	41.18 2.69 0.00	38.85 2.64 0.00
CE_NYC_DRP 24195	38.30 2.67 0.00	31.98 2.45 -0.37	28.03 2.03 0.00	26.11 2.07 0.00	26.21 2.08 0.00	30.46 2.18 0.00	37.28 2.18 0.00	38.21 2.57 0.00	39.20 2.77 0.00	40.98 3.32 2.29	42.15 3.24 1.64	43.92 3.55 3.97	44.64 3.63 2.68	48.43 3.88 2.17	46.84 3.76 0.16	49.70 4.09 0.32	51.54 4.21 0.01	60.05 5.16 0.00	56.01 4.34 0.00	48.91 3.45 0.00	45.68 2.95 0.00	43.90 2.80 0.00	41.10 2.62 0.00	38.78 2.57 0.00
CHAFFEE___LFGE 323603	34.63 -1.00 0.00	28.46 -0.70 0.00	25.66 -0.34 0.00	23.47 -0.58 0.00	23.70 -0.43 0.00	27.63 -0.65 0.00	33.66 -1.44 0.00	34.11 -1.53 0.00	34.79 -1.64 0.00	35.13 -2.24 2.58	36.30 -2.39 1.86	37.05 -2.79 4.50	37.98 -2.67 3.04	41.32 -2.94 2.46	39.95 -3.11 0.18	42.22 -3.35 0.36	44.72 -2.60 0.01	51.98 -2.91 0.00	49.14 -2.53 0.00	44.05 -1.41 0.00	41.54 -1.20 0.00	39.91 -1.19 0.00	36.75 -1.73 0.00	34.54 -1.67 0.00
CHATEAUG_35_KV_LOAD 355732	35.81 0.18 0.00	29.10 -0.06 0.00	25.95 -0.05 0.00	23.95 -0.10 0.00	23.99 -0.14 0.00	28.20 -0.08 0.00	35.56 0.46 0.00	36.14 0.50 0.00	36.86 0.44 0.00	39.67 0.48 0.76	40.49 0.49 0.55	43.55 0.53 1.32	43.32 0.52 0.89	46.60 0.61 0.72	43.67 0.48 0.05	46.23 0.41 0.11	47.81 0.47 0.00	55.39 0.49 0.00	52.29 0.62 0.00	46.05 0.59 0.00	43.42 0.68 0.00	41.81 0.70 0.00	39.18 0.69 0.00	36.86 0.65 0.00
CHATEAUG_WT_PWR 323614	35.77 0.14 0.00	29.05 -0.12 0.00	25.90 -0.10 0.00	23.93 -0.12 0.00	23.97 -0.17 0.00	28.17 -0.11 0.00	35.49 0.39 0.00	36.11 0.46 0.00	36.83 0.40 0.00	39.67 0.48 0.76	40.49 0.49 0.55	43.55 0.53 1.32	43.37 0.57 0.89	46.56 0.56 0.72	43.67 0.48 0.05	46.23 0.41 0.11	47.81 0.47 0.00	55.38 0.49 0.00	52.24 0.57 0.00	46.00 0.55 0.00	43.33 0.60 0.00	41.73 0.62 0.00	39.10 0.61 0.00	36.75 0.54 0.00
CHAT_HIGH_FALL_HYD 323578	35.81 0.18 0.00	29.10 -0.06 0.00	25.95 -0.05 0.00	23.95 -0.10 0.00	23.99 -0.14 0.00	28.20 -0.08 0.00	35.56 0.46 0.00	36.14 0.50 0.00	36.86 0.44 0.00	39.67 0.48 0.76	40.49 0.49 0.55	43.55 0.53 1.32	43.32 0.52 0.89	46.60 0.61 0.72	43.67 0.48 0.05	46.23 0.41 0.11	47.81 0.47 0.00	55.39 0.49 0.00	52.29 0.62 0.00	46.05 0.59 0.00	43.42 0.68 0.00	41.81 0.70 0.00	39.18 0.69 0.00	36.86 0.65 0.00
CHAUTAUQUA___LFGE 323629	35.20 -0.43 0.00	28.93 -0.23 0.00	26.08 0.08 0.00	23.88 -0.17 0.00	24.11 -0.02 0.00	28.11 -0.17 0.00	34.33 -0.77 0.00	34.79 -0.86 0.00	35.48 -0.95 0.00	35.85 -1.52 2.59	37.03 -1.66 1.86	37.84 -1.99 4.51	38.72 -1.92 3.04	42.11 -2.15 2.46	40.72 -2.34 0.18	42.95 -2.62 0.36	45.43 -1.89 0.01	52.81 -2.09 0.00	49.91 -1.76 0.00	44.78 -0.68 0.00	42.26 -0.47 0.00	40.57 -0.54 0.00	37.37 -1.12 0.00	35.09 -1.12 0.00
CHERRYST_13_KV_LD 356241	38.44 2.81 0.00	32.07 2.54 -0.37	28.11 2.11 0.00	26.19 2.14 0.00	26.31 2.17 0.00	30.54 2.26 0.00	37.38 2.28 0.00	38.35 2.71 0.00	39.34 2.91 0.00	41.14 3.48 2.29	42.35 3.45 1.64	44.14 3.77 3.97	44.90 3.89 2.68	48.66 4.11 2.17	47.06 3.98 0.16	49.93 4.32 0.32	51.78 4.45 0.01	60.33 5.43 0.00	56.22 4.55 0.00	49.09 3.64 0.00	45.85 3.12 0.00	44.03 2.92 0.00	41.22 2.73 0.00	38.89 2.68 0.00

CHESTROR_138KV_BK263 355645	37.48 1.85 0.00	31.31 1.81 -0.34	27.51 1.51 0.00	25.56 1.51 0.00	25.66 1.52 0.00	29.89 1.61 0.00	36.57 1.47 0.00	37.36 1.71 0.00	38.25 1.82 0.00	39.88 2.16 2.23	41.06 2.11 1.60	42.68 2.22 3.87	43.39 2.32 2.62	47.12 2.52 2.12	45.51 2.42 0.16	48.33 2.71 0.31	50.07 2.75 0.01	58.29 3.40 0.00	54.51 2.84 0.00	47.73 2.27 0.00	44.70 1.97 0.00	42.92 1.81 0.00	40.18 1.69 0.00	37.87 1.67 0.00
CH_MIDHUDSON___DRP 24192	37.94 2.32 0.00	31.75 2.19 -0.40	27.82 1.82 0.00	25.85 1.80 0.00	25.97 1.83 0.00	30.26 1.98 0.00	37.00 1.90 0.00	37.75 2.10 0.00	38.69 2.26 0.00	40.26 2.60 2.29	41.42 2.51 1.65	43.02 2.66 3.98	43.80 2.80 2.69	47.63 3.08 2.17	46.02 2.94 0.16	48.82 3.21 0.32	50.55 3.22 0.01	58.84 3.95 0.00	55.03 3.36 0.00	48.18 2.73 0.00	45.08 2.35 0.00	43.29 2.18 0.00	40.52 2.04 0.00	38.24 2.03 0.00
CH_MISC_IPPS 23765	38.12 2.49 0.00	31.86 2.30 -0.39	27.93 1.92 0.00	25.92 1.88 0.00	26.04 1.91 0.00	30.34 2.06 0.00	37.14 2.04 0.00	37.93 2.28 0.00	38.83 2.40 0.00	40.39 2.72 2.28	41.59 2.68 1.64	43.13 2.75 3.96	43.85 2.84 2.67	47.82 3.27 2.16	46.20 3.12 0.16	48.96 3.35 0.32	50.69 3.36 0.01	59.01 4.12 0.00	55.23 3.56 0.00	48.37 2.91 0.00	45.34 2.61 0.00	43.37 2.26 0.00	40.72 2.23 0.00	38.34 2.14 0.00
CH_RES_BVR_FALLS 23983	35.63 0.00 0.00	29.04 0.00 0.12	26.00 0.00 0.00	24.02 -0.02 0.00	24.11 -0.02 0.00	28.28 0.00 0.00	35.10 0.00 0.00	35.64 0.00 0.00	36.43 0.00 0.00	37.96 0.00 1.99	39.12 0.00 1.43	40.88 0.00 3.46	41.36 0.00 2.34	44.78 -0.05 1.89	43.06 -0.04 0.14	45.60 -0.05 0.28	47.28 -0.05 0.01	54.84 -0.05 0.00	51.62 -0.05 0.00	45.46 0.00 0.00	42.73 0.00 0.00	41.15 0.04 0.00	38.48 0.00 0.00	36.21 0.00 0.00
CH_RES_NIAGARA 23895	33.31 -2.32 0.00	27.44 -1.72 0.00	24.73 -1.27 0.00	22.63 -1.42 0.00	22.86 -1.28 0.00	26.61 -1.67 0.00	32.29 -2.81 0.00	32.40 -3.24 0.00	33.22 -3.21 0.00	33.13 -4.19 2.62	34.37 -4.30 1.89	34.90 -4.88 4.56	35.67 -4.94 3.08	38.90 -5.33 2.49	37.91 -5.15 0.19	39.96 -5.60 0.37	42.40 -4.92 0.01	49.35 -5.54 0.00	46.81 -4.86 0.00	42.00 -3.45 0.00	39.66 -3.08 0.00	37.74 -3.37 0.00	35.17 -3.31 0.00	32.95 -3.26 0.00
CH_RES_SYRACUSE 23985	35.52 -0.11 0.00	29.25 0.09 0.00	26.16 0.16 0.00	24.09 0.05 0.00	24.21 0.07 0.00	28.37 0.09 0.00	34.89 -0.21 0.00	35.29 -0.36 0.00	36.10 -0.33 0.00	38.89 -0.52 0.54	39.71 -0.45 0.39	43.00 -0.40 0.94	42.62 -0.44 0.64	45.69 -0.51 0.52	42.64 -0.56 0.04	45.25 -0.60 0.08	46.72 -0.62 0.00	54.29 -0.60 0.00	51.20 -0.47 0.00	45.05 -0.41 0.00	42.44 -0.30 0.00	40.82 -0.29 0.00	38.06 -0.42 0.00	35.70 -0.51 0.00
CLINTON_WT_PWR 323605	35.77 0.14 0.00	29.05 -0.12 0.00	25.90 -0.10 0.00	23.93 -0.12 0.00	23.97 -0.17 0.00	28.17 -0.11 0.00	35.49 0.39 0.00	36.11 0.46 0.00	36.83 0.40 0.00	39.67 0.48 0.76	40.49 0.49 0.55	43.55 0.53 1.32	43.37 0.57 0.89	46.56 0.56 0.72	43.67 0.48 0.05	46.23 0.41 0.11	47.81 0.47 0.00	55.38 0.49 0.00	52.24 0.57 0.00	46.00 0.55 0.00	43.33 0.60 0.00	41.73 0.62 0.00	39.10 0.61 0.00	36.75 0.54 0.00
CLINTON___LFGE 323618	36.38 0.75 0.00	29.51 0.35 0.00	26.31 0.31 0.00	24.26 0.22 0.00	24.26 0.12 0.00	28.56 0.28 0.00	36.12 1.02 0.00	36.75 1.11 0.00	37.45 1.02 0.00	40.31 1.12 0.76	41.06 1.05 0.55	44.22 1.20 1.32	44.02 1.22 0.89	47.35 1.36 0.72	44.36 1.17 0.05	46.83 1.01 0.11	48.47 1.13 0.00	56.05 1.15 0.00	52.91 1.24 0.00	46.59 1.14 0.00	43.97 1.24 0.00	42.34 1.23 0.00	39.64 1.15 0.00	37.29 1.09 0.00
COBBLENY_34_KV_TB1 80064	34.59 -1.03 0.00	28.46 -0.70 0.00	25.66 -0.34 0.00	23.45 -0.60 0.00	23.70 -0.43 0.00	27.63 -0.65 0.00	33.66 -1.44 0.00	33.90 -1.75 0.00	34.79 -1.64 0.00	34.93 -2.44 2.58	36.18 -2.51 1.86	36.91 -2.93 4.50	37.72 -2.93 3.04	41.08 -3.18 2.46	39.95 -3.11 0.18	42.12 -3.44 0.36	44.63 -2.70 0.01	51.87 -3.02 0.00	49.14 -2.53 0.00	44.05 -1.41 0.00	41.54 -1.20 0.00	39.55 -1.56 0.00	36.75 -1.73 0.00	34.33 -1.88 0.00
COFFEEN___115KV_TB3 355620	36.84 1.21 0.00	30.00 0.96 0.12	26.94 0.94 0.00	24.74 0.70 0.00	24.98 0.84 0.00	29.41 1.13 0.00	35.87 0.77 0.00	36.43 0.78 0.00	37.08 0.66 0.00	39.11 0.28 1.12	40.23 0.49 0.81	43.06 0.67 1.95	42.59 0.22 1.31	45.89 0.23 1.06	43.38 0.22 0.08	46.05 0.28 0.16	47.33 0.00 0.00	55.33 0.44 0.00	52.75 1.09 0.00	46.82 1.36 0.00	44.48 1.75 0.00	42.88 1.77 0.00	39.79 1.31 0.00	37.15 0.94 0.00
COLDSPRG_115KV_BK1 355956	35.41 -0.21 0.00	29.10 -0.06 0.00	26.24 0.23 0.00	24.00 -0.05 0.00	24.28 0.14 0.00	28.34 0.06 0.00	34.68 -0.42 0.00	35.04 -0.61 0.00	35.95 -0.47 0.00	36.19 -1.20 2.56	37.49 -1.22 1.84	38.28 -1.60 4.47	39.10 -1.57 3.02	42.55 -1.73 2.44	41.29 -1.77 0.18	43.50 -2.07 0.36	46.05 -1.28 0.01	53.52 -1.37 0.00	50.58 -1.09 0.00	45.37 -0.09 0.00	42.78 0.04 0.00	40.78 -0.33 0.00	37.83 -0.65 0.00	35.27 -0.94 0.00
COLONIE_LFGE___ 323577	37.30 1.67 0.00	34.36 1.66 -3.54	27.46 1.46 0.00	25.44 1.39 0.00	25.54 1.40 0.00	29.86 1.58 0.00	36.54 1.44 0.00	36.96 1.32 0.00	37.81 1.38 0.00	38.85 1.40 2.50	40.17 1.42 1.80	41.51 1.51 4.34	42.38 1.62 2.93	46.17 1.82 2.37	44.71 1.64 0.18	47.51 1.93 0.35	49.17 1.84 0.01	57.14 2.25 0.00	53.63 1.96 0.00	47.05 1.59 0.00	44.14 1.41 0.00	42.46 1.35 0.00	39.72 1.23 0.00	37.48 1.27 0.00
COOPERNY_115KV_TB1 80082	36.80 1.18 0.00	30.55 1.17 -0.22	26.99 0.99 0.00	25.03 0.99 0.00	25.13 0.99 0.00	29.36 1.07 0.00	36.01 0.91 0.00	36.71 1.07 0.00	37.56 1.13 0.00	39.21 1.28 2.02	40.35 1.26 1.46	42.20 1.37 3.51	42.72 1.40 2.37	46.34 1.54 1.92	44.57 1.47 0.14	47.30 1.65 0.28	49.03 1.70 0.01	56.98 2.09 0.00	53.48 1.81 0.00	46.96 1.50 0.00	44.01 1.28 0.00	42.26 1.15 0.00	39.52 1.04 0.00	37.22 1.01 0.00
COPENHAGEN_WT_PWR 323753	36.45 0.82 0.00	29.74 0.70 0.12	26.70 0.70 0.00	24.53 0.48 0.00	24.76 0.63 0.00	29.13 0.85 0.00	35.59 0.49 0.00	36.14 0.50 0.00	36.75 0.33 0.00	38.92 0.04 1.07	39.94 0.16 0.77	42.79 0.31 1.86	42.39 -0.04 1.26	45.65 -0.05 1.02	43.13 -0.04 0.08	45.78 0.00 0.15	47.10 -0.24 0.00	54.95 0.05 0.00	52.29 0.62 0.00	46.37 0.91 0.00	43.97 1.24 0.00	42.42 1.32 0.00	39.37 0.89 0.00	36.82 0.61 0.00
CORNELL_____ 23752	36.38 0.75 0.00	29.92 0.76 0.00	26.76 0.75 0.00	24.62 0.58 0.00	24.79 0.65 0.00	29.07 0.79 0.00	35.66 0.56 0.00	36.14 0.50 0.00	36.86 0.44 0.00	37.97 0.12 2.10	39.25 0.20 1.51	41.07 0.27 3.54	41.48 0.17 2.39	44.92 0.14 1.93	43.23 0.13 0.14	45.87 0.23 0.28	47.61 0.28 0.01	55.44 0.55 0.00	52.39 0.72 0.00	46.23 0.77 0.00	43.59 0.85 0.00	41.81 0.70 0.00	38.98 0.50 0.00	36.46 0.25 0.00

CORONA__69_KV_TB1 355595	38.71 3.06 -0.02	32.38 2.83 -0.38	28.42 2.42 0.00	26.47 2.40 -0.02	26.55 2.41 0.00	30.93 2.63 -0.02	37.78 2.67 -0.02	38.62 2.96 -0.02	39.58 3.13 -0.02	41.24 3.56 2.27	57.63 3.65 -13.42	66.47 3.90 -18.22	72.45 3.89 -24.87	64.12 4.16 -13.24	64.87 3.89 -17.73	64.51 4.18 -14.40	80.20 4.36 -28.51	67.67 5.32 -7.46	66.50 4.75 -10.08	76.78 3.86 -27.46	63.41 3.42 -17.26	66.27 3.37 -21.80	52.03 3.16 -10.39	39.21 2.93 -0.07
CORTLAND__115KV_TB3 80093	36.09 0.46 0.00	29.72 0.55 0.00	26.57 0.57 0.00	24.48 0.43 0.00	24.62 0.48 0.00	28.85 0.57 0.00	35.38 0.28 0.00	35.86 0.21 0.00	36.65 0.22 0.00	37.80 -0.04 2.11	39.08 0.04 1.52	40.75 0.04 3.63	41.24 0.00 2.45	44.73 0.00 1.98	43.05 -0.04 0.15	45.64 0.00 0.29	47.42 0.09 0.01	55.11 0.22 0.00	52.03 0.36 0.00	45.91 0.45 0.00	43.25 0.51 0.00	41.48 0.37 0.00	38.72 0.23 0.00	36.24 0.04 0.00
COXSACKIE__GT 23611	37.73 2.10 0.00	32.13 1.43 -1.54	27.56 1.56 0.00	25.49 1.44 0.00	25.58 1.45 0.00	30.01 1.73 0.00	36.85 1.75 0.00	37.29 1.64 0.00	37.99 1.57 0.00	38.90 1.36 2.41	40.00 1.18 1.73	41.14 0.97 4.17	42.05 1.18 2.82	45.74 1.31 2.28	44.37 1.30 0.17	46.74 1.15 0.34	48.46 1.13 0.01	56.48 1.59 0.00	53.22 1.55 0.00	47.05 1.59 0.00	44.57 1.84 0.00	42.79 1.69 0.00	40.18 1.69 0.00	37.69 1.49 0.00
CPV_VALLEY__CC1 323721	37.34 1.71 0.00	31.16 1.66 -0.34	27.38 1.38 0.00	25.46 1.42 0.00	25.58 1.45 0.00	29.78 1.50 0.00	36.40 1.30 0.00	37.21 1.57 0.00	38.10 1.68 0.00	39.63 1.92 2.24	40.85 1.91 1.61	42.45 2.00 3.88	43.12 2.05 2.62	46.98 2.38 2.12	45.38 2.29 0.16	48.14 2.52 0.31	49.93 2.60 0.01	58.07 3.18 0.00	54.35 2.69 0.00	47.55 2.09 0.00	44.49 1.75 0.00	42.63 1.52 0.00	39.98 1.50 0.00	37.66 1.45 0.00
CPV_VALLEY__CC2 323722	37.34 1.71 0.00	31.16 1.66 -0.34	27.38 1.38 0.00	25.46 1.42 0.00	25.58 1.45 0.00	29.78 1.50 0.00	36.40 1.30 0.00	37.21 1.57 0.00	38.10 1.68 0.00	39.63 1.92 2.24	40.85 1.91 1.61	42.45 2.00 3.88	43.12 2.05 2.62	46.98 2.38 2.12	45.38 2.29 0.16	48.14 2.52 0.31	49.93 2.60 0.01	58.07 3.18 0.00	54.35 2.69 0.00	47.55 2.09 0.00	44.49 1.75 0.00	42.63 1.52 0.00	39.98 1.50 0.00	37.66 1.45 0.00
CRESCENT__HYD 24018	37.30 1.67 0.00	34.36 1.66 -3.54	27.46 1.46 0.00	25.44 1.39 0.00	25.54 1.40 0.00	29.86 1.58 0.00	36.54 1.44 0.00	36.96 1.32 0.00	37.81 1.38 0.00	38.85 1.40 2.50	40.17 1.42 1.80	41.51 1.51 4.34	42.38 1.62 2.93	46.17 1.82 2.37	44.71 1.64 0.18	47.51 1.93 0.35	49.17 1.84 0.01	57.14 2.25 0.00	53.63 1.96 0.00	47.05 1.59 0.00	44.14 1.41 0.00	42.46 1.35 0.00	39.72 1.23 0.00	37.48 1.27 0.00
CRICKET__VALLEY_CC1 323756	37.66 2.03 0.00	31.63 1.98 -0.48	27.72 1.72 0.00	25.75 1.71 0.00	25.87 1.74 0.00	30.12 1.84 0.00	36.72 1.62 0.00	37.36 1.71 0.00	38.28 1.86 0.00	39.70 2.08 2.32	40.95 2.07 1.67	42.48 2.17 4.03	43.24 2.27 2.73	47.13 2.61 2.20	45.54 2.46 0.16	48.41 2.80 0.32	50.17 2.84 0.01	58.35 3.46 0.00	54.61 2.94 0.00	47.77 2.32 0.00	44.70 1.97 0.00	42.83 1.73 0.00	40.14 1.65 0.00	37.91 1.70 0.00
CRICKET__VALLEY_CC2 323757	37.66 2.03 0.00	31.63 1.98 -0.48	27.72 1.72 0.00	25.75 1.71 0.00	25.87 1.74 0.00	30.12 1.84 0.00	36.72 1.62 0.00	37.36 1.71 0.00	38.28 1.86 0.00	39.70 2.08 2.32	40.95 2.07 1.67	42.48 2.17 4.03	43.24 2.27 2.73	47.13 2.61 2.20	45.54 2.46 0.16	48.41 2.80 0.32	50.17 2.84 0.01	58.35 3.46 0.00	54.61 2.94 0.00	47.77 2.32 0.00	44.70 1.97 0.00	42.83 1.73 0.00	40.14 1.65 0.00	37.91 1.70 0.00
CRICKET__VALLEY_CC3 323758	37.66 2.03 0.00	31.63 1.98 -0.48	27.72 1.72 0.00	25.75 1.71 0.00	25.87 1.74 0.00	30.12 1.84 0.00	36.72 1.62 0.00	37.36 1.71 0.00	38.28 1.86 0.00	39.70 2.08 2.32	40.95 2.07 1.67	42.48 2.17 4.03	43.24 2.27 2.73	47.13 2.61 2.20	45.54 2.46 0.16	48.41 2.80 0.32	50.17 2.84 0.01	58.35 3.46 0.00	54.61 2.94 0.00	47.77 2.32 0.00	44.70 1.97 0.00	42.83 1.73 0.00	40.14 1.65 0.00	37.91 1.70 0.00
CRUCIBLE__METL_DRP 24180	35.52 -0.11 0.00	29.25 0.09 0.00	26.16 0.16 0.00	24.09 0.05 0.00	24.21 0.07 0.00	28.37 0.08 0.00	34.89 -0.21 0.00	35.25 -0.39 0.00	36.10 -0.33 0.00	38.85 -0.56 0.54	39.71 -0.45 0.39	42.95 -0.44 0.94	42.57 -0.48 0.64	45.64 -0.56 0.52	42.64 -0.56 0.04	45.25 -0.60 0.08	46.72 -0.62 0.00	54.29 -0.60 0.00	51.20 -0.47 0.00	45.05 -0.41 0.00	42.43 -0.30 0.00	40.74 -0.37 0.00	38.06 -0.42 0.00	35.67 -0.54 0.00
DAHOWA__HYDRO 323763	37.66 2.03 0.00	35.50 2.22 -4.13	27.90 1.90 0.00	25.85 1.80 0.00	25.90 1.76 0.00	30.37 2.09 0.00	37.24 2.14 0.00	37.36 1.71 0.00	38.21 1.78 0.00	39.18 1.76 2.52	40.40 1.66 1.81	41.86 1.91 4.39	42.65 1.92 2.96	46.47 2.15 2.40	45.10 2.03 0.18	47.92 2.34 0.35	49.46 2.13 0.01	57.58 2.69 0.00	54.00 2.33 0.00	47.37 1.91 0.00	44.49 1.75 0.00	42.91 1.81 0.00	40.10 1.62 0.00	37.76 1.56 0.00
DANC__LFGE 323619	35.95 0.32 0.00	29.40 0.35 0.12	26.37 0.36 0.00	24.26 0.22 0.00	24.45 0.31 0.00	28.71 0.42 0.00	35.14 0.04 0.00	35.61 -0.04 0.00	36.28 -0.15 0.00	38.72 -0.44 0.80	39.70 -0.28 0.57	42.78 -0.18 1.38	42.36 -0.39 0.93	45.54 -0.42 0.76	42.76 -0.43 0.06	45.36 -0.46 0.11	46.67 -0.66 0.00	54.40 -0.50 0.00	51.62 -0.05 0.00	45.64 0.18 0.00	43.20 0.47 0.00	41.68 0.58 0.00	38.76 0.27 0.00	36.28 0.07 0.00
DANSKAMMER__1 23586	38.12 2.49 0.00	31.86 2.30 -0.39	27.93 1.92 0.00	25.92 1.88 0.00	26.04 1.91 0.00	30.34 2.06 0.00	37.14 2.04 0.00	37.93 2.28 0.00	38.83 2.40 0.00	40.39 2.72 2.28	41.59 2.68 1.64	43.13 2.75 3.96	43.85 2.84 2.67	47.82 3.27 2.16	46.20 3.12 0.16	48.96 3.35 0.32	50.69 3.36 0.01	59.01 4.12 0.00	55.23 3.56 0.00	48.37 2.91 0.00	45.34 2.61 0.00	43.37 2.26 0.00	40.72 2.23 0.00	38.34 2.14 0.00
DANSKAMMER__2 23589	38.12 2.49 0.00	31.86 2.30 -0.39	27.93 1.92 0.00	25.92 1.88 0.00	26.04 1.91 0.00	30.34 2.06 0.00	37.14 2.04 0.00	37.93 2.28 0.00	38.83 2.40 0.00	40.39 2.72 2.28	41.59 2.68 1.64	43.13 2.75 3.96	43.85 2.84 2.67	47.82 3.27 2.16	46.20 3.12 0.16	48.96 3.35 0.32	50.69 3.36 0.01	59.01 4.12 0.00	55.23 3.56 0.00	48.37 2.91 0.00	45.34 2.61 0.00	43.37 2.26 0.00	40.72 2.23 0.00	38.34 2.14 0.00
DANSKAMMER__3 23590	38.12 2.49 0.00	31.86 2.30 -0.39	27.93 1.92 0.00	25.92 1.88 0.00	26.04 1.91 0.00	30.34 2.06 0.00	37.14 2.04 0.00	37.93 2.28 0.00	38.83 2.40 0.00	40.39 2.72 2.28	41.59 2.68 1.64	43.13 2.75 3.96	43.85 2.84 2.67	47.82 3.27 2.16	46.20 3.12 0.16	48.96 3.35 0.32	50.69 3.36 0.01	59.01 4.12 0.00	55.23 3.56 0.00	48.37 2.91 0.00	45.34 2.61 0.00	43.37 2.26 0.00	40.72 2.23 0.00	38.34 2.14 0.00

DANSKAMMER___4 23591	38.12 2.49 0.00	31.86 2.30 -0.39	27.93 1.92 0.00	25.92 1.88 0.00	26.04 1.91 0.00	30.34 2.06 0.00	37.14 2.04 0.00	37.93 2.28 0.00	38.83 2.40 0.00	40.39 2.72 2.28	41.59 2.68 1.64	43.13 2.75 3.96	43.85 2.84 2.67	47.82 3.27 2.16	46.20 3.12 0.16	48.96 3.35 0.32	50.69 3.36 0.01	59.01 4.12 0.00	55.23 3.56 0.00	48.37 2.91 0.00	45.34 2.61 0.00	43.37 2.26 0.00	40.72 2.23 0.00	38.34 2.14 0.00
DANSKAMMER___DIESEL 23592	38.12 2.49 0.00	31.86 2.30 -0.39	27.93 1.92 0.00	25.95 1.90 0.00	26.04 1.91 0.00	30.34 2.06 0.00	37.14 2.04 0.00	37.93 2.28 0.00	38.83 2.40 0.00	40.43 2.76 2.28	41.63 2.72 1.64	43.17 2.79 3.96	43.99 2.97 2.67	47.82 3.27 2.16	46.20 3.11 0.16	48.96 3.35 0.32	50.74 3.41 0.01	59.06 4.17 0.00	55.23 3.57 0.00	48.37 2.91 0.00	45.30 2.56 0.00	43.45 2.34 0.00	40.72 2.23 0.00	38.38 2.17 0.00
DARBY___SOLAR 323810	37.55 1.92 0.00	35.29 2.07 -4.06	27.79 1.79 0.00	25.73 1.68 0.00	25.80 1.66 0.00	30.23 1.95 0.00	37.06 1.96 0.00	37.25 1.61 0.00	38.10 1.68 0.00	39.07 1.64 2.52	40.28 1.54 1.81	41.74 1.78 4.38	42.52 1.79 2.96	46.33 2.01 2.39	44.97 1.90 0.18	47.78 2.20 0.35	49.36 2.03 0.01	57.47 2.58 0.00	53.89 2.22 0.00	47.28 1.82 0.00	44.40 1.66 0.00	42.79 1.69 0.00	39.98 1.50 0.00	37.69 1.49 0.00
DASHVILLE___HYD 23610	38.37 2.74 0.00	32.03 2.22 -0.66	28.06 2.05 0.00	26.07 2.02 0.00	26.19 2.05 0.00	30.51 2.23 0.00	37.35 2.25 0.00	38.10 2.46 0.00	39.05 2.62 0.00	40.62 2.96 2.29	41.78 2.88 1.65	43.25 2.88 3.97	44.11 3.10 2.68	47.96 3.41 2.17	46.33 3.24 0.16	49.01 3.40 0.32	50.59 3.27 0.01	58.90 4.01 0.00	55.08 3.41 0.00	48.27 2.82 0.00	45.25 2.52 0.00	43.41 2.30 0.00	40.68 2.19 0.00	38.38 2.17 0.00
DELAWARE___LFGE 323621	36.73 1.10 0.00	30.70 1.08 -0.46	26.96 0.96 0.00	24.94 0.89 0.00	25.08 0.94 0.00	29.36 1.07 0.00	35.94 0.84 0.00	36.57 0.93 0.00	37.41 0.98 0.00	38.42 0.96 2.49	39.77 1.01 1.79	41.12 1.11 4.32	41.82 1.05 2.92	45.52 1.17 2.36	44.19 1.12 0.18	46.82 1.24 0.35	48.56 1.23 0.01	56.37 1.48 0.00	53.12 1.45 0.00	46.73 1.27 0.00	43.93 1.20 0.00	42.22 1.11 0.00	39.41 0.92 0.00	37.04 0.83 0.00
DERFIELD_115KV_TB7 355931	35.95 0.32 0.00	29.38 0.41 0.19	26.39 0.39 0.00	24.41 0.36 0.00	24.52 0.39 0.00	28.68 0.40 0.00	35.21 0.11 0.00	35.72 0.07 0.00	36.50 0.07 0.00	36.97 0.00 2.98	38.41 0.00 2.14	39.17 0.00 5.17	40.20 0.00 3.49	43.89 0.00 2.82	43.08 0.04 0.21	45.60 0.09 0.42	47.33 0.00 0.01	54.95 0.05 0.00	51.77 0.10 0.00	45.50 0.05 0.00	42.78 0.04 0.00	41.15 0.04 0.00	38.45 -0.04 0.00	36.17 -0.04 0.00
DOGLEVILLE___HYD 23807	35.63 0.00 0.00	29.12 0.15 0.19	26.13 0.13 0.00	24.14 0.10 0.00	24.28 0.14 0.00	28.45 0.17 0.00	34.92 -0.18 0.00	35.40 -0.25 0.00	36.17 -0.25 0.00	36.57 -0.40 2.98	38.05 -0.36 2.14	38.82 -0.35 5.17	39.76 -0.44 3.49	43.43 -0.47 2.82	42.64 -0.39 0.21	45.14 -0.37 0.42	46.85 -0.47 0.01	54.40 -0.49 0.00	51.26 -0.41 0.00	45.05 -0.41 0.00	42.35 -0.38 0.00	40.78 -0.33 0.00	38.02 -0.46 0.00	35.81 -0.40 0.00
DUNKIRK__115KV_TB_200 55889	35.09 -0.53 0.00	28.87 -0.29 0.00	26.05 0.05 0.00	23.81 -0.24 0.00	24.09 -0.05 0.00	28.08 -0.20 0.00	34.26 -0.84 0.00	34.54 -1.10 0.00	35.41 -1.02 0.00	35.60 -1.76 2.59	36.87 -1.82 1.86	37.66 -2.17 4.51	38.46 -2.18 3.05	41.82 -2.43 2.46	40.64 -2.42 0.18	42.76 -2.80 0.36	45.29 -2.04 0.01	52.64 -2.25 0.00	49.86 -1.81 0.00	44.68 -0.77 0.00	42.13 -0.60 0.00	40.16 -0.95 0.00	37.29 -1.19 0.00	34.83 -1.38 0.00
DUNKIRK___1 23563	35.09 -0.53 0.00	28.87 -0.29 0.00	26.05 0.05 0.00	23.81 -0.24 0.00	24.09 -0.05 0.00	28.08 -0.20 0.00	34.26 -0.84 0.00	34.54 -1.10 0.00	35.41 -1.02 0.00	35.60 -1.76 2.59	36.87 -1.82 1.86	37.66 -2.17 4.51	38.46 -2.18 3.05	41.82 -2.43 2.46	40.64 -2.42 0.18	42.76 -2.80 0.36	45.29 -2.04 0.01	52.64 -2.25 0.00	49.86 -1.81 0.00	44.68 -0.77 0.00	42.13 -0.60 0.00	40.16 -0.95 0.00	37.29 -1.19 0.00	34.83 -1.38 0.00
DUNKIRK___2 23564	35.09 -0.53 0.00	28.87 -0.29 0.00	26.05 0.05 0.00	23.81 -0.24 0.00	24.09 -0.05 0.00	28.08 -0.20 0.00	34.26 -0.84 0.00	34.54 -1.10 0.00	35.41 -1.02 0.00	35.60 -1.76 2.59	36.87 -1.82 1.86	37.66 -2.17 4.51	38.46 -2.18 3.05	41.82 -2.43 2.46	40.64 -2.42 0.18	42.76 -2.80 0.36	45.29 -2.04 0.01	52.64 -2.25 0.00	49.86 -1.81 0.00	44.68 -0.77 0.00	42.13 -0.60 0.00	40.16 -0.95 0.00	37.29 -1.19 0.00	34.83 -1.38 0.00
DUNKIRK___3 23565	34.88 -0.75 0.00	28.70 -0.47 0.00	25.87 -0.13 0.00	23.66 -0.38 0.00	23.92 -0.22 0.00	27.88 -0.40 0.00	34.01 -1.09 0.00	34.29 -1.35 0.00	35.15 -1.27 0.00	35.32 -2.04 2.59	36.58 -2.11 1.86	37.34 -2.48 4.52	38.15 -2.49 3.05	41.54 -2.71 2.47	40.34 -2.72 0.18	42.53 -3.03 0.36	45.01 -2.32 0.01	52.31 -2.58 0.00	49.55 -2.12 0.00	44.41 -1.05 0.00	41.88 -0.85 0.00	39.87 -1.23 0.00	37.06 -1.42 0.00	34.62 -1.59 0.00
DUNKIRK___4 23566	34.88 -0.75 0.00	28.70 -0.47 0.00	25.87 -0.13 0.00	23.66 -0.38 0.00	23.92 -0.22 0.00	27.88 -0.40 0.00	34.01 -1.09 0.00	34.29 -1.35 0.00	35.15 -1.27 0.00	35.32 -2.04 2.59	36.58 -2.11 1.86	37.34 -2.48 4.52	38.15 -2.49 3.05	41.54 -2.71 2.47	40.34 -2.72 0.18	42.53 -3.03 0.36	45.01 -2.32 0.01	52.31 -2.58 0.00	49.55 -2.12 0.00	44.41 -1.05 0.00	41.88 -0.85 0.00	39.87 -1.23 0.00	37.06 -1.42 0.00	34.62 -1.59 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	38.12 2.49 0.00	31.81 2.27 -0.37	27.90 1.90 0.00	25.99 1.95 0.00	26.09 1.96 0.00	30.34 2.06 0.00	37.10 2.00 0.00	38.03 2.39 0.00	38.98 2.55 0.00	40.70 3.04 2.29	41.87 2.96 1.64	43.61 3.24 3.97	44.33 3.32 2.68	48.15 3.60 2.17	46.54 3.46 0.16	49.47 3.86 0.32	51.30 3.98 0.01	59.72 4.83 0.00	55.75 4.08 0.00	48.73 3.27 0.00	45.51 2.78 0.00	43.66 2.55 0.00	40.83 2.35 0.00	38.53 2.32 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	37.84 2.21 0.00	31.64 2.10 -0.38	27.74 1.74 0.00	25.78 1.73 0.00	25.87 1.74 0.00	30.15 1.87 0.00	36.89 1.79 0.00	37.68 2.03 0.00	38.61 2.19 0.00	40.21 2.52 2.26	41.36 2.43 1.62	42.99 2.57 3.92	43.75 2.71 2.65	47.52 2.94 2.14	45.90 2.81 0.16	48.69 3.08 0.32	50.45 3.12 0.01	58.68 3.79 0.00	54.87 3.20 0.00	48.09 2.64 0.00	45.04 2.31 0.00	43.20 2.10 0.00	40.45 1.96 0.00	38.16 1.96 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	38.52 2.89 -0.01	32.13 2.60 -0.38	28.19 2.18 -0.01	26.24 2.19 -0.01	26.39 2.24 -0.01	30.60 2.32 0.00	37.24 2.14 0.00	38.07 2.42 0.00	39.01 2.59 0.00	40.86 3.20 2.29	42.03 3.12 1.64	43.74 3.37 3.97	44.42 3.41 2.68	48.15 3.60 2.17	46.54 3.46 0.16	49.33 3.72 0.32	51.12 3.79 0.01	59.55 4.67 0.01	55.54 3.88 0.01	48.55 3.09 0.00	45.38 2.65 0.00	43.86 2.75 0.00	41.29 2.81 0.00	38.97 2.75 -0.01

E179THST_13_KV_LOAD 356214	38.74 3.10 -0.01	32.31 2.77 -0.38	28.32 2.31 -0.01	26.39 2.33 -0.01	26.51 2.37 -0.01	30.74 2.46 0.00	37.45 2.35 0.00	38.28 2.64 0.00	39.23 2.80 0.00	41.10 3.44 2.29	42.27 3.37 1.64	44.05 3.68 3.97	44.68 3.67 2.68	48.43 3.88 2.17	46.84 3.76 0.16	49.65 4.04 0.32	51.45 4.12 0.01	59.93 5.05 0.01	55.90 4.24 0.01	48.87 3.41 0.00	45.64 2.91 0.00	44.11 3.00 0.00	41.52 3.04 0.00	39.19 2.97 -0.01
EAST HAMPTON___GT 23717	39.38 3.67 -0.08	32.54 3.00 -0.38	28.58 2.57 0.00	26.77 2.72 -0.01	26.93 2.80 0.00	31.40 3.11 -0.01	38.51 3.40 -0.01	39.58 3.92 -0.01	40.66 4.15 -0.08	42.86 4.75 1.84	44.20 4.30 0.64	46.06 4.21 2.49	46.78 3.93 0.85	50.73 4.30 0.28	63.23 4.06 -15.92	71.25 4.64 -20.68	82.44 4.73 -30.37	113.20 5.71 -52.60	108.90 5.12 -52.12	66.48 4.27 -16.76	63.70 3.54 -17.43	51.96 3.25 -7.60	42.56 3.39 -0.69	39.77 3.55 -0.01
EAST RIVER___6 23660	38.37 2.74 0.00	31.98 2.45 -0.37	28.06 2.05 0.00	26.11 2.07 0.00	26.23 2.10 0.00	30.46 2.18 0.00	37.24 2.14 0.00	38.21 2.57 0.00	39.19 2.77 0.00	40.90 3.23 2.29	42.15 3.25 1.64	43.83 3.46 3.97	44.51 3.50 2.68	48.52 3.97 2.17	46.84 3.76 0.16	49.69 4.09 0.32	51.50 4.17 0.01	59.94 5.05 0.00	56.01 4.34 0.00	48.91 3.45 0.00	45.72 2.99 0.00	43.82 2.71 0.00	41.14 2.65 0.00	38.78 2.57 0.00
EAST RIVER___7 23524	38.37 2.74 0.00	31.98 2.45 -0.37	28.06 2.05 0.00	26.11 2.07 0.00	26.23 2.10 0.00	30.46 2.18 0.00	37.24 2.14 0.00	38.21 2.57 0.00	39.19 2.77 0.00	40.90 3.23 2.29	42.15 3.25 1.64	43.83 3.46 3.97	44.51 3.50 2.68	48.52 3.97 2.17	46.84 3.76 0.16	49.69 4.09 0.32	51.50 4.17 0.01	59.94 5.05 0.00	56.01 4.34 0.00	48.91 3.45 0.00	45.72 2.99 0.00	43.82 2.71 0.00	41.14 2.65 0.00	38.78 2.57 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	38.02 2.39 0.00	31.75 2.22 -0.37	27.85 1.85 0.00	25.95 1.90 0.00	26.04 1.91 0.00	30.29 2.01 0.00	37.03 1.93 0.00	37.93 2.28 0.00	38.87 2.44 0.00	40.54 2.88 2.29	41.75 2.84 1.64	43.43 3.06 3.97	44.20 3.19 2.68	47.96 3.41 2.17	46.41 3.33 0.16	49.33 3.72 0.32	51.16 3.83 0.01	59.50 4.61 0.00	55.60 3.93 0.00	48.59 3.14 0.00	45.34 2.61 0.00	43.53 2.43 0.00	40.72 2.23 0.00	38.45 2.24 0.00
EAST_HAMPTON___DIESEL 23722	39.30 3.60 -0.08	32.48 2.94 -0.38	28.52 2.52 0.00	26.72 2.67 -0.01	26.91 2.77 0.00	31.37 3.08 -0.01	38.48 3.37 -0.01	39.54 3.89 -0.01	40.62 4.12 -0.08	42.82 4.71 1.84	44.16 4.26 0.64	45.97 4.12 2.49	46.69 3.85 0.85	50.64 4.21 0.28	63.14 3.98 -15.92	71.16 4.55 -20.68	82.30 4.59 -30.37	113.04 5.54 -52.60	108.75 4.96 -52.12	66.39 4.18 -16.76	63.58 3.42 -17.43	51.88 3.17 -7.60	42.44 3.27 -0.69	39.70 3.48 -0.01
EAST_POINT___SOLAR 323840	38.65 3.03 0.00	35.91 2.65 -4.10	28.31 2.31 0.00	26.16 2.12 0.00	26.26 2.12 0.00	30.94 2.66 0.00	37.84 2.74 0.00	37.96 2.32 0.00	38.65 2.22 0.00	39.49 2.08 2.54	40.79 2.07 1.83	42.18 2.26 4.42	42.72 2.01 2.98	46.87 2.57 2.41	45.53 2.46 0.18	48.33 2.76 0.35	50.12 2.79 0.01	58.24 3.35 0.00	54.93 3.26 0.00	48.91 3.45 0.00	46.36 3.63 0.00	44.68 3.57 0.00	41.56 3.08 0.00	38.85 2.64 0.00
EAST_PULASKI___ESR 323781	35.45 -0.18 0.00	29.05 0.00 0.11	26.08 0.08 0.00	24.02 -0.02 0.00	24.16 0.02 0.00	28.31 0.03 0.00	34.71 -0.39 0.00	35.11 -0.53 0.00	35.84 -0.58 0.00	38.94 -0.84 0.17	39.74 -0.69 0.12	43.38 -0.66 0.29	42.71 -0.79 0.20	45.72 -0.84 0.16	42.41 -0.82 0.01	44.99 -0.92 0.02	46.34 -1.00 0.00	53.90 -0.99 0.00	50.95 -0.72 0.00	44.96 -0.50 0.00	42.48 -0.25 0.00	40.94 -0.16 0.00	38.10 -0.38 0.00	35.74 -0.47 0.00
EAST_RIVER___1 323558	38.33 2.71 0.00	31.98 2.45 -0.37	28.03 2.03 0.00	26.11 2.07 0.00	26.21 2.08 0.00	30.46 2.18 0.00	37.28 2.18 0.00	38.21 2.57 0.00	39.19 2.77 0.00	40.90 3.23 2.29	42.11 3.20 1.64	43.83 3.46 3.97	44.51 3.50 2.68	48.47 3.92 2.17	46.84 3.76 0.16	49.65 4.04 0.32	51.50 4.17 0.01	60.00 5.11 0.00	56.01 4.34 0.00	48.91 3.45 0.00	45.68 2.95 0.00	43.78 2.67 0.00	41.10 2.62 0.00	38.74 2.53 0.00
EAST_RIVER___2 323559	38.37 2.74 0.00	31.98 2.45 -0.37	28.06 2.05 0.00	26.11 2.07 0.00	26.23 2.10 0.00	30.46 2.18 0.00	37.24 2.14 0.00	38.21 2.57 0.00	39.19 2.77 0.00	40.90 3.23 2.29	42.15 3.25 1.64	43.83 3.46 3.97	44.51 3.50 2.68	48.52 3.97 2.17	46.84 3.76 0.16	49.69 4.09 0.32	51.50 4.17 0.01	59.94 5.05 0.00	56.01 4.34 0.00	48.91 3.45 0.00	45.72 2.99 0.00	43.82 2.71 0.00	41.14 2.65 0.00	38.78 2.57 0.00
EAST___DELAWARE_HYD 23607	38.05 2.42 0.00	31.75 2.19 -0.40	27.79 1.79 0.00	25.78 1.73 0.00	25.90 1.76 0.00	30.23 1.95 0.00	37.06 1.96 0.00	37.82 2.17 0.00	38.72 2.30 0.00	40.24 2.48 2.18	41.45 2.47 1.57	43.07 2.53 3.79	43.71 2.58 2.56	47.64 2.99 2.07	45.94 2.85 0.16	48.56 2.94 0.30	50.26 2.94 0.01	58.51 3.62 0.00	54.87 3.20 0.00	48.23 2.77 0.00	45.30 2.56 0.00	43.37 2.26 0.00	40.64 2.15 0.00	38.24 2.03 0.00
EIGHT_POINT___WT_PWR 323820	35.91 0.28 0.00	29.54 0.38 0.00	26.55 0.55 0.00	24.36 0.31 0.00	24.55 0.41 0.00	28.73 0.45 0.00	35.10 0.00 0.00	35.61 -0.04 0.00	36.28 -0.15 0.00	36.94 -0.64 2.37	38.12 -0.73 1.71	39.16 -1.02 4.16	39.74 -1.14 2.81	43.09 -1.36 2.27	41.60 -1.47 0.17	44.03 -1.56 0.33	46.05 -1.28 0.01	53.79 -1.10 0.00	51.00 -0.67 0.00	45.46 0.00 0.00	43.07 0.34 0.00	41.36 0.25 0.00	38.29 -0.19 0.00	35.81 -0.40 0.00
ELBRIDGE_115KV_TB2 80188	35.24 -0.39 0.00	29.02 -0.15 0.00	25.95 -0.05 0.00	23.90 -0.14 0.00	24.04 -0.10 0.00	28.14 -0.14 0.00	34.61 -0.49 0.00	34.97 -0.68 0.00	35.77 -0.66 0.00	38.80 -0.88 0.27	39.55 -0.81 0.19	42.99 -0.89 0.46	42.46 -0.92 0.31	45.48 -0.98 0.25	42.27 -0.95 0.02	44.83 -1.06 0.04	46.25 -1.09 0.00	53.74 -1.15 0.00	50.69 -0.98 0.00	44.68 -0.77 0.00	42.09 -0.64 0.00	40.37 -0.74 0.00	37.71 -0.77 0.00	35.38 -0.83 0.00
ELEC_TRO_TEK 24086	38.50 2.85 -0.02	32.20 2.65 -0.38	28.26 2.26 0.00	26.35 2.28 -0.02	26.43 2.29 0.00	30.73 2.43 -0.02	37.54 2.42 -0.02	38.37 2.71 -0.02	39.32 2.88 -0.02	40.96 3.28 2.27	50.23 3.33 -6.35	55.65 3.50 -7.81	59.13 3.78 -11.94	56.51 3.78 -6.01	56.08 3.50 -9.33	57.25 3.81 -7.51	66.41 3.93 -15.15	63.62 4.78 -3.95	61.20 4.19 -5.35	63.44 3.41 -14.58	54.88 2.99 -9.16	55.64 2.96 -11.57	46.81 2.81 -5.51	38.93 2.68 -0.05
ELLENBURG_WT_PWR 323604	35.77 0.14 0.00	29.05 -0.12 0.00	25.90 -0.10 0.00	23.93 -0.12 0.00	23.97 -0.17 0.00	28.17 -0.11 0.00	35.49 0.39 0.00	36.11 0.46 0.00	36.83 0.40 0.00	39.67 0.48 0.76	40.49 0.49 0.55	43.55 0.53 1.32	43.37 0.57 0.89	46.56 0.56 0.72	43.67 0.48 0.05	46.23 0.41 0.11	47.81 0.47 0.00	55.38 0.49 0.00	52.24 0.57 0.00	46.00 0.55 0.00	43.33 0.60 0.00	41.73 0.62 0.00	39.10 0.61 0.00	36.75 0.54 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	34.38 -1.25 0.00	28.29 -0.87 0.00	25.51 -0.49 0.00	23.33 -0.72 0.00	23.58 -0.56 0.00	27.46 -0.82 0.00	33.42 -1.68 0.00	33.61 -2.03 0.00	34.50 -1.93 0.00	34.55 -2.80 2.61	35.84 -2.84 1.88	36.52 -3.28 4.54	37.30 -3.32 3.07	40.64 -3.60 2.48	39.51 -3.55 0.19	41.66 -3.90 0.36	44.16 -3.17 0.01	51.32 -3.57 0.00	48.62 -3.05 0.00	43.59 -1.86 0.00	41.15 -1.58 0.00	39.18 -1.93 0.00	36.44 -2.04 0.00	34.07 -2.14 0.00
EMPIRE_CC_1 323656	36.20 0.57 0.00	30.82 0.73 -0.93	26.62 0.62 0.00	24.70 0.65 0.00	24.79 0.65 0.00	28.96 0.68 0.00	35.38 0.28 0.00	35.96 0.32 0.00	36.79 0.36 0.00	37.86 0.32 2.41	39.10 0.29 1.74	40.42 0.27 4.19	41.21 0.35 2.83	44.80 0.37 2.29	43.51 0.43 0.17	46.05 0.46 0.34	47.75 0.43 0.01	55.38 0.49 0.00	51.98 0.31 0.00	45.68 0.23 0.00	42.82 0.09 0.00	41.23 0.12 0.00	38.60 0.12 0.00	36.39 0.18 0.00
EMPIRE_CC_2 323658	36.20 0.57 0.00	30.82 0.73 -0.93	26.62 0.62 0.00	24.70 0.65 0.00	24.79 0.65 0.00	28.96 0.68 0.00	35.38 0.28 0.00	35.96 0.32 0.00	36.79 0.36 0.00	37.86 0.32 2.41	39.10 0.29 1.74	40.42 0.27 4.19	41.21 0.35 2.83	44.80 0.37 2.29	43.51 0.43 0.17	46.05 0.46 0.34	47.75 0.43 0.01	55.38 0.49 0.00	51.98 0.31 0.00	45.68 0.23 0.00	42.82 0.09 0.00	41.23 0.12 0.00	38.60 0.12 0.00	36.39 0.18 0.00
ENORWICH_115KV_TB1 80156	38.12 2.49 0.00	31.42 2.13 -0.13	28.03 2.03 0.00	25.73 1.68 0.00	25.99 1.86 0.00	30.63 2.35 0.00	37.31 2.21 0.00	37.96 2.32 0.00	38.65 2.22 0.00	39.47 1.84 2.32	40.91 2.03 1.67	42.70 2.35 3.99	43.00 2.01 2.70	46.64 2.10 2.18	45.07 1.99 0.16	47.86 2.25 0.32	49.46 2.13 0.01	57.75 2.85 0.00	54.92 3.26 0.00	48.59 3.14 0.00	45.89 3.16 0.00	44.07 2.96 0.00	40.83 2.35 0.00	38.13 1.92 0.00
ERIE_ST__34_KV_TB1-2 80199	34.63 -1.00 0.00	28.49 -0.67 0.00	25.69 -0.31 0.00	23.49 -0.55 0.00	23.75 -0.39 0.00	27.69 -0.59 0.00	33.77 -1.33 0.00	34.04 -1.60 0.00	34.93 -1.49 0.00	35.08 -2.28 2.59	36.34 -2.35 1.86	37.08 -2.75 4.51	37.93 -2.71 3.05	41.31 -2.94 2.46	40.21 -2.85 0.18	42.44 -3.12 0.36	44.91 -2.41 0.01	52.20 -2.69 0.00	49.40 -2.27 0.00	44.27 -1.18 0.00	41.71 -1.03 0.00	39.71 -1.40 0.00	36.91 -1.58 0.00	34.40 -1.81 0.00
ERIE_WT_PWR 323693	34.59 -1.03 0.00	28.46 -0.70 0.00	25.66 -0.34 0.00	23.47 -0.58 0.00	23.70 -0.43 0.00	27.63 -0.65 0.00	33.63 -1.47 0.00	34.08 -1.57 0.00	34.75 -1.68 0.00	35.08 -2.28 2.59	36.25 -2.43 1.86	36.94 -2.88 4.52	37.89 -2.75 3.05	41.21 -3.04 2.47	39.86 -3.20 0.18	42.12 -3.45 0.36	44.58 -2.75 0.01	51.87 -3.02 0.00	48.98 -2.69 0.00	43.96 -1.50 0.00	41.45 -1.28 0.00	39.83 -1.27 0.00	36.71 -1.77 0.00	34.54 -1.67 0.00
ESPRGFLD_115KV_TB1 80157	37.87 2.24 0.00	33.98 1.92 -2.90	27.72 1.72 0.00	25.61 1.56 0.00	25.73 1.59 0.00	30.26 1.98 0.00	37.07 1.97 0.00	37.61 1.96 0.00	38.39 1.97 0.00	39.31 1.88 2.52	40.68 1.95 1.81	42.13 2.17 4.39	42.78 2.05 2.96	46.61 2.29 2.40	45.23 2.16 0.18	47.96 2.39 0.35	49.74 2.41 0.01	57.80 2.91 0.00	54.61 2.95 0.00	48.18 2.73 0.00	45.42 2.69 0.00	43.70 2.59 0.00	40.68 2.19 0.00	38.06 1.85 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	36.30 0.68 0.00	29.89 0.73 0.00	26.73 0.73 0.00	24.60 0.55 0.00	24.76 0.63 0.00	29.02 0.74 0.00	35.63 0.53 0.00	36.07 0.43 0.00	36.79 0.36 0.00	37.95 0.08 2.08	39.21 0.16 1.50	40.98 0.18 3.54	41.43 0.13 2.39	44.88 0.09 1.93	43.14 0.04 0.14	45.78 0.14 0.28	47.57 0.24 0.01	55.33 0.44 0.00	52.29 0.62 0.00	46.18 0.73 0.00	43.50 0.77 0.00	41.77 0.66 0.00	38.91 0.42 0.00	36.39 0.18 0.00
ETNA____115KV_TB2 80207	36.30 0.68 0.00	29.89 0.73 0.00	26.73 0.73 0.00	24.60 0.55 0.00	24.76 0.63 0.00	29.02 0.74 0.00	35.63 0.53 0.00	36.07 0.43 0.00	36.79 0.36 0.00	37.95 0.08 2.08	39.21 0.16 1.50	40.98 0.18 3.54	41.43 0.13 2.39	44.88 0.09 1.93	43.14 0.04 0.14	45.78 0.14 0.28	47.57 0.24 0.01	55.33 0.44 0.00	52.29 0.62 0.00	46.18 0.73 0.00	43.50 0.77 0.00	41.77 0.66 0.00	38.91 0.42 0.00	36.39 0.18 0.00
EUCLID__115KV_TB2 356179	35.34 -0.29 0.00	28.99 -0.06 0.11	26.03 0.03 0.00	23.97 -0.07 0.00	24.11 -0.02 0.00	28.22 -0.06 0.00	34.68 -0.42 0.00	35.04 -0.61 0.00	35.88 -0.55 0.00	37.62 -0.80 1.54	38.76 -0.69 1.10	40.97 -0.71 2.66	41.15 -0.74 1.80	44.47 -0.79 1.46	42.36 -0.78 0.11	44.89 -0.83 0.21	46.53 -0.80 0.01	54.01 -0.88 0.00	50.95 -0.72 0.00	44.87 -0.59 0.00	42.26 -0.47 0.00	40.57 -0.53 0.00	37.87 -0.62 0.00	35.52 -0.69 0.00
E_CANADA_CAP_HY 24051	38.51 2.88 0.00	35.47 2.51 -3.80	28.19 2.18 0.00	26.07 2.02 0.00	26.16 2.03 0.00	30.80 2.52 0.00	37.73 2.63 0.00	38.03 2.39 0.00	38.76 2.33 0.00	39.65 2.24 2.53	40.96 2.23 1.82	42.41 2.48 4.41	43.11 2.40 2.98	47.11 2.80 2.41	45.70 2.64 0.18	48.52 2.94 0.35	50.26 2.94 0.01	58.46 3.57 0.00	55.13 3.46 0.00	48.77 3.32 0.00	46.02 3.29 0.00	44.40 3.29 0.00	41.33 2.85 0.00	38.67 2.46 0.00
E_CANADA_MHWK_HY 24050	35.59 -0.04 0.00	29.12 0.15 0.19	26.13 0.13 0.00	24.14 0.10 0.00	24.28 0.15 0.00	28.45 0.17 0.00	34.93 -0.17 0.00	35.40 -0.25 0.00	36.17 -0.25 0.00	36.57 -0.40 2.98	38.05 -0.37 2.14	38.81 -0.36 5.17	39.76 -0.44 3.49	43.47 -0.42 2.82	42.64 -0.39 0.21	45.14 -0.37 0.42	46.81 -0.52 0.01	54.40 -0.50 0.00	51.25 -0.42 0.00	45.05 -0.41 0.00	42.35 -0.39 0.00	40.78 -0.33 0.00	38.02 -0.46 0.00	35.81 -0.40 0.00
E_FISHKILL__LBMP 23776	37.73 2.10 0.00	31.52 1.98 -0.38	27.69 1.69 0.00	25.75 1.71 0.00	25.85 1.71 0.00	30.09 1.81 0.00	36.79 1.68 0.00	37.57 1.92 0.00	38.50 2.08 0.00	40.09 2.44 2.30	41.25 2.35 1.65	42.92 2.57 3.99	43.66 2.67 2.70	47.43 2.90 2.18	45.85 2.77 0.16	48.73 3.12 0.32	50.55 3.22 0.01	58.79 3.90 0.00	54.98 3.31 0.00	48.05 2.59 0.00	44.95 2.22 0.00	43.12 2.01 0.00	40.37 1.89 0.00	38.13 1.92 0.00
FALCON__SEABRD_CC1 323796	36.13 0.50 0.00	29.34 0.18 0.00	26.16 0.16 0.00	24.14 0.10 0.00	24.18 0.05 0.00	28.42 0.14 0.00	35.84 0.74 0.00	36.47 0.82 0.00	37.19 0.77 0.00	40.07 0.88 0.76	40.90 0.89 0.55	43.99 0.97 1.32	43.80 1.01 0.89	47.02 1.03 0.72	44.10 0.91 0.05	46.65 0.83 0.11	48.23 0.90 0.00	55.93 1.04 0.00	52.76 1.09 0.00	46.46 1.00 0.00	43.84 1.11 0.00	42.22 1.11 0.00	39.52 1.04 0.00	37.19 0.98 0.00
FALCON__SEABRD_CC2 323797	36.13 0.50 0.00	29.34 0.18 0.00	26.16 0.16 0.00	24.14 0.10 0.00	24.18 0.05 0.00	28.42 0.14 0.00	35.84 0.74 0.00	36.47 0.82 0.00	37.19 0.77 0.00	40.07 0.88 0.76	40.90 0.89 0.55	43.99 0.97 1.32	43.80 1.01 0.89	47.02 1.03 0.72	44.10 0.91 0.05	46.65 0.83 0.11	48.23 0.90 0.00	55.93 1.04 0.00	52.76 1.09 0.00	46.46 1.00 0.00	43.84 1.11 0.00	42.22 1.11 0.00	39.52 1.04 0.00	37.19 0.98 0.00

FAR ROCKAWAY___4 23548	39.35 3.71 -0.02	32.87 3.32 -0.38	28.86 2.86 0.00	26.87 2.81 -0.01	26.96 2.82 0.00	31.38 3.08 -0.01	38.31 3.19 -0.02	39.19 3.53 -0.02	40.19 3.75 -0.01	41.92 4.23 2.27	58.85 4.42 -13.88	68.07 4.83 -18.89	74.24 4.85 -25.70	65.61 5.19 -13.70	66.40 4.89 -18.27	66.10 5.33 -14.84	82.24 5.54 -29.36	69.21 6.64 -7.68	68.05 5.99 -10.38	78.74 5.00 -28.28	64.87 4.36 -17.78	67.79 4.23 -22.45	53.11 3.93 -10.71	39.87 3.58 -0.07
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	38.34 2.71 0.00	31.98 2.45 -0.37	28.03 2.03 0.00	26.11 2.07 0.00	26.21 2.08 0.00	30.46 2.18 0.00	37.28 2.18 0.00	38.21 2.57 0.00	39.20 2.77 0.00	40.98 3.32 2.29	42.19 3.28 1.64	43.96 3.59 3.97	44.68 3.67 2.68	48.47 3.92 2.17	46.84 3.76 0.16	49.70 4.09 0.32	51.54 4.21 0.01	60.05 5.16 0.00	56.01 4.34 0.00	48.91 3.45 0.00	45.72 2.99 0.00	43.94 2.84 0.00	41.14 2.66 0.00	38.82 2.61 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	38.34 2.71 0.00	31.98 2.45 -0.37	28.06 2.05 0.00	26.14 2.09 0.00	26.24 2.10 0.00	30.46 2.18 0.00	37.28 2.18 0.00	38.21 2.57 0.00	39.20 2.77 0.00	40.98 3.32 2.29	42.19 3.28 1.64	43.96 3.59 3.97	44.68 3.67 2.68	48.47 3.92 2.17	46.84 3.76 0.16	49.70 4.09 0.32	51.59 4.26 0.01	60.05 5.16 0.00	56.06 4.39 0.00	48.91 3.45 0.00	45.72 2.99 0.00	43.94 2.84 0.00	41.14 2.66 0.00	38.82 2.61 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	38.30 2.67 0.00	31.95 2.42 -0.37	28.03 2.03 0.00	26.11 2.07 0.00	26.21 2.08 0.00	30.46 2.18 0.00	37.24 2.14 0.00	38.21 2.57 0.00	39.20 2.77 0.00	40.94 3.28 2.29	42.15 3.24 1.64	43.92 3.55 3.97	44.64 3.63 2.68	48.43 3.88 2.17	46.80 3.72 0.16	49.70 4.09 0.32	51.54 4.21 0.01	60.00 5.10 0.00	56.01 4.34 0.00	48.87 3.41 0.00	45.68 2.95 0.00	43.90 2.80 0.00	41.10 2.62 0.00	38.78 2.57 0.00
FARRAGUT___LBMP 323566	38.26 2.64 0.00	31.95 2.42 -0.37	28.00 2.00 0.00	26.09 2.04 0.00	26.19 2.05 0.00	30.43 2.15 0.00	37.24 2.14 0.00	38.18 2.53 0.00	39.16 2.73 0.00	40.90 3.24 2.29	42.11 3.20 1.64	43.87 3.50 3.97	44.59 3.58 2.68	48.38 3.83 2.17	46.76 3.68 0.16	49.60 4.00 0.32	51.45 4.12 0.01	59.94 5.05 0.00	55.96 4.29 0.00	48.82 3.36 0.00	45.64 2.91 0.00	43.86 2.75 0.00	41.06 2.58 0.00	38.74 2.53 0.00
FENNER___WINDPWR 24204	36.45 0.82 0.00	29.95 0.79 0.00	26.76 0.75 0.00	24.67 0.62 0.00	24.81 0.67 0.00	29.10 0.82 0.00	35.66 0.56 0.00	36.21 0.57 0.00	36.97 0.55 0.00	38.13 0.36 2.18	39.43 0.45 1.57	41.15 0.57 3.77	41.58 0.44 2.54	45.17 0.51 2.06	43.52 0.43 0.15	46.13 0.51 0.30	47.80 0.47 0.01	55.60 0.71 0.00	52.55 0.88 0.00	46.32 0.86 0.00	43.63 0.90 0.00	41.97 0.86 0.00	39.06 0.58 0.00	36.64 0.44 0.00
FIBERTEK___ENERGY 23856	35.52 -0.11 0.00	29.25 0.09 0.00	26.16 0.16 0.00	24.09 0.05 0.00	24.21 0.07 0.00	28.37 0.08 0.00	34.89 -0.21 0.00	35.25 -0.39 0.00	36.10 -0.33 0.00	38.85 -0.56 0.54	39.71 -0.45 0.39	42.95 -0.44 0.94	42.57 -0.48 0.64	45.64 -0.56 0.52	42.64 -0.56 0.04	45.25 -0.60 0.08	46.72 -0.62 0.00	54.29 -0.60 0.00	51.20 -0.47 0.00	45.05 -0.41 0.00	42.43 -0.30 0.00	40.74 -0.37 0.00	38.06 -0.42 0.00	35.67 -0.54 0.00
FITZPATRICK___ 23598	34.67 -0.96 0.00	28.42 -0.61 0.12	25.51 -0.49 0.00	23.54 -0.51 0.00	23.65 -0.48 0.00	27.69 -0.60 0.00	34.08 -1.02 0.00	34.40 -1.25 0.00	35.15 -1.28 0.00	30.00 -1.48 8.47	33.00 -1.46 6.09	28.03 -1.59 14.71	32.14 -1.62 9.94	37.00 -1.68 8.04	41.00 -1.64 0.60	43.00 -1.75 1.18	45.50 -1.80 0.04	52.92 -1.97 0.00	49.86 -1.81 0.00	43.96 -1.50 0.00	41.36 -1.37 0.00	39.79 -1.32 0.00	37.10 -1.38 0.00	34.91 -1.30 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	38.19 2.57 0.00	31.92 2.36 -0.39	27.95 1.95 0.00	25.97 1.92 0.00	26.09 1.96 0.00	30.40 2.12 0.00	37.21 2.11 0.00	37.96 2.32 0.00	38.90 2.48 0.00	40.50 2.84 2.28	41.67 2.76 1.64	43.26 2.88 3.97	44.03 3.01 2.68	47.87 3.32 2.17	46.24 3.16 0.16	49.05 3.44 0.32	50.78 3.46 0.01	59.12 4.23 0.00	55.29 3.62 0.00	48.46 3.00 0.00	45.38 2.65 0.00	43.53 2.43 0.00	40.75 2.27 0.00	38.45 2.24 0.00
FORT ORANGE___ 23900	36.41 0.78 0.00	32.08 0.79 -2.13	26.70 0.70 0.00	24.77 0.72 0.00	24.86 0.72 0.00	29.04 0.76 0.00	35.59 0.49 0.00	36.18 0.54 0.00	36.97 0.55 0.00	37.98 0.48 2.45	39.23 0.45 1.77	40.48 0.40 4.25	41.30 0.48 2.87	44.96 0.56 2.32	43.63 0.56 0.17	46.18 0.60 0.34	47.94 0.61 0.01	55.72 0.82 0.00	52.34 0.67 0.00	45.96 0.50 0.00	43.16 0.43 0.00	41.52 0.41 0.00	38.91 0.42 0.00	36.61 0.40 0.00
FORT_DRUM_COGEN 23780	36.55 0.93 0.00	29.77 0.73 0.12	26.76 0.75 0.00	24.58 0.53 0.00	24.81 0.68 0.00	29.19 0.90 0.00	35.66 0.56 0.00	36.22 0.57 0.00	36.86 0.44 0.00	38.89 0.12 1.18	39.99 0.28 0.85	42.69 0.40 2.05	42.35 0.04 1.38	45.65 0.05 1.12	43.20 0.04 0.08	45.81 0.05 0.16	47.14 -0.19 0.01	55.06 0.16 0.00	52.44 0.78 0.00	46.50 1.05 0.00	44.10 1.37 0.00	42.51 1.40 0.00	39.52 1.04 0.00	36.93 0.72 0.00
FOX_HILLS___ESR 323835	38.70 3.06 -0.01	32.28 2.74 -0.38	28.27 2.26 -0.01	26.31 2.26 -0.01	26.41 2.27 -0.01	30.63 2.35 0.00	37.38 2.28 0.00	38.35 2.71 0.00	39.34 2.91 0.00	41.18 3.52 2.29	42.23 3.33 1.64	44.05 3.68 3.97	44.64 3.63 2.68	48.43 3.88 2.17	46.84 3.76 0.16	49.70 4.09 0.32	51.54 4.21 0.01	60.00 5.10 0.00	55.96 4.29 0.00	48.96 3.50 0.00	45.86 3.12 -0.01	44.20 3.08 -0.01	41.46 2.96 -0.01	39.11 2.90 -0.01
FPL_FAR_ROCK_GT1 24212	39.35 3.71 -0.02	32.87 3.32 -0.38	28.86 2.86 0.00	26.87 2.81 -0.01	26.96 2.82 0.00	31.38 3.08 -0.01	38.31 3.19 -0.02	39.19 3.53 -0.02	40.19 3.75 -0.01	41.92 4.23 2.27	58.85 4.42 -13.88	67.98 4.75 -18.89	74.11 4.72 -25.70	65.65 5.23 -13.70	66.40 4.89 -18.27	66.05 5.28 -14.84	82.19 5.49 -29.36	69.16 6.58 -7.68	68.04 5.99 -10.38	78.74 5.00 -28.28	64.87 4.36 -17.78	67.75 4.20 -22.45	53.12 3.93 -10.71	39.79 3.51 -0.07
FPL_FAR_ROCK_GT2 23815	39.35 3.71 -0.02	32.87 3.32 -0.38	28.86 2.86 0.00	26.87 2.81 -0.01	26.96 2.82 0.00	31.38 3.08 -0.01	38.31 3.19 -0.02	39.19 3.53 -0.02	40.19 3.75 -0.01	41.92 4.23 2.27	58.85 4.42 -13.88	67.98 4.75 -18.89	74.11 4.72 -25.70	65.65 5.23 -13.70	66.40 4.89 -18.27	66.05 5.28 -14.84	82.19 5.49 -29.36	69.16 6.58 -7.68	68.04 5.99 -10.38	78.74 5.00 -28.28	64.87 4.36 -17.78	67.75 4.20 -22.45	53.12 3.93 -10.71	39.79 3.51 -0.07
FRANKLIN_FALL_HYD 24054	36.23 0.61 0.00	29.42 0.26 0.00	26.24 0.23 0.00	24.21 0.17 0.00	24.21 0.07 0.00	28.48 0.20 0.00	36.01 0.91 0.00	36.64 1.00 0.00	37.41 0.98 0.00	40.27 1.08 0.76	41.06 1.05 0.55	44.22 1.20 1.32	43.98 1.18 0.89	47.35 1.35 0.72	44.32 1.12 0.05	46.83 1.01 0.11	48.42 1.09 0.00	56.15 1.26 0.00	53.01 1.34 0.00	46.68 1.23 0.00	43.80 1.07 0.00	42.18 1.07 0.00	39.48 1.00 0.00	37.11 0.91 0.00



FREEPORT__GT1 23764	38.78 3.14 -0.01	32.40 2.86 -0.38	28.44 2.44 0.00	26.49 2.43 -0.01	26.57 2.44 0.00	30.92 2.63 -0.01	37.78 2.67 -0.01	38.62 2.96 -0.01	39.57 3.13 -0.01	41.15 3.47 2.27	48.85 3.49 -4.81	53.52 3.64 -5.54	56.44 3.62 -9.13	55.21 4.06 -4.43	54.38 3.63 -7.50	55.88 3.95 -6.00	63.63 4.07 -12.22	63.03 4.94 -3.19	60.38 4.39 -4.32	61.00 3.77 -11.77	53.37 3.25 -7.40	53.57 3.12 -9.34	46.02 3.08 -4.45	39.14 2.90 -0.04
FREEPORT__CT2 23818	38.78 3.14 -0.01	32.40 2.86 -0.38	28.44 2.44 0.00	26.49 2.43 -0.01	26.57 2.44 0.00	30.92 2.63 -0.01	37.78 2.67 -0.01	38.62 2.96 -0.01	39.57 3.13 -0.01	41.15 3.47 2.27	48.85 3.49 -4.81	53.52 3.64 -5.54	56.44 3.62 -9.13	55.21 4.06 -4.43	54.38 3.63 -7.50	55.88 3.95 -6.00	63.63 4.07 -12.22	63.03 4.94 -3.19	60.38 4.39 -4.32	61.00 3.77 -11.77	53.37 3.25 -7.40	53.57 3.12 -9.34	46.02 3.08 -4.45	39.14 2.90 -0.04
FRESHKLS_33_KV_LOAD 356253	38.81 3.17 -0.01	32.37 2.83 -0.38	28.35 2.34 -0.01	26.39 2.33 -0.01	26.49 2.34 -0.01	30.68 2.40 0.00	37.49 2.39 0.00	38.46 2.82 0.00	39.41 2.99 0.00	41.26 3.60 2.29	42.23 3.33 1.64	44.05 3.68 3.97	44.18 3.54 3.05	43.99 3.83 6.56	44.49 3.72 2.47	45.67 4.09 4.35	46.92 4.21 4.63	48.26 5.10 11.74	46.81 4.24 9.10	47.55 3.55 1.45	45.95 3.20 -0.01	44.32 3.21 -0.01	41.57 3.08 -0.01	39.22 3.01 -0.01
FULTON COGEN____ 23766	34.95 -0.68 0.00	28.67 -0.38 0.11	25.72 -0.29 0.00	23.71 -0.34 0.00	23.85 -0.29 0.00	27.91 -0.37 0.00	34.33 -0.77 0.00	34.68 -0.96 0.00	35.44 -0.98 0.00	38.96 -1.20 -0.20	39.56 -1.14 -0.15	43.50 -1.20 -0.35	42.71 -1.22 -0.24	45.60 -1.31 -0.19	42.01 -1.25 -0.01	44.62 -1.33 -0.03	45.97 -1.37 0.00	53.41 -1.48 0.00	50.38 -1.29 0.00	44.37 -1.09 0.00	41.79 -0.94 0.00	40.12 -0.99 0.00	37.48 -1.00 0.00	35.16 -1.05 0.00
FULTON__LFGFE 323630	38.37 2.74 0.00	35.75 2.42 -4.17	28.11 2.11 0.00	25.99 1.95 0.00	26.07 1.93 0.00	30.68 2.40 0.00	37.66 2.56 0.00	38.03 2.39 0.00	38.79 2.37 0.00	39.65 2.24 2.54	40.95 2.23 1.83	42.40 2.48 4.42	43.11 2.40 2.98	47.06 2.76 2.41	45.66 2.59 0.18	48.51 2.94 0.36	50.31 2.98 0.01	58.51 3.62 0.00	55.13 3.46 0.00	48.68 3.23 0.00	45.89 3.16 0.00	44.19 3.08 0.00	41.18 2.69 0.00	38.53 2.32 0.00
G.F.CEMENT__DRP 24184	38.41 2.78 0.00	35.83 2.42 -4.25	28.08 2.08 0.00	25.99 1.95 0.00	26.02 1.88 0.00	30.57 2.29 0.00	37.52 2.42 0.00	38.14 2.50 0.00	38.32 1.89 0.00	39.26 1.84 2.53	40.48 1.74 1.82	41.98 2.04 4.40	42.82 2.10 2.97	46.60 2.29 2.40	45.23 2.16 0.18	48.05 2.48 0.35	49.51 2.18 0.01	57.58 2.69 0.00	53.94 2.27 0.00	47.27 1.82 0.00	44.40 1.67 0.00	43.00 1.89 0.00	40.10 1.62 0.00	37.84 1.63 0.00
GARDENVILLE__LBMP 24039	34.52 -1.10 0.00	28.40 -0.76 0.00	25.61 -0.39 0.00	23.42 -0.63 0.00	23.65 -0.48 0.00	27.57 -0.71 0.00	33.59 -1.51 0.00	33.79 -1.85 0.00	34.64 -1.78 0.00	34.78 -2.60 2.57	36.03 -2.68 1.85	36.76 -3.10 4.48	37.52 -3.15 3.03	40.86 -3.41 2.45	39.73 -3.33 0.18	41.89 -3.67 0.36	44.34 -2.98 0.01	51.60 -3.29 0.00	48.88 -2.79 0.00	43.82 -1.64 0.00	41.37 -1.37 0.00	39.38 -1.73 0.00	36.64 -1.85 0.00	34.25 -1.96 0.00
GARDNVLA_35_KV_LD 355827	34.63 -1.00 0.00	28.49 -0.67 0.00	25.69 -0.31 0.00	23.47 -0.58 0.00	23.73 -0.41 0.00	27.66 -0.62 0.00	33.66 -1.44 0.00	33.90 -1.75 0.00	34.79 -1.64 0.00	34.88 -2.48 2.59	36.17 -2.51 1.86	36.90 -2.93 4.52	37.67 -2.97 3.05	41.03 -3.22 2.47	39.90 -3.16 0.18	42.07 -3.49 0.36	44.58 -2.75 0.01	51.82 -3.07 0.00	49.09 -2.58 0.00	44.00 -1.45 0.00	41.49 -1.24 0.00	39.50 -1.60 0.00	36.75 -1.73 0.00	34.36 -1.85 0.00
GELCKHM__115KV_LOAD 80723	35.41 -0.21 0.00	29.05 0.00 0.11	26.05 0.05 0.00	24.02 -0.02 0.00	24.14 0.00 0.00	28.28 0.00 0.00	34.75 -0.35 0.00	35.11 -0.53 0.00	35.95 -0.47 0.00	38.14 -0.68 1.13	39.13 -0.61 0.82	41.75 -0.62 1.97	41.71 -0.66 1.33	44.94 -0.70 1.07	42.47 -0.69 0.08	45.03 -0.73 0.16	46.58 -0.76 0.01	54.12 -0.77 0.00	51.05 -0.62 0.00	44.96 -0.50 0.00	42.31 -0.43 0.00	40.61 -0.49 0.00	37.91 -0.58 0.00	35.56 -0.65 0.00
GENERAL__MILLS 23808	34.56 -1.07 0.00	28.43 -0.73 0.00	25.64 -0.36 0.00	23.45 -0.60 0.00	23.70 -0.43 0.00	27.60 -0.68 0.00	33.63 -1.47 0.00	33.83 -1.82 0.00	34.72 -1.71 0.00	34.80 -2.56 2.59	36.09 -2.60 1.86	36.81 -3.02 4.52	37.58 -3.06 3.05	40.93 -3.32 2.47	39.82 -3.24 0.18	41.98 -3.58 0.36	44.49 -2.84 0.01	51.71 -3.18 0.00	48.98 -2.69 0.00	43.91 -1.55 0.00	41.41 -1.32 0.00	39.42 -1.69 0.00	36.68 -1.81 0.00	34.29 -1.92 0.00
GE_PLASTICS__DRP 24183	36.30 0.68 0.00	31.59 0.70 -1.73	26.63 0.62 0.00	24.70 0.65 0.00	24.79 0.65 0.00	28.96 0.68 0.00	35.49 0.39 0.00	36.11 0.46 0.00	36.90 0.47 0.00	37.98 0.48 2.45	39.24 0.45 1.76	40.59 0.49 4.24	41.39 0.57 2.86	44.91 0.51 2.32	43.63 0.56 0.17	46.23 0.64 0.34	47.94 0.62 0.01	55.66 0.77 0.00	52.29 0.62 0.00	45.91 0.45 0.00	43.07 0.34 0.00	41.48 0.37 0.00	38.83 0.35 0.00	36.57 0.36 0.00
GILBOA__1 23756	36.55 0.92 0.00	30.25 0.96 -0.13	26.83 0.83 0.00	24.86 0.82 0.00	24.98 0.84 0.00	29.16 0.88 0.00	35.73 0.63 0.00	36.36 0.71 0.00	37.19 0.77 0.00	38.32 0.80 2.43	39.61 0.81 1.75	40.96 0.84 4.22	41.71 0.87 2.85	45.44 1.03 2.31	44.02 0.95 0.17	46.60 1.01 0.34	48.27 0.95 0.01	55.99 1.10 0.00	52.70 1.03 0.00	46.28 0.82 0.00	43.41 0.68 0.00	41.81 0.70 0.00	39.10 0.61 0.00	36.82 0.61 0.00
GILBOA__2 23757	36.55 0.92 0.00	30.25 0.96 -0.13	26.83 0.83 0.00	24.86 0.82 0.00	24.98 0.84 0.00	29.16 0.88 0.00	35.73 0.63 0.00	36.36 0.71 0.00	37.19 0.77 0.00	38.32 0.80 2.43	39.61 0.81 1.75	40.96 0.84 4.22	41.71 0.87 2.85	45.44 1.03 2.31	44.02 0.95 0.17	46.60 1.01 0.34	48.27 0.95 0.01	55.99 1.10 0.00	52.70 1.03 0.00	46.28 0.82 0.00	43.41 0.68 0.00	41.81 0.70 0.00	39.10 0.61 0.00	36.82 0.61 0.00
GILBOA__3 23758	36.55 0.92 0.00	30.25 0.96 -0.13	26.83 0.83 0.00	24.86 0.82 0.00	24.98 0.84 0.00	29.16 0.88 0.00	35.73 0.63 0.00	36.36 0.71 0.00	37.19 0.77 0.00	38.32 0.80 2.43	39.61 0.81 1.75	40.96 0.84 4.22	41.71 0.87 2.85	45.44 1.03 2.31	44.02 0.95 0.17	46.60 1.01 0.34	48.27 0.95 0.01	55.99 1.10 0.00	52.70 1.03 0.00	46.28 0.82 0.00	43.41 0.68 0.00	41.81 0.70 0.00	39.10 0.61 0.00	36.82 0.61 0.00
GILBOA__4 23759	36.55 0.92 0.00	30.25 0.96 -0.13	26.83 0.83 0.00	24.86 0.82 0.00	24.98 0.84 0.00	29.16 0.88 0.00	35.73 0.63 0.00	36.36 0.71 0.00	37.19 0.77 0.00	38.32 0.80 2.43	39.61 0.81 1.75	40.96 0.84 4.22	41.71 0.87 2.85	45.44 1.03 2.31	44.02 0.95 0.17	46.60 1.01 0.34	48.27 0.95 0.01	55.99 1.10 0.00	52.70 1.03 0.00	46.28 0.82 0.00	43.41 0.68 0.00	41.81 0.70 0.00	39.10 0.61 0.00	36.82 0.61 0.00

GILBOA____ 23599	36.55 0.93 0.00	30.25 0.96 -0.13	26.83 0.83 0.00	24.86 0.82 0.00	24.98 0.84 0.00	29.16 0.88 0.00	35.73 0.63 0.00	36.36 0.71 0.00	37.19 0.76 0.00	38.36 0.84 2.43	39.61 0.81 1.75	41.01 0.89 4.22	41.76 0.92 2.85	45.39 0.98 2.31	44.02 0.95 0.17	46.60 1.01 0.34	48.32 0.99 0.01	55.99 1.10 0.00	52.70 1.03 0.00	46.27 0.82 0.00	43.42 0.68 0.00	41.85 0.74 0.00	39.10 0.62 0.00	36.86 0.65 0.00
GINNA____ 23603	33.45 -2.17 0.00	27.53 -1.63 0.00	24.68 -1.33 0.00	22.56 -1.49 0.00	22.76 -1.37 0.00	26.58 -1.70 0.00	32.61 -2.49 0.00	33.08 -2.57 0.00	33.84 -2.59 0.00	34.26 -3.12 2.58	35.53 -3.16 1.85	36.40 -3.46 4.48	37.04 -3.63 3.03	40.44 -3.83 2.45	39.26 -3.81 0.18	41.39 -4.18 0.36	43.26 -4.07 0.01	50.45 -4.44 0.00	47.59 -4.08 0.00	42.36 -3.09 0.00	40.08 -2.65 0.00	38.48 -2.63 0.00	35.60 -2.89 0.00	33.49 -2.72 0.00
GLEN PARK____ 23778	36.73 1.11 0.00	29.95 0.91 0.12	26.89 0.88 0.00	24.70 0.65 0.00	24.93 0.80 0.00	29.35 1.07 0.00	35.80 0.70 0.00	36.39 0.75 0.00	37.01 0.58 0.00	39.06 0.24 1.13	40.15 0.41 0.81	42.96 0.57 1.96	42.50 0.13 1.32	45.79 0.14 1.07	43.34 0.17 0.08	46.00 0.23 0.16	47.29 -0.05 0.00	55.28 0.39 0.00	52.65 0.98 0.00	46.73 1.27 0.00	44.36 1.62 0.00	42.83 1.73 0.00	39.72 1.23 0.00	37.11 0.91 0.00
GLENDALE_27_KV_LOAD 356172	38.59 2.96 -0.01	32.22 2.68 -0.38	28.25 2.24 -0.01	26.31 2.26 -0.01	26.41 2.27 -0.01	30.66 2.38 0.00	37.45 2.35 0.00	38.39 2.74 0.00	39.41 2.99 0.00	41.26 3.60 2.29	42.44 3.53 1.64	44.23 3.86 3.97	44.90 3.89 2.68	48.66 4.11 2.17	47.06 3.98 0.16	49.88 4.27 0.32	51.73 4.40 0.01	60.16 5.27 0.00	56.11 4.44 0.00	49.09 3.64 0.00	45.89 3.16 0.00	44.15 3.04 0.00	41.37 2.89 0.00	39.07 2.86 0.00
GLENWOOD_IC_1_G5 23712	38.53 2.89 -0.02	32.20 2.65 -0.38	28.24 2.24 0.00	26.32 2.26 -0.02	26.38 2.24 0.00	30.70 2.40 -0.02	37.54 2.42 -0.02	38.41 2.74 -0.02	39.36 2.91 -0.02	41.08 3.40 2.27	47.45 3.12 -3.78	51.73 3.37 -4.02	54.38 3.45 -7.24	53.78 3.69 -3.38	53.03 3.50 -6.28	54.78 3.86 -5.00	61.60 3.98 -10.28	62.35 4.78 -2.68	59.43 4.13 -3.62	58.66 3.32 -9.89	51.77 2.82 -6.21	51.67 2.71 -7.85	44.76 2.54 -3.74	38.96 2.72 -0.04
GLENWOOD_IC_2_G1 23688	38.30 2.67 0.00	31.98 2.45 -0.37	28.08 2.08 0.00	26.14 2.09 0.00	26.23 2.10 0.00	30.51 2.23 0.00	37.31 2.21 0.00	38.18 2.53 0.00	39.12 2.70 0.00	40.78 3.12 2.29	42.13 3.08 1.50	43.82 3.24 3.76	44.55 3.28 2.42	48.39 3.69 2.02	46.76 3.50 -0.01	49.56 3.81 0.18	51.53 3.93 -0.27	59.74 4.77 -0.07	55.90 4.14 -0.10	49.04 3.32 -0.27	45.76 2.86 -0.17	43.95 2.63 -0.21	41.12 2.54 -0.10	38.67 2.46 0.00
GLENWOOD_IC_3_G1 23689	38.30 2.67 0.00	31.98 2.45 -0.37	28.08 2.08 0.00	26.14 2.09 0.00	26.23 2.10 0.00	30.51 2.23 0.00	37.31 2.21 0.00	38.18 2.53 0.00	39.12 2.70 0.00	40.78 3.12 2.29	42.13 3.08 1.50	43.82 3.24 3.76	44.55 3.28 2.42	48.39 3.69 2.02	46.76 3.50 -0.01	49.56 3.81 0.18	51.53 3.93 -0.27	59.74 4.77 -0.07	55.90 4.14 -0.10	49.04 3.32 -0.27	45.76 2.86 -0.17	43.95 2.63 -0.21	41.12 2.54 -0.10	38.67 2.46 0.00
GLENWOOD____4 23550	38.53 2.89 -0.02	32.20 2.65 -0.38	28.24 2.24 0.00	26.32 2.26 -0.02	26.38 2.24 0.00	30.70 2.40 -0.02	37.54 2.42 -0.02	38.41 2.74 -0.02	39.36 2.91 -0.02	41.08 3.40 2.27	47.53 3.20 -3.78	51.82 3.46 -4.02	54.47 3.54 -7.24	53.92 3.83 -3.38	53.16 3.63 -6.28	54.92 4.00 -5.00	61.69 4.07 -10.28	62.51 4.94 -2.68	59.58 4.29 -3.62	58.80 3.45 -9.89	51.89 2.95 -6.21	51.79 2.84 -7.85	44.88 2.66 -3.74	38.96 2.72 -0.04
GLENWOOD____5 23614	38.53 2.89 -0.02	32.20 2.65 -0.38	28.24 2.24 0.00	26.32 2.26 -0.02	26.38 2.24 0.00	30.70 2.40 -0.02	37.54 2.42 -0.02	38.41 2.74 -0.02	39.36 2.91 -0.02	41.08 3.40 2.27	47.53 3.20 -3.78	51.82 3.46 -4.02	54.47 3.54 -7.24	53.92 3.83 -3.38	53.16 3.63 -6.28	54.92 4.00 -5.00	61.69 4.07 -10.28	62.51 4.94 -2.68	59.58 4.29 -3.62	58.80 3.45 -9.89	51.89 2.95 -6.21	51.79 2.84 -7.85	44.88 2.66 -3.74	38.96 2.72 -0.04
GLOBAL GREEN_PORT_GT1 23814	39.59 3.88 -0.08	32.72 3.18 -0.38	28.71 2.70 0.00	26.87 2.81 -0.01	27.03 2.90 0.00	31.48 3.19 -0.01	38.59 3.48 -0.01	39.65 3.99 -0.01	40.73 4.22 -0.08	42.86 4.75 1.84	44.33 4.42 0.64	46.24 4.39 2.49	47.08 4.24 0.85	51.06 4.63 0.28	63.53 4.37 -15.92	71.58 4.96 -20.69	82.79 5.07 -30.38	113.60 6.09 -52.62	109.28 5.47 -52.13	66.81 4.59 -16.76	64.01 3.85 -17.43	52.29 3.57 -7.60	42.83 3.66 -0.69	39.92 3.70 -0.01
GLOBE____DSASP 323697	33.21 -2.42 0.00	27.35 -1.81 0.00	24.68 -1.33 0.00	22.56 -1.49 0.00	22.81 -1.33 0.00	26.56 -1.73 0.00	32.19 -2.91 0.00	32.29 -3.35 0.00	33.11 -3.31 0.00	33.05 -4.27 2.62	34.29 -4.38 1.89	34.81 -4.97 4.57	35.58 -5.02 3.08	38.80 -5.42 2.49	37.83 -5.23 0.19	39.87 -5.69 0.37	42.31 -5.02 0.01	49.24 -5.65 0.00	46.71 -4.96 0.00	41.91 -3.55 0.00	39.57 -3.16 0.00	37.65 -3.45 0.00	35.06 -3.43 0.00	32.84 -3.37 0.00
GOETHSLN____LBMP 323567	38.05 2.42 0.00	31.75 2.22 -0.37	27.85 1.85 0.00	25.95 1.90 0.00	26.04 1.91 0.00	30.25 1.98 0.01	37.02 1.93 0.01	37.95 2.32 0.01	38.94 2.51 0.00	40.69 3.04 2.29	41.86 2.96 1.65	43.60 3.24 3.98	43.95 3.32 3.06	43.70 3.55 6.56	44.18 3.42 2.48	45.29 3.72 4.35	46.54 3.83 4.64	47.86 4.72 11.75	46.49 3.93 9.10	47.09 3.09 1.46	45.42 2.69 0.00	43.70 2.59 0.00	40.91 2.42 0.00	38.63 2.43 0.00
GOLAH____69_KV_TB 1_2 80279	35.20 -0.43 0.00	28.96 -0.20 0.00	25.98 -0.03 0.00	23.69 -0.36 0.00	23.94 -0.19 0.00	27.94 -0.34 0.00	34.19 -0.91 0.00	34.47 -1.18 0.00	35.26 -1.17 0.00	35.52 -1.88 2.55	36.85 -1.87 1.83	37.77 -2.13 4.44	38.33 -2.36 3.00	41.86 -2.43 2.42	40.64 -2.42 0.18	42.82 -2.76 0.36	44.87 -2.46 0.01	52.31 -2.58 0.00	49.50 -2.17 0.00	44.27 -1.18 0.00	41.84 -0.90 0.00	39.92 -1.19 0.00	37.10 -1.39 0.00	34.76 -1.45 0.00
GOODYEAR_LAKE_HYD 323669	37.16 1.53 0.00	31.72 1.37 -1.19	27.25 1.25 0.00	25.18 1.13 0.00	25.32 1.18 0.00	29.69 1.41 0.00	36.36 1.26 0.00	37.00 1.35 0.00	37.85 1.42 0.00	38.81 1.36 2.50	40.21 1.46 1.80	41.64 1.64 4.35	42.24 1.49 2.94	45.98 1.64 2.37	44.62 1.56 0.18	47.28 1.70 0.35	49.03 1.70 0.01	56.92 2.03 0.00	53.74 2.07 0.00	47.32 1.86 0.00	44.53 1.79 0.00	42.79 1.69 0.00	39.87 1.39 0.00	37.40 1.19 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	35.91 0.29 0.00	29.57 0.41 0.00	26.44 0.44 0.00	24.38 0.34 0.00	24.55 0.41 0.00	28.70 0.42 0.00	35.17 0.07 0.00	35.68 0.04 0.00	36.50 0.07 0.00	37.25 -0.20 2.50	38.63 -0.12 1.80	39.81 -0.18 4.36	40.53 -0.22 2.94	44.10 -0.23 2.38	42.81 -0.26 0.18	45.30 -0.28 0.35	47.23 -0.09 0.01	54.89 0.00 0.00	51.77 0.10 0.00	45.73 0.27 0.00	43.03 0.30 0.00	41.27 0.16 0.00	38.48 0.00 0.00	36.06 -0.14 0.00

GOUDEY___7 23579	35.91 0.29 0.00	29.57 0.41 0.00	26.44 0.44 0.00	24.38 0.34 0.00	24.55 0.41 0.00	28.70 0.42 0.00	35.17 0.07 0.00	35.68 0.04 0.00	36.50 0.07 0.00	37.25 -0.20 2.50	38.63 -0.12 1.80	39.81 -0.18 4.36	40.53 -0.22 2.94	44.10 -0.23 2.38	42.81 -0.26 0.18	45.30 -0.28 0.35	47.23 -0.09 0.01	54.89 0.00 0.00	51.77 0.10 0.00	45.73 0.27 0.00	43.03 0.30 0.00	41.27 0.16 0.00	38.48 0.00 0.00	36.06 -0.14 0.00
GOUDEY___8 23580	35.91 0.29 0.00	29.57 0.41 0.00	26.44 0.44 0.00	24.38 0.34 0.00	24.55 0.41 0.00	28.70 0.42 0.00	35.17 0.07 0.00	35.68 0.04 0.00	36.50 0.07 0.00	37.25 -0.20 2.50	38.63 -0.12 1.80	39.81 -0.18 4.36	40.53 -0.22 2.94	44.10 -0.23 2.38	42.81 -0.26 0.18	45.30 -0.28 0.35	47.23 -0.09 0.01	54.89 0.00 0.00	51.77 0.10 0.00	45.73 0.27 0.00	43.03 0.30 0.00	41.27 0.16 0.00	38.48 0.00 0.00	36.06 -0.14 0.00
GOWANUS_GT1_1 24077	38.63 2.99 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.24 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.31 2.88 0.00	41.18 3.52 2.29	42.31 3.41 1.64	44.14 3.77 3.97	44.72 3.71 2.68	48.52 3.97 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.64 4.31 0.01	60.11 5.21 0.00	56.06 4.39 0.00	49.00 3.55 0.00	45.86 3.12 -0.01	44.16 3.04 -0.01	41.42 2.92 -0.01	39.08 2.86 -0.01
GOWANUS_GT1_2 24078	38.63 2.99 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.24 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.31 2.88 0.00	41.18 3.52 2.29	42.31 3.41 1.64	44.14 3.77 3.97	44.72 3.71 2.68	48.52 3.97 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.64 4.31 0.01	60.11 5.21 0.00	56.06 4.39 0.00	49.00 3.55 0.00	45.86 3.12 -0.01	44.16 3.04 -0.01	41.42 2.92 -0.01	39.08 2.86 -0.01
GOWANUS_GT1_3 24079	38.63 2.99 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.24 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.31 2.88 0.00	41.18 3.52 2.29	42.31 3.41 1.64	44.14 3.77 3.97	44.72 3.71 2.68	48.52 3.97 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.64 4.31 0.01	60.11 5.21 0.00	56.06 4.39 0.00	49.00 3.55 0.00	45.86 3.12 -0.01	44.16 3.04 -0.01	41.42 2.92 -0.01	39.08 2.86 -0.01
GOWANUS_GT1_4 24080	38.63 2.99 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.24 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.31 2.88 0.00	41.18 3.52 2.29	42.31 3.41 1.64	44.14 3.77 3.97	44.72 3.71 2.68	48.52 3.97 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.64 4.31 0.01	60.11 5.21 0.00	56.06 4.39 0.00	49.00 3.55 0.00	45.86 3.12 -0.01	44.16 3.04 -0.01	41.42 2.92 -0.01	39.08 2.86 -0.01
GOWANUS_GT1_5 24084	38.63 2.99 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.24 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.31 2.88 0.00	41.18 3.52 2.29	42.31 3.41 1.64	44.14 3.77 3.97	44.72 3.71 2.68	48.52 3.97 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.64 4.31 0.01	60.11 5.21 0.00	56.06 4.39 0.00	49.00 3.55 0.00	45.86 3.12 -0.01	44.16 3.04 -0.01	41.42 2.92 -0.01	39.08 2.86 -0.01
GOWANUS_GT1_6 24111	38.63 2.99 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.24 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.31 2.88 0.00	41.18 3.52 2.29	42.31 3.41 1.64	44.14 3.77 3.97	44.72 3.71 2.68	48.52 3.97 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.64 4.31 0.01	60.11 5.21 0.00	56.06 4.39 0.00	49.00 3.55 0.00	45.86 3.12 -0.01	44.16 3.04 -0.01	41.42 2.92 -0.01	39.08 2.86 -0.01
GOWANUS_GT1_7 24112	38.63 2.99 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.24 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.31 2.88 0.00	41.18 3.52 2.29	42.31 3.41 1.64	44.14 3.77 3.97	44.72 3.71 2.68	48.52 3.97 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.64 4.31 0.01	60.11 5.21 0.00	56.06 4.39 0.00	49.00 3.55 0.00	45.86 3.12 -0.01	44.16 3.04 -0.01	41.42 2.92 -0.01	39.08 2.86 -0.01
GOWANUS_GT1_8 24113	38.63 2.99 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.24 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.31 2.88 0.00	41.18 3.52 2.29	42.31 3.41 1.64	44.14 3.77 3.97	44.72 3.71 2.68	48.52 3.97 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.64 4.31 0.01	60.11 5.21 0.00	56.06 4.39 0.00	49.00 3.55 0.00	45.86 3.12 -0.01	44.16 3.04 -0.01	41.42 2.92 -0.01	39.08 2.86 -0.01
GOWANUS_GT2_1 24114	38.66 3.03 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.25 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.30 2.88 0.00	41.10 3.44 2.29	42.23 3.33 1.64	44.01 3.64 3.97	44.55 3.54 2.68	48.57 4.02 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.59 4.26 0.01	60.05 5.16 0.00	56.06 4.39 0.00	49.05 3.59 0.00	45.86 3.12 -0.01	44.03 2.92 -0.01	41.42 2.92 -0.01	39.04 2.83 -0.01
GOWANUS_GT2_2 24115	38.66 3.03 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.25 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.30 2.88 0.00	41.10 3.44 2.29	42.23 3.33 1.64	44.01 3.64 3.97	44.55 3.54 2.68	48.57 4.02 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.59 4.26 0.01	60.05 5.16 0.00	56.06 4.39 0.00	49.05 3.59 0.00	45.86 3.12 -0.01	44.03 2.92 -0.01	41.42 2.92 -0.01	39.04 2.83 -0.01
GOWANUS_GT2_3 24116	38.66 3.03 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.25 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.30 2.88 0.00	41.10 3.44 2.29	42.23 3.33 1.64	44.01 3.64 3.97	44.55 3.54 2.68	48.57 4.02 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.59 4.26 0.01	60.05 5.16 0.00	56.06 4.39 0.00	49.05 3.59 0.00	45.86 3.12 -0.01	44.03 2.92 -0.01	41.42 2.92 -0.01	39.04 2.83 -0.01
GOWANUS_GT2_4 24117	38.66 3.03 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.25 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.30 2.88 0.00	41.10 3.44 2.29	42.23 3.33 1.64	44.01 3.64 3.97	44.55 3.54 2.68	48.57 4.02 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.59 4.26 0.01	60.05 5.16 0.00	56.06 4.39 0.00	49.05 3.59 0.00	45.86 3.12 -0.01	44.03 2.92 -0.01	41.42 2.92 -0.01	39.04 2.83 -0.01
GOWANUS_GT2_5 24118	38.66 3.03 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.25 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.30 2.88 0.00	41.10 3.44 2.29	42.23 3.33 1.64	44.01 3.64 3.97	44.55 3.54 2.68	48.57 4.02 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.59 4.26 0.01	60.05 5.16 0.00	56.06 4.39 0.00	49.05 3.59 0.00	45.86 3.12 -0.01	44.03 2.92 -0.01	41.42 2.92 -0.01	39.04 2.83 -0.01

GOWANUS_GT2_6 24119	38.66 3.03 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.25 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.30 2.88 0.00	41.10 3.44 2.29	42.23 3.33 1.64	44.01 3.64 3.97	44.55 3.54 2.68	48.57 4.02 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.59 4.26 0.01	60.05 5.16 0.00	56.06 4.39 0.00	49.05 3.59 0.00	45.86 3.12 -0.01	44.03 2.92 -0.01	41.42 2.92 -0.01	39.04 2.83 -0.01
GOWANUS_GT2_7 24120	38.66 3.03 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.25 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.30 2.88 0.00	41.10 3.44 2.29	42.23 3.33 1.64	44.01 3.64 3.97	44.55 3.54 2.68	48.57 4.02 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.59 4.26 0.01	60.05 5.16 0.00	56.06 4.39 0.00	49.05 3.59 0.00	45.86 3.12 -0.01	44.03 2.92 -0.01	41.42 2.92 -0.01	39.04 2.83 -0.01
GOWANUS_GT2_8 24121	38.66 3.03 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.25 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.30 2.88 0.00	41.10 3.44 2.29	42.23 3.33 1.64	44.01 3.64 3.97	44.55 3.54 2.68	48.57 4.02 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.59 4.26 0.01	60.05 5.16 0.00	56.06 4.39 0.00	49.05 3.59 0.00	45.86 3.12 -0.01	44.03 2.92 -0.01	41.42 2.92 -0.01	39.04 2.83 -0.01
GOWANUS_GT3_1 24122	38.66 3.03 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.25 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.30 2.88 0.00	41.10 3.44 2.29	42.23 3.33 1.64	44.01 3.64 3.97	44.55 3.54 2.68	48.57 4.02 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.59 4.26 0.01	60.05 5.16 0.00	56.06 4.39 0.00	49.05 3.59 0.00	45.86 3.12 -0.01	44.03 2.92 -0.01	41.42 2.92 -0.01	39.04 2.83 -0.01
GOWANUS_GT3_2 24123	38.66 3.03 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.25 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.30 2.88 0.00	41.10 3.44 2.29	42.23 3.33 1.64	44.01 3.64 3.97	44.55 3.54 2.68	48.57 4.02 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.59 4.26 0.01	60.05 5.16 0.00	56.06 4.39 0.00	49.05 3.59 0.00	45.86 3.12 -0.01	44.03 2.92 -0.01	41.42 2.92 -0.01	39.04 2.83 -0.01
GOWANUS_GT3_3 24124	38.66 3.03 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.25 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.30 2.88 0.00	41.10 3.44 2.29	42.23 3.33 1.64	44.01 3.64 3.97	44.55 3.54 2.68	48.57 4.02 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.59 4.26 0.01	60.05 5.16 0.00	56.06 4.39 0.00	49.05 3.59 0.00	45.86 3.12 -0.01	44.03 2.92 -0.01	41.42 2.92 -0.01	39.04 2.83 -0.01
GOWANUS_GT3_4 24125	38.66 3.03 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.25 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.30 2.88 0.00	41.10 3.44 2.29	42.23 3.33 1.64	44.01 3.64 3.97	44.55 3.54 2.68	48.57 4.02 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.59 4.26 0.01	60.05 5.16 0.00	56.06 4.39 0.00	49.05 3.59 0.00	45.86 3.12 -0.01	44.03 2.92 -0.01	41.42 2.92 -0.01	39.04 2.83 -0.01
GOWANUS_GT3_5 24126	38.66 3.03 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.25 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.30 2.88 0.00	41.10 3.44 2.29	42.23 3.33 1.64	44.01 3.64 3.97	44.55 3.54 2.68	48.57 4.02 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.59 4.26 0.01	60.05 5.16 0.00	56.06 4.39 0.00	49.05 3.59 0.00	45.86 3.12 -0.01	44.03 2.92 -0.01	41.42 2.92 -0.01	39.04 2.83 -0.01
GOWANUS_GT3_6 24127	38.66 3.03 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.25 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.30 2.88 0.00	41.10 3.44 2.29	42.23 3.33 1.64	44.01 3.64 3.97	44.55 3.54 2.68	48.57 4.02 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.59 4.26 0.01	60.05 5.16 0.00	56.06 4.39 0.00	49.05 3.59 0.00	45.86 3.12 -0.01	44.03 2.92 -0.01	41.42 2.92 -0.01	39.04 2.83 -0.01
GOWANUS_GT3_7 24128	38.66 3.03 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.25 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.30 2.88 0.00	41.10 3.44 2.29	42.23 3.33 1.64	44.01 3.64 3.97	44.55 3.54 2.68	48.57 4.02 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.59 4.26 0.01	60.05 5.16 0.00	56.06 4.39 0.00	49.05 3.59 0.00	45.86 3.12 -0.01	44.03 2.92 -0.01	41.42 2.92 -0.01	39.04 2.83 -0.01
GOWANUS_GT3_8 24129	38.66 3.03 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.25 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.30 2.88 0.00	41.10 3.44 2.29	42.23 3.33 1.64	44.01 3.64 3.97	44.55 3.54 2.68	48.57 4.02 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.59 4.26 0.01	60.05 5.16 0.00	56.06 4.39 0.00	49.05 3.59 0.00	45.86 3.12 -0.01	44.03 2.92 -0.01	41.42 2.92 -0.01	39.04 2.83 -0.01
GOWANUS_GT4_1 24130	38.63 2.99 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.24 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.31 2.88 0.00	41.18 3.52 2.29	42.31 3.41 1.64	44.14 3.77 3.97	44.72 3.71 2.68	48.52 3.97 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.64 4.31 0.01	60.11 5.21 0.00	56.06 4.39 0.00	49.00 3.55 0.00	45.86 3.12 -0.01	44.16 3.04 -0.01	41.42 2.92 -0.01	39.08 2.86 -0.01
GOWANUS_GT4_2 24131	38.63 2.99 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.24 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.31 2.88 0.00	41.18 3.52 2.29	42.31 3.41 1.64	44.14 3.77 3.97	44.72 3.71 2.68	48.52 3.97 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.64 4.31 0.01	60.11 5.21 0.00	56.06 4.39 0.00	49.00 3.55 0.00	45.86 3.12 -0.01	44.16 3.04 -0.01	41.42 2.92 -0.01	39.08 2.86 -0.01
GOWANUS_GT4_3 24132	38.63 2.99 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.24 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.31 2.88 0.00	41.18 3.52 2.29	42.31 3.41 1.64	44.14 3.77 3.97	44.72 3.71 2.68	48.52 3.97 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.64 4.31 0.01	60.11 5.21 0.00	56.06 4.39 0.00	49.00 3.55 0.00	45.86 3.12 -0.01	44.16 3.04 -0.01	41.42 2.92 -0.01	39.08 2.86 -0.01
GOWANUS_GT4_4 24133	38.63 2.99 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.24 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.31 2.88 0.00	41.18 3.52 2.29	42.31 3.41 1.64	44.14 3.77 3.97	44.72 3.71 2.68	48.52 3.97 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.64 4.31 0.01	60.11 5.21 0.00	56.06 4.39 0.00	49.00 3.55 0.00	45.86 3.12 -0.01	44.16 3.04 -0.01	41.42 2.92 -0.01	39.08 2.86 -0.01

GOWANUS_GT4_5 24134	38.63 2.99 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.24 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.31 2.88 0.00	41.18 3.52 2.29	42.31 3.41 1.64	44.14 3.77 3.97	44.72 3.71 2.68	48.52 3.97 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.64 4.31 0.01	60.11 5.21 0.00	56.06 4.39 0.00	49.00 3.55 0.00	45.86 3.12 -0.01	44.16 3.04 -0.01	41.42 2.92 -0.01	39.08 2.86 -0.01
GOWANUS_GT4_6 24135	38.63 2.99 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.24 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.31 2.88 0.00	41.18 3.52 2.29	42.31 3.41 1.64	44.14 3.77 3.97	44.72 3.71 2.68	48.52 3.97 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.64 4.31 0.01	60.11 5.21 0.00	56.06 4.39 0.00	49.00 3.55 0.00	45.86 3.12 -0.01	44.16 3.04 -0.01	41.42 2.92 -0.01	39.08 2.86 -0.01
GOWANUS_GT4_7 24136	38.63 2.99 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.24 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.31 2.88 0.00	41.18 3.52 2.29	42.31 3.41 1.64	44.14 3.77 3.97	44.72 3.71 2.68	48.52 3.97 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.64 4.31 0.01	60.11 5.21 0.00	56.06 4.39 0.00	49.00 3.55 0.00	45.86 3.12 -0.01	44.16 3.04 -0.01	41.42 2.92 -0.01	39.08 2.86 -0.01
GOWANUS_GT4_8 24137	38.63 2.99 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.24 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.31 2.88 0.00	41.18 3.52 2.29	42.31 3.41 1.64	44.14 3.77 3.97	44.72 3.71 2.68	48.52 3.97 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.64 4.31 0.01	60.11 5.21 0.00	56.06 4.39 0.00	49.00 3.55 0.00	45.86 3.12 -0.01	44.16 3.04 -0.01	41.42 2.92 -0.01	39.08 2.86 -0.01
GREATVR_69_KV_BK1 356245	39.42 3.74 -0.05	32.81 3.27 -0.38	28.78 2.78 0.00	26.92 2.86 -0.01	26.94 2.80 0.00	31.32 3.03 -0.01	38.30 3.19 -0.01	39.26 3.60 -0.01	40.16 3.68 -0.05	42.05 4.11 2.02	44.25 4.01 0.31	46.41 4.08 2.00	47.56 4.11 0.24	50.87 4.44 0.29	57.82 4.24 -10.33	63.54 4.64 -12.98	71.69 4.78 -19.58	92.50 5.76 -31.85	88.47 5.12 -31.69	61.10 4.27 -11.37	57.68 3.68 -11.27	50.34 3.62 -5.61	43.13 3.73 -0.92	39.81 3.58 -0.01
GREENBSH_115KV_TB3 55895	36.20 0.57 0.00	32.01 0.64 -2.21	26.55 0.55 0.00	24.65 0.60 0.00	24.72 0.58 0.00	28.87 0.59 0.00	35.38 0.28 0.00	36.00 0.36 0.00	36.79 0.36 0.00	37.85 0.36 2.46	39.07 0.28 1.77	40.39 0.31 4.26	41.20 0.39 2.88	44.72 0.33 2.33	43.46 0.39 0.17	46.04 0.46 0.34	47.80 0.47 0.01	55.50 0.60 0.00	52.08 0.41 0.00	45.68 0.23 0.00	42.90 0.17 0.00	41.31 0.21 0.00	38.64 0.15 0.00	36.43 0.22 0.00
GREENDGE_115KV_TB5 80291	36.30 0.68 0.00	29.86 0.70 0.00	26.78 0.78 0.00	24.58 0.53 0.00	24.76 0.63 0.00	29.07 0.79 0.00	35.63 0.53 0.00	36.07 0.43 0.00	36.86 0.44 0.00	37.98 -0.04 1.93	39.20 0.04 1.39	40.44 -0.49 3.41	40.82 -0.57 2.30	44.15 -0.70 1.86	42.37 -0.74 0.14	45.01 -0.64 0.27	46.24 -1.09 0.01	53.90 -0.99 0.00	51.05 -0.62 0.00	45.23 -0.23 0.00	42.73 0.00 0.00	40.86 -0.25 0.00	38.33 -0.15 0.00	35.77 -0.43 0.00
GREENIDGE___3 23582	36.30 0.68 0.00	29.86 0.70 0.00	26.78 0.78 0.00	24.58 0.53 0.00	24.76 0.63 0.00	29.07 0.79 0.00	35.63 0.53 0.00	36.07 0.43 0.00	36.86 0.44 0.00	37.98 -0.04 1.93	39.20 0.04 1.39	40.44 -0.49 3.41	40.82 -0.57 2.30	44.15 -0.70 1.86	42.37 -0.74 0.14	45.01 -0.64 0.27	46.24 -1.09 0.01	53.90 -0.99 0.00	51.05 -0.62 0.00	45.23 -0.23 0.00	42.73 0.00 0.00	40.86 -0.25 0.00	38.33 -0.15 0.00	35.77 -0.43 0.00
GREENIDGE___4 23583	36.30 0.68 0.00	29.86 0.70 0.00	26.78 0.78 0.00	24.60 0.55 0.00	24.76 0.63 0.00	29.07 0.79 0.00	35.63 0.53 0.00	36.14 0.50 0.00	36.87 0.44 0.00	38.02 0.00 1.93	39.25 0.08 1.39	40.97 0.04 3.41	40.86 -0.52 2.30	44.24 -0.61 1.86	42.37 -0.74 0.14	45.01 -0.64 0.27	46.24 -1.09 0.01	53.96 -0.93 0.00	51.05 -0.62 0.00	45.28 -0.18 0.00	42.78 0.04 0.00	41.03 -0.08 0.00	38.33 -0.15 0.00	35.88 -0.33 0.00
GREENLWN_69_KV_BK 3 55738	38.79 3.17 0.01	32.31 2.77 -0.38	28.37 2.37 0.00	26.46 2.40 -0.01	26.53 2.39 0.00	30.83 2.55 -0.01	37.67 2.56 -0.01	38.54 2.89 -0.01	39.26 2.84 0.01	41.06 3.48 2.37	43.23 3.12 0.44	45.38 3.24 2.20	46.49 3.28 0.48	49.14 3.55 1.13	44.72 3.46 1.99	46.15 3.72 3.50	47.15 3.74 3.93	48.66 4.56 10.79	45.26 4.03 10.44	47.62 3.23 1.06	43.42 2.86 2.18	44.38 2.88 -0.40	42.24 2.92 -0.83	39.12 2.90 -0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	38.63 2.99 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.24 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.31 2.88 0.00	41.18 3.52 2.29	42.31 3.41 1.64	44.14 3.77 3.97	44.72 3.71 2.68	48.52 3.97 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.64 4.31 0.01	60.11 5.21 0.00	56.06 4.39 0.00	49.00 3.55 0.00	45.86 3.12 -0.01	44.16 3.04 -0.01	41.42 2.92 -0.01	39.08 2.86 -0.01
GRISSOM___SOLAR 323813	38.19 2.57 0.00	35.68 2.28 -4.24	27.98 1.98 0.00	25.87 1.83 0.00	25.97 1.83 0.00	30.54 2.26 0.00	37.45 2.35 0.00	37.89 2.25 0.00	38.65 2.22 0.00	39.53 2.12 2.54	40.83 2.11 1.83	42.22 2.30 4.42	42.98 2.27 2.99	46.92 2.61 2.41	45.53 2.46 0.18	48.33 2.76 0.36	50.12 2.79 0.01	58.30 3.40 0.00	54.87 3.20 0.00	48.41 2.95 0.00	45.60 2.86 0.00	43.90 2.80 0.00	40.95 2.47 0.00	38.34 2.14 0.00
GROVEVILLE___HYD 323602	38.19 2.57 0.00	31.92 2.36 -0.39	27.95 1.95 0.00	25.97 1.92 0.00	26.09 1.96 0.00	30.40 2.12 0.00	37.21 2.11 0.00	37.96 2.32 0.00	38.90 2.48 0.00	40.50 2.84 2.28	41.67 2.76 1.64	43.26 2.88 3.97	44.03 3.01 2.68	47.87 3.32 2.17	46.24 3.16 0.16	49.05 3.44 0.32	50.78 3.46 0.01	59.12 4.23 0.00	55.29 3.62 0.00	48.46 3.00 0.00	45.38 2.65 0.00	43.53 2.43 0.00	40.75 2.27 0.00	38.45 2.24 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	35.52 -0.11 0.00	29.25 0.09 0.00	26.16 0.16 0.00	24.09 0.05 0.00	24.21 0.07 0.00	28.37 0.08 0.00	34.89 -0.21 0.00	35.25 -0.39 0.00	36.10 -0.33 0.00	38.85 -0.56 0.54	39.71 -0.45 0.39	42.95 -0.44 0.94	42.57 -0.48 0.64	45.64 -0.56 0.52	42.64 -0.56 0.04	45.25 -0.60 0.08	46.72 -0.62 0.00	54.29 -0.60 0.00	51.20 -0.47 0.00	45.05 -0.41 0.00	42.43 -0.30 0.00	40.74 -0.37 0.00	38.06 -0.42 0.00	35.67 -0.54 0.00
HAMLTNNY_34_KV_TB 80303	35.52 -0.11 0.00	29.25 0.09 0.00	26.16 0.16 0.00	24.07 0.02 0.00	24.21 0.07 0.00	28.37 0.08 0.00	34.89 -0.21 0.00	35.25 -0.39 0.00	36.10 -0.33 0.00	38.88 -0.60 0.47	39.68 -0.53 0.34	42.99 -0.53 0.82	42.52 -0.61 0.55	45.61 -0.65 0.45	42.52 -0.69 0.03	45.13 -0.73 0.07	46.53 -0.80 0.00	54.07 -0.82 0.00	51.00 -0.67 0.00	44.96 -0.50 0.00	42.39 -0.34 0.00	40.66 -0.45 0.00	37.95 -0.54 0.00	35.56 -0.65 0.00

HAMPSHIRE___PAPER_HYD 323593	35.66 0.04 0.00	28.99 -0.06 0.11	25.98 -0.03 0.00	23.90 -0.14 0.00	24.06 -0.07 0.00	28.25 -0.03 0.00	35.00 -0.10 0.00	35.57 -0.07 0.00	36.21 -0.22 0.00	38.16 -0.40 1.40	39.22 -0.33 1.00	41.65 -0.26 2.42	41.44 -0.61 1.64	44.69 -0.70 1.32	42.58 -0.56 0.10	45.05 -0.69 0.19	46.48 -0.85 0.01	54.18 -0.72 0.00	51.41 -0.26 0.00	45.46 0.00 0.00	43.12 0.38 0.00	41.64 0.53 0.00	38.95 0.46 0.00	36.46 0.26 0.00
HARDSCRABBLE_WT_PWR 323673	35.70 0.07 0.00	29.21 0.23 0.19	26.21 0.21 0.00	24.24 0.19 0.00	24.35 0.22 0.00	28.53 0.25 0.00	35.03 -0.07 0.00	35.50 -0.14 0.00	36.32 -0.11 0.00	36.74 -0.24 2.98	38.21 -0.20 2.14	38.95 -0.22 5.17	39.94 -0.26 3.49	43.66 -0.23 2.82	42.82 -0.22 0.21	45.33 -0.18 0.42	47.00 -0.33 0.01	54.56 -0.33 0.00	51.41 -0.26 0.00	45.23 -0.23 0.00	42.48 -0.25 0.00	40.90 -0.20 0.00	38.14 -0.35 0.00	35.92 -0.29 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	37.80 2.17 0.00	31.55 2.04 -0.34	27.72 1.72 0.00	25.78 1.73 0.00	25.87 1.74 0.00	30.15 1.87 0.00	36.86 1.76 0.00	37.68 2.03 0.00	38.61 2.19 0.00	40.27 2.56 2.24	41.41 2.47 1.61	43.07 2.62 3.89	43.82 2.75 2.63	47.58 2.99 2.12	45.98 2.90 0.16	48.69 3.08 0.31	50.50 3.17 0.01	58.79 3.90 0.00	54.98 3.31 0.00	48.18 2.73 0.00	45.13 2.39 0.00	43.29 2.18 0.00	40.52 2.04 0.00	38.20 1.99 0.00
HARSNRAD_115KV_TB1 81005	34.10 -1.53 0.00	28.05 -1.11 0.00	25.33 -0.68 0.00	23.13 -0.91 0.00	23.39 -0.75 0.00	27.23 -1.05 0.00	33.06 -2.04 0.00	33.22 -2.42 0.00	34.06 -2.37 0.00	34.04 -3.32 2.60	35.32 -3.37 1.87	35.96 -3.86 4.52	36.70 -3.93 3.06	39.99 -4.25 2.47	38.91 -4.15 0.19	41.02 -4.55 0.36	43.49 -3.83 0.01	50.61 -4.28 0.00	48.00 -3.67 0.00	43.09 -2.36 0.00	40.68 -2.05 0.00	38.72 -2.38 0.00	36.06 -2.42 0.00	33.75 -2.46 0.00
HARZA MOOSE___RIVER 24016	36.48 0.86 0.00	29.74 0.73 0.15	26.70 0.70 0.00	24.60 0.55 0.00	24.79 0.65 0.00	29.10 0.82 0.00	35.66 0.56 0.00	36.25 0.61 0.00	36.97 0.55 0.00	38.09 0.32 2.18	39.43 0.45 1.57	41.14 0.58 3.78	41.44 0.31 2.55	45.03 0.37 2.06	43.44 0.35 0.15	46.04 0.41 0.30	47.61 0.28 0.01	55.44 0.55 0.00	52.50 0.83 0.00	46.37 0.91 0.00	43.80 1.07 0.00	42.18 1.07 0.00	39.25 0.77 0.00	36.79 0.58 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	35.45 -0.18 0.00	29.08 0.03 0.11	26.11 0.10 0.00	24.05 0.00 0.00	24.18 0.05 0.00	28.31 0.03 0.00	34.78 -0.32 0.00	35.18 -0.46 0.00	35.99 -0.44 0.00	37.56 -0.64 1.75	38.72 -0.57 1.26	40.72 -0.58 3.04	41.03 -0.61 2.05	44.40 -0.65 1.66	42.47 -0.65 0.12	44.99 -0.69 0.24	46.67 -0.66 0.01	54.23 -0.66 0.00	51.10 -0.57 0.00	45.00 -0.45 0.00	42.39 -0.34 0.00	40.70 -0.41 0.00	37.98 -0.50 0.00	35.59 -0.62 0.00
HELLGATE_13_KV_LD 55870	38.63 2.99 -0.01	32.25 2.71 -0.38	28.27 2.26 -0.01	26.34 2.28 -0.01	26.44 2.29 -0.01	30.68 2.40 0.00	37.45 2.35 0.00	38.39 2.74 0.00	39.38 2.95 0.00	41.22 3.56 2.29	42.39 3.49 1.64	44.18 3.81 3.97	44.85 3.84 2.68	48.61 4.06 2.17	46.97 3.89 0.16	49.79 4.18 0.32	51.64 4.31 0.01	60.04 5.16 0.01	56.00 4.34 0.01	49.00 3.55 0.00	45.77 3.03 0.00	44.11 3.00 0.00	41.37 2.89 0.00	39.07 2.86 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	38.63 2.99 -0.01	32.25 2.71 -0.38	28.27 2.26 -0.01	26.34 2.28 -0.01	26.44 2.29 -0.01	30.68 2.40 0.00	37.45 2.35 0.00	38.39 2.74 0.00	39.38 2.95 0.00	41.22 3.56 2.29	42.39 3.49 1.64	44.18 3.81 3.97	44.85 3.84 2.68	48.61 4.06 2.17	46.97 3.89 0.16	49.79 4.18 0.32	51.64 4.31 0.01	60.04 5.16 0.01	56.00 4.34 0.01	49.00 3.55 0.00	45.77 3.03 0.00	44.11 3.00 0.00	41.37 2.89 0.00	39.07 2.86 0.00
HEMPSTEAD____ 23647	38.46 2.81 -0.02	32.14 2.59 -0.38	28.21 2.21 0.00	26.30 2.24 -0.01	26.38 2.25 0.00	30.70 2.40 -0.01	37.50 2.39 -0.01	38.34 2.67 -0.02	39.28 2.84 -0.01	40.88 3.20 2.27	47.62 3.17 -3.91	51.83 3.28 -4.21	54.45 3.28 -7.48	53.92 3.69 -3.51	53.09 3.42 -6.43	54.77 3.72 -5.12	61.65 3.79 -10.52	62.25 4.61 -2.74	59.46 4.08 -3.71	58.90 3.32 -10.12	51.91 2.82 -6.36	51.86 2.71 -8.03	45.00 2.69 -3.83	38.81 2.57 -0.03
HICKLING___1 23621	35.98 0.36 0.00	29.63 0.47 0.00	26.60 0.60 0.00	24.43 0.38 0.00	24.62 0.48 0.00	28.85 0.57 0.00	35.28 0.18 0.00	35.72 0.07 0.00	36.57 0.15 0.00	37.23 -0.36 2.36	38.57 -0.28 1.70	39.70 -0.49 4.16	40.32 -0.57 2.81	43.79 -0.65 2.27	42.34 -0.74 0.17	44.81 -0.78 0.33	46.81 -0.52 0.01	54.51 -0.38 0.00	51.57 -0.10 0.00	45.77 0.32 0.00	43.25 0.51 0.00	41.35 0.25 0.00	38.52 0.04 0.00	35.92 -0.29 0.00
HICKLING___2 23622	35.98 0.36 0.00	29.63 0.47 0.00	26.60 0.60 0.00	24.43 0.38 0.00	24.62 0.48 0.00	28.85 0.57 0.00	35.28 0.18 0.00	35.72 0.07 0.00	36.57 0.15 0.00	37.23 -0.36 2.36	38.57 -0.28 1.70	39.70 -0.49 4.16	40.32 -0.57 2.81	43.79 -0.65 2.27	42.34 -0.74 0.17	44.81 -0.78 0.33	46.81 -0.52 0.01	54.51 -0.38 0.00	51.57 -0.10 0.00	45.77 0.32 0.00	43.25 0.51 0.00	41.35 0.25 0.00	38.52 0.04 0.00	35.92 -0.29 0.00
HIGH FALLS___HY 23754	38.37 2.74 0.00	32.33 2.60 -0.57	28.03 2.03 0.00	26.02 1.97 0.00	26.14 2.00 0.00	30.49 2.21 0.00	37.35 2.25 0.00	38.18 2.53 0.00	39.12 2.70 0.00	40.72 3.04 2.26	41.92 3.00 1.63	43.43 3.02 3.93	44.23 3.19 2.65	48.12 3.55 2.15	46.46 3.37 0.16	49.10 3.49 0.32	50.78 3.46 0.01	59.17 4.28 0.00	55.34 3.67 0.00	48.59 3.14 0.00	45.60 2.86 0.00	43.66 2.55 0.00	40.91 2.42 0.00	38.53 2.32 0.00
HIGH_RIVER___SOLAR 323847	37.34 1.71 0.00	35.25 1.60 -4.49	27.40 1.40 0.00	25.37 1.32 0.00	25.44 1.30 0.00	29.83 1.55 0.00	36.57 1.47 0.00	36.96 1.32 0.00	37.74 1.31 0.00	38.61 1.20 2.54	39.94 1.22 1.83	41.20 1.29 4.43	41.97 1.27 2.99	45.70 1.40 2.42	44.45 1.38 0.18	47.18 1.61 0.36	48.98 1.66 0.01	56.98 2.09 0.00	53.63 1.96 0.00	47.28 1.82 0.00	44.49 1.75 0.00	42.83 1.73 0.00	39.98 1.50 0.00	37.55 1.34 0.00
HILLBURN___GT 23639	37.84 2.21 0.00	31.61 2.10 -0.35	27.74 1.74 0.00	25.83 1.78 0.00	25.92 1.79 0.00	30.18 1.90 0.00	36.89 1.79 0.00	37.75 2.10 0.00	38.65 2.22 0.00	40.29 2.60 2.25	41.49 2.56 1.62	43.14 2.71 3.91	43.80 2.75 2.64	47.76 3.18 2.14	46.11 3.03 0.16	48.92 3.31 0.31	50.74 3.41 0.01	59.06 4.17 0.00	55.18 3.52 0.00	48.28 2.82 0.00	45.17 2.43 0.00	43.20 2.10 0.00	40.52 2.04 0.00	38.20 1.99 0.00
HILLSIDE_115KV_TB1 80332	35.34 -0.29 0.00	29.10 -0.06 0.00	26.11 0.10 0.00	24.02 -0.02 0.00	24.21 0.07 0.00	28.31 0.03 0.00	34.64 -0.46 0.00	35.07 -0.57 0.00	35.92 -0.51 0.00	36.60 -0.96 2.39	37.90 -0.93 1.72	39.00 -1.15 4.19	39.68 -1.18 2.83	43.12 -1.31 2.29	41.78 -1.30 0.17	44.21 -1.38 0.34	46.24 -1.09 0.01	53.79 -1.10 0.00	50.79 -0.88 0.00	45.05 -0.41 0.00	42.48 -0.26 0.00	40.61 -0.49 0.00	37.83 -0.65 0.00	35.38 -0.83 0.00

HISHELDN_WT_PWR 323625	34.70 -0.93 0.00	28.55 -0.61 0.00	25.72 -0.29 0.00	23.57 -0.48 0.00	23.77 -0.36 0.00	27.74 -0.54 0.00	33.80 -1.30 0.00	34.22 -1.43 0.00	34.86 -1.57 0.00	35.26 -2.16 2.53	36.42 -2.31 1.82	37.17 -2.75 4.42	38.00 -2.71 2.99	41.31 -2.99 2.41	39.95 -3.11 0.18	42.22 -3.35 0.36	44.53 -2.79 0.01	51.87 -3.02 0.00	49.09 -2.58 0.00	43.96 -1.50 0.00	41.58 -1.15 0.00	39.91 -1.19 0.00	36.87 -1.61 0.00	34.65 -1.56 0.00
HOLTSVILLE_IC_1 23690	38.98 3.28 -0.08	32.40 2.86 -0.38	28.42 2.42 0.00	26.53 2.48 -0.01	26.62 2.49 0.00	30.92 2.63 -0.01	37.85 2.74 -0.01	38.79 3.14 -0.01	39.67 3.17 -0.08	41.61 3.52 1.85	43.17 3.28 0.66	45.06 3.24 2.52	46.00 3.19 0.88	50.05 3.65 0.31	62.22 3.38 -15.60	69.88 3.68 -20.27	80.86 3.74 -29.78	111.01 4.55 -51.57	106.85 4.08 -51.10	65.20 3.32 -16.43	62.68 2.86 -17.09	51.32 2.75 -7.46	42.28 3.12 -0.68	39.19 2.97 -0.01
HOLTSVILLE_IC_10 23699	39.21 3.49 -0.08	32.54 3.00 -0.38	28.55 2.55 0.00	26.65 2.60 -0.01	26.74 2.61 0.00	31.06 2.77 -0.01	38.02 2.91 -0.01	38.97 3.32 -0.01	39.90 3.39 -0.08	41.88 3.75 1.82	43.54 3.57 0.58	45.49 3.55 2.40	46.50 3.54 0.73	50.57 4.02 0.17	63.82 3.76 -16.81	71.81 4.04 -21.84	83.51 4.12 -32.06	115.38 4.99 -55.49	111.15 4.49 -54.98	66.83 3.68 -17.69	64.33 3.21 -18.39	52.18 3.04 -8.03	42.60 3.39 -0.73	39.41 3.19 -0.01
HOLTSVILLE_IC_2 23691	38.98 3.28 -0.08	32.40 2.86 -0.38	28.42 2.42 0.00	26.53 2.48 -0.01	26.62 2.49 0.00	30.92 2.63 -0.01	37.85 2.74 -0.01	38.79 3.14 -0.01	39.67 3.17 -0.08	41.61 3.52 1.85	43.17 3.28 0.66	45.06 3.24 2.52	46.00 3.19 0.88	50.05 3.65 0.31	62.22 3.38 -15.60	69.88 3.68 -20.27	80.86 3.74 -29.78	111.01 4.55 -51.57	106.85 4.08 -51.10	65.20 3.32 -16.43	62.68 2.86 -17.09	51.32 2.75 -7.46	42.28 3.12 -0.68	39.19 2.97 -0.01
HOLTSVILLE_IC_3 23692	38.98 3.28 -0.08	32.40 2.86 -0.38	28.42 2.42 0.00	26.53 2.48 -0.01	26.62 2.49 0.00	30.92 2.63 -0.01	37.85 2.74 -0.01	38.79 3.14 -0.01	39.67 3.17 -0.08	41.61 3.52 1.85	43.17 3.28 0.66	45.06 3.24 2.52	46.00 3.19 0.88	50.05 3.65 0.31	62.22 3.38 -15.60	69.88 3.68 -20.27	80.86 3.74 -29.78	111.01 4.55 -51.57	106.85 4.08 -51.10	65.20 3.32 -16.43	62.68 2.86 -17.09	51.32 2.75 -7.46	42.28 3.12 -0.68	39.19 2.97 -0.01
HOLTSVILLE_IC_4 23693	38.98 3.28 -0.08	32.40 2.86 -0.38	28.42 2.42 0.00	26.53 2.48 -0.01	26.62 2.49 0.00	30.92 2.63 -0.01	37.85 2.74 -0.01	38.79 3.14 -0.01	39.67 3.17 -0.08	41.61 3.52 1.85	43.17 3.28 0.66	45.06 3.24 2.52	46.00 3.19 0.88	50.05 3.65 0.31	62.22 3.38 -15.60	69.88 3.68 -20.27	80.86 3.74 -29.78	111.01 4.55 -51.57	106.85 4.08 -51.10	65.20 3.32 -16.43	62.68 2.86 -17.09	51.32 2.75 -7.46	42.28 3.12 -0.68	39.19 2.97 -0.01
HOLTSVILLE_IC_5 23694	38.98 3.28 -0.08	32.40 2.86 -0.38	28.42 2.42 0.00	26.53 2.48 -0.01	26.62 2.49 0.00	30.92 2.63 -0.01	37.85 2.74 -0.01	38.79 3.14 -0.01	39.67 3.17 -0.08	41.61 3.52 1.85	43.17 3.28 0.66	45.06 3.24 2.52	46.00 3.19 0.88	50.05 3.65 0.31	62.22 3.38 -15.60	69.88 3.68 -20.27	80.86 3.74 -29.78	111.01 4.55 -51.57	106.85 4.08 -51.10	65.20 3.32 -16.43	62.68 2.86 -17.09	51.32 2.75 -7.46	42.28 3.12 -0.68	39.19 2.97 -0.01
HOLTSVILLE_IC_6 23695	39.21 3.49 -0.08	32.54 3.00 -0.38	28.55 2.55 0.00	26.65 2.60 -0.01	26.74 2.61 0.00	31.06 2.77 -0.01	38.02 2.91 -0.01	38.97 3.32 -0.01	39.90 3.39 -0.08	41.88 3.75 1.82	43.54 3.57 0.58	45.49 3.55 2.40	46.50 3.54 0.73	50.57 4.02 0.17	63.82 3.76 -16.81	71.81 4.04 -21.84	83.51 4.12 -32.06	115.38 4.99 -55.49	111.15 4.49 -54.98	66.83 3.68 -17.69	64.33 3.21 -18.39	52.18 3.04 -8.03	42.60 3.39 -0.73	39.41 3.19 -0.01
HOLTSVILLE_IC_7 23696	39.21 3.49 -0.08	32.54 3.00 -0.38	28.55 2.55 0.00	26.65 2.60 -0.01	26.74 2.61 0.00	31.06 2.77 -0.01	38.02 2.91 -0.01	38.97 3.32 -0.01	39.90 3.39 -0.08	41.88 3.75 1.82	43.54 3.57 0.58	45.49 3.55 2.40	46.50 3.54 0.73	50.57 4.02 0.17	63.82 3.76 -16.81	71.81 4.04 -21.84	83.51 4.12 -32.06	115.38 4.99 -55.49	111.15 4.49 -54.98	66.83 3.68 -17.69	64.33 3.21 -18.39	52.18 3.04 -8.03	42.60 3.39 -0.73	39.41 3.19 -0.01
HOLTSVILLE_IC_8 23697	39.21 3.49 -0.08	32.54 3.00 -0.38	28.55 2.55 0.00	26.65 2.60 -0.01	26.74 2.61 0.00	31.06 2.77 -0.01	38.02 2.91 -0.01	38.97 3.32 -0.01	39.90 3.39 -0.08	41.88 3.75 1.82	43.54 3.57 0.58	45.49 3.55 2.40	46.50 3.54 0.73	50.57 4.02 0.17	63.82 3.76 -16.81	71.81 4.04 -21.84	83.51 4.12 -32.06	115.38 4.99 -55.49	111.15 4.49 -54.98	66.83 3.68 -17.69	64.33 3.21 -18.39	52.18 3.04 -8.03	42.60 3.39 -0.73	39.41 3.19 -0.01
HOLTSVILLE_IC_9 23698	39.21 3.49 -0.08	32.54 3.00 -0.38	28.55 2.55 0.00	26.65 2.60 -0.01	26.74 2.61 0.00	31.06 2.77 -0.01	38.02 2.91 -0.01	38.97 3.32 -0.01	39.90 3.39 -0.08	41.88 3.75 1.82	43.54 3.57 0.58	45.49 3.55 2.40	46.50 3.54 0.73	50.57 4.02 0.17	63.82 3.76 -16.81	71.81 4.04 -21.84	83.51 4.12 -32.06	115.38 4.99 -55.49	111.15 4.49 -54.98	66.83 3.68 -17.69	64.33 3.21 -18.39	52.18 3.04 -8.03	42.60 3.39 -0.73	39.41 3.19 -0.01
HOMER_HL_115KV_TB2 355744	34.67 -0.96 0.00	28.55 -0.61 0.00	25.72 -0.29 0.00	23.59 -0.46 0.00	23.82 -0.31 0.00	27.80 -0.48 0.00	33.98 -1.12 0.00	34.36 -1.28 0.00	35.19 -1.24 0.00	35.40 -2.00 2.55	36.65 -2.07 1.83	37.45 -2.44 4.45	38.28 -2.40 3.00	41.67 -2.62 2.43	40.51 -2.55 0.18	42.81 -2.76 0.36	45.24 -2.08 0.01	52.59 -2.31 0.00	49.71 -1.96 0.00	44.50 -0.95 0.00	41.96 -0.77 0.00	40.00 -1.11 0.00	37.10 -1.39 0.00	34.62 -1.59 0.00
HOWARD_WT_PWR 323690	35.95 0.32 0.00	29.54 0.38 0.00	26.57 0.57 0.00	24.36 0.31 0.00	24.55 0.41 0.00	28.76 0.48 0.00	35.14 0.04 0.00	35.61 -0.04 0.00	36.32 -0.11 0.00	36.96 -0.64 2.35	38.17 -0.69 1.69	39.23 -0.98 4.14	39.81 -1.09 2.79	43.15 -1.31 2.26	41.65 -1.43 0.17	44.08 -1.51 0.33	46.10 -1.23 0.01	53.85 -1.04 0.00	51.00 -0.67 0.00	45.50 0.05 0.00	43.12 0.38 0.00	41.40 0.29 0.00	38.33 -0.15 0.00	35.81 -0.40 0.00
HQ_GEN_CEDARS 23644	35.63 0.00 0.00	28.90 -0.26 0.00	25.77 -0.23 0.00	23.81 -0.24 0.00	23.85 -0.29 0.00	28.03 -0.25 0.00	35.42 0.32 0.00	36.04 0.39 0.00	36.65 0.22 0.00	39.53 0.40 0.82	40.37 0.41 0.59	43.36 0.44 1.43	43.08 0.35 0.96	46.36 0.42 0.78	43.53 0.35 0.06	45.90 0.09 0.11	47.48 0.14 0.00	55.00 0.11 0.00	51.88 0.21 0.00	45.82 0.36 0.00	43.16 0.43 0.00	41.68 0.58 0.00	39.10 0.62 0.00	36.68 0.47 0.00
HQ_GEN_CEDARS_PROXY 323590	35.66 0.04 0.00	28.90 -0.26 0.00	25.77 -0.23 0.00	23.81 -0.24 0.00	23.85 -0.29 0.00	28.03 -0.26 0.00	35.42 0.32 0.00	36.04 0.39 0.00	36.65 0.22 0.00	39.53 0.40 0.82	40.37 0.41 0.59	43.36 0.44 1.43	43.12 0.39 0.96	46.17 0.23 0.78	43.49 0.30 0.06	45.90 0.09 0.11	47.48 0.14 0.00	55.00 0.11 0.00	51.88 0.21 0.00	45.78 0.32 0.00	43.16 0.43 0.00	41.68 0.58 0.00	39.10 0.61 0.00	36.68 0.47 0.00

HQ_GEN_IMPORT 323601	35.45 -0.18 0.00	28.84 -0.32 0.00	25.72 -0.29 0.00	23.76 -0.29 0.00	23.82 -0.31 0.00	7.39 -0.28 20.60	55.74 0.04 -20.60	35.72 0.07 0.00	36.46 0.04 0.00	39.63 0.12 0.45	40.35 0.12 0.32	43.70 0.13 0.77	43.30 0.13 0.52	46.39 0.09 0.42	43.30 0.09 0.03	45.91 0.05 0.06	47.43 0.09 0.00	54.89 0.00 0.00	51.72 0.05 0.00	45.50 0.05 0.00	42.82 0.09 0.00	41.23 0.12 0.00	38.68 0.19 0.00	36.35 0.15 0.00
HQ_GEN_WHEEL 23651	35.45 -0.18 0.00	28.84 -0.32 0.00	25.72 -0.29 0.00	23.76 -0.29 0.00	23.82 -0.31 0.00	7.39 -0.28 20.60	55.74 0.04 -20.60	35.72 0.07 0.00	36.46 0.04 0.00	39.63 0.12 0.45	40.35 0.12 0.32	43.70 0.13 0.77	43.30 0.13 0.52	46.39 0.09 0.42	43.30 0.09 0.03	45.91 0.05 0.06	47.43 0.09 0.00	54.89 0.00 0.00	51.72 0.05 0.00	45.50 0.05 0.00	42.82 0.09 0.00	41.23 0.12 0.00	38.68 0.19 0.00	36.35 0.15 0.00
HUDSON AVE_GT_3 23810	38.34 2.71 0.00	31.98 2.45 -0.37	28.06 2.05 0.00	26.11 2.07 0.00	26.24 2.10 0.00	30.46 2.18 0.00	37.28 2.18 0.00	38.21 2.57 0.00	39.20 2.77 0.00	40.98 3.32 2.29	42.19 3.28 1.64	43.96 3.59 3.97	44.68 3.67 2.68	48.47 3.92 2.17	46.89 3.81 0.16	49.74 4.13 0.32	51.59 4.26 0.01	60.11 5.21 0.00	56.06 4.39 0.00	48.96 3.50 0.00	45.72 2.99 0.00	43.94 2.84 0.00	41.14 2.66 0.00	38.82 2.61 0.00
HUDSON AVE_GT_4 23540	38.34 2.71 0.00	31.98 2.45 -0.37	28.06 2.05 0.00	26.11 2.07 0.00	26.24 2.10 0.00	30.46 2.18 0.00	37.28 2.18 0.00	38.21 2.57 0.00	39.20 2.77 0.00	40.98 3.32 2.29	42.19 3.28 1.64	43.96 3.59 3.97	44.68 3.67 2.68	48.47 3.92 2.17	46.89 3.81 0.16	49.74 4.13 0.32	51.59 4.26 0.01	60.11 5.21 0.00	56.06 4.39 0.00	48.96 3.50 0.00	45.72 2.99 0.00	43.94 2.84 0.00	41.14 2.66 0.00	38.82 2.61 0.00
HUDSON AVE_GT_5 23657	38.34 2.71 0.00	31.98 2.45 -0.37	28.06 2.05 0.00	26.11 2.07 0.00	26.24 2.10 0.00	30.46 2.18 0.00	37.28 2.18 0.00	38.21 2.57 0.00	39.20 2.77 0.00	40.98 3.32 2.29	42.19 3.28 1.64	43.96 3.59 3.97	44.68 3.67 2.68	48.47 3.92 2.17	46.89 3.81 0.16	49.74 4.13 0.32	51.59 4.26 0.01	60.11 5.21 0.00	56.06 4.39 0.00	48.96 3.50 0.00	45.72 2.99 0.00	43.94 2.84 0.00	41.14 2.66 0.00	38.82 2.61 0.00
HUDSON_AVE_10 24168	38.23 2.60 0.00	31.92 2.39 -0.37	27.98 1.98 0.00	26.07 2.02 0.00	26.16 2.03 0.00	30.40 2.12 0.00	37.21 2.11 0.00	38.14 2.50 0.00	39.12 2.70 0.00	40.90 3.24 2.29	42.11 3.20 1.64	43.87 3.50 3.97	44.59 3.58 2.68	48.43 3.88 2.17	46.80 3.72 0.16	49.65 4.04 0.32	51.49 4.17 0.01	60.00 5.10 0.00	55.96 4.29 0.00	48.87 3.41 0.00	45.68 2.95 0.00	43.94 2.84 0.00	41.10 2.62 0.00	38.78 2.57 0.00
HUDSON___115KV_TB 4 355613	37.02 1.39 0.00	32.04 1.08 -1.80	27.09 1.09 0.00	25.10 1.06 0.00	25.20 1.06 0.00	29.47 1.19 0.00	36.15 1.05 0.00	36.71 1.07 0.00	37.45 1.02 0.00	38.48 0.96 2.43	39.65 0.85 1.75	40.97 0.84 4.22	41.80 0.96 2.85	45.39 0.98 2.30	44.11 1.04 0.17	46.64 1.06 0.34	48.42 1.09 0.01	56.32 1.43 0.00	52.96 1.29 0.00	46.59 1.14 0.00	43.89 1.15 0.00	42.22 1.11 0.00	39.52 1.04 0.00	37.15 0.94 0.00
HUNTER MOUNT___DRP 323613	37.23 1.60 0.00	31.72 1.02 -1.54	27.25 1.25 0.00	25.22 1.18 0.00	25.29 1.16 0.00	29.64 1.36 0.00	36.36 1.26 0.00	36.86 1.21 0.00	37.56 1.13 0.00	38.54 1.00 2.41	39.71 0.89 1.73	41.01 0.84 4.17	41.88 1.00 2.82	45.47 1.03 2.28	44.07 0.99 0.17	46.56 0.96 0.34	48.32 0.99 0.01	56.21 1.32 0.00	52.91 1.24 0.00	46.64 1.18 0.00	44.01 1.28 0.00	42.34 1.23 0.00	39.68 1.19 0.00	37.29 1.09 0.00
HUNTINGTON_RES_REC 323705	38.93 3.35 0.04	32.43 2.89 -0.38	28.44 2.44 0.00	26.53 2.48 -0.01	26.60 2.46 0.00	30.95 2.66 -0.01	37.85 2.74 -0.01	38.75 3.10 -0.01	39.45 3.06 0.04	40.96 3.60 2.59	43.31 3.33 0.57	45.32 3.37 2.39	46.34 3.36 0.71	51.61 3.83 -1.06	84.73 3.67 -37.82	99.90 3.90 -50.07	123.48 3.93 -72.21	188.64 4.77 -128.97	183.49 4.29 -127.54	87.66 3.45 -38.75	87.12 3.03 -41.36	41.05 2.83 2.90	42.38 3.16 -0.74	39.23 3.00 -0.01
HUNTLEY___63 23557	34.24 -1.39 0.00	28.17 -0.99 0.00	25.40 -0.60 0.00	23.20 -0.84 0.00	23.46 -0.68 0.00	27.32 -0.96 0.00	33.20 -1.90 0.00	33.36 -2.28 0.00	34.24 -2.19 0.00	34.27 -3.08 2.61	35.56 -3.12 1.87	36.17 -3.64 4.54	36.96 -3.67 3.06	40.31 -3.92 2.48	39.21 -3.85 0.19	41.34 -4.23 0.36	43.82 -3.50 0.01	50.94 -3.95 0.00	48.31 -3.36 0.00	43.32 -2.14 0.00	40.90 -1.84 0.00	38.93 -2.18 0.00	36.21 -2.27 0.00	33.89 -2.32 0.00
HUNTLEY___64 23558	34.24 -1.39 0.00	28.17 -0.99 0.00	25.40 -0.60 0.00	23.20 -0.84 0.00	23.46 -0.68 0.00	27.32 -0.96 0.00	33.20 -1.90 0.00	33.36 -2.28 0.00	34.24 -2.19 0.00	34.27 -3.08 2.61	35.56 -3.12 1.87	36.17 -3.64 4.54	36.96 -3.67 3.06	40.31 -3.92 2.48	39.21 -3.85 0.19	41.34 -4.23 0.36	43.82 -3.50 0.01	50.94 -3.95 0.00	48.31 -3.36 0.00	43.32 -2.14 0.00	40.90 -1.84 0.00	38.93 -2.18 0.00	36.21 -2.27 0.00	33.89 -2.32 0.00
HUNTLEY___65 23559	34.24 -1.39 0.00	28.17 -0.99 0.00	25.40 -0.60 0.00	23.20 -0.84 0.00	23.46 -0.68 0.00	27.32 -0.96 0.00	33.20 -1.90 0.00	33.36 -2.28 0.00	34.24 -2.19 0.00	34.27 -3.08 2.61	35.56 -3.12 1.87	36.17 -3.64 4.54	36.96 -3.67 3.06	40.31 -3.92 2.48	39.21 -3.85 0.19	41.34 -4.23 0.36	43.82 -3.50 0.01	50.94 -3.95 0.00	48.31 -3.36 0.00	43.32 -2.14 0.00	40.90 -1.84 0.00	38.93 -2.18 0.00	36.21 -2.27 0.00	33.89 -2.32 0.00
HUNTLEY___66 23560	34.24 -1.39 0.00	28.17 -0.99 0.00	25.40 -0.60 0.00	23.20 -0.84 0.00	23.46 -0.68 0.00	27.32 -0.96 0.00	33.20 -1.90 0.00	33.36 -2.28 0.00	34.24 -2.19 0.00	34.27 -3.08 2.61	35.56 -3.12 1.87	36.17 -3.64 4.54	36.96 -3.67 3.06	40.31 -3.92 2.48	39.21 -3.85 0.19	41.34 -4.23 0.36	43.82 -3.50 0.01	50.94 -3.95 0.00	48.31 -3.36 0.00	43.32 -2.14 0.00	40.90 -1.84 0.00	38.93 -2.18 0.00	36.21 -2.27 0.00	33.89 -2.32 0.00
HUNTLEY___67 23561	34.13 -1.50 0.00	28.11 -1.05 0.00	25.33 -0.68 0.00	23.16 -0.89 0.00	23.41 -0.72 0.00	27.29 -0.99 0.00	33.17 -1.93 0.00	33.33 -2.32 0.00	34.17 -2.26 0.00	34.22 -3.12 2.61	35.47 -3.20 1.88	36.11 -3.68 4.55	36.90 -3.71 3.07	40.21 -4.02 2.49	39.12 -3.94 0.19	41.29 -4.27 0.37	43.73 -3.60 0.01	50.88 -4.01 0.00	48.21 -3.46 0.00	43.23 -2.23 0.00	40.81 -1.92 0.00	38.85 -2.26 0.00	36.18 -2.31 0.00	33.82 -2.39 0.00
HUNTLEY___68 23562	34.13 -1.50 0.00	28.11 -1.05 0.00	25.33 -0.68 0.00	23.16 -0.89 0.00	23.41 -0.72 0.00	27.29 -0.99 0.00	33.17 -1.93 0.00	33.33 -2.32 0.00	34.17 -2.26 0.00	34.22 -3.12 2.61	35.47 -3.20 1.88	36.11 -3.68 4.55	36.90 -3.71 3.07	40.21 -4.02 2.49	39.12 -3.94 0.19	41.29 -4.27 0.37	43.73 -3.60 0.01	50.88 -4.01 0.00	48.21 -3.46 0.00	43.23 -2.23 0.00	40.81 -1.92 0.00	38.85 -2.26 0.00	36.18 -2.31 0.00	33.82 -2.39 0.00



HYLAND___LFGE 323620	36.48 0.85 0.00	29.98 0.82 0.00	26.96 0.96 0.00	24.55 0.51 0.00	24.79 0.65 0.00	29.01 0.73 0.00	35.45 0.35 0.00	35.64 0.00 0.00	35.92 -0.51 0.00	36.22 -1.28 2.45	37.29 -1.50 1.76	38.20 -1.86 4.27	38.84 -1.97 2.89	42.19 -2.19 2.34	40.95 -2.12 0.17	43.29 -2.30 0.34	45.48 -1.85 0.01	53.46 -1.43 0.00	51.10 -0.57 0.00	46.18 0.73 0.00	44.06 1.33 0.00	42.30 1.19 0.00	38.95 0.46 0.00	36.43 0.22 0.00
INDECK___CORINTH 23802	37.19 1.57 0.00	35.77 2.30 -4.31	28.00 2.00 0.00	25.90 1.85 0.00	25.95 1.81 0.00	30.49 2.21 0.00	37.42 2.32 0.00	36.96 1.32 0.00	37.85 1.42 0.00	38.74 1.32 2.53	39.99 1.26 1.82	41.40 1.46 4.40	42.25 1.53 2.97	46.09 1.77 2.40	44.71 1.64 0.18	47.46 1.88 0.35	48.75 1.42 0.01	56.76 1.87 0.00	53.17 1.50 0.00	46.55 1.09 0.00	43.72 0.98 0.00	42.38 1.28 0.00	39.56 1.08 0.00	37.37 1.16 0.00
INDECK___ILION 23567	35.88 0.25 0.00	29.33 0.35 0.19	26.31 0.31 0.00	24.34 0.29 0.00	24.45 0.31 0.00	28.65 0.37 0.00	35.14 0.04 0.00	35.64 0.00 0.00	36.43 0.00 0.00	36.85 -0.12 2.98	38.33 -0.08 2.14	39.13 -0.04 5.17	40.11 -0.09 3.49	43.80 -0.09 2.82	42.99 -0.04 0.21	45.51 0.00 0.42	47.23 -0.09 0.01	54.84 -0.05 0.00	51.67 0.00 0.00	45.46 0.00 0.00	42.69 -0.04 0.00	41.07 -0.04 0.00	38.33 -0.15 0.00	36.06 -0.14 0.00
INDECK___OLEAN 23982	34.70 -0.93 0.00	28.55 -0.61 0.00	25.72 -0.29 0.00	23.61 -0.43 0.00	23.82 -0.31 0.00	27.80 -0.48 0.00	33.98 -1.12 0.00	34.50 -1.14 0.00	35.19 -1.24 0.00	35.56 -1.84 2.55	36.73 -1.99 1.83	37.54 -2.35 4.45	38.41 -2.27 3.00	41.81 -2.48 2.43	40.51 -2.55 0.18	42.86 -2.71 0.36	45.29 -2.03 0.01	52.64 -2.25 0.00	49.71 -1.96 0.00	44.50 -0.96 0.00	41.96 -0.77 0.00	40.29 -0.82 0.00	37.10 -1.38 0.00	34.76 -1.45 0.00
INDECK___OSWEGO 23783	34.88 -0.75 0.00	28.61 -0.44 0.11	25.66 -0.34 0.00	23.66 -0.39 0.00	23.80 -0.34 0.00	27.86 -0.42 0.00	34.26 -0.84 0.00	34.58 -1.07 0.00	35.34 -1.09 0.00	39.55 -1.32 -0.92	39.96 -1.26 -0.66	44.61 -1.33 -1.60	43.42 -1.35 -1.08	46.14 -1.45 -0.87	41.92 -1.39 -0.07	44.58 -1.47 -0.13	45.83 -1.52 0.00	53.25 -1.65 0.00	50.22 -1.45 0.00	44.23 -1.23 0.00	41.67 -1.07 0.00	40.08 -1.03 0.00	37.37 -1.12 0.00	35.12 -1.09 0.00
INDECK___YERKES 23781	34.27 -1.35 0.00	28.20 -0.96 0.00	25.43 -0.57 0.00	23.25 -0.79 0.00	23.49 -0.65 0.00	27.35 -0.93 0.00	33.24 -1.86 0.00	33.65 -2.00 0.00	34.28 -2.15 0.00	34.55 -2.80 2.61	35.72 -2.96 1.87	36.39 -3.41 4.54	37.30 -3.32 3.06	40.60 -3.64 2.48	39.25 -3.81 0.19	41.48 -4.09 0.36	43.97 -3.36 0.01	51.16 -3.73 0.00	48.31 -3.36 0.00	43.37 -2.09 0.00	40.94 -1.79 0.00	39.34 -1.77 0.00	36.25 -2.23 0.00	34.18 -2.03 0.00
INDIAN POINT_GT_1 24139	37.91 2.28 0.00	31.68 2.16 -0.36	27.80 1.79 0.00	25.87 1.83 0.00	25.97 1.83 0.00	30.23 1.95 0.00	36.96 1.86 0.00	37.82 2.17 0.00	38.76 2.33 0.00	40.43 2.76 2.28	41.59 2.68 1.64	43.31 2.93 3.96	44.03 3.01 2.67	47.82 3.27 2.16	46.28 3.20 0.16	49.19 3.58 0.32	51.02 3.69 0.01	59.39 4.50 0.00	55.49 3.82 0.00	48.46 3.00 0.00	45.25 2.52 0.00	43.41 2.30 0.00	40.60 2.12 0.00	38.35 2.14 0.00
INDIAN POINT_GT_2 23659	37.91 2.28 0.00	31.68 2.16 -0.36	27.80 1.79 0.00	25.87 1.83 0.00	25.97 1.83 0.00	30.23 1.95 0.00	36.96 1.86 0.00	37.82 2.17 0.00	38.76 2.33 0.00	40.43 2.76 2.28	41.59 2.68 1.64	43.31 2.93 3.96	44.03 3.01 2.67	47.82 3.27 2.16	46.28 3.20 0.16	49.19 3.58 0.32	51.02 3.69 0.01	59.39 4.50 0.00	55.49 3.82 0.00	48.46 3.00 0.00	45.25 2.52 0.00	43.41 2.30 0.00	40.60 2.12 0.00	38.35 2.14 0.00
INDIAN POINT_GT_3 24019	37.91 2.28 0.00	31.68 2.16 -0.36	27.80 1.79 0.00	25.87 1.83 0.00	25.97 1.83 0.00	30.23 1.95 0.00	36.96 1.86 0.00	37.82 2.17 0.00	38.76 2.33 0.00	40.43 2.76 2.28	41.59 2.68 1.64	43.31 2.93 3.96	44.03 3.01 2.67	47.82 3.27 2.16	46.28 3.20 0.16	49.19 3.58 0.32	51.02 3.69 0.01	59.39 4.50 0.00	55.49 3.82 0.00	48.46 3.00 0.00	45.25 2.52 0.00	43.41 2.30 0.00	40.60 2.12 0.00	38.35 2.14 0.00
INDIAN POINT___2 23530	37.84 2.21 0.00	31.59 2.07 -0.36	27.74 1.74 0.00	25.83 1.78 0.00	25.92 1.79 0.00	30.18 1.90 0.00	36.89 1.79 0.00	37.75 2.10 0.00	38.65 2.22 0.00	40.28 2.60 2.27	41.48 2.56 1.63	43.10 2.71 3.94	43.83 2.80 2.66	47.74 3.18 2.15	46.15 3.07 0.16	49.01 3.40 0.32	50.78 3.45 0.01	59.12 4.23 0.00	55.23 3.56 0.00	48.32 2.87 0.00	45.12 2.39 0.00	43.20 2.10 0.00	40.52 2.04 0.00	38.20 1.99 0.00
INDIAN POINT___3 23531	37.84 2.21 0.00	31.63 2.10 -0.37	27.74 1.74 0.00	25.83 1.78 0.00	25.92 1.79 0.00	30.18 1.89 0.00	36.86 1.76 0.00	37.75 2.10 0.00	38.65 2.22 0.00	40.31 2.64 2.28	41.47 2.55 1.64	43.13 2.75 3.96	43.90 2.88 2.67	47.68 3.13 2.16	46.11 3.03 0.16	48.96 3.35 0.32	50.78 3.46 0.01	59.12 4.23 0.00	55.23 3.57 0.00	48.27 2.82 0.00	45.13 2.39 0.00	43.29 2.18 0.00	40.52 2.04 0.00	38.27 2.06 0.00
INGHAM_C_115KV_TB7 356103	35.63 0.00 0.00	29.12 0.15 0.19	26.13 0.13 0.00	24.14 0.10 0.00	24.28 0.14 0.00	28.45 0.17 0.00	34.92 -0.18 0.00	35.40 -0.25 0.00	36.17 -0.25 0.00	36.57 -0.40 2.98	38.05 -0.36 2.14	38.82 -0.35 5.17	39.76 -0.44 3.49	43.43 -0.47 2.82	42.64 -0.39 0.21	45.14 -0.37 0.42	46.85 -0.47 0.01	54.40 -0.49 0.00	51.26 -0.41 0.00	45.05 -0.41 0.00	42.35 -0.38 0.00	40.78 -0.33 0.00	38.02 -0.46 0.00	35.81 -0.40 0.00
IP CORINTH___1 23988	38.30 2.67 0.00	35.77 2.30 -4.31	28.00 2.00 0.00	25.90 1.85 0.00	25.95 1.81 0.00	30.49 2.21 0.00	37.42 2.32 0.00	38.03 2.39 0.00	38.07 1.64 0.00	38.98 1.56 2.53	40.19 1.46 1.82	41.67 1.73 4.40	42.51 1.79 2.97	46.27 1.96 2.40	44.92 1.86 0.18	47.73 2.16 0.35	49.03 1.70 0.01	57.09 2.20 0.00	53.43 1.76 0.00	46.82 1.36 0.00	43.93 1.20 0.00	42.63 1.52 0.00	39.75 1.27 0.00	37.55 1.34 0.00
IP___TICONDEROGA 23804	39.65 4.03 0.00	36.81 3.38 -4.27	28.89 2.89 0.00	26.72 2.67 0.00	26.67 2.53 0.00	31.53 3.25 0.00	38.75 3.65 0.00	39.42 3.78 0.00	39.56 3.13 0.00	40.38 2.96 2.53	41.61 2.88 1.82	43.36 3.41 4.40	44.22 3.50 2.97	48.10 3.78 2.40	46.57 3.50 0.18	49.48 3.90 0.35	50.93 3.60 0.01	59.56 4.67 0.00	55.75 4.08 0.00	48.87 3.41 0.00	45.94 3.20 0.00	44.52 3.41 0.00	41.45 2.96 0.00	38.89 2.68 0.00
ISLIP_RES_REC 323679	39.38 3.67 -0.08	32.69 3.15 -0.38	28.68 2.68 0.00	26.75 2.69 -0.01	26.84 2.70 0.00	31.20 2.91 -0.01	38.20 3.09 -0.01	39.18 3.53 -0.01	40.11 3.61 -0.08	42.08 3.99 1.86	43.84 3.81 0.52	45.88 3.86 2.32	46.91 3.85 0.63	50.82 4.30 0.19	62.78 4.06 -15.47	70.35 4.41 -20.01	81.31 4.50 -29.48	110.88 5.38 -50.61	106.69 4.86 -50.17	65.84 4.00 -16.39	63.11 3.46 -16.92	51.93 3.29 -7.53	42.83 3.58 -0.77	39.59 3.37 -0.01

JAMAICA__27_KV_LOAD 355505	38.37 2.74 0.00	32.10 2.57 -0.37	28.11 2.11 0.00	26.19 2.14 0.00	26.28 2.15 0.00	30.54 2.26 0.00	37.45 2.35 0.00	38.35 2.71 0.00	39.34 2.91 0.00	41.18 3.52 2.29	42.39 3.49 1.64	44.23 3.86 3.97	44.98 3.98 2.68	48.80 4.25 2.17	47.19 4.11 0.16	50.06 4.45 0.32	51.97 4.64 0.01	60.55 5.65 0.00	56.53 4.86 0.00	49.37 3.91 0.00	46.11 3.38 0.00	44.27 3.17 0.00	41.37 2.89 0.00	39.00 2.79 0.00
JANIS__SOLAR 323808	37.19 1.57 0.00	30.56 1.40 0.00	27.35 1.35 0.00	25.15 1.11 0.00	25.34 1.21 0.00	29.81 1.53 0.00	36.43 1.33 0.00	37.00 1.35 0.00	37.63 1.20 0.00	38.58 0.84 2.21	39.89 0.93 1.59	41.61 1.06 3.79	41.96 0.83 2.56	45.53 0.89 2.07	43.87 0.78 0.15	46.59 0.97 0.30	48.28 0.95 0.01	56.37 1.48 0.00	53.53 1.86 0.00	47.37 1.91 0.00	44.70 1.97 0.00	43.00 1.89 0.00	39.91 1.42 0.00	37.29 1.09 0.00
JARVIS____ 23743	35.91 0.28 0.00	29.38 0.41 0.19	26.39 0.39 0.00	24.41 0.36 0.00	24.52 0.38 0.00	28.68 0.40 0.00	35.21 0.11 0.00	35.68 0.04 0.00	36.50 0.07 0.00	36.97 0.00 2.98	38.41 0.00 2.14	39.17 0.00 5.17	40.20 0.00 3.49	43.94 0.05 2.82	43.08 0.04 0.21	45.60 0.09 0.42	47.33 0.00 0.01	54.95 0.05 0.00	51.77 0.10 0.00	45.50 0.05 0.00	42.78 0.04 0.00	41.15 0.04 0.00	38.45 -0.04 0.00	36.17 -0.04 0.00
JENNISON____1 23625	37.37 1.75 0.00	30.91 1.55 -0.20	27.46 1.46 0.00	25.27 1.23 0.00	25.49 1.35 0.00	29.95 1.67 0.00	36.57 1.47 0.00	37.21 1.57 0.00	37.99 1.57 0.00	38.85 1.32 2.42	40.27 1.46 1.74	41.83 1.68 4.20	42.30 1.44 2.83	45.92 1.49 2.29	44.50 1.43 0.17	47.20 1.61 0.34	48.89 1.56 0.01	56.92 2.03 0.00	53.94 2.27 0.00	47.64 2.18 0.00	44.91 2.18 0.00	43.12 2.01 0.00	40.06 1.58 0.00	37.44 1.23 0.00
JENNISON____2 23626	37.37 1.75 0.00	30.91 1.55 -0.20	27.46 1.46 0.00	25.27 1.23 0.00	25.49 1.35 0.00	29.95 1.67 0.00	36.57 1.47 0.00	37.21 1.57 0.00	37.99 1.57 0.00	38.85 1.32 2.42	40.27 1.46 1.74	41.83 1.68 4.20	42.30 1.44 2.83	45.92 1.49 2.29	44.50 1.43 0.17	47.20 1.61 0.34	48.89 1.56 0.01	56.92 2.03 0.00	53.94 2.27 0.00	47.64 2.18 0.00	44.91 2.18 0.00	43.12 2.01 0.00	40.06 1.58 0.00	37.44 1.23 0.00
JERICOHO_RISE_WT_PWR 323719	35.74 0.11 0.00	29.02 -0.15 0.00	25.87 -0.13 0.00	23.90 -0.14 0.00	23.94 -0.19 0.00	28.14 -0.14 0.00	35.45 0.35 0.00	36.07 0.43 0.00	36.79 0.36 0.00	39.63 0.44 0.76	40.45 0.45 0.55	43.51 0.49 1.32	43.28 0.48 0.89	46.51 0.51 0.72	43.62 0.43 0.05	46.19 0.37 0.11	47.76 0.43 0.00	55.28 0.39 0.00	52.13 0.46 0.00	45.91 0.45 0.00	43.29 0.55 0.00	41.68 0.58 0.00	39.10 0.61 0.00	36.75 0.54 0.00
KATONAH__115KV_46KV_TB4 355592	38.12 2.49 0.00	31.84 2.30 -0.38	27.90 1.90 0.00	25.99 1.95 0.00	26.09 1.96 0.00	30.37 2.09 0.00	37.14 2.04 0.00	38.03 2.39 0.00	38.94 2.51 0.00	40.65 3.00 2.30	41.90 3.00 1.65	43.64 3.28 3.98	44.41 3.41 2.69	48.32 3.78 2.18	46.76 3.68 0.16	50.02 4.41 0.32	51.83 4.50 0.01	60.27 5.38 0.00	56.27 4.60 0.00	49.00 3.55 0.00	45.51 2.78 0.00	43.70 2.59 0.00	40.83 2.35 0.00	38.53 2.32 0.00
KCE_NY_1 323755	37.59 1.96 0.00	35.39 2.01 -4.21	27.74 1.74 0.00	25.70 1.66 0.00	25.75 1.62 0.00	30.20 1.92 0.00	36.99 1.89 0.00	37.29 1.64 0.00	38.18 1.75 0.00	39.18 1.76 2.53	40.44 1.70 1.82	41.85 1.91 4.39	42.69 1.97 2.97	46.51 2.20 2.40	45.10 2.03 0.18	47.92 2.34 0.35	49.55 2.23 0.01	57.63 2.74 0.00	54.05 2.38 0.00	47.45 2.00 0.00	44.53 1.79 0.00	42.91 1.81 0.00	40.10 1.62 0.00	37.76 1.56 0.00
KCE_NY_6_ESR 323823	34.59 -1.03 0.00	28.46 -0.70 0.00	25.66 -0.34 0.00	23.47 -0.58 0.00	23.70 -0.43 0.00	27.63 -0.65 0.00	33.63 -1.47 0.00	34.08 -1.57 0.00	34.75 -1.68 0.00	35.08 -2.28 2.59	36.25 -2.43 1.86	36.94 -2.88 4.52	37.89 -2.75 3.05	41.21 -3.04 2.47	39.86 -3.20 0.18	42.12 -3.45 0.36	44.58 -2.75 0.01	51.87 -3.02 0.00	48.98 -2.69 0.00	43.96 -1.50 0.00	41.45 -1.28 0.00	39.83 -1.27 0.00	36.71 -1.77 0.00	34.54 -1.67 0.00
KEDC_PORT_JEFF_GT2 24210	39.18 3.45 -0.09	32.52 2.98 -0.38	28.52 2.52 0.00	26.63 2.57 -0.01	26.72 2.58 0.00	31.03 2.74 -0.01	37.99 2.88 -0.01	38.93 3.28 -0.01	39.87 3.35 -0.09	41.90 3.72 1.77	43.43 3.49 0.61	45.40 3.50 2.45	46.40 3.50 0.79	50.59 3.97 0.09	65.54 3.72 -18.57	73.93 3.77 -24.23	86.61 3.83 -35.44	121.33 4.66 -61.78	116.99 4.14 -61.18	68.26 3.36 -19.44	66.22 3.16 -20.32	52.84 3.00 -8.73	42.50 3.31 -0.71	39.37 3.15 -0.01
KEDC_PORT_JEFF_GT3 24211	39.18 3.45 -0.09	32.52 2.98 -0.38	28.52 2.52 0.00	26.63 2.57 -0.01	26.72 2.58 0.00	31.03 2.74 -0.01	37.99 2.88 -0.01	38.93 3.28 -0.01	39.87 3.35 -0.09	41.90 3.72 1.77	43.43 3.49 0.61	45.40 3.50 2.45	46.40 3.50 0.79	50.59 3.97 0.09	65.54 3.72 -18.57	73.93 3.77 -24.23	86.61 3.83 -35.44	121.33 4.66 -61.78	116.99 4.14 -61.18	68.26 3.36 -19.44	66.22 3.16 -20.32	52.84 3.00 -8.73	42.50 3.31 -0.71	39.37 3.15 -0.01
KEDC_GLWD_GT4 24219	38.53 2.88 -0.02	32.20 2.65 -0.38	28.24 2.24 0.00	26.30 2.24 -0.02	26.38 2.25 0.00	30.70 2.40 -0.02	37.54 2.42 -0.02	38.41 2.74 -0.02	39.36 2.92 -0.02	41.04 3.36 2.27	47.41 3.08 -3.78	51.64 3.28 -4.02	54.25 3.32 -7.24	53.83 3.74 -3.38	53.07 3.55 -6.28	54.78 3.86 -5.00	61.55 3.93 -10.28	62.34 4.77 -2.68	59.43 4.14 -3.62	58.66 3.32 -9.89	51.76 2.82 -6.21	51.59 2.63 -7.85	44.76 2.54 -3.74	38.92 2.68 -0.04
KEDC_GLWD_GT5 24220	38.53 2.88 -0.02	32.20 2.65 -0.38	28.24 2.24 0.00	26.30 2.24 -0.02	26.38 2.25 0.00	30.70 2.40 -0.02	37.54 2.42 -0.02	38.41 2.74 -0.02	39.36 2.92 -0.02	41.04 3.36 2.27	47.41 3.08 -3.78	51.64 3.28 -4.02	54.25 3.32 -7.24	53.83 3.74 -3.38	53.07 3.55 -6.28	54.78 3.86 -5.00	61.55 3.93 -10.28	62.34 4.77 -2.68	59.43 4.14 -3.62	58.66 3.32 -9.89	51.76 2.82 -6.21	51.59 2.63 -7.85	44.76 2.54 -3.74	38.92 2.68 -0.04
KENSICO____ 23655	38.02 2.39 0.00	31.75 2.22 -0.37	27.85 1.85 0.00	25.95 1.90 0.00	26.04 1.91 0.00	30.29 2.01 0.00	37.03 1.93 0.00	37.93 2.28 0.00	38.87 2.44 0.00	40.54 2.88 2.29	41.75 2.84 1.64	43.43 3.06 3.97	44.20 3.19 2.68	47.96 3.41 2.17	46.41 3.33 0.16	49.33 3.72 0.32	51.16 3.83 0.01	59.50 4.61 0.00	55.60 3.93 0.00	48.59 3.14 0.00	45.34 2.61 0.00	43.53 2.43 0.00	40.72 2.23 0.00	38.45 2.24 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	38.26 2.64 0.00	32.09 2.45 -0.47	27.98 1.98 0.00	25.95 1.90 0.00	26.09 1.96 0.00	30.43 2.15 0.00	37.28 2.18 0.00	38.03 2.39 0.00	38.98 2.55 0.00	40.60 2.88 2.23	41.75 2.80 1.60	43.31 2.84 3.87	44.09 3.01 2.61	47.92 3.32 2.11	46.29 3.20 0.16	48.92 3.31 0.31	50.60 3.27 0.01	58.95 4.06 0.00	55.18 3.51 0.00	48.46 3.00 0.00	45.51 2.78 0.00	43.62 2.51 0.00	40.83 2.35 0.00	38.45 2.24 0.00

KIAC_JFK_GT1 23816	38.05 2.42 0.00	31.92 2.39 -0.37	27.95 1.95 0.00	26.04 2.00 0.00	26.14 2.00 0.00	30.37 2.09 0.00	37.24 2.14 0.00	38.03 2.39 0.00	38.98 2.55 0.00	40.82 3.16 2.29	42.03 3.12 1.64	43.78 3.41 3.97	44.55 3.54 2.68	48.38 3.83 2.17	46.76 3.68 0.16	49.60 4.00 0.32	51.49 4.17 0.01	60.00 5.10 0.00	55.96 4.29 0.00	48.91 3.45 0.00	45.68 2.95 0.00	43.86 2.75 0.00	40.99 2.50 0.00	38.63 2.43 0.00
KIAC_JFK_GT2 23817	38.05 2.42 0.00	31.92 2.39 -0.37	27.95 1.95 0.00	26.04 2.00 0.00	26.14 2.00 0.00	30.37 2.09 0.00	37.24 2.14 0.00	38.03 2.39 0.00	38.98 2.55 0.00	40.82 3.16 2.29	42.03 3.12 1.64	43.78 3.41 3.97	44.55 3.54 2.68	48.38 3.83 2.17	46.76 3.68 0.16	49.60 4.00 0.32	51.49 4.17 0.01	60.00 5.10 0.00	55.96 4.29 0.00	48.91 3.45 0.00	45.68 2.95 0.00	43.86 2.75 0.00	40.99 2.50 0.00	38.63 2.43 0.00
KIAC_JFK____ 323774	38.05 2.42 0.00	31.92 2.39 -0.37	27.95 1.95 0.00	26.04 1.99 0.00	26.14 2.00 0.00	30.37 2.09 0.00	37.24 2.14 0.00	38.03 2.39 0.00	38.98 2.55 0.00	40.74 3.08 2.29	41.99 3.08 1.64	43.70 3.33 3.97	44.37 3.36 2.68	48.38 3.83 2.17	46.76 3.67 0.16	49.56 3.95 0.32	51.44 4.12 0.01	59.94 5.05 0.00	55.95 4.29 0.00	48.91 3.45 0.00	45.68 2.95 0.00	43.74 2.63 0.00	40.98 2.50 0.00	38.56 2.35 0.00
KINTIGH__24_KV_GSU 356498	34.17 -1.46 0.00	28.14 -1.02 0.00	25.30 -0.70 0.00	23.18 -0.86 0.00	23.39 -0.75 0.00	27.26 -1.02 0.00	33.20 -1.90 0.00	33.58 -2.07 0.00	34.24 -2.18 0.00	34.52 -2.76 2.67	35.71 -2.92 1.92	36.37 -3.33 4.65	37.23 -3.32 3.14	40.54 -3.64 2.54	39.34 -3.72 0.19	41.60 -3.95 0.37	43.87 -3.45 0.01	51.10 -3.79 0.00	48.26 -3.41 0.00	43.18 -2.27 0.00	40.81 -1.92 0.00	39.18 -1.93 0.00	36.18 -2.31 0.00	34.11 -2.10 0.00
KINTIGH____ 23543	34.17 -1.46 0.00	28.14 -1.02 0.00	25.30 -0.70 0.00	23.16 -0.89 0.00	23.39 -0.75 0.00	27.26 -1.02 0.00	33.20 -1.90 0.00	33.40 -2.25 0.00	34.24 -2.19 0.00	34.28 -3.00 2.67	35.59 -3.04 1.92	36.24 -3.46 4.65	36.97 -3.58 3.14	40.35 -3.83 2.54	39.34 -3.72 0.19	41.47 -4.09 0.37	43.78 -3.55 0.01	50.99 -3.90 0.00	48.26 -3.41 0.00	43.18 -2.27 0.00	40.77 -1.97 0.00	38.85 -2.26 0.00	36.18 -2.31 0.00	33.89 -2.32 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	36.34 0.71 0.00	29.51 0.35 0.00	26.31 0.31 0.00	24.26 0.22 0.00	24.26 0.12 0.00	28.56 0.28 0.00	36.12 1.02 0.00	36.75 1.10 0.00	37.45 1.02 0.00	40.31 1.12 0.76	41.06 1.05 0.55	44.22 1.20 1.32	43.98 1.18 0.89	47.40 1.40 0.72	44.36 1.17 0.05	46.83 1.01 0.11	48.47 1.14 0.00	56.04 1.15 0.00	52.91 1.24 0.00	46.59 1.14 0.00	43.97 1.24 0.00	42.34 1.23 0.00	39.64 1.15 0.00	37.29 1.09 0.00
LACHUTE____HYDRO 323717	38.87 3.24 0.00	36.81 3.38 -4.27	28.89 2.89 0.00	26.72 2.67 0.00	26.67 2.53 0.00	31.53 3.25 0.00	38.75 3.65 0.00	38.64 2.99 0.00	39.56 3.13 0.00	40.38 2.96 2.53	41.61 2.88 1.82	43.36 3.41 4.40	44.17 3.45 2.97	48.15 3.83 2.40	46.57 3.50 0.18	49.48 3.90 0.35	50.92 3.60 0.01	59.50 4.61 0.00	55.75 4.08 0.00	48.87 3.41 0.00	45.94 3.21 0.00	44.48 3.37 0.00	41.45 2.96 0.00	38.89 2.68 0.00
LAWRNCV_115KV_TB1 80681	35.09 -0.53 0.00	28.43 -0.73 0.00	25.33 -0.68 0.00	23.37 -0.67 0.00	23.44 -0.70 0.00	27.46 -0.82 0.00	34.71 -0.39 0.00	35.36 -0.29 0.00	35.92 -0.51 0.00	38.52 -0.44 0.99	39.39 -0.45 0.71	42.18 -0.44 1.72	41.79 -0.74 1.16	45.03 -0.75 0.94	42.40 -0.78 0.07	44.73 -1.06 0.14	46.20 -1.14 0.00	53.63 -1.26 0.00	50.69 -0.98 0.00	44.77 -0.68 0.00	42.82 0.09 0.00	41.40 0.29 0.00	38.87 0.38 0.00	36.46 0.25 0.00
LEDERLE____ 23769	37.94 2.32 0.00	31.70 2.19 -0.36	27.82 1.82 0.00	25.90 1.85 0.00	25.99 1.86 0.00	30.26 1.98 0.00	36.96 1.86 0.00	37.85 2.21 0.00	38.76 2.33 0.00	40.45 2.76 2.26	41.60 2.68 1.63	43.29 2.88 3.93	44.01 2.97 2.65	47.84 3.27 2.15	46.20 3.11 0.16	49.06 3.44 0.32	50.88 3.55 0.01	59.17 4.28 0.00	55.29 3.62 0.00	48.41 2.95 0.00	45.25 2.52 0.00	43.41 2.30 0.00	40.64 2.16 0.00	38.35 2.14 0.00
LIGHTHSE_115KV_TB6 355974	35.63 0.00 0.00	29.16 0.12 0.11	26.16 0.16 0.00	24.09 0.05 0.00	24.26 0.12 0.00	28.42 0.14 0.00	34.82 -0.28 0.00	35.22 -0.43 0.00	35.95 -0.47 0.00	38.61 -0.76 0.58	39.52 -0.61 0.42	42.80 -0.53 1.01	42.35 -0.66 0.68	45.46 -0.70 0.55	42.51 -0.69 0.04	45.07 -0.78 0.08	46.44 -0.90 0.00	54.07 -0.82 0.00	51.10 -0.57 0.00	45.14 -0.32 0.00	42.65 -0.09 0.00	41.07 -0.04 0.00	38.29 -0.19 0.00	35.85 -0.36 0.00
LINDEN COGEN____ 23786	38.05 2.42 0.00	31.75 2.22 -0.37	27.82 1.82 0.00	25.92 1.88 0.00	26.04 1.91 0.00	30.22 1.95 0.01	36.99 1.89 0.01	37.95 2.32 0.01	38.94 2.51 0.00	40.61 2.96 2.29	41.82 2.92 1.65	43.51 3.15 3.98	43.78 3.15 3.06	43.70 3.55 6.56	44.18 3.42 2.48	45.25 3.68 4.35	46.44 3.74 4.64	47.75 4.61 11.75	46.49 3.92 9.10	47.09 3.09 1.46	45.47 2.74 0.00	43.57 2.47 0.00	40.91 2.43 0.00	38.56 2.35 0.00
LINDHRST_69_KV_BK1 356055	39.07 3.42 -0.02	32.60 3.06 -0.38	28.60 2.60 0.00	26.70 2.65 -0.01	26.74 2.61 0.00	31.09 2.80 -0.01	38.02 2.91 -0.01	38.90 3.24 -0.01	39.80 3.35 -0.02	41.51 3.80 2.24	44.84 3.73 -0.56	47.38 3.77 0.73	48.84 3.80 -1.35	50.94 4.06 -0.16	50.84 3.85 -3.75	53.74 4.23 -3.59	58.30 4.31 -6.65	65.72 5.21 -5.61	62.26 4.65 -5.94	54.63 3.86 -5.31	50.00 3.33 -3.94	48.12 3.29 -3.72	43.39 3.39 -1.52	39.49 3.26 -0.02
LIPA_MISC_IPP 23656	39.06 3.35 -0.08	32.37 2.83 -0.38	28.39 2.39 0.00	26.68 2.62 -0.01	26.62 2.49 0.00	30.92 2.63 -0.01	37.85 2.74 -0.01	38.79 3.14 -0.01	39.71 3.21 -0.08	41.70 3.60 1.85	43.23 3.33 0.65	45.16 3.33 2.50	46.20 3.36 0.86	50.07 3.64 0.29	62.53 3.46 -15.82	70.26 3.77 -20.56	81.37 3.83 -30.20	111.85 4.67 -52.29	107.67 4.19 -51.81	65.57 3.45 -16.66	63.01 2.95 -17.33	51.67 3.00 -7.56	42.29 3.12 -0.68	39.34 3.11 -0.01
LISF____SOLAR 323691	39.13 3.42 -0.08	32.43 2.89 -0.38	28.44 2.44 0.00	26.58 2.52 -0.01	26.67 2.53 0.00	30.98 2.69 -0.01	37.92 2.81 -0.01	38.86 3.21 -0.01	39.79 3.28 -0.08	41.71 3.60 1.84	43.28 3.36 0.63	45.19 3.33 2.48	46.18 3.32 0.83	50.19 3.74 0.26	62.75 3.46 -16.05	70.64 3.86 -20.85	81.84 3.88 -30.62	112.69 4.77 -53.03	108.55 4.34 -52.54	65.94 3.59 -16.89	63.34 3.03 -17.57	51.74 2.96 -7.67	42.41 3.23 -0.69	39.30 3.08 -0.01
LITTLE FALLS____HYD 24013	35.63 0.00 0.00	29.12 0.15 0.19	26.13 0.13 0.00	24.14 0.10 0.00	24.28 0.14 0.00	28.45 0.17 0.00	34.92 -0.18 0.00	35.40 -0.25 0.00	36.17 -0.25 0.00	36.57 -0.40 2.98	38.05 -0.36 2.14	38.82 -0.35 5.17	39.76 -0.44 3.49	43.43 -0.47 2.82	42.64 -0.39 0.21	45.14 -0.37 0.42	46.85 -0.47 0.01	54.40 -0.49 0.00	51.26 -0.41 0.00	45.05 -0.41 0.00	42.35 -0.38 0.00	40.78 -0.33 0.00	38.02 -0.46 0.00	35.81 -0.40 0.00

LITTLRIV_115KV_TB1 356100	35.63 0.00 0.00	28.81 -0.35 0.00	25.69 -0.31 0.00	23.69 -0.36 0.00	23.75 -0.39 0.00	27.91 -0.37 0.00	35.28 0.18 0.00	35.93 0.29 0.00	36.46 0.04 0.00	39.02 0.08 1.01	39.91 0.08 0.73	42.72 0.13 1.75	42.29 -0.22 1.18	45.57 -0.19 0.96	42.96 -0.22 0.07	45.33 -0.46 0.14	46.81 -0.52 0.00	54.34 -0.55 0.00	51.51 -0.16 0.00	45.55 0.09 0.00	43.42 0.68 0.00	41.93 0.82 0.00	39.33 0.85 0.00	36.86 0.65 0.00
LI_NEWBRDGE___DRP 323616	38.42 2.78 -0.01	32.10 2.57 -0.38	28.19 2.18 0.00	26.29 2.24 -0.01	26.36 2.22 0.00	30.66 2.38 -0.01	37.43 2.32 -0.01	38.29 2.64 -0.01	39.20 2.77 -0.01	40.83 3.16 2.28	42.27 3.16 1.45	43.95 3.28 3.67	44.66 3.28 2.31	48.26 3.50 1.97	46.61 3.29 -0.08	49.35 3.54 0.11	51.37 3.65 -0.39	59.43 4.45 -0.09	55.73 3.93 -0.13	49.01 3.18 -0.37	45.70 2.73 -0.23	44.15 2.75 -0.29	41.35 2.73 -0.13	38.82 2.61 -0.01
LOCKPORT_115KV_TB60_63_64 80432	34.10 -1.53 0.00	28.05 -1.11 0.00	25.33 -0.68 0.00	23.13 -0.91 0.00	23.39 -0.75 0.00	27.23 -1.05 0.00	33.06 -2.04 0.00	33.22 -2.42 0.00	34.06 -2.37 0.00	34.04 -3.32 2.60	35.32 -3.37 1.87	35.96 -3.86 4.52	36.70 -3.93 3.06	40.04 -4.20 2.47	38.95 -4.11 0.18	41.06 -4.50 0.36	43.49 -3.83 0.01	50.61 -4.28 0.00	48.00 -3.67 0.00	43.09 -2.36 0.00	40.68 -2.05 0.00	38.72 -2.38 0.00	36.06 -2.42 0.00	33.75 -2.46 0.00
LOCKPORT___CC1 323769	34.10 -1.53 0.00	28.05 -1.11 0.00	25.33 -0.68 0.00	23.16 -0.89 0.00	23.39 -0.75 0.00	27.23 -1.05 0.00	33.06 -2.04 0.00	33.43 -2.21 0.00	34.06 -2.37 0.00	34.31 -3.04 2.60	35.48 -3.20 1.87	36.09 -3.72 4.52	37.01 -3.63 3.06	40.23 -4.02 2.47	38.95 -4.11 0.19	41.15 -4.41 0.36	43.59 -3.74 0.01	50.77 -4.12 0.00	48.00 -3.67 0.00	43.09 -2.37 0.00	40.68 -2.05 0.00	39.09 -2.01 0.00	36.06 -2.42 0.00	34.00 -2.21 0.00
LOCKPORT___CC2 323770	34.10 -1.53 0.00	28.05 -1.11 0.00	25.33 -0.68 0.00	23.16 -0.89 0.00	23.39 -0.75 0.00	27.23 -1.05 0.00	33.06 -2.04 0.00	33.43 -2.21 0.00	34.06 -2.37 0.00	34.31 -3.04 2.60	35.48 -3.20 1.87	36.09 -3.72 4.52	37.01 -3.63 3.06	40.23 -4.02 2.47	38.95 -4.11 0.19	41.15 -4.41 0.36	43.59 -3.74 0.01	50.77 -4.12 0.00	48.00 -3.67 0.00	43.09 -2.37 0.00	40.68 -2.05 0.00	39.09 -2.01 0.00	36.06 -2.42 0.00	34.00 -2.21 0.00
LOCKPORT___CC3 323771	34.10 -1.53 0.00	28.05 -1.11 0.00	25.33 -0.68 0.00	23.16 -0.89 0.00	23.39 -0.75 0.00	27.23 -1.05 0.00	33.06 -2.04 0.00	33.43 -2.21 0.00	34.06 -2.37 0.00	34.31 -3.04 2.60	35.48 -3.20 1.87	36.09 -3.72 4.52	37.01 -3.63 3.06	40.23 -4.02 2.47	38.95 -4.11 0.19	41.15 -4.41 0.36	43.59 -3.74 0.01	50.77 -4.12 0.00	48.00 -3.67 0.00	43.09 -2.37 0.00	40.68 -2.05 0.00	39.09 -2.01 0.00	36.06 -2.42 0.00	34.00 -2.21 0.00
LOCUSVLY_69_KV_BK2 55797	38.78 3.14 -0.02	32.37 2.83 -0.38	28.39 2.39 0.00	26.46 2.40 -0.01	26.53 2.39 0.00	30.87 2.57 -0.01	37.71 2.60 -0.01	38.62 2.96 -0.02	39.50 3.06 -0.01	41.28 3.60 2.27	46.71 3.45 -2.71	50.47 3.68 -2.45	52.74 3.76 -5.30	53.02 4.02 -2.29	52.11 3.85 -5.02	54.11 4.23 -3.96	59.91 4.31 -8.27	62.20 5.16 -2.15	59.13 4.55 -2.91	57.09 3.68 -7.95	50.89 3.16 -4.99	50.50 3.08 -6.31	44.45 2.96 -3.00	39.17 2.93 -0.03
LONG_LAKE_PHOENIX 24014	34.95 -0.68 0.00	28.67 -0.38 0.11	25.72 -0.29 0.00	23.71 -0.34 0.00	23.85 -0.29 0.00	27.91 -0.37 0.00	34.33 -0.77 0.00	34.68 -0.96 0.00	35.44 -0.98 0.00	38.96 -1.20 -0.20	39.56 -1.14 -0.15	43.50 -1.20 -0.35	42.71 -1.22 -0.24	45.60 -1.31 -0.19	42.01 -1.25 -0.01	44.62 -1.33 -0.03	45.97 -1.37 0.00	53.41 -1.48 0.00	50.38 -1.29 0.00	44.37 -1.09 0.00	41.79 -0.94 0.00	40.12 -0.99 0.00	37.48 -1.00 0.00	35.16 -1.05 0.00
LOVETT___3 23632	37.77 2.14 0.00	31.56 2.04 -0.36	27.72 1.72 0.00	25.80 1.76 0.00	25.90 1.76 0.00	30.12 1.84 0.00	36.82 1.72 0.00	37.68 2.03 0.00	38.58 2.15 0.00	40.24 2.56 2.27	41.44 2.51 1.63	43.11 2.70 3.94	43.83 2.80 2.66	47.60 3.04 2.15	46.02 2.94 0.16	48.87 3.26 0.32	50.69 3.36 0.01	59.01 4.12 0.00	55.13 3.46 0.00	48.18 2.73 0.00	45.04 2.31 0.00	43.20 2.10 0.00	40.45 1.96 0.00	38.20 1.99 0.00
LOVETT___4 23642	37.77 2.14 0.00	31.56 2.04 -0.36	27.72 1.72 0.00	25.80 1.76 0.00	25.90 1.76 0.00	30.12 1.84 0.00	36.82 1.72 0.00	37.68 2.03 0.00	38.58 2.15 0.00	40.24 2.56 2.27	41.44 2.51 1.63	43.11 2.70 3.94	43.83 2.80 2.66	47.60 3.04 2.15	46.02 2.94 0.16	48.87 3.26 0.32	50.69 3.36 0.01	59.01 4.12 0.00	55.13 3.46 0.00	48.18 2.73 0.00	45.04 2.31 0.00	43.20 2.10 0.00	40.45 1.96 0.00	38.20 1.99 0.00
LOVETT___5 23593	37.77 2.14 0.00	31.56 2.04 -0.36	27.72 1.72 0.00	25.80 1.76 0.00	25.90 1.76 0.00	30.12 1.84 0.00	36.82 1.72 0.00	37.68 2.03 0.00	38.58 2.15 0.00	40.24 2.56 2.27	41.44 2.51 1.63	43.11 2.70 3.94	43.83 2.80 2.66	47.60 3.04 2.15	46.02 2.94 0.16	48.87 3.26 0.32	50.69 3.36 0.01	59.01 4.12 0.00	55.13 3.46 0.00	48.18 2.73 0.00	45.04 2.31 0.00	43.20 2.10 0.00	40.45 1.96 0.00	38.20 1.99 0.00
LOWER RAQUET___HYD 24057	34.92 -0.71 0.00	28.26 -0.90 0.00	25.20 -0.81 0.00	23.25 -0.79 0.00	23.29 -0.85 0.00	27.29 -0.99 0.00	34.50 -0.60 0.00	35.11 -0.53 0.00	35.70 -0.73 0.00	38.19 -0.72 1.04	39.07 -0.73 0.75	41.82 -0.71 1.81	41.38 -1.09 1.22	44.42 -1.31 0.99	42.05 -1.12 0.07	44.36 -1.42 0.15	45.82 -1.52 0.00	53.13 -1.76 0.00	50.28 -1.39 0.00	44.41 -1.04 0.00	42.73 0.00 0.00	41.31 0.21 0.00	38.79 0.31 0.00	36.39 0.18 0.00
LOWER___HUDSON 24059	37.30 1.67 0.00	34.36 1.66 -3.54	27.46 1.46 0.00	25.44 1.39 0.00	25.54 1.40 0.00	29.86 1.58 0.00	36.54 1.44 0.00	36.96 1.32 0.00	37.81 1.38 0.00	38.85 1.40 2.50	40.17 1.42 1.80	41.51 1.51 4.34	42.38 1.62 2.93	46.17 1.82 2.37	44.71 1.64 0.18	47.51 1.93 0.35	49.17 1.84 0.01	57.14 2.25 0.00	53.63 1.96 0.00	47.05 1.59 0.00	44.14 1.41 0.00	42.46 1.35 0.00	39.72 1.23 0.00	37.48 1.27 0.00
LOWVILLE_115KV_TB2 356335	36.45 0.82 0.00	29.69 0.67 0.14	26.65 0.65 0.00	24.53 0.48 0.00	24.72 0.58 0.00	29.07 0.79 0.00	35.63 0.53 0.00	36.22 0.57 0.00	36.90 0.47 0.00	38.29 0.20 1.86	39.50 0.28 1.34	41.51 0.40 3.23	41.64 0.13 2.18	45.14 0.19 1.77	43.29 0.17 0.13	45.85 0.18 0.26	47.38 0.05 0.01	55.22 0.33 0.00	52.44 0.78 0.00	46.37 0.91 0.00	43.84 1.11 0.00	42.26 1.15 0.00	39.37 0.89 0.00	36.86 0.65 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	37.87 2.24 0.00	35.39 2.01 -4.21	27.72 1.72 0.00	25.68 1.64 0.00	25.73 1.59 0.00	30.18 1.89 0.00	37.00 1.90 0.00	37.57 1.92 0.00	38.18 1.75 0.00	39.14 1.72 2.53	40.44 1.70 1.82	41.85 1.91 4.39	42.69 1.97 2.97	46.47 2.15 2.40	45.05 1.99 0.18	47.87 2.30 0.35	49.51 2.18 0.01	57.58 2.69 0.00	54.05 2.38 0.00	47.41 1.95 0.00	44.48 1.75 0.00	42.92 1.81 0.00	40.06 1.58 0.00	37.77 1.56 0.00

LUTHERNY_35_KV_BK2 355980	37.87 2.24 0.00	35.39 2.01 -4.21	27.74 1.74 0.00	25.71 1.66 0.00	25.75 1.62 0.00	30.20 1.92 0.00	37.00 1.90 0.00	37.57 1.92 0.00	38.18 1.75 0.00	39.18 1.76 2.53	40.44 1.70 1.82	41.90 1.95 4.39	42.73 2.01 2.97	46.47 2.15 2.40	45.10 2.03 0.18	47.92 2.34 0.35	49.55 2.22 0.01	57.64 2.74 0.00	54.05 2.38 0.00	47.46 2.00 0.00	44.53 1.79 0.00	42.92 1.81 0.00	40.10 1.62 0.00	37.77 1.56 0.00
LWR___OSWEGATCHIE_HYD 23850	35.66 0.04 0.00	28.99 -0.06 0.11	25.98 -0.03 0.00	23.90 -0.14 0.00	24.06 -0.07 0.00	28.25 -0.03 0.00	34.99 -0.11 0.00	35.57 -0.07 0.00	36.21 -0.22 0.00	38.12 -0.44 1.40	39.22 -0.32 1.00	41.65 -0.27 2.42	41.44 -0.61 1.64	44.79 -0.61 1.32	42.58 -0.56 0.10	45.04 -0.69 0.19	46.48 -0.85 0.01	54.18 -0.71 0.00	51.41 -0.26 0.00	45.46 0.00 0.00	43.12 0.38 0.00	41.60 0.49 0.00	38.95 0.46 0.00	36.46 0.25 0.00
LYONS_FALL_HYD 23570	36.45 0.82 0.00	29.74 0.73 0.15	26.70 0.70 0.00	24.60 0.55 0.00	24.79 0.65 0.00	29.10 0.82 0.00	35.66 0.56 0.00	36.25 0.61 0.00	36.97 0.55 0.00	38.09 0.32 2.18	39.43 0.45 1.57	41.14 0.57 3.78	41.45 0.31 2.55	45.03 0.37 2.06	43.48 0.39 0.15	46.04 0.41 0.30	47.61 0.29 0.01	55.44 0.55 0.00	52.49 0.82 0.00	46.37 0.91 0.00	43.80 1.07 0.00	42.22 1.11 0.00	39.25 0.77 0.00	36.79 0.58 0.00
MADISON___COUNTY_LFGE 323628	36.70 1.07 0.00	30.01 0.99 0.14	26.94 0.94 0.00	24.82 0.77 0.00	24.98 0.84 0.00	29.33 1.05 0.00	35.91 0.81 0.00	36.43 0.78 0.00	37.27 0.84 0.00	38.30 0.60 2.25	39.66 0.73 1.62	41.32 0.89 3.90	41.75 0.70 2.64	45.38 0.79 2.13	43.82 0.74 0.16	46.44 0.83 0.31	48.09 0.76 0.01	55.93 1.04 0.00	52.86 1.19 0.00	46.64 1.18 0.00	43.93 1.20 0.00	42.22 1.11 0.00	39.33 0.85 0.00	36.82 0.62 0.00
MALONE___115KV_TB1 356076	36.23 0.61 0.00	29.42 0.26 0.00	26.24 0.23 0.00	24.21 0.17 0.00	24.21 0.07 0.00	28.48 0.20 0.00	36.01 0.91 0.00	36.64 1.00 0.00	37.41 0.98 0.00	40.27 1.08 0.76	41.06 1.05 0.55	44.22 1.20 1.32	43.98 1.18 0.89	47.35 1.35 0.72	44.32 1.12 0.05	46.83 1.01 0.11	48.42 1.09 0.00	56.15 1.26 0.00	53.01 1.34 0.00	46.68 1.23 0.00	43.80 1.07 0.00	42.18 1.07 0.00	39.48 1.00 0.00	37.11 0.91 0.00
MAPLEWOD_115KV_TB3 80458	36.66 1.03 0.00	32.96 1.02 -2.78	26.86 0.86 0.00	24.91 0.87 0.00	25.00 0.87 0.00	29.21 0.93 0.00	35.80 0.70 0.00	36.43 0.78 0.00	37.27 0.84 0.00	38.31 0.84 2.48	39.58 0.81 1.78	40.93 0.89 4.30	41.79 1.00 2.90	45.35 0.98 2.35	44.06 0.99 0.18	46.68 1.10 0.35	48.42 1.09 0.01	56.26 1.37 0.00	52.81 1.14 0.00	46.32 0.86 0.00	43.46 0.73 0.00	41.85 0.74 0.00	39.14 0.65 0.00	36.86 0.65 0.00
MAPLE_RIDGE_WT_1 323574	35.66 0.04 0.00	29.11 0.09 0.14	26.08 0.08 0.00	24.09 0.05 0.00	24.21 0.07 0.00	28.34 0.06 0.00	35.10 0.00 0.00	35.64 0.00 0.00	36.43 0.00 0.00	37.72 -0.04 2.19	38.94 -0.04 1.57	40.50 -0.04 3.80	41.08 -0.04 2.57	44.60 -0.05 2.08	43.05 -0.04 0.16	45.58 -0.05 0.31	47.23 -0.09 0.01	54.84 -0.05 0.00	51.62 -0.05 0.00	45.41 -0.05 0.00	42.69 -0.04 0.00	41.11 0.00 0.00	38.45 -0.04 0.00	36.14 -0.07 0.00
MAPLE_RIDGE_WT_2 323611	35.66 0.04 0.00	29.11 0.09 0.14	26.08 0.08 0.00	24.09 0.05 0.00	24.21 0.07 0.00	28.34 0.06 0.00	35.10 0.00 0.00	35.64 0.00 0.00	36.43 0.00 0.00	37.72 -0.04 2.19	38.94 -0.04 1.57	40.50 -0.04 3.80	41.08 -0.04 2.57	44.60 -0.05 2.08	43.05 -0.04 0.16	45.58 -0.05 0.31	47.23 -0.09 0.01	54.84 -0.05 0.00	51.62 -0.05 0.00	45.41 -0.05 0.00	42.69 -0.04 0.00	41.11 0.00 0.00	38.45 -0.04 0.00	36.14 -0.07 0.00
MARBLE_RIVER_WT_PWR 323696	35.81 0.18 0.00	29.07 -0.09 0.00	25.92 -0.08 0.00	23.93 -0.12 0.00	23.97 -0.17 0.00	28.20 -0.08 0.00	35.49 0.39 0.00	36.11 0.46 0.00	36.87 0.44 0.00	39.71 0.52 0.76	40.49 0.49 0.55	43.59 0.57 1.32	43.37 0.57 0.89	46.56 0.56 0.72	43.71 0.52 0.05	46.23 0.41 0.11	47.81 0.47 0.00	55.38 0.49 0.00	52.24 0.57 0.00	46.00 0.55 0.00	43.33 0.60 0.00	41.73 0.62 0.00	39.10 0.61 0.00	36.79 0.58 0.00
MARSHVLE_115KV_TB1 80742	38.62 2.99 0.00	35.59 2.54 -3.89	28.24 2.24 0.00	26.09 2.04 0.00	26.19 2.05 0.00	30.83 2.55 0.00	37.77 2.67 0.00	38.14 2.50 0.00	38.80 2.37 0.00	39.69 2.28 2.54	41.00 2.27 1.82	42.46 2.53 4.41	43.16 2.45 2.98	47.11 2.80 2.41	45.70 2.64 0.18	48.56 2.99 0.35	50.36 3.03 0.01	58.57 3.68 0.00	55.23 3.57 0.00	48.87 3.41 0.00	46.11 3.38 0.00	44.44 3.33 0.00	41.41 2.92 0.00	38.71 2.50 0.00
MARSH_HILL_WT_PWR 323713	35.91 0.28 0.00	29.54 0.38 0.00	26.55 0.55 0.00	24.36 0.31 0.00	24.55 0.41 0.00	28.73 0.45 0.00	35.10 0.00 0.00	35.57 -0.07 0.00	36.28 -0.15 0.00	36.94 -0.64 2.37	38.12 -0.73 1.71	39.16 -1.02 4.16	39.74 -1.14 2.81	43.09 -1.36 2.27	41.60 -1.47 0.17	44.03 -1.56 0.33	46.05 -1.28 0.01	53.79 -1.10 0.00	51.00 -0.67 0.00	45.46 0.00 0.00	43.07 0.34 0.00	41.36 0.25 0.00	38.29 -0.19 0.00	35.81 -0.40 0.00
MCINTYRE_115KV_TB2 80467	36.23 0.61 0.00	29.25 0.09 0.00	26.08 0.08 0.00	24.05 0.00 0.00	24.09 -0.05 0.00	28.42 0.14 0.00	35.94 0.84 0.00	36.57 0.93 0.00	37.08 0.66 0.00	39.73 0.72 0.94	40.57 0.69 0.68	43.46 0.75 1.63	43.16 0.57 1.10	46.48 0.65 0.89	43.78 0.61 0.07	46.21 0.41 0.13	47.76 0.43 0.00	55.44 0.55 0.00	52.60 0.93 0.00	46.59 1.14 0.00	43.80 1.07 0.00	42.34 1.23 0.00	39.68 1.19 0.00	37.19 0.98 0.00
MECO_____69_KV_BK1 80468	38.91 3.28 0.00	36.14 2.80 -4.18	28.42 2.42 0.00	26.28 2.24 0.00	26.36 2.22 0.00	31.05 2.77 0.00	38.12 3.02 0.00	38.64 2.99 0.00	39.34 2.91 0.00	40.21 2.80 2.54	41.52 2.80 1.83	43.02 3.10 4.42	43.76 3.06 2.98	47.67 3.36 2.41	46.22 3.16 0.18	49.15 3.58 0.36	51.02 3.69 0.01	59.39 4.50 0.00	55.91 4.24 0.00	49.32 3.86 0.00	46.45 3.72 0.00	44.73 3.62 0.00	41.68 3.19 0.00	38.96 2.75 0.00
MENANDS___115KV_TB5 355628	36.41 0.78 0.00	32.67 0.85 -2.66	26.70 0.70 0.00	24.79 0.75 0.00	24.86 0.72 0.00	29.04 0.76 0.00	35.59 0.49 0.00	36.22 0.57 0.00	37.05 0.62 0.00	38.12 0.64 2.48	39.34 0.57 1.78	40.67 0.62 4.29	41.54 0.74 2.90	45.07 0.70 2.34	43.80 0.74 0.18	46.41 0.83 0.34	48.13 0.80 0.01	55.88 0.99 0.00	52.44 0.78 0.00	46.00 0.55 0.00	43.16 0.43 0.00	41.56 0.45 0.00	38.87 0.38 0.00	36.64 0.43 0.00
MG INDUSTRY___DRP 24185	36.45 0.82 0.00	31.58 0.82 -1.61	26.76 0.75 0.00	24.79 0.75 0.00	24.88 0.75 0.00	29.07 0.79 0.00	35.63 0.53 0.00	36.22 0.57 0.00	36.97 0.55 0.00	38.00 0.48 2.43	39.21 0.41 1.75	40.56 0.44 4.22	41.36 0.52 2.85	44.92 0.51 2.31	43.63 0.56 0.17	46.23 0.64 0.34	47.99 0.66 0.01	55.71 0.82 0.00	52.39 0.72 0.00	46.05 0.59 0.00	43.25 0.51 0.00	41.64 0.53 0.00	38.95 0.46 0.00	36.68 0.47 0.00

MID___OSWEGATCHIE_HYD 23849	35.66 0.04 0.00	28.99 -0.06 0.11	25.98 -0.03 0.00	23.90 -0.14 0.00	24.06 -0.07 0.00	28.25 -0.03 0.00	34.99 -0.11 0.00	35.57 -0.07 0.00	36.21 -0.22 0.00	38.12 -0.44 1.40	39.22 -0.32 1.00	41.65 -0.27 2.42	41.44 -0.61 1.64	44.79 -0.61 1.32	42.58 -0.56 0.10	45.04 -0.69 0.19	46.48 -0.85 0.01	54.18 -0.71 0.00	51.41 -0.26 0.00	45.46 0.00 0.00	43.12 0.38 0.00	41.60 0.49 0.00	38.95 0.46 0.00	36.46 0.25 0.00
MID___RAQUETTE_HYD 23851	34.92 -0.71 0.00	28.26 -0.90 0.00	25.20 -0.81 0.00	23.25 -0.79 0.00	23.29 -0.84 0.00	27.29 -0.99 0.00	34.50 -0.60 0.00	35.15 -0.50 0.00	35.70 -0.73 0.00	38.19 -0.72 1.04	39.07 -0.73 0.75	41.82 -0.71 1.81	41.38 -1.09 1.22	44.61 -1.12 0.99	42.05 -1.12 0.07	44.36 -1.42 0.15	45.82 -1.51 0.00	53.13 -1.76 0.00	50.27 -1.40 0.00	44.41 -1.05 0.00	42.73 0.00 0.00	41.31 0.21 0.00	38.79 0.31 0.00	36.39 0.18 0.00
MILLIKEN___1 23584	36.27 0.64 0.00	29.86 0.70 0.00	26.70 0.70 0.00	24.58 0.53 0.00	24.74 0.60 0.00	29.02 0.74 0.00	35.59 0.49 0.00	36.04 0.39 0.00	36.79 0.36 0.00	38.25 0.08 1.79	39.43 0.16 1.28	41.48 0.18 3.03	41.77 0.13 2.05	45.15 0.09 1.66	43.16 0.04 0.12	45.82 0.14 0.24	47.47 0.14 0.01	55.28 0.38 0.00	52.24 0.57 0.00	46.09 0.64 0.00	43.46 0.73 0.00	41.68 0.58 0.00	38.87 0.38 0.00	36.35 0.14 0.00
MILLIKEN___2 23585	36.27 0.64 0.00	29.86 0.70 0.00	26.70 0.70 0.00	24.58 0.53 0.00	24.74 0.60 0.00	29.02 0.74 0.00	35.59 0.49 0.00	36.04 0.39 0.00	36.79 0.36 0.00	38.25 0.08 1.79	39.43 0.16 1.28	41.48 0.18 3.03	41.77 0.13 2.05	45.15 0.09 1.66	43.16 0.04 0.12	45.82 0.14 0.24	47.47 0.14 0.01	55.28 0.38 0.00	52.24 0.57 0.00	46.09 0.64 0.00	43.46 0.73 0.00	41.68 0.58 0.00	38.87 0.38 0.00	36.35 0.14 0.00
MILLIKEN___DIESEL 23629	36.27 0.64 0.00	29.86 0.70 0.00	26.70 0.70 0.00	24.58 0.53 0.00	24.74 0.60 0.00	29.02 0.74 0.00	35.59 0.49 0.00	36.04 0.39 0.00	36.79 0.36 0.00	38.25 0.08 1.79	39.43 0.16 1.28	41.48 0.18 3.03	41.77 0.13 2.05	45.15 0.09 1.66	43.16 0.04 0.12	45.82 0.14 0.24	47.47 0.14 0.01	55.28 0.38 0.00	52.24 0.57 0.00	46.09 0.64 0.00	43.46 0.73 0.00	41.68 0.58 0.00	38.87 0.38 0.00	36.35 0.14 0.00
MILLSEAT___LFGE 323607	34.95 -0.68 0.00	28.73 -0.44 0.00	25.90 -0.10 0.00	23.59 -0.46 0.00	23.85 -0.29 0.00	27.80 -0.48 0.00	33.91 -1.19 0.00	34.40 -1.25 0.00	35.04 -1.38 0.00	35.33 -2.04 2.59	36.54 -2.15 1.86	37.31 -2.53 4.50	38.03 -2.62 3.04	41.46 -2.80 2.46	40.03 -3.03 0.18	42.21 -3.35 0.36	44.49 -2.84 0.01	51.93 -2.96 0.00	49.14 -2.53 0.00	44.18 -1.27 0.00	41.83 -0.90 0.00	40.20 -0.90 0.00	36.94 -1.54 0.00	34.80 -1.41 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	37.94 2.32 0.00	31.69 2.16 -0.37	27.80 1.79 0.00	25.90 1.85 0.00	25.99 1.86 0.00	30.23 1.95 0.00	36.96 1.86 0.00	37.85 2.21 0.00	38.76 2.33 0.00	40.42 2.76 2.28	41.63 2.72 1.64	43.30 2.93 3.96	44.07 3.06 2.68	47.87 3.32 2.17	46.28 3.20 0.16	49.19 3.58 0.32	51.02 3.69 0.01	59.39 4.50 0.00	55.49 3.82 0.00	48.46 3.00 0.00	45.25 2.52 0.00	43.41 2.30 0.00	40.64 2.16 0.00	38.35 2.14 0.00
MILLWOOD_13_KV_LOAD 356217	38.05 2.42 0.00	31.77 2.25 -0.37	27.87 1.87 0.00	25.97 1.92 0.00	26.07 1.93 0.00	30.32 2.04 0.00	37.07 1.97 0.00	37.96 2.32 0.00	38.87 2.44 0.00	40.58 2.92 2.28	41.79 2.88 1.64	43.52 3.15 3.96	44.25 3.23 2.68	48.10 3.55 2.17	46.54 3.46 0.16	49.60 4.00 0.32	51.45 4.12 0.01	59.83 4.94 0.00	55.91 4.24 0.00	48.77 3.32 0.00	45.42 2.69 0.00	43.57 2.47 0.00	40.75 2.27 0.00	38.49 2.28 0.00
MODEL_CITY_ENERGY 24167	33.81 -1.82 0.00	27.82 -1.34 0.00	25.12 -0.88 0.00	22.96 -1.08 0.00	23.19 -0.94 0.00	27.01 -1.27 0.00	32.75 -2.35 0.00	33.11 -2.53 0.00	33.73 -2.70 0.00	33.91 -3.44 2.61	35.11 -3.57 1.87	35.68 -4.12 4.54	36.57 -4.06 3.06	39.80 -4.44 2.48	38.56 -4.50 0.19	40.74 -4.82 0.36	43.16 -4.17 0.01	50.28 -4.61 0.00	47.53 -4.14 0.00	42.68 -2.77 0.00	40.30 -2.43 0.00	38.72 -2.39 0.00	35.71 -2.77 0.00	33.67 -2.54 0.00
MODERN_LFGE___ 323580	33.81 -1.82 0.00	27.82 -1.34 0.00	25.12 -0.88 0.00	22.96 -1.08 0.00	23.19 -0.94 0.00	27.01 -1.27 0.00	32.75 -2.35 0.00	33.11 -2.53 0.00	33.73 -2.70 0.00	33.91 -3.44 2.61	35.11 -3.57 1.87	35.68 -4.12 4.54	36.57 -4.06 3.06	39.80 -4.44 2.48	38.56 -4.50 0.19	40.74 -4.82 0.36	43.16 -4.17 0.01	50.28 -4.61 0.00	47.53 -4.14 0.00	42.68 -2.77 0.00	40.30 -2.43 0.00	38.72 -2.39 0.00	35.71 -2.77 0.00	33.67 -2.54 0.00
MOHAWK_PAPER___DRP 24187	36.66 1.03 0.00	32.96 1.02 -2.78	26.86 0.86 0.00	24.91 0.87 0.00	25.00 0.87 0.00	29.21 0.93 0.00	35.80 0.70 0.00	36.43 0.78 0.00	37.27 0.84 0.00	38.31 0.84 2.48	39.58 0.81 1.78	40.93 0.89 4.30	41.79 1.00 2.90	45.35 0.98 2.35	44.06 0.99 0.18	46.68 1.10 0.35	48.42 1.09 0.01	56.26 1.37 0.00	52.81 1.14 0.00	46.32 0.86 0.00	43.46 0.73 0.00	41.85 0.74 0.00	39.14 0.65 0.00	36.86 0.65 0.00
MOHICAN___35_KV_115KV_LD 80490	38.41 2.78 0.00	35.83 2.42 -4.25	28.08 2.08 0.00	25.99 1.95 0.00	26.02 1.88 0.00	30.57 2.29 0.00	37.52 2.42 0.00	38.14 2.50 0.00	38.32 1.89 0.00	39.26 1.84 2.53	40.48 1.74 1.82	41.98 2.04 4.40	42.82 2.10 2.97	46.60 2.29 2.40	45.23 2.16 0.18	48.05 2.48 0.35	49.51 2.18 0.01	57.58 2.69 0.00	53.94 2.27 0.00	47.27 1.82 0.00	44.40 1.67 0.00	43.00 1.89 0.00	40.10 1.62 0.00	37.84 1.63 0.00
MONGAUP___HYD 23641	37.48 1.85 0.00	31.21 1.72 -0.33	27.43 1.43 0.00	25.44 1.39 0.00	25.56 1.42 0.00	29.81 1.53 0.00	36.75 1.65 0.00	37.43 1.78 0.00	38.28 1.86 0.00	39.73 2.00 2.21	40.91 1.95 1.59	42.18 1.68 3.84	42.89 1.79 2.60	46.02 1.40 2.10	44.47 1.38 0.16	47.09 1.47 0.31	48.80 1.47 0.01	56.81 1.92 0.00	53.27 1.60 0.00	46.78 1.32 0.00	43.97 1.24 0.00	42.09 0.98 0.00	40.14 1.65 0.00	37.73 1.52 0.00
MONTAUK___DIESEL 23721	39.34 3.63 -0.08	32.54 3.00 -0.38	28.58 2.57 0.00	26.94 2.89 -0.01	26.94 2.80 0.00	31.40 3.11 -0.01	38.51 3.40 -0.01	39.54 3.89 -0.01	40.66 4.15 -0.08	42.86 4.75 1.84	44.25 4.34 0.64	46.15 4.30 2.49	46.91 4.06 0.85	50.69 4.25 0.28	63.31 4.15 -15.92	71.30 4.68 -20.68	82.49 4.78 -30.37	113.20 5.71 -52.60	108.90 5.12 -52.12	66.48 4.27 -16.76	63.71 3.55 -17.43	52.16 3.45 -7.60	42.56 3.39 -0.69	39.88 3.66 -0.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	35.41 -0.21 0.00	29.10 -0.06 0.00	26.26 0.26 0.00	24.00 -0.05 0.00	24.26 0.12 0.00	28.31 0.03 0.00	34.64 -0.46 0.00	34.93 -0.71 0.00	35.84 -0.58 0.00	36.09 -1.28 2.58	37.36 -1.34 1.85	38.16 -1.68 4.49	38.95 -1.70 3.03	42.35 -1.92 2.45	41.12 -1.95 0.18	43.32 -2.25 0.36	45.86 -1.47 0.01	53.24 -1.65 0.00	50.38 -1.29 0.00	45.23 -0.23 0.00	42.65 -0.09 0.00	40.66 -0.45 0.00	37.71 -0.77 0.00	35.19 -1.01 0.00

MORRIS_RIDGE___SOLAR 323848	35.20 -0.43 0.00	28.96 -0.20 0.00	26.05 0.05 0.00	23.90 -0.14 0.00	24.09 -0.05 0.00	28.17 -0.11 0.00	34.33 -0.77 0.00	34.79 -0.86 0.00	35.45 -0.98 0.00	36.00 -1.48 2.47	37.15 -1.62 1.78	37.94 -2.08 4.32	38.63 -2.14 2.92	42.02 -2.33 2.36	40.61 -2.46 0.18	42.96 -2.62 0.35	45.10 -2.22 0.01	52.59 -2.30 0.00	49.86 -1.81 0.00	44.59 -0.87 0.00	42.18 -0.56 0.00	40.53 -0.58 0.00	37.48 -1.00 0.00	35.16 -1.05 0.00
MORTIMER_115KV_TB3 55949	34.95 -0.68 0.00	28.75 -0.41 0.00	25.82 -0.18 0.00	23.59 -0.46 0.00	23.82 -0.31 0.00	27.80 -0.48 0.00	34.05 -1.05 0.00	34.36 -1.28 0.00	35.23 -1.20 0.00	35.60 -1.80 2.55	36.97 -1.74 1.83	37.96 -1.95 4.43	38.56 -2.14 2.99	42.05 -2.24 2.42	40.81 -2.25 0.18	43.00 -2.57 0.36	45.01 -2.32 0.01	52.42 -2.47 0.00	49.60 -2.07 0.00	44.23 -1.23 0.00	41.79 -0.94 0.00	39.92 -1.19 0.00	37.10 -1.39 0.00	34.76 -1.45 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	38.26 2.64 0.00	31.92 2.39 -0.37	28.00 2.00 0.00	26.07 2.02 0.00	26.16 2.03 0.00	30.40 2.12 0.00	37.21 2.11 0.00	38.14 2.50 0.00	39.09 2.66 0.00	40.86 3.20 2.29	42.03 3.12 1.64	43.78 3.41 3.97	44.50 3.50 2.68	48.29 3.74 2.17	46.67 3.59 0.16	49.56 3.95 0.32	51.40 4.07 0.01	59.83 4.94 0.00	55.85 4.19 0.00	48.77 3.32 0.00	45.60 2.86 0.00	43.78 2.67 0.00	40.99 2.50 0.00	38.71 2.50 0.00
MUNSVILLE_WIND_PWR 323609	38.37 2.74 0.00	31.60 2.30 -0.13	28.19 2.18 0.00	25.87 1.83 0.00	26.14 2.00 0.00	30.83 2.55 0.00	37.52 2.42 0.00	38.25 2.60 0.00	38.91 2.48 0.00	39.75 2.12 2.32	41.19 2.31 1.67	43.05 2.71 3.99	43.26 2.27 2.70	47.01 2.47 2.18	45.37 2.29 0.16	48.18 2.57 0.32	49.74 2.41 0.01	58.07 3.18 0.00	55.23 3.56 0.00	48.91 3.45 0.00	46.15 3.42 0.00	44.44 3.33 0.00	41.06 2.58 0.00	38.38 2.17 0.00
N SALMON___HYD 24042	36.23 0.61 0.00	29.42 0.26 0.00	26.23 0.23 0.00	24.22 0.17 0.00	24.21 0.07 0.00	28.48 0.20 0.00	36.01 0.91 0.00	36.64 1.00 0.00	37.41 0.98 0.00	40.27 1.08 0.76	41.06 1.05 0.55	44.22 1.20 1.32	44.02 1.22 0.89	47.30 1.31 0.72	44.31 1.12 0.05	46.83 1.01 0.11	48.42 1.09 0.00	56.15 1.26 0.00	53.01 1.34 0.00	46.68 1.23 0.00	43.80 1.07 0.00	42.22 1.11 0.00	39.48 1.00 0.00	37.11 0.91 0.00
N.AKRON__115KV_KNAPP 355671	34.84 -0.78 0.00	28.67 -0.50 0.00	25.85 -0.16 0.00	23.52 -0.53 0.00	23.80 -0.34 0.00	27.74 -0.54 0.00	33.80 -1.30 0.00	34.08 -1.57 0.00	34.93 -1.49 0.00	34.96 -2.40 2.59	36.26 -2.43 1.86	36.99 -2.84 4.51	37.59 -3.06 3.05	41.08 -3.18 2.46	39.86 -3.20 0.18	41.98 -3.58 0.36	44.35 -2.98 0.01	51.65 -3.24 0.00	48.98 -2.69 0.00	44.05 -1.41 0.00	41.71 -1.03 0.00	39.67 -1.44 0.00	36.83 -1.65 0.00	34.47 -1.74 0.00
N.E_GEN_SANDY PD 24062	38.16 2.53 0.00	33.82 2.39 -2.27	31.08 2.08 -3.00	30.04 2.04 -3.95	30.51 2.08 -4.30	33.30 2.26 -2.76	37.21 2.11 0.00	47.41 2.03 -9.73	43.35 2.15 -4.77	39.93 2.36 2.38	41.23 2.39 1.71	42.74 2.53 4.13	44.14 2.67 2.22	48.93 2.99 0.78	45.80 2.73 0.17	48.76 3.17 0.33	50.50 3.17 0.01	62.70 3.84 -3.97	65.03 3.31 -10.05	62.51 2.68 -14.37	58.90 2.31 -13.86	52.94 2.05 -9.78	44.27 1.96 -3.82	38.27 2.06 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	37.84 2.21 0.00	31.62 2.10 -0.36	27.74 1.74 0.00	25.83 1.78 0.00	25.92 1.79 0.00	30.18 1.89 0.00	36.86 1.76 0.00	37.75 2.10 0.00	38.65 2.22 0.00	40.32 2.64 2.26	41.48 2.55 1.63	43.16 2.75 3.93	43.88 2.84 2.66	47.70 3.13 2.15	46.11 3.03 0.16	48.92 3.31 0.32	50.74 3.41 0.01	59.06 4.17 0.00	55.18 3.51 0.00	48.27 2.82 0.00	45.13 2.39 0.00	43.29 2.18 0.00	40.52 2.04 0.00	38.24 2.03 0.00
N.QUEENS_27_KV_LOAD 356247	38.52 2.89 -0.01	32.13 2.60 -0.38	28.19 2.18 -0.01	26.29 2.24 -0.01	26.41 2.27 -0.01	30.66 2.38 0.00	37.31 2.21 0.00	38.18 2.53 0.00	39.16 2.73 0.00	40.98 3.32 2.29	42.19 3.28 1.64	43.92 3.55 3.97	44.59 3.58 2.68	48.33 3.78 2.17	46.76 3.68 0.16	49.51 3.90 0.32	51.30 3.98 0.01	59.77 4.89 0.01	55.74 4.08 0.01	48.77 3.32 0.00	45.55 2.82 0.00	44.03 2.92 0.00	41.41 2.92 0.00	39.04 2.82 -0.01
N.TROY___115KV_TB1 355778	37.41 1.78 0.00	34.36 1.66 -3.54	27.46 1.46 0.00	25.44 1.39 0.00	25.54 1.40 0.00	29.86 1.58 0.00	36.54 1.44 0.00	37.04 1.39 0.00	37.81 1.38 0.00	38.89 1.44 2.50	40.17 1.42 1.80	41.55 1.55 4.34	42.42 1.66 2.93	46.12 1.78 2.37	44.71 1.64 0.18	47.51 1.93 0.35	49.22 1.89 0.01	57.20 2.31 0.00	53.63 1.96 0.00	47.05 1.59 0.00	44.14 1.41 0.00	42.46 1.36 0.00	39.72 1.23 0.00	37.51 1.30 0.00
NARROWS_GT1_1 24228	38.66 3.03 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.25 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.30 2.88 0.00	41.10 3.44 2.29	42.23 3.33 1.64	44.01 3.64 3.97	44.55 3.54 2.68	48.57 4.02 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.59 4.26 0.01	60.05 5.16 0.00	56.06 4.39 0.00	49.05 3.59 0.00	45.86 3.12 -0.01	44.03 2.92 -0.01	41.42 2.92 -0.01	39.04 2.83 -0.01
NARROWS_GT1_2 24229	38.66 3.03 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.25 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.30 2.88 0.00	41.10 3.44 2.29	42.23 3.33 1.64	44.01 3.64 3.97	44.55 3.54 2.68	48.57 4.02 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.59 4.26 0.01	60.05 5.16 0.00	56.06 4.39 0.00	49.05 3.59 0.00	45.86 3.12 -0.01	44.03 2.92 -0.01	41.42 2.92 -0.01	39.04 2.83 -0.01
NARROWS_GT1_3 24230	38.66 3.03 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.25 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.30 2.88 0.00	41.10 3.44 2.29	42.23 3.33 1.64	44.01 3.64 3.97	44.55 3.54 2.68	48.57 4.02 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.59 4.26 0.01	60.05 5.16 0.00	56.06 4.39 0.00	49.05 3.59 0.00	45.86 3.12 -0.01	44.03 2.92 -0.01	41.42 2.92 -0.01	39.04 2.83 -0.01
NARROWS_GT1_4 24231	38.66 3.03 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.25 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.30 2.88 0.00	41.10 3.44 2.29	42.23 3.33 1.64	44.01 3.64 3.97	44.55 3.54 2.68	48.57 4.02 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.59 4.26 0.01	60.05 5.16 0.00	56.06 4.39 0.00	49.05 3.59 0.00	45.86 3.12 -0.01	44.03 2.92 -0.01	41.42 2.92 -0.01	39.04 2.83 -0.01
NARROWS_GT1_5 24232	38.66 3.03 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.25 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.30 2.88 0.00	41.10 3.44 2.29	42.23 3.33 1.64	44.01 3.64 3.97	44.55 3.54 2.68	48.57 4.02 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.59 4.26 0.01	60.05 5.16 0.00	56.06 4.39 0.00	49.05 3.59 0.00	45.86 3.12 -0.01	44.03 2.92 -0.01	41.42 2.92 -0.01	39.04 2.83 -0.01

NARROWS_GT1_6 24233	38.66 3.03 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.25 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.30 2.88 0.00	41.10 3.44 2.29	42.23 3.33 1.64	44.01 3.64 3.97	44.55 3.54 2.68	48.57 4.02 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.59 4.26 0.01	60.05 5.16 0.00	56.06 4.39 0.00	49.05 3.59 0.00	45.86 3.12 -0.01	44.03 2.92 -0.01	41.42 2.92 -0.01	39.04 2.83 -0.01
NARROWS_GT1_7 24234	38.66 3.03 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.25 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.30 2.88 0.00	41.10 3.44 2.29	42.23 3.33 1.64	44.01 3.64 3.97	44.55 3.54 2.68	48.57 4.02 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.59 4.26 0.01	60.05 5.16 0.00	56.06 4.39 0.00	49.05 3.59 0.00	45.86 3.12 -0.01	44.03 2.92 -0.01	41.42 2.92 -0.01	39.04 2.83 -0.01
NARROWS_GT1_8 24235	38.66 3.03 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.25 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.30 2.88 0.00	41.10 3.44 2.29	42.23 3.33 1.64	44.01 3.64 3.97	44.55 3.54 2.68	48.57 4.02 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.59 4.26 0.01	60.05 5.16 0.00	56.06 4.39 0.00	49.05 3.59 0.00	45.86 3.12 -0.01	44.03 2.92 -0.01	41.42 2.92 -0.01	39.04 2.83 -0.01
NARROWS_GT2_1 24236	38.66 3.03 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.25 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.30 2.88 0.00	41.10 3.44 2.29	42.23 3.33 1.64	44.01 3.64 3.97	44.55 3.54 2.68	48.57 4.02 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.59 4.26 0.01	60.05 5.16 0.00	56.06 4.39 0.00	49.05 3.59 0.00	45.86 3.12 -0.01	44.03 2.92 -0.01	41.42 2.92 -0.01	39.04 2.83 -0.01
NARROWS_GT2_2 24237	38.66 3.03 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.25 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.30 2.88 0.00	41.10 3.44 2.29	42.23 3.33 1.64	44.01 3.64 3.97	44.55 3.54 2.68	48.57 4.02 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.59 4.26 0.01	60.05 5.16 0.00	56.06 4.39 0.00	49.05 3.59 0.00	45.86 3.12 -0.01	44.03 2.92 -0.01	41.42 2.92 -0.01	39.04 2.83 -0.01
NARROWS_GT2_3 24238	38.66 3.03 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.25 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.30 2.88 0.00	41.10 3.44 2.29	42.23 3.33 1.64	44.01 3.64 3.97	44.55 3.54 2.68	48.57 4.02 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.59 4.26 0.01	60.05 5.16 0.00	56.06 4.39 0.00	49.05 3.59 0.00	45.86 3.12 -0.01	44.03 2.92 -0.01	41.42 2.92 -0.01	39.04 2.83 -0.01
NARROWS_GT2_4 24239	38.66 3.03 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.25 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.30 2.88 0.00	41.10 3.44 2.29	42.23 3.33 1.64	44.01 3.64 3.97	44.55 3.54 2.68	48.57 4.02 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.59 4.26 0.01	60.05 5.16 0.00	56.06 4.39 0.00	49.05 3.59 0.00	45.86 3.12 -0.01	44.03 2.92 -0.01	41.42 2.92 -0.01	39.04 2.83 -0.01
NARROWS_GT2_5 24240	38.66 3.03 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.25 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.30 2.88 0.00	41.10 3.44 2.29	42.23 3.33 1.64	44.01 3.64 3.97	44.55 3.54 2.68	48.57 4.02 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.59 4.26 0.01	60.05 5.16 0.00	56.06 4.39 0.00	49.05 3.59 0.00	45.86 3.12 -0.01	44.03 2.92 -0.01	41.42 2.92 -0.01	39.04 2.83 -0.01
NARROWS_GT2_6 24241	38.66 3.03 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.25 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.30 2.88 0.00	41.10 3.44 2.29	42.23 3.33 1.64	44.01 3.64 3.97	44.55 3.54 2.68	48.57 4.02 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.59 4.26 0.01	60.05 5.16 0.00	56.06 4.39 0.00	49.05 3.59 0.00	45.86 3.12 -0.01	44.03 2.92 -0.01	41.42 2.92 -0.01	39.04 2.83 -0.01
NARROWS_GT2_7 24242	38.66 3.03 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.25 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.30 2.88 0.00	41.10 3.44 2.29	42.23 3.33 1.64	44.01 3.64 3.97	44.55 3.54 2.68	48.57 4.02 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.59 4.26 0.01	60.05 5.16 0.00	56.06 4.39 0.00	49.05 3.59 0.00	45.86 3.12 -0.01	44.03 2.92 -0.01	41.42 2.92 -0.01	39.04 2.83 -0.01
NARROWS_GT2_8 24243	38.66 3.03 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.25 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.30 2.88 0.00	41.10 3.44 2.29	42.23 3.33 1.64	44.01 3.64 3.97	44.55 3.54 2.68	48.57 4.02 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.59 4.26 0.01	60.05 5.16 0.00	56.06 4.39 0.00	49.05 3.59 0.00	45.86 3.12 -0.01	44.03 2.92 -0.01	41.42 2.92 -0.01	39.04 2.83 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	37.23 1.60 0.00	31.72 1.02 -1.54	27.25 1.25 0.00	25.22 1.18 0.00	25.29 1.16 0.00	29.64 1.36 0.00	36.36 1.26 0.00	36.86 1.21 0.00	37.56 1.13 0.00	38.54 1.00 2.41	39.71 0.89 1.73	41.01 0.84 4.17	41.88 1.00 2.82	45.47 1.03 2.28	44.07 0.99 0.17	46.56 0.96 0.34	48.32 0.99 0.01	56.21 1.32 0.00	52.91 1.24 0.00	46.64 1.18 0.00	44.01 1.28 0.00	42.34 1.23 0.00	39.68 1.19 0.00	37.29 1.09 0.00
NCHELSEA_115KV_TR2 355582	38.12 2.49 0.00	31.89 2.33 -0.39	27.93 1.92 0.00	25.95 1.90 0.00	26.07 1.93 0.00	30.37 2.09 0.00	37.17 2.07 0.00	37.93 2.28 0.00	38.87 2.44 0.00	40.47 2.80 2.28	41.63 2.72 1.64	43.22 2.84 3.96	43.99 2.97 2.68	47.82 3.27 2.16	46.20 3.11 0.16	49.01 3.40 0.32	50.78 3.46 0.01	59.06 4.17 0.00	55.23 3.57 0.00	48.41 2.95 0.00	45.34 2.61 0.00	43.49 2.38 0.00	40.72 2.23 0.00	38.38 2.17 0.00
NEG CAPITAL___MECHNVIL 23645	37.73 2.10 0.00	35.27 2.07 -4.04	27.79 1.79 0.00	25.73 1.68 0.00	25.80 1.66 0.00	30.23 1.95 0.00	37.06 1.96 0.00	37.39 1.75 0.00	38.28 1.86 0.00	39.31 1.88 2.52	40.61 1.87 1.81	42.05 2.08 4.38	42.87 2.14 2.96	46.71 2.38 2.39	45.27 2.20 0.18	48.10 2.52 0.35	49.74 2.41 0.01	57.85 2.96 0.00	54.30 2.63 0.00	47.64 2.18 0.00	44.70 1.97 0.00	43.04 1.93 0.00	40.22 1.73 0.00	37.88 1.67 0.00
NEG CENTRAL_HIGH_ACRES 23767	34.42 -1.21 0.00	28.32 -0.85 0.00	25.38 -0.62 0.00	23.25 -0.79 0.00	23.44 -0.70 0.00	27.37 -0.91 0.00	33.59 -1.51 0.00	34.04 -1.60 0.00	34.79 -1.64 0.00	35.50 -2.08 2.37	36.78 -2.07 1.71	37.96 -2.26 4.12	38.55 -2.36 2.78	41.90 -2.57 2.25	40.44 -2.64 0.17	42.75 -2.85 0.33	44.68 -2.65 0.01	52.03 -2.86 0.00	49.09 -2.58 0.00	43.64 -1.82 0.00	41.24 -1.50 0.00	39.63 -1.48 0.00	36.68 -1.81 0.00	34.47 -1.74 0.00



NEG CENTRAL___DRP 24199	36.02 0.39 0.00	29.63 0.47 0.00	26.55 0.55 0.00	24.38 0.34 0.00	24.55 0.41 0.00	28.82 0.54 0.00	35.38 0.28 0.00	35.82 0.18 0.00	36.61 0.18 0.00	38.80 -0.24 0.91	39.77 -0.12 0.66	42.38 -0.35 1.61	42.17 -0.44 1.08	45.28 -0.56 0.88	42.57 -0.61 0.07	45.25 -0.55 0.13	46.43 -0.90 0.01	54.07 -0.82 0.00	51.10 -0.57 0.00	45.18 -0.27 0.00	42.60 -0.13 0.00	40.82 -0.29 0.00	38.14 -0.35 0.00	35.67 -0.54 0.00
NEG CENTRAL___INDECK 23768	36.16 0.54 0.00	29.71 0.55 0.00	26.73 0.73 0.00	24.38 0.34 0.00	24.59 0.46 0.00	28.79 0.51 0.00	35.21 0.11 0.00	35.54 -0.11 0.00	36.06 -0.36 0.00	36.54 -0.96 2.45	37.74 -1.05 1.76	38.78 -1.29 4.27	39.40 -1.40 2.89	42.84 -1.54 2.33	41.38 -1.69 0.17	43.70 -1.89 0.34	45.86 -1.47 0.01	53.68 -1.21 0.00	51.05 -0.62 0.00	45.82 0.36 0.00	43.59 0.85 0.00	41.81 0.70 0.00	38.56 0.08 0.00	36.10 -0.11 0.00
NEG CENTRAL___SENECA 23627	36.41 0.78 0.00	29.95 0.79 0.00	26.86 0.86 0.00	24.67 0.63 0.00	24.86 0.72 0.00	29.19 0.90 0.00	35.77 0.67 0.00	36.25 0.61 0.00	37.01 0.58 0.00	38.74 0.12 1.33	39.80 0.20 0.96	41.81 -0.18 2.35	41.84 -0.26 1.59	45.01 -0.42 1.28	42.67 -0.48 0.10	45.42 -0.32 0.19	46.38 -0.95 0.01	54.07 -0.82 0.00	51.15 -0.52 0.00	45.32 -0.14 0.00	42.82 0.09 0.00	40.94 -0.16 0.00	38.29 -0.19 0.00	35.74 -0.47 0.00
NEG CENTRAL___STATE_STREET 24147	35.73 0.11 0.00	29.42 0.26 0.00	26.34 0.34 0.00	24.21 0.17 0.00	24.35 0.22 0.00	28.56 0.28 0.00	35.10 0.00 0.00	35.54 -0.11 0.00	36.35 -0.07 0.00	38.85 -0.32 0.78	39.75 -0.24 0.56	42.72 -0.27 1.35	42.43 -0.35 0.91	45.56 -0.42 0.74	42.71 -0.48 0.06	45.31 -0.51 0.11	46.81 -0.52 0.00	54.45 -0.44 0.00	51.41 -0.26 0.00	45.32 -0.14 0.00	42.69 -0.04 0.00	40.98 -0.12 0.00	38.21 -0.27 0.00	35.74 -0.47 0.00
NEG MILLWOOD___DRP 24198	38.26 2.64 0.00	31.97 2.42 -0.39	28.00 2.00 0.00	26.07 2.02 0.00	26.16 2.03 0.00	30.46 2.18 0.00	37.28 2.18 0.00	38.14 2.50 0.00	39.05 2.62 0.00	40.74 3.08 2.29	41.99 3.08 1.65	43.69 3.33 3.98	44.46 3.45 2.69	48.42 3.88 2.17	46.89 3.81 0.16	50.11 4.50 0.32	51.92 4.59 0.01	60.38 5.49 0.00	56.42 4.75 0.00	49.14 3.68 0.00	45.68 2.95 0.00	43.82 2.71 0.00	40.95 2.46 0.00	38.63 2.43 0.00
NEG NORTH_FLCN_SEA 23793	36.09 0.46 0.00	29.34 0.17 0.00	26.16 0.16 0.00	24.14 0.10 0.00	24.18 0.05 0.00	28.42 0.14 0.00	35.84 0.74 0.00	36.46 0.82 0.00	37.19 0.76 0.00	40.07 0.88 0.55	40.90 0.89 1.32	43.99 0.98 0.89	43.76 0.96 0.72	47.07 1.07 0.05	44.10 0.91 0.11	46.65 0.83 0.00	48.23 0.90 0.00	55.93 1.04 0.00	52.75 1.09 0.00	46.46 1.00 0.00	43.84 1.11 0.00	42.22 1.11 0.00	39.52 1.04 0.00	37.19 0.98 0.00
NEG NORTH_KES_CHATEGAY 23792	35.81 0.18 0.00	29.10 -0.06 0.00	25.95 -0.05 0.00	23.95 -0.10 0.00	23.99 -0.14 0.00	28.20 -0.08 0.00	35.56 0.46 0.00	36.14 0.50 0.00	36.86 0.44 0.00	39.67 0.48 0.76	40.49 0.49 0.55	43.55 0.53 1.32	43.32 0.52 0.89	46.60 0.61 0.72	43.67 0.48 0.05	46.23 0.41 0.11	47.81 0.47 0.00	55.39 0.49 0.00	52.29 0.62 0.00	46.05 0.59 0.00	43.42 0.68 0.00	41.81 0.70 0.00	39.18 0.69 0.00	36.86 0.65 0.00
NEG NORTH___ALICE_FALLS 23915	36.34 0.71 0.00	29.51 0.35 0.00	26.31 0.31 0.00	24.26 0.22 0.00	24.26 0.12 0.00	28.56 0.28 0.00	36.12 1.02 0.00	36.75 1.10 0.00	37.45 1.02 0.00	40.31 1.12 0.76	41.06 1.05 0.55	44.22 1.20 1.32	43.98 1.18 0.89	47.40 1.40 0.72	44.36 1.17 0.05	46.83 1.01 0.11	48.47 1.14 0.00	56.04 1.15 0.00	52.91 1.24 0.00	46.59 1.14 0.00	43.97 1.24 0.00	42.34 1.23 0.00	39.64 1.15 0.00	37.29 1.09 0.00
NEG NORTH___LWR_SARANAC 23913	36.34 0.71 0.00	29.51 0.35 0.00	26.31 0.31 0.00	24.26 0.22 0.00	24.26 0.12 0.00	28.56 0.28 0.00	36.12 1.02 0.00	36.75 1.10 0.00	37.45 1.02 0.00	40.31 1.12 0.76	41.06 1.05 0.55	44.22 1.20 1.32	43.98 1.18 0.89	47.40 1.40 0.72	44.36 1.17 0.05	46.83 1.01 0.11	48.47 1.14 0.00	56.04 1.15 0.00	52.91 1.24 0.00	46.59 1.14 0.00	43.97 1.24 0.00	42.34 1.23 0.00	39.64 1.15 0.00	37.29 1.09 0.00
NEG NORTH___PLATTSBURG 23628	36.38 0.75 0.00	29.51 0.35 0.00	26.31 0.31 0.00	24.26 0.22 0.00	24.26 0.12 0.00	28.56 0.28 0.00	36.12 1.02 0.00	36.75 1.11 0.00	37.45 1.02 0.00	40.31 1.12 0.76	41.06 1.05 0.55	44.22 1.20 1.32	44.02 1.22 0.89	47.35 1.36 0.72	44.36 1.17 0.05	46.83 1.01 0.11	48.47 1.13 0.00	56.05 1.15 0.00	52.91 1.24 0.00	46.59 1.14 0.00	43.97 1.24 0.00	42.34 1.23 0.00	39.64 1.15 0.00	37.29 1.09 0.00
NEG WEST_LEA_LOCKPORT 23791	34.10 -1.53 0.00	28.05 -1.11 0.00	25.33 -0.68 0.00	23.13 -0.91 0.00	23.39 -0.75 0.00	27.23 -1.05 0.00	33.06 -2.04 0.00	33.22 -2.42 0.00	34.06 -2.37 0.00	34.04 -3.32 2.60	35.32 -3.37 1.87	35.96 -3.86 4.52	36.70 -3.93 3.06	39.99 -4.25 2.47	38.91 -4.15 0.19	41.02 -4.55 0.36	43.49 -3.83 0.01	50.61 -4.28 0.00	48.00 -3.67 0.00	43.09 -2.36 0.00	40.68 -2.05 0.00	38.72 -2.38 0.00	36.06 -2.42 0.00	33.75 -2.46 0.00
NEG WEST___LANCASTER 23811	34.42 -1.21 0.00	28.32 -0.85 0.00	25.53 -0.47 0.00	23.35 -0.70 0.00	23.60 -0.53 0.00	27.52 -0.76 0.00	33.59 -1.51 0.00	33.90 -1.75 0.00	34.72 -1.71 0.00	34.89 -2.48 2.58	36.18 -2.51 1.86	36.92 -2.93 4.50	37.73 -2.93 3.04	41.08 -3.18 2.46	39.99 -3.07 0.18	42.26 -3.31 0.36	44.68 -2.65 0.01	51.93 -2.96 0.00	49.14 -2.53 0.00	44.00 -1.45 0.00	41.45 -1.28 0.00	39.50 -1.60 0.00	36.71 -1.77 0.00	34.25 -1.96 0.00
NEG_PENN_ALLEGHNY 23528	35.95 0.32 0.00	29.57 0.41 0.00	26.47 0.47 0.00	24.38 0.34 0.00	24.55 0.41 0.00	28.73 0.45 0.00	35.21 0.11 0.00	35.75 0.11 0.00	36.57 0.15 0.00	37.37 -0.08 2.51	38.71 -0.04 1.80	39.94 -0.04 4.36	40.66 -0.09 2.94	44.24 -0.09 2.38	42.94 -0.13 0.18	45.39 -0.18 0.35	47.28 -0.05 0.01	54.95 0.05 0.00	51.82 0.16 0.00	45.78 0.32 0.00	43.07 0.34 0.00	41.40 0.29 0.00	38.52 0.04 0.00	36.14 -0.07 0.00
NEG___GEN_MONROE 24207	35.20 -0.43 0.00	28.96 -0.20 0.00	25.98 -0.03 0.00	23.69 -0.36 0.00	23.94 -0.19 0.00	27.94 -0.34 0.00	34.19 -0.91 0.00	34.47 -1.18 0.00	35.26 -1.17 0.00	35.52 -1.88 2.55	36.85 -1.87 1.83	37.77 -2.13 4.44	38.33 -2.36 3.00	41.86 -2.43 2.42	40.64 -2.42 0.18	42.82 -2.76 0.36	44.87 -2.46 0.01	52.31 -2.58 0.00	49.50 -2.17 0.00	44.27 -1.18 0.00	41.84 -0.90 0.00	39.92 -1.19 0.00	37.10 -1.39 0.00	34.76 -1.45 0.00
NEPA___ENERGY 23901	35.02 -0.61 0.00	28.81 -0.35 0.00	25.98 -0.03 0.00	23.78 -0.26 0.00	24.04 -0.10 0.00	28.03 -0.25 0.00	34.19 -0.91 0.00	34.50 -1.14 0.00	35.33 -1.09 0.00	35.57 -1.80 2.59	36.83 -1.87 1.86	37.62 -2.22 4.51	38.42 -2.23 3.04	41.83 -2.43 2.46	40.64 -2.42 0.18	42.81 -2.76 0.36	45.24 -2.08 0.01	52.64 -2.25 0.00	49.76 -1.91 0.00	44.55 -0.91 0.00	42.01 -0.73 0.00	40.04 -1.07 0.00	37.18 -1.31 0.00	34.72 -1.48 0.00

NEVERSINK___HYD 23608	38.02 2.39 0.00	31.71 2.16 -0.39	27.77 1.77 0.00	25.75 1.71 0.00	25.87 1.74 0.00	30.20 1.92 0.00	37.03 1.93 0.00	37.78 2.14 0.00	38.69 2.26 0.00	40.21 2.44 2.18	41.42 2.43 1.57	43.04 2.48 3.78	43.67 2.53 2.56	47.60 2.94 2.07	45.90 2.81 0.15	48.52 2.90 0.30	50.22 2.89 0.01	58.46 3.57 0.00	54.87 3.20 0.00	48.18 2.73 0.00	45.30 2.56 0.00	43.33 2.22 0.00	40.64 2.15 0.00	38.20 1.99 0.00
NEWKRMKL_115KV_TB1 55635	36.30 0.68 0.00	32.45 0.73 -2.56	26.63 0.62 0.00	24.70 0.65 0.00	24.76 0.63 0.00	28.96 0.68 0.00	35.49 0.39 0.00	36.11 0.46 0.00	36.83 0.40 0.00	37.88 0.40 2.47	39.14 0.36 1.78	40.44 0.35 4.26	41.29 0.48 2.88	44.76 0.37 2.33	43.50 0.43 0.17	46.09 0.51 0.34	47.94 0.62 0.01	55.66 0.77 0.00	52.24 0.57 0.00	45.82 0.36 0.00	43.03 0.30 0.00	41.44 0.33 0.00	38.75 0.27 0.00	36.53 0.33 0.00
NEWTON___FALLS_HYD 23847	35.66 0.04 0.00	28.99 -0.06 0.11	25.98 -0.03 0.00	23.90 -0.14 0.00	24.06 -0.07 0.00	28.25 -0.03 0.00	34.99 -0.11 0.00	35.57 -0.07 0.00	36.21 -0.22 0.00	38.12 -0.44 1.40	39.22 -0.32 1.00	41.65 -0.27 2.42	41.44 -0.61 1.64	44.79 -0.61 1.32	42.58 -0.56 0.10	45.04 -0.69 0.19	46.48 -0.85 0.01	54.18 -0.71 0.00	51.41 -0.26 0.00	45.46 0.00 0.00	43.12 0.38 0.00	41.60 0.49 0.00	38.95 0.46 0.00	36.46 0.25 0.00
NGRID_A1_DSASP 323792	33.31 -2.32 0.00	27.44 -1.72 0.00	24.73 -1.27 0.00	22.65 -1.40 0.00	22.86 -1.28 0.00	26.61 -1.67 0.00	32.29 -2.81 0.00	32.61 -3.03 0.00	33.22 -3.21 0.00	33.42 -3.91 2.62	34.53 -4.14 1.89	35.08 -4.70 4.56	36.02 -4.59 3.08	39.13 -5.09 2.49	37.96 -5.10 0.19	40.09 -5.47 0.37	42.55 -4.78 0.01	49.51 -5.38 0.00	46.81 -4.86 0.00	42.00 -3.46 0.00	39.66 -3.08 0.00	38.11 -3.00 0.00	35.17 -3.31 0.00	33.20 -3.00 0.00
NGRID_A2_DSASP 323793	33.31 -2.32 0.00	27.44 -1.72 0.00	24.73 -1.27 0.00	22.65 -1.40 0.00	22.86 -1.28 0.00	26.61 -1.67 0.00	32.29 -2.81 0.00	32.61 -3.03 0.00	33.22 -3.21 0.00	33.42 -3.91 2.62	34.53 -4.14 1.89	35.08 -4.70 4.56	36.02 -4.59 3.08	39.13 -5.09 2.49	37.96 -5.10 0.19	40.09 -5.47 0.37	42.55 -4.78 0.01	49.51 -5.38 0.00	46.81 -4.86 0.00	42.00 -3.46 0.00	39.66 -3.08 0.00	38.11 -3.00 0.00	35.17 -3.31 0.00	33.20 -3.00 0.00
NGRID_A4_DSASP 323807	33.31 -2.32 0.00	27.44 -1.72 0.00	24.73 -1.27 0.00	22.65 -1.40 0.00	22.86 -1.28 0.00	26.61 -1.67 0.00	32.29 -2.81 0.00	32.61 -3.03 0.00	33.22 -3.21 0.00	33.42 -3.91 2.62	34.53 -4.14 1.89	35.08 -4.70 4.56	36.02 -4.59 3.08	39.13 -5.09 2.49	37.96 -5.10 0.19	40.09 -5.47 0.37	42.55 -4.78 0.01	49.51 -5.38 0.00	46.81 -4.86 0.00	42.00 -3.46 0.00	39.66 -3.08 0.00	38.11 -3.00 0.00	35.17 -3.31 0.00	33.20 -3.00 0.00
NIAGARA_115E_LBMP 323715	33.63 -1.99 0.00	27.68 -1.49 0.00	25.01 -0.99 0.00	22.87 -1.18 0.00	23.10 -1.04 0.00	26.90 -1.39 0.00	32.61 -2.49 0.00	32.93 -2.71 0.00	33.55 -2.88 0.00	33.71 -3.64 2.61	34.91 -3.77 1.88	35.41 -4.39 4.54	36.34 -4.28 3.07	39.57 -4.67 2.48	38.35 -4.71 0.19	40.51 -5.05 0.36	42.93 -4.40 0.01	50.01 -4.89 0.00	47.28 -4.39 0.00	42.45 -3.00 0.00	40.08 -2.65 0.00	38.52 -2.59 0.00	35.52 -2.96 0.00	33.53 -2.68 0.00
NIAGARA_115W_LBMP 323714	33.24 -2.39 0.00	27.38 -1.78 0.00	24.68 -1.33 0.00	22.58 -1.47 0.00	22.81 -1.33 0.00	26.55 -1.73 0.00	32.19 -2.91 0.00	32.54 -3.10 0.00	33.11 -3.31 0.00	33.30 -4.03 2.62	34.45 -4.22 1.89	34.99 -4.79 4.57	35.89 -4.72 3.08	38.99 -5.23 2.49	37.82 -5.23 0.19	40.00 -5.56 0.37	42.40 -4.92 0.01	49.40 -5.49 0.00	46.71 -4.96 0.00	41.91 -3.55 0.00	39.57 -3.16 0.00	38.02 -3.08 0.00	35.06 -3.43 0.00	33.13 -3.08 0.00
NIAGARA_230_LBMP 323716	33.77 -1.85 0.00	27.82 -1.34 0.00	25.07 -0.93 0.00	22.96 -1.08 0.00	23.17 -0.97 0.00	26.98 -1.30 0.00	32.75 -2.35 0.00	33.08 -2.57 0.00	33.70 -2.73 0.00	33.92 -3.40 2.63	35.05 -3.61 1.89	35.68 -4.08 4.58	36.58 -4.02 3.09	39.73 -4.49 2.50	38.52 -4.54 0.19	40.74 -4.82 0.37	43.16 -4.17 0.01	50.28 -4.61 0.00	47.53 -4.14 0.00	42.64 -2.82 0.00	40.25 -2.48 0.00	38.64 -2.47 0.00	35.68 -2.81 0.00	33.67 -2.54 0.00
NIAGARA___115KV_198_GIBSON 55903	33.21 -2.42 0.00	27.35 -1.81 0.00	24.68 -1.33 0.00	22.56 -1.49 0.00	22.81 -1.33 0.00	26.56 -1.73 0.00	32.19 -2.91 0.00	32.29 -3.35 0.00	33.11 -3.31 0.00	33.05 -4.27 2.62	34.29 -4.38 1.89	34.81 -4.97 4.57	35.58 -5.02 3.08	38.80 -5.42 2.49	37.83 -5.23 0.19	39.87 -5.69 0.37	42.31 -5.02 0.01	49.24 -5.65 0.00	46.71 -4.96 0.00	41.91 -3.55 0.00	39.57 -3.16 0.00	37.65 -3.45 0.00	35.06 -3.43 0.00	32.84 -3.37 0.00
NIAGARA____ 23760	33.77 -1.85 0.00	27.82 -1.34 0.00	25.07 -0.93 0.00	22.96 -1.08 0.00	23.17 -0.97 0.00	26.98 -1.30 0.00	32.75 -2.35 0.00	33.08 -2.57 0.00	33.70 -2.73 0.00	33.93 -3.40 2.62	35.06 -3.61 1.89	35.69 -4.08 4.57	36.59 -4.02 3.09	39.74 -4.49 2.50	38.52 -4.54 0.19	40.74 -4.82 0.37	43.16 -4.17 0.01	50.28 -4.61 0.00	47.53 -4.14 0.00	42.64 -2.82 0.00	40.25 -2.48 0.00	38.64 -2.47 0.00	35.68 -2.81 0.00	33.67 -2.54 0.00
NINE_MILE_1 23575	34.67 -0.96 0.00	28.43 -0.61 0.12	25.51 -0.49 0.00	23.54 -0.51 0.00	23.65 -0.48 0.00	27.69 -0.60 0.00	34.08 -1.02 0.00	34.40 -1.25 0.00	35.15 -1.28 0.00	29.94 -1.48 8.53	32.96 -1.46 6.13	27.94 -1.59 14.81	32.07 -1.62 10.00	36.90 -1.73 8.09	41.00 -1.64 0.61	42.99 -1.75 1.19	45.50 -1.80 0.04	52.92 -1.97 0.00	49.86 -1.81 0.00	43.96 -1.50 0.00	41.36 -1.37 0.00	39.75 -1.36 0.00	37.10 -1.38 0.00	34.91 -1.30 0.00
NINE_MILE_2 23744	34.67 -0.96 0.00	28.43 -0.61 0.12	25.51 -0.49 0.00	23.54 -0.51 0.00	23.65 -0.48 0.00	27.69 -0.60 0.00	34.08 -1.02 0.00	34.40 -1.25 0.00	35.15 -1.28 0.00	29.86 -1.48 8.62	32.90 -1.46 6.20	27.78 -1.59 14.96	31.97 -1.62 10.11	36.86 -1.68 8.17	40.99 -1.64 0.61	42.98 -1.75 1.20	45.50 -1.80 0.04	52.92 -1.97 0.00	49.86 -1.81 0.00	43.96 -1.50 0.00	41.36 -1.37 0.00	39.79 -1.32 0.00	37.10 -1.38 0.00	34.91 -1.30 0.00
NM_CAPITAL___DRP 24208	36.34 0.71 0.00	32.45 0.79 -2.51	26.65 0.65 0.00	24.74 0.70 0.00	24.81 0.68 0.00	28.99 0.71 0.00	35.52 0.42 0.00	36.14 0.50 0.00	36.94 0.51 0.00	38.00 0.52 2.47	39.26 0.49 1.78	40.59 0.53 4.28	41.41 0.61 2.89	44.94 0.56 2.34	43.68 0.61 0.18	46.27 0.69 0.34	48.04 0.71 0.01	55.71 0.82 0.00	52.29 0.62 0.00	45.91 0.45 0.00	43.07 0.34 0.00	41.48 0.37 0.00	38.79 0.31 0.00	36.57 0.36 0.00
NM_CENTRAL___DRP 24181	35.49 -0.14 0.00	29.11 0.06 0.11	26.13 0.13 0.00	24.07 0.02 0.00	24.21 0.07 0.00	28.37 0.08 0.00	34.82 -0.28 0.00	35.22 -0.43 0.00	36.06 -0.36 0.00	37.72 -0.60 1.63	38.89 -0.49 1.18	41.02 -0.52 2.84	41.25 -0.56 1.92	44.61 -0.56 1.55	42.57 -0.56 0.12	45.10 -0.60 0.23	46.72 -0.62 0.01	54.29 -0.60 0.00	51.20 -0.47 0.00	45.09 -0.36 0.00	42.43 -0.30 0.00	40.74 -0.37 0.00	38.02 -0.46 0.00	35.67 -0.54 0.00

NM_FRONTIER___DRP 24179	33.21 -2.42 0.00	27.35 -1.81 0.00	24.68 -1.33 0.00	22.56 -1.49 0.00	22.81 -1.33 0.00	26.56 -1.73 0.00	32.19 -2.91 0.00	32.29 -3.35 0.00	33.11 -3.31 0.00	33.05 -4.27 2.62	34.29 -4.38 1.89	34.81 -4.97 4.57	35.58 -5.02 3.08	38.80 -5.42 2.49	37.83 -5.23 0.19	39.87 -5.69 0.37	42.31 -5.02 0.01	49.24 -5.65 0.00	46.71 -4.96 0.00	41.91 -3.55 0.00	39.57 -3.16 0.00	37.65 -3.45 0.00	35.06 -3.43 0.00	32.84 -3.37 0.00
NM_ST_REGIS___HYD 24053	36.30 0.68 0.00	29.48 0.32 0.00	26.29 0.29 0.00	24.26 0.22 0.00	24.26 0.12 0.00	28.56 0.28 0.00	36.12 1.02 0.00	36.75 1.10 0.00	37.52 1.09 0.00	40.39 1.20 0.76	41.18 1.18 0.55	44.35 1.33 1.32	44.15 1.35 0.89	47.49 1.49 0.72	44.45 1.25 0.05	46.92 1.10 0.11	48.52 1.18 0.00	56.32 1.43 0.00	53.17 1.50 0.00	46.82 1.36 0.00	43.07 0.34 0.00	41.56 0.45 0.00	39.02 0.54 0.00	36.61 0.40 0.00
NORTHPORT___1 23551	38.45 2.81 -0.01	32.13 2.59 -0.38	28.21 2.21 0.00	26.31 2.26 -0.01	26.40 2.27 0.00	30.69 2.40 -0.01	37.50 2.39 -0.01	38.40 2.74 -0.01	39.20 2.77 -0.01	40.59 2.91 2.28	42.58 2.84 0.81	44.09 2.48 2.73	44.99 2.45 1.14	48.07 2.76 1.40	45.04 2.64 0.84	47.04 2.85 1.74	48.57 2.84 1.61	52.93 3.52 5.48	49.51 3.10 5.25	47.76 2.45 0.15	43.87 2.01 0.87	43.61 1.97 -0.53	41.68 2.62 -0.58	38.79 2.57 -0.01
NORTHPORT___2 23552	38.45 2.81 -0.01	32.13 2.59 -0.38	28.21 2.21 0.00	26.31 2.26 -0.01	26.40 2.27 0.00	30.69 2.40 -0.01	37.50 2.39 -0.01	38.40 2.74 -0.01	39.20 2.77 -0.01	40.59 2.91 2.28	42.58 2.84 0.81	44.09 2.48 2.73	44.99 2.45 1.14	48.07 2.76 1.40	45.04 2.64 0.84	47.04 2.85 1.74	48.57 2.84 1.61	52.93 3.52 5.48	49.51 3.10 5.25	47.76 2.45 0.15	43.87 2.01 0.87	43.61 1.97 -0.53	41.68 2.62 -0.58	38.79 2.57 -0.01
NORTHPORT___3 23553	38.80 3.17 0.00	32.28 2.74 -0.38	28.34 2.34 0.00	26.41 2.36 -0.01	26.50 2.37 0.00	30.81 2.52 -0.01	37.64 2.53 -0.01	38.54 2.89 -0.01	39.16 2.73 0.00	41.03 3.39 2.32	42.66 2.92 0.81	44.57 2.97 2.74	45.51 2.97 1.15	48.69 3.37 1.39	46.06 3.29 0.47	48.18 3.49 1.24	49.89 3.45 0.90	54.97 4.23 4.15	51.50 3.77 3.94	48.72 3.05 -0.22	44.96 2.69 0.47	44.24 2.47 -0.67	41.86 2.81 -0.57	39.01 2.79 -0.01
NORTHPORT___4 23650	38.80 3.17 0.00	32.28 2.74 -0.38	28.34 2.34 0.00	26.41 2.36 -0.01	26.50 2.37 0.00	30.81 2.52 -0.01	37.64 2.53 -0.01	38.54 2.89 -0.01	39.16 2.73 0.00	41.03 3.39 2.32	42.66 2.92 0.81	44.57 2.97 2.74	45.51 2.97 1.15	48.69 3.37 1.39	46.06 3.29 0.47	48.18 3.49 1.24	49.89 3.45 0.90	54.97 4.23 4.15	51.50 3.77 3.94	48.72 3.05 -0.22	44.96 2.69 0.47	44.24 2.47 -0.67	41.86 2.81 -0.57	39.01 2.79 -0.01
NORTHPORT___IC 23718	38.45 2.81 -0.01	32.13 2.60 -0.38	28.21 2.21 0.00	26.36 2.31 -0.01	26.40 2.27 0.00	30.69 2.40 -0.01	37.50 2.39 -0.01	38.40 2.74 -0.01	39.20 2.77 -0.01	40.63 2.96 2.28	42.63 2.88 0.81	44.18 2.57 2.73	45.13 2.58 1.14	48.07 2.76 1.40	45.04 2.64 0.84	47.08 2.89 1.74	48.61 2.89 1.61	52.98 3.57 5.48	49.51 3.10 5.25	47.77 2.45 0.15	43.91 2.05 0.87	43.73 2.10 -0.53	41.68 2.62 -0.58	38.94 2.72 -0.01
NORTH___COUNTRY_ESR 323785	35.74 0.11 0.00	29.02 -0.15 0.00	25.87 -0.13 0.00	23.90 -0.14 0.00	23.94 -0.19 0.00	28.14 -0.14 0.00	35.45 0.35 0.00	36.07 0.43 0.00	36.79 0.36 0.00	39.63 0.44 0.76	40.45 0.45 0.55	43.51 0.49 1.32	43.28 0.48 0.89	46.51 0.51 0.72	43.62 0.43 0.05	46.19 0.37 0.11	47.76 0.43 0.00	55.28 0.39 0.00	52.13 0.46 0.00	45.91 0.45 0.00	43.29 0.55 0.00	41.68 0.58 0.00	39.10 0.61 0.00	36.75 0.54 0.00
NPX_GEN_1385_PROXY 323591	38.52 2.88 -0.01	32.19 2.65 -0.38	29.84 2.31 -1.53	28.54 2.36 -2.14	29.01 2.34 -2.53	32.60 2.52 -1.80	37.57 2.46 -0.01	38.54 2.89 -0.01	39.20 2.77 -0.01	40.59 2.91 2.28	42.54 2.80 0.81	44.00 2.39 2.73	44.91 2.36 1.14	47.98 2.66 1.40	45.04 2.64 0.84	47.04 2.85 1.74	48.57 2.84 1.61	52.93 3.52 5.48	49.67 3.26 5.25	48.60 2.64 -0.51	45.80 2.18 -0.89	43.61 1.97 -0.53	41.68 2.62 -0.58	38.68 2.46 -0.01
NPX_GEN_CSC 323557	39.13 3.42 -0.08	32.37 2.83 -0.38	28.37 2.37 0.00	26.51 2.45 -0.01	26.60 2.46 0.00	30.92 2.63 -0.01	37.81 2.70 -0.01	38.79 3.14 -0.01	39.71 3.21 -0.08	41.66 3.55 1.85	43.23 3.33 0.65	45.12 3.28 2.50	46.12 3.28 0.85	50.12 3.69 0.29	62.50 3.38 -15.88	70.33 3.77 -20.64	81.43 3.79 -30.30	112.04 4.66 -52.49	107.91 4.24 -52.00	65.72 3.55 -16.72	63.11 2.99 -17.39	51.61 2.92 -7.58	42.28 3.12 -0.68	39.22 3.00 -0.01
NSINS_S_GLNS_FALLS 23858	38.44 2.81 0.00	35.85 2.42 -4.27	28.08 2.08 0.00	25.99 1.95 0.00	26.04 1.91 0.00	30.60 2.32 0.00	37.56 2.46 0.00	38.18 2.53 0.00	38.29 1.86 0.00	39.22 1.80 2.53	40.44 1.70 1.82	41.98 2.04 4.40	42.77 2.05 2.97	46.56 2.24 2.40	45.18 2.12 0.18	48.01 2.43 0.35	49.41 2.08 0.01	57.53 2.63 0.00	53.84 2.17 0.00	47.18 1.73 0.00	44.31 1.58 0.00	42.92 1.81 0.00	40.06 1.58 0.00	37.77 1.56 0.00
NUCOR_STEEL___DRP 24197	35.70 0.07 0.00	29.39 0.23 0.00	26.31 0.31 0.00	24.19 0.14 0.00	24.33 0.19 0.00	28.51 0.23 0.00	35.07 -0.04 0.00	35.43 -0.21 0.00	36.25 -0.18 0.00	38.82 -0.44 0.69	39.73 -0.32 0.50	42.79 -0.35 1.19	42.45 -0.44 0.81	45.55 -0.51 0.65	42.68 -0.52 0.05	45.28 -0.55 0.10	46.77 -0.57 0.00	54.34 -0.55 0.00	51.31 -0.36 0.00	45.23 -0.23 0.00	42.65 -0.09 0.00	40.94 -0.16 0.00	38.21 -0.27 0.00	35.77 -0.43 0.00
NUMBER_THREE_WT_PWR 323818	36.38 0.75 0.00	29.67 0.64 0.14	26.62 0.62 0.00	24.50 0.46 0.00	24.69 0.56 0.00	29.01 0.73 0.00	35.59 0.49 0.00	36.18 0.54 0.00	36.87 0.44 0.00	38.28 0.16 1.83	39.52 0.29 1.32	41.56 0.40 3.18	41.63 0.09 2.15	45.12 0.14 1.74	43.25 0.13 0.13	45.81 0.14 0.26	47.33 0.00 0.01	55.17 0.28 0.00	52.39 0.72 0.00	46.32 0.86 0.00	43.84 1.11 0.00	42.26 1.15 0.00	39.33 0.85 0.00	36.82 0.61 0.00
NYISO_LBMP_REFERENCE 24008	35.63 0.00 0.00	29.16 0.00 0.00	26.00 0.00 0.00	24.05 0.00 0.00	24.14 0.00 0.00	28.28 0.00 0.00	35.10 0.00 0.00	35.64 0.00 0.00	36.43 0.00 0.00	39.95 0.00 0.00	40.55 0.00 0.00	44.34 0.00 0.00	43.69 0.00 0.00	46.72 0.00 0.00	43.24 0.00 0.00	45.93 0.00 0.00	47.34 0.00 0.00	54.89 0.00 0.00	51.67 0.00 0.00	45.46 0.00 0.00	42.73 0.00 0.00	41.11 0.00 0.00	38.48 0.00 0.00	36.21 0.00 0.00
NYPA_BRENTWD____GT 24164	39.04 3.39 -0.02	32.54 3.00 -0.38	28.58 2.57 0.00	26.63 2.57 -0.01	26.72 2.58 0.00	31.06 2.77 -0.01	37.99 2.88 -0.01	38.93 3.28 -0.01	39.77 3.31 -0.02	41.40 3.64 2.19	43.63 3.53 0.45	45.54 3.41 2.21	46.60 3.41 0.50	49.78 3.83 0.77	51.24 3.63 -4.37	54.92 3.95 -5.04	59.58 4.02 -8.22	71.25 4.88 -11.48	67.61 4.39 -11.55	54.34 3.59 -5.30	50.54 3.03 -4.77	47.04 2.92 -3.01	42.61 3.31 -0.82	39.37 3.15 -0.01

NYPA_GOWANUS____GT5 24156	38.66 3.03 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.25 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.30 2.88 0.00	41.10 3.44 2.29	42.23 3.33 1.64	44.01 3.64 3.97	44.55 3.54 2.68	48.57 4.02 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.59 4.26 0.01	60.05 5.16 0.00	56.06 4.39 0.00	49.05 3.59 0.00	45.86 3.12 -0.01	44.03 2.92 -0.01	41.42 2.92 -0.01	39.04 2.83 -0.01
NYPA_GOWANUS____GT6 24157	38.66 3.03 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.25 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.30 2.88 0.00	41.10 3.44 2.29	42.23 3.33 1.64	44.01 3.64 3.97	44.55 3.54 2.68	48.57 4.02 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.59 4.26 0.01	60.05 5.16 0.00	56.06 4.39 0.00	49.05 3.59 0.00	45.86 3.12 -0.01	44.03 2.92 -0.01	41.42 2.92 -0.01	39.04 2.83 -0.01
NYPA_HARLEM__RVR__GT1 24160	38.49 2.85 -0.01	32.11 2.57 -0.38	28.17 2.16 -0.01	26.24 2.19 -0.01	26.36 2.22 -0.01	30.60 2.32 0.00	37.24 2.14 0.00	38.10 2.46 0.00	39.04 2.62 0.01	40.81 3.16 2.29	42.02 3.12 1.65	43.64 3.28 3.98	44.23 3.23 2.69	48.19 3.65 2.18	46.63 3.55 0.16	49.32 3.72 0.33	51.06 3.74 0.02	59.44 4.55 0.01	55.54 3.88 0.01	48.68 3.23 0.01	45.42 2.69 0.01	43.82 2.71 0.00	41.29 2.81 0.00	38.93 2.72 -0.01
NYPA_HARLEM__RVR__GT2 24161	38.49 2.85 -0.01	32.11 2.57 -0.38	28.17 2.16 -0.01	26.24 2.19 -0.01	26.36 2.22 -0.01	30.60 2.32 0.00	37.24 2.14 0.00	38.10 2.46 0.00	39.04 2.62 0.01	40.81 3.16 2.29	42.02 3.12 1.65	43.64 3.28 3.98	44.23 3.23 2.69	48.19 3.65 2.18	46.63 3.55 0.16	49.32 3.72 0.33	51.06 3.74 0.02	59.44 4.55 0.01	55.54 3.88 0.01	48.68 3.23 0.01	45.42 2.69 0.01	43.82 2.71 0.00	41.29 2.81 0.00	38.93 2.72 -0.01
NYPA_KENT____GT 24152	38.56 2.92 -0.01	32.16 2.63 -0.38	28.19 2.18 -0.01	26.24 2.19 -0.01	26.36 2.22 -0.01	30.57 2.29 0.00	37.35 2.25 0.00	38.28 2.64 0.00	39.27 2.84 0.00	41.02 3.36 2.29	42.23 3.33 1.64	43.92 3.55 3.97	44.51 3.50 2.68	48.52 3.97 2.17	46.89 3.81 0.16	49.69 4.09 0.32	51.50 4.17 0.01	59.94 5.05 0.00	55.96 4.29 0.00	48.96 3.50 0.00	45.73 2.99 0.00	43.91 2.80 0.00	41.30 2.81 0.00	38.93 2.72 0.00
NYPA_POUCH1____GT 24155	38.70 3.06 -0.01	32.28 2.74 -0.38	28.27 2.26 -0.01	26.31 2.26 -0.01	26.41 2.27 -0.01	30.63 2.35 0.00	37.38 2.28 0.00	38.39 2.74 0.00	39.34 2.92 0.00	41.06 3.39 2.29	42.19 3.28 1.64	43.92 3.55 3.97	44.42 3.41 2.68	48.42 3.88 2.17	46.84 3.76 0.16	49.69 4.09 0.32	51.50 4.17 0.01	59.94 5.05 0.00	55.95 4.29 0.00	49.05 3.59 0.00	45.86 3.12 -0.01	44.08 2.96 -0.01	41.46 2.96 -0.01	39.08 2.86 -0.01
NYPA_VERNON____GT2 24162	38.49 2.85 -0.01	32.08 2.54 -0.38	28.14 2.13 -0.01	26.22 2.17 -0.01	26.32 2.17 -0.01	30.54 2.26 0.00	37.31 2.21 0.00	38.25 2.60 0.00	39.23 2.81 0.00	40.98 3.31 2.29	42.19 3.28 1.64	43.87 3.50 3.97	44.46 3.45 2.68	48.42 3.88 2.17	46.80 3.72 0.16	49.60 3.99 0.32	51.40 4.07 0.01	59.78 4.88 0.00	55.80 4.14 0.00	48.87 3.41 0.00	45.64 2.91 0.00	43.82 2.71 0.00	41.22 2.73 0.00	38.85 2.64 0.00
NYPA_VERNON____GT3 24163	38.49 2.85 -0.01	32.08 2.54 -0.38	28.14 2.13 -0.01	26.22 2.17 -0.01	26.32 2.17 -0.01	30.54 2.26 0.00	37.31 2.21 0.00	38.25 2.60 0.00	39.23 2.81 0.00	40.98 3.31 2.29	42.19 3.28 1.64	43.87 3.50 3.97	44.46 3.45 2.68	48.42 3.88 2.17	46.80 3.72 0.16	49.60 3.99 0.32	51.40 4.07 0.01	59.78 4.88 0.00	55.80 4.14 0.00	48.87 3.41 0.00	45.64 2.91 0.00	43.82 2.71 0.00	41.22 2.73 0.00	38.85 2.64 0.00
NYPA____ASTORIA_CC1 323568	38.45 2.81 -0.01	32.07 2.54 -0.38	28.11 2.11 -0.01	26.19 2.14 -0.01	26.32 2.17 -0.01	30.51 2.23 0.00	37.24 2.14 0.00	38.18 2.53 0.00	39.16 2.73 0.00	40.90 3.23 2.29	42.11 3.20 1.64	43.74 3.37 3.97	44.37 3.36 2.68	48.29 3.74 2.17	46.67 3.59 0.16	49.47 3.86 0.32	51.21 3.88 0.01	59.60 4.72 0.01	55.64 3.98 0.01	48.73 3.27 0.00	45.51 2.78 0.00	43.74 2.63 0.00	41.14 2.65 0.00	38.82 2.61 0.00
NYPA____ASTORIA_CC2 323569	38.45 2.81 -0.01	32.07 2.54 -0.38	28.11 2.11 -0.01	26.19 2.14 -0.01	26.32 2.17 -0.01	30.51 2.23 0.00	37.24 2.14 0.00	38.18 2.53 0.00	39.16 2.73 0.00	40.90 3.23 2.29	42.11 3.20 1.64	43.74 3.37 3.97	44.37 3.36 2.68	48.29 3.74 2.17	46.67 3.59 0.16	49.47 3.86 0.32	51.21 3.88 0.01	59.60 4.72 0.01	55.64 3.98 0.01	48.73 3.27 0.00	45.51 2.78 0.00	43.74 2.63 0.00	41.14 2.65 0.00	38.82 2.61 0.00
NYPA____HOLTSVILL 23794	38.98 3.28 -0.08	32.40 2.86 -0.38	28.42 2.42 0.00	26.53 2.48 -0.01	26.62 2.49 0.00	30.92 2.63 -0.01	37.85 2.74 -0.01	38.79 3.14 -0.01	39.67 3.17 -0.08	41.61 3.52 1.85	43.17 3.28 0.66	45.02 3.19 2.52	46.00 3.19 0.88	50.00 3.60 0.31	62.22 3.38 -15.60	69.88 3.68 -20.27	80.81 3.69 -29.78	110.96 4.50 -51.57	106.80 4.03 -51.10	65.20 3.32 -16.43	62.64 2.82 -17.09	51.32 2.75 -7.46	42.28 3.12 -0.68	39.19 2.97 -0.01
NYPA____HELLGATE_GT1 24158	38.49 2.85 -0.01	32.11 2.57 -0.38	28.17 2.16 -0.01	26.24 2.19 -0.01	26.36 2.22 -0.01	30.60 2.32 0.00	37.24 2.14 0.00	38.10 2.46 0.00	39.04 2.62 0.01	40.81 3.16 2.29	42.02 3.12 1.65	43.64 3.28 3.98	44.23 3.23 2.69	48.19 3.65 2.18	46.63 3.55 0.16	49.32 3.72 0.33	51.06 3.74 0.02	59.44 4.55 0.01	55.54 3.88 0.01	48.68 3.23 0.01	45.42 2.69 0.01	43.82 2.71 0.00	41.29 2.81 0.00	38.93 2.72 -0.01
NYPA____HELLGATE_GT2 24159	38.49 2.85 -0.01	32.11 2.57 -0.38	28.17 2.16 -0.01	26.24 2.19 -0.01	26.36 2.22 -0.01	30.60 2.32 0.00	37.24 2.14 0.00	38.10 2.46 0.00	39.04 2.62 0.01	40.81 3.16 2.29	42.02 3.12 1.65	43.64 3.28 3.98	44.23 3.23 2.69	48.19 3.65 2.18	46.63 3.55 0.16	49.32 3.72 0.33	51.06 3.74 0.02	59.44 4.55 0.01	55.54 3.88 0.01	48.68 3.23 0.01	45.42 2.69 0.01	43.82 2.71 0.00	41.29 2.81 0.00	38.93 2.72 -0.01
NYS_BARGE____HYD 23848	34.10 -1.53 0.00	28.05 -1.11 0.00	25.33 -0.68 0.00	23.16 -0.89 0.00	23.39 -0.75 0.00	27.23 -1.05 0.00	33.06 -2.04 0.00	33.47 -2.18 0.00	34.06 -2.37 0.00	34.32 -3.04 2.60	35.48 -3.20 1.87	36.09 -3.72 4.52	37.01 -3.63 3.06	40.28 -3.97 2.47	38.95 -4.11 0.18	41.15 -4.41 0.36	43.59 -3.74 0.01	50.77 -4.12 0.00	48.00 -3.67 0.00	43.09 -2.37 0.00	40.72 -2.01 0.00	39.14 -1.97 0.00	36.06 -2.42 0.00	34.00 -2.21 0.00
OAK ORCHARD____HYD 24046	34.95 -0.68 0.00	28.75 -0.41 0.00	25.82 -0.18 0.00	23.61 -0.43 0.00	23.82 -0.31 0.00	27.80 -0.48 0.00	34.05 -1.05 0.00	34.50 -1.14 0.00	35.23 -1.20 0.00	35.76 -1.64 2.55	37.05 -1.66 1.83	38.05 -1.86 4.43	38.73 -1.97 2.99	42.15 -2.15 2.42	40.81 -2.25 0.18	43.09 -2.48 0.36	45.06 -2.27 0.01	52.53 -2.36 0.00	49.60 -2.07 0.00	44.23 -1.23 0.00	41.79 -0.94 0.00	40.12 -0.99 0.00	37.10 -1.38 0.00	34.91 -1.30 0.00

OAKDALE___35_KV_LOAD 356122	35.84 0.21 0.00	29.51 0.35 0.00	26.39 0.39 0.00	24.34 0.29 0.00	24.47 0.34 0.00	28.65 0.37 0.00	35.10 0.00 0.00	35.61 -0.04 0.00	36.43 0.00 0.00	37.21 -0.24 2.50	38.55 -0.20 1.80	39.77 -0.22 4.35	40.49 -0.26 2.94	44.02 -0.33 2.37	42.76 -0.30 0.18	45.21 -0.37 0.35	47.14 -0.19 0.01	54.78 -0.11 0.00	51.67 0.00 0.00	45.64 0.18 0.00	42.95 0.21 0.00	41.19 0.08 0.00	38.41 -0.08 0.00	35.99 -0.22 0.00
OCC_CHEM___DRP 24175	33.31 -2.32 0.00	27.44 -1.72 0.00	24.73 -1.27 0.00	22.63 -1.42 0.00	22.86 -1.28 0.00	26.61 -1.67 0.00	32.29 -2.81 0.00	32.40 -3.24 0.00	33.22 -3.21 0.00	33.13 -4.19 2.62	34.37 -4.30 1.89	34.90 -4.88 4.56	35.67 -4.94 3.08	38.90 -5.33 2.49	37.91 -5.15 0.19	39.96 -5.60 0.37	42.40 -4.92 0.01	49.35 -5.54 0.00	46.81 -4.86 0.00	42.00 -3.45 0.00	39.66 -3.08 0.00	37.74 -3.37 0.00	35.17 -3.31 0.00	32.95 -3.26 0.00
OH_GEN_PROXY 24063	33.81 -1.82 0.00	27.85 -1.31 0.00	25.09 -0.91 0.00	22.99 -1.06 0.00	23.19 -0.94 0.00	27.01 -1.27 0.00	32.78 -2.32 0.00	33.19 -2.46 0.00	33.77 -2.66 0.00	34.00 -3.32 2.64	35.17 -3.49 1.90	35.76 -3.99 4.59	36.66 -3.93 3.10	39.87 -4.34 2.51	38.65 -4.41 0.19	40.87 -4.69 0.37	43.30 -4.02 0.01	50.45 -4.44 0.00	47.69 -3.98 0.00	42.73 -2.73 0.00	40.34 -2.39 0.00	38.77 -2.34 0.00	35.75 -2.73 0.00	33.71 -2.50 0.00
OLIN_CORP_DRP 24177	33.67 -1.96 0.00	27.73 -1.43 0.00	25.04 -0.96 0.00	22.87 -1.18 0.00	23.12 -1.01 0.00	26.92 -1.36 0.00	32.64 -2.46 0.00	32.76 -2.89 0.00	33.59 -2.84 0.00	33.51 -3.84 2.61	34.82 -3.85 1.88	35.36 -4.43 4.54	36.12 -4.50 3.07	39.42 -4.81 2.48	38.39 -4.67 0.19	40.46 -5.10 0.36	42.92 -4.40 0.01	49.95 -4.94 0.00	47.38 -4.29 0.00	42.50 -2.95 0.00	40.13 -2.61 0.00	38.19 -2.92 0.00	35.56 -2.92 0.00	33.31 -2.90 0.00
OLIN_CORP_DSASP 323712	33.31 -2.32 0.00	27.44 -1.72 0.00	24.73 -1.27 0.00	22.65 -1.40 0.00	22.86 -1.28 0.00	26.61 -1.67 0.00	32.29 -2.81 0.00	32.61 -3.03 0.00	33.22 -3.21 0.00	33.42 -3.91 2.62	34.53 -4.14 1.89	35.08 -4.70 4.56	36.02 -4.59 3.08	39.13 -5.09 2.49	37.96 -5.10 0.19	40.09 -5.47 0.37	42.55 -4.78 0.01	49.51 -5.38 0.00	46.81 -4.86 0.00	42.00 -3.46 0.00	39.66 -3.08 0.00	38.11 -3.00 0.00	35.17 -3.31 0.00	33.20 -3.00 0.00
ONEIDA_HERK_LFGE 323681	36.52 0.89 0.00	29.82 0.82 0.16	26.76 0.75 0.00	24.67 0.62 0.00	24.84 0.70 0.00	29.16 0.88 0.00	35.73 0.63 0.00	36.29 0.64 0.00	37.08 0.66 0.00	38.02 0.44 2.37	39.42 0.57 1.70	40.90 0.67 4.11	41.40 0.48 2.78	45.03 0.56 2.24	43.60 0.52 0.17	46.15 0.55 0.33	47.75 0.43 0.01	55.60 0.71 0.00	52.60 0.93 0.00	46.41 0.96 0.00	43.80 1.07 0.00	42.18 1.07 0.00	39.25 0.77 0.00	36.79 0.58 0.00
ONEIDA___115KV_TB4 55905	36.70 1.07 0.00	30.01 0.99 0.14	26.94 0.94 0.00	24.82 0.77 0.00	24.98 0.84 0.00	29.33 1.05 0.00	35.91 0.81 0.00	36.43 0.78 0.00	37.27 0.84 0.00	38.30 0.60 2.25	39.66 0.73 1.62	41.32 0.89 3.90	41.75 0.70 2.64	45.38 0.79 2.13	43.82 0.74 0.16	46.44 0.83 0.31	48.09 0.76 0.01	55.93 1.04 0.00	52.86 1.19 0.00	46.64 1.18 0.00	43.93 1.20 0.00	42.22 1.11 0.00	39.33 0.85 0.00	36.82 0.62 0.00
ONONDAGA_REF_OCCRA 23987	35.59 -0.04 0.00	29.31 0.15 0.00	26.18 0.18 0.00	24.14 0.10 0.00	24.28 0.14 0.00	28.42 0.14 0.00	34.92 -0.18 0.00	35.32 -0.32 0.00	36.17 -0.25 0.00	37.93 -0.48 1.54	39.08 -0.36 1.11	41.31 -0.35 2.67	41.49 -0.39 1.80	44.79 -0.47 1.46	42.66 -0.48 0.11	45.25 -0.46 0.21	46.91 -0.43 0.01	54.51 -0.38 0.00	51.36 -0.31 0.00	45.23 -0.23 0.00	42.60 -0.13 0.00	40.90 -0.21 0.00	38.14 -0.35 0.00	35.77 -0.43 0.00
ONONDAGA___COGEN 23986	35.52 -0.11 0.00	29.25 0.09 0.00	26.16 0.16 0.00	24.09 0.05 0.00	24.21 0.07 0.00	28.37 0.08 0.00	34.89 -0.21 0.00	35.25 -0.39 0.00	36.10 -0.33 0.00	38.85 -0.56 0.54	39.71 -0.45 0.39	42.95 -0.44 0.94	42.57 -0.48 0.64	45.64 -0.56 0.52	42.64 -0.56 0.04	45.25 -0.60 0.08	46.72 -0.62 0.00	54.29 -0.60 0.00	51.20 -0.47 0.00	45.05 -0.41 0.00	42.43 -0.30 0.00	40.74 -0.37 0.00	38.06 -0.42 0.00	35.67 -0.54 0.00
ONTARIO___LFGE 23819	36.41 0.78 0.00	29.95 0.79 0.00	26.86 0.86 0.00	24.67 0.62 0.00	24.86 0.72 0.00	29.19 0.90 0.00	35.77 0.67 0.00	36.32 0.68 0.00	37.01 0.58 0.00	38.78 0.16 1.33	39.84 0.24 0.96	42.26 0.27 2.35	41.89 -0.22 1.59	45.11 -0.32 1.28	42.67 -0.47 0.10	45.42 -0.32 0.19	46.43 -0.90 0.01	54.12 -0.77 0.00	51.15 -0.52 0.00	45.32 -0.14 0.00	42.82 0.09 0.00	41.11 0.00 0.00	38.29 -0.19 0.00	35.85 -0.36 0.00
ORANGEVILLE_WT_PWR 323706	34.84 -0.78 0.00	28.67 -0.50 0.00	25.82 -0.18 0.00	23.66 -0.39 0.00	23.87 -0.26 0.00	27.86 -0.42 0.00	33.94 -1.16 0.00	34.36 -1.28 0.00	35.04 -1.38 0.00	35.48 -1.96 2.52	36.63 -2.11 1.81	37.38 -2.57 4.39	38.19 -2.54 2.97	41.52 -2.80 2.40	40.12 -2.94 0.18	42.41 -3.17 0.35	44.68 -2.65 0.01	52.09 -2.80 0.00	49.29 -2.38 0.00	44.14 -1.32 0.00	41.75 -0.98 0.00	40.08 -1.03 0.00	37.02 -1.46 0.00	34.80 -1.41 0.00
ORANGEVILLE___ESR 323794	34.84 -0.78 0.00	28.67 -0.50 0.00	25.82 -0.18 0.00	23.66 -0.39 0.00	23.87 -0.26 0.00	27.86 -0.42 0.00	33.94 -1.16 0.00	34.36 -1.28 0.00	35.04 -1.38 0.00	35.48 -1.96 2.52	36.63 -2.11 1.81	37.38 -2.57 4.39	38.19 -2.54 2.97	41.52 -2.80 2.40	40.12 -2.94 0.18	42.41 -3.17 0.35	44.68 -2.65 0.01	52.09 -2.80 0.00	49.29 -2.38 0.00	44.14 -1.32 0.00	41.75 -0.98 0.00	40.08 -1.03 0.00	37.02 -1.46 0.00	34.80 -1.41 0.00
OSWEGATCHIE___HYD 24044	35.66 0.04 0.00	28.99 -0.06 0.11	25.98 -0.03 0.00	23.90 -0.14 0.00	24.06 -0.07 0.00	28.25 -0.03 0.00	35.00 -0.10 0.00	35.57 -0.07 0.00	36.21 -0.22 0.00	38.16 -0.40 1.40	39.22 -0.33 1.00	41.65 -0.26 2.42	41.44 -0.61 1.64	44.69 -0.70 1.32	42.58 -0.56 0.10	45.05 -0.69 0.19	46.48 -0.85 0.01	54.18 -0.72 0.00	51.41 -0.26 0.00	45.46 0.00 0.00	43.12 0.38 0.00	41.64 0.53 0.00	38.95 0.46 0.00	36.46 0.26 0.00
OSWEGO___5 23606	34.88 -0.75 0.00	28.61 -0.44 0.11	25.66 -0.34 0.00	23.66 -0.39 0.00	23.80 -0.34 0.00	27.86 -0.42 0.00	34.29 -0.81 0.00	34.65 -1.00 0.00	35.41 -1.02 0.00	41.89 -1.24 -3.18	41.66 -1.18 -2.28	48.57 -1.29 -5.51	46.11 -1.31 -3.73	48.33 -1.40 -3.01	42.13 -1.34 -0.23	44.95 -1.42 -0.44	45.88 -1.47 -0.01	53.30 -1.59 0.00	50.22 -1.45 0.00	44.27 -1.18 0.00	41.67 -1.07 0.00	40.04 -1.07 0.00	37.37 -1.12 0.00	35.12 -1.09 0.00
OSWEGO___6 23613	34.88 -0.75 0.00	28.61 -0.44 0.11	25.66 -0.34 0.00	23.66 -0.39 0.00	23.80 -0.34 0.00	27.86 -0.42 0.00	34.29 -0.81 0.00	34.65 -1.00 0.00	35.41 -1.02 0.00	41.89 -1.24 -3.18	41.66 -1.18 -2.28	48.57 -1.29 -5.51	46.11 -1.31 -3.73	48.33 -1.40 -3.01	42.13 -1.34 -0.23	44.95 -1.42 -0.44	45.88 -1.47 -0.01	53.30 -1.59 0.00	50.22 -1.45 0.00	44.27 -1.18 0.00	41.67 -1.07 0.00	40.04 -1.07 0.00	37.37 -1.12 0.00	35.12 -1.09 0.00

OUTOKUMPU-AB___DRP 24206	34.24 -1.39 0.00	28.17 -0.99 0.00	25.40 -0.60 0.00	23.20 -0.84 0.00	23.46 -0.68 0.00	27.32 -0.96 0.00	33.20 -1.90 0.00	33.36 -2.28 0.00	34.24 -2.19 0.00	34.27 -3.08 2.61	35.56 -3.12 1.87	36.17 -3.64 4.54	36.96 -3.67 3.06	40.31 -3.92 2.48	39.21 -3.85 0.19	41.34 -4.23 0.36	43.82 -3.50 0.01	50.94 -3.95 0.00	48.31 -3.36 0.00	43.32 -2.14 0.00	40.90 -1.84 0.00	38.93 -2.18 0.00	36.21 -2.27 0.00	33.89 -2.32 0.00
OXBOW___BTM 323836	33.85 -1.78 0.00	27.85 -1.31 0.00	25.12 -0.88 0.00	22.96 -1.08 0.00	23.19 -0.94 0.00	27.01 -1.27 0.00	32.82 -2.28 0.00	33.19 -2.46 0.00	33.80 -2.62 0.00	34.02 -3.32 2.61	35.18 -3.49 1.88	35.80 -3.99 4.55	36.73 -3.89 3.07	39.93 -4.30 2.49	38.65 -4.41 0.19	40.88 -4.69 0.37	43.30 -4.02 0.01	50.45 -4.44 0.00	47.64 -4.03 0.00	42.77 -2.68 0.00	40.38 -2.35 0.00	38.81 -2.30 0.00	35.75 -2.73 0.00	33.75 -2.46 0.00
OXBOW___ 24026	33.81 -1.82 0.00	27.85 -1.31 0.00	25.12 -0.88 0.00	22.94 -1.11 0.00	23.19 -0.94 0.00	27.01 -1.27 0.00	32.82 -2.28 0.00	32.94 -2.71 0.00	33.80 -2.62 0.00	33.78 -3.56 2.61	35.02 -3.65 1.88	35.62 -4.17 4.55	36.42 -4.19 3.07	39.70 -4.53 2.49	38.65 -4.41 0.19	40.74 -4.82 0.37	43.21 -4.12 0.01	50.28 -4.61 0.00	47.64 -4.03 0.00	42.77 -2.68 0.00	40.34 -2.39 0.00	38.44 -2.67 0.00	35.75 -2.73 0.00	33.46 -2.75 0.00
OXY_CHEM_DSASP 323612	33.31 -2.32 0.00	27.44 -1.72 0.00	24.73 -1.27 0.00	22.63 -1.42 0.00	22.86 -1.28 0.00	26.61 -1.67 0.00	32.29 -2.81 0.00	32.40 -3.24 0.00	33.22 -3.21 0.00	33.13 -4.19 2.62	34.37 -4.30 1.89	34.90 -4.88 4.56	35.67 -4.94 3.08	38.90 -5.33 2.49	37.91 -5.15 0.19	39.96 -5.60 0.37	42.40 -4.92 0.01	49.35 -5.54 0.00	46.81 -4.86 0.00	42.00 -3.45 0.00	39.66 -3.08 0.00	37.74 -3.37 0.00	35.17 -3.31 0.00	32.95 -3.26 0.00
OZONE_PARK_ESR 323760	38.62 2.99 0.00	32.21 2.68 -0.37	28.24 2.24 0.00	26.31 2.26 0.00	26.40 2.27 0.00	30.66 2.38 0.00	37.52 2.42 0.00	38.50 2.85 0.00	39.49 3.06 0.00	41.30 3.64 2.29	42.52 3.61 1.64	44.32 3.95 3.97	45.07 4.06 2.68	48.89 4.34 2.17	47.23 4.15 0.16	50.16 4.55 0.32	52.01 4.69 0.01	60.60 5.71 0.00	56.58 4.91 0.00	49.37 3.91 0.00	46.15 3.42 0.00	44.31 3.21 0.00	41.45 2.96 0.00	39.11 2.90 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	33.31 -2.32 0.00	27.44 -1.72 0.00	24.73 -1.27 0.00	22.63 -1.42 0.00	22.86 -1.28 0.00	26.61 -1.67 0.00	32.29 -2.81 0.00	32.40 -3.24 0.00	33.22 -3.21 0.00	33.13 -4.19 2.62	34.37 -4.30 1.89	34.90 -4.88 4.56	35.67 -4.94 3.08	38.90 -5.33 2.49	37.91 -5.15 0.19	39.96 -5.60 0.37	42.40 -4.92 0.01	49.35 -5.54 0.00	46.81 -4.86 0.00	42.00 -3.45 0.00	39.66 -3.08 0.00	37.74 -3.37 0.00	35.17 -3.31 0.00	32.95 -3.26 0.00
PACKARD___115KV_DUPONT_184 80571	33.31 -2.32 0.00	27.44 -1.72 0.00	24.73 -1.27 0.00	22.63 -1.42 0.00	22.86 -1.28 0.00	26.61 -1.67 0.00	32.29 -2.81 0.00	32.40 -3.24 0.00	33.22 -3.21 0.00	33.13 -4.19 2.62	34.37 -4.30 1.89	34.90 -4.88 4.56	35.67 -4.94 3.08	38.90 -5.33 2.49	37.91 -5.15 0.19	39.96 -5.60 0.37	42.40 -4.92 0.01	49.35 -5.54 0.00	46.81 -4.86 0.00	42.00 -3.45 0.00	39.66 -3.08 0.00	37.74 -3.37 0.00	35.17 -3.31 0.00	32.95 -3.26 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	38.52 2.89 -0.01	32.13 2.60 -0.38	28.19 2.18 -0.01	26.24 2.19 -0.01	26.36 2.22 -0.01	30.60 2.32 0.00	37.24 2.14 0.00	38.07 2.42 0.00	39.01 2.59 0.00	40.82 3.16 2.29	41.99 3.08 1.64	43.74 3.37 3.97	44.37 3.36 2.68	48.10 3.55 2.17	46.54 3.46 0.16	49.33 3.72 0.32	51.12 3.79 0.01	59.55 4.67 0.01	55.48 3.82 0.01	48.55 3.09 0.00	45.34 2.61 0.00	43.86 2.75 0.00	41.26 2.77 0.00	38.97 2.75 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	38.84 3.21 -0.01	32.40 2.86 -0.38	28.43 2.42 -0.01	26.46 2.40 -0.01	26.58 2.44 -0.01	30.83 2.55 0.00	37.49 2.39 0.00	38.28 2.64 0.00	39.23 2.80 0.00	41.02 3.36 2.29	42.19 3.28 1.64	43.92 3.55 3.97	44.55 3.54 2.68	48.29 3.74 2.17	46.72 3.63 0.16	49.56 3.95 0.32	51.35 4.02 0.01	59.77 4.89 0.01	55.74 4.08 0.01	48.77 3.32 0.00	45.55 2.82 0.00	44.07 2.96 0.00	41.49 3.00 0.00	39.19 2.97 -0.01
PATROON___115KV_TB1 80586	36.41 0.78 0.00	32.75 0.82 -2.77	26.70 0.70 0.00	24.77 0.72 0.00	24.84 0.70 0.00	29.04 0.76 0.00	35.56 0.46 0.00	36.22 0.57 0.00	36.90 0.47 0.00	37.95 0.48 2.48	39.17 0.41 1.78	40.52 0.44 4.26	41.38 0.57 2.88	44.90 0.51 2.33	43.59 0.52 0.17	46.18 0.60 0.34	48.13 0.80 0.01	55.88 0.99 0.00	52.39 0.72 0.00	46.00 0.55 0.00	43.16 0.43 0.00	41.56 0.45 0.00	38.87 0.38 0.00	36.61 0.40 0.00
PATTRSNVILLE___SOLAR 323815	37.16 1.53 0.00	35.18 1.49 -4.53	27.30 1.30 0.00	25.27 1.23 0.00	25.34 1.21 0.00	29.72 1.44 0.00	36.43 1.33 0.00	36.89 1.25 0.00	37.70 1.27 0.00	38.65 1.24 2.54	39.94 1.22 1.83	41.24 1.33 4.43	42.01 1.31 2.99	45.79 1.49 2.42	44.49 1.42 0.18	47.22 1.65 0.36	48.94 1.61 0.01	56.92 2.03 0.00	53.53 1.86 0.00	47.14 1.68 0.00	44.27 1.54 0.00	42.63 1.52 0.00	39.79 1.31 0.00	37.40 1.19 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	34.52 -1.10 0.00	28.40 -0.76 0.00	25.61 -0.39 0.00	23.42 -0.63 0.00	23.68 -0.46 0.00	27.60 -0.68 0.00	33.66 -1.44 0.00	33.97 -1.68 0.00	34.79 -1.64 0.00	34.97 -2.40 2.59	36.22 -2.47 1.86	36.99 -2.84 4.51	37.81 -2.84 3.05	41.17 -3.08 2.46	40.08 -2.98 0.18	42.30 -3.26 0.36	44.77 -2.56 0.01	52.04 -2.85 0.00	49.24 -2.43 0.00	44.09 -1.36 0.00	41.58 -1.15 0.00	39.59 -1.52 0.00	36.79 -1.69 0.00	34.33 -1.88 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	38.26 2.64 0.00	31.97 2.42 -0.39	28.00 2.00 0.00	26.07 2.02 0.00	26.16 2.03 0.00	30.46 2.18 0.00	37.28 2.18 0.00	38.14 2.50 0.00	39.05 2.62 0.00	40.74 3.08 2.29	41.99 3.08 1.65	43.69 3.33 3.98	44.46 3.45 2.69	48.42 3.88 2.17	46.89 3.81 0.16	50.11 4.50 0.32	51.92 4.59 0.01	60.38 5.49 0.00	56.42 4.75 0.00	49.14 3.68 0.00	45.68 2.95 0.00	43.82 2.71 0.00	40.95 2.46 0.00	38.63 2.43 0.00
PEEKSKILL___ 23653	37.94 2.31 0.00	31.68 2.16 -0.36	27.79 1.79 0.00	25.87 1.83 0.00	25.97 1.83 0.00	30.23 1.95 0.00	36.96 1.86 0.00	37.82 2.17 0.00	38.76 2.33 0.00	40.35 2.68 2.28	41.59 2.68 1.64	43.22 2.84 3.96	43.90 2.88 2.67	47.87 3.32 2.16	46.28 3.20 0.16	49.19 3.58 0.32	50.97 3.65 0.01	59.34 4.44 0.00	55.49 3.82 0.00	48.46 3.00 0.00	45.25 2.52 0.00	43.33 2.22 0.00	40.60 2.12 0.00	38.31 2.10 0.00
PGE MADISON___WINDPWR 24146	38.37 2.74 0.00	31.60 2.30 -0.13	28.19 2.18 0.00	25.87 1.83 0.00	26.14 2.00 0.00	30.83 2.55 0.00	37.52 2.42 0.00	38.25 2.60 0.00	38.91 2.48 0.00	39.75 2.12 2.32	41.19 2.31 1.67	43.05 2.71 3.99	43.26 2.27 2.70	47.01 2.47 2.18	45.37 2.29 0.16	48.18 2.57 0.32	49.74 2.41 0.01	58.07 3.18 0.00	55.23 3.56 0.00	48.91 3.45 0.00	46.15 3.42 0.00	44.44 3.33 0.00	41.06 2.58 0.00	38.38 2.17 0.00

PIERCEFIELD___HYD 23852	34.92 -0.71 0.00	28.26 -0.90 0.00	25.20 -0.81 0.00	23.25 -0.79 0.00	23.29 -0.84 0.00	27.29 -0.99 0.00	34.50 -0.60 0.00	35.15 -0.50 0.00	35.70 -0.73 0.00	38.19 -0.72 1.04	39.07 -0.73 0.75	41.82 -0.71 1.81	41.38 -1.09 1.22	44.61 -1.12 0.99	42.05 -1.12 0.07	44.36 -1.42 0.15	45.82 -1.51 0.00	53.13 -1.76 0.00	50.27 -1.40 0.00	44.41 -1.05 0.00	42.73 0.00 0.00	41.31 0.21 0.00	38.79 0.31 0.00	36.39 0.18 0.00
PINELAWN_CC_1 323563	38.85 3.21 -0.02	32.40 2.86 -0.38	28.44 2.44 0.00	26.51 2.45 -0.01	26.60 2.46 0.00	30.95 2.66 -0.01	37.81 2.70 -0.01	38.72 3.07 -0.01	39.58 3.13 -0.01	41.18 3.47 2.25	44.48 3.41 -0.52	46.58 3.02 0.78	47.94 2.97 -1.28	50.18 3.37 -0.10	49.82 3.20 -3.38	52.49 3.45 -3.11	56.62 3.31 -5.96	63.42 4.06 -4.46	60.08 3.62 -4.80	53.47 3.09 -4.92	48.92 2.65 -3.54	47.19 2.55 -3.54	43.09 3.12 -1.49	39.16 2.93 -0.02
PJM_GEN_HTP_PROXY 323702	38.23 2.60 0.00	31.89 2.36 -0.37	27.98 1.98 0.00	26.04 1.99 0.00	26.16 2.03 0.00	30.40 2.12 0.00	37.21 2.11 0.00	38.14 2.49 0.00	39.09 2.66 0.00	40.78 3.12 2.29	41.99 3.08 1.64	43.70 3.33 3.97	44.37 3.36 2.68	48.33 3.78 2.17	46.72 3.63 0.16	49.56 3.95 0.32	51.35 4.02 0.01	59.89 4.99 0.00	55.91 4.24 0.00	48.82 3.36 0.00	45.60 2.86 0.00	43.66 2.55 0.00	40.98 2.50 0.00	38.63 2.43 0.00
PJM_GEN_KEystone 24065	36.09 0.46 0.00	29.95 0.61 -0.17	26.60 0.60 0.00	24.60 0.55 0.00	24.76 0.63 0.00	28.82 0.54 0.00	35.21 0.11 0.00	35.90 0.25 0.00	36.68 0.26 0.00	37.71 0.16 2.40	38.90 0.08 1.73	40.16 0.00 4.18	40.89 0.04 2.85	44.27 0.14 2.59	42.96 0.04 0.33	45.45 0.14 0.62	47.43 0.43 0.33	54.73 0.66 0.82	51.55 0.52 0.64	45.94 0.59 0.10	43.25 0.51 0.00	41.44 0.33 0.00	38.60 0.12 0.00	36.32 0.11 0.00
PJM_GEN_NEPTUNE_PROXY 323594	38.38 2.74 -0.01	32.11 2.57 -0.38	28.19 2.18 0.00	26.24 2.19 -0.01	26.33 2.20 0.00	30.63 2.35 -0.01	37.42 2.32 -0.01	38.25 2.60 -0.01	39.17 2.73 -0.01	40.75 3.08 2.28	42.19 3.08 1.45	43.81 3.15 3.67	44.48 3.10 2.31	48.26 3.51 1.97	46.57 3.24 -0.08	49.31 3.49 0.11	51.28 3.55 -0.39	59.32 4.34 -0.09	55.68 3.88 -0.13	48.96 3.13 -0.37	45.66 2.69 -0.23	44.07 2.67 -0.29	41.31 2.69 -0.13	38.71 2.50 -0.01
PJM_GEN_VFT_PROXY 323633	38.05 2.42 0.00	31.75 2.22 -0.37	27.82 1.82 0.00	25.92 1.88 0.00	26.04 1.91 0.00	30.22 1.95 0.01	36.99 1.89 0.01	37.95 2.32 0.01	38.94 2.51 0.00	40.61 2.96 2.29	41.82 2.92 1.65	43.51 3.15 3.98	43.78 3.15 3.06	43.70 3.55 6.56	44.18 3.42 2.48	45.25 3.68 4.35	46.44 3.74 4.64	47.75 4.61 11.75	46.49 3.92 9.10	47.09 3.09 1.46	45.47 2.74 0.00	43.57 2.47 0.00	40.91 2.43 0.00	38.56 2.35 0.00
PLATSBURG_115KV_PMLD1 355749	36.06 0.43 0.00	29.31 0.15 0.00	26.13 0.13 0.00	24.12 0.07 0.00	24.16 0.02 0.00	28.42 0.14 0.00	35.80 0.70 0.00	36.43 0.78 0.00	37.19 0.76 0.00	40.03 0.84 0.76	40.86 0.85 0.55	43.95 0.93 1.32	43.72 0.92 0.89	47.02 1.03 0.72	44.06 0.86 0.05	46.60 0.78 0.11	48.19 0.85 0.00	55.88 0.99 0.00	52.70 1.03 0.00	46.46 1.00 0.00	43.80 1.07 0.00	42.18 1.07 0.00	39.48 1.00 0.00	37.15 0.94 0.00
PLEASANTVLY___LBMP 24000	37.69 2.07 0.00	31.50 1.95 -0.38	27.67 1.66 0.00	25.73 1.68 0.00	25.83 1.69 0.00	30.06 1.78 0.00	36.75 1.65 0.00	37.53 1.89 0.00	38.43 2.00 0.00	39.99 2.36 2.32	41.16 2.27 1.67	42.80 2.48 4.02	43.55 2.58 2.72	47.32 2.80 2.20	45.76 2.68 0.16	48.64 3.03 0.32	50.41 3.08 0.01	58.62 3.73 0.00	54.82 3.15 0.00	47.96 2.50 0.00	44.87 2.14 0.00	43.08 1.97 0.00	40.29 1.81 0.00	38.06 1.85 0.00
PLSNTVLE_13_KV_13KVDIST 80602	38.05 2.42 0.00	31.75 2.22 -0.37	27.87 1.87 0.00	25.95 1.90 0.00	26.04 1.91 0.00	30.29 2.01 0.00	37.03 1.93 0.00	37.93 2.28 0.00	38.87 2.44 0.00	40.54 2.88 2.29	41.74 2.84 1.65	43.47 3.10 3.98	44.24 3.23 2.69	48.05 3.50 2.17	46.46 3.37 0.16	49.42 3.81 0.32	51.26 3.93 0.01	59.61 4.72 0.00	55.70 4.03 0.00	48.64 3.18 0.00	45.38 2.65 0.00	43.57 2.47 0.00	40.72 2.23 0.00	38.45 2.24 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	38.05 2.42 0.00	31.75 2.22 -0.37	27.87 1.87 0.00	25.95 1.90 0.00	26.04 1.91 0.00	30.29 2.01 0.00	37.03 1.93 0.00	37.93 2.28 0.00	38.87 2.44 0.00	40.54 2.88 2.29	41.74 2.84 1.65	43.47 3.10 3.98	44.24 3.23 2.69	48.05 3.50 2.17	46.46 3.37 0.16	49.42 3.81 0.32	51.26 3.93 0.01	59.61 4.72 0.00	55.70 4.03 0.00	48.64 3.18 0.00	45.38 2.65 0.00	43.57 2.47 0.00	40.72 2.23 0.00	38.45 2.24 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	38.09 2.46 0.00	31.84 2.27 -0.40	27.90 1.90 0.00	25.92 1.88 0.00	26.02 1.88 0.00	30.32 2.04 0.00	37.10 2.00 0.00	37.85 2.21 0.00	38.80 2.37 0.00	40.34 2.68 2.29	41.54 2.64 1.65	43.07 2.70 3.98	43.89 2.88 2.69	47.67 3.13 2.17	46.07 2.98 0.16	48.82 3.21 0.32	50.59 3.27 0.01	58.84 3.95 0.00	55.08 3.41 0.00	48.27 2.82 0.00	45.21 2.48 0.00	43.41 2.30 0.00	40.64 2.16 0.00	38.31 2.10 0.00
POLETTI_____ 23519	38.23 2.60 0.00	31.89 2.36 -0.37	27.98 1.98 0.00	26.09 2.04 0.00	26.19 2.05 0.00	30.37 2.09 0.00	37.17 2.07 0.00	38.07 2.42 0.00	39.03 2.62 0.02	40.80 3.16 2.30	42.01 3.12 1.66	43.77 3.41 3.99	44.49 3.50 2.70	48.27 3.74 2.18	46.67 3.59 0.16	49.50 3.90 0.34	51.34 4.02 0.03	59.82 4.94 0.02	55.79 4.13 0.02	48.71 3.27 0.02	45.54 2.82 0.02	43.78 2.67 0.00	40.99 2.50 0.00	38.71 2.50 0.00
POMONA___ESR 323819	37.84 2.21 0.00	31.62 2.10 -0.36	27.74 1.74 0.00	25.83 1.78 0.00	25.92 1.79 0.00	30.18 1.90 0.00	36.85 1.75 0.00	37.75 2.10 0.00	38.65 2.22 0.00	40.25 2.56 2.26	41.44 2.52 1.63	43.07 2.66 3.93	43.79 2.75 2.66	47.70 3.13 2.15	46.11 3.03 0.16	48.92 3.31 0.32	50.69 3.36 0.01	59.01 4.12 0.00	55.18 3.52 0.00	48.28 2.82 0.00	45.12 2.39 0.00	43.20 2.10 0.00	40.52 2.04 0.00	38.20 1.99 0.00
PORT_JEFF_3 23555	39.10 3.39 -0.08	32.48 2.94 -0.38	28.50 2.50 0.00	26.60 2.55 -0.01	26.67 2.53 0.00	31.00 2.72 -0.01	37.92 2.81 -0.01	38.86 3.21 -0.01	39.79 3.28 -0.01	41.75 3.64 1.84	43.31 3.41 0.65	45.25 3.41 2.50	46.20 3.36 0.85	50.28 3.83 0.26	63.07 3.59 -16.24	70.85 3.81 -21.12	82.16 3.83 -30.99	113.29 4.66 -53.73	109.09 4.18 -53.24	65.94 3.41 -17.07	63.54 3.03 -17.78	51.76 2.92 -7.73	42.40 3.23 -0.68	39.30 3.08 -0.01
PORT_JEFF_4 23616	39.10 3.39 -0.08	32.48 2.94 -0.38	28.50 2.50 0.00	26.60 2.55 -0.01	26.67 2.53 0.00	31.00 2.72 -0.01	37.92 2.81 -0.01	38.86 3.21 -0.01	39.79 3.28 -0.01	41.75 3.64 1.84	43.31 3.41 0.65	45.25 3.41 2.50	46.20 3.36 0.85	50.28 3.83 0.26	63.07 3.59 -16.24	70.85 3.81 -21.12	82.16 3.83 -30.99	113.29 4.66 -53.73	109.09 4.18 -53.24	65.94 3.41 -17.07	63.54 3.03 -17.78	51.76 2.92 -7.73	42.40 3.23 -0.68	39.30 3.08 -0.01

PORT_JEFF_IC 23713	39.18 3.46 -0.09	32.51 2.97 -0.38	28.52 2.52 0.00	26.72 2.67 -0.01	26.72 2.58 0.00	31.03 2.74 -0.01	37.99 2.88 -0.01	38.90 3.24 -0.01	39.87 3.35 -0.09	41.94 3.76 1.77	43.47 3.53 0.61	45.49 3.59 2.45	46.53 3.63 0.79	50.55 3.92 0.09	65.41 3.59 -18.57	73.97 3.81 -24.23	86.66 3.88 -35.44	121.33 4.67 -61.78	116.99 4.13 -61.18	68.26 3.36 -19.44	66.22 3.16 -20.32	53.00 3.17 -8.73	42.50 3.31 -0.71	39.48 3.26 -0.01
PPL PILGRIM_ST_GT1 24216	39.04 3.39 -0.02	32.54 3.00 -0.38	28.58 2.57 0.00	26.63 2.57 -0.01	26.72 2.58 0.00	31.06 2.77 -0.01	37.99 2.88 -0.01	38.93 3.28 -0.01	39.77 3.31 -0.02	41.40 3.64 2.19	43.63 3.53 0.45	45.54 3.41 2.21	46.60 3.41 0.50	49.78 3.83 0.77	51.24 3.63 -4.37	54.92 3.95 -5.04	59.58 4.02 -8.22	71.25 4.88 -11.48	67.61 4.39 -11.55	54.34 3.59 -5.30	50.54 3.03 -4.77	47.04 2.92 -3.01	42.61 3.31 -0.82	39.37 3.15 -0.01
PPL PILGRIM_ST_GT2 24217	39.04 3.39 -0.02	32.54 3.00 -0.38	28.58 2.57 0.00	26.63 2.57 -0.01	26.72 2.58 0.00	31.06 2.77 -0.01	37.99 2.88 -0.01	38.93 3.28 -0.01	39.77 3.31 -0.02	41.40 3.64 2.19	43.63 3.53 0.45	45.54 3.41 2.21	46.60 3.41 0.50	49.78 3.83 0.77	51.24 3.63 -4.37	54.92 3.95 -5.04	59.58 4.02 -8.22	71.25 4.88 -11.48	67.61 4.39 -11.55	54.34 3.59 -5.30	50.54 3.03 -4.77	47.04 2.92 -3.01	42.61 3.31 -0.82	39.37 3.15 -0.01
PPL_SHRM_GT3 24213	39.17 3.45 -0.08	32.37 2.83 -0.38	28.39 2.39 0.00	26.53 2.48 -0.01	26.62 2.49 0.00	30.92 2.63 -0.01	37.85 2.74 -0.01	38.83 3.17 -0.01	39.75 3.24 -0.08	41.68 3.55 1.83	43.25 3.33 0.63	45.15 3.28 2.47	46.15 3.28 0.82	50.23 3.74 0.23	63.23 3.42 -16.57	71.34 3.86 -21.56	82.79 3.83 -31.62	114.46 4.72 -54.85	110.35 4.34 -54.34	66.47 3.59 -17.42	63.91 3.03 -18.14	51.96 2.96 -7.89	42.34 3.16 -0.70	39.23 3.00 -0.01
PPL_SHRM_GT4 24214	39.17 3.45 -0.08	32.37 2.83 -0.38	28.39 2.39 0.00	26.53 2.48 -0.01	26.62 2.49 0.00	30.92 2.63 -0.01	37.85 2.74 -0.01	38.83 3.17 -0.01	39.75 3.24 -0.08	41.68 3.55 1.83	43.25 3.33 0.63	45.15 3.28 2.47	46.15 3.28 0.82	50.23 3.74 0.23	63.23 3.42 -16.57	71.34 3.86 -21.56	82.79 3.83 -31.62	114.46 4.72 -54.85	110.35 4.34 -54.34	66.47 3.59 -17.42	63.91 3.03 -18.14	51.96 2.96 -7.89	42.34 3.16 -0.70	39.23 3.00 -0.01
PROJECT___ORANGE 1 24174	35.52 -0.11 0.00	29.14 0.09 0.11	26.16 0.16 0.00	24.09 0.05 0.00	24.23 0.10 0.00	28.37 0.08 0.00	34.85 -0.25 0.00	35.25 -0.39 0.00	36.10 -0.33 0.00	37.72 -0.56 1.68	38.90 -0.45 1.21	40.99 -0.44 2.91	41.25 -0.48 1.96	44.57 -0.52 1.59	42.61 -0.60 0.12	45.10 -0.60 0.23	46.76 -0.57 0.01	54.34 -0.55 0.00	51.20 -0.47 0.00	45.09 -0.36 0.00	42.48 -0.26 0.00	40.78 -0.33 0.00	38.06 -0.42 0.00	35.67 -0.54 0.00
PROJECT___ORANGE 2 24166	35.52 -0.11 0.00	29.14 0.09 0.11	26.16 0.16 0.00	24.09 0.05 0.00	24.23 0.10 0.00	28.37 0.08 0.00	34.85 -0.25 0.00	35.25 -0.39 0.00	36.10 -0.33 0.00	37.72 -0.56 1.68	38.90 -0.45 1.21	40.99 -0.44 2.91	41.25 -0.48 1.96	44.57 -0.52 1.59	42.61 -0.60 0.12	45.10 -0.60 0.23	46.76 -0.57 0.01	54.34 -0.55 0.00	51.20 -0.47 0.00	45.09 -0.36 0.00	42.48 -0.26 0.00	40.78 -0.33 0.00	38.06 -0.42 0.00	35.67 -0.54 0.00
PUCKETT___SOLAR 323809	36.45 0.82 0.00	29.98 0.82 0.00	26.81 0.81 0.00	24.70 0.65 0.00	24.86 0.72 0.00	29.16 0.88 0.00	35.70 0.60 0.00	36.25 0.61 0.00	37.01 0.58 0.00	37.79 0.32 2.48	39.13 0.36 1.78	40.43 0.40 4.31	41.09 0.31 2.91	44.69 0.33 2.35	43.33 0.26 0.18	45.86 0.28 0.35	47.75 0.43 0.01	55.55 0.66 0.00	52.49 0.82 0.00	46.41 0.96 0.00	43.72 0.98 0.00	42.01 0.90 0.00	39.06 0.58 0.00	36.61 0.40 0.00
PYRITES___HYD 24023	35.95 0.32 0.00	29.05 -0.12 0.00	25.90 -0.10 0.00	23.85 -0.19 0.00	23.92 -0.22 0.00	28.17 -0.11 0.00	35.63 0.53 0.00	36.25 0.61 0.00	36.76 0.33 0.00	39.36 0.40 0.99	40.20 0.36 0.71	43.10 0.49 1.73	42.70 0.17 1.17	46.01 0.23 0.94	43.35 0.17 0.07	45.70 -0.09 0.14	47.24 -0.09 0.00	54.84 -0.05 0.00	52.03 0.36 0.00	46.05 0.59 0.00	43.67 0.94 0.00	42.18 1.07 0.00	39.56 1.08 0.00	37.08 0.87 0.00
QUAKERRD_115KV_BK1 80622	34.27 -1.35 0.00	28.20 -0.96 0.00	25.27 -0.73 0.00	23.13 -0.91 0.00	23.34 -0.80 0.00	27.26 -1.02 0.00	33.42 -1.68 0.00	33.76 -1.89 0.00	34.61 -1.82 0.00	34.99 -2.40 2.56	36.36 -2.35 1.84	37.27 -2.62 4.45	37.93 -2.75 3.01	41.34 -2.94 2.43	40.21 -2.85 0.18	42.40 -3.17 0.36	44.35 -2.98 0.01	51.60 -3.29 0.00	48.83 -2.84 0.00	43.41 -2.05 0.00	41.02 -1.71 0.00	39.22 -1.89 0.00	36.48 -2.00 0.00	34.18 -2.03 0.00
QUENSBRY_115KV_TB8 356137	38.48 2.85 0.00	35.93 2.48 -4.29	28.11 2.11 0.00	26.02 1.97 0.00	26.04 1.91 0.00	30.63 2.35 0.00	37.59 2.49 0.00	38.25 2.60 0.00	38.32 1.89 0.00	39.22 1.80 2.53	40.48 1.74 1.82	41.98 2.04 4.40	42.82 2.10 2.97	46.60 2.29 2.40	45.23 2.16 0.18	48.05 2.48 0.35	49.41 2.08 0.01	57.53 2.63 0.00	53.84 2.17 0.00	47.18 1.73 0.00	44.27 1.54 0.00	42.92 1.81 0.00	40.02 1.54 0.00	37.77 1.56 0.00
RAMAPO___LBMP 323565	37.69 2.07 0.00	31.50 1.98 -0.35	27.64 1.64 0.00	25.73 1.68 0.00	25.83 1.69 0.00	30.06 1.78 0.00	36.75 1.65 0.00	37.61 1.96 0.00	38.50 2.08 0.00	40.17 2.48 2.26	41.32 2.39 1.63	42.99 2.57 3.93	43.70 2.67 2.65	47.52 2.94 2.14	45.90 2.81 0.16	48.78 3.17 0.32	50.59 3.27 0.01	58.84 3.95 0.00	54.98 3.31 0.00	48.09 2.64 0.00	44.95 2.22 0.00	43.12 2.01 0.00	40.37 1.89 0.00	38.09 1.88 0.00
RANKINE____ 23646	34.56 -1.07 0.00	28.43 -0.73 0.00	25.64 -0.36 0.00	23.45 -0.60 0.00	23.70 -0.43 0.00	27.60 -0.68 0.00	33.63 -1.47 0.00	33.83 -1.82 0.00	34.72 -1.71 0.00	34.80 -2.56 2.59	36.09 -2.60 1.86	36.81 -3.02 4.52	37.58 -3.06 3.05	40.93 -3.32 2.47	39.82 -3.24 0.18	41.98 -3.58 0.36	44.49 -2.84 0.01	51.71 -3.18 0.00	48.98 -2.69 0.00	43.91 -1.55 0.00	41.41 -1.32 0.00	39.42 -1.69 0.00	36.68 -1.81 0.00	34.29 -1.92 0.00
RAVENSWOOD_GT2_1 24244	38.26 2.64 0.00	31.92 2.39 -0.37	28.00 2.00 0.00	26.09 2.04 0.00	26.19 2.05 0.00	30.43 2.15 0.00	37.21 2.11 0.00	38.14 2.50 0.00	39.12 2.70 0.00	40.86 3.20 2.29	42.07 3.16 1.64	43.83 3.46 3.97	44.55 3.54 2.68	48.33 3.78 2.17	46.72 3.63 0.16	49.56 3.95 0.32	51.40 4.07 0.01	59.89 5.00 0.00	55.85 4.19 0.00	48.82 3.36 0.00	45.60 2.86 0.00	43.82 2.71 0.00	41.02 2.54 0.00	38.74 2.53 0.00
RAVENSWOOD_GT2_2 24245	38.26 2.64 0.00	31.92 2.39 -0.37	28.00 2.00 0.00	26.09 2.04 0.00	26.19 2.05 0.00	30.43 2.15 0.00	37.21 2.11 0.00	38.14 2.50 0.00	39.12 2.70 0.00	40.86 3.20 2.29	42.07 3.16 1.64	43.83 3.46 3.97	44.55 3.54 2.68	48.33 3.78 2.17	46.72 3.63 0.16	49.56 3.95 0.32	51.40 4.07 0.01	59.89 5.00 0.00	55.85 4.19 0.00	48.82 3.36 0.00	45.60 2.86 0.00	43.82 2.71 0.00	41.02 2.54 0.00	38.74 2.53 0.00



RAVENSWOOD_GT2_3 24246	38.30 2.67 0.00	31.95 2.42 -0.37	28.03 2.03 0.00	26.09 2.04 0.00	26.21 2.08 0.00	30.43 2.15 0.00	37.24 2.14 0.00	38.18 2.53 0.00	39.12 2.70 0.00	40.90 3.24 2.29	42.11 3.20 1.64	43.87 3.50 3.97	44.59 3.58 2.68	48.38 3.83 2.17	46.76 3.68 0.16	49.60 4.00 0.32	51.45 4.12 0.01	59.89 5.00 0.00	55.91 4.24 0.00	48.82 3.36 0.00	45.64 2.91 0.00	43.86 2.75 0.00	41.06 2.58 0.00	38.74 2.53 0.00
RAVENSWOOD_GT2_4 24247	38.30 2.67 0.00	31.95 2.42 -0.37	28.03 2.03 0.00	26.09 2.04 0.00	26.21 2.08 0.00	30.43 2.15 0.00	37.24 2.14 0.00	38.18 2.53 0.00	39.12 2.70 0.00	40.90 3.24 2.29	42.11 3.20 1.64	43.87 3.50 3.97	44.59 3.58 2.68	48.38 3.83 2.17	46.76 3.68 0.16	49.60 4.00 0.32	51.45 4.12 0.01	59.89 5.00 0.00	55.91 4.24 0.00	48.82 3.36 0.00	45.64 2.91 0.00	43.86 2.75 0.00	41.06 2.58 0.00	38.74 2.53 0.00
RAVENSWOOD_GT3_1 24248	38.26 2.64 0.00	31.95 2.42 -0.37	28.00 2.00 0.00	26.09 2.04 0.00	26.19 2.05 0.00	30.43 2.15 0.00	37.21 2.11 0.00	38.14 2.50 0.00	39.12 2.70 0.00	40.90 3.24 2.29	42.07 3.16 1.64	43.83 3.46 3.97	44.55 3.54 2.68	48.33 3.78 2.17	46.72 3.63 0.16	49.60 4.00 0.32	51.45 4.12 0.01	59.89 5.00 0.00	55.91 4.24 0.00	48.82 3.36 0.00	45.60 2.86 0.00	43.82 2.71 0.00	41.02 2.54 0.00	38.74 2.53 0.00
RAVENSWOOD_GT3_2 24249	38.26 2.64 0.00	31.95 2.42 -0.37	28.00 2.00 0.00	26.09 2.04 0.00	26.19 2.05 0.00	30.43 2.15 0.00	37.21 2.11 0.00	38.14 2.50 0.00	39.12 2.70 0.00	40.90 3.24 2.29	42.07 3.16 1.64	43.83 3.46 3.97	44.55 3.54 2.68	48.33 3.78 2.17	46.72 3.63 0.16	49.60 4.00 0.32	51.45 4.12 0.01	59.89 5.00 0.00	55.91 4.24 0.00	48.82 3.36 0.00	45.60 2.86 0.00	43.82 2.71 0.00	41.02 2.54 0.00	38.74 2.53 0.00
RAVENSWOOD_GT3_3 24250	38.34 2.71 0.00	31.98 2.45 -0.37	28.06 2.05 0.00	26.14 2.09 0.00	26.24 2.10 0.00	30.46 2.18 0.00	37.28 2.18 0.00	38.21 2.57 0.00	39.20 2.77 0.00	40.98 3.32 2.29	42.15 3.24 1.64	43.92 3.55 3.97	44.64 3.63 2.68	48.43 3.88 2.17	46.84 3.76 0.16	49.70 4.09 0.32	51.54 4.21 0.01	60.00 5.10 0.00	56.01 4.34 0.00	48.91 3.45 0.00	45.68 2.95 0.00	43.90 2.80 0.00	41.10 2.62 0.00	38.82 2.61 0.00
RAVENSWOOD_GT3_4 24251	38.34 2.71 0.00	31.98 2.45 -0.37	28.06 2.05 0.00	26.14 2.09 0.00	26.24 2.10 0.00	30.46 2.18 0.00	37.28 2.18 0.00	38.21 2.57 0.00	39.20 2.77 0.00	40.98 3.32 2.29	42.15 3.24 1.64	43.92 3.55 3.97	44.64 3.63 2.68	48.43 3.88 2.17	46.84 3.76 0.16	49.70 4.09 0.32	51.54 4.21 0.01	60.00 5.10 0.00	56.01 4.34 0.00	48.91 3.45 0.00	45.68 2.95 0.00	43.90 2.80 0.00	41.10 2.62 0.00	38.82 2.61 0.00
RAVENSWOOD_GT_1 23729	38.45 2.81 -0.01	32.11 2.57 -0.38	28.14 2.13 -0.01	26.22 2.16 -0.01	26.32 2.17 -0.01	30.54 2.26 0.00	37.31 2.21 0.00	38.25 2.60 0.00	39.23 2.80 0.00	41.06 3.40 2.29	42.23 3.33 1.64	44.01 3.64 3.97	44.64 3.63 2.68	48.43 3.88 2.17	46.80 3.72 0.16	49.60 4.00 0.32	51.45 4.12 0.01	59.83 4.94 0.00	55.80 4.13 0.00	48.82 3.36 0.00	45.64 2.91 0.00	43.90 2.80 0.00	41.22 2.73 0.00	38.89 2.68 0.00
RAVENSWOOD_GT_10 24258	38.26 2.64 0.00	31.92 2.39 -0.37	28.00 2.00 0.00	26.09 2.04 0.00	26.19 2.05 0.00	30.43 2.15 0.00	37.21 2.11 0.00	38.14 2.50 0.00	39.12 2.70 0.00	40.86 3.20 2.29	42.07 3.16 1.64	43.83 3.46 3.97	44.55 3.54 2.68	48.33 3.78 2.17	46.72 3.63 0.16	49.60 4.00 0.32	51.45 4.12 0.01	59.89 5.00 0.00	55.91 4.24 0.00	48.82 3.36 0.00	45.60 2.86 0.00	43.82 2.71 0.00	41.02 2.54 0.00	38.74 2.53 0.00
RAVENSWOOD_GT_11 24259	38.26 2.64 0.00	31.92 2.39 -0.37	28.00 2.00 0.00	26.09 2.04 0.00	26.19 2.05 0.00	30.43 2.15 0.00	37.21 2.11 0.00	38.14 2.50 0.00	39.12 2.70 0.00	40.86 3.20 2.29	42.07 3.16 1.64	43.83 3.46 3.97	44.55 3.54 2.68	48.33 3.78 2.17	46.72 3.63 0.16	49.60 4.00 0.32	51.45 4.12 0.01	59.89 5.00 0.00	55.91 4.24 0.00	48.82 3.36 0.00	45.60 2.86 0.00	43.82 2.71 0.00	41.02 2.54 0.00	38.74 2.53 0.00
RAVENSWOOD_GT_4 24252	38.22 2.60 0.01	31.92 2.39 -0.36	27.97 1.98 0.01	26.06 2.02 0.01	26.16 2.03 0.01	30.40 2.12 0.00	37.21 2.11 0.00	38.14 2.50 0.00	39.12 2.70 0.00	40.86 3.20 2.29	42.07 3.16 1.64	43.78 3.41 3.97	44.55 3.54 2.68	48.33 3.78 2.17	46.72 3.63 0.16	49.60 4.00 0.32	51.45 4.12 0.01	59.89 5.00 0.00	55.91 4.24 0.00	48.82 3.36 0.00	45.64 2.91 0.00	43.82 2.71 0.00	41.03 2.54 0.00	38.71 2.50 0.00
RAVENSWOOD_GT_5 24254	38.22 2.60 0.01	31.92 2.39 -0.36	27.97 1.98 0.01	26.06 2.02 0.01	26.16 2.03 0.01	30.40 2.12 0.00	37.21 2.11 0.00	38.14 2.50 0.00	39.12 2.70 0.00	40.86 3.20 2.29	42.07 3.16 1.64	43.78 3.41 3.97	44.55 3.54 2.68	48.33 3.78 2.17	46.72 3.63 0.16	49.60 4.00 0.32	51.45 4.12 0.01	59.89 5.00 0.00	55.91 4.24 0.00	48.82 3.36 0.00	45.64 2.91 0.00	43.82 2.71 0.00	41.03 2.54 0.00	38.71 2.50 0.00
RAVENSWOOD_GT_6 24253	38.22 2.60 0.01	31.92 2.39 -0.36	27.97 1.98 0.01	26.06 2.02 0.01	26.16 2.03 0.01	30.40 2.12 0.00	37.21 2.11 0.00	38.14 2.50 0.00	39.12 2.70 0.00	40.86 3.20 2.29	42.07 3.16 1.64	43.78 3.41 3.97	44.55 3.54 2.68	48.33 3.78 2.17	46.72 3.63 0.16	49.60 4.00 0.32	51.45 4.12 0.01	59.89 5.00 0.00	55.91 4.24 0.00	48.82 3.36 0.00	45.64 2.91 0.00	43.82 2.71 0.00	41.03 2.54 0.00	38.71 2.50 0.00
RAVENSWOOD_GT_7 24255	38.22 2.60 0.01	31.92 2.39 -0.36	27.97 1.98 0.01	26.06 2.02 0.01	26.16 2.03 0.01	30.40 2.12 0.00	37.21 2.11 0.00	38.14 2.50 0.00	39.12 2.70 0.00	40.86 3.20 2.29	42.07 3.16 1.64	43.78 3.41 3.97	44.55 3.54 2.68	48.33 3.78 2.17	46.72 3.63 0.16	49.60 4.00 0.32	51.45 4.12 0.01	59.89 5.00 0.00	55.91 4.24 0.00	48.82 3.36 0.00	45.64 2.91 0.00	43.82 2.71 0.00	41.03 2.54 0.00	38.71 2.50 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	38.26 2.64 0.00	31.92 2.39 -0.37	28.00 2.00 0.00	26.09 2.04 0.00	26.19 2.05 0.00	30.43 2.15 0.00	37.21 2.11 0.00	38.14 2.50 0.00	39.12 2.70 0.00	40.86 3.20 2.29	42.07 3.16 1.64	43.83 3.46 3.97	44.55 3.54 2.68	48.33 3.78 2.17	46.72 3.63 0.16	49.60 4.00 0.32	51.45 4.12 0.01	59.89 5.00 0.00	55.91 4.24 0.00	48.82 3.36 0.00	45.60 2.86 0.00	43.82 2.71 0.00	41.02 2.54 0.00	38.74 2.53 0.00
RAVENSWOOD_GT_9 24257	38.26 2.64 0.00	31.92 2.39 -0.37	28.00 2.00 0.00	26.09 2.04 0.00	26.19 2.05 0.00	30.43 2.15 0.00	37.21 2.11 0.00	38.14 2.50 0.00	39.12 2.70 0.00	40.86 3.20 2.29	42.07 3.16 1.64	43.83 3.46 3.97	44.55 3.54 2.68	48.33 3.78 2.17	46.72 3.63 0.16	49.60 4.00 0.32	51.45 4.12 0.01	59.89 5.00 0.00	55.91 4.24 0.00	48.82 3.36 0.00	45.60 2.86 0.00	43.82 2.71 0.00	41.02 2.54 0.00	38.74 2.53 0.00

RAVENSWOOD___1 23533	38.45 2.81 -0.01	32.07 2.54 -0.38	28.11 2.11 -0.01	26.19 2.14 -0.01	26.32 2.17 -0.01	30.51 2.23 0.00	37.28 2.18 0.00	38.21 2.57 0.00	39.19 2.77 0.00	40.94 3.28 2.29	42.15 3.25 1.64	43.83 3.46 3.97	44.42 3.41 2.68	48.38 3.83 2.17	46.76 3.67 0.16	49.56 3.95 0.32	51.35 4.02 0.01	59.77 4.88 0.00	55.80 4.14 0.00	48.82 3.36 0.00	45.60 2.86 0.00	43.78 2.67 0.00	41.18 2.69 0.00	38.82 2.61 0.00
RAVENSWOOD___2 23534	38.42 2.78 -0.01	32.05 2.51 -0.38	28.11 2.11 -0.01	26.17 2.12 -0.01	26.29 2.15 -0.01	30.51 2.23 0.00	37.28 2.18 0.00	38.21 2.57 0.00	39.19 2.77 0.00	40.94 3.28 2.29	42.11 3.20 1.64	43.78 3.41 3.97	44.42 3.41 2.68	48.38 3.83 2.17	46.76 3.67 0.16	49.56 3.95 0.32	51.35 4.02 0.01	59.72 4.83 0.00	55.75 4.08 0.00	48.82 3.36 0.00	45.60 2.86 0.00	43.74 2.63 0.00	41.14 2.65 0.00	38.82 2.61 0.00
RAVENSWOOD___3 23535	38.30 2.67 0.00	31.95 2.42 -0.37	28.00 2.00 0.00	26.09 2.04 0.00	26.19 2.05 0.00	30.43 2.15 0.00	37.21 2.11 0.00	38.14 2.49 0.00	39.12 2.70 0.00	40.82 3.16 2.29	42.03 3.12 1.64	43.74 3.37 3.97	44.42 3.41 2.68	48.38 3.83 2.17	46.72 3.63 0.16	49.56 3.95 0.32	51.35 4.02 0.01	59.83 4.94 0.00	55.85 4.18 0.00	48.82 3.36 0.00	45.64 2.91 0.00	43.70 2.59 0.00	41.02 2.54 0.00	38.67 2.46 0.00
RAVENSWOOD___4 23820	38.42 2.78 -0.01	32.05 2.51 -0.38	28.11 2.11 -0.01	26.17 2.12 -0.01	26.29 2.15 -0.01	30.49 2.21 0.00	37.24 2.14 0.00	38.21 2.57 0.00	39.16 2.73 0.00	40.90 3.23 2.29	42.11 3.20 1.64	43.78 3.41 3.97	44.42 3.41 2.68	48.38 3.83 2.17	46.76 3.67 0.16	49.56 3.95 0.32	51.31 3.98 0.01	59.72 4.83 0.00	55.75 4.08 0.00	48.77 3.32 0.00	45.55 2.82 0.00	43.74 2.63 0.00	41.14 2.65 0.00	38.78 2.57 0.00
RCPL_TRUST___DRP 24196	38.30 2.67 0.00	31.95 2.42 -0.37	28.03 2.03 0.00	26.09 2.04 0.00	26.21 2.08 0.00	30.46 2.18 0.00	37.28 2.18 0.00	38.21 2.57 0.00	39.20 2.77 0.00	40.94 3.28 2.29	42.15 3.24 1.64	43.92 3.55 3.97	44.64 3.63 2.68	48.43 3.88 2.17	46.80 3.72 0.16	49.70 4.09 0.32	51.54 4.21 0.01	60.05 5.16 0.00	56.06 4.39 0.00	48.91 3.45 0.00	45.68 2.95 0.00	43.86 2.75 0.00	41.06 2.58 0.00	38.74 2.53 0.00
RED___ROCHESTER 323720	35.20 -0.43 0.00	28.96 -0.20 0.00	25.98 -0.03 0.00	23.73 -0.31 0.00	23.94 -0.19 0.00	27.94 -0.34 0.00	34.22 -0.88 0.00	34.72 -0.93 0.00	35.48 -0.95 0.00	36.01 -1.36 2.58	37.32 -1.38 1.86	38.35 -1.51 4.49	39.00 -1.66 3.03	42.49 -1.78 2.45	41.12 -1.95 0.18	43.36 -2.20 0.36	45.38 -1.94 0.01	52.92 -1.97 0.00	49.91 -1.76 0.00	44.55 -0.91 0.00	42.18 -0.56 0.00	40.45 -0.66 0.00	37.37 -1.12 0.00	35.16 -1.05 0.00
REGAN___SOLAR 323812	38.55 2.92 0.00	35.96 2.57 -4.23	28.24 2.24 0.00	26.11 2.07 0.00	26.19 2.05 0.00	30.83 2.55 0.00	37.84 2.74 0.00	38.28 2.64 0.00	39.05 2.62 0.00	39.93 2.52 2.54	41.24 2.52 1.83	42.72 2.80 4.42	43.46 2.75 2.99	47.39 3.08 2.41	45.96 2.90 0.18	48.83 3.26 0.36	50.64 3.31 0.01	58.95 4.06 0.00	55.49 3.82 0.00	48.91 3.45 0.00	46.07 3.34 0.00	44.35 3.25 0.00	41.33 2.85 0.00	38.67 2.46 0.00
RENSSELAER___COGEN 23796	36.20 0.57 0.00	32.01 0.64 -2.21	26.55 0.55 0.00	24.65 0.60 0.00	24.71 0.58 0.00	28.88 0.59 0.00	35.38 0.28 0.00	35.96 0.32 0.00	36.79 0.36 0.00	37.81 0.32 2.46	39.07 0.29 1.77	40.35 0.27 4.26	41.16 0.35 2.88	44.76 0.37 2.33	43.46 0.39 0.17	46.04 0.46 0.34	47.75 0.43 0.01	55.44 0.55 0.00	52.08 0.41 0.00	45.68 0.23 0.00	42.86 0.13 0.00	41.27 0.17 0.00	38.64 0.15 0.00	36.39 0.18 0.00
REPUBLIC_115KV_BARTNBRK 55605	40.01 4.38 0.00	37.08 3.65 -4.27	29.12 3.12 0.00	26.91 2.86 0.00	26.89 2.75 0.00	31.82 3.54 0.00	39.10 4.00 0.00	39.82 4.17 0.00	39.96 3.53 0.00	40.78 3.36 2.53	42.02 3.28 1.82	43.84 3.90 4.40	44.65 3.93 2.97	48.61 4.30 2.40	47.00 3.94 0.18	49.94 4.36 0.35	51.40 4.07 0.01	60.11 5.21 0.00	56.27 4.60 0.00	49.32 3.86 0.00	46.36 3.63 0.00	44.93 3.82 0.00	41.83 3.35 0.00	39.21 3.01 0.00
REVERE_CPPR_DRP 24186	37.02 1.39 0.00	30.21 1.20 0.14	27.15 1.14 0.00	24.98 0.94 0.00	25.17 1.04 0.00	29.58 1.30 0.00	36.15 1.05 0.00	36.75 1.10 0.00	37.56 1.13 0.00	38.55 0.88 2.28	39.97 1.05 1.64	41.63 1.24 3.95	42.03 1.00 2.67	45.63 1.07 2.16	44.12 1.04 0.16	46.76 1.15 0.32	48.32 0.99 0.01	56.26 1.37 0.00	53.32 1.65 0.00	47.00 1.55 0.00	44.36 1.62 0.00	42.63 1.52 0.00	39.68 1.19 0.00	37.15 0.94 0.00
REYNLDPA_13_KV_LD 356490	35.73 0.11 0.00	29.05 -0.12 0.00	25.90 -0.10 0.00	23.93 -0.12 0.00	23.94 -0.19 0.00	28.14 -0.14 0.00	35.49 0.39 0.00	36.07 0.43 0.00	36.83 0.40 0.00	39.65 0.48 0.78	40.48 0.49 0.56	43.52 0.53 1.35	43.30 0.52 0.91	46.54 0.56 0.74	43.62 0.43 0.06	46.19 0.37 0.11	47.71 0.38 0.00	55.33 0.44 0.00	52.13 0.47 0.00	45.91 0.45 0.00	43.29 0.56 0.00	41.68 0.58 0.00	39.10 0.62 0.00	36.79 0.58 0.00
REYNOLDS_115KV_TB3 80639	36.41 0.78 0.00	32.48 0.85 -2.47	26.70 0.70 0.00	24.79 0.75 0.00	24.86 0.72 0.00	29.04 0.76 0.00	35.56 0.46 0.00	36.18 0.53 0.00	37.01 0.58 0.00	38.08 0.60 2.47	39.30 0.53 1.77	40.64 0.58 4.28	41.50 0.70 2.89	45.03 0.65 2.34	43.76 0.69 0.17	46.36 0.78 0.34	48.09 0.76 0.01	55.82 0.93 0.00	52.39 0.72 0.00	45.96 0.50 0.00	43.12 0.38 0.00	41.52 0.41 0.00	38.83 0.35 0.00	36.64 0.43 0.00
RIVERBAY____ 323610	38.84 3.21 -0.01	32.40 2.86 -0.38	28.43 2.42 -0.01	26.46 2.40 -0.01	26.58 2.44 -0.01	30.83 2.55 0.00	37.49 2.39 0.00	38.28 2.64 0.00	39.23 2.80 0.00	41.02 3.36 2.29	42.19 3.28 1.64	43.92 3.55 3.97	44.55 3.54 2.68	48.29 3.74 2.17	46.72 3.63 0.16	49.56 3.95 0.32	51.35 4.02 0.01	59.77 4.89 0.01	55.74 4.08 0.01	48.77 3.32 0.00	45.55 2.82 0.00	44.07 2.96 0.00	41.49 3.00 0.00	39.19 2.97 -0.01
RIVERSDE_115KV_TB3 55908	36.34 0.71 0.00	32.45 0.79 -2.51	26.65 0.65 0.00	24.74 0.70 0.00	24.81 0.68 0.00	28.99 0.71 0.00	35.52 0.42 0.00	36.14 0.50 0.00	36.94 0.51 0.00	38.00 0.52 2.47	39.26 0.49 1.78	40.59 0.53 4.28	41.41 0.61 2.89	44.94 0.56 2.34	43.68 0.61 0.18	46.27 0.69 0.34	48.04 0.71 0.01	55.71 0.82 0.00	52.29 0.62 0.00	45.91 0.45 0.00	43.07 0.34 0.00	41.48 0.37 0.00	38.79 0.31 0.00	36.57 0.36 0.00
ROARING___BROOK_WT_PWR 323790	35.66 0.04 0.00	29.11 0.09 0.14	26.08 0.08 0.00	24.09 0.05 0.00	24.21 0.07 0.00	28.34 0.06 0.00	35.10 0.00 0.00	35.64 0.00 0.00	36.43 0.00 0.00	37.72 -0.04 2.19	38.94 -0.04 1.57	40.50 -0.04 3.80	41.08 -0.04 2.57	44.60 -0.05 2.08	43.05 -0.04 0.16	45.58 -0.05 0.31	47.23 -0.09 0.01	54.84 -0.05 0.00	51.62 -0.05 0.00	45.41 -0.05 0.00	42.69 -0.04 0.00	41.11 0.00 0.00	38.45 -0.04 0.00	36.14 -0.07 0.00

ROCHESRG_115KV_T4 355643	34.81 -0.82 0.00	28.64 -0.52 0.00	25.72 -0.29 0.00	23.52 -0.53 0.00	23.73 -0.41 0.00	27.71 -0.57 0.00	33.91 -1.19 0.00	34.22 -1.43 0.00	35.08 -1.35 0.00	35.38 -1.96 2.61	36.73 -1.95 1.88	37.63 -2.17 4.54	38.31 -2.32 3.07	41.76 -2.48 2.48	40.59 -2.46 0.19	42.81 -2.76 0.36	44.87 -2.46 0.01	52.20 -2.69 0.00	49.40 -2.27 0.00	44.05 -1.41 0.00	41.62 -1.11 0.00	39.75 -1.36 0.00	36.98 -1.50 0.00	34.65 -1.56 0.00
ROCHESTER_9_IC 23652	35.02 -0.61 0.00	28.81 -0.35 0.00	25.85 -0.16 0.00	23.64 -0.41 0.00	23.85 -0.29 0.00	27.83 -0.45 0.00	34.08 -1.02 0.00	34.43 -1.21 0.00	35.30 -1.13 0.00	35.65 -1.72 2.58	36.99 -1.70 1.86	37.99 -1.86 4.49	38.56 -2.10 3.03	42.07 -2.20 2.45	40.86 -2.21 0.18	43.09 -2.48 0.36	45.10 -2.22 0.01	52.48 -2.42 0.00	49.65 -2.02 0.00	44.27 -1.18 0.00	41.88 -0.85 0.00	40.00 -1.11 0.00	37.18 -1.31 0.00	34.83 -1.38 0.00
ROCKVIEW_13_KV_LD 356306	38.23 2.60 0.00	31.89 2.36 -0.37	27.98 1.98 0.00	26.04 2.00 0.00	26.14 2.00 0.00	30.40 2.12 0.00	37.21 2.11 0.00	38.18 2.53 0.00	39.12 2.70 0.00	40.82 3.16 2.29	42.03 3.12 1.64	43.78 3.41 3.97	44.55 3.54 2.68	48.38 3.83 2.17	46.76 3.68 0.16	49.74 4.13 0.32	51.59 4.26 0.01	60.05 5.16 0.00	56.11 4.44 0.00	49.00 3.55 0.00	45.68 2.95 0.00	43.82 2.71 0.00	40.95 2.46 0.00	38.63 2.43 0.00
ROME____115KV_TB2 80656	37.02 1.39 0.00	30.21 1.20 0.14	27.15 1.14 0.00	24.98 0.94 0.00	25.17 1.04 0.00	29.58 1.30 0.00	36.15 1.05 0.00	36.75 1.10 0.00	37.56 1.13 0.00	38.55 0.88 2.28	39.97 1.05 1.64	41.63 1.24 3.95	42.03 1.00 2.67	45.63 1.07 2.16	44.12 1.04 0.16	46.76 1.15 0.32	48.32 0.99 0.01	56.26 1.37 0.00	53.32 1.65 0.00	47.00 1.55 0.00	44.36 1.62 0.00	42.63 1.52 0.00	39.68 1.19 0.00	37.15 0.94 0.00
ROSETON___1 23587	37.69 2.07 0.00	31.48 1.95 -0.37	27.64 1.64 0.00	25.70 1.66 0.00	25.80 1.66 0.00	30.03 1.75 0.00	36.72 1.62 0.00	37.53 1.89 0.00	38.43 2.00 0.00	39.99 2.32 2.28	41.18 2.27 1.64	42.77 2.39 3.96	43.51 2.49 2.67	47.40 2.85 2.16	45.81 2.73 0.16	48.59 2.98 0.32	50.40 3.08 0.01	58.63 3.73 0.00	54.87 3.20 0.00	48.00 2.54 0.00	44.87 2.14 0.00	43.00 1.89 0.00	40.33 1.85 0.00	38.02 1.81 0.00
ROSETON___2 23588	37.69 2.07 0.00	31.48 1.95 -0.37	27.64 1.64 0.00	25.70 1.66 0.00	25.80 1.66 0.00	30.03 1.75 0.00	36.72 1.62 0.00	37.53 1.89 0.00	38.43 2.00 0.00	39.99 2.32 2.28	41.18 2.27 1.64	42.77 2.39 3.96	43.51 2.49 2.67	47.40 2.85 2.16	45.81 2.73 0.16	48.59 2.98 0.32	50.40 3.08 0.01	58.63 3.73 0.00	54.87 3.20 0.00	48.00 2.54 0.00	44.87 2.14 0.00	43.00 1.89 0.00	40.33 1.85 0.00	38.02 1.81 0.00
ROTRDAM_115KV_TB3 80664	36.84 1.21 0.00	34.98 1.17 -4.65	27.02 1.01 0.00	25.01 0.96 0.00	25.10 0.97 0.00	29.38 1.10 0.00	36.05 0.95 0.00	36.61 0.96 0.00	37.37 0.95 0.00	38.37 0.96 2.54	39.65 0.93 1.83	40.97 1.06 4.43	41.79 1.09 2.99	45.46 1.17 2.42	44.19 1.12 0.18	46.86 1.29 0.36	48.56 1.23 0.01	56.43 1.54 0.00	53.01 1.34 0.00	46.59 1.14 0.00	43.72 0.98 0.00	42.09 0.99 0.00	39.33 0.85 0.00	37.04 0.83 0.00
RUSSELL___1 23602	35.20 -0.43 0.00	28.96 -0.20 0.00	25.98 -0.03 0.00	23.73 -0.31 0.00	23.94 -0.19 0.00	27.94 -0.34 0.00	34.22 -0.88 0.00	34.61 -1.03 0.00	35.48 -0.95 0.00	35.85 -1.52 2.58	37.24 -1.46 1.86	38.26 -1.60 4.49	38.83 -1.84 3.03	42.35 -1.92 2.45	41.12 -1.95 0.18	43.32 -2.25 0.36	45.34 -1.99 0.01	52.75 -2.14 0.00	49.91 -1.76 0.00	44.55 -0.91 0.00	42.13 -0.60 0.00	40.24 -0.86 0.00	37.37 -1.12 0.00	35.01 -1.19 0.00
RUSSELL___2 23532	35.20 -0.43 0.00	28.96 -0.20 0.00	25.98 -0.03 0.00	23.73 -0.31 0.00	23.94 -0.19 0.00	27.94 -0.34 0.00	34.22 -0.88 0.00	34.61 -1.03 0.00	35.48 -0.95 0.00	35.85 -1.52 2.58	37.24 -1.46 1.86	38.26 -1.60 4.49	38.83 -1.84 3.03	42.35 -1.92 2.45	41.12 -1.95 0.18	43.32 -2.25 0.36	45.34 -1.99 0.01	52.75 -2.14 0.00	49.91 -1.76 0.00	44.55 -0.91 0.00	42.13 -0.60 0.00	40.24 -0.86 0.00	37.37 -1.12 0.00	35.01 -1.19 0.00
RUSSELL___3 23549	35.20 -0.43 0.00	28.96 -0.20 0.00	25.98 -0.03 0.00	23.73 -0.31 0.00	23.94 -0.19 0.00	27.94 -0.34 0.00	34.22 -0.88 0.00	34.61 -1.03 0.00	35.48 -0.95 0.00	35.85 -1.52 2.58	37.24 -1.46 1.86	38.26 -1.60 4.49	38.83 -1.84 3.03	42.35 -1.92 2.45	41.12 -1.95 0.18	43.32 -2.25 0.36	45.34 -1.99 0.01	52.75 -2.14 0.00	49.91 -1.76 0.00	44.55 -0.91 0.00	42.13 -0.60 0.00	40.24 -0.86 0.00	37.37 -1.12 0.00	35.01 -1.19 0.00
RUSSELL___4 23556	35.20 -0.43 0.00	28.96 -0.20 0.00	25.98 -0.03 0.00	23.73 -0.31 0.00	23.94 -0.19 0.00	27.94 -0.34 0.00	34.22 -0.88 0.00	34.61 -1.03 0.00	35.48 -0.95 0.00	35.85 -1.52 2.58	37.24 -1.46 1.86	38.26 -1.60 4.49	38.83 -1.84 3.03	42.35 -1.92 2.45	41.12 -1.95 0.18	43.32 -2.25 0.36	45.34 -1.99 0.01	52.75 -2.14 0.00	49.91 -1.76 0.00	44.55 -0.91 0.00	42.13 -0.60 0.00	40.24 -0.86 0.00	37.37 -1.12 0.00	35.01 -1.19 0.00
RUSSELL___STATION 23914	35.20 -0.43 0.00	28.96 -0.20 0.00	25.98 -0.03 0.00	23.73 -0.31 0.00	23.94 -0.19 0.00	27.94 -0.34 0.00	34.22 -0.88 0.00	34.61 -1.03 0.00	35.48 -0.95 0.00	35.85 -1.52 2.58	37.24 -1.46 1.86	38.26 -1.60 4.49	38.83 -1.84 3.03	42.35 -1.92 2.45	41.12 -1.95 0.18	43.32 -2.25 0.36	45.34 -1.99 0.01	52.75 -2.14 0.00	49.91 -1.76 0.00	44.55 -0.91 0.00	42.13 -0.60 0.00	40.24 -0.86 0.00	37.37 -1.12 0.00	35.01 -1.19 0.00
S SALMON___HYD 24043	35.63 0.00 0.00	29.16 0.12 0.11	26.16 0.16 0.00	24.09 0.05 0.00	24.26 0.12 0.00	28.42 0.14 0.00	34.82 -0.28 0.00	35.22 -0.43 0.00	35.95 -0.47 0.00	38.65 -0.72 0.58	39.57 -0.57 0.42	42.84 -0.49 1.01	42.35 -0.65 0.68	45.47 -0.70 0.55	42.51 -0.69 0.04	45.07 -0.78 0.08	46.44 -0.90 0.00	54.07 -0.82 0.00	51.10 -0.57 0.00	45.14 -0.32 0.00	42.69 -0.04 0.00	41.15 0.04 0.00	38.29 -0.19 0.00	35.88 -0.33 0.00
S.PERRY__115KV_TB1 80734	36.16 0.53 0.00	29.72 0.55 0.00	26.73 0.73 0.00	24.36 0.31 0.00	24.59 0.46 0.00	28.79 0.51 0.00	35.21 0.11 0.00	35.40 -0.25 0.00	36.06 -0.36 0.00	36.43 -1.08 2.45	37.66 -1.14 1.76	38.65 -1.42 4.27	39.23 -1.57 2.89	42.70 -1.68 2.33	41.38 -1.69 0.17	43.66 -1.93 0.34	45.81 -1.51 0.01	53.57 -1.32 0.00	51.05 -0.62 0.00	45.82 0.36 0.00	43.54 0.81 0.00	41.56 0.45 0.00	38.56 0.08 0.00	35.92 -0.29 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	34.24 -1.39 0.00	28.17 -0.99 0.00	25.40 -0.60 0.00	23.23 -0.82 0.00	23.46 -0.68 0.00	27.35 -0.93 0.00	33.24 -1.86 0.00	33.40 -2.25 0.00	34.28 -2.15 0.00	34.30 -3.04 2.61	35.59 -3.08 1.88	36.24 -3.55 4.55	37.03 -3.58 3.08	40.31 -3.92 2.49	39.25 -3.81 0.19	41.38 -4.18 0.37	43.87 -3.46 0.01	51.05 -3.84 0.00	48.36 -3.31 0.00	43.37 -2.09 0.00	40.90 -1.84 0.00	38.97 -2.14 0.00	36.25 -2.23 0.00	33.93 -2.28 0.00

SAWYER___23_KV_LOAD 55526	34.24 -1.39 0.00	28.17 -0.99 0.00	25.40 -0.60 0.00	23.23 -0.82 0.00	23.46 -0.68 0.00	27.35 -0.93 0.00	33.24 -1.86 0.00	33.40 -2.25 0.00	34.28 -2.15 0.00	34.30 -3.04 2.61	35.59 -3.08 1.88	36.24 -3.55 4.55	37.03 -3.58 3.08	40.31 -3.92 2.49	39.25 -3.81 0.19	41.38 -4.18 0.37	43.87 -3.46 0.01	51.05 -3.84 0.00	48.36 -3.31 0.00	43.37 -2.09 0.00	40.90 -1.84 0.00	38.97 -2.14 0.00	36.25 -2.23 0.00	33.93 -2.28 0.00
SELKIRK___I 23801	36.45 0.82 0.00	31.58 0.82 -1.61	26.76 0.75 0.00	24.79 0.75 0.00	24.88 0.75 0.00	29.07 0.79 0.00	35.63 0.53 0.00	36.18 0.54 0.00	36.97 0.55 0.00	38.00 0.48 2.43	39.21 0.41 1.75	40.52 0.40 4.22	41.32 0.48 2.85	44.97 0.56 2.31	43.63 0.56 0.17	46.23 0.64 0.34	47.94 0.61 0.01	55.72 0.82 0.00	52.39 0.72 0.00	46.05 0.59 0.00	43.25 0.51 0.00	41.60 0.50 0.00	38.95 0.46 0.00	36.68 0.47 0.00
SELKIRK___II 23799	36.30 0.68 0.00	31.59 0.70 -1.73	26.62 0.62 0.00	24.70 0.65 0.00	24.79 0.65 0.00	28.96 0.68 0.00	35.49 0.39 0.00	36.11 0.46 0.00	36.90 0.47 0.00	37.99 0.48 2.45	39.24 0.45 1.76	40.54 0.44 4.24	41.35 0.53 2.86	44.96 0.56 2.32	43.63 0.56 0.17	46.23 0.64 0.34	47.94 0.61 0.01	55.66 0.77 0.00	52.29 0.62 0.00	45.91 0.45 0.00	43.07 0.34 0.00	41.44 0.33 0.00	38.79 0.31 0.00	36.53 0.33 0.00
SENECA OSWGO___HYD 24041	34.95 -0.68 0.00	28.67 -0.38 0.11	25.72 -0.29 0.00	23.71 -0.34 0.00	23.85 -0.29 0.00	27.91 -0.37 0.00	34.33 -0.77 0.00	34.68 -0.96 0.00	35.48 -0.95 0.00	38.96 -1.20 -0.20	39.56 -1.14 -0.15	43.54 -1.15 -0.35	42.75 -1.18 -0.24	45.60 -1.31 -0.19	42.00 -1.26 -0.01	44.62 -1.33 -0.03	45.97 -1.37 0.00	53.46 -1.43 0.00	50.38 -1.29 0.00	44.37 -1.09 0.00	41.79 -0.94 0.00	40.16 -0.94 0.00	37.48 -1.00 0.00	35.16 -1.05 0.00
SENECA___115KV_TB3 355854	34.59 -1.03 0.00	28.46 -0.70 0.00	25.66 -0.34 0.00	23.47 -0.58 0.00	23.73 -0.41 0.00	27.63 -0.65 0.00	33.66 -1.44 0.00	33.90 -1.75 0.00	34.75 -1.68 0.00	34.88 -2.48 2.59	36.13 -2.55 1.86	36.85 -2.97 4.52	37.67 -2.97 3.05	41.03 -3.22 2.47	39.86 -3.20 0.18	42.03 -3.54 0.36	44.53 -2.79 0.01	51.76 -3.13 0.00	49.03 -2.64 0.00	43.96 -1.50 0.00	41.45 -1.28 0.00	39.50 -1.60 0.00	36.75 -1.73 0.00	34.33 -1.88 0.00
SENECA___ENERGY 23797	35.81 0.18 0.00	29.45 0.29 0.00	26.37 0.36 0.00	24.26 0.22 0.00	24.40 0.27 0.00	28.65 0.37 0.00	35.21 0.11 0.00	35.68 0.04 0.00	36.39 -0.04 0.85	38.74 -0.36 0.61	39.66 -0.28 1.49	42.58 -0.26 1.01	42.16 -0.52 1.01	45.29 -0.61 0.82	42.45 -0.74 0.06	45.16 -0.64 0.12	46.25 -1.09 0.00	53.85 -1.04 0.00	50.79 -0.88 0.00	44.91 -0.54 0.00	42.35 -0.39 0.00	40.66 -0.45 0.00	37.87 -0.62 0.00	35.48 -0.72 0.00
SHOEMAKER___GT 23640	37.34 1.71 0.00	31.12 1.63 -0.33	27.38 1.38 0.00	25.42 1.37 0.00	25.54 1.40 0.00	29.78 1.50 0.00	36.47 1.37 0.00	37.21 1.57 0.00	38.07 1.64 0.00	39.58 1.84 2.21	40.79 1.83 1.59	42.36 1.86 3.84	43.01 1.92 2.60	46.81 2.20 2.10	45.21 2.12 0.16	47.91 2.30 0.31	49.65 2.32 0.01	57.74 2.85 0.00	54.15 2.48 0.00	47.45 2.00 0.00	44.49 1.75 0.00	42.63 1.52 0.00	40.03 1.54 0.00	37.69 1.49 0.00
SHOEMAKR_138KV_BK 111 55601	37.34 1.71 0.00	31.12 1.63 -0.32	27.38 1.38 0.00	25.44 1.39 0.00	25.54 1.40 0.00	29.78 1.50 0.00	36.43 1.33 0.00	37.21 1.57 0.00	38.07 1.64 0.00	39.66 1.92 2.21	40.83 1.87 1.59	42.46 1.95 3.83	43.16 2.05 2.59	46.87 2.24 2.09	45.25 2.16 0.16	47.96 2.34 0.31	49.74 2.41 0.01	57.86 2.96 0.00	54.20 2.53 0.00	47.50 2.05 0.00	44.48 1.75 0.00	42.71 1.60 0.00	40.02 1.54 0.00	37.73 1.52 0.00
SHOREHAM_IC_1 23715	39.17 3.45 -0.08	32.37 2.83 -0.38	28.39 2.39 0.00	26.53 2.48 -0.01	26.62 2.49 0.00	30.92 2.63 -0.01	37.85 2.74 -0.01	38.83 3.17 -0.01	39.75 3.24 -0.08	41.68 3.55 1.83	43.25 3.33 0.63	45.15 3.28 2.47	46.15 3.28 0.82	50.23 3.74 0.23	63.23 3.42 -16.57	71.34 3.86 -21.56	82.79 3.83 -31.62	114.46 4.72 -54.85	110.35 4.34 -54.34	66.47 3.59 -17.42	63.91 3.03 -18.14	51.96 2.96 -7.89	42.34 3.16 -0.70	39.23 3.00 -0.01
SHOREHAM_IC_2 23716	39.13 3.42 -0.08	32.37 2.83 -0.38	28.39 2.39 0.00	26.72 2.67 -0.01	26.62 2.49 0.00	30.92 2.63 -0.01	37.85 2.74 -0.01	38.79 3.14 -0.01	39.75 3.24 -0.08	41.72 3.60 1.83	43.25 3.33 0.63	45.24 3.37 2.47	46.28 3.41 0.82	50.18 3.69 0.23	63.36 3.55 -16.57	71.34 3.86 -21.56	82.84 3.88 -31.62	114.51 4.78 -54.85	110.35 4.34 -54.34	66.47 3.59 -17.42	63.91 3.03 -18.14	52.08 3.08 -7.89	42.34 3.16 -0.70	39.37 3.15 -0.01
SISSONVILLE___ 23735	34.92 -0.71 0.00	28.26 -0.90 0.00	25.20 -0.81 0.00	23.25 -0.79 0.00	23.29 -0.84 0.00	27.29 -0.99 0.00	34.50 -0.60 0.00	35.15 -0.50 0.00	35.70 -0.73 0.00	38.19 -0.72 1.04	39.07 -0.73 0.75	41.82 -0.71 1.81	41.38 -1.09 1.22	44.61 -1.12 0.99	42.05 -1.12 0.07	44.36 -1.42 0.15	45.82 -1.51 0.00	53.13 -1.76 0.00	50.27 -1.40 0.00	44.41 -1.05 0.00	42.73 0.00 0.00	41.31 0.21 0.00	38.79 0.31 0.00	36.39 0.18 0.00
SITHE_IND_GS1 24169	34.67 -0.96 0.00	28.46 -0.58 0.12	25.53 -0.47 0.00	23.54 -0.51 0.00	23.68 -0.46 0.00	27.69 -0.60 0.00	34.08 -1.02 0.00	34.40 -1.25 0.00	35.15 -1.28 0.00	30.29 -1.52 8.14	33.20 -1.50 5.86	28.60 -1.59 14.14	32.52 -1.62 9.55	37.26 -1.73 7.72	41.02 -1.64 0.58	43.05 -1.75 1.14	45.50 -1.80 0.04	52.86 -2.03 0.00	49.86 -1.81 0.00	43.91 -1.55 0.00	41.36 -1.37 0.00	39.75 -1.36 0.00	37.10 -1.38 0.00	34.91 -1.30 0.00
SITHE_IND_GS2 24170	34.67 -0.96 0.00	28.46 -0.58 0.12	25.53 -0.47 0.00	23.54 -0.51 0.00	23.68 -0.46 0.00	27.69 -0.60 0.00	34.08 -1.02 0.00	34.40 -1.25 0.00	35.15 -1.28 0.00	30.29 -1.52 8.14	33.20 -1.50 5.86	28.60 -1.59 14.14	32.52 -1.62 9.55	37.26 -1.73 7.72	41.02 -1.64 0.58	43.05 -1.75 1.14	45.50 -1.80 0.04	52.86 -2.03 0.00	49.86 -1.81 0.00	43.91 -1.55 0.00	41.36 -1.37 0.00	39.75 -1.36 0.00	37.10 -1.38 0.00	34.91 -1.30 0.00
SITHE_IND_GS3 24171	34.67 -0.96 0.00	28.46 -0.58 0.12	25.53 -0.47 0.00	23.54 -0.51 0.00	23.68 -0.46 0.00	27.69 -0.60 0.00	34.08 -1.02 0.00	34.40 -1.25 0.00	35.15 -1.28 0.00	30.29 -1.52 8.14	33.20 -1.50 5.86	28.60 -1.59 14.14	32.52 -1.62 9.55	37.26 -1.73 7.72	41.02 -1.64 0.58	43.05 -1.75 1.14	45.50 -1.80 0.04	52.86 -2.03 0.00	49.86 -1.81 0.00	43.91 -1.55 0.00	41.36 -1.37 0.00	39.75 -1.36 0.00	37.10 -1.38 0.00	34.91 -1.30 0.00
SITHE_IND_GS4 24172	34.67 -0.96 0.00	28.46 -0.58 0.12	25.53 -0.47 0.00	23.54 -0.51 0.00	23.68 -0.46 0.00	27.69 -0.60 0.00	34.08 -1.02 0.00	34.40 -1.25 0.00	35.15 -1.28 0.00	30.29 -1.52 8.14	33.20 -1.50 5.86	28.60 -1.59 14.14	32.52 -1.62 9.55	37.26 -1.73 7.72	41.02 -1.64 0.58	43.05 -1.75 1.14	45.50 -1.80 0.04	52.86 -2.03 0.00	49.86 -1.81 0.00	43.91 -1.55 0.00	41.36 -1.37 0.00	39.75 -1.36 0.00	37.10 -1.38 0.00	34.91 -1.30 0.00

SITHE___BATAVIA 24024	35.34 -0.29 0.00	29.05 -0.12 0.00	26.16 0.16 0.00	23.83 -0.22 0.00	24.06 -0.07 0.00	28.08 -0.20 0.00	34.29 -0.81 0.00	34.83 -0.82 0.00	35.48 -0.95 0.00	35.77 -1.60 2.58	37.03 -1.66 1.85	37.86 -1.99 4.49	38.52 -2.14 3.03	42.02 -2.24 2.45	40.55 -2.51 0.18	42.76 -2.80 0.36	45.01 -2.32 0.01	52.53 -2.36 0.00	49.71 -1.96 0.00	44.68 -0.77 0.00	42.39 -0.34 0.00	40.66 -0.45 0.00	37.41 -1.08 0.00	35.20 -1.01 0.00
SITHE___INDEPEND 23800	34.67 -0.96 0.00	28.46 -0.58 0.12	25.53 -0.47 0.00	23.54 -0.50 0.00	23.68 -0.46 0.00	27.69 -0.59 0.00	34.08 -1.02 0.00	34.36 -1.28 0.00	35.15 -1.27 0.00	30.29 -1.52 8.14	33.19 -1.50 5.86	28.60 -1.60 14.14	32.52 -1.62 9.55	37.22 -1.78 7.72	41.02 -1.64 0.58	43.00 -1.79 1.14	45.50 -1.80 0.04	52.86 -2.03 0.00	49.86 -1.81 0.00	43.91 -1.55 0.00	41.37 -1.37 0.00	39.71 -1.40 0.00	37.10 -1.39 0.00	34.87 -1.34 0.00
SITHE___MASSENA 23902	35.70 0.07 0.00	28.96 -0.20 0.00	25.82 -0.18 0.00	23.85 -0.19 0.00	23.87 -0.26 0.00	28.08 -0.20 0.00	35.45 0.35 0.00	36.04 0.39 0.00	36.72 0.29 0.00	39.54 0.40 0.81	40.38 0.41 0.58	43.43 0.49 1.40	43.18 0.44 0.95	46.28 0.33 0.76	43.53 0.34 0.06	46.00 0.18 0.11	47.57 0.24 0.00	55.11 0.22 0.00	51.98 0.31 0.00	45.82 0.36 0.00	43.20 0.47 0.00	41.68 0.58 0.00	39.10 0.61 0.00	36.72 0.51 0.00
SITHE___OGDNSBRG 24021	36.16 0.53 0.00	29.22 0.06 0.00	26.05 0.05 0.00	24.02 -0.02 0.00	24.06 -0.07 0.00	28.37 0.08 0.00	35.87 0.77 0.00	36.46 0.82 0.00	37.01 0.58 0.00	39.71 0.68 0.92	40.50 0.61 0.66	43.46 0.71 1.59	43.14 0.52 1.08	46.50 0.65 0.87	43.74 0.56 0.07	46.17 0.37 0.13	47.71 0.38 0.00	55.39 0.49 0.00	52.50 0.83 0.00	46.46 1.00 0.00	43.72 0.98 0.00	42.26 1.15 0.00	39.60 1.12 0.00	37.11 0.91 0.00
SITHE___STERLING 23777	36.70 1.07 0.00	30.01 0.99 0.14	26.94 0.93 0.00	24.82 0.77 0.00	24.98 0.84 0.00	29.33 1.05 0.00	35.91 0.81 0.00	36.47 0.82 0.00	37.27 0.84 0.00	38.30 0.60 2.25	39.70 0.77 1.62	41.32 0.89 3.90	41.75 0.70 2.64	45.43 0.84 2.13	43.82 0.73 0.16	46.44 0.83 0.31	48.08 0.76 0.01	55.93 1.04 0.00	52.86 1.19 0.00	46.64 1.18 0.00	43.93 1.19 0.00	42.26 1.15 0.00	39.33 0.85 0.00	36.86 0.65 0.00
SLEIGHT__34_KV_TB1 80719	34.95 -0.68 0.00	28.78 -0.38 0.00	25.79 -0.21 0.00	23.61 -0.43 0.00	23.80 -0.34 0.00	27.86 -0.42 0.00	34.19 -0.91 0.00	34.58 -1.07 0.00	35.48 -0.95 0.00	36.37 -1.44 2.14	37.67 -1.34 1.54	39.16 -1.46 3.72	39.56 -1.62 2.51	42.96 -1.73 2.03	41.36 -1.73 0.15	43.65 -1.97 0.30	45.48 -1.85 0.01	52.92 -1.98 0.00	50.02 -1.65 0.00	44.37 -1.09 0.00	41.92 -0.81 0.00	40.08 -1.03 0.00	37.33 -1.15 0.00	34.91 -1.30 0.00
SMITHTWN_69_KV_BK 1 55830	39.28 3.53 -0.12	32.60 3.06 -0.38	28.60 2.60 0.00	26.75 2.69 -0.01	26.77 2.63 0.00	31.12 2.83 -0.01	38.06 2.95 -0.01	38.97 3.31 -0.01	39.94 3.39 -0.12	42.25 3.88 1.58	43.61 3.65 0.59	45.70 3.77 2.41	46.79 3.84 0.74	51.18 4.16 -0.31	72.28 3.94 -25.10	83.13 4.23 -32.98	99.54 4.31 -47.90	144.57 5.16 -84.52	139.91 4.60 -83.64	75.22 3.77 -25.99	73.56 3.38 -27.45	55.89 3.33 -11.45	42.64 3.43 -0.73	39.55 3.33 -0.01
SOUTH CAIRO___GT 23612	37.55 1.92 0.00	31.96 1.25 -1.54	27.43 1.43 0.00	25.37 1.32 0.00	25.46 1.33 0.00	29.84 1.56 0.00	36.64 1.54 0.00	37.11 1.46 0.00	37.81 1.38 0.00	38.78 1.24 2.41	39.88 1.05 1.73	41.10 0.93 4.17	42.01 1.14 2.82	45.65 1.21 2.28	44.24 1.17 0.17	46.65 1.06 0.34	48.42 1.09 0.01	56.37 1.48 0.00	53.06 1.40 0.00	46.87 1.41 0.00	44.36 1.62 0.00	42.67 1.56 0.00	39.99 1.50 0.00	37.55 1.34 0.00
SOUTH HAMPTN___IC 23720	39.41 3.71 -0.08	32.60 3.06 -0.38	28.60 2.60 0.00	26.75 2.69 -0.01	26.86 2.73 0.00	31.23 2.94 -0.01	38.23 3.12 -0.01	39.25 3.60 -0.01	40.26 3.75 -0.08	42.30 4.19 1.84	43.80 3.89 0.64	45.79 3.94 2.49	46.69 3.85 0.85	50.73 4.30 0.28	63.18 4.02 -15.91	71.11 4.50 -20.68	82.25 4.54 -30.37	113.02 5.54 -52.59	108.79 5.01 -52.11	66.39 4.18 -16.75	63.66 3.50 -17.42	52.04 3.33 -7.60	42.67 3.50 -0.69	39.62 3.40 -0.01
SOUTHDOWN_115KV_TB1 355954	35.59 -0.04 0.00	29.22 0.06 0.00	26.37 0.36 0.00	24.09 0.05 0.00	24.38 0.24 0.00	28.45 0.17 0.00	34.85 -0.25 0.00	35.18 -0.46 0.00	36.10 -0.33 0.00	36.38 -1.00 2.57	37.65 -1.05 1.85	38.44 -1.42 4.48	39.27 -1.40 3.02	42.68 -1.59 2.45	41.42 -1.64 0.18	43.64 -1.93 0.36	46.19 -1.14 0.01	53.63 -1.26 0.00	50.74 -0.93 0.00	45.50 0.05 0.00	42.95 0.21 0.00	40.94 -0.16 0.00	37.95 -0.54 0.00	35.38 -0.83 0.00
SOUTHOLD_69_KV_BK 2 55809	39.56 3.85 -0.08	32.72 3.18 -0.38	28.71 2.70 0.00	27.04 2.98 -0.01	27.03 2.90 0.00	31.48 3.20 -0.01	38.58 3.47 -0.01	39.61 3.96 -0.01	40.73 4.23 -0.08	42.90 4.79 1.84	44.33 4.42 0.64	46.33 4.48 2.49	47.21 4.37 0.85	51.02 4.58 0.28	63.62 4.45 -15.92	71.58 4.96 -20.69	82.83 5.11 -30.38	113.66 6.15 -52.62	109.28 5.48 -52.13	66.81 4.59 -16.76	64.05 3.89 -17.43	52.45 3.74 -7.60	42.83 3.66 -0.69	40.02 3.80 -0.01
SOUTHOLD___IC 23719	39.59 3.88 -0.08	32.72 3.18 -0.38	28.71 2.70 0.00	26.87 2.81 -0.01	27.03 2.90 0.00	31.48 3.19 -0.01	38.59 3.48 -0.01	39.65 3.99 -0.01	40.73 4.22 -0.08	42.86 4.75 1.84	44.33 4.42 0.64	46.24 4.39 2.49	47.08 4.24 0.85	51.06 4.63 0.28	63.53 4.37 -15.92	71.58 4.96 -20.69	82.79 5.07 -30.38	113.60 6.09 -52.62	109.28 5.47 -52.13	66.81 4.59 -16.76	64.01 3.85 -17.43	52.29 3.57 -7.60	42.83 3.66 -0.69	39.92 3.70 -0.01
SOUTH_FORK_WT_PWR 323839	39.30 3.60 -0.08	32.48 2.94 -0.38	28.52 2.52 0.00	26.72 2.67 -0.01	26.91 2.77 0.00	31.37 3.08 -0.01	38.48 3.37 -0.01	39.54 3.89 -0.01	40.62 4.12 -0.08	42.82 4.71 1.84	44.16 4.26 0.64	45.97 4.12 2.49	46.69 3.85 0.85	50.64 4.21 0.28	63.14 3.98 -15.92	71.16 4.55 -20.68	82.30 4.59 -30.37	113.04 5.54 -52.60	108.75 4.96 -52.12	66.39 4.18 -16.76	63.58 3.42 -17.43	51.88 3.17 -7.60	42.44 3.27 -0.69	39.70 3.48 -0.01
SPIERFLS_115KV_TB 1 80737	38.30 2.67 0.00	35.77 2.30 -4.31	28.00 2.00 0.00	25.90 1.85 0.00	25.95 1.81 0.00	30.49 2.21 0.00	37.42 2.32 0.00	38.03 2.39 0.00	38.07 1.64 0.00	38.98 1.56 2.53	40.19 1.46 1.82	41.67 1.73 4.40	42.51 1.79 2.97	46.27 1.96 2.40	44.92 1.86 0.18	47.73 2.16 0.35	49.03 1.70 0.01	57.09 2.20 0.00	53.43 1.76 0.00	46.82 1.36 0.00	43.93 1.20 0.00	42.63 1.52 0.00	39.75 1.27 0.00	37.55 1.34 0.00
ST LAWRENCE____ 23600	35.38 -0.25 0.00	28.75 -0.41 0.00	25.64 -0.36 0.00	23.69 -0.36 0.00	23.75 -0.39 0.00	27.91 -0.37 0.00	35.10 0.00 0.00	35.68 0.04 0.00	36.43 0.00 0.00	39.22 0.04 0.77	40.04 0.04 0.55	43.09 0.09 1.34	42.83 0.04 0.90	45.99 0.00 0.73	43.19 0.00 0.05	45.77 -0.05 0.11	47.34 0.00 0.00	54.78 -0.11 0.00	51.62 -0.05 0.00	45.46 0.00 0.00	42.78 0.04 0.00	41.23 0.12 0.00	38.64 0.15 0.00	36.35 0.15 0.00

STATE_CA_115KV_115_LB 55624	36.41 0.78 0.00	32.79 0.82 -2.81	26.70 0.70 0.00	24.77 0.72 0.00	24.84 0.70 0.00	29.04 0.76 0.00	35.56 0.46 0.00	36.22 0.57 0.00	38.03 1.60 0.00	39.11 1.64 2.48	40.43 1.66 1.78	41.77 1.86 4.43	42.62 1.92 2.99	46.35 2.06 2.42	45.01 1.95 0.18	47.73 2.16 0.36	48.13 0.80 0.01	55.88 0.99 0.00	52.39 0.72 0.00	46.00 0.55 0.00	43.16 0.43 0.00	41.56 0.45 0.00	38.87 0.38 0.00	36.61 0.40 0.00
STATE_ST_34_KV_LOAD 55959	35.73 0.11 0.00	29.42 0.26 0.00	26.34 0.34 0.00	24.21 0.17 0.00	24.35 0.22 0.00	28.56 0.28 0.00	35.10 0.00 0.00	35.54 -0.11 0.00	36.35 -0.07 0.00	38.85 -0.32 0.78	39.75 -0.24 0.56	42.72 -0.27 1.35	42.43 -0.35 0.91	45.56 -0.42 0.74	42.71 -0.48 0.06	45.31 -0.51 0.11	46.81 -0.52 0.00	54.45 -0.44 0.00	51.41 -0.26 0.00	45.32 -0.14 0.00	42.69 -0.04 0.00	40.98 -0.12 0.00	38.21 -0.27 0.00	35.74 -0.47 0.00
STATION_5_MISC_HYD 23604	35.02 -0.61 0.00	28.81 -0.35 0.00	25.85 -0.16 0.00	23.64 -0.41 0.00	23.85 -0.29 0.00	27.83 -0.45 0.00	34.08 -1.02 0.00	34.54 -1.11 0.00	35.30 -1.13 0.00	35.81 -1.56 2.58	37.11 -1.58 1.86	38.08 -1.77 4.49	38.74 -1.92 3.03	42.21 -2.05 2.45	40.90 -2.16 0.18	43.13 -2.44 0.36	45.15 -2.18 0.01	52.64 -2.25 0.00	49.65 -2.02 0.00	44.32 -1.13 0.00	41.88 -0.85 0.00	40.20 -0.90 0.00	37.18 -1.31 0.00	34.98 -1.23 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	35.95 0.32 0.00	29.57 0.41 0.00	26.50 0.49 0.00	24.21 0.17 0.00	24.43 0.29 0.00	28.59 0.31 0.00	35.14 0.04 0.00	35.57 -0.07 0.00	36.50 0.07 0.00	38.02 -0.36 1.57	39.18 -0.24 1.13	41.35 -0.27 2.73	41.33 -0.52 1.84	44.76 -0.47 1.49	42.53 -0.61 0.11	44.88 -0.83 0.22	45.58 -1.75 0.01	53.08 -1.81 0.00	50.17 -1.50 0.00	44.55 -0.91 0.00	42.09 -0.64 0.00	40.24 -0.86 0.00	37.52 -0.96 0.00	35.09 -1.12 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	34.84 -0.78 0.00	28.67 -0.50 0.00	25.72 -0.29 0.00	23.52 -0.53 0.00	23.73 -0.41 0.00	27.69 -0.59 0.00	33.94 -1.16 0.00	34.29 -1.35 0.00	35.15 -1.27 0.00	35.54 -1.84 2.57	36.92 -1.78 1.85	37.88 -2.00 4.47	38.49 -2.18 3.02	41.99 -2.29 2.44	40.77 -2.29 0.18	43.00 -2.57 0.36	44.96 -2.37 0.01	52.37 -2.52 0.00	49.50 -2.17 0.00	44.09 -1.36 0.00	41.71 -1.03 0.00	39.83 -1.27 0.00	37.02 -1.46 0.00	34.69 -1.52 0.00
STA_56___34_KV_BUS2 355983	34.84 -0.78 0.00	28.67 -0.50 0.00	25.72 -0.29 0.00	23.52 -0.53 0.00	23.73 -0.41 0.00	27.69 -0.59 0.00	33.94 -1.16 0.00	34.29 -1.35 0.00	35.15 -1.27 0.00	35.54 -1.84 2.57	36.92 -1.78 1.85	37.88 -2.00 4.47	38.49 -2.18 3.02	41.99 -2.29 2.44	40.77 -2.29 0.18	43.00 -2.57 0.36	44.96 -2.37 0.01	52.37 -2.52 0.00	49.50 -2.17 0.00	44.09 -1.36 0.00	41.71 -1.03 0.00	39.83 -1.27 0.00	37.02 -1.46 0.00	34.69 -1.52 0.00
STA_67___115KV_BK2 355882	34.95 -0.68 0.00	28.75 -0.41 0.00	25.79 -0.21 0.00	23.59 -0.46 0.00	23.80 -0.34 0.00	27.77 -0.51 0.00	34.01 -1.09 0.00	34.33 -1.32 0.00	35.19 -1.24 0.00	35.57 -1.80 2.58	36.91 -1.78 1.86	37.85 -2.00 4.49	38.47 -2.18 3.04	41.97 -2.29 2.45	40.77 -2.29 0.18	42.99 -2.57 0.36	45.01 -2.32 0.01	52.37 -2.52 0.00	49.55 -2.12 0.00	44.18 -1.27 0.00	41.79 -0.94 0.00	39.87 -1.23 0.00	37.10 -1.39 0.00	34.76 -1.45 0.00
STA_7___115KV_9TRANS 80674	35.20 -0.43 0.00	28.96 -0.20 0.00	25.98 -0.03 0.00	23.73 -0.31 0.00	23.94 -0.19 0.00	27.94 -0.34 0.00	34.22 -0.88 0.00	34.61 -1.03 0.00	35.48 -0.95 0.00	35.85 -1.52 2.58	37.24 -1.46 1.86	38.26 -1.60 4.49	38.83 -1.84 3.03	42.35 -1.92 2.45	41.12 -1.95 0.18	43.32 -2.25 0.36	45.34 -1.99 0.01	52.75 -2.14 0.00	49.91 -1.76 0.00	44.55 -0.91 0.00	42.13 -0.60 0.00	40.24 -0.86 0.00	37.37 -1.12 0.00	35.01 -1.19 0.00
STA_82___115KV_TB1 80780	34.95 -0.68 0.00	28.75 -0.41 0.00	25.79 -0.21 0.00	23.59 -0.46 0.00	23.80 -0.34 0.00	27.80 -0.48 0.00	34.01 -1.09 0.00	34.36 -1.28 0.00	35.23 -1.20 0.00	35.59 -1.80 2.56	36.93 -1.78 1.84	37.94 -1.95 4.45	38.50 -2.18 3.01	42.00 -2.29 2.43	40.77 -2.29 0.18	43.00 -2.57 0.36	45.01 -2.32 0.01	52.42 -2.47 0.00	49.55 -2.12 0.00	44.18 -1.27 0.00	41.79 -0.94 0.00	39.92 -1.19 0.00	37.10 -1.39 0.00	34.76 -1.45 0.00
STEEL___WIND 323596	34.59 -1.03 0.00	28.46 -0.70 0.00	25.66 -0.34 0.00	23.47 -0.58 0.00	23.70 -0.43 0.00	27.63 -0.65 0.00	33.63 -1.47 0.00	34.08 -1.57 0.00	34.75 -1.68 0.00	35.08 -2.28 2.59	36.25 -2.43 1.86	36.94 -2.88 4.52	37.89 -2.75 3.05	41.21 -3.04 2.47	39.86 -3.20 0.18	42.12 -3.45 0.36	44.58 -2.75 0.01	51.87 -3.02 0.00	48.98 -2.69 0.00	43.96 -1.50 0.00	41.45 -1.28 0.00	39.83 -1.27 0.00	36.71 -1.77 0.00	34.54 -1.67 0.00
STEPHTWN_115KV_BK_2 55603	36.55 0.93 0.00	32.30 0.93 -2.21	26.78 0.78 0.00	24.84 0.79 0.00	24.91 0.77 0.00	29.13 0.85 0.00	35.73 0.63 0.00	36.39 0.75 0.00	37.19 0.76 0.00	38.25 0.76 2.46	39.51 0.73 1.77	40.88 0.80 4.26	41.73 0.92 2.88	45.28 0.89 2.33	43.98 0.91 0.17	46.64 1.06 0.34	48.37 1.04 0.01	56.21 1.32 0.00	52.75 1.09 0.00	46.23 0.77 0.00	43.42 0.68 0.00	41.81 0.70 0.00	39.10 0.62 0.00	36.79 0.58 0.00
STEBEN_REC_LFGE 323667	35.98 0.36 0.00	29.60 0.44 0.00	26.63 0.62 0.00	24.38 0.34 0.00	24.62 0.48 0.00	28.85 0.57 0.00	35.24 0.14 0.00	35.61 -0.04 0.00	36.43 0.00 0.00	37.01 -0.64 2.30	38.29 -0.61 1.65	39.31 -0.98 4.06	39.90 -1.05 2.74	43.24 -1.26 2.22	41.78 -1.30 0.17	44.18 -1.42 0.33	46.19 -1.14 0.01	53.96 -0.93 0.00	51.20 -0.47 0.00	45.64 0.18 0.00	43.20 0.47 0.00	41.23 0.12 0.00	38.45 -0.04 0.00	35.74 -0.47 0.00
STILLWATER___SOLAR 323814	37.55 1.92 0.00	35.28 1.98 -4.14	27.72 1.72 0.00	25.68 1.64 0.00	25.73 1.59 0.00	30.18 1.90 0.00	36.99 1.89 0.00	37.25 1.61 0.00	38.10 1.68 0.00	39.11 1.68 2.52	40.36 1.62 1.81	41.77 1.82 4.39	42.56 1.83 2.96	46.37 2.05 2.40	45.01 1.95 0.18	47.82 2.25 0.35	49.46 2.13 0.01	57.53 2.63 0.00	54.00 2.33 0.00	47.37 1.91 0.00	44.44 1.71 0.00	42.83 1.73 0.00	40.03 1.54 0.00	37.69 1.49 0.00
STONY___BROOK 24151	39.26 3.53 -0.10	32.57 3.03 -0.38	28.58 2.57 0.00	26.68 2.62 -0.01	26.74 2.61 0.00	31.09 2.80 -0.01	38.02 2.91 -0.01	39.00 3.35 -0.01	39.92 3.39 -0.10	42.03 3.80 1.72	43.52 3.57 0.60	45.54 3.64 2.43	46.55 3.62 0.77	50.79 4.06 -0.01	67.23 3.85 -20.13	76.25 3.99 -26.32	89.83 4.07 -38.42	127.04 4.94 -67.21	122.60 4.39 -66.55	70.06 3.59 -21.01	68.05 3.29 -22.03	53.58 3.08 -9.38	42.59 3.39 -0.72	39.44 3.22 -0.01
STURGEON_POOL_HYD 23609	38.41 2.78 0.00	32.30 2.51 -0.63	28.08 2.08 0.00	26.09 2.04 0.00	26.21 2.08 0.00	30.54 2.26 0.00	37.38 2.28 0.00	38.18 2.53 0.00	39.16 2.73 0.00	40.78 3.12 2.29	41.95 3.04 1.64	43.43 3.06 3.97	44.29 3.28 2.68	48.15 3.60 2.17	46.54 3.46 0.16	49.19 3.58 0.32	50.78 3.46 0.01	59.17 4.28 0.00	55.29 3.62 0.00	48.41 2.95 0.00	45.34 2.61 0.00	43.45 2.34 0.00	40.72 2.23 0.00	38.42 2.21 0.00

ST_LAW_115_BK7_LBMP 345037	35.38 -0.25 0.00	28.73 -0.44 0.00	25.61 -0.39 0.00	23.66 -0.39 0.00	23.70 -0.43 0.00	27.88 -0.40 0.00	35.10 0.00 0.00	35.68 0.04 0.00	36.43 0.00 0.00	39.25 0.08 0.78	40.03 0.04 0.56	43.08 0.09 1.35	42.82 0.04 0.91	45.98 0.00 0.74	43.19 0.00 0.06	45.77 -0.05 0.11	47.29 -0.05 0.00	54.78 -0.11 0.00	51.62 -0.05 0.00	45.46 0.00 0.00	42.78 0.04 0.00	41.23 0.12 0.00	38.68 0.19 0.00	36.35 0.15 0.00
ST_LAW_115_BK8_LBMP 345038	35.38 -0.25 0.00	28.73 -0.44 0.00	25.61 -0.39 0.00	23.66 -0.39 0.00	23.70 -0.43 0.00	27.88 -0.40 0.00	35.10 0.00 0.00	35.68 0.04 0.00	36.43 0.00 0.00	39.25 0.08 0.78	40.03 0.04 0.56	43.08 0.09 1.35	42.82 0.04 0.91	45.98 0.00 0.74	43.19 0.00 0.06	45.77 -0.05 0.11	47.29 -0.05 0.00	54.78 -0.11 0.00	51.62 -0.05 0.00	45.46 0.00 0.00	42.78 0.04 0.00	41.23 0.12 0.00	38.68 0.19 0.00	36.35 0.15 0.00
ST_LAW_230_BK5_LBMP 345035	35.38 -0.25 0.00	28.75 -0.41 0.00	25.64 -0.36 0.00	23.69 -0.36 0.00	23.75 -0.39 0.00	27.91 -0.37 0.00	35.10 0.00 0.00	35.68 0.04 0.00	36.43 0.00 0.00	39.23 0.04 0.76	40.05 0.04 0.55	43.11 0.09 1.32	42.84 0.04 0.89	46.00 0.00 0.72	43.19 0.00 0.05	45.78 -0.05 0.11	47.34 0.00 0.00	54.78 -0.11 0.00	51.62 -0.05 0.00	45.46 0.00 0.00	42.78 0.04 0.00	41.23 0.12 0.00	38.64 0.15 0.00	36.35 0.15 0.00
ST_LAW_230_BK6_LBMP 345036	35.38 -0.25 0.00	28.75 -0.41 0.00	25.64 -0.36 0.00	23.69 -0.36 0.00	23.75 -0.39 0.00	27.91 -0.37 0.00	35.10 0.00 0.00	35.68 0.04 0.00	36.43 0.00 0.00	39.23 0.04 0.76	40.05 0.04 0.55	43.11 0.09 1.32	42.84 0.04 0.89	46.00 0.00 0.72	43.19 0.00 0.05	45.78 -0.05 0.11	47.34 0.00 0.00	54.78 -0.11 0.00	51.62 -0.05 0.00	45.46 0.00 0.00	42.78 0.04 0.00	41.23 0.12 0.00	38.64 0.15 0.00	36.35 0.15 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	37.55 1.92 0.00	31.37 1.87 -0.34	27.56 1.56 0.00	25.63 1.59 0.00	25.73 1.59 0.00	29.95 1.67 0.00	36.64 1.54 0.00	37.46 1.82 0.00	38.36 1.93 0.00	39.95 2.24 2.23	41.13 2.19 1.61	42.81 2.35 3.88	43.52 2.45 2.62	47.26 2.66 2.12	45.68 2.59 0.16	48.46 2.85 0.31	50.26 2.93 0.01	58.46 3.57 0.00	54.67 3.00 0.00	47.87 2.41 0.00	44.83 2.09 0.00	43.00 1.89 0.00	40.25 1.77 0.00	37.98 1.77 0.00
SWANROAD_115KV_TB1 355699	33.70 -1.92 0.00	27.76 -1.40 0.00	25.07 -0.94 0.00	22.92 -1.13 0.00	23.15 -0.99 0.00	26.95 -1.33 0.00	32.68 -2.42 0.00	32.83 -2.82 0.00	33.66 -2.77 0.00	33.55 -3.80 2.61	34.87 -3.81 1.87	35.41 -4.39 4.54	36.17 -4.46 3.06	39.47 -4.77 2.48	38.43 -4.63 0.19	40.51 -5.05 0.36	42.97 -4.36 0.01	50.01 -4.89 0.00	47.43 -4.24 0.00	42.59 -2.86 0.00	40.21 -2.52 0.00	38.27 -2.84 0.00	35.64 -2.85 0.00	33.35 -2.86 0.00
SYNERGY___BIOGAS 323694	35.31 -0.32 0.00	29.05 -0.12 0.00	26.16 0.16 0.00	23.78 -0.26 0.00	24.06 -0.07 0.00	28.08 -0.20 0.00	34.29 -0.81 0.00	34.61 -1.03 0.00	35.48 -0.95 0.00	35.57 -1.80 2.58	36.91 -1.78 1.85	37.72 -2.13 4.49	38.26 -2.40 3.03	41.84 -2.43 2.45	40.55 -2.51 0.18	42.67 -2.89 0.36	44.91 -2.41 0.01	52.37 -2.52 0.00	49.71 -1.96 0.00	44.68 -0.77 0.00	42.35 -0.38 0.00	40.33 -0.78 0.00	37.41 -1.08 0.00	34.98 -1.23 0.00
SYRACUSE___ENERGY_ST1 323597	35.52 -0.11 0.00	29.25 0.09 0.00	26.16 0.16 0.00	24.09 0.05 0.00	24.21 0.07 0.00	28.37 0.08 0.00	34.89 -0.21 0.00	35.25 -0.39 0.00	36.10 -0.33 0.00	38.85 -0.56 0.54	39.71 -0.45 0.39	42.95 -0.44 0.94	42.57 -0.48 0.64	45.64 -0.56 0.52	42.64 -0.56 0.04	45.25 -0.60 0.08	46.72 -0.62 0.00	54.29 -0.60 0.00	51.20 -0.47 0.00	45.05 -0.41 0.00	42.43 -0.30 0.00	40.74 -0.37 0.00	38.06 -0.42 0.00	35.67 -0.54 0.00
SYRACUSE___ENERGY_ST2 323598	35.52 -0.11 0.00	29.25 0.09 0.00	26.16 0.16 0.00	24.09 0.05 0.00	24.21 0.07 0.00	28.37 0.08 0.00	34.89 -0.21 0.00	35.25 -0.39 0.00	36.10 -0.33 0.00	38.85 -0.56 0.54	39.71 -0.45 0.39	42.95 -0.44 0.94	42.57 -0.48 0.64	45.64 -0.56 0.52	42.64 -0.56 0.04	45.25 -0.60 0.08	46.72 -0.62 0.00	54.29 -0.60 0.00	51.20 -0.47 0.00	45.05 -0.41 0.00	42.43 -0.30 0.00	40.74 -0.37 0.00	38.06 -0.42 0.00	35.67 -0.54 0.00
SYRACUSE___POWER 24017	35.59 -0.04 0.00	29.28 0.12 0.00	26.18 0.18 0.00	24.12 0.07 0.00	24.26 0.12 0.00	28.42 0.14 0.00	34.92 -0.18 0.00	35.32 -0.32 0.00	36.14 -0.29 0.00	37.92 -0.52 1.51	39.06 -0.41 1.09	41.32 -0.40 2.63	41.48 -0.44 1.77	44.82 -0.47 1.43	42.66 -0.48 0.11	45.21 -0.51 0.21	46.86 -0.47 0.01	54.45 -0.44 0.00	51.36 -0.31 0.00	45.23 -0.23 0.00	42.56 -0.17 0.00	40.86 -0.25 0.00	38.14 -0.35 0.00	35.74 -0.47 0.00
TALLMAN__138KV_BK151 55660	37.80 2.17 0.00	31.59 2.07 -0.35	27.74 1.74 0.00	25.80 1.76 0.00	25.92 1.79 0.00	30.15 1.87 0.00	36.86 1.76 0.00	37.71 2.07 0.00	38.65 2.22 0.00	40.29 2.60 2.26	41.48 2.55 1.62	43.17 2.75 3.92	43.88 2.84 2.65	47.71 3.13 2.14	46.07 2.98 0.16	48.92 3.31 0.32	50.74 3.41 0.01	59.06 4.17 0.00	55.18 3.51 0.00	48.27 2.82 0.00	45.13 2.39 0.00	43.29 2.18 0.00	40.49 2.00 0.00	38.20 1.99 0.00
TEALLAVE_115KV_TB7 355573	35.49 -0.14 0.00	29.11 0.06 0.11	26.13 0.13 0.00	24.07 0.02 0.00	24.21 0.07 0.00	28.37 0.08 0.00	34.82 -0.28 0.00	35.22 -0.43 0.00	36.06 -0.36 0.00	37.72 -0.60 1.63	38.89 -0.49 1.18	41.02 -0.49 2.84	41.25 -0.52 1.92	44.61 -0.56 1.55	42.57 -0.56 0.12	45.10 -0.60 0.23	46.72 -0.62 0.01	54.29 -0.60 0.00	51.20 -0.47 0.00	45.09 -0.36 0.00	42.43 -0.30 0.00	40.74 -0.37 0.00	38.02 -0.46 0.00	35.67 -0.54 0.00
TELGRAPH_34_KV_EAST 80808	34.52 -1.10 0.00	28.40 -0.76 0.00	25.61 -0.39 0.00	23.37 -0.67 0.00	23.63 -0.51 0.00	27.52 -0.76 0.00	33.52 -1.58 0.00	33.76 -1.89 0.00	34.61 -1.82 0.00	34.64 -2.72 2.59	35.93 -2.76 1.86	36.64 -3.19 4.51	37.28 -3.36 3.05	40.70 -3.55 2.46	39.56 -3.50 0.18	41.66 -3.90 0.36	44.01 -3.31 0.01	51.27 -3.62 0.00	48.62 -3.05 0.00	43.68 -1.77 0.00	41.32 -1.41 0.00	39.34 -1.77 0.00	36.56 -1.92 0.00	34.18 -2.03 0.00
TEMPLE___115KV_TB 2 55572	35.52 -0.11 0.00	29.14 0.09 0.11	26.16 0.16 0.00	24.09 0.05 0.00	24.23 0.10 0.00	28.37 0.08 0.00	34.85 -0.25 0.00	35.25 -0.39 0.00	36.10 -0.33 0.00	37.72 -0.56 1.68	38.90 -0.45 1.21	40.99 -0.44 2.91	41.25 -0.48 1.96	44.57 -0.56 1.59	42.61 -0.52 0.12	45.10 -0.60 0.23	46.76 -0.57 0.01	54.34 -0.55 0.00	51.20 -0.47 0.00	45.09 -0.36 0.00	42.48 -0.26 0.00	40.78 -0.33 0.00	38.06 -0.42 0.00	35.67 -0.54 0.00
TIANA____69_KV_BK 1 55817	39.38 3.67 -0.08	32.60 3.06 -0.38	28.58 2.57 0.00	26.89 2.84 -0.01	26.81 2.68 0.00	31.17 2.88 -0.01	38.16 3.05 -0.01	39.15 3.49 -0.01	40.15 3.64 -0.08	42.18 4.08 1.84	43.72 3.81 0.64	45.75 3.90 2.49	46.78 3.93 0.85	50.64 4.20 0.28	63.23 4.07 -15.92	71.07 4.45 -20.69	82.21 4.50 -30.38	112.94 5.43 -52.61	108.71 4.91 -52.13	66.31 4.09 -16.76	63.67 3.50 -17.43	52.16 3.45 -7.60	42.67 3.50 -0.69	39.70 3.48 -0.01

TILDEN___115KV_TB1 80814	35.59 -0.04 0.00	29.28 0.12 0.00	26.18 0.18 0.00	24.12 0.07 0.00	24.26 0.12 0.00	28.42 0.14 0.00	34.92 -0.18 0.00	35.32 -0.32 0.00	36.14 -0.29 0.00	37.92 -0.52 1.51	39.06 -0.41 1.09	41.32 -0.40 2.63	41.48 -0.44 1.77	44.82 -0.47 1.43	42.66 -0.48 0.11	45.21 -0.51 0.21	46.86 -0.47 0.01	54.45 -0.44 0.00	51.36 -0.31 0.00	45.23 -0.23 0.00	42.56 -0.17 0.00	40.86 -0.25 0.00	38.14 -0.35 0.00	35.74 -0.47 0.00
TRIGEN___CC 323695	38.50 2.85 -0.02	32.20 2.65 -0.38	28.26 2.26 0.00	26.35 2.28 -0.02	26.43 2.29 0.00	30.73 2.43 -0.02	37.54 2.42 -0.02	38.37 2.71 -0.02	39.32 2.88 -0.02	40.96 3.28 2.27	50.23 3.33 -6.35	55.65 3.50 -7.81	59.13 3.50 -11.94	56.51 3.78 -6.01	56.08 3.50 -9.33	57.25 3.81 -7.51	66.41 3.93 -15.15	63.62 4.78 -3.95	61.20 4.19 -5.35	63.44 3.41 -14.58	54.88 2.99 -9.16	55.64 2.96 -11.57	46.81 2.81 -5.51	38.93 2.68 -0.05
TRINITY___115KV__4 BK 55933	36.27 0.64 0.00	32.16 0.70 -2.30	26.60 0.60 0.00	24.70 0.65 0.00	24.76 0.63 0.00	28.93 0.65 0.00	35.42 0.32 0.00	36.07 0.43 0.00	36.86 0.44 0.00	37.93 0.44 2.46	39.19 0.41 1.77	40.47 0.40 4.27	41.33 0.52 2.88	44.85 0.47 2.33	43.55 0.48 0.17	46.14 0.55 0.34	47.90 0.57 0.01	55.60 0.71 0.00	52.19 0.52 0.00	45.77 0.32 0.00	42.95 0.21 0.00	41.40 0.29 0.00	38.72 0.23 0.00	36.50 0.29 0.00
UNION___PROCESSING_DRP 323587	34.95 -0.68 0.00	28.75 -0.41 0.00	25.82 -0.18 0.00	23.59 -0.46 0.00	23.82 -0.31 0.00	27.80 -0.48 0.00	34.05 -1.05 0.00	34.36 -1.28 0.00	35.23 -1.20 0.00	35.60 -1.80 2.55	36.97 -1.74 1.83	37.96 -1.95 4.43	38.56 -2.14 2.99	42.05 -2.24 2.42	40.81 -2.25 0.18	43.00 -2.57 0.36	45.01 -2.32 0.01	52.42 -2.47 0.00	49.60 -2.07 0.00	44.23 -1.23 0.00	41.79 -0.94 0.00	39.92 -1.19 0.00	37.10 -1.39 0.00	34.76 -1.45 0.00
UPPER HUDSON___HYD 24058	37.41 1.78 0.00	35.77 2.30 -4.31	28.00 2.00 0.00	25.90 1.85 0.00	25.95 1.81 0.00	30.49 2.21 0.00	37.42 2.32 0.00	37.14 1.50 0.00	38.03 1.60 0.00	38.98 1.56 2.53	40.19 1.46 1.82	41.67 1.73 4.40	42.47 1.75 2.97	46.32 2.01 2.40	44.92 1.86 0.18	47.73 2.16 0.35	49.03 1.70 0.01	57.09 2.20 0.00	53.43 1.76 0.00	46.82 1.36 0.00	43.93 1.19 0.00	42.63 1.52 0.00	39.75 1.27 0.00	37.55 1.34 0.00
UPPER RAQUET___HYD 24056	34.92 -0.71 0.00	28.26 -0.90 0.00	25.20 -0.81 0.00	23.25 -0.79 0.00	23.29 -0.85 0.00	27.29 -0.99 0.00	34.50 -0.60 0.00	35.11 -0.53 0.00	35.70 -0.73 0.00	38.19 -0.72 1.04	39.07 -0.73 0.75	41.82 -0.71 1.81	41.38 -1.09 1.22	44.42 -1.31 0.99	42.05 -1.12 0.07	44.36 -1.42 0.15	45.82 -1.52 0.00	53.13 -1.76 0.00	50.28 -1.39 0.00	44.41 -1.04 0.00	42.73 0.00 0.00	41.31 0.21 0.00	38.79 0.31 0.00	36.39 0.18 0.00
VALLEY44_115KV_TB2 355964	34.63 -1.00 0.00	28.49 -0.67 0.00	25.69 -0.31 0.00	23.54 -0.50 0.00	23.77 -0.36 0.00	27.74 -0.54 0.00	33.91 -1.19 0.00	34.25 -1.39 0.00	35.08 -1.35 0.00	35.31 -2.08 2.56	36.56 -2.15 1.84	37.35 -2.53 4.46	38.14 -2.53 3.01	41.52 -2.76 2.44	40.42 -2.64 0.18	42.68 -2.89 0.36	45.15 -2.18 0.01	52.48 -2.42 0.00	49.55 -2.12 0.00	44.37 -1.09 0.00	41.84 -0.90 0.00	39.87 -1.23 0.00	36.98 -1.50 0.00	34.54 -1.67 0.00
VALLEY___115KV_TB 1-4 80826	35.88 0.25 0.00	29.33 0.35 0.19	26.31 0.31 0.00	24.34 0.29 0.00	24.45 0.31 0.00	28.65 0.37 0.00	35.14 0.04 0.00	35.68 0.04 0.00	36.46 0.04 0.00	36.89 -0.08 2.98	38.37 -0.04 2.14	39.17 0.00 5.17	40.11 -0.09 3.49	43.80 -0.09 2.82	42.99 -0.04 0.21	45.51 0.00 0.42	47.23 -0.09 0.01	54.84 -0.05 0.00	51.62 -0.05 0.00	45.41 -0.05 0.00	42.65 -0.09 0.00	41.07 -0.04 0.00	38.33 -0.15 0.00	36.06 -0.14 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	37.20 1.57 0.00	31.05 1.43 -0.46	27.30 1.30 0.00	25.22 1.18 0.00	25.37 1.23 0.00	29.72 1.44 0.00	36.36 1.26 0.00	37.07 1.43 0.00	37.92 1.49 0.00	38.90 1.44 2.49	40.30 1.54 1.79	41.79 1.77 4.32	42.39 1.62 2.92	46.13 1.78 2.36	44.75 1.69 0.18	47.42 1.84 0.35	49.13 1.80 0.01	57.03 2.14 0.00	53.84 2.17 0.00	47.37 1.91 0.00	44.53 1.79 0.00	42.83 1.73 0.00	39.91 1.42 0.00	37.48 1.27 0.00
VISCHER___FERRY HYD 24020	37.30 1.67 0.00	34.36 1.66 -3.54	27.46 1.46 0.00	25.44 1.39 0.00	25.54 1.40 0.00	29.86 1.58 0.00	36.54 1.44 0.00	36.96 1.32 0.00	37.81 1.38 0.00	38.85 1.40 2.50	40.17 1.42 1.80	41.51 1.51 4.34	42.38 1.62 2.93	46.17 1.82 2.37	44.71 1.64 0.18	47.51 1.93 0.35	49.17 1.84 0.01	57.14 2.25 0.00	53.63 1.96 0.00	47.05 1.59 0.00	44.14 1.41 0.00	42.46 1.35 0.00	39.72 1.23 0.00	37.48 1.27 0.00
V_A_10_SYNC_DSASP 323832	34.17 -1.46 0.00	28.14 -1.02 0.00	25.30 -0.70 0.00	23.16 -0.89 0.00	23.39 -0.75 0.00	27.26 -1.02 0.00	33.20 -1.90 0.00	33.40 -2.25 0.00	34.24 -2.19 0.00	34.28 -3.00 2.67	35.59 -3.04 1.92	36.24 -3.46 4.65	36.97 -3.58 3.14	40.35 -3.83 2.54	39.34 -3.72 0.19	41.47 -4.09 0.37	43.78 -3.55 0.01	50.99 -3.90 0.00	48.26 -3.41 0.00	43.18 -2.27 0.00	40.77 -1.97 0.00	38.85 -2.26 0.00	36.18 -2.31 0.00	33.89 -2.32 0.00
V_CMM_10_SYNC_DSASP 323787	35.56 -0.07 0.00	28.87 -0.29 0.00	25.74 -0.26 0.00	23.78 -0.26 0.00	23.82 -0.31 0.00	28.00 -0.28 0.00	35.28 0.18 0.00	35.90 0.25 0.00	36.61 0.18 0.00	39.45 0.28 0.78	40.24 0.24 0.56	43.30 0.31 1.35	43.09 0.31 0.91	46.26 0.28 0.74	43.41 0.22 0.06	45.96 0.14 0.11	47.53 0.19 0.00	55.06 0.17 0.00	51.88 0.21 0.00	45.68 0.23 0.00	43.03 0.30 0.00	41.48 0.37 0.00	38.87 0.38 0.00	36.57 0.36 0.00
V_CMP_10_SYNC_DSASP 323788	36.09 0.46 0.00	29.31 0.15 0.00	26.13 0.13 0.00	24.12 0.07 0.00	24.16 0.02 0.00	28.42 0.14 0.00	35.80 0.70 0.00	36.43 0.78 0.00	37.19 0.77 0.00	40.03 0.84 0.76	40.86 0.85 0.55	43.95 0.93 1.32	43.76 0.96 0.89	46.98 0.98 0.72	44.06 0.86 0.05	46.60 0.78 0.11	48.19 0.85 0.00	55.88 0.99 0.00	52.70 1.03 0.00	46.46 1.00 0.00	43.80 1.07 0.00	42.18 1.07 0.00	39.48 1.00 0.00	37.15 0.94 0.00
V_D_10_SYNC_DSASP 323841	35.70 0.07 0.00	28.96 -0.20 0.00	25.82 -0.18 0.00	23.85 -0.19 0.00	23.87 -0.26 0.00	28.08 -0.20 0.00	35.45 0.35 0.00	36.04 0.39 0.00	36.72 0.29 0.00	39.55 0.40 0.80	40.38 0.41 0.58	43.43 0.49 1.40	43.18 0.44 0.94	46.28 0.33 0.76	43.53 0.34 0.06	46.00 0.18 0.11	47.57 0.24 0.00	55.11 0.22 0.00	51.98 0.31 0.00	45.82 0.36 0.00	43.20 0.47 0.00	41.68 0.58 0.00	39.10 0.61 0.00	36.72 0.51 0.00
V_E_10_SYNC_DSASP 323830	38.37 2.74 0.00	31.60 2.30 -0.13	28.19 2.18 0.00	25.87 1.83 0.00	26.14 2.00 0.00	30.83 2.55 0.00	37.52 2.42 0.00	38.25 2.60 0.00	38.91 2.48 0.00	39.75 2.12 2.32	41.19 2.31 1.67	43.05 2.71 3.99	43.26 2.27 2.70	47.01 2.47 2.18	45.37 2.29 0.16	48.18 2.57 0.32	49.74 2.41 0.01	58.07 3.18 0.00	55.23 3.56 0.00	48.91 3.45 0.00	46.15 3.42 0.00	44.44 3.33 0.00	41.06 2.58 0.00	38.38 2.17 0.00



V_F_30_NSYNC___DSASP 323816	37.59 1.96 0.00	35.39 2.01 -4.21	27.72 1.72 0.00	25.68 1.64 0.00	25.73 1.59 0.00	30.18 1.90 0.00	36.99 1.89 0.00	37.29 1.64 0.00	38.14 1.71 0.00	39.14 1.72 2.53	40.40 1.66 1.82	41.81 1.86 4.39	42.64 1.92 2.97	46.47 2.15 2.40	45.10 2.03 0.18	47.87 2.30 0.35	49.51 2.18 0.01	57.58 2.69 0.00	54.05 2.38 0.00	47.41 1.95 0.00	44.49 1.75 0.00	42.87 1.77 0.00	40.06 1.58 0.00	37.73 1.52 0.00
V_F_30_SYNC_DSASP 323786	36.41 0.78 0.00	32.75 0.82 -2.77	26.70 0.70 0.00	24.77 0.72 0.00	24.84 0.70 0.00	29.04 0.76 0.00	35.56 0.46 0.00	36.22 0.57 0.00	36.90 0.47 0.00	37.95 0.48 2.48	39.17 0.41 1.78	40.52 0.44 4.26	41.38 0.57 2.88	44.90 0.51 2.33	43.59 0.52 0.17	46.18 0.60 0.34	48.13 0.80 0.01	55.88 0.99 0.00	52.39 0.72 0.00	46.00 0.55 0.00	43.16 0.43 0.00	41.56 0.45 0.00	38.87 0.38 0.00	36.61 0.40 0.00
V_XM_10_SYNC_DSASP 323789	36.09 0.46 0.00	29.31 0.15 0.00	26.13 0.13 0.00	24.12 0.07 0.00	24.16 0.02 0.00	28.42 0.14 0.00	35.80 0.70 0.00	36.43 0.78 0.00	37.19 0.77 0.00	40.03 0.84 0.76	40.86 0.85 0.55	43.95 0.93 1.32	43.76 0.96 0.89	46.98 0.98 0.72	44.06 0.86 0.05	46.60 0.78 0.11	48.19 0.85 0.00	55.88 0.99 0.00	52.70 1.03 0.00	46.46 1.00 0.00	43.80 1.07 0.00	42.18 1.07 0.00	39.48 1.00 0.00	37.15 0.94 0.00
W.BABYLN_69_KV_BK1 56697	39.17 3.53 -0.02	32.69 3.15 -0.38	28.68 2.68 0.00	26.77 2.72 -0.01	26.81 2.68 0.00	31.17 2.88 -0.01	38.13 3.02 -0.01	39.04 3.39 -0.01	39.94 3.50 -0.02	41.64 3.92 2.22	44.89 3.81 -0.52	47.38 3.81 0.78	48.82 3.84 -1.29	50.98 4.11 -0.15	51.40 3.94 -4.22	54.48 4.32 -4.24	59.30 4.40 -7.56	67.60 5.32 -7.38	64.10 4.75 -7.68	55.17 3.95 -5.76	50.61 3.42 -4.46	48.36 3.37 -3.88	43.52 3.54 -1.49	39.59 3.37 -0.02
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	37.87 2.24 0.00	31.65 2.13 -0.36	27.80 1.79 0.00	25.85 1.80 0.00	25.97 1.83 0.00	30.23 1.95 0.00	36.93 1.83 0.00	37.78 2.14 0.00	38.69 2.26 0.00	40.36 2.68 2.26	41.56 2.64 1.63	43.20 2.79 3.93	43.96 2.93 2.66	47.75 3.18 2.15	46.15 3.07 0.16	48.96 3.35 0.32	50.78 3.46 0.01	59.12 4.23 0.00	55.23 3.57 0.00	48.32 2.86 0.00	45.17 2.44 0.00	43.37 2.26 0.00	40.56 2.08 0.00	38.27 2.06 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	38.30 2.67 0.00	31.95 2.42 -0.37	28.03 2.03 0.00	26.09 2.04 0.00	26.21 2.08 0.00	30.46 2.18 0.00	37.28 2.18 0.00	38.21 2.57 0.00	39.20 2.77 0.00	40.94 3.28 2.29	42.15 3.24 1.64	43.92 3.55 3.97	44.64 3.63 2.68	48.43 3.88 2.17	46.80 3.72 0.16	49.70 4.09 0.32	51.54 4.21 0.01	60.05 5.16 0.00	56.06 4.39 0.00	48.91 3.45 0.00	45.68 2.95 0.00	43.86 2.75 0.00	41.06 2.58 0.00	38.74 2.53 0.00
W50THST__13_KV_LOAD 356117	38.48 2.85 0.00	32.10 2.57 -0.37	28.16 2.16 0.00	26.23 2.19 0.00	26.33 2.20 0.00	30.60 2.32 0.00	37.49 2.39 0.00	38.46 2.82 0.00	39.45 3.02 0.00	41.26 3.60 2.29	42.48 3.57 1.64	44.27 3.90 3.97	44.98 3.98 2.68	48.80 4.25 2.17	47.15 4.07 0.16	50.06 4.45 0.32	51.92 4.59 0.01	60.49 5.60 0.00	56.42 4.75 0.00	49.23 3.77 0.00	45.94 3.20 0.00	44.11 3.00 0.00	41.29 2.81 0.00	38.96 2.75 0.00
WADING RIVER_IC_1 23522	39.13 3.42 -0.08	32.34 2.80 -0.38	28.37 2.37 0.00	26.51 2.45 -0.01	26.60 2.46 0.00	30.92 2.63 -0.01	37.81 2.70 -0.01	38.79 3.14 -0.01	39.71 3.21 -0.08	41.66 3.55 1.85	43.23 3.33 0.65	45.12 3.28 2.50	46.11 3.28 0.85	50.12 3.69 0.29	62.53 3.42 -15.87	70.36 3.81 -20.62	81.41 3.79 -30.29	112.01 4.66 -52.46	107.93 4.29 -51.97	65.71 3.55 -16.71	63.10 2.99 -17.38	51.61 2.92 -7.58	42.28 3.12 -0.68	39.22 3.00 -0.01
WADING RIVER_IC_2 23547	39.13 3.42 -0.08	32.34 2.80 -0.38	28.37 2.37 0.00	26.51 2.45 -0.01	26.60 2.46 0.00	30.92 2.63 -0.01	37.81 2.70 -0.01	38.79 3.14 -0.01	39.71 3.21 -0.08	41.66 3.55 1.85	43.23 3.33 0.65	45.12 3.28 2.50	46.11 3.28 0.85	50.12 3.69 0.29	62.53 3.42 -15.87	70.36 3.81 -20.62	81.41 3.79 -30.29	112.01 4.66 -52.46	107.93 4.29 -51.97	65.71 3.55 -16.71	63.10 2.99 -17.38	51.61 2.92 -7.58	42.28 3.12 -0.68	39.22 3.00 -0.01
WADING RIVER_IC_3 23601	39.13 3.42 -0.08	32.34 2.80 -0.38	28.37 2.37 0.00	26.51 2.45 -0.01	26.60 2.46 0.00	30.92 2.63 -0.01	37.81 2.70 -0.01	38.79 3.14 -0.01	39.71 3.21 -0.08	41.66 3.55 1.85	43.23 3.33 0.65	45.12 3.28 2.50	46.11 3.28 0.85	50.12 3.69 0.29	62.53 3.42 -15.87	70.36 3.81 -20.62	81.41 3.79 -30.29	112.01 4.66 -52.46	107.93 4.29 -51.97	65.71 3.55 -16.71	63.10 2.99 -17.38	51.61 2.92 -7.58	42.28 3.12 -0.68	39.22 3.00 -0.01
WALDENNY_12_KV_BK2 80841	34.56 -1.07 0.00	28.43 -0.73 0.00	25.66 -0.34 0.00	23.45 -0.60 0.00	23.70 -0.43 0.00	27.60 -0.68 0.00	33.63 -1.47 0.00	33.83 -1.82 0.00	34.72 -1.71 0.00	34.84 -2.52 2.60	36.13 -2.55 1.87	36.80 -3.02 4.52	37.62 -3.01 3.05	40.98 -3.27 2.47	39.82 -3.24 0.18	42.03 -3.54 0.36	44.49 -2.84 0.01	51.71 -3.18 0.00	48.98 -2.69 0.00	43.91 -1.55 0.00	41.45 -1.28 0.00	39.46 -1.64 0.00	36.71 -1.77 0.00	34.29 -1.92 0.00
WALDEN___HYDRO 24148	37.87 2.24 0.00	31.64 2.10 -0.38	27.74 1.74 0.00	25.78 1.73 0.00	25.90 1.76 0.00	30.18 1.89 0.00	36.89 1.79 0.00	37.71 2.07 0.00	38.61 2.19 0.00	40.21 2.52 2.26	41.40 2.47 1.62	42.99 2.57 3.92	43.75 2.71 2.65	47.52 2.94 2.14	45.94 2.85 0.16	48.69 3.08 0.32	50.45 3.12 0.01	58.73 3.84 0.00	54.92 3.26 0.00	48.09 2.64 0.00	45.04 2.31 0.00	43.20 2.10 0.00	40.49 2.00 0.00	38.16 1.96 0.00
WARRENSBURG____ 23737	38.30 2.67 0.00	35.77 2.30 -4.31	28.00 2.00 0.00	25.90 1.85 0.00	25.95 1.81 0.00	30.49 2.21 0.00	37.42 2.32 0.00	38.03 2.39 0.00	38.07 1.64 0.00	38.98 1.56 2.53	40.19 1.46 1.82	41.67 1.73 4.40	42.51 1.79 2.97	46.27 1.96 2.40	44.92 1.86 0.18	47.73 2.16 0.35	49.03 1.70 0.01	57.09 2.20 0.00	53.43 1.76 0.00	46.82 1.36 0.00	43.93 1.20 0.00	42.63 1.52 0.00	39.75 1.27 0.00	37.55 1.34 0.00
WATERSIDE___6 8 9 23538	38.41 2.78 -0.01	32.05 2.51 -0.38	28.11 2.11 -0.01	26.17 2.12 -0.01	26.29 2.15 -0.01	30.49 2.21 0.00	37.24 2.14 0.00	38.18 2.53 0.00	39.16 2.73 0.00	40.98 3.32 2.29	42.15 3.24 1.64	43.92 3.55 3.97	44.59 3.58 2.68	48.33 3.78 2.17	46.72 3.63 0.16	49.56 3.95 0.32	51.40 4.07 0.01	59.78 4.89 0.00	55.75 4.08 0.00	48.77 3.32 0.00	45.55 2.82 0.00	43.86 2.75 0.00	41.14 2.66 0.00	38.85 2.64 0.00
WATKINRD_115KV_LN8_ILLION 55919	35.88 0.25 0.00	29.33 0.35 0.19	26.31 0.31 0.00	24.34 0.29 0.00	24.45 0.31 0.00	28.65 0.37 0.00	35.14 0.04 0.00	35.64 0.00 0.00	36.43 0.00 0.00	36.85 -0.12 2.98	38.33 -0.08 2.14	39.13 -0.04 5.17	40.11 -0.09 3.49	43.80 -0.09 2.82	42.99 -0.04 0.21	45.51 0.00 0.42	47.23 -0.09 0.01	54.84 -0.05 0.00	51.67 0.00 0.00	45.46 0.00 0.00	42.69 -0.04 0.00	41.07 -0.04 0.00	38.33 -0.15 0.00	36.06 -0.14 0.00

WDELAWARE___HYD 323627	38.05 2.42 0.00	31.75 2.19 -0.40	27.79 1.79 0.00	25.75 1.71 0.00	25.90 1.76 0.00	30.23 1.95 0.00	37.06 1.96 0.00	37.82 2.17 0.00	38.72 2.30 0.00	40.25 2.48 2.18	41.46 2.47 1.57	43.07 2.53 3.79	43.71 2.58 2.56	47.64 2.99 2.07	45.94 2.85 0.16	48.56 2.94 0.30	50.22 2.89 0.01	58.51 3.62 0.00	54.87 3.20 0.00	48.23 2.77 0.00	45.30 2.56 0.00	43.37 2.26 0.00	40.64 2.15 0.00	38.24 2.03 0.00
WEST BABYLON___IC 23714	39.17 3.53 -0.02	32.69 3.15 -0.38	28.68 2.68 0.00	26.77 2.72 -0.01	26.81 2.68 0.00	31.17 2.88 -0.01	38.13 3.02 -0.01	39.04 3.39 -0.01	39.94 3.50 -0.02	41.64 3.92 2.22	44.89 3.81 -0.52	47.38 3.81 0.78	48.82 3.84 -1.29	50.98 4.11 -0.15	51.40 3.94 -4.22	54.48 4.32 -4.24	59.30 4.40 -7.56	67.60 5.32 -7.38	64.10 4.75 -7.68	55.17 3.95 -5.76	50.61 3.42 -4.46	48.36 3.37 -3.88	43.52 3.54 -1.49	39.59 3.37 -0.02
WEST CANADA___HYD 24049	35.91 0.28 0.00	29.38 0.41 0.19	26.39 0.39 0.00	24.41 0.36 0.00	24.52 0.38 0.00	28.68 0.40 0.00	35.21 0.11 0.00	35.68 0.04 0.00	36.50 0.07 0.00	36.97 0.00 2.98	38.41 0.00 2.14	39.17 0.00 5.17	40.20 0.00 3.49	43.94 0.05 2.82	43.08 0.04 0.21	45.60 0.09 0.42	47.33 0.00 0.01	54.95 0.05 0.00	51.77 0.10 0.00	45.50 0.05 0.00	42.78 0.04 0.00	41.15 0.04 0.00	38.45 -0.04 0.00	36.17 -0.04 0.00
WESTERN_NY_WIND 24143	35.27 -0.36 0.00	29.02 -0.15 0.00	26.13 0.13 0.00	23.78 -0.26 0.00	24.04 -0.10 0.00	28.05 -0.23 0.00	34.26 -0.84 0.00	34.58 -1.07 0.00	35.44 -0.98 0.00	35.49 -1.88 2.58	36.83 -1.87 1.86	37.67 -2.17 4.49	38.21 -2.45 3.04	41.74 -2.52 2.45	40.47 -2.59 0.18	42.58 -2.99 0.36	44.87 -2.46 0.01	52.31 -2.58 0.00	49.60 -2.07 0.00	44.64 -0.82 0.00	42.31 -0.43 0.00	40.29 -0.82 0.00	37.37 -1.12 0.00	34.94 -1.27 0.00
WESTOVER___LESR 323668	35.91 0.29 0.00	29.57 0.41 0.00	26.44 0.44 0.00	24.38 0.34 0.00	24.55 0.41 0.00	28.70 0.42 0.00	35.17 0.07 0.00	35.68 0.04 0.00	36.50 0.07 0.00	37.25 -0.20 2.50	38.63 -0.12 1.80	39.81 -0.18 4.36	40.53 -0.22 2.94	44.10 -0.23 2.38	42.81 -0.26 0.18	45.30 -0.28 0.35	47.23 -0.09 0.01	54.89 0.00 0.00	51.77 0.10 0.00	45.73 0.27 0.00	43.03 0.30 0.00	41.27 0.16 0.00	38.48 0.00 0.00	36.06 -0.14 0.00
WETHRSFD_WT_PWR 323626	34.88 -0.75 0.00	28.69 -0.47 0.00	25.85 -0.16 0.00	23.69 -0.36 0.00	23.89 -0.24 0.00	27.88 -0.40 0.00	33.98 -1.12 0.00	34.43 -1.21 0.00	35.08 -1.35 0.00	35.52 -1.92 2.51	36.68 -2.07 1.81	37.43 -2.53 4.38	38.24 -2.49 2.96	41.57 -2.76 2.39	40.17 -2.90 0.18	42.50 -3.08 0.35	44.72 -2.60 0.01	52.15 -2.74 0.00	49.34 -2.32 0.00	44.18 -1.27 0.00	41.79 -0.94 0.00	40.12 -0.99 0.00	37.06 -1.42 0.00	34.83 -1.38 0.00
WHAVSTOR_138KV_BK127 55557	37.77 2.14 0.00	31.56 2.04 -0.36	27.72 1.72 0.00	25.80 1.76 0.00	25.90 1.76 0.00	30.12 1.84 0.00	36.82 1.72 0.00	37.68 2.03 0.00	38.58 2.15 0.00	40.24 2.56 2.27	41.40 2.47 1.63	43.07 2.66 3.93	43.83 2.80 2.66	47.60 3.04 2.15	46.02 2.94 0.16	48.87 3.26 0.32	50.69 3.36 0.01	59.01 4.12 0.00	55.08 3.41 0.00	48.18 2.73 0.00	45.04 2.31 0.00	43.20 2.10 0.00	40.45 1.96 0.00	38.20 1.99 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	37.77 2.14 0.00	31.56 2.04 -0.36	27.72 1.72 0.00	25.80 1.76 0.00	25.90 1.76 0.00	30.12 1.84 0.00	36.82 1.72 0.00	37.68 2.03 0.00	38.58 2.15 0.00	40.24 2.56 2.27	41.40 2.47 1.63	43.07 2.66 3.93	43.83 2.80 2.66	47.60 3.04 2.15	46.02 2.94 0.16	48.87 3.26 0.32	50.69 3.36 0.01	59.01 4.12 0.00	55.08 3.41 0.00	48.18 2.73 0.00	45.04 2.31 0.00	43.20 2.10 0.00	40.45 1.96 0.00	38.20 1.99 0.00
WHITEHAL_115KV_TB1 80871	39.05 3.42 0.00	36.32 2.89 -4.27	28.47 2.47 0.00	26.33 2.28 0.00	26.33 2.20 0.00	31.05 2.77 0.00	38.15 3.05 0.00	38.82 3.17 0.00	38.90 2.48 0.00	39.74 2.32 2.53	40.96 2.23 1.82	42.60 2.66 4.40	43.43 2.71 2.97	47.30 2.99 2.40	45.83 2.77 0.18	48.70 3.12 0.35	50.17 2.84 0.01	58.51 3.62 0.00	54.82 3.15 0.00	48.05 2.59 0.00	45.17 2.44 0.00	43.74 2.63 0.00	40.75 2.27 0.00	38.31 2.10 0.00
WHITEPLN_13_KV_LOAD 356215	38.41 2.78 0.00	32.04 2.51 -0.37	28.11 2.11 0.00	26.16 2.12 0.00	26.24 2.10 0.00	30.54 2.26 0.00	37.35 2.25 0.00	38.43 2.78 0.00	39.41 2.99 0.00	41.14 3.48 2.29	42.36 3.45 1.64	44.18 3.81 3.97	44.94 3.93 2.68	48.80 4.25 2.17	47.19 4.11 0.16	50.43 4.82 0.32	52.30 4.97 0.01	60.87 5.98 0.00	56.84 5.17 0.00	49.46 4.00 0.00	46.02 3.29 0.00	44.07 2.96 0.00	41.14 2.66 0.00	38.78 2.57 0.00
WM_FLOYD_69_KV_BK2 356380	39.20 3.49 -0.08	32.48 2.95 -0.38	28.50 2.50 0.00	26.77 2.72 -0.01	26.72 2.58 0.00	31.03 2.74 -0.01	37.99 2.88 -0.01	38.93 3.28 -0.01	39.86 3.35 -0.08	41.87 3.76 1.84	43.41 3.49 0.62	45.38 3.50 2.46	46.42 3.54 0.81	50.30 3.83 0.25	63.11 3.68 -16.19	70.96 4.00 -21.03	82.29 4.07 -30.88	113.36 5.00 -53.48	109.15 4.50 -52.99	66.22 3.73 -17.04	63.66 3.20 -17.72	52.01 3.17 -7.73	42.49 3.31 -0.70	39.48 3.26 -0.01
WOODARD___115KV_TB2 355635	35.45 -0.18 0.00	29.08 0.03 0.11	26.08 0.08 0.00	24.05 0.00 0.00	24.16 0.02 0.00	28.31 0.03 0.00	34.78 -0.32 0.00	35.18 -0.46 0.00	35.99 -0.44 0.00	38.15 -0.64 1.16	39.19 -0.53 0.83	41.80 -0.53 2.01	41.77 -0.57 1.36	44.97 -0.65 1.10	42.51 -0.65 0.08	45.08 -0.69 0.16	46.67 -0.66 0.01	54.23 -0.66 0.00	51.10 -0.57 0.00	45.00 -0.45 0.00	42.39 -0.34 0.00	40.70 -0.41 0.00	37.98 -0.50 0.00	35.59 -0.62 0.00
WOODMERE_69_KV_BK1 55827	39.14 3.49 -0.02	32.72 3.18 -0.38	28.73 2.73 0.00	26.75 2.69 -0.01	26.81 2.68 0.00	31.24 2.94 -0.01	38.13 3.02 -0.02	38.98 3.31 -0.02	39.98 3.53 -0.01	41.72 4.04 2.27	58.61 4.18 -13.88	67.75 4.52 -18.89	73.93 4.54 -25.70	65.28 4.86 -13.70	66.10 4.58 -18.27	65.73 4.96 -14.84	81.86 5.16 -29.36	68.78 6.20 -7.68	67.63 5.58 -10.38	78.38 4.64 -28.28	64.57 4.06 -17.78	67.51 3.95 -22.45	52.85 3.66 -10.71	39.65 3.37 -0.07
YORK___WARBASSE 23770	38.63 2.99 -0.01	32.25 2.71 -0.38	28.25 2.24 -0.01	26.29 2.24 -0.01	26.39 2.24 -0.01	30.60 2.32 0.00	37.38 2.28 0.00	38.32 2.67 0.00	39.31 2.88 0.00	41.18 3.52 2.29	42.31 3.41 1.64	44.14 3.77 3.97	44.72 3.71 2.68	48.52 3.97 2.17	46.93 3.85 0.16	49.79 4.18 0.32	51.64 4.31 0.01	60.11 5.21 0.00	56.06 4.39 0.00	49.00 3.55 0.00	45.86 3.12 -0.01	44.16 3.04 -0.01	41.42 2.92 -0.01	39.08 2.86 -0.01