

# Day Ahead Market Generator LBMP

Generator Data		--- Marginal Cost of Losses															--- Marginal Cost of Congestion										10/03/2023		
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	22.69	20.35	19.15	18.42	18.38	19.62	25.59	28.46	26.91	26.16	25.14	26.17	28.11	31.22	34.19	39.11	42.91	53.83	54.75	48.01	36.91	32.06	27.07	25.95				
		1.18	0.90	0.84	0.74	0.76	0.90	1.70	2.11	2.27	2.16	2.01	2.05	2.17	2.29	2.46	2.61	3.24	4.37	4.37	3.84	2.28	2.04	1.89	1.63				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	0.00	-0.27	-0.24	-0.11	-3.95	-1.24	-1.06	0.00	-0.07	0.00	0.00				
74TH STREET_GT_1	24260	22.73	20.39	19.18	18.47	18.41	19.67	25.61	28.48	26.89	26.13	25.10	26.14	28.06	31.20	34.10	39.14	43.22	53.83	54.85	48.09	36.98	32.14	27.12	26.00				
		1.23	0.93	0.88	0.80	0.79	0.95	1.72	2.13	2.24	2.14	1.97	2.03	2.12	2.26	2.36	2.65	3.56	4.37	4.47	3.92	2.35	2.13	1.94	1.68				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	0.00	-0.27	-0.24	-0.11	-3.95	-1.24	-1.06	0.00	-0.07	0.00	0.00				
74TH STREET_GT_2	24261	22.73	20.39	19.18	18.47	18.41	19.67	25.61	28.48	26.89	26.13	25.10	26.14	28.06	31.20	34.10	39.14	43.22	53.83	54.85	48.09	36.98	32.14	27.12	26.00				
		1.23	0.93	0.88	0.80	0.79	0.95	1.72	2.13	2.24	2.14	1.97	2.03	2.12	2.26	2.36	2.65	3.56	4.37	4.47	3.92	2.35	2.13	1.94	1.68				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	0.00	-0.27	-0.24	-0.11	-3.95	-1.24	-1.06	0.00	-0.07	0.00	0.00				
ADK HUDSON___FALLS	24011	22.41	20.21	19.00	18.37	18.25	19.34	25.06	27.96	26.07	25.41	24.45	25.40	27.06	30.30	33.06	37.95	42.17	50.60	53.82	47.30	37.36	32.10	26.76	25.78				
		0.90	0.76	0.70	0.69	0.63	0.62	1.17	1.61	1.43	1.42	1.32	1.28	1.27	1.36	1.54	1.89	2.57	3.41	4.23	3.79	2.74	2.13	1.59	1.46				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	-0.05	0.19	-0.04	-1.68	-0.46	-0.39	0.00	-0.02	0.00	0.00				
ADK RESOURCE___RCVRY	23798	22.45	20.25	19.04	18.40	18.27	19.35	25.11	28.06	26.15	25.51	24.54	25.49	27.17	30.41	33.18	38.09	42.25	50.83	54.21	47.60	37.56	32.25	26.86	25.88				
		0.95	0.80	0.73	0.73	0.65	0.64	1.22	1.71	1.50	1.51	1.41	1.37	1.37	1.48	1.67	2.03	2.65	3.64	4.62	4.10	2.94	2.28	1.69	1.56				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	-0.05	0.19	-0.04	-1.68	-0.46	-0.39	0.00	-0.02	0.00	0.00				
ADK S GLENS___FALLS	24028	22.41	20.21	19.00	18.37	18.25	19.34	25.06	27.96	26.07	25.41	24.45	25.40	27.06	30.30	33.06	37.95	42.17	50.60	53.82	47.30	37.36	32.10	26.76	25.78				
		0.90	0.76	0.70	0.69	0.63	0.62	1.17	1.61	1.43	1.42	1.32	1.28	1.27	1.36	1.54	1.89	2.57	3.41	4.23	3.79	2.74	2.13	1.59	1.46				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	-0.05	0.19	-0.04	-1.68	-0.46	-0.39	0.00	-0.02	0.00	0.00				
ADK_NYS___DAM	23527	22.28	20.20	18.96	18.37	18.29	19.45	25.20	27.93	26.17	25.39	24.34	25.25	26.91	30.24	32.84	37.30	41.77	50.42	52.94	46.57	36.59	31.53	26.49	25.46				
		0.77	0.74	0.66	0.69	0.67	0.73	1.31	1.58	1.53	1.39	1.20	1.13	1.19	1.30	1.35	1.45	2.17	3.05	3.29	3.02	1.97	1.56	1.31	1.14				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	-0.02	0.40	-0.05	-1.86	-0.51	-0.44	0.00	-0.03	0.00	0.00				
AIR_PRODUCTS___DRP	24190	21.81	19.73	18.56	17.96	17.90	18.81	24.20	26.85	25.14	24.45	23.50	24.43	26.17	29.17	31.77	36.35	40.43	48.43	50.89	44.72	35.18	30.40	25.50	24.68				
		0.30	0.27	0.26	0.28	0.28	0.09	0.31	0.50	0.49	0.46	0.37	0.31	0.36	0.23	0.25	0.25	0.83	1.18	1.28	1.21	0.55	0.42	0.33	0.36				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	-0.06	0.16	-0.04	-1.73	-0.47	-0.40	0.00	-0.03	0.00	0.00				
AKWESSNE_115KV_BK	355683	21.18	19.22	18.07	17.45	17.43	18.51	23.56	26.01	24.33	23.71	22.88	23.85	25.61	28.68	31.15	35.97	38.61	44.15	47.62	41.73	34.24	29.71	24.98	24.05				
		-0.32	-0.23	-0.24	-0.23	-0.19	-0.21	-0.33	-0.34	-0.32	-0.29	-0.25	-0.27	-0.26	-0.26	-0.31	-0.29	-0.95	-1.37	-1.52	-1.38	-0.38	-0.24	-0.20	-0.27				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
ALBANY___1	23571	21.81	19.73	18.56	17.96	17.90	18.81	24.20	26.85	25.14	24.45	23.50	24.43	26.17	29.17	31.77	36.35	40.43	48.43	50.89	44.72	35.18	30.40	25.50	24.68				
		0.30	0.27	0.26	0.28	0.28	0.09	0.31	0.50	0.49	0.46	0.37	0.31	0.36	0.23	0.25	0.25	0.83	1.18	1.28	1.21	0.55	0.42	0.33	0.36				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	-0.06	0.16	-0.04	-1.73	-0.47	-0.40	0.00	-0.03	0.00	0.00				
ALBANY___2	23572	21.81	19.73	18.56	17.96	17.90	18.81	24.20	26.85	25.14	24.45	23.50	24.43	26.17	29.17	31.77	36.35	40.43	48.43	50.89	44.72	35.18	30.40	25.50	24.68				
		0.30	0.27	0.26	0.28	0.28	0.09	0.31	0.50	0.49	0.46	0.37	0.31	0.36	0.23	0.25	0.25	0.83	1.18	1.28	1.21	0.55	0.42	0.33	0.36				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	-0.06	0.16	-0.04	-1.73	-0.47	-0.40	0.00	-0.03	0.00	0.00				
ALBANY___3	23573	21.81	19.73	18.56	17.96	17.90	18.81	24.20	26.85	25.14	24.45	23.50	24.43	26.17	29.17	31.77	36.35	40.43	48.43	50.89	44.72	35.18	30.40	25.50	24.68				
		0.30	0.27	0.26	0.28	0.28	0.09	0.31	0.50	0.49	0.46	0.37	0.31	0.36	0.23	0.25	0.25	0.83	1.18	1.28	1.21	0.55	0.42	0.33	0.36				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	-0.06	0.16	-0.04	-1.73	-0.47	-0.40	0.00	-0.03	0.00	0.00				

ALBANY___4 23574	21.81 0.30 0.00	19.73 0.27 0.00	18.56 0.26 0.00	17.96 0.28 0.00	17.90 0.28 0.00	18.81 0.09 0.00	24.20 0.31 0.00	26.85 0.50 0.00	25.14 0.49 0.00	24.45 0.46 0.00	23.50 0.37 0.00	24.43 0.31 0.00	26.17 0.36 0.06	29.17 0.23 0.00	31.77 0.25 -0.06	36.35 0.25 0.16	40.43 0.83 -0.04	48.43 1.18 -1.73	50.89 1.28 -0.47	44.72 1.21 -0.40	35.18 0.55 0.00	30.40 0.42 -0.03	25.50 0.33 0.00	24.68 0.36 0.00
ALBANY___LFGE 323615	22.00 0.50 0.00	19.90 0.45 0.00	18.73 0.42 0.00	18.10 0.42 0.00	18.04 0.42 0.00	19.00 0.28 0.00	24.44 0.55 0.00	27.14 0.79 0.00	25.38 0.74 0.00	24.72 0.72 0.00	23.76 0.62 0.00	24.70 0.58 0.00	26.45 0.65 0.07	29.52 0.58 0.00	32.15 0.63 -0.06	36.77 0.69 0.18	40.78 1.19 -0.04	49.06 1.82 -1.73	51.58 1.97 -0.47	45.28 1.77 -0.40	35.66 1.04 0.00	30.78 0.81 -0.03	25.81 0.63 0.00	24.93 0.61 0.00
ALCOA_PA_115KV_PL-6C 55860	21.21 -0.30 0.00	19.24 -0.21 0.00	18.10 -0.20 0.00	17.47 -0.21 0.00	17.44 -0.18 0.00	18.55 -0.17 0.00	23.60 -0.29 0.00	26.06 -0.29 0.00	24.37 -0.27 0.00	23.73 -0.26 0.00	22.90 -0.23 0.00	23.90 -0.22 0.00	25.66 -0.21 0.00	28.77 -0.17 0.00	31.24 -0.22 0.00	36.04 -0.22 0.00	38.49 -1.07 0.00	43.83 -1.68 0.00	47.32 -1.82 0.00	41.43 -1.68 0.00	34.31 -0.31 0.00	29.74 -0.21 0.00	25.05 -0.13 0.00	24.10 -0.22 0.00
ALCOA_RYNLDS___DRP 24188	21.21 -0.30 0.00	19.24 -0.21 0.00	18.10 -0.20 0.00	17.47 -0.21 0.00	17.44 -0.18 0.00	18.55 -0.17 0.00	23.60 -0.29 0.00	26.06 -0.29 0.00	24.37 -0.27 0.00	23.73 -0.26 0.00	22.90 -0.23 0.00	23.90 -0.22 0.00	25.66 -0.21 0.00	28.77 -0.17 0.00	31.24 -0.22 0.00	36.04 -0.22 0.00	38.49 -1.07 0.00	43.83 -1.68 0.00	47.32 -1.82 0.00	41.43 -1.68 0.00	34.31 -0.31 0.00	29.74 -0.21 0.00	25.05 -0.13 0.00	24.10 -0.22 0.00
ALCOA___DSASP 323711	21.21 -0.30 0.00	19.24 -0.21 0.00	18.10 -0.20 0.00	17.47 -0.21 0.00	17.44 -0.18 0.00	18.55 -0.17 0.00	23.60 -0.29 0.00	26.06 -0.29 0.00	24.37 -0.27 0.00	23.73 -0.26 0.00	22.90 -0.23 0.00	23.90 -0.22 0.00	25.66 -0.21 0.00	28.77 -0.17 0.00	31.24 -0.22 0.00	36.11 -0.14 0.00	38.92 -0.63 0.00	43.83 -1.68 0.00	47.32 -1.82 0.00	41.43 -1.68 0.00	34.31 -0.31 0.00	29.74 -0.21 0.00	25.05 -0.13 0.00	24.12 -0.20 0.00
ALLEGHENY___COGEN 23514	23.21 1.70 0.00	20.90 1.44 0.00	19.61 1.30 0.00	18.88 1.20 0.00	18.78 1.16 0.00	20.12 1.40 0.00	25.73 1.84 0.00	28.22 1.87 0.00	26.17 1.53 0.00	25.41 1.42 0.00	24.47 1.34 0.00	25.56 1.45 0.00	27.45 1.58 0.00	30.27 1.33 0.00	33.16 1.70 0.00	38.65 2.39 0.00	42.64 3.09 0.00	49.24 3.73 0.00	53.61 4.47 0.00	46.99 3.88 0.00	37.04 2.42 0.00	31.75 1.80 0.00	27.14 1.97 0.00	26.53 2.21 0.00
ALTAMONT_115KV_TB 2 55880	22.02 0.52 0.00	19.90 0.45 0.00	18.74 0.44 0.00	18.12 0.44 0.00	18.06 0.44 0.00	19.09 0.37 0.00	24.58 0.69 0.00	27.24 0.90 0.00	25.51 0.86 0.00	24.79 0.79 0.00	23.85 0.72 0.00	24.79 0.68 0.00	26.55 0.72 0.05	29.60 0.67 0.00	32.25 0.72 -0.07	36.94 0.80 0.11	40.98 1.38 -0.04	48.93 1.73 -1.69	51.46 1.87 -0.46	45.23 1.72 -0.39	35.66 1.04 0.00	30.81 0.84 -0.02	25.88 0.70 0.00	25.05 0.73 0.00
ALTONA_WT_PWR 323606	20.75 -0.75 0.00	18.81 -0.64 0.00	17.68 -0.62 0.00	17.04 -0.64 0.00	17.07 -0.55 0.00	18.25 -0.47 0.00	23.39 -0.50 0.00	26.09 -0.26 0.00	24.52 -0.12 0.00	24.07 0.07 0.00	23.36 0.23 0.00	24.46 0.34 0.00	26.31 0.44 0.00	29.52 0.58 0.00	32.06 0.60 0.00	37.12 0.87 0.00	40.15 0.59 0.00	45.83 0.32 0.00	49.19 0.05 0.00	42.94 -0.17 0.00	35.14 0.52 0.00	30.28 0.33 0.00	25.56 0.38 0.00	24.61 0.29 0.00
AMERICAN_REF_FUEL 24010	21.96 0.45 0.00	19.90 0.45 0.00	18.74 0.44 0.00	17.98 0.30 0.00	17.80 0.18 0.00	18.92 0.21 0.00	23.96 0.07 0.00	25.79 -0.55 0.00	24.05 -0.59 0.00	23.61 -0.38 0.00	22.86 -0.28 0.00	23.97 -0.14 0.00	25.69 -0.18 0.00	29.08 0.15 0.00	31.84 0.38 0.00	36.83 0.58 0.00	40.42 0.87 0.00	46.01 0.50 0.01	49.72 0.59 0.01	43.66 0.56 0.01	34.34 -0.28 0.00	29.65 -0.30 0.00	24.90 -0.28 0.00	24.90 0.58 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	23.10 1.59 0.00	20.84 1.38 0.00	19.59 1.28 0.00	18.77 1.10 0.00	18.57 0.95 0.00	19.84 1.12 0.00	25.32 1.43 0.00	27.56 1.21 0.00	25.76 1.11 0.00	25.32 1.32 0.00	24.54 1.41 0.00	25.73 1.62 0.00	27.55 1.68 0.00	31.20 2.26 0.00	34.23 2.77 0.00	39.52 3.26 0.00	43.43 3.88 0.00	49.61 4.10 0.00	53.61 4.47 0.00	47.04 3.92 0.00	36.77 2.15 0.00	31.66 1.71 0.00	26.51 1.33 0.00	26.29 1.97 0.00
ARTHUR_KILL_GT_1 23520	22.87 1.36 -0.01	20.55 1.09 -0.01	19.32 1.01 -0.01	18.59 0.90 -0.01	18.54 0.92 -0.01	19.71 0.99 0.00	25.57 1.67 -0.01	28.29 1.95 0.01	26.73 2.09 0.01	25.98 1.99 0.01	24.95 1.83 0.01	26.01 1.90 0.01	27.92 1.99 -0.06	30.95 2.20 0.18	31.78 2.42 2.11	36.95 2.65 1.95	41.61 3.05 0.99	47.14 4.18 2.55	42.30 4.17 11.01	37.32 3.62 9.42	36.90 2.28 0.01	31.49 2.16 0.61	27.00 1.81 -0.01	26.08 1.75 -0.01
ARTHUR_KILL_2 23512	22.81 1.29 -0.01	20.49 1.03 -0.01	19.28 0.97 -0.01	18.55 0.87 -0.01	18.51 0.88 -0.01	19.67 0.95 0.00	25.52 1.63 -0.01	28.21 1.87 0.01	26.68 2.04 0.01	25.91 1.92 0.01	24.91 1.78 0.01	25.94 1.83 0.01	27.87 1.94 -0.06	30.87 2.11 0.18	31.68 2.33 2.11	36.81 2.50 1.95	41.49 2.93 0.99	46.96 4.01 2.55	42.10 3.98 11.01	37.15 3.45 9.42	36.79 2.18 0.01	31.40 2.06 0.61	26.95 1.76 -0.01	26.03 1.70 -0.01
ARTHUR_KILL_3 23513	22.50 0.99 0.00	20.20 0.74 0.00	18.98 0.68 0.00	18.28 0.60 0.00	18.22 0.60 0.00	19.49 0.77 0.00	25.40 1.51 0.00	28.17 1.82 0.00	26.64 2.00 0.00	25.89 1.90 0.00	24.89 1.76 0.00	25.90 1.78 0.00	27.75 1.81 -0.07	30.59 1.82 0.18	31.31 1.95 2.10	36.31 1.99 1.94	41.22 2.65 0.98	46.70 3.73 2.55	41.82 3.69 11.01	36.98 3.27 9.41	36.49 1.87 0.00	31.02 1.68 0.61	26.84 1.66 0.00	25.75 1.43 0.00
ARTHUR_KILL_COGEN 323718	22.87 1.36 -0.01	20.55 1.09 -0.01	19.32 1.01 -0.01	18.59 0.90 -0.01	18.54 0.92 -0.01	19.71 0.99 0.00	25.57 1.67 -0.01	28.29 1.95 0.01	26.73 2.09 0.01	25.98 1.99 0.01	24.95 1.83 0.01	26.01 1.90 0.01	27.92 1.99 -0.06	30.95 2.20 0.18	31.78 2.42 2.11	36.95 2.65 1.95	41.61 3.05 0.99	47.14 4.18 2.55	42.30 4.17 11.01	37.32 3.62 9.42	36.90 2.28 0.01	31.49 2.16 0.61	27.00 1.81 -0.01	26.08 1.75 -0.01
ASHOKAN____ 23654	22.41 0.90 0.00	20.25 0.80 0.00	19.04 0.73 0.00	18.37 0.69 0.00	18.15 0.53 0.00	19.04 0.32 0.00	24.51 0.62 0.00	26.98 0.63 0.00	25.04 0.39 0.00	24.17 0.17 0.00	23.27 0.14 0.00	24.14 0.02 0.00	26.69 0.83 0.01	28.97 0.03 0.00	32.68 1.16 -0.05	36.56 0.33 0.02	40.53 0.95 -0.03	50.20 2.73 -1.96	52.58 3.15 -0.29	46.08 2.72 -0.25	35.14 0.52 0.00	31.13 1.17 -0.02	25.93 0.75 0.00	25.22 0.90 0.00

ASTORIA_EAST_ENERGY_CC1 323581	22.50 0.99 -0.01	20.20 0.74 -0.01	19.01 0.70 -0.01	18.30 0.62 -0.01	18.26 0.63 -0.01	19.46 0.75 0.01	25.39 1.51 0.01	28.26 1.92 0.01	26.71 2.07 0.01	25.96 1.97 0.01	24.95 1.83 0.01	25.94 1.83 0.01	27.84 1.91 -0.06	30.96 2.03 0.01	33.87 2.14 -0.27	38.74 2.25 -0.23	42.35 2.69 -0.10	53.14 3.68 -3.94	54.00 3.64 -1.23	47.31 3.15 -1.05	36.55 1.94 0.01	31.84 1.83 -0.06	26.90 1.71 -0.01	25.79 1.46 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	22.50 0.99 -0.01	20.20 0.74 -0.01	18.99 0.68 -0.01	18.30 0.62 -0.01	18.26 0.63 -0.01	19.44 0.73 0.01	25.36 1.48 0.01	28.26 1.92 0.01	26.71 2.07 0.01	25.96 1.97 0.01	24.95 1.83 0.01	25.92 1.81 0.01	27.82 1.89 -0.06	30.93 2.00 0.01	33.87 2.14 -0.27	38.70 2.21 -0.23	42.35 2.69 -0.10	53.14 3.68 -3.94	53.95 3.59 -1.23	47.27 3.11 -1.05	36.55 1.94 0.01	31.81 1.80 -0.06	26.87 1.69 -0.01	25.79 1.46 -0.01
ASTORIA_GT2_1 24094	22.50 0.99 0.00	20.20 0.74 0.00	19.00 0.70 0.00	18.30 0.62 0.00	18.25 0.63 0.00	19.48 0.77 0.00	25.38 1.51 0.02	28.26 1.92 0.02	26.71 2.07 0.01	25.96 1.97 0.01	24.95 1.83 0.01	25.94 1.83 0.01	27.84 1.91 -0.06	30.96 2.03 0.01	33.83 2.11 -0.26	38.78 2.28 -0.24	42.59 2.93 -0.11	53.10 3.64 -3.95	54.01 3.64 -1.24	47.23 3.06 -1.06	36.56 1.94 0.00	31.83 1.83 -0.05	26.89 1.71 0.00	25.78 1.46 0.00
ASTORIA_GT2_2 24095	22.50 0.99 0.00	20.20 0.74 0.00	19.00 0.70 0.00	18.30 0.62 0.00	18.25 0.63 0.00	19.48 0.77 0.00	25.38 1.51 0.02	28.26 1.92 0.02	26.71 2.07 0.01	25.96 1.97 0.01	24.95 1.83 0.01	25.94 1.83 0.01	27.84 1.91 -0.06	30.96 2.03 0.01	33.83 2.11 -0.26	38.78 2.28 -0.24	42.59 2.93 -0.11	53.10 3.64 -3.95	54.01 3.64 -1.24	47.23 3.06 -1.06	36.56 1.94 0.00	31.83 1.83 -0.05	26.89 1.71 0.00	25.78 1.46 0.00
ASTORIA_GT2_3 24096	22.50 0.99 0.00	20.20 0.74 0.00	19.00 0.70 0.00	18.30 0.62 0.00	18.25 0.63 0.00	19.48 0.77 0.00	25.38 1.51 0.02	28.26 1.92 0.02	26.71 2.07 0.01	25.96 1.97 0.01	24.95 1.83 0.01	25.94 1.83 0.01	27.84 1.91 -0.06	30.96 2.03 0.01	33.83 2.11 -0.26	38.78 2.28 -0.24	42.59 2.93 -0.11	53.10 3.64 -3.95	54.01 3.64 -1.24	47.23 3.06 -1.06	36.56 1.94 0.00	31.83 1.83 -0.05	26.89 1.71 0.00	25.78 1.46 0.00
ASTORIA_GT2_4 24097	22.50 0.99 0.00	20.20 0.74 0.00	19.00 0.70 0.00	18.30 0.62 0.00	18.25 0.63 0.00	19.48 0.77 0.00	25.38 1.51 0.02	28.26 1.92 0.02	26.71 2.07 0.01	25.96 1.97 0.01	24.95 1.83 0.01	25.94 1.83 0.01	27.84 1.91 -0.06	30.96 2.03 0.01	33.83 2.11 -0.26	38.78 2.28 -0.24	42.59 2.93 -0.11	53.10 3.64 -3.95	54.01 3.64 -1.24	47.23 3.06 -1.06	36.56 1.94 0.00	31.83 1.83 -0.05	26.89 1.71 0.00	25.78 1.46 0.00
ASTORIA_GT3_1 24098	22.50 0.99 0.00	20.20 0.74 0.00	19.00 0.70 0.00	18.30 0.62 0.00	18.25 0.63 0.00	19.48 0.77 0.00	25.38 1.51 0.02	28.26 1.92 0.02	26.71 2.07 0.01	25.96 1.97 0.01	24.95 1.83 0.01	25.94 1.83 0.01	27.84 1.91 -0.06	30.96 2.03 0.01	33.83 2.11 -0.26	38.78 2.28 -0.24	42.59 2.93 -0.11	53.10 3.64 -3.95	54.01 3.64 -1.24	47.23 3.06 -1.06	36.56 1.94 0.00	31.83 1.83 -0.05	26.89 1.71 0.00	25.78 1.46 0.00
ASTORIA_GT3_2 24099	22.50 0.99 0.00	20.20 0.74 0.00	19.00 0.70 0.00	18.30 0.62 0.00	18.25 0.63 0.00	19.48 0.77 0.00	25.38 1.51 0.02	28.26 1.92 0.02	26.71 2.07 0.01	25.96 1.97 0.01	24.95 1.83 0.01	25.94 1.83 0.01	27.84 1.91 -0.06	30.96 2.03 0.01	33.83 2.11 -0.26	38.78 2.28 -0.24	42.59 2.93 -0.11	53.10 3.64 -3.95	54.01 3.64 -1.24	47.23 3.06 -1.06	36.56 1.94 0.00	31.83 1.83 -0.05	26.89 1.71 0.00	25.78 1.46 0.00
ASTORIA_GT3_3 24100	22.50 0.99 0.00	20.20 0.74 0.00	19.00 0.70 0.00	18.30 0.62 0.00	18.25 0.63 0.00	19.48 0.77 0.00	25.38 1.51 0.02	28.26 1.92 0.02	26.71 2.07 0.01	25.96 1.97 0.01	24.95 1.83 0.01	25.94 1.83 0.01	27.84 1.91 -0.06	30.96 2.03 0.01	33.83 2.11 -0.26	38.78 2.28 -0.24	42.59 2.93 -0.11	53.10 3.64 -3.95	54.01 3.64 -1.24	47.23 3.06 -1.06	36.56 1.94 0.00	31.83 1.83 -0.05	26.89 1.71 0.00	25.78 1.46 0.00
ASTORIA_GT3_4 24101	22.50 0.99 0.00	20.20 0.74 0.00	19.00 0.70 0.00	18.30 0.62 0.00	18.25 0.63 0.00	19.48 0.77 0.00	25.38 1.51 0.02	28.26 1.92 0.02	26.71 2.07 0.01	25.96 1.97 0.01	24.95 1.83 0.01	25.94 1.83 0.01	27.84 1.91 -0.06	30.96 2.03 0.01	33.83 2.11 -0.26	38.78 2.28 -0.24	42.59 2.93 -0.11	53.10 3.64 -3.95	54.01 3.64 -1.24	47.23 3.06 -1.06	36.56 1.94 0.00	31.83 1.83 -0.05	26.89 1.71 0.00	25.78 1.46 0.00
ASTORIA_GT4_1 24102	22.50 0.99 0.00	20.20 0.74 0.00	19.00 0.70 0.00	18.30 0.62 0.00	18.25 0.63 0.00	19.48 0.77 0.00	25.38 1.51 0.02	28.26 1.92 0.02	26.71 2.07 0.01	25.96 1.97 0.01	24.95 1.83 0.01	25.94 1.83 0.01	27.84 1.91 -0.06	30.96 2.03 0.01	33.83 2.11 -0.26	38.78 2.28 -0.24	42.59 2.93 -0.11	53.10 3.64 -3.95	54.01 3.64 -1.24	47.23 3.06 -1.06	36.56 1.94 0.00	31.83 1.83 -0.05	26.89 1.71 0.00	25.78 1.46 0.00
ASTORIA_GT4_2 24103	22.50 0.99 0.00	20.20 0.74 0.00	19.00 0.70 0.00	18.30 0.62 0.00	18.25 0.63 0.00	19.48 0.77 0.00	25.38 1.51 0.02	28.26 1.92 0.02	26.71 2.07 0.01	25.96 1.97 0.01	24.95 1.83 0.01	25.94 1.83 0.01	27.84 1.91 -0.06	30.96 2.03 0.01	33.83 2.11 -0.26	38.78 2.28 -0.24	42.59 2.93 -0.11	53.10 3.64 -3.95	54.01 3.64 -1.24	47.23 3.06 -1.06	36.56 1.94 0.00	31.83 1.83 -0.05	26.89 1.71 0.00	25.78 1.46 0.00
ASTORIA_GT4_3 24104	22.50 0.99 0.00	20.20 0.74 0.00	19.00 0.70 0.00	18.30 0.62 0.00	18.25 0.63 0.00	19.48 0.77 0.00	25.38 1.51 0.02	28.26 1.92 0.02	26.71 2.07 0.01	25.96 1.97 0.01	24.95 1.83 0.01	25.94 1.83 0.01	27.84 1.91 -0.06	30.96 2.03 0.01	33.83 2.11 -0.26	38.78 2.28 -0.24	42.59 2.93 -0.11	53.10 3.64 -3.95	54.01 3.64 -1.24	47.23 3.06 -1.06	36.56 1.94 0.00	31.83 1.83 -0.05	26.89 1.71 0.00	25.78 1.46 0.00
ASTORIA_GT4_4 24105	22.50 0.99 0.00	20.20 0.74 0.00	19.00 0.70 0.00	18.30 0.62 0.00	18.25 0.63 0.00	19.48 0.77 0.00	25.38 1.51 0.02	28.26 1.92 0.02	26.71 2.07 0.01	25.96 1.97 0.01	24.95 1.83 0.01	25.94 1.83 0.01	27.84 1.91 -0.06	30.96 2.03 0.01	33.83 2.11 -0.26	38.78 2.28 -0.24	42.59 2.93 -0.11	53.10 3.64 -3.95	54.01 3.64 -1.24	47.23 3.06 -1.06	36.56 1.94 0.00	31.83 1.83 -0.05	26.89 1.71 0.00	25.78 1.46 0.00
ASTORIA_GT_1 23523	22.55 1.03 -0.01	20.24 0.78 -0.01	19.03 0.71 -0.01	18.34 0.65 -0.01	18.30 0.67 -0.01	19.48 0.77 0.01	25.43 1.55 0.01	28.32 1.98 0.01	26.78 2.14 0.01	26.00 2.02 0.01	25.00 1.87 0.01	25.99 1.88 0.01	27.90 1.97 -0.06	31.02 2.08 0.01	33.93 2.20 -0.27	38.81 2.32 -0.23	42.42 2.77 -0.10	53.28 3.82 -3.94	54.15 3.78 -1.23	47.40 3.24 -1.05	36.62 2.01 0.01	31.90 1.89 -0.06	26.95 1.76 -0.01	25.84 1.51 -0.01

ASTORIA_GT_10 24110	22.71 1.20 0.00	20.37 0.91 0.00	19.17 0.86 0.00	18.46 0.78 0.00	18.41 0.79 0.00	19.65 0.94 0.00	25.59 1.70 0.00	28.43 2.08 0.00	29.74 2.17 -2.93	30.69 2.06 -4.63	28.42 1.92 -3.37	30.69 1.95 -4.62	31.64 2.04 -3.73	31.64 2.17 -0.53	34.00 2.27 -0.27	38.96 2.47 -0.24	42.87 3.20 -0.11	53.38 3.91 -3.95	54.36 3.98 -1.24	47.58 3.41 -1.06	36.80 2.18 0.00	32.05 2.04 -0.07	27.07 1.89 0.00	25.97 1.65 0.00
ASTORIA_GT_11 24225	22.71 1.20 0.00	20.37 0.91 0.00	19.17 0.86 0.00	18.46 0.78 0.00	18.41 0.79 0.00	19.65 0.94 0.00	25.59 1.70 0.00	28.43 2.08 0.00	29.74 2.17 -2.93	30.69 2.06 -4.63	28.42 1.92 -3.37	30.69 1.95 -4.62	31.64 2.04 -3.73	31.64 2.17 -0.53	34.00 2.27 -0.27	38.96 2.47 -0.24	42.87 3.20 -0.11	53.38 3.91 -3.95	54.36 3.98 -1.24	47.58 3.41 -1.06	36.80 2.18 0.00	32.05 2.04 -0.07	27.07 1.89 0.00	25.97 1.65 0.00
ASTORIA_GT_12 24226	22.71 1.20 0.00	20.37 0.91 0.00	19.17 0.86 0.00	18.46 0.78 0.00	18.41 0.79 0.00	19.65 0.94 0.00	25.59 1.70 0.00	28.43 2.08 0.00	29.74 2.17 -2.93	30.69 2.06 -4.63	28.42 1.92 -3.37	30.69 1.95 -4.62	31.64 2.04 -3.73	31.64 2.17 -0.53	34.00 2.27 -0.27	38.96 2.47 -0.24	42.87 3.20 -0.11	53.38 3.91 -3.95	54.36 3.98 -1.24	47.58 3.41 -1.06	36.80 2.18 0.00	32.05 2.04 -0.07	27.07 1.89 0.00	25.97 1.65 0.00
ASTORIA_GT_13 24227	22.71 1.20 0.00	20.37 0.91 0.00	19.17 0.86 0.00	18.46 0.78 0.00	18.41 0.79 0.00	19.65 0.94 0.00	25.59 1.70 0.00	28.43 2.08 0.00	29.74 2.17 -2.93	30.69 2.06 -4.63	28.42 1.92 -3.37	30.69 1.95 -4.62	31.64 2.04 -3.73	31.64 2.17 -0.53	34.00 2.27 -0.27	38.96 2.47 -0.24	42.87 3.20 -0.11	53.38 3.91 -3.95	54.36 3.98 -1.24	47.58 3.41 -1.06	36.80 2.18 0.00	32.05 2.04 -0.07	27.07 1.89 0.00	25.97 1.65 0.00
ASTORIA_GT_5 24106	22.55 1.03 -0.01	20.24 0.78 -0.01	19.03 0.71 -0.01	18.34 0.65 -0.01	18.30 0.67 -0.01	19.48 0.77 0.01	25.43 1.55 0.01	28.32 1.98 0.01	26.78 2.14 0.01	26.00 2.02 0.01	25.00 1.87 0.01	25.99 1.88 0.01	27.90 1.97 -0.06	31.02 2.08 0.01	33.93 2.20 -0.27	38.81 2.32 -0.23	42.42 2.77 -0.10	53.28 3.82 -3.94	54.15 3.78 -1.23	47.40 3.24 -1.05	36.62 2.01 0.01	31.90 1.89 -0.06	26.95 1.76 -0.01	25.84 1.51 -0.01
ASTORIA_GT_7 24107	22.55 1.03 -0.01	20.24 0.78 -0.01	19.03 0.71 -0.01	18.34 0.65 -0.01	18.30 0.67 -0.01	19.48 0.77 0.01	25.43 1.55 0.01	28.32 1.98 0.01	26.78 2.14 0.01	26.00 2.02 0.01	25.00 1.87 0.01	25.99 1.88 0.01	27.90 1.97 -0.06	31.02 2.08 0.01	33.93 2.20 -0.27	38.81 2.32 -0.23	42.42 2.77 -0.10	53.28 3.82 -3.94	54.15 3.78 -1.23	47.40 3.24 -1.05	36.62 2.01 0.01	31.90 1.89 -0.06	26.95 1.76 -0.01	25.84 1.51 -0.01
ASTORIA_GT_8 24108	22.54 1.03 0.00	20.21 0.76 0.00	19.02 0.71 0.00	18.33 0.65 0.00	18.29 0.67 0.00	19.50 0.79 0.00	25.43 1.55 0.02	28.31 1.98 0.02	26.78 2.14 0.01	26.00 2.02 0.01	25.00 1.87 0.01	25.99 1.88 0.01	27.90 1.97 -0.06	31.01 2.08 0.01	33.89 2.17 -0.26	38.85 2.36 -0.24	42.71 3.05 -0.11	53.24 3.78 -3.95	54.16 3.78 -1.24	47.36 3.19 -1.06	36.63 2.01 0.00	31.89 1.89 -0.05	26.94 1.76 0.00	25.80 1.48 0.00
ASTORIA___2 24149	22.50 0.99 -0.01	20.20 0.74 -0.01	19.01 0.70 -0.01	18.30 0.62 -0.01	18.26 0.63 -0.01	19.46 0.75 0.01	25.39 1.51 0.01	28.26 1.92 0.01	26.71 2.07 0.01	25.96 1.97 0.01	24.95 1.83 0.01	25.94 1.83 0.01	27.84 1.91 -0.06	30.96 2.03 0.01	33.87 2.14 -0.27	38.74 2.25 -0.23	42.35 2.69 -0.10	53.14 3.68 -3.94	54.00 3.64 -1.23	47.31 3.15 -1.05	36.55 1.94 0.01	31.84 1.83 -0.06	26.90 1.71 -0.01	25.79 1.46 -0.01
ASTORIA___3 23516	22.72 1.20 -0.01	20.40 0.93 -0.01	19.17 0.86 -0.01	18.46 0.78 -0.01	18.42 0.79 -0.01	19.63 0.92 0.00	25.59 1.70 -0.01	28.44 2.08 -0.01	29.74 2.17 -2.93	30.69 2.06 -4.63	28.42 1.92 -3.37	30.69 1.95 -4.62	31.64 2.04 -3.73	31.64 2.17 -0.53	34.04 2.30 -0.28	38.93 2.43 -0.24	42.55 2.89 -0.11	53.38 3.91 -3.95	54.26 3.88 -1.24	47.54 3.36 -1.06	36.80 2.18 0.00	32.06 2.04 -0.08	27.07 1.89 -0.01	25.98 1.65 -0.01
ASTORIA___4 23517	22.71 1.20 0.00	20.37 0.91 0.00	19.17 0.86 0.00	18.46 0.78 0.00	18.41 0.79 0.00	19.65 0.94 0.00	25.59 1.70 0.00	28.43 2.08 0.00	29.74 2.17 -2.93	30.69 2.06 -4.63	28.42 1.92 -3.37	30.69 1.95 -4.62	31.64 2.04 -3.73	31.64 2.17 -0.53	34.00 2.27 -0.27	38.96 2.47 -0.24	42.87 3.20 -0.11	53.38 3.91 -3.95	54.36 3.98 -1.24	47.58 3.41 -1.06	36.80 2.18 0.00	32.05 2.04 -0.07	27.07 1.89 0.00	25.97 1.65 0.00
ASTORIA___5 23518	22.72 1.20 -0.01	20.40 0.93 -0.01	19.17 0.86 -0.01	18.46 0.78 -0.01	18.42 0.79 -0.01	19.63 0.92 0.00	25.59 1.70 -0.01	28.44 2.08 -0.01	29.74 2.17 -2.93	30.69 2.06 -4.63	28.42 1.92 -3.37	30.69 1.95 -4.62	31.64 2.04 -3.73	31.64 2.17 -0.53	34.04 2.30 -0.28	38.93 2.43 -0.24	42.55 2.89 -0.11	53.38 3.91 -3.95	54.26 3.88 -1.24	47.54 3.36 -1.06	36.80 2.18 0.00	32.06 2.04 -0.08	27.07 1.89 -0.01	25.98 1.65 -0.01
AST_ENERGY_2_CC3 323677	22.58 1.07 0.00	20.27 0.82 0.00	19.06 0.75 0.00	18.35 0.67 0.00	18.29 0.67 0.00	19.54 0.82 0.00	25.44 1.55 0.00	28.25 1.90 0.00	26.67 2.02 0.00	25.92 1.92 0.00	24.94 1.81 0.00	25.95 1.83 0.00	27.85 1.91 -0.07	30.91 1.97 0.00	33.84 2.11 -0.27	38.71 2.21 -0.24	42.51 2.85 -0.11	53.38 3.91 -3.95	54.31 3.93 -1.24	47.62 3.45 -1.06	36.66 2.04 0.00	31.88 1.86 -0.07	26.91 1.74 0.00	25.83 1.51 0.00
AST_ENERGY_2_CC4 323678	22.58 1.07 0.00	20.27 0.82 0.00	19.06 0.75 0.00	18.35 0.67 0.00	18.29 0.67 0.00	19.54 0.82 0.00	25.44 1.55 0.00	28.25 1.90 0.00	26.67 2.02 0.00	25.92 1.92 0.00	24.94 1.81 0.00	25.95 1.83 0.00	27.85 1.91 -0.07	30.91 1.97 0.00	33.84 2.11 -0.27	38.71 2.21 -0.24	42.51 2.85 -0.11	53.38 3.91 -3.95	54.31 3.93 -1.24	47.62 3.45 -1.06	36.66 2.04 0.00	31.88 1.86 -0.07	26.91 1.74 0.00	25.83 1.51 0.00
ATHENS_STG_1 23668	22.09 0.58 0.00	19.94 0.49 0.00	18.78 0.48 0.00	18.16 0.48 0.00	18.10 0.48 0.00	19.17 0.45 0.00	24.73 0.84 0.00	27.40 1.06 0.00	25.70 1.06 0.00	24.98 0.98 0.00	24.03 0.90 0.00	24.96 0.84 0.00	26.79 0.91 -0.02	29.84 0.90 0.00	32.52 0.94 -0.12	37.27 0.94 -0.07	41.03 1.42 -0.05	49.55 2.00 -2.03	51.76 2.06 -0.56	45.44 1.85 -0.48	35.73 1.11 0.00	30.94 0.96 -0.03	26.06 0.88 0.00	25.17 0.85 0.00
ATHENS_STG_2 23670	22.09 0.58 0.00	19.94 0.49 0.00	18.78 0.48 0.00	18.16 0.48 0.00	18.10 0.48 0.00	19.17 0.45 0.00	24.73 0.84 0.00	27.40 1.06 0.00	25.70 1.06 0.00	24.98 0.98 0.00	24.03 0.90 0.00	24.96 0.84 0.00	26.79 0.91 -0.02	29.84 0.90 0.00	32.52 0.94 -0.12	37.27 0.94 -0.07	41.03 1.42 -0.05	49.55 2.00 -2.03	51.76 2.06 -0.56	45.44 1.85 -0.48	35.73 1.11 0.00	30.94 0.96 -0.03	26.06 0.88 0.00	25.17 0.85 0.00

ATHENS_STG_3 23677	22.09 0.58 0.00	19.94 0.49 0.00	18.78 0.48 0.00	18.16 0.48 0.00	18.10 0.48 0.00	19.17 0.45 0.00	24.73 0.84 0.00	27.40 1.06 0.00	25.70 1.06 0.00	24.98 0.98 0.00	24.03 0.90 0.00	24.96 0.84 0.00	26.79 0.91 -0.02	29.84 0.90 0.00	32.52 0.94 -0.12	37.27 0.94 -0.07	41.03 1.42 -0.05	49.55 2.00 -2.03	51.76 2.06 -0.56	45.44 1.85 -0.48	35.73 1.11 0.00	30.94 0.96 -0.03	26.06 0.88 0.00	25.17 0.85 0.00
AUBURN____LFGE 323710	21.94 0.43 0.00	19.83 0.37 0.00	18.62 0.31 0.00	17.96 0.28 0.00	17.90 0.28 0.00	19.09 0.37 0.00	25.06 1.17 0.00	27.77 1.42 0.00	25.85 1.21 0.00	24.31 0.31 0.00	23.48 0.35 0.00	24.55 0.43 0.00	26.36 0.49 0.00	29.60 0.67 0.00	32.16 0.69 0.00	37.05 0.80 0.00	40.70 1.15 0.00	47.01 1.50 0.00	51.01 1.87 0.00	44.71 1.60 0.00	35.59 0.97 0.00	30.58 0.63 0.00	25.68 0.50 0.00	24.83 0.51 0.00
BABYLON_RES_REC 323704	23.03 1.53 0.00	20.56 1.11 0.00	19.31 1.01 0.00	18.44 0.76 0.00	18.57 0.95 0.00	19.97 1.25 0.00	26.18 2.29 0.00	29.31 2.95 -0.01	27.58 2.93 -0.01	26.59 2.59 0.00	25.73 2.59 -0.01	29.11 2.58 -2.41	30.72 2.69 -2.16	31.94 2.98 -0.02	34.57 2.83 -0.27	39.14 2.65 -0.24	49.92 3.60 -6.76	60.91 5.14 -10.25	61.00 5.06 -6.80	53.82 4.70 -6.01	46.96 3.29 -9.05	37.81 2.85 -5.01	31.46 2.67 -3.61	27.94 2.48 -1.14
BABYLON__69_KV_BK2 356345	23.34 1.83 0.00	20.80 1.34 0.00	19.53 1.23 0.00	18.65 0.97 0.00	18.80 1.18 0.00	20.21 1.50 0.00	26.54 2.65 0.00	29.70 3.35 -0.01	27.95 3.30 -0.01	26.95 2.95 0.00	26.07 2.94 0.00	29.47 2.94 -2.41	31.10 3.08 -2.16	32.37 3.41 -0.02	35.36 3.62 -0.27	40.78 4.28 -0.24	51.50 5.18 -6.76	62.05 6.28 -10.25	62.62 6.68 -6.80	54.95 5.82 -6.01	47.59 3.91 -9.05	38.56 3.59 -5.01	31.97 3.17 -3.62	28.40 2.94 -1.14
BALL_HILL_WT_PWR 323825	22.78 1.27 0.00	20.62 1.17 0.00	19.31 1.01 0.00	18.54 0.87 0.00	18.34 0.72 0.00	19.58 0.86 0.00	24.94 1.05 0.00	27.09 0.74 0.00	25.29 0.64 0.00	24.81 0.82 0.00	24.04 0.90 0.00	25.20 1.09 0.00	27.01 1.14 0.00	30.56 1.62 0.00	33.54 2.08 0.00	38.68 2.43 0.00	42.36 2.81 0.00	48.56 3.05 0.00	52.29 3.14 0.00	46.00 2.89 0.00	36.11 1.49 0.00	31.12 1.17 0.00	26.08 0.91 0.00	25.88 1.56 0.00
BARON_WINDS____WT_PWR 323822	22.50 0.99 0.00	20.33 0.88 0.00	19.11 0.80 0.00	18.39 0.71 0.00	18.25 0.63 0.00	19.47 0.75 0.00	24.94 1.05 0.00	27.25 0.90 0.00	25.46 0.81 0.00	24.84 0.84 0.00	24.03 0.90 0.00	25.13 1.01 0.00	26.91 1.04 0.00	30.33 1.39 0.00	33.13 1.67 0.00	38.25 1.99 0.00	42.09 2.53 0.00	48.34 2.82 0.00	52.29 3.15 0.00	45.88 2.76 0.00	36.11 1.49 0.00	31.09 1.14 0.00	26.13 0.96 0.00	25.63 1.31 0.00
BARRETT_IC_1 23704	22.71 1.20 0.00	20.31 0.86 0.00	19.07 0.77 0.00	18.26 0.58 0.00	18.34 0.72 0.00	19.67 0.95 0.00	25.68 1.79 0.00	28.59 2.24 0.00	26.86 2.22 0.00	25.94 1.94 0.00	25.13 1.99 -0.01	28.48 1.95 -2.41	30.10 2.07 -2.16	31.21 2.26 -0.02	33.88 2.14 -0.27	38.49 1.99 -0.24	49.20 2.89 -6.76	59.81 4.05 -10.25	59.87 3.93 -6.80	52.83 3.71 -6.01	46.13 2.46 -9.05	37.12 2.16 -5.01	30.91 2.12 -3.61	27.38 1.92 -1.14
BARRETT_IC_10 23701	22.71 1.20 0.00	20.31 0.86 0.00	19.07 0.77 0.00	18.26 0.58 0.00	18.34 0.72 0.00	19.67 0.95 0.00	25.68 1.79 0.00	28.59 2.24 0.00	26.86 2.22 0.00	25.94 1.94 0.00	25.13 1.99 -0.01	28.48 1.95 -2.41	30.10 2.07 -2.16	31.21 2.26 -0.02	33.88 2.14 -0.27	38.49 1.99 -0.24	49.20 2.89 -6.76	59.81 4.05 -10.25	59.87 3.93 -6.80	52.83 3.71 -6.01	46.13 2.46 -9.05	37.12 2.16 -5.01	30.91 2.12 -3.61	27.38 1.92 -1.14
BARRETT_IC_11 23702	22.71 1.20 0.00	20.31 0.86 0.00	19.07 0.77 0.00	18.26 0.58 0.00	18.34 0.72 0.00	19.67 0.95 0.00	25.68 1.79 0.00	28.59 2.24 0.00	26.86 2.22 0.00	25.94 1.94 0.00	25.13 1.99 -0.01	28.48 1.95 -2.41	30.10 2.07 -2.16	31.21 2.26 -0.02	33.88 2.14 -0.27	38.49 1.99 -0.24	49.20 2.89 -6.76	59.81 4.05 -10.25	59.87 3.93 -6.80	52.83 3.71 -6.01	46.13 2.46 -9.05	37.12 2.16 -5.01	30.91 2.12 -3.61	27.38 1.92 -1.14
BARRETT_IC_12 23703	22.71 1.20 0.00	20.31 0.86 0.00	19.07 0.77 0.00	18.26 0.58 0.00	18.34 0.72 0.00	19.67 0.95 0.00	25.68 1.79 0.00	28.59 2.24 0.00	26.86 2.22 0.00	25.94 1.94 0.00	25.13 1.99 -0.01	28.48 1.95 -2.41	30.10 2.07 -2.16	31.21 2.26 -0.02	33.88 2.14 -0.27	38.49 1.99 -0.24	49.20 2.89 -6.76	59.81 4.05 -10.25	59.87 3.93 -6.80	52.83 3.71 -6.01	46.13 2.46 -9.05	37.12 2.16 -5.01	30.91 2.12 -3.61	27.38 1.92 -1.14
BARRETT_IC_2 23705	22.71 1.20 0.00	20.31 0.86 0.00	19.07 0.77 0.00	18.26 0.58 0.00	18.34 0.72 0.00	19.67 0.95 0.00	25.68 1.79 0.00	28.59 2.24 0.00	26.86 2.22 0.00	25.94 1.94 0.00	25.13 1.99 -0.01	28.48 1.95 -2.41	30.10 2.07 -2.16	31.21 2.26 -0.02	33.88 2.14 -0.27	38.49 1.99 -0.24	49.20 2.89 -6.76	59.81 4.05 -10.25	59.87 3.93 -6.80	52.83 3.71 -6.01	46.13 2.46 -9.05	37.12 2.16 -5.01	30.91 2.12 -3.61	27.38 1.92 -1.14
BARRETT_IC_3 23706	22.71 1.20 0.00	20.31 0.86 0.00	19.07 0.77 0.00	18.26 0.58 0.00	18.34 0.72 0.00	19.67 0.95 0.00	25.68 1.79 0.00	28.59 2.24 0.00	26.86 2.22 0.00	25.94 1.94 0.00	25.13 1.99 -0.01	28.48 1.95 -2.41	30.10 2.07 -2.16	31.21 2.26 -0.02	33.88 2.14 -0.27	38.49 1.99 -0.24	49.20 2.89 -6.76	59.81 4.05 -10.25	59.87 3.93 -6.80	52.83 3.71 -6.01	46.13 2.46 -9.05	37.12 2.16 -5.01	30.91 2.12 -3.61	27.38 1.92 -1.14
BARRETT_IC_4 23707	22.71 1.20 0.00	20.31 0.86 0.00	19.07 0.77 0.00	18.26 0.58 0.00	18.34 0.72 0.00	19.67 0.95 0.00	25.68 1.79 0.00	28.59 2.24 0.00	26.86 2.22 0.00	25.94 1.94 0.00	25.13 1.99 -0.01	28.48 1.95 -2.41	30.10 2.07 -2.16	31.21 2.26 -0.02	33.88 2.14 -0.27	38.49 1.99 -0.24	49.20 2.89 -6.76	59.81 4.05 -10.25	59.87 3.93 -6.80	52.83 3.71 -6.01	46.13 2.46 -9.05	37.12 2.16 -5.01	30.91 2.12 -3.61	27.38 1.92 -1.14
BARRETT_IC_5 23708	22.71 1.20 0.00	20.31 0.86 0.00	19.07 0.77 0.00	18.26 0.58 0.00	18.34 0.72 0.00	19.67 0.95 0.00	25.68 1.79 0.00	28.59 2.24 0.00	26.86 2.22 0.00	25.94 1.94 0.00	25.13 1.99 -0.01	28.48 1.95 -2.41	30.10 2.07 -2.16	31.21 2.26 -0.02	33.88 2.14 -0.27	38.49 1.99 -0.24	49.20 2.89 -6.76	59.81 4.05 -10.25	59.87 3.93 -6.80	52.83 3.71 -6.01	46.13 2.46 -9.05	37.12 2.16 -5.01	30.91 2.12 -3.61	27.38 1.92 -1.14
BARRETT_IC_6 23709	22.71 1.20 0.00	20.31 0.86 0.00	19.07 0.77 0.00	18.26 0.58 0.00	18.34 0.72 0.00	19.67 0.95 0.00	25.68 1.79 0.00	28.59 2.24 0.00	26.86 2.22 0.00	25.94 1.94 0.00	25.13 1.99 -0.01	28.48 1.95 -2.41	30.10 2.07 -2.16	31.21 2.26 -0.02	33.88 2.14 -0.27	38.49 1.99 -0.24	49.20 2.89 -6.76	59.81 4.05 -10.25	59.87 3.93 -6.80	52.83 3.71 -6.01	46.13 2.46 -9.05	37.12 2.16 -5.01	30.91 2.12 -3.61	27.38 1.92 -1.14

BARRETT_IC_7 23710	22.71 1.20 0.00	20.29 0.84 0.00	19.07 0.77 0.00	18.26 0.58 0.00	18.34 0.72 0.00	19.67 0.95 0.00	25.68 1.79 0.00	28.59 2.24 0.00	26.86 2.22 0.00	25.94 1.94 0.00	25.12 1.99 0.00	28.48 1.95 -2.41	30.10 2.07 -2.16	31.21 2.26 -0.02	34.06 2.33 -0.27	39.22 2.72 -0.24	49.80 3.48 -6.76	59.81 4.05 -10.25	60.16 4.23 -6.80	52.87 3.75 -6.01	46.10 2.42 -9.05	37.15 2.19 -5.01	30.91 2.11 -3.61	27.38 1.92 -1.14
BARRETT_IC_8 23711	22.71 1.20 0.00	20.31 0.86 0.00	19.07 0.77 0.00	18.26 0.58 0.00	18.34 0.72 0.00	19.67 0.95 0.00	25.68 1.79 0.00	28.59 2.24 0.00	26.86 2.22 0.00	25.94 1.94 0.00	25.13 1.99 -0.01	28.48 1.95 -2.41	30.10 2.07 -2.16	31.21 2.26 -0.02	33.88 2.14 -0.27	38.49 1.99 -0.24	49.20 2.89 -6.76	59.81 4.05 -10.25	59.87 3.93 -6.80	52.83 3.71 -6.01	46.13 2.46 -9.05	37.12 2.16 -5.01	30.91 2.12 -3.61	27.38 1.92 -1.14
BARRETT_IC_9 23700	22.71 1.20 0.00	20.31 0.86 0.00	19.07 0.77 0.00	18.26 0.58 0.00	18.34 0.72 0.00	19.67 0.95 0.00	25.68 1.79 0.00	28.59 2.24 0.00	26.86 2.22 0.00	25.94 1.94 0.00	25.13 1.99 -0.01	28.48 1.95 -2.41	30.10 2.07 -2.16	31.21 2.26 -0.02	33.88 2.14 -0.27	38.49 1.99 -0.24	49.20 2.89 -6.76	59.81 4.05 -10.25	59.87 3.93 -6.80	52.83 3.71 -6.01	46.13 2.46 -9.05	37.12 2.16 -5.01	30.91 2.12 -3.61	27.38 1.92 -1.14
BARRETT___1 23545	22.71 1.20 0.00	20.31 0.86 0.00	19.07 0.77 0.00	18.26 0.58 0.00	18.34 0.72 0.00	19.67 0.95 0.00	25.68 1.79 0.00	28.59 2.24 0.00	26.86 2.22 0.00	25.94 1.94 0.00	25.13 1.99 -0.01	28.48 1.95 -2.41	30.10 2.07 -2.16	31.21 2.26 -0.02	33.88 2.14 -0.27	38.49 1.99 -0.24	49.20 2.89 -6.76	59.81 4.05 -10.25	59.87 3.93 -6.80	52.83 3.71 -6.01	46.13 2.46 -9.05	37.12 2.16 -5.01	30.91 2.12 -3.61	27.38 1.92 -1.14
BARRETT___2 23546	22.71 1.20 0.00	20.31 0.86 0.00	19.07 0.77 0.00	18.26 0.58 0.00	18.34 0.72 0.00	19.67 0.95 0.00	25.68 1.79 0.00	28.59 2.24 0.00	26.86 2.22 0.00	25.94 1.94 0.00	25.13 1.99 -0.01	28.48 1.95 -2.41	30.10 2.07 -2.16	31.21 2.26 -0.02	33.88 2.14 -0.27	38.49 1.99 -0.24	49.20 2.89 -6.76	59.81 4.05 -10.25	59.87 3.93 -6.80	52.83 3.71 -6.01	46.13 2.46 -9.05	37.12 2.16 -5.01	30.91 2.12 -3.61	27.38 1.92 -1.14
BATAVIA___115KV_TB1 55881	22.71 1.20 0.00	20.56 1.11 0.00	19.24 0.93 0.00	18.49 0.81 0.00	18.34 0.72 0.00	19.56 0.84 0.00	24.85 0.96 0.00	26.82 0.47 0.00	24.99 0.35 0.00	24.50 0.50 0.00	23.69 0.56 0.00	24.79 0.68 0.00	26.62 0.75 0.00	30.13 1.19 0.00	33.04 1.57 0.00	38.29 2.03 0.00	41.85 2.29 0.00	48.10 2.59 0.00	51.89 2.75 0.00	45.61 2.50 0.00	35.94 1.32 0.00	30.91 0.96 0.00	25.86 0.68 0.00	25.73 1.41 0.00
BAYONEEC___CTG1 323682	22.58 1.07 0.00	20.27 0.82 0.00	19.06 0.75 0.00	18.35 0.67 0.00	18.29 0.67 0.00	19.54 0.82 0.00	25.47 1.58 0.00	28.27 1.92 0.00	26.72 2.07 0.00	25.96 1.97 0.00	24.96 1.83 0.00	25.98 1.86 0.00	27.85 1.91 -0.07	30.76 2.00 0.18	31.47 2.11 2.10	36.53 2.21 1.94	41.42 2.85 0.98	46.88 3.91 2.55	42.07 3.93 11.01	37.16 3.45 9.41	36.66 2.04 0.00	31.17 1.83 0.61	26.94 1.76 0.00	25.85 1.53 0.00
BAYONEEC___CTG10 323750	22.58 1.07 0.00	20.27 0.82 0.00	19.06 0.75 0.00	18.35 0.67 0.00	18.29 0.67 0.00	19.54 0.82 0.00	25.47 1.58 0.00	28.27 1.92 0.00	26.72 2.07 0.00	25.96 1.97 0.00	24.96 1.83 0.00	25.98 1.86 0.00	27.85 1.91 -0.07	30.76 2.00 0.18	31.47 2.11 2.10	36.53 2.21 1.94	41.42 2.85 0.98	46.88 3.91 2.55	42.07 3.93 11.01	37.16 3.45 9.41	36.66 2.04 0.00	31.17 1.83 0.61	26.94 1.76 0.00	25.85 1.53 0.00
BAYONEEC___CTG2 323683	22.58 1.07 0.00	20.27 0.82 0.00	19.06 0.75 0.00	18.35 0.67 0.00	18.29 0.67 0.00	19.54 0.82 0.00	25.47 1.58 0.00	28.27 1.92 0.00	26.72 2.07 0.00	25.96 1.97 0.00	24.96 1.83 0.00	25.98 1.86 0.00	27.85 1.91 -0.07	30.76 2.00 0.18	31.47 2.11 2.10	36.53 2.21 1.94	41.42 2.85 0.98	46.88 3.91 2.55	42.07 3.93 11.01	37.16 3.45 9.41	36.66 2.04 0.00	31.17 1.83 0.61	26.94 1.76 0.00	25.85 1.53 0.00
BAYONEEC___CTG3 323684	22.58 1.07 0.00	20.27 0.82 0.00	19.06 0.75 0.00	18.35 0.67 0.00	18.29 0.67 0.00	19.54 0.82 0.00	25.47 1.58 0.00	28.27 1.92 0.00	26.72 2.07 0.00	25.96 1.97 0.00	24.96 1.83 0.00	25.98 1.86 0.00	27.85 1.91 -0.07	30.76 2.00 0.18	31.47 2.11 2.10	36.53 2.21 1.94	41.42 2.85 0.98	46.88 3.91 2.55	42.07 3.93 11.01	37.16 3.45 9.41	36.66 2.04 0.00	31.17 1.83 0.61	26.94 1.76 0.00	25.85 1.53 0.00
BAYONEEC___CTG4 323685	22.58 1.07 0.00	20.27 0.82 0.00	19.06 0.75 0.00	18.35 0.67 0.00	18.29 0.67 0.00	19.54 0.82 0.00	25.47 1.58 0.00	28.27 1.92 0.00	26.72 2.07 0.00	25.96 1.97 0.00	24.96 1.83 0.00	25.98 1.86 0.00	27.85 1.91 -0.07	30.76 2.00 0.18	31.47 2.11 2.10	36.53 2.21 1.94	41.42 2.85 0.98	46.88 3.91 2.55	42.07 3.93 11.01	37.16 3.45 9.41	36.66 2.04 0.00	31.17 1.83 0.61	26.94 1.76 0.00	25.85 1.53 0.00
BAYONEEC___CTG5 323686	22.58 1.07 0.00	20.27 0.82 0.00	19.06 0.75 0.00	18.35 0.67 0.00	18.29 0.67 0.00	19.54 0.82 0.00	25.47 1.58 0.00	28.27 1.92 0.00	26.72 2.07 0.00	25.96 1.97 0.00	24.96 1.83 0.00	25.98 1.86 0.00	27.85 1.91 -0.07	30.76 2.00 0.18	31.47 2.11 2.10	36.53 2.21 1.94	41.42 2.85 0.98	46.88 3.91 2.55	42.07 3.93 11.01	37.16 3.45 9.41	36.66 2.04 0.00	31.17 1.83 0.61	26.94 1.76 0.00	25.85 1.53 0.00
BAYONEEC___CTG6 323687	22.58 1.07 0.00	20.27 0.82 0.00	19.06 0.75 0.00	18.35 0.67 0.00	18.29 0.67 0.00	19.54 0.82 0.00	25.47 1.58 0.00	28.27 1.92 0.00	26.72 2.07 0.00	25.96 1.97 0.00	24.96 1.83 0.00	25.98 1.86 0.00	27.85 1.91 -0.07	30.76 2.00 0.18	31.47 2.11 2.10	36.53 2.21 1.94	41.42 2.85 0.98	46.88 3.91 2.55	42.07 3.93 11.01	37.16 3.45 9.41	36.66 2.04 0.00	31.17 1.83 0.61	26.94 1.76 0.00	25.85 1.53 0.00
BAYONEEC___CTG7 323688	22.58 1.07 0.00	20.27 0.82 0.00	19.06 0.75 0.00	18.35 0.67 0.00	18.29 0.67 0.00	19.54 0.82 0.00	25.47 1.58 0.00	28.27 1.92 0.00	26.72 2.07 0.00	25.96 1.97 0.00	24.96 1.83 0.00	25.98 1.86 0.00	27.85 1.91 -0.07	30.76 2.00 0.18	31.47 2.11 2.10	36.53 2.21 1.94	41.42 2.85 0.98	46.88 3.91 2.55	42.07 3.93 11.01	37.16 3.45 9.41	36.66 2.04 0.00	31.17 1.83 0.61	26.94 1.76 0.00	25.85 1.53 0.00
BAYONEEC___CTG8 323689	22.58 1.07 0.00	20.27 0.82 0.00	19.06 0.75 0.00	18.35 0.67 0.00	18.29 0.67 0.00	19.54 0.82 0.00	25.47 1.58 0.00	28.27 1.92 0.00	26.72 2.07 0.00	25.96 1.97 0.00	24.96 1.83 0.00	25.98 1.86 0.00	27.85 1.91 -0.07	30.76 2.00 0.18	31.47 2.11 2.10	36.53 2.21 1.94	41.42 2.85 0.98	46.88 3.91 2.55	42.07 3.93 11.01	37.16 3.45 9.41	36.66 2.04 0.00	31.17 1.83 0.61	26.94 1.76 0.00	25.85 1.53 0.00

BAYONEEC___CTG9 323749	22.58 1.07 0.00	20.27 0.82 0.00	19.06 0.75 0.00	18.35 0.67 0.00	18.29 0.67 0.00	19.54 0.82 0.00	25.47 1.58 0.00	28.27 1.92 0.00	26.72 2.07 0.00	25.96 1.97 0.00	24.96 1.83 0.00	25.98 1.86 0.00	27.85 1.91 -0.07	30.76 2.00 0.18	31.47 2.11 2.10	36.53 2.21 1.94	41.42 2.85 0.98	46.88 3.91 2.55	42.07 3.93 11.01	37.16 3.45 9.41	36.66 2.04 0.00	31.17 1.83 0.61	26.94 1.76 0.00	25.85 1.53 0.00
BEACON___LESR 323632	22.17 0.67 0.00	20.04 0.58 0.00	18.85 0.55 0.00	18.23 0.55 0.00	18.15 0.53 0.00	19.13 0.41 0.00	24.65 0.76 0.00	27.35 1.00 0.00	25.58 0.94 0.00	24.91 0.91 0.00	23.94 0.81 0.00	24.89 0.77 0.00	26.68 0.88 0.07	29.72 0.78 0.00	32.40 0.88 -0.06	37.06 0.98 0.17	41.22 1.62 -0.04	49.62 2.37 -1.75	52.21 2.60 -0.47	45.84 2.33 -0.40	36.04 1.42 0.00	31.05 1.08 -0.03	26.01 0.83 0.00	25.17 0.85 0.00
BEAVER RIVER___HYD 24048	21.81 0.30 0.00	19.77 0.31 0.00	18.60 0.29 0.00	17.94 0.27 0.00	17.90 0.28 0.00	19.13 0.41 0.00	24.51 0.62 0.00	26.98 0.63 0.00	25.24 0.59 0.00	24.43 0.43 0.00	23.53 0.39 0.00	24.67 0.56 0.00	26.47 0.60 0.00	29.78 0.84 0.00	32.31 0.85 0.00	37.34 1.09 0.00	40.98 1.42 0.00	46.69 1.18 0.00	50.56 1.43 0.00	44.36 1.25 0.00	35.76 1.14 0.00	30.79 0.84 0.00	25.81 0.63 0.00	24.85 0.53 0.00
BEEBEE_GT_13 23619	22.04 0.54 0.00	19.92 0.47 0.00	18.67 0.37 0.00	17.98 0.30 0.00	17.88 0.26 0.00	19.09 0.37 0.00	24.30 0.41 0.00	26.59 0.24 0.00	24.79 0.15 0.00	24.19 0.19 0.00	23.36 0.23 0.00	24.41 0.29 0.00	26.23 0.36 0.00	29.52 0.58 0.00	32.25 0.79 0.00	37.34 1.09 0.00	40.86 1.31 0.00	47.01 1.50 0.00	50.81 1.67 0.00	44.62 1.51 0.00	35.35 0.73 0.00	30.40 0.45 0.00	25.48 0.30 0.00	24.90 0.58 0.00
BENSHRST_27_KV_BENSHRST_1 355998	22.88 1.38 0.00	20.53 1.07 0.00	19.31 1.01 0.00	18.58 0.90 0.00	18.52 0.90 0.00	19.75 1.03 0.00	25.73 1.84 0.00	28.59 2.24 0.00	29.94 2.37 -2.93	30.88 2.26 -4.63	28.61 2.11 -3.37	30.91 2.17 -4.62	31.87 2.28 -3.73	31.93 2.46 -0.53	34.38 2.64 -0.27	39.36 2.86 -0.24	43.26 3.60 -0.11	53.97 4.51 -3.95	55.00 4.62 -1.24	48.09 3.92 -1.06	37.15 2.53 0.00	32.38 2.37 -0.07	27.27 2.09 0.00	26.17 1.85 0.00
BETHLEHEM___GRP 23843	21.81 0.30 0.00	19.73 0.27 0.00	18.56 0.26 0.00	17.96 0.28 0.00	17.90 0.28 0.00	18.81 0.09 0.00	24.20 0.31 0.00	26.85 0.50 0.00	25.14 0.49 0.00	24.45 0.46 0.00	23.50 0.37 0.00	24.43 0.31 0.00	26.17 0.36 0.06	29.17 0.23 0.00	31.77 0.25 -0.06	36.35 0.25 0.16	40.43 0.83 -0.04	48.43 1.18 -1.73	50.89 1.28 -0.47	44.72 1.21 -0.40	35.18 0.55 0.00	30.40 0.42 -0.03	25.50 0.33 0.00	24.68 0.36 0.00
BETHLEHEM___GS1 323560	21.81 0.30 0.00	19.73 0.27 0.00	18.56 0.26 0.00	17.96 0.28 0.00	17.90 0.28 0.00	18.83 0.11 0.00	24.20 0.31 0.00	26.85 0.50 0.00	25.14 0.49 0.00	24.45 0.45 0.00	23.50 0.37 0.00	24.43 0.31 0.00	26.17 0.36 0.06	29.17 0.23 0.00	31.77 0.25 -0.06	36.31 0.22 0.16	40.27 0.67 -0.04	48.43 1.18 -1.73	50.89 1.28 -0.47	44.68 1.16 -0.40	35.17 0.55 0.00	30.39 0.42 -0.03	25.50 0.33 0.00	24.66 0.34 0.00
BETHLEHEM___GS2 323561	21.81 0.30 0.00	19.73 0.27 0.00	18.56 0.26 0.00	17.96 0.28 0.00	17.90 0.28 0.00	18.83 0.11 0.00	24.20 0.31 0.00	26.85 0.50 0.00	25.14 0.49 0.00	24.45 0.45 0.00	23.50 0.37 0.00	24.43 0.31 0.00	26.17 0.36 0.06	29.17 0.23 0.00	31.77 0.25 -0.06	36.31 0.22 0.16	40.27 0.67 -0.04	48.43 1.18 -1.73	50.89 1.28 -0.47	44.68 1.16 -0.40	35.17 0.55 0.00	30.39 0.42 -0.03	25.50 0.33 0.00	24.66 0.34 0.00
BETHLEHEM___GS3 323562	21.81 0.30 0.00	19.73 0.27 0.00	18.56 0.26 0.00	17.96 0.28 0.00	17.90 0.28 0.00	18.83 0.11 0.00	24.20 0.31 0.00	26.85 0.50 0.00	25.14 0.49 0.00	24.45 0.45 0.00	23.50 0.37 0.00	24.43 0.31 0.00	26.17 0.36 0.06	29.17 0.23 0.00	31.77 0.25 -0.06	36.31 0.22 0.16	40.27 0.67 -0.04	48.43 1.18 -1.73	50.89 1.28 -0.47	44.68 1.16 -0.40	35.17 0.55 0.00	30.39 0.42 -0.03	25.50 0.33 0.00	24.66 0.34 0.00
BETHLEHEM___STEEL 23779	22.78 1.27 0.00	20.64 1.19 0.00	19.31 1.01 0.00	18.54 0.87 0.00	18.34 0.72 0.00	19.58 0.86 0.00	24.92 1.03 0.00	26.98 0.63 0.00	25.11 0.47 0.00	24.69 0.70 0.00	23.92 0.79 0.00	25.08 0.96 0.00	26.93 1.06 0.00	30.50 1.56 0.00	33.45 1.98 0.00	38.58 2.32 0.00	42.20 2.65 0.00	48.38 2.87 0.00	52.09 2.95 0.00	45.83 2.72 0.00	36.04 1.42 0.00	31.03 1.08 0.00	26.01 0.83 0.00	25.88 1.56 0.00
BETHLHEM_115KV_TB1 79974	21.87 0.37 0.00	19.77 0.31 0.00	18.62 0.31 0.00	18.00 0.32 0.00	17.94 0.32 0.00	18.87 0.15 0.00	24.30 0.41 0.00	26.93 0.58 0.00	25.21 0.57 0.00	24.52 0.53 0.00	23.60 0.46 0.00	24.53 0.41 0.00	26.25 0.44 0.06	29.29 0.35 0.00	31.87 0.35 -0.06	36.50 0.40 0.15	40.55 0.95 -0.04	48.51 1.27 -1.73	50.98 1.38 -0.47	44.81 1.29 -0.40	35.28 0.66 0.00	30.48 0.51 -0.03	25.58 0.40 0.00	24.76 0.44 0.00
BETHPAGE_CC_5 323564	22.97 1.46 0.00	20.51 1.05 0.00	19.26 0.95 0.00	18.42 0.74 0.00	18.52 0.90 0.00	19.90 1.18 0.00	26.02 2.13 0.00	29.04 2.69 -0.01	27.34 2.69 -0.01	26.37 2.38 0.00	25.55 2.41 -0.01	28.94 2.41 -2.41	30.49 2.46 -2.16	31.59 2.63 -0.02	34.19 2.46 -0.27	38.78 2.29 -0.24	49.48 3.17 -6.76	60.41 4.64 -10.25	60.45 4.52 -6.80	53.35 4.23 -6.01	46.48 2.80 -9.05	37.48 2.52 -5.01	31.13 2.34 -3.61	27.72 2.26 -1.14
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	22.88 1.38 0.00	20.72 1.26 0.00	19.40 1.10 0.00	18.63 0.95 0.00	18.41 0.79 0.00	19.65 0.94 0.00	25.04 1.15 0.00	27.14 0.79 0.00	25.24 0.59 0.00	24.79 0.79 0.00	24.01 0.88 0.00	25.20 1.09 0.00	27.09 1.22 0.00	30.68 1.74 0.00	33.67 2.20 0.00	38.83 2.57 0.00	42.48 2.93 0.00	48.70 3.19 0.00	52.44 3.29 0.00	46.14 3.02 0.00	36.25 1.63 0.00	31.21 1.26 0.00	26.16 0.98 0.00	26.02 1.70 0.00
BINGHAMTON___COGEN 23790	22.07 0.56 0.00	19.96 0.51 0.00	18.76 0.46 0.00	18.10 0.42 0.00	18.01 0.39 0.00	19.17 0.45 0.00	24.61 0.72 0.00	27.06 0.71 0.00	25.31 0.67 0.00	24.60 0.60 0.00	23.76 0.62 0.00	24.79 0.68 0.00	26.54 0.67 0.00	29.81 0.87 0.00	32.50 1.04 0.00	37.45 1.20 0.00	41.22 1.66 0.00	47.51 2.00 0.00	51.30 2.16 0.00	45.01 1.90 0.00	35.73 1.11 0.00	30.76 0.81 0.00	25.83 0.65 0.00	25.05 0.73 0.00
BIXINCNT_115KV_LOAD 355685	23.27 1.76 0.00	21.07 1.61 0.00	19.72 1.41 0.00	18.93 1.26 0.00	18.71 1.09 0.00	20.01 1.29 0.00	25.54 1.65 0.00	27.75 1.40 0.00	26.05 1.40 0.00	25.58 1.58 0.00	24.78 1.64 0.00	25.97 1.86 0.00	27.68 1.81 0.00	31.34 2.40 0.00	34.42 2.96 0.00	39.59 3.34 0.00	43.35 3.80 0.00	49.75 4.23 0.00	53.57 4.42 0.00	47.17 4.05 0.00	36.94 2.32 0.00	31.90 1.95 0.00	26.74 1.56 0.00	26.51 2.19 0.00

BLACK RIVER___HYD 24047	22.20 0.69 0.00	20.12 0.66 0.00	18.91 0.60 0.00	18.24 0.57 0.00	18.20 0.58 0.00	19.49 0.77 0.00	25.04 1.15 0.00	27.54 1.19 0.00	25.58 0.94 0.00	24.69 0.70 0.00	23.78 0.65 0.00	25.03 0.92 0.00	26.85 0.98 0.00	30.24 1.30 0.00	32.75 1.29 0.00	37.89 1.63 0.00	41.81 2.25 0.00	48.33 2.82 0.00	52.48 3.34 0.00	46.13 3.02 0.00	36.80 2.18 0.00	31.45 1.50 0.00	26.23 1.06 0.00	25.29 0.97 0.00
BLACKRVR_115KV_TB2 79977	22.20 0.69 0.00	20.12 0.66 0.00	18.91 0.60 0.00	18.24 0.57 0.00	18.20 0.58 0.00	19.48 0.77 0.00	25.04 1.15 0.00	27.53 1.19 0.00	25.58 0.94 0.00	24.69 0.70 0.00	23.78 0.65 0.00	25.03 0.92 0.00	26.85 0.98 0.00	30.24 1.30 0.00	32.75 1.29 0.00	37.89 1.63 0.00	41.77 2.22 0.00	48.29 2.78 0.00	52.43 3.29 0.00	46.13 3.02 0.00	36.77 2.15 0.00	31.33 1.38 0.00	26.23 1.06 0.00	25.29 0.97 0.00
BLISS_WT_PWR 323608	23.27 1.76 0.00	20.99 1.54 0.00	19.72 1.41 0.00	18.95 1.27 0.00	18.71 1.09 0.00	20.03 1.31 0.00	25.56 1.67 0.00	27.80 1.45 0.00	26.10 1.45 0.00	25.63 1.63 0.00	24.82 1.69 0.00	26.02 1.90 0.00	27.73 1.86 0.00	31.40 2.46 0.00	34.45 2.99 0.00	39.66 3.41 0.00	43.59 4.04 0.00	49.84 4.33 0.00	53.86 4.72 0.00	47.30 4.18 0.00	36.98 2.36 0.00	31.96 2.01 0.00	26.79 1.61 0.00	26.58 2.26 0.00
BLUESTONE___WT_PWR 323821	22.82 1.31 0.00	20.64 1.19 0.00	19.44 1.14 0.00	18.74 1.06 0.00	18.66 1.04 0.00	19.97 1.25 0.00	25.75 1.86 0.00	28.35 2.00 0.00	26.42 1.78 0.00	25.60 1.61 0.00	24.59 1.46 0.00	25.81 1.69 0.00	27.65 1.78 0.00	31.17 2.23 0.00	33.95 2.48 0.00	39.23 2.97 0.00	43.31 3.76 0.00	50.24 4.73 0.00	54.40 5.26 0.00	47.81 4.70 0.00	37.77 3.15 0.00	32.26 2.31 0.00	26.97 1.79 0.00	26.09 1.77 0.00
BLUE_CIRC_CHEM_DRP 24182	22.13 0.62 0.00	20.00 0.54 0.00	18.85 0.55 0.00	18.23 0.55 0.00	18.15 0.53 0.00	19.11 0.39 0.00	24.61 0.72 0.00	27.30 0.95 0.00	25.53 0.89 0.00	24.84 0.84 0.00	23.90 0.76 0.00	24.84 0.72 0.00	26.60 0.78 0.05	29.58 0.64 0.00	32.22 0.69 -0.06	36.94 0.80 0.11	40.98 1.38 -0.04	49.03 1.77 -1.74	51.54 1.97 -0.44	45.34 1.85 -0.38	35.73 1.11 0.00	30.84 0.87 -0.02	25.88 0.70 0.00	25.17 0.85 0.00
BOC_GAS_DRP 24189	21.96 0.45 0.00	19.83 0.37 0.00	18.69 0.38 0.00	18.07 0.39 0.00	18.01 0.39 0.00	19.02 0.30 0.00	24.49 0.60 0.00	27.14 0.79 0.00	25.41 0.76 0.00	24.72 0.72 0.00	23.76 0.62 0.00	24.72 0.60 0.00	26.47 0.65 0.04	29.49 0.55 0.00	32.13 0.60 -0.07	36.77 0.62 0.11	40.74 1.15 -0.04	48.66 1.46 -1.69	51.17 1.57 -0.46	44.93 1.42 -0.39	35.42 0.80 0.00	30.63 0.66 -0.03	25.76 0.58 0.00	24.95 0.63 0.00
BOONVILLE_115KV_TB1 79983	21.96 0.45 0.00	19.88 0.43 0.00	18.71 0.40 0.00	18.05 0.37 0.00	17.99 0.37 0.00	19.20 0.49 0.00	24.61 0.72 0.00	27.03 0.69 0.00	25.26 0.62 0.00	24.55 0.55 0.00	23.62 0.49 0.00	24.74 0.63 0.00	26.52 0.65 0.00	29.81 0.87 0.00	32.38 0.91 0.00	37.38 1.12 0.00	41.02 1.46 0.00	47.20 1.68 0.00	51.01 1.87 0.00	44.79 1.68 0.00	35.83 1.21 0.00	30.79 0.84 0.00	25.81 0.63 0.00	24.90 0.58 0.00
BORALEX_4TH_BRANCH 23824	22.28 0.77 0.00	20.16 0.70 0.00	18.96 0.66 0.00	18.37 0.69 0.00	18.29 0.67 0.00	19.43 0.71 0.00	25.20 1.31 0.00	27.93 1.58 0.00	26.17 1.53 0.00	25.39 1.39 0.00	24.34 1.20 0.00	25.25 1.13 0.00	26.91 1.19 0.15	30.24 1.30 0.00	32.84 1.35 -0.02	37.37 1.52 0.40	41.93 2.33 -0.05	50.42 3.05 -1.86	52.94 3.29 -0.51	46.57 3.02 -0.44	36.60 1.97 0.00	31.54 1.56 -0.03	26.49 1.31 0.00	25.49 1.17 0.00
BOWLINE___1 23526	22.39 0.88 0.00	20.10 0.64 0.00	18.91 0.60 0.00	18.24 0.57 0.00	18.18 0.56 0.00	19.37 0.65 0.00	25.08 1.19 0.00	27.85 1.50 0.00	26.20 1.55 0.00	25.44 1.44 0.00	24.50 1.36 0.00	25.44 1.33 0.00	27.35 1.42 -0.06	30.47 1.53 0.00	32.80 1.64 0.30	38.13 1.78 -0.10	41.82 2.41 0.15	51.85 3.32 -3.02	50.78 3.34 1.70	44.63 2.97 1.46	36.32 1.70 0.00	31.35 1.50 0.09	26.54 1.36 0.00	25.49 1.17 0.00
BOWLINE___2 23595	22.41 0.90 0.00	20.12 0.66 0.00	18.93 0.62 0.00	18.26 0.58 0.00	18.20 0.58 0.00	19.39 0.67 0.00	25.13 1.24 0.00	27.90 1.55 0.00	26.25 1.60 0.00	25.48 1.49 0.00	24.52 1.39 0.00	25.49 1.37 0.00	27.40 1.47 -0.06	30.50 1.56 0.00	32.86 1.70 0.30	38.20 1.85 -0.10	41.90 2.49 0.15	51.94 3.42 -3.02	50.87 3.44 1.71	44.72 3.06 1.46	36.39 1.76 0.00	31.41 1.56 0.09	26.59 1.41 0.00	25.54 1.22 0.00
BRADY___115KV_TB2 356060	21.31 -0.19 0.00	19.34 -0.12 0.00	18.20 -0.11 0.00	17.55 -0.12 0.00	17.55 -0.07 0.00	18.70 -0.02 0.00	23.79 -0.10 0.00	26.30 -0.05 0.00	24.57 -0.07 0.00	23.92 -0.07 0.00	23.04 -0.09 0.00	24.09 -0.02 0.00	25.87 0.00 0.00	29.03 0.09 0.00	31.56 0.09 0.00	36.44 0.18 0.00	38.88 -0.67 0.00	44.28 -1.23 0.00	47.81 -1.33 0.00	41.91 -1.21 0.00	34.69 0.07 0.00	30.04 0.09 0.00	25.25 0.08 0.00	24.27 -0.05 0.00
BRANSCOMB___SOLAR 323811	22.35 0.84 0.00	20.20 0.74 0.00	18.98 0.68 0.00	18.37 0.69 0.00	18.25 0.63 0.00	19.35 0.64 0.00	25.01 1.12 0.00	27.82 1.47 0.00	25.95 1.31 0.00	25.24 1.25 0.00	24.27 1.13 0.00	25.23 1.11 0.00	26.93 1.14 0.08	30.15 1.22 0.00	32.86 1.35 -0.05	37.60 1.56 0.21	41.77 2.17 -0.04	50.31 3.10 -1.70	53.34 3.73 -0.46	46.83 3.32 -0.40	36.91 2.28 0.00	31.77 1.80 -0.03	26.59 1.41 0.00	25.61 1.29 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	23.23 1.72 0.00	20.72 1.26 0.00	19.46 1.15 0.00	18.56 0.88 0.00	18.73 1.11 0.00	20.14 1.42 0.00	26.49 2.60 0.00	29.60 3.24 -0.01	27.86 3.20 -0.01	26.83 2.83 0.00	25.93 2.80 0.00	29.27 2.75 -2.41	30.82 2.79 -2.16	32.08 3.13 -0.02	35.07 3.34 -0.27	40.42 3.92 -0.24	50.91 4.59 -6.76	61.41 5.64 -10.25	61.88 5.95 -6.80	54.30 5.17 -6.01	47.21 3.53 -9.05	38.41 3.44 -5.01	31.86 3.07 -3.62	28.28 2.82 -1.14
BRISTLHL_115KV_TB1 79998	21.96 0.45 0.00	19.86 0.41 0.00	18.65 0.35 0.00	18.00 0.32 0.00	17.94 0.32 0.00	19.11 0.39 0.00	24.58 0.69 0.00	26.96 0.61 0.00	25.11 0.47 0.00	24.19 0.19 0.00	23.39 0.25 0.00	24.46 0.34 0.00	26.26 0.39 0.00	29.46 0.52 0.00	31.84 0.38 0.00	36.69 0.44 0.00	40.27 0.71 0.00	46.56 1.05 0.00	50.47 1.33 0.00	44.23 1.12 0.00	35.25 0.62 0.00	30.25 0.30 0.00	25.56 0.38 0.00	24.68 0.36 0.00
BROOKHAVEN___DRP 24191	23.25 1.74 0.00	20.72 1.26 0.00	19.50 1.19 0.00	18.60 0.92 0.00	18.77 1.15 0.00	20.18 1.46 0.00	26.52 2.63 0.00	29.81 3.45 -0.01	28.03 3.38 -0.01	27.00 3.00 0.00	26.09 2.96 0.00	29.40 2.87 -2.41	31.08 3.05 -2.16	32.37 3.41 -0.02	35.33 3.59 -0.28	40.75 4.24 -0.25	51.31 4.98 -6.77	61.87 6.10 -10.26	62.38 6.44 -6.81	54.78 5.65 -6.02	47.56 3.88 -9.06	38.48 3.50 -5.02	31.97 3.17 -3.62	28.40 2.94 -1.14



BROOKLYN_NAVY_YARD 23515	22.58 1.07 0.00	20.24 0.78 0.00	19.02 0.71 0.00	18.31 0.64 0.00	18.25 0.63 0.00	19.50 0.79 0.00	25.44 1.55 0.00	28.25 1.90 0.00	26.69 2.04 0.00	25.94 1.94 0.00	24.89 1.76 0.00	25.93 1.81 0.00	27.83 1.89 -0.07	30.88 1.94 0.00	33.78 2.04 -0.27	38.64 2.14 -0.24	42.47 2.81 -0.11	53.38 3.91 -3.95	54.26 3.88 -1.24	47.62 3.45 -1.06	36.63 2.01 0.00	31.81 1.80 -0.07	26.91 1.74 0.00	25.83 1.51 0.00
BROOKLYN___ARMY_DRP 323595	22.82 1.31 0.00	20.45 0.99 0.00	19.24 0.93 0.00	18.53 0.85 0.00	18.47 0.85 0.00	19.69 0.97 0.00	25.63 1.74 0.00	28.48 2.13 0.00	29.81 2.24 -2.93	30.79 2.16 -4.63	28.49 1.99 -3.37	30.79 2.05 -4.62	31.77 2.17 -3.73	31.78 2.32 -0.53	34.22 2.49 -0.27	39.18 2.68 -0.24	43.03 3.36 -0.11	53.70 4.23 -3.95	54.65 4.28 -1.24	47.83 3.66 -1.06	36.98 2.35 0.00	32.23 2.22 -0.07	27.14 1.96 0.00	26.07 1.75 0.00
BROOKVLE_69_KV_TB1 55790	22.84 1.33 0.00	20.45 0.99 0.00	19.20 0.90 0.00	18.42 0.74 0.00	18.47 0.85 0.00	19.78 1.07 0.00	25.80 1.91 0.00	28.77 2.42 0.00	27.09 2.44 0.00	26.23 2.23 0.00	25.38 2.24 0.00	28.79 2.27 -2.41	30.43 2.41 -2.16	31.56 2.60 -0.02	34.50 2.77 -0.27	39.69 3.19 -0.24	50.43 4.11 -6.76	60.77 5.01 -10.25	61.14 5.21 -6.80	53.69 4.57 -6.01	46.58 2.91 -9.05	37.51 2.55 -5.01	31.03 2.24 -3.61	27.50 2.04 -1.14
BROOME_2_LFGE 323671	22.07 0.56 0.00	19.94 0.49 0.00	18.76 0.46 0.00	18.10 0.42 0.00	18.01 0.39 0.00	19.17 0.45 0.00	24.61 0.72 0.00	27.06 0.71 0.00	25.31 0.67 0.00	24.60 0.60 0.00	23.76 0.62 0.00	24.79 0.67 0.00	26.54 0.67 0.00	29.81 0.87 0.00	32.50 1.04 0.00	37.45 1.19 0.00	41.18 1.62 0.00	47.51 2.00 0.00	51.35 2.21 0.00	45.05 1.94 0.00	35.70 1.07 0.00	30.76 0.81 0.00	25.83 0.65 0.00	25.07 0.75 0.00
BROOME___LFGE 323600	22.07 0.56 0.00	19.94 0.49 0.00	18.76 0.46 0.00	18.10 0.42 0.00	18.01 0.39 0.00	19.17 0.45 0.00	24.61 0.72 0.00	27.06 0.71 0.00	25.31 0.67 0.00	24.60 0.60 0.00	23.76 0.62 0.00	24.79 0.67 0.00	26.54 0.67 0.00	29.81 0.87 0.00	32.50 1.04 0.00	37.45 1.19 0.00	41.18 1.62 0.00	47.51 2.00 0.00	51.35 2.21 0.00	45.05 1.94 0.00	35.70 1.07 0.00	30.76 0.81 0.00	25.83 0.65 0.00	25.07 0.75 0.00
BROWNFLS_115KV_TB_3_5 80003	21.55 0.04 0.00	19.53 0.08 0.00	18.38 0.07 0.00	17.73 0.05 0.00	17.71 0.09 0.00	18.90 0.19 0.00	24.18 0.29 0.00	26.64 0.29 0.00	25.04 0.39 0.00	24.28 0.29 0.00	23.39 0.25 0.00	24.53 0.41 0.00	26.31 0.44 0.00	29.55 0.61 0.00	32.09 0.63 0.00	37.09 0.83 0.00	40.23 0.67 0.00	45.38 -0.14 0.00	49.04 -0.10 0.00	43.03 -0.09 0.00	35.14 0.52 0.00	30.37 0.42 0.00	25.56 0.38 0.00	24.59 0.27 0.00
BROWNSV1_27_KV_LOAD 356125	22.78 1.27 0.00	20.41 0.95 0.00	19.20 0.90 0.00	18.49 0.81 0.00	18.43 0.81 0.00	19.71 0.99 0.00	25.66 1.77 0.00	28.54 2.19 0.00	26.94 2.29 0.00	26.18 2.18 0.00	25.17 2.04 0.00	26.19 2.07 0.00	28.11 2.17 -0.07	31.25 2.32 0.00	34.16 2.42 -0.27	39.22 2.72 -0.24	43.30 3.64 -0.11	53.97 4.51 -3.95	55.04 4.67 -1.24	48.22 4.05 -1.06	37.05 2.42 0.00	32.20 2.19 -0.07	27.17 1.99 0.00	26.07 1.75 0.00
BURROWS___LYONSDAL 23803	21.94 0.43 0.00	19.86 0.41 0.00	18.69 0.38 0.00	18.03 0.35 0.00	17.99 0.37 0.00	19.20 0.49 0.00	24.61 0.72 0.00	27.03 0.69 0.00	25.26 0.62 0.00	24.52 0.53 0.00	23.62 0.49 0.00	24.74 0.63 0.00	26.52 0.65 0.00	29.81 0.87 0.00	32.38 0.91 0.00	37.38 1.12 0.00	41.02 1.46 0.00	47.10 1.59 0.00	50.96 1.82 0.00	44.75 1.64 0.00	35.83 1.21 0.00	30.79 0.84 0.00	25.81 0.63 0.00	24.90 0.58 0.00
CAITHNESS_CC_1 323624	23.16 1.66 0.00	20.68 1.23 0.00	19.44 1.14 0.00	18.54 0.87 0.00	18.70 1.07 0.00	20.12 1.40 0.00	26.42 2.53 0.00	29.68 3.32 -0.01	27.93 3.28 -0.01	26.90 2.90 0.00	26.01 2.87 -0.01	29.30 2.77 -2.41	30.97 2.95 -2.16	32.25 3.30 -0.02	34.83 3.09 -0.28	39.30 2.79 -0.25	50.01 3.68 -6.77	60.96 5.19 -10.26	61.01 5.06 -6.81	53.87 4.74 -6.02	47.18 3.50 -9.06	38.00 3.02 -5.02	31.72 2.92 -3.62	28.23 2.77 -1.14
CALPINE BETH_PAGE_GT4 24209	22.95 1.44 0.00	20.49 1.03 0.00	19.26 0.95 0.00	18.42 0.74 0.00	18.52 0.90 0.00	19.88 1.16 0.00	25.94 2.05 0.00	28.94 2.58 0.00	27.24 2.59 0.00	26.30 2.30 0.00	25.45 2.31 0.00	28.84 2.32 -2.41	30.43 2.41 -2.16	31.47 2.52 -0.02	34.35 2.61 -0.27	39.54 3.05 -0.24	50.19 3.88 -6.76	60.50 4.73 -10.25	60.90 4.96 -6.80	53.48 4.35 -6.01	46.41 2.74 -9.05	37.45 2.49 -5.01	31.06 2.27 -3.61	27.65 2.19 -1.14
CALPINE_BETH_PAGE_GT_4 323586	22.95 1.44 0.00	20.51 1.05 0.00	19.26 0.95 0.00	18.42 0.74 0.00	18.52 0.90 0.00	19.88 1.16 0.00	25.94 2.05 0.00	28.94 2.58 0.00	27.24 2.59 0.00	26.30 2.30 0.00	25.45 2.31 -0.01	28.84 2.32 -2.41	30.43 2.41 -2.16	31.47 2.52 -0.02	34.13 2.39 -0.27	38.71 2.21 -0.24	49.44 3.12 -6.76	60.36 4.59 -10.25	60.41 4.47 -6.80	53.30 4.18 -6.01	46.37 2.70 -9.05	37.39 2.42 -5.01	31.03 2.24 -3.61	27.65 2.19 -1.14
CALPINE_BP_GT1 23823	22.95 1.44 0.00	20.51 1.05 0.00	19.26 0.95 0.00	18.42 0.74 0.00	18.52 0.90 0.00	19.88 1.16 0.00	25.94 2.05 0.00	28.94 2.58 0.00	27.24 2.59 0.00	26.30 2.30 0.00	25.45 2.31 -0.01	28.84 2.32 -2.41	30.43 2.41 -2.16	31.47 2.52 -0.02	34.13 2.39 -0.27	38.71 2.21 -0.24	49.44 3.12 -6.76	60.36 4.59 -10.25	60.41 4.47 -6.80	53.30 4.18 -6.01	46.37 2.70 -9.05	37.39 2.42 -5.01	31.03 2.24 -3.61	27.65 2.19 -1.14
CALSPAN___DRP 24200	22.78 1.27 0.00	20.64 1.19 0.00	19.31 1.01 0.00	18.54 0.87 0.00	18.34 0.72 0.00	19.58 0.86 0.00	24.92 1.03 0.00	26.98 0.63 0.00	25.11 0.47 0.00	24.69 0.70 0.00	23.92 0.79 0.00	25.08 0.96 0.00	26.93 1.06 0.00	30.50 1.56 0.00	33.45 1.98 0.00	38.58 2.32 0.00	42.20 2.65 0.00	48.38 2.87 0.00	52.09 2.95 0.00	45.83 2.72 0.00	36.04 1.42 0.00	31.03 1.08 0.00	26.01 0.83 0.00	25.88 1.56 0.00
CALVERTON___SOLAR 323806	23.33 1.83 0.00	20.82 1.36 0.00	19.57 1.26 0.00	18.65 0.97 0.00	18.82 1.20 0.00	20.27 1.55 0.00	26.61 2.72 0.00	29.94 3.58 -0.01	28.15 3.50 -0.01	27.11 3.12 0.00	26.22 3.08 -0.01	29.52 2.99 -2.41	31.21 3.18 -2.16	32.51 3.56 -0.02	35.14 3.40 -0.28	39.70 3.19 -0.25	50.44 4.11 -6.77	61.51 5.73 -10.26	61.59 5.65 -6.81	54.39 5.26 -6.02	47.63 3.95 -9.06	38.36 3.38 -5.02	32.00 3.20 -3.62	28.48 3.02 -1.14
CANDIGU_WT_PWR 323617	22.50 0.99 0.00	20.33 0.88 0.00	19.11 0.80 0.00	18.39 0.71 0.00	18.25 0.63 0.00	19.47 0.75 0.00	24.94 1.05 0.00	27.25 0.90 0.00	25.46 0.81 0.00	24.84 0.84 0.00	24.03 0.90 0.00	25.13 1.01 0.00	26.91 1.04 0.00	30.33 1.39 0.00	33.13 1.67 0.00	38.25 1.99 0.00	42.09 2.53 0.00	48.34 2.82 0.00	52.29 3.15 0.00	45.88 2.76 0.00	36.11 1.49 0.00	31.09 1.14 0.00	26.13 0.96 0.00	25.63 1.31 0.00

CARR STREET_E__SYR 24060	21.57 0.06 0.00	19.49 0.04 0.00	18.32 0.02 0.00	17.70 0.02 0.00	17.62 0.00 0.00	18.75 0.04 0.00	24.03 0.14 0.00	26.40 0.05 0.00	24.62 -0.02 0.00	23.85 -0.14 0.00	23.04 -0.09 0.00	24.05 -0.07 0.00	25.74 -0.13 0.00	28.80 -0.14 0.00	31.31 -0.16 0.00	36.07 -0.18 0.00	39.55 0.00 0.00	45.65 0.14 0.00	49.39 0.25 0.00	43.29 0.17 0.00	34.48 -0.14 0.00	29.71 -0.24 0.00	24.95 -0.23 0.00	24.15 -0.17 0.00
CARTHAGE__PAPER 23857	21.91 0.41 0.00	19.87 0.41 0.00	18.67 0.37 0.00	18.01 0.34 0.00	17.97 0.35 0.00	19.24 0.52 0.00	24.68 0.79 0.00	27.17 0.82 0.00	25.33 0.69 0.00	24.50 0.50 0.00	23.60 0.46 0.00	24.79 0.67 0.00	26.59 0.72 0.00	29.92 0.98 0.00	32.44 0.98 0.00	37.52 1.27 0.00	41.25 1.70 0.00	47.29 1.77 0.00	51.25 2.11 0.00	45.05 1.94 0.00	36.18 1.56 0.00	31.06 1.11 0.00	25.96 0.78 0.00	25.00 0.68 0.00
CASSADAGA_WT_PWR 323784	23.29 1.78 0.00	21.01 1.56 0.00	19.73 1.43 0.00	18.93 1.26 0.00	18.71 1.09 0.00	20.03 1.31 0.00	25.56 1.67 0.00	27.82 1.47 0.00	26.07 1.43 0.00	25.65 1.65 0.00	24.87 1.74 0.00	26.07 1.95 0.00	27.86 1.99 0.00	31.54 2.61 0.00	34.61 3.15 0.00	39.88 3.63 0.00	43.87 4.31 0.00	50.11 4.59 0.00	54.16 5.01 0.00	47.52 4.40 0.00	37.12 2.49 0.00	31.99 2.04 0.00	26.79 1.61 0.00	26.53 2.21 0.00
CE_DUNWOOD__DRP 24194	22.52 1.01 0.00	20.21 0.76 0.00	19.02 0.71 0.00	18.33 0.65 0.00	18.29 0.67 0.00	19.52 0.80 0.00	25.35 1.46 0.00	28.17 1.82 0.00	26.52 1.87 0.00	25.75 1.75 0.00	24.78 1.64 0.00	25.76 1.64 0.00	27.67 1.73 -0.07	30.79 1.85 0.00	33.72 1.98 -0.28	38.74 2.25 -0.24	42.75 3.09 -0.11	53.36 3.82 -4.03	54.39 3.98 -1.27	47.69 3.49 -1.09	36.66 2.04 0.00	31.85 1.83 -0.07	26.79 1.61 0.00	25.73 1.41 0.00
CE_MILLWOOD__DRP 24193	22.47 0.97 0.00	20.18 0.72 0.00	19.00 0.70 0.00	18.31 0.64 0.00	18.27 0.65 0.00	19.48 0.77 0.00	25.28 1.39 0.00	28.09 1.74 0.00	26.42 1.77 0.00	25.68 1.68 0.00	24.71 1.57 0.00	25.66 1.54 0.00	27.59 1.66 -0.07	30.70 1.77 0.00	33.63 1.89 -0.28	38.63 2.14 -0.24	42.64 2.97 -0.12	53.33 3.69 -4.13	54.27 3.83 -1.29	47.58 3.36 -1.11	36.60 1.97 0.00	31.76 1.74 -0.07	26.71 1.54 0.00	25.68 1.36 0.00
CE_NYC2_DRP 24202	22.73 1.23 0.00	20.39 0.93 0.00	19.18 0.88 0.00	18.47 0.80 0.00	18.41 0.79 0.00	19.65 0.94 0.00	25.61 1.72 0.00	28.43 2.08 0.00	29.76 2.19 -2.93	30.71 2.09 -4.63	28.44 1.94 -3.37	30.71 1.98 -4.62	31.67 2.07 -3.73	31.67 2.20 -0.53	34.03 2.30 -0.27	39.00 2.50 -0.24	42.91 3.24 -0.11	53.42 3.96 -3.95	54.41 4.03 -1.24	47.62 3.45 -1.06	36.84 2.22 0.00	32.08 2.07 -0.07	27.09 1.91 0.00	26.00 1.68 0.00
CE_NYC_DRP 24195	22.63 1.12 0.00	20.29 0.84 0.00	19.09 0.79 0.00	18.39 0.71 0.00	18.34 0.72 0.00	19.60 0.88 0.00	25.51 1.62 0.00	28.35 2.00 0.00	26.76 2.12 0.00	26.01 2.02 0.00	25.01 1.87 0.00	26.02 1.91 0.00	27.93 1.99 -0.07	31.02 2.08 0.00	33.94 2.20 -0.27	38.93 2.43 -0.24	42.99 3.32 -0.11	53.56 4.10 -3.95	54.60 4.23 -1.24	47.83 3.66 -1.06	36.77 2.15 0.00	31.96 1.95 -0.07	26.99 1.81 0.00	25.88 1.56 0.00
CHAFFEE__LFGE 323603	22.82 1.31 0.00	20.60 1.15 0.00	19.37 1.06 0.00	18.58 0.90 0.00	18.38 0.76 0.00	19.62 0.90 0.00	24.99 1.10 0.00	27.11 0.76 0.00	25.29 0.64 0.00	24.84 0.84 0.00	24.06 0.93 0.00	25.25 1.13 0.00	27.09 1.22 0.00	30.68 1.74 0.00	33.63 2.17 0.00	38.83 2.57 0.00	42.64 3.09 0.00	48.65 3.14 0.00	52.58 3.44 0.00	46.18 3.06 0.00	36.18 1.56 0.00	31.18 1.23 0.00	26.13 0.96 0.00	26.00 1.68 0.00
CHATEAUG_35_KV_LOAD 355732	20.71 -0.80 0.00	18.78 -0.68 0.00	17.65 -0.66 0.00	17.01 -0.67 0.00	17.04 -0.58 0.00	18.19 -0.52 0.00	23.29 -0.60 0.00	25.95 -0.40 0.00	24.42 -0.22 0.00	23.95 -0.05 0.00	23.25 0.12 0.00	24.33 0.22 0.00	26.15 0.28 0.00	29.34 0.41 0.00	31.87 0.41 0.00	36.84 0.58 0.00	39.63 0.08 0.00	45.47 -0.05 0.00	48.84 -0.29 0.00	42.60 -0.52 0.00	34.93 0.31 0.00	30.16 0.21 0.00	25.40 0.23 0.00	24.42 0.10 0.00
CHATEAUG_WT_PWR 323614	20.69 -0.82 0.00	18.76 -0.70 0.00	17.63 -0.68 0.00	16.99 -0.69 0.00	17.02 -0.60 0.00	18.17 -0.54 0.00	23.29 -0.60 0.00	25.95 -0.39 0.00	24.40 -0.25 0.00	23.95 -0.05 0.00	23.25 0.12 0.00	24.33 0.22 0.00	26.16 0.29 0.00	29.34 0.40 0.00	31.87 0.41 0.00	36.91 0.65 0.00	39.87 0.31 0.00	45.51 0.00 0.00	48.89 -0.24 0.00	42.68 -0.43 0.00	34.93 0.31 0.00	30.13 0.18 0.00	25.40 0.23 0.00	24.47 0.15 0.00
CHAT_HIGH_FALL_HYD 323578	20.71 -0.80 0.00	18.77 -0.68 0.00	17.65 -0.66 0.00	17.01 -0.67 0.00	17.04 -0.58 0.00	18.19 -0.52 0.00	23.29 -0.60 0.00	25.95 -0.39 0.00	24.42 -0.22 0.00	23.95 -0.05 0.00	23.25 0.12 0.00	24.33 0.22 0.00	26.16 0.29 0.00	29.34 0.40 0.00	31.87 0.41 0.00	36.91 0.65 0.00	39.87 0.31 0.00	45.47 -0.05 0.00	48.85 -0.29 0.00	42.64 -0.47 0.00	34.93 0.31 0.00	30.13 0.18 0.00	25.40 0.23 0.00	24.47 0.15 0.00
CHAUTAUQUA__LFGE 323629	22.97 1.46 0.00	20.74 1.28 0.00	19.49 1.19 0.00	18.70 1.02 0.00	18.48 0.86 0.00	19.75 1.03 0.00	25.18 1.29 0.00	27.35 1.00 0.00	25.53 0.89 0.00	25.10 1.10 0.00	24.34 1.20 0.00	25.52 1.40 0.00	27.34 1.47 0.00	30.93 2.00 0.00	33.95 2.48 0.00	39.23 2.97 0.00	43.12 3.56 0.00	49.20 3.68 0.00	53.17 4.03 0.00	46.65 3.54 0.00	36.49 1.87 0.00	31.45 1.50 0.00	26.36 1.18 0.00	26.14 1.82 0.00
CHERRYST_13_KV_LD 356241	22.69 1.18 0.00	20.35 0.89 0.00	19.15 0.84 0.00	18.42 0.74 0.00	18.38 0.76 0.00	19.63 0.92 0.00	25.59 1.70 0.00	28.43 2.08 0.00	26.84 2.19 0.00	26.08 2.09 0.00	25.08 1.94 0.00	26.12 2.00 0.00	28.03 2.10 -0.07	31.14 2.20 0.00	34.06 2.33 -0.27	39.07 2.57 -0.24	43.15 3.48 -0.11	53.79 4.32 -3.95	54.80 4.42 -1.24	48.01 3.84 -1.06	36.87 2.25 0.00	32.05 2.04 -0.07	27.04 1.86 0.00	25.95 1.63 0.00
CHESTROR_138KV_BK263 355645	22.35 0.84 0.00	20.10 0.64 0.00	18.91 0.60 0.00	18.23 0.55 0.00	18.15 0.53 0.00	19.34 0.62 0.00	25.01 1.12 0.00	27.72 1.37 0.00	26.03 1.38 0.00	25.27 1.27 0.00	24.31 1.18 0.00	25.28 1.16 0.00	27.16 1.24 -0.05	30.33 1.39 0.00	32.78 1.54 0.23	38.12 1.78 -0.09	41.93 2.49 0.12	57.76 3.05 -9.19	50.97 3.14 1.31	44.75 2.76 1.12	36.18 1.56 0.00	31.29 1.41 0.07	26.46 1.28 0.00	25.44 1.12 0.00
CH_MIDHUDSON__DRP 24192	22.41 0.90 0.00	20.16 0.70 0.00	18.98 0.68 0.00	18.30 0.62 0.00	18.24 0.62 0.00	19.39 0.67 0.00	25.16 1.27 0.00	27.93 1.58 0.00	26.20 1.55 0.00	25.41 1.42 0.00	24.45 1.32 0.00	25.40 1.28 0.00	27.28 1.37 -0.04	30.44 1.50 0.00	33.19 1.60 -0.12	38.25 1.85 -0.14	42.25 2.65 -0.05	51.93 3.28 -3.14	53.10 3.44 -0.52	46.57 3.02 -0.44	36.35 1.73 0.00	31.54 1.56 -0.03	26.59 1.41 0.00	25.58 1.26 0.00

CH_MISC_IPPS 23765	22.58 1.07 0.00	20.31 0.86 0.00	19.11 0.80 0.00	18.40 0.73 0.00	18.31 0.69 0.00	19.47 0.75 0.00	25.25 1.36 0.00	27.98 1.63 0.00	26.25 1.60 0.00	25.41 1.42 0.00	24.47 1.34 0.00	25.40 1.28 0.00	27.32 1.40 -0.05	30.53 1.59 0.00	33.34 1.82 -0.06	38.44 2.03 -0.15	42.26 2.69 -0.01	52.54 3.59 -3.43	53.03 3.73 -0.16	46.57 3.32 -0.14	36.53 1.90 0.00	31.66 1.71 -0.01	26.76 1.59 0.00	25.73 1.41 0.00
CH_RES_BVR_FALLS 23983	21.23 -0.28 0.00	19.22 -0.23 0.00	18.09 -0.22 0.00	17.47 -0.21 0.00	17.43 -0.19 0.00	18.51 -0.21 0.00	23.58 -0.31 0.00	26.03 -0.32 0.00	24.35 -0.29 0.00	23.73 -0.26 0.00	22.90 -0.23 0.00	23.88 -0.24 0.00	25.61 -0.26 0.00	28.68 -0.26 0.00	31.18 -0.28 0.00	35.96 -0.29 0.00	38.96 -0.59 0.00	44.55 -0.96 0.00	48.06 -1.08 0.00	42.16 -0.95 0.00	34.24 -0.38 0.00	29.68 -0.27 0.00	24.95 -0.23 0.00	24.08 -0.24 0.00
CH_RES_NIAGARA 23895	21.91 0.41 0.00	19.73 0.27 0.00	18.54 0.24 0.00	17.80 0.12 0.00	17.62 0.00 0.00	18.77 0.06 0.00	23.82 -0.07 0.00	25.66 -0.69 0.00	23.96 -0.69 0.00	23.52 -0.48 0.00	22.76 -0.37 0.00	23.88 -0.24 0.00	25.56 -0.31 0.00	28.94 0.00 0.00	31.68 0.22 0.00	36.65 0.40 0.00	40.19 0.63 0.00	45.74 0.23 0.00	49.44 0.30 0.00	43.42 0.30 0.00	34.17 -0.45 0.00	29.50 -0.45 0.00	24.77 -0.40 0.00	24.76 0.44 0.00
CH_RES_SYRACUSE 23985	21.77 0.26 0.00	19.69 0.23 0.00	18.51 0.20 0.00	17.86 0.18 0.00	17.80 0.18 0.00	18.94 0.23 0.00	24.65 0.76 0.00	27.09 0.74 0.00	25.24 0.59 0.00	23.95 -0.05 0.00	23.16 0.02 0.00	24.19 0.07 0.00	25.95 0.08 0.00	29.08 0.15 0.00	31.59 0.13 0.00	36.40 0.15 0.00	39.91 0.36 0.00	46.10 0.59 0.00	49.92 0.78 0.00	43.76 0.65 0.00	34.90 0.28 0.00	30.04 0.09 0.00	25.25 0.08 0.00	24.42 0.10 0.00
CLINTON_WT_PWR 323605	20.69 -0.82 0.00	18.76 -0.70 0.00	17.63 -0.68 0.00	16.99 -0.69 0.00	17.02 -0.60 0.00	18.17 -0.54 0.00	23.29 -0.60 0.00	25.95 -0.39 0.00	24.40 -0.25 0.00	23.95 -0.05 0.00	23.25 0.12 0.00	24.33 0.22 0.00	26.16 0.29 0.00	29.34 0.40 0.00	31.87 0.41 0.00	36.91 0.65 0.00	39.87 0.31 0.00	45.51 0.00 0.00	48.89 -0.24 0.00	42.68 -0.43 0.00	34.93 0.31 0.00	30.13 0.18 0.00	25.40 0.23 0.00	24.47 0.15 0.00
CLINTON__LFGE 323618	20.91 -0.60 0.00	18.95 -0.51 0.00	17.81 -0.49 0.00	17.17 -0.51 0.00	17.22 -0.40 0.00	18.38 -0.34 0.00	23.58 -0.31 0.00	26.30 -0.05 0.00	24.72 0.07 0.00	24.24 0.24 0.00	23.53 0.39 0.00	24.63 0.51 0.00	26.47 0.60 0.00	29.72 0.78 0.00	32.28 0.82 0.00	37.42 1.16 0.00	40.46 0.91 0.00	46.28 0.77 0.00	49.73 0.59 0.00	43.37 0.26 0.00	35.49 0.87 0.00	30.55 0.60 0.00	25.76 0.58 0.00	24.78 0.46 0.00
COBBLENY_34_KV_TB1 80064	22.84 1.33 0.00	20.68 1.23 0.00	19.37 1.06 0.00	18.58 0.90 0.00	18.38 0.76 0.00	19.62 0.90 0.00	24.99 1.10 0.00	27.11 0.76 0.00	25.29 0.64 0.00	24.84 0.84 0.00	24.06 0.93 0.00	25.25 1.13 0.00	27.09 1.22 0.00	30.68 1.74 0.00	33.67 2.20 0.00	38.79 2.54 0.00	42.44 2.89 0.00	48.66 3.14 0.00	52.39 3.24 0.00	46.13 3.02 0.00	36.21 1.59 0.00	31.18 1.23 0.00	26.13 0.96 0.00	25.97 1.65 0.00
COFFEEN__115KV_TB3 355620	22.30 0.80 0.00	20.21 0.76 0.00	19.02 0.71 0.00	18.33 0.65 0.00	18.29 0.67 0.00	19.60 0.88 0.00	25.20 1.31 0.00	27.69 1.34 0.00	25.71 1.06 0.00	24.81 0.82 0.00	23.87 0.74 0.00	25.18 1.06 0.00	27.01 1.14 0.00	30.42 1.48 0.00	32.94 1.48 0.00	38.10 1.85 0.00	42.09 2.53 0.00	48.74 3.23 0.00	52.92 3.78 0.00	46.60 3.49 0.00	37.08 2.46 0.00	31.51 1.56 0.00	26.39 1.21 0.00	25.41 1.09 0.00
COLDSPRG_115KV_BK1 355956	23.57 2.06 0.00	21.32 1.87 0.00	19.97 1.67 0.00	19.16 1.48 0.00	18.94 1.32 0.00	20.27 1.55 0.00	25.94 2.05 0.00	28.27 1.92 0.00	26.67 2.02 0.00	26.20 2.21 0.00	25.40 2.27 0.00	26.63 2.51 0.00	28.28 2.41 0.00	32.01 3.07 0.00	35.21 3.74 0.00	40.35 4.10 0.00	44.26 4.71 0.00	50.80 5.28 0.00	54.65 5.50 0.00	48.12 5.00 0.00	37.63 3.01 0.00	32.50 2.55 0.00	27.19 2.01 0.00	26.90 2.58 0.00
COLONIE_LFGE__ 323577	22.15 0.64 0.00	20.04 0.58 0.00	18.85 0.55 0.00	18.24 0.57 0.00	18.17 0.55 0.00	19.24 0.52 0.00	24.85 0.96 0.00	27.59 1.24 0.00	25.80 1.16 0.00	25.08 1.08 0.00	24.08 0.95 0.00	25.03 0.92 0.00	26.73 0.96 0.09	29.95 1.01 0.00	32.61 1.10 -0.05	37.20 1.19 0.25	41.38 1.78 -0.04	49.76 2.50 -1.74	52.42 2.80 -0.48	46.06 2.54 -0.41	36.25 1.63 0.00	31.26 1.29 -0.03	26.23 1.06 0.00	25.29 0.97 0.00
COOPERNY_115KV_TB1 80082	22.17 0.67 0.00	19.98 0.53 0.00	18.80 0.49 0.00	18.14 0.46 0.00	18.08 0.46 0.00	19.24 0.52 0.00	24.82 0.93 0.00	27.46 1.11 0.00	25.78 1.13 0.00	25.03 1.03 0.00	24.10 0.97 0.00	25.11 0.99 0.00	26.93 1.03 -0.03	30.10 1.16 0.00	32.61 1.26 0.11	37.76 1.45 -0.05	41.51 2.02 0.06	45.78 2.50 2.23	51.10 2.60 0.65	44.84 2.28 0.55	35.94 1.32 0.00	31.08 1.17 0.04	26.21 1.03 0.00	25.22 0.90 0.00
COPENHAGEN_WT_PWR 323753	22.15 0.64 0.00	20.06 0.60 0.00	18.87 0.57 0.00	18.21 0.53 0.00	18.15 0.53 0.00	19.43 0.71 0.00	24.97 1.08 0.00	27.46 1.11 0.00	25.51 0.86 0.00	24.62 0.62 0.00	23.71 0.58 0.00	24.96 0.84 0.00	26.78 0.91 0.00	30.15 1.22 0.00	32.63 1.16 0.00	37.74 1.49 0.00	41.61 2.06 0.00	48.10 2.59 0.00	52.24 3.10 0.00	45.91 2.80 0.00	36.63 2.01 0.00	31.33 1.38 0.00	26.16 0.98 0.00	25.22 0.90 0.00
CORNELL____ 23752	22.20 0.69 0.00	20.08 0.62 0.00	18.87 0.57 0.00	18.19 0.51 0.00	18.13 0.51 0.00	19.34 0.62 0.00	24.97 1.08 0.00	27.48 1.13 0.00	25.61 0.96 0.00	24.67 0.67 0.00	23.80 0.67 0.00	24.87 0.75 0.00	26.67 0.80 0.00	29.95 1.01 0.00	32.63 1.16 0.00	37.63 1.38 0.00	41.41 1.86 0.00	47.88 2.37 0.00	51.89 2.75 0.00	45.53 2.41 0.00	36.15 1.52 0.00	31.03 1.08 0.00	26.03 0.86 0.00	25.20 0.88 0.00
CORONAAV_69_KV_TB1 355595	22.82 1.31 0.00	20.39 0.93 0.00	19.15 0.84 0.00	18.35 0.67 0.00	18.41 0.79 0.00	19.75 1.03 0.00	25.78 1.89 0.00	28.72 2.37 0.00	27.01 2.37 0.00	26.11 2.11 0.00	25.28 2.15 0.00	28.70 2.17 -2.41	30.33 2.30 -2.16	31.44 2.49 -0.02	34.35 2.61 -0.27	39.58 3.08 -0.24	50.23 3.92 -6.76	60.45 4.69 -10.25	60.90 4.96 -6.80	53.48 4.35 -6.01	46.48 2.80 -9.05	37.42 2.46 -5.01	31.03 2.24 -3.61	27.50 2.04 -1.14
CORTLAND_115KV_TB3 80093	22.00 0.49 0.00	19.90 0.45 0.00	18.69 0.38 0.00	18.05 0.37 0.00	17.97 0.35 0.00	19.15 0.43 0.00	24.63 0.74 0.00	27.09 0.74 0.00	25.29 0.64 0.00	24.48 0.48 0.00	23.62 0.49 0.00	24.65 0.53 0.00	26.44 0.57 0.00	29.66 0.72 0.00	32.31 0.85 0.00	37.23 0.98 0.00	40.94 1.38 0.00	47.29 1.77 0.00	51.15 2.01 0.00	44.88 1.77 0.00	35.66 1.04 0.00	30.67 0.72 0.00	25.73 0.55 0.00	24.90 0.58 0.00

COXSACKIE___GT 23611	22.69 1.18 0.00	20.56 1.11 0.00	19.33 1.02 0.00	18.65 0.97 0.00	18.43 0.81 0.00	19.30 0.58 0.00	24.87 0.98 0.00	27.61 1.26 0.00	25.58 0.94 0.00	24.74 0.74 0.00	23.80 0.67 0.00	24.72 0.60 0.00	26.74 0.91 0.03	29.58 0.64 0.00	32.65 1.13 -0.06	37.37 1.19 0.08	41.60 2.02 -0.03	50.28 2.92 -1.85	53.05 3.54 -0.38	46.49 3.06 -0.32	36.22 1.59 0.00	31.44 1.47 -0.02	26.39 1.21 0.00	25.73 1.41 0.00
CPV_VALLEY___CC1 323721	22.28 0.77 0.00	20.04 0.58 0.00	18.87 0.57 0.00	18.19 0.51 0.00	18.13 0.51 0.00	19.30 0.58 0.00	24.94 1.05 0.00	27.64 1.29 0.00	25.95 1.31 0.00	25.20 1.20 0.00	24.27 1.13 0.00	25.25 1.13 0.00	27.10 1.19 -0.04	30.24 1.30 0.00	32.73 1.45 0.18	37.89 1.56 -0.08	41.59 2.13 0.09	45.88 2.87 2.50	50.98 2.90 1.06	44.79 2.59 0.91	36.11 1.49 0.00	31.21 1.32 0.06	26.36 1.18 0.00	25.37 1.05 0.00
CPV_VALLEY___CC2 323722	22.28 0.77 0.00	20.04 0.58 0.00	18.87 0.57 0.00	18.19 0.51 0.00	18.13 0.51 0.00	19.30 0.58 0.00	24.94 1.05 0.00	27.64 1.29 0.00	25.95 1.31 0.00	25.20 1.20 0.00	24.27 1.13 0.00	25.25 1.13 0.00	27.10 1.19 -0.04	30.24 1.30 0.00	32.73 1.45 0.18	37.89 1.56 -0.08	41.59 2.13 0.09	45.88 2.87 2.50	50.98 2.90 1.06	44.79 2.59 0.91	36.11 1.49 0.00	31.21 1.32 0.06	26.36 1.18 0.00	25.37 1.05 0.00
CRESCENT___HYD 24018	22.15 0.64 0.00	20.04 0.58 0.00	18.85 0.55 0.00	18.24 0.57 0.00	18.17 0.55 0.00	19.24 0.52 0.00	24.85 0.96 0.00	27.59 1.24 0.00	25.80 1.16 0.00	25.08 1.08 0.00	24.08 0.95 0.00	25.03 0.92 0.00	26.73 0.96 0.09	29.95 1.01 0.00	32.61 1.10 -0.05	37.20 1.19 0.25	41.38 1.78 -0.04	49.76 2.50 -1.74	52.42 2.80 -0.48	46.06 2.54 -0.41	36.25 1.63 0.00	31.26 1.29 -0.03	26.23 1.06 0.00	25.29 0.97 0.00
CRICKET___VALLEY_CC1 323756	22.17 0.67 0.00	19.98 0.53 0.00	18.78 0.48 0.00	18.14 0.46 0.00	18.10 0.48 0.00	19.26 0.54 0.00	24.94 1.05 0.00	27.67 1.32 0.00	26.00 1.35 0.00	25.27 1.27 0.00	24.27 1.13 0.00	25.18 1.06 0.00	26.06 1.11 0.92	30.10 1.16 0.00	32.36 1.20 0.29	34.91 1.23 2.58	41.53 1.90 -0.08	51.24 2.73 -3.00	52.79 2.80 -0.86	46.39 2.54 -0.73	36.08 1.45 0.00	31.23 1.23 -0.05	26.28 1.11 0.00	25.27 0.95 0.00
CRICKET___VALLEY_CC2 323757	22.17 0.67 0.00	19.98 0.53 0.00	18.78 0.48 0.00	18.14 0.46 0.00	18.10 0.48 0.00	19.26 0.54 0.00	24.94 1.05 0.00	27.67 1.32 0.00	26.00 1.35 0.00	25.27 1.27 0.00	24.27 1.13 0.00	25.18 1.06 0.00	26.06 1.11 0.92	30.10 1.16 0.00	32.36 1.20 0.29	34.91 1.23 2.58	41.53 1.90 -0.08	51.24 2.73 -3.00	52.79 2.80 -0.86	46.39 2.54 -0.73	36.08 1.45 0.00	31.23 1.23 -0.05	26.28 1.11 0.00	25.27 0.95 0.00
CRICKET___VALLEY_CC3 323758	22.17 0.67 0.00	19.98 0.53 0.00	18.78 0.48 0.00	18.14 0.46 0.00	18.10 0.48 0.00	19.26 0.54 0.00	24.94 1.05 0.00	27.67 1.32 0.00	26.00 1.35 0.00	25.27 1.27 0.00	24.27 1.13 0.00	25.18 1.06 0.00	26.06 1.11 0.92	30.10 1.16 0.00	32.36 1.20 0.29	34.91 1.23 2.58	41.53 1.90 -0.08	51.24 2.73 -3.00	52.79 2.80 -0.86	46.39 2.54 -0.73	36.08 1.45 0.00	31.23 1.23 -0.05	26.28 1.11 0.00	25.27 0.95 0.00
CRUCIBLE_METL_DRP 24180	21.77 0.26 0.00	19.71 0.25 0.00	18.51 0.20 0.00	17.86 0.18 0.00	17.80 0.18 0.00	18.94 0.22 0.00	24.65 0.76 0.00	27.09 0.74 0.00	25.24 0.59 0.00	23.95 -0.05 0.00	23.16 0.02 0.00	24.19 0.07 0.00	25.95 0.08 0.00	29.08 0.14 0.00	31.59 0.13 0.00	36.40 0.15 0.00	39.95 0.40 0.00	46.10 0.59 0.00	49.92 0.79 0.00	43.76 0.65 0.00	34.90 0.28 0.00	30.01 0.06 0.00	25.25 0.08 0.00	24.39 0.07 0.00
DAHOWA___HYDRO 323763	22.39 0.88 0.00	20.21 0.76 0.00	19.02 0.71 0.00	18.39 0.71 0.00	18.27 0.65 0.00	19.35 0.64 0.00	25.06 1.17 0.00	27.90 1.55 0.00	26.00 1.35 0.00	25.32 1.32 0.00	24.34 1.20 0.00	25.30 1.18 0.00	26.98 1.19 0.08	30.21 1.27 0.00	32.93 1.42 -0.05	37.72 1.67 0.21	41.89 2.29 -0.04	50.48 3.28 -1.69	53.58 3.98 -0.46	47.04 3.54 -0.39	37.12 2.49 0.00	31.92 1.95 -0.03	26.66 1.49 0.00	25.68 1.36 0.00
DANC___LFGE 323619	21.98 0.47 0.00	19.90 0.45 0.00	18.71 0.40 0.00	18.05 0.37 0.00	18.01 0.39 0.00	19.22 0.51 0.00	24.68 0.79 0.00	27.14 0.79 0.00	25.24 0.59 0.00	24.36 0.36 0.00	23.53 0.39 0.00	24.70 0.58 0.00	26.49 0.62 0.00	29.81 0.87 0.00	32.25 0.79 0.00	37.20 0.94 0.00	40.94 1.38 0.00	47.29 1.77 0.00	51.35 2.21 0.00	45.10 1.98 0.00	35.97 1.35 0.00	30.91 0.96 0.00	25.83 0.65 0.00	24.93 0.61 0.00
DANSKAMMER___1 23586	22.58 1.07 0.00	20.31 0.86 0.00	19.11 0.80 0.00	18.40 0.73 0.00	18.31 0.69 0.00	19.47 0.75 0.00	25.25 1.36 0.00	27.98 1.63 0.00	26.25 1.60 0.00	25.41 1.42 0.00	24.47 1.34 0.00	25.40 1.28 0.00	27.32 1.40 -0.05	30.53 1.59 0.00	33.34 1.82 -0.06	38.44 2.03 -0.15	42.26 2.69 -0.01	52.54 3.59 -3.43	53.03 3.73 -0.16	46.57 3.32 -0.14	36.53 1.90 0.00	31.66 1.71 -0.01	26.76 1.59 0.00	25.73 1.41 0.00
DANSKAMMER___2 23589	22.58 1.07 0.00	20.31 0.86 0.00	19.11 0.80 0.00	18.40 0.73 0.00	18.31 0.69 0.00	19.47 0.75 0.00	25.25 1.36 0.00	27.98 1.63 0.00	26.25 1.60 0.00	25.41 1.42 0.00	24.47 1.34 0.00	25.40 1.28 0.00	27.32 1.40 -0.05	30.53 1.59 0.00	33.34 1.82 -0.06	38.44 2.03 -0.15	42.26 2.69 -0.01	52.54 3.59 -3.43	53.03 3.73 -0.16	46.57 3.32 -0.14	36.53 1.90 0.00	31.66 1.71 -0.01	26.76 1.59 0.00	25.73 1.41 0.00
DANSKAMMER___3 23590	22.58 1.07 0.00	20.31 0.86 0.00	19.11 0.80 0.00	18.40 0.73 0.00	18.31 0.69 0.00	19.47 0.75 0.00	25.25 1.36 0.00	27.98 1.63 0.00	26.25 1.60 0.00	25.41 1.42 0.00	24.47 1.34 0.00	25.40 1.28 0.00	27.32 1.40 -0.05	30.53 1.59 0.00	33.34 1.82 -0.06	38.44 2.03 -0.15	42.26 2.69 -0.01	52.54 3.59 -3.43	53.03 3.73 -0.16	46.57 3.32 -0.14	36.53 1.90 0.00	31.66 1.71 -0.01	26.76 1.59 0.00	25.73 1.41 0.00
DANSKAMMER___4 23591	22.58 1.07 0.00	20.31 0.86 0.00	19.11 0.80 0.00	18.40 0.73 0.00	18.31 0.69 0.00	19.47 0.75 0.00	25.25 1.36 0.00	27.98 1.63 0.00	26.25 1.60 0.00	25.41 1.42 0.00	24.47 1.34 0.00	25.40 1.28 0.00	27.32 1.40 -0.05	30.53 1.59 0.00	33.34 1.82 -0.06	38.44 2.03 -0.15	42.26 2.69 -0.01	52.54 3.59 -3.43	53.03 3.73 -0.16	46.57 3.32 -0.14	36.53 1.90 0.00	31.66 1.71 -0.01	26.76 1.59 0.00	25.73 1.41 0.00
DANSKAMMER___DIESEL 23592	22.58 1.08 0.00	20.31 0.86 0.00	19.11 0.81 0.00	18.40 0.72 0.00	18.31 0.69 0.00	19.48 0.77 0.00	25.25 1.36 0.00	27.98 1.63 0.00	26.25 1.60 0.00	25.41 1.42 0.00	24.48 1.34 0.00	25.40 1.28 0.00	27.32 1.40 -0.05	30.53 1.59 0.00	33.31 1.79 -0.06	38.51 2.10 -0.15	42.54 2.97 -0.01	52.54 3.60 -3.43	53.08 3.78 -0.16	46.57 3.32 -0.14	36.53 1.90 0.00	31.67 1.71 -0.01	26.76 1.59 0.00	25.75 1.43 0.00

DARBY___SOLAR 323810	22.35 0.84 0.00	20.20 0.74 0.00	18.98 0.68 0.00	18.35 0.67 0.00	18.25 0.63 0.00	19.33 0.62 0.00	25.01 1.12 0.00	27.82 1.47 0.00	25.98 1.33 0.00	25.27 1.27 0.00	24.31 1.18 0.00	25.25 1.13 0.00	26.98 1.19 0.08	30.21 1.27 0.00	32.93 1.42 -0.05	37.67 1.63 0.21	41.85 2.25 -0.04	50.31 3.10 -1.70	53.34 3.73 -0.46	46.83 3.32 -0.40	36.94 2.32 0.00	31.80 1.83 -0.03	26.59 1.41 0.00	25.61 1.29 0.00
DASHVILLE___HYD 23610	22.28 0.77 0.00	20.04 0.58 0.00	18.87 0.57 0.00	18.21 0.53 0.00	18.11 0.49 0.00	19.24 0.52 0.00	24.80 0.91 0.00	27.43 1.08 0.00	25.68 1.04 0.00	24.88 0.89 0.00	23.97 0.83 0.00	24.89 0.77 0.00	27.00 1.11 -0.02	29.81 0.87 0.00	32.80 1.29 -0.04	37.69 1.38 -0.05	41.67 2.10 -0.02	50.13 2.50 -2.12	51.87 2.56 -0.18	45.51 2.24 -0.15	35.49 0.87 0.00	30.92 0.96 -0.01	26.18 1.01 0.00	25.32 1.00 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	23.77 2.26 0.00	21.19 1.73 0.00	19.92 1.61 0.00	18.97 1.29 0.00	19.15 1.53 0.00	20.61 1.89 0.00	27.09 3.20 0.00	30.63 4.27 -0.01	28.82 4.17 -0.01	27.76 3.77 0.00	26.86 3.72 0.00	30.22 3.69 -2.41	31.96 3.93 -2.16	33.38 4.43 -0.02	36.50 4.75 -0.28	42.13 5.62 -0.25	52.89 6.57 -6.77	63.74 7.96 -10.26	64.35 8.40 -6.81	56.51 7.37 -6.02	48.84 5.16 -9.06	39.56 4.58 -5.02	32.78 3.98 -3.62	29.16 3.70 -1.14
DELAWARE___LFGE 323621	22.20 0.69 0.00	20.04 0.58 0.00	18.87 0.57 0.00	18.24 0.57 0.00	18.18 0.56 0.00	19.30 0.58 0.00	24.85 0.96 0.00	27.43 1.08 0.00	25.68 1.04 0.00	24.98 0.98 0.00	24.04 0.90 0.00	25.08 0.96 0.00	26.88 1.01 0.00	30.10 1.16 0.00	32.73 1.29 0.02	37.70 1.45 0.00	41.52 1.98 0.01	47.57 2.41 0.36	51.60 2.56 0.10	45.31 2.28 0.08	36.08 1.45 0.00	31.08 1.14 0.01	26.13 0.96 0.00	25.24 0.92 0.00
DERFIELD_115KV_TB7 355931	21.55 0.04 0.00	19.49 0.04 0.00	18.34 0.04 0.00	17.71 0.04 0.00	17.66 0.04 0.00	18.75 0.04 0.00	23.94 0.05 0.00	26.40 0.05 0.00	24.69 0.05 0.00	24.07 0.07 0.00	23.20 0.07 0.00	24.19 0.07 0.00	25.95 0.08 0.00	29.03 0.09 0.00	31.56 0.09 0.00	36.36 0.11 0.00	39.79 0.24 0.00	45.88 0.36 0.00	49.48 0.34 0.00	43.46 0.34 0.00	34.76 0.14 0.00	30.04 0.09 0.00	25.25 0.08 0.00	24.39 0.07 0.00
DOGLEVILLE___HYD 23807	21.70 0.19 0.00	19.63 0.17 0.00	18.45 0.15 0.00	17.82 0.14 0.00	17.74 0.12 0.00	18.87 0.15 0.00	24.10 0.21 0.00	26.38 0.03 0.00	24.67 0.02 0.00	24.09 0.10 0.00	23.25 0.12 0.00	24.29 0.17 0.00	26.05 0.18 0.00	29.14 0.20 0.00	31.71 0.25 0.00	36.47 0.22 0.00	39.91 0.36 0.00	46.01 0.50 0.00	49.63 0.49 0.00	43.59 0.48 0.00	34.87 0.24 0.00	30.13 0.18 0.00	25.35 0.18 0.00	24.51 0.19 0.00
DUNKIRK___115KV_TB_200 55889	22.93 1.42 0.00	20.76 1.30 0.00	19.44 1.13 0.00	18.65 0.97 0.00	18.45 0.83 0.00	19.71 0.99 0.00	25.11 1.22 0.00	27.27 0.92 0.00	25.46 0.81 0.00	25.03 1.03 0.00	24.24 1.11 0.00	25.42 1.30 0.00	27.24 1.37 0.00	30.85 1.91 0.00	33.85 2.39 0.00	39.08 2.83 0.00	42.76 3.20 0.00	49.02 3.50 0.00	52.83 3.69 0.00	46.44 3.32 0.00	36.42 1.80 0.00	31.36 1.41 0.00	26.26 1.08 0.00	26.05 1.73 0.00
DUNKIRK___1 23563	22.93 1.42 0.00	20.76 1.30 0.00	19.44 1.13 0.00	18.65 0.97 0.00	18.45 0.83 0.00	19.71 0.99 0.00	25.11 1.22 0.00	27.27 0.92 0.00	25.46 0.81 0.00	25.03 1.03 0.00	24.24 1.11 0.00	25.42 1.30 0.00	27.24 1.37 0.00	30.85 1.91 0.00	33.85 2.39 0.00	39.08 2.83 0.00	42.76 3.20 0.00	49.02 3.50 0.00	52.83 3.69 0.00	46.44 3.32 0.00	36.42 1.80 0.00	31.36 1.41 0.00	26.26 1.08 0.00	26.05 1.73 0.00
DUNKIRK___2 23564	22.93 1.42 0.00	20.76 1.30 0.00	19.44 1.13 0.00	18.65 0.97 0.00	18.45 0.83 0.00	19.71 0.99 0.00	25.11 1.22 0.00	27.27 0.92 0.00	25.46 0.81 0.00	25.03 1.03 0.00	24.24 1.11 0.00	25.42 1.30 0.00	27.24 1.37 0.00	30.85 1.91 0.00	33.85 2.39 0.00	39.08 2.83 0.00	42.76 3.20 0.00	49.02 3.50 0.00	52.83 3.69 0.00	46.44 3.32 0.00	36.42 1.80 0.00	31.36 1.41 0.00	26.26 1.08 0.00	26.05 1.73 0.00
DUNKIRK___3 23565	22.82 1.31 0.00	20.66 1.21 0.00	19.35 1.04 0.00	18.56 0.88 0.00	18.38 0.76 0.00	19.62 0.90 0.00	25.01 1.12 0.00	27.17 0.82 0.00	25.38 0.74 0.00	24.93 0.94 0.00	24.15 1.02 0.00	25.30 1.18 0.00	27.09 1.22 0.00	30.68 1.74 0.00	33.67 2.20 0.00	38.83 2.57 0.00	42.52 2.97 0.00	48.75 3.23 0.00	52.48 3.34 0.00	46.18 3.06 0.00	36.25 1.63 0.00	31.21 1.26 0.00	26.16 0.98 0.00	25.93 1.61 0.00
DUNKIRK___4 23566	22.88 1.38 0.00	20.72 1.26 0.00	19.40 1.10 0.00	18.62 0.94 0.00	18.41 0.79 0.00	19.67 0.95 0.00	25.06 1.17 0.00	27.19 0.84 0.00	25.38 0.74 0.00	24.93 0.94 0.00	24.17 1.04 0.00	25.35 1.23 0.00	27.16 1.29 0.00	30.73 1.79 0.00	33.73 2.27 0.00	38.94 2.68 0.00	42.60 3.05 0.00	48.84 3.32 0.00	52.58 3.44 0.00	46.26 3.15 0.00	36.32 1.70 0.00	31.27 1.32 0.00	26.21 1.03 0.00	26.00 1.68 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	22.56 1.05 0.00	20.23 0.78 0.00	19.06 0.75 0.00	18.35 0.67 0.00	18.31 0.69 0.00	19.56 0.84 0.00	25.40 1.51 0.00	28.25 1.90 0.00	26.59 1.95 0.00	25.84 1.85 0.00	24.87 1.73 0.00	25.85 1.74 0.00	27.78 1.84 -0.07	30.91 1.97 0.00	33.81 2.08 -0.27	38.85 2.36 -0.24	42.87 3.20 -0.11	53.43 3.96 -3.95	54.50 4.13 -1.24	47.79 3.62 -1.06	36.77 2.15 0.00	31.93 1.92 -0.07	26.86 1.69 0.00	25.80 1.48 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	22.43 0.92 0.00	20.18 0.72 0.00	18.98 0.68 0.00	18.30 0.62 0.00	18.20 0.58 0.00	19.39 0.67 0.00	25.08 1.19 0.00	27.80 1.45 0.00	26.07 1.43 0.00	25.29 1.30 0.00	24.36 1.23 0.00	25.30 1.18 0.00	27.21 1.29 -0.05	30.36 1.42 0.00	33.01 1.60 0.06	38.22 1.85 -0.12	42.17 2.65 0.04	52.34 3.19 -3.64	52.07 3.34 0.41	45.69 2.93 0.35	36.25 1.63 0.00	31.42 1.50 0.02	26.54 1.36 0.00	25.56 1.24 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	22.60 1.10 0.00	20.27 0.82 0.00	19.07 0.77 0.00	18.39 0.71 0.00	18.34 0.72 0.00	19.56 0.84 0.00	25.45 1.58 0.02	28.28 1.95 0.02	26.71 2.07 0.01	25.96 1.97 0.01	24.95 1.83 0.01	25.97 1.86 0.01	27.87 1.94 -0.06	30.96 2.03 0.01	33.86 2.14 -0.26	38.82 2.32 -0.24	42.71 3.05 -0.11	53.20 3.73 -3.95	54.11 3.73 -1.24	47.36 3.19 -1.06	36.63 2.01 0.00	31.92 1.92 -0.05	26.96 1.79 0.00	25.85 1.53 0.00
E179THST_13_KV_LOAD 356214	22.69 1.18 0.00	20.35 0.89 0.00	19.15 0.84 0.00	18.44 0.76 0.00	18.40 0.78 0.00	19.62 0.90 0.00	25.55 1.67 0.02	28.41 2.08 0.02	26.83 2.19 0.01	26.08 2.09 0.01	25.07 1.94 0.01	26.09 1.98 0.01	28.00 2.07 -0.06	31.10 2.17 0.01	34.02 2.30 -0.26	39.00 2.50 -0.24	42.91 3.24 -0.11	53.51 4.05 -3.95	54.45 4.08 -1.24	47.62 3.45 -1.06	36.80 2.18 0.00	32.07 2.07 -0.05	27.07 1.89 0.00	25.97 1.65 0.00

EAST HAMPTON___GT 23717	24.02 2.52 0.00	21.42 1.96 0.00	20.12 1.81 0.00	19.14 1.47 0.00	19.33 1.71 0.00	20.83 2.11 0.00	27.35 3.46 0.00	31.00 4.64 -0.01	29.17 4.51 -0.01	28.10 4.10 0.00	27.21 4.07 -0.01	30.58 4.05 -2.41	32.32 4.30 -2.16	33.79 4.83 -0.02	36.59 4.84 -0.28	41.48 4.97 -0.25	52.46 6.13 -6.77	64.01 8.24 -10.26	64.25 8.31 -6.81	56.72 7.59 -6.02	49.29 5.61 -9.06	39.70 4.73 -5.02	33.03 4.23 -3.62	29.43 3.97 -1.14
EAST RIVER___6 23660	22.60 1.10 0.00	20.31 0.86 0.00	19.11 0.80 0.00	18.40 0.73 0.00	18.34 0.72 0.00	19.58 0.86 0.00	25.52 1.63 0.00	28.38 2.03 0.00	26.84 2.19 0.00	26.08 2.09 0.00	25.05 1.92 0.00	26.10 1.98 0.00	28.01 2.07 -0.07	31.11 2.17 0.00	34.06 2.33 -0.27	38.96 2.47 -0.24	42.83 3.17 -0.11	53.79 4.33 -3.95	54.70 4.33 -1.24	47.97 3.79 -1.06	36.84 2.22 0.00	31.99 1.98 -0.07	27.01 1.84 0.00	25.88 1.56 0.00
EAST RIVER___7 23524	22.60 1.10 0.00	20.31 0.86 0.00	19.11 0.80 0.00	18.40 0.73 0.00	18.34 0.72 0.00	19.58 0.86 0.00	25.52 1.63 0.00	28.38 2.03 0.00	26.84 2.19 0.00	26.08 2.09 0.00	25.05 1.92 0.00	26.10 1.98 0.00	28.01 2.07 -0.07	31.11 2.17 0.00	34.06 2.33 -0.27	38.96 2.47 -0.24	42.83 3.17 -0.11	53.79 4.33 -3.95	54.70 4.33 -1.24	47.97 3.79 -1.06	36.84 2.22 0.00	31.99 1.98 -0.07	27.01 1.84 0.00	25.88 1.56 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	22.52 1.01 0.00	20.21 0.76 0.00	19.02 0.71 0.00	18.33 0.65 0.00	18.29 0.67 0.00	19.52 0.80 0.00	25.35 1.46 0.00	28.17 1.82 0.00	26.52 1.87 0.00	25.75 1.75 0.00	24.78 1.64 0.00	25.76 1.64 0.00	27.67 1.73 -0.07	30.79 1.85 0.00	33.72 1.98 -0.28	38.74 2.25 -0.24	42.75 3.09 -0.11	53.36 3.82 -4.03	54.39 3.98 -1.27	47.69 3.49 -1.09	36.66 2.04 0.00	31.85 1.83 -0.07	26.79 1.61 0.00	25.73 1.41 0.00
EAST_HAMPTON___DIESEL 23722	24.02 2.52 0.00	21.42 1.96 0.00	20.12 1.81 0.00	19.14 1.47 0.00	19.35 1.73 0.00	20.83 2.11 0.00	27.38 3.49 0.00	31.02 4.66 -0.01	29.17 4.51 -0.01	28.10 4.10 0.00	27.24 4.10 -0.01	30.60 4.08 -2.41	32.32 4.30 -2.16	33.79 4.83 -0.02	36.59 4.84 -0.28	41.48 4.97 -0.25	52.50 6.17 -6.77	64.01 8.24 -10.26	64.25 8.31 -6.81	56.72 7.59 -6.02	49.29 5.61 -9.06	39.70 4.73 -5.02	33.06 4.26 -3.62	29.45 3.99 -1.14
EAST_PULASKI___ESR 323781	21.98 0.47 0.00	19.88 0.43 0.00	18.69 0.38 0.00	18.03 0.35 0.00	17.97 0.35 0.00	19.15 0.43 0.00	24.61 0.72 0.00	27.06 0.71 0.00	25.19 0.54 0.00	24.26 0.26 0.00	23.46 0.32 0.00	24.60 0.48 0.00	26.39 0.52 0.00	29.63 0.69 0.00	32.00 0.53 0.00	36.84 0.58 0.00	40.46 0.91 0.00	46.79 1.27 0.00	50.76 1.62 0.00	44.54 1.42 0.00	35.49 0.87 0.00	30.43 0.48 0.00	25.71 0.53 0.00	24.83 0.51 0.00
EAST_RIVER___1 323558	22.62 1.12 0.00	20.31 0.86 0.00	19.09 0.79 0.00	18.39 0.71 0.00	18.34 0.72 0.00	19.58 0.86 0.00	25.52 1.63 0.00	28.35 2.00 0.00	26.77 2.12 0.00	26.01 2.02 0.00	25.01 1.87 0.00	26.02 1.90 0.00	27.93 1.99 -0.07	31.02 2.08 0.00	33.97 2.23 -0.27	38.85 2.36 -0.24	42.67 3.00 -0.11	53.56 4.10 -3.95	54.50 4.13 -1.24	47.79 3.62 -1.06	36.77 2.15 0.00	31.96 1.95 -0.07	26.99 1.81 0.00	25.90 1.58 0.00
EAST_RIVER___2 323559	22.60 1.10 0.00	20.31 0.86 0.00	19.11 0.80 0.00	18.40 0.73 0.00	18.34 0.72 0.00	19.58 0.86 0.00	25.52 1.63 0.00	28.38 2.03 0.00	26.84 2.19 0.00	26.08 2.09 0.00	25.05 1.92 0.00	26.10 1.98 0.00	28.01 2.07 -0.07	31.11 2.17 0.00	34.06 2.33 -0.27	38.96 2.47 -0.24	42.83 3.17 -0.11	53.79 4.33 -3.95	54.70 4.33 -1.24	47.97 3.79 -1.06	36.84 2.22 0.00	31.99 1.98 -0.07	27.01 1.84 0.00	25.88 1.56 0.00
EAST___DELAWARE_HYD 23607	22.15 0.64 0.00	19.94 0.49 0.00	18.76 0.46 0.00	18.07 0.39 0.00	17.95 0.33 0.00	19.11 0.39 0.00	24.70 0.81 0.00	27.46 1.11 0.00	25.73 1.08 0.00	24.91 0.91 0.00	23.99 0.86 0.00	24.96 0.84 0.00	26.80 0.91 -0.03	30.01 1.07 0.00	32.69 1.26 0.03	37.70 1.38 -0.07	41.47 1.94 0.02	48.58 2.59 -0.47	51.54 2.65 0.25	45.23 2.33 0.21	35.83 1.21 0.00	31.07 1.14 0.01	26.28 1.11 0.00	25.29 0.97 0.00
EIGHT_POINT___WT_PWR 323820	22.93 1.42 0.00	20.70 1.25 0.00	19.44 1.14 0.00	18.70 1.02 0.00	18.55 0.93 0.00	19.84 1.12 0.00	25.42 1.53 0.00	27.74 1.40 0.00	25.95 1.31 0.00	25.27 1.27 0.00	24.47 1.34 0.00	25.61 1.50 0.00	27.42 1.55 0.00	30.91 1.97 0.00	33.79 2.33 0.00	38.98 2.72 0.00	42.91 3.36 0.00	49.34 3.82 0.00	53.47 4.33 0.00	46.86 3.75 0.00	36.87 2.25 0.00	31.69 1.74 0.00	26.64 1.46 0.00	26.14 1.82 0.00
ELBRIDGE_115KV_TB2 80188	21.61 0.11 0.00	19.55 0.10 0.00	18.36 0.05 0.00	17.73 0.05 0.00	17.66 0.04 0.00	18.79 0.07 0.00	24.80 0.91 0.00	27.27 0.92 0.00	25.41 0.76 0.00	23.71 -0.29 0.00	22.90 -0.23 0.00	23.90 -0.22 0.00	25.66 -0.21 0.00	28.77 -0.17 0.00	31.24 -0.22 0.00	36.04 -0.22 0.00	39.48 -0.08 0.00	45.56 0.05 0.00	49.34 0.20 0.00	43.24 0.13 0.00	34.48 -0.14 0.00	29.71 -0.24 0.00	24.98 -0.20 0.00	24.15 -0.17 0.00
ELEC_TRO_TEK 24086	22.71 1.20 0.00	20.29 0.84 0.00	19.06 0.75 0.00	18.26 0.58 0.00	18.34 0.72 0.00	19.65 0.94 0.00	25.68 1.79 0.00	28.64 2.29 0.00	26.94 2.29 0.00	26.06 2.06 0.00	25.19 2.06 0.00	28.58 2.05 -2.41	30.20 2.17 -2.16	31.30 2.34 -0.02	34.19 2.45 -0.27	39.36 2.86 -0.24	49.96 3.64 -6.76	60.18 4.41 -10.25	60.60 4.67 -6.80	53.22 4.10 -6.01	46.23 2.56 -9.05	37.27 2.31 -5.01	30.88 2.09 -3.61	27.38 1.92 -1.14
ELLENBURG_WT_PWR 323604	20.69 -0.82 0.00	18.76 -0.70 0.00	17.63 -0.68 0.00	16.99 -0.69 0.00	17.02 -0.60 0.00	18.17 -0.54 0.00	23.29 -0.60 0.00	25.95 -0.39 0.00	24.40 -0.25 0.00	23.95 -0.05 0.00	23.25 0.12 0.00	24.33 0.22 0.00	26.16 0.29 0.00	29.34 0.40 0.00	31.87 0.41 0.00	36.91 0.65 0.00	39.87 0.31 0.00	45.51 0.00 0.00	48.89 -0.24 0.00	42.68 -0.43 0.00	34.93 0.31 0.00	30.13 0.18 0.00	25.40 0.23 0.00	24.47 0.15 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	22.58 1.08 0.00	20.47 1.01 0.00	19.17 0.86 0.00	18.39 0.71 0.00	18.20 0.58 0.00	19.41 0.69 0.00	24.68 0.79 0.00	26.69 0.34 0.00	24.87 0.22 0.00	24.43 0.43 0.00	23.67 0.53 0.00	24.82 0.70 0.00	26.62 0.75 0.00	30.13 1.19 0.00	33.04 1.57 0.00	38.14 1.89 0.00	41.69 2.14 0.00	47.74 2.23 0.00	51.40 2.26 0.00	45.27 2.16 0.00	35.59 0.97 0.00	30.67 0.72 0.00	25.73 0.55 0.00	25.61 1.29 0.00
EMPIRE_CC_1 323656	21.81 0.30 0.00	19.82 0.37 0.00	18.65 0.35 0.00	18.05 0.37 0.00	17.97 0.35 0.00	19.04 0.32 0.00	24.49 0.60 0.00	27.14 0.79 0.00	25.41 0.76 0.00	24.69 0.70 0.00	23.71 0.58 0.00	24.63 0.51 0.00	26.29 0.54 0.12	29.46 0.52 0.00	32.01 0.50 -0.05	36.37 0.44 0.32	40.55 0.95 -0.05	49.04 1.55 -1.98	51.36 1.67 -0.55	45.13 1.55 -0.47	35.45 0.83 0.00	30.64 0.66 -0.03	25.76 0.58 0.00	24.83 0.51 0.00

EMPIRE_CC_2 323658	21.81 0.30 0.00	19.82 0.37 0.00	18.65 0.35 0.00	18.05 0.37 0.00	17.97 0.35 0.00	19.04 0.32 0.00	24.49 0.60 0.00	27.14 0.79 0.00	25.41 0.76 0.00	24.69 0.70 0.00	23.71 0.58 0.00	24.63 0.51 0.00	26.29 0.54 0.12	29.46 0.52 0.00	32.01 0.50 -0.05	36.37 0.44 0.32	40.55 0.95 -0.05	49.04 1.55 -1.98	51.36 1.67 -0.55	45.13 1.55 -0.47	35.45 0.83 0.00	30.64 0.66 -0.03	25.76 0.58 0.00	24.83 0.51 0.00
ENORWICH_115KV_TB1 80156	23.12 1.61 0.00	20.93 1.48 0.00	19.70 1.39 0.00	18.99 1.31 0.00	18.91 1.29 0.00	20.29 1.57 0.00	26.21 2.32 0.00	28.83 2.48 0.00	26.76 2.12 0.00	25.84 1.85 0.00	24.78 1.64 0.00	26.07 1.95 0.00	27.91 2.04 0.00	31.51 2.58 0.00	34.36 2.89 0.00	39.81 3.55 0.00	44.10 4.55 0.00	51.25 5.73 0.00	55.58 6.44 0.00	48.85 5.73 0.00	38.60 3.98 0.00	32.83 2.88 0.00	27.37 2.19 0.00	26.46 2.14 0.00
ERIE_ST__34_KV_TB1-2 80199	23.12 1.61 0.00	20.93 1.48 0.00	19.59 1.28 0.00	18.81 1.13 0.00	18.61 0.99 0.00	19.86 1.14 0.00	25.32 1.43 0.00	27.46 1.11 0.00	25.41 0.76 0.00	24.98 0.98 0.00	24.22 1.09 0.00	25.42 1.30 0.00	27.42 1.55 0.00	31.05 2.11 0.00	34.11 2.64 0.00	39.34 3.08 0.00	43.07 3.52 0.00	49.35 3.82 -0.02	53.14 3.98 -0.02	46.79 3.66 -0.02	36.70 2.08 0.00	31.60 1.65 0.00	26.49 1.31 0.00	26.31 1.99 0.00
ERIE_WT_PWR 323693	22.80 1.29 0.00	20.56 1.11 0.00	19.33 1.02 0.00	18.56 0.88 0.00	18.36 0.74 0.00	19.60 0.88 0.00	24.94 1.05 0.00	27.01 0.66 0.00	25.14 0.49 0.00	24.69 0.70 0.00	23.94 0.81 0.00	25.11 0.99 0.00	26.96 1.09 0.00	30.53 1.59 0.00	33.45 1.98 0.00	38.65 2.39 0.00	42.44 2.89 0.00	48.43 2.92 0.00	52.34 3.19 0.00	45.92 2.80 0.00	36.01 1.39 0.00	31.06 1.11 0.00	26.06 0.88 0.00	25.92 1.60 0.00
ESPRGFLD_115KV_TB1 80157	22.39 0.88 0.00	20.21 0.76 0.00	19.06 0.75 0.00	18.40 0.72 0.00	18.34 0.72 0.00	19.52 0.80 0.00	25.16 1.27 0.00	27.80 1.45 0.00	26.00 1.36 0.00	25.29 1.30 0.00	24.29 1.16 0.00	25.42 1.30 0.00	27.27 1.40 0.00	30.56 1.62 0.00	33.21 1.76 0.02	38.28 2.03 0.00	42.24 2.69 0.01	48.43 3.28 0.36	52.58 3.54 0.10	46.13 3.10 0.09	36.66 2.04 0.00	31.50 1.56 0.01	26.41 1.23 0.00	25.49 1.17 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	22.17 0.67 0.00	20.06 0.60 0.00	18.84 0.53 0.00	18.17 0.49 0.00	18.11 0.49 0.00	19.30 0.58 0.00	24.92 1.03 0.00	27.43 1.08 0.00	25.56 0.91 0.00	24.62 0.62 0.00	23.76 0.62 0.00	24.82 0.70 0.00	26.62 0.75 0.00	29.89 0.95 0.00	32.56 1.10 0.00	37.56 1.31 0.00	41.33 1.78 0.00	47.79 2.28 0.00	51.79 2.65 0.00	45.44 2.33 0.00	36.08 1.45 0.00	30.97 1.02 0.00	25.98 0.81 0.00	25.15 0.83 0.00
ETNA_____115KV_TB2 80207	22.17 0.67 0.00	20.06 0.60 0.00	18.84 0.53 0.00	18.17 0.49 0.00	18.11 0.49 0.00	19.30 0.58 0.00	24.92 1.03 0.00	27.43 1.08 0.00	25.56 0.91 0.00	24.62 0.62 0.00	23.76 0.62 0.00	24.82 0.70 0.00	26.62 0.75 0.00	29.89 0.95 0.00	32.56 1.10 0.00	37.56 1.31 0.00	41.33 1.78 0.00	47.79 2.28 0.00	51.79 2.65 0.00	45.44 2.33 0.00	36.08 1.45 0.00	30.97 1.02 0.00	25.98 0.81 0.00	25.15 0.83 0.00
EUCLID__115KV_TB2 356179	21.46 -0.04 0.00	19.42 -0.04 0.00	18.25 -0.05 0.00	17.61 -0.07 0.00	17.55 -0.07 0.00	18.66 -0.06 0.00	23.89 0.00 0.00	26.22 -0.13 0.00	24.45 -0.20 0.00	23.68 -0.31 0.00	22.88 -0.25 0.00	23.88 -0.24 0.00	25.61 -0.26 0.00	28.68 -0.26 0.00	31.18 -0.28 0.00	35.97 -0.29 0.00	39.40 -0.16 0.00	45.47 -0.05 0.00	49.14 0.00 0.00	43.11 0.00 0.00	34.38 -0.24 0.00	29.59 -0.36 0.00	24.88 -0.30 0.00	24.08 -0.24 0.00
E_CANADA_CAP_HY 24051	23.19 1.68 0.00	20.95 1.50 0.00	19.72 1.41 0.00	19.06 1.38 0.00	18.91 1.29 0.00	20.08 1.37 0.00	26.13 2.24 0.00	29.22 2.87 0.00	27.11 2.46 0.00	26.35 2.35 0.00	25.29 2.15 0.00	26.22 2.10 0.00	28.11 2.30 0.06	31.46 2.52 0.00	34.51 2.99 -0.06	39.87 3.77 0.15	44.58 4.98 -0.04	53.70 6.56 -1.63	57.20 7.62 -0.44	50.21 6.72 -0.38	39.40 4.78 0.00	33.72 3.74 -0.02	27.90 2.72 0.00	26.83 2.51 0.00
E_CANADA_MHWK_HY 24050	21.70 0.19 0.00	19.63 0.17 0.00	18.45 0.15 0.00	17.82 0.14 0.00	17.74 0.12 0.00	18.87 0.15 0.00	24.10 0.21 0.00	26.38 0.03 0.00	24.67 0.02 0.00	24.09 0.10 0.00	23.25 0.12 0.00	24.29 0.17 0.00	26.05 0.18 0.00	29.14 0.20 0.00	31.71 0.25 0.00	36.47 0.22 0.00	39.91 0.36 0.00	46.01 0.50 0.00	49.63 0.49 0.00	43.59 0.48 0.00	34.87 0.24 0.00	30.13 0.18 0.00	25.35 0.18 0.00	24.51 0.19 0.00
E_FISHKILL__LBMP 23776	22.37 0.86 0.00	20.12 0.66 0.00	18.95 0.64 0.00	18.26 0.58 0.00	18.22 0.60 0.00	19.41 0.69 0.00	25.16 1.27 0.00	27.93 1.58 0.00	26.27 1.63 0.00	25.53 1.54 0.00	24.54 1.41 0.00	25.49 1.37 0.00	27.42 1.47 -0.08	30.50 1.56 0.00	33.32 1.64 -0.22	38.35 1.85 -0.25	42.29 2.65 -0.08	52.04 3.28 -3.25	53.51 3.44 -0.93	46.92 3.02 -0.79	36.39 1.77 0.00	31.56 1.56 -0.05	26.56 1.38 0.00	25.56 1.24 0.00
FALCON__SEABRD_CC1 323796	20.88 -0.62 0.00	18.93 -0.52 0.00	17.79 -0.51 0.00	17.15 -0.53 0.00	17.18 -0.44 0.00	18.36 -0.36 0.00	23.53 -0.36 0.00	26.24 -0.10 0.00	24.69 0.05 0.00	24.21 0.22 0.00	23.50 0.37 0.00	24.60 0.48 0.00	26.44 0.57 0.00	29.69 0.75 0.00	32.25 0.79 0.00	37.38 1.13 0.00	40.39 0.83 0.00	46.15 0.64 0.00	49.58 0.44 0.00	43.24 0.13 0.00	35.38 0.76 0.00	30.49 0.54 0.00	25.71 0.53 0.00	24.76 0.44 0.00
FALCON__SEABRD_CC2 323797	20.88 -0.62 0.00	18.93 -0.52 0.00	17.79 -0.51 0.00	17.15 -0.53 0.00	17.18 -0.44 0.00	18.36 -0.36 0.00	23.53 -0.36 0.00	26.24 -0.10 0.00	24.69 0.05 0.00	24.21 0.22 0.00	23.50 0.37 0.00	24.60 0.48 0.00	26.44 0.57 0.00	29.69 0.75 0.00	32.25 0.79 0.00	37.38 1.13 0.00	40.39 0.83 0.00	46.15 0.64 0.00	49.58 0.44 0.00	43.24 0.13 0.00	35.38 0.76 0.00	30.49 0.54 0.00	25.71 0.53 0.00	24.76 0.44 0.00
FAR ROCKAWAY__4 23548	22.99 1.48 0.00	20.53 1.07 0.00	19.28 0.97 0.00	18.46 0.78 0.00	18.54 0.92 0.00	19.88 1.16 0.00	25.97 2.08 0.00	28.96 2.61 0.00	27.26 2.61 0.00	26.32 2.33 0.00	25.52 2.38 0.00	28.94 2.41 -2.41	30.59 2.56 -2.16	31.65 2.69 -0.02	34.57 2.83 -0.27	39.87 3.37 -0.24	50.59 4.27 -6.76	60.91 5.14 -10.25	61.34 5.41 -6.80	53.91 4.79 -6.01	46.75 3.08 -9.05	37.66 2.70 -5.01	31.21 2.42 -3.61	27.75 2.29 -1.14
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	22.65 1.14 0.00	20.29 0.84 0.00	19.09 0.79 0.00	18.39 0.71 0.00	18.34 0.72 0.00	19.60 0.88 0.00	25.51 1.62 0.00	28.35 2.00 0.00	26.76 2.12 0.00	26.01 2.02 0.00	25.01 1.87 0.00	26.02 1.91 0.00	27.93 1.99 -0.07	31.02 2.08 0.00	33.94 2.20 -0.27	38.93 2.43 -0.24	42.99 3.32 -0.11	53.56 4.10 -3.95	54.60 4.23 -1.24	47.83 3.66 -1.06	36.80 2.18 0.00	31.96 1.95 -0.07	26.99 1.81 0.00	25.90 1.58 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	22.65 1.14 0.00	20.31 0.86 0.00	19.11 0.81 0.00	18.39 0.71 0.00	18.34 0.72 0.00	19.60 0.88 0.00	25.51 1.62 0.00	28.35 2.00 0.00	26.76 2.12 0.00	26.01 2.02 0.00	25.01 1.87 0.00	26.02 1.91 0.00	27.93 1.99 -0.07	31.02 2.08 0.00	33.94 2.20 -0.27	38.93 2.43 -0.24	42.99 3.32 -0.11	53.56 4.10 -3.95	54.60 4.23 -1.24	47.83 3.66 -1.06	36.80 2.18 0.00	31.96 1.95 -0.07	26.99 1.81 0.00	25.90 1.58 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	22.63 1.12 0.00	20.29 0.84 0.00	19.09 0.79 0.00	18.39 0.71 0.00	18.33 0.70 0.00	19.60 0.88 0.00	25.51 1.62 0.00	28.33 1.98 0.00	26.74 2.09 0.00	25.99 1.99 0.00	24.98 1.85 0.00	26.00 1.88 0.00	27.90 1.97 -0.07	30.99 2.05 0.00	33.91 2.17 -0.27	38.89 2.39 -0.24	42.95 3.28 -0.11	53.51 4.05 -3.95	54.55 4.18 -1.24	47.79 3.62 -1.06	36.77 2.15 0.00	31.93 1.92 -0.07	26.99 1.81 0.00	25.88 1.56 0.00
FARRAGUT___LBMP 323566	22.63 1.12 0.00	20.27 0.82 0.00	19.07 0.77 0.00	18.37 0.69 0.00	18.33 0.70 0.00	19.58 0.86 0.00	25.49 1.60 0.00	28.30 1.95 0.00	26.72 2.07 0.00	25.96 1.97 0.00	24.96 1.83 0.00	25.97 1.86 0.00	27.90 1.97 -0.07	30.97 2.03 0.00	33.88 2.14 -0.27	38.85 2.36 -0.24	42.95 3.28 -0.11	53.47 4.01 -3.95	54.50 4.13 -1.24	47.75 3.58 -1.06	36.73 2.11 0.00	31.93 1.92 -0.07	26.96 1.79 0.00	25.88 1.56 0.00
FENNER___WINDPWR 24204	22.00 0.50 0.00	19.90 0.45 0.00	18.73 0.42 0.00	18.07 0.39 0.00	18.01 0.39 0.00	19.20 0.49 0.00	24.63 0.74 0.00	27.06 0.71 0.00	25.26 0.62 0.00	24.50 0.50 0.00	23.62 0.49 0.00	24.70 0.58 0.00	26.49 0.62 0.00	29.72 0.78 0.00	32.34 0.88 0.00	37.27 1.01 0.00	40.94 1.38 0.00	47.24 1.73 0.00	51.11 1.97 0.00	44.84 1.73 0.00	35.70 1.07 0.00	30.67 0.72 0.00	25.73 0.55 0.00	24.88 0.56 0.00
FIBERTEK___ENERGY 23856	21.77 0.26 0.00	19.71 0.25 0.00	18.51 0.20 0.00	17.86 0.18 0.00	17.80 0.18 0.00	18.94 0.22 0.00	24.65 0.76 0.00	27.09 0.74 0.00	25.24 0.59 0.00	23.95 -0.05 0.00	23.16 0.02 0.00	24.19 0.07 0.00	25.95 0.08 0.00	29.08 0.14 0.00	31.59 0.13 0.00	36.40 0.15 0.00	39.95 0.40 0.00	46.10 0.59 0.00	49.92 0.79 0.00	43.76 0.65 0.00	34.90 0.28 0.00	30.01 0.06 0.00	25.25 0.08 0.00	24.39 0.07 0.00
FITZPATRICK____ 23598	21.14 -0.37 0.00	19.11 -0.35 0.00	17.98 -0.33 0.00	17.34 -0.34 0.00	17.29 -0.34 0.00	18.38 -0.34 0.00	23.34 -0.55 0.00	25.56 -0.79 0.00	23.86 -0.79 0.00	23.25 -0.74 0.00	22.44 -0.69 0.00	23.42 -0.70 0.00	25.12 -0.75 0.00	28.13 -0.81 0.00	30.58 -0.88 0.00	35.28 -0.98 0.00	38.60 -0.95 0.00	44.47 -1.04 0.00	48.06 -1.08 0.00	42.16 -0.95 0.00	33.69 -0.93 0.00	29.08 -0.87 0.00	24.42 -0.75 0.00	23.64 -0.68 0.00
FLOWRFLD_69_KV_BK1 356044	23.21 1.70 0.00	20.70 1.25 0.00	19.44 1.13 0.00	18.56 0.88 0.00	18.71 1.09 0.00	20.12 1.40 0.00	26.45 2.56 0.00	29.81 3.45 -0.01	28.05 3.40 -0.01	27.02 3.02 0.00	26.14 3.01 0.00	29.49 2.97 -2.41	31.18 3.16 -2.16	32.49 3.53 -0.02	35.44 3.68 -0.29	40.79 4.28 -0.26	51.40 5.06 -6.78	61.93 6.14 -10.27	62.44 6.49 -6.81	54.83 5.69 -6.03	47.50 3.81 -9.07	38.49 3.50 -5.03	32.01 3.20 -3.63	28.43 2.97 -1.14
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	22.60 1.10 0.00	20.33 0.88 0.00	19.13 0.82 0.00	18.42 0.74 0.00	18.33 0.70 0.00	19.50 0.79 0.00	25.28 1.39 0.00	28.04 1.69 0.00	26.27 1.63 0.00	25.44 1.44 0.00	24.50 1.36 0.00	25.42 1.30 0.00	27.35 1.42 -0.05	30.56 1.62 0.00	33.40 1.86 -0.08	38.59 2.18 -0.16	42.58 3.01 -0.02	52.55 3.64 -3.40	53.28 3.88 -0.26	46.74 3.41 -0.22	36.56 1.94 0.00	31.73 1.77 -0.01	26.79 1.61 0.00	25.78 1.46 0.00
FORT ORANGE____ 23900	22.00 0.50 0.00	19.90 0.45 0.00	18.73 0.42 0.00	18.12 0.44 0.00	18.04 0.42 0.00	19.00 0.28 0.00	24.44 0.55 0.00	27.11 0.76 0.00	25.36 0.72 0.00	24.64 0.65 0.00	23.69 0.55 0.00	24.60 0.48 0.00	26.38 0.57 0.06	29.37 0.43 0.00	32.06 0.53 -0.06	36.60 0.51 0.16	40.62 1.03 -0.04	48.90 1.64 -1.75	51.47 1.87 -0.46	45.19 1.68 -0.40	35.52 0.90 0.00	30.69 0.72 -0.03	25.76 0.58 0.00	24.93 0.61 0.00
FORT_DRUM_COGEN 23780	22.20 0.69 0.00	20.12 0.66 0.00	18.91 0.60 0.00	18.24 0.57 0.00	18.20 0.58 0.00	19.48 0.77 0.00	25.04 1.15 0.00	27.53 1.19 0.00	25.58 0.94 0.00	24.69 0.70 0.00	23.78 0.65 0.00	25.03 0.92 0.00	26.85 0.98 0.00	30.24 1.30 0.00	32.75 1.29 0.00	37.89 1.63 0.00	41.77 2.22 0.00	48.29 2.78 0.00	52.48 3.34 0.00	46.13 3.02 0.00	36.77 2.15 0.00	31.33 1.38 0.00	26.23 1.06 0.00	25.29 0.97 0.00
FPL_FAR_ROCK_GT1 24212	22.99 1.48 0.00	20.54 1.09 0.00	19.28 0.97 0.00	18.46 0.78 0.00	18.54 0.92 0.00	19.88 1.16 0.00	25.97 2.08 0.00	28.96 2.61 0.00	27.26 2.61 0.00	26.32 2.33 0.00	25.52 2.38 -0.01	28.94 2.41 -2.41	30.59 2.56 -2.16	31.65 2.69 -0.02	34.38 2.64 -0.27	39.18 2.68 -0.24	50.00 3.68 -6.76	60.91 5.14 -10.25	61.09 5.16 -6.80	53.87 4.74 -6.01	46.79 3.12 -9.05	37.63 2.66 -5.01	31.21 2.42 -3.61	27.77 2.31 -1.14
FPL_FAR_ROCK_GT2 23815	22.99 1.48 0.00	20.54 1.09 0.00	19.28 0.97 0.00	18.46 0.78 0.00	18.54 0.92 0.00	19.88 1.16 0.00	25.97 2.08 0.00	28.96 2.61 0.00	27.26 2.61 0.00	26.32 2.33 0.00	25.52 2.38 -0.01	28.94 2.41 -2.41	30.59 2.56 -2.16	31.65 2.69 -0.02	34.38 2.64 -0.27	39.18 2.68 -0.24	50.00 3.68 -6.76	60.91 5.14 -10.25	61.09 5.16 -6.80	53.87 4.74 -6.01	46.79 3.12 -9.05	37.63 2.66 -5.01	31.21 2.42 -3.61	27.77 2.31 -1.14
FRANKLIN_FALL_HYD 24054	20.97 -0.54 0.00	19.03 -0.43 0.00	17.88 -0.42 0.00	17.24 -0.44 0.00	17.29 -0.33 0.00	18.44 -0.28 0.00	23.60 -0.29 0.00	26.27 -0.08 0.00	24.65 0.00 0.00	24.14 0.14 0.00	23.39 0.25 0.00	24.46 0.34 0.00	26.28 0.41 0.00	29.52 0.58 0.00	32.03 0.57 0.00	37.05 0.80 0.00	39.75 0.20 0.00	45.56 0.05 0.00	48.99 -0.15 0.00	42.72 -0.39 0.00	35.14 0.52 0.00	30.34 0.39 0.00	25.58 0.40 0.00	24.54 0.22 0.00
FREEPORT_EQUS_GT1 23764	22.93 1.42 0.00	20.49 1.03 0.00	19.22 0.91 0.00	18.40 0.73 0.00	18.50 0.88 0.00	19.84 1.12 0.00	25.94 2.05 0.00	28.96 2.61 0.00	27.26 2.61 0.00	26.32 2.33 0.00	25.50 2.36 -0.01	28.89 2.36 -2.41	30.53 2.51 -2.16	31.67 2.72 -0.02	34.38 2.64 -0.27	38.96 2.47 -0.24	49.72 3.40 -6.76	60.59 4.82 -10.25	60.75 4.82 -6.80	53.56 4.44 -6.01	46.58 2.91 -9.05	37.63 2.66 -5.01	31.21 2.42 -3.61	27.70 2.24 -1.14
FREEPORT___CT2 23818	22.93 1.42 0.00	20.49 1.03 0.00	19.22 0.91 0.00	18.40 0.73 0.00	18.50 0.88 0.00	19.84 1.12 0.00	25.94 2.05 0.00	28.96 2.61 0.00	27.26 2.61 0.00	26.32 2.33 0.00	25.50 2.36 -0.01	28.89 2.36 -2.41	30.53 2.51 -2.16	31.67 2.72 -0.02	34.38 2.64 -0.27	38.96 2.47 -0.24	49.72 3.40 -6.76	60.59 4.82 -10.25	60.75 4.82 -6.80	53.56 4.44 -6.01	46.58 2.91 -9.05	37.63 2.66 -5.01	31.21 2.42 -3.61	27.70 2.24 -1.14



FRESHKLS_33_KV_LOAD 356253	22.86 1.35 0.00	20.53 1.07 0.00	19.31 1.01 0.00	18.58 0.90 0.00	18.54 0.92 0.00	19.73 1.01 0.00	25.56 1.67 0.00	28.28 1.95 0.02	26.73 2.09 0.01	25.98 1.99 0.01	24.95 1.83 0.01	26.02 1.91 0.01	27.92 1.99 -0.06	30.95 2.20 0.18	31.77 2.42 2.12	36.96 2.65 1.95	41.92 3.36 0.99	47.14 4.19 2.55	42.35 4.23 11.01	37.32 3.62 9.42	36.87 2.25 0.00	31.48 2.16 0.62	26.99 1.81 0.00	26.07 1.75 0.00
FULTON COGEN____ 23766	21.96 0.45 0.00	19.86 0.41 0.00	18.65 0.35 0.00	18.00 0.32 0.00	17.94 0.32 0.00	19.11 0.39 0.00	24.58 0.69 0.00	26.96 0.61 0.00	25.11 0.47 0.00	24.19 0.19 0.00	23.39 0.25 0.00	24.46 0.34 0.00	26.26 0.39 0.00	29.46 0.52 0.00	31.84 0.38 0.00	36.69 0.44 0.00	40.27 0.71 0.00	46.56 1.05 0.00	50.47 1.33 0.00	44.23 1.12 0.00	35.25 0.62 0.00	30.25 0.30 0.00	25.56 0.38 0.00	24.68 0.36 0.00
FULTON____LFGE 323630	23.87 2.37 0.00	21.54 2.08 0.00	20.23 1.92 0.00	19.55 1.87 0.00	19.35 1.73 0.00	20.51 1.80 0.00	26.80 2.91 0.00	29.51 3.16 0.00	27.33 2.69 0.00	26.54 2.54 0.00	25.42 2.29 0.00	26.31 2.19 0.00	28.27 2.46 0.06	31.63 2.69 0.00	34.76 3.24 -0.06	40.27 4.17 0.15	45.21 5.61 -0.04	54.43 7.28 -1.63	58.04 8.45 -0.44	50.95 7.46 -0.38	39.92 5.30 0.00	34.05 4.07 -0.02	28.25 3.07 0.00	27.12 2.80 0.00
G.F.CEMENT____DRP 24184	22.41 0.90 0.00	20.21 0.76 0.00	19.00 0.70 0.00	18.37 0.69 0.00	18.25 0.63 0.00	19.34 0.62 0.00	25.06 1.17 0.00	27.96 1.61 0.00	26.07 1.43 0.00	25.41 1.42 0.00	24.45 1.32 0.00	25.40 1.28 0.00	27.06 1.27 0.08	30.30 1.36 0.00	33.06 1.54 -0.05	37.95 1.89 0.19	42.17 2.57 -0.04	50.60 3.41 -1.68	53.82 4.23 -0.46	47.30 3.79 -0.39	37.36 2.74 0.00	32.10 2.13 -0.02	26.76 1.59 0.00	25.78 1.46 0.00
GARDENVILLE____LBMP 24039	22.69 1.18 0.00	20.56 1.11 0.00	19.24 0.93 0.00	18.47 0.80 0.00	18.27 0.65 0.00	19.50 0.79 0.00	24.80 0.91 0.00	26.85 0.50 0.00	25.02 0.37 0.00	24.57 0.58 0.00	23.80 0.67 0.00	24.96 0.84 0.00	26.78 0.91 0.00	30.30 1.36 0.00	33.26 1.79 0.00	38.36 2.10 0.00	41.97 2.41 0.00	48.11 2.59 0.00	51.79 2.65 0.00	45.57 2.46 0.00	35.83 1.21 0.00	30.85 0.90 0.00	25.88 0.70 0.00	25.75 1.43 0.00
GARDNVLA_35_KV_LD 355827	22.82 1.31 0.00	20.66 1.21 0.00	19.35 1.04 0.00	18.56 0.88 0.00	18.36 0.74 0.00	19.60 0.88 0.00	24.94 1.05 0.00	27.03 0.69 0.00	25.16 0.52 0.00	24.74 0.74 0.00	23.97 0.83 0.00	25.13 1.01 0.00	27.01 1.14 0.00	30.56 1.62 0.00	33.54 2.08 0.00	38.68 2.43 0.00	42.32 2.77 0.00	48.52 3.00 0.00	52.24 3.10 0.00	45.96 2.85 0.00	36.11 1.49 0.00	31.12 1.17 0.00	26.08 0.91 0.00	25.95 1.63 0.00
GELCKHM__115KV_LOAD 80723	21.57 0.06 0.00	19.51 0.06 0.00	18.34 0.04 0.00	17.70 0.02 0.00	17.64 0.02 0.00	18.77 0.06 0.00	24.18 0.29 0.00	26.53 0.18 0.00	24.74 0.10 0.00	23.78 -0.22 0.00	22.97 -0.16 0.00	24.00 -0.12 0.00	25.74 -0.13 0.00	28.85 -0.09 0.00	31.37 -0.09 0.00	36.15 -0.11 0.00	39.59 0.04 0.00	45.69 0.18 0.00	49.43 0.29 0.00	43.37 0.26 0.00	34.55 -0.07 0.00	29.77 -0.18 0.00	25.03 -0.15 0.00	24.20 -0.12 0.00
GENERAL____MILLS 23808	22.78 1.27 0.00	20.64 1.19 0.00	19.31 1.01 0.00	18.54 0.87 0.00	18.34 0.72 0.00	19.58 0.86 0.00	24.92 1.03 0.00	26.98 0.63 0.00	25.11 0.47 0.00	24.69 0.70 0.00	23.92 0.79 0.00	25.08 0.96 0.00	26.93 1.06 0.00	30.50 1.56 0.00	33.45 1.98 0.00	38.58 2.32 0.00	42.20 2.65 0.00	48.38 2.87 0.00	52.09 2.95 0.00	45.83 2.72 0.00	36.04 1.42 0.00	31.03 1.08 0.00	26.01 0.83 0.00	25.88 1.56 0.00
GE_PLASTICS____DRP 24183	21.96 0.45 0.00	19.85 0.39 0.00	18.71 0.40 0.00	18.09 0.41 0.00	18.03 0.41 0.00	19.00 0.28 0.00	24.46 0.57 0.00	27.11 0.76 0.00	25.38 0.74 0.00	24.67 0.67 0.00	23.73 0.60 0.00	24.67 0.55 0.00	26.44 0.62 0.05	29.26 0.32 0.00	31.87 0.35 -0.06	36.49 0.36 0.13	40.51 0.91 -0.04	48.46 1.23 -1.72	50.83 1.23 -0.46	44.71 1.21 -0.39	35.21 0.59 0.00	30.45 0.48 -0.03	25.58 0.40 0.00	24.95 0.63 0.00
GILBOA____1 23756	22.02 0.52 0.00	19.88 0.43 0.00	18.78 0.48 0.00	18.21 0.53 0.00	18.15 0.53 0.00	19.13 0.41 0.00	24.63 0.74 0.00	27.25 0.90 0.00	25.53 0.89 0.00	24.84 0.84 0.00	23.90 0.76 0.00	24.87 0.75 0.00	26.65 0.78 0.00	29.75 0.81 0.00	32.37 0.85 -0.06	37.10 0.83 -0.01	40.81 1.23 -0.03	48.17 1.59 -1.07	51.10 1.67 -0.29	44.87 1.51 -0.25	35.56 0.94 0.00	30.84 0.87 -0.02	25.93 0.75 0.00	25.07 0.75 0.00
GILBOA____2 23757	22.02 0.52 0.00	19.88 0.43 0.00	18.78 0.48 0.00	18.21 0.53 0.00	18.15 0.53 0.00	19.13 0.41 0.00	24.63 0.74 0.00	27.25 0.90 0.00	25.53 0.89 0.00	24.84 0.84 0.00	23.90 0.76 0.00	24.87 0.75 0.00	26.65 0.78 0.00	29.75 0.81 0.00	32.37 0.85 -0.06	37.10 0.83 -0.01	40.81 1.23 -0.03	48.17 1.59 -1.07	51.10 1.67 -0.29	44.87 1.51 -0.25	35.56 0.94 0.00	30.84 0.87 -0.02	25.93 0.75 0.00	25.07 0.75 0.00
GILBOA____3 23758	22.02 0.52 0.00	19.88 0.43 0.00	18.78 0.48 0.00	18.21 0.53 0.00	18.15 0.53 0.00	19.13 0.41 0.00	24.63 0.74 0.00	27.25 0.90 0.00	25.53 0.89 0.00	24.84 0.84 0.00	23.90 0.76 0.00	24.87 0.75 0.00	26.65 0.78 0.00	29.75 0.81 0.00	32.37 0.85 -0.06	37.10 0.83 -0.01	40.81 1.23 -0.03	48.17 1.59 -1.07	51.10 1.67 -0.29	44.87 1.51 -0.25	35.56 0.94 0.00	30.84 0.87 -0.02	25.93 0.75 0.00	25.07 0.75 0.00
GILBOA____4 23759	22.02 0.52 0.00	19.88 0.43 0.00	18.78 0.48 0.00	18.21 0.53 0.00	18.15 0.53 0.00	19.13 0.41 0.00	24.63 0.74 0.00	27.25 0.90 0.00	25.53 0.89 0.00	24.84 0.84 0.00	23.90 0.76 0.00	24.87 0.75 0.00	26.65 0.78 0.00	29.75 0.81 0.00	32.37 0.85 -0.06	37.10 0.83 -0.01	40.81 1.23 -0.03	48.17 1.59 -1.07	51.10 1.67 -0.29	44.87 1.51 -0.25	35.56 0.94 0.00	30.84 0.87 -0.02	25.93 0.75 0.00	25.07 0.75 0.00
GILBOA____ 23599	22.02 0.52 0.00	19.88 0.43 0.00	18.78 0.48 0.00	18.21 0.53 0.00	18.15 0.53 0.00	19.13 0.41 0.00	24.63 0.74 0.00	27.24 0.90 0.00	25.53 0.89 0.00	24.84 0.84 0.00	23.90 0.76 0.00	24.87 0.75 0.00	26.65 0.78 0.00	29.75 0.81 0.00	32.37 0.85 -0.06	37.14 0.87 -0.01	40.96 1.38 -0.03	48.17 1.59 -1.07	51.10 1.67 -0.29	44.91 1.55 -0.25	35.56 0.93 0.00	30.83 0.87 -0.02	25.93 0.76 0.00	25.07 0.75 0.00
GINNA____ 23603	20.82 -0.69 0.00	18.77 -0.68 0.00	17.63 -0.68 0.00	16.99 -0.69 0.00	16.92 -0.71 0.00	18.06 -0.66 0.00	22.98 -0.91 0.00	25.19 -1.16 0.00	23.49 -1.16 0.00	22.89 -1.10 0.00	22.09 -1.04 0.00	23.08 -1.04 0.00	24.83 -1.04 0.00	27.93 -1.01 0.00	30.49 -0.98 0.00	35.35 -0.90 0.00	38.76 -0.79 0.00	44.51 -1.00 0.00	48.20 -0.94 0.00	42.21 -0.91 0.00	33.51 -1.11 0.00	28.78 -1.17 0.00	24.12 -1.06 0.00	23.49 -0.83 0.00

GLEN PARK____ 23778	22.28 0.77 0.00	20.20 0.74 0.00	18.98 0.68 0.00	18.31 0.64 0.00	18.25 0.63 0.00	19.58 0.86 0.00	25.16 1.27 0.00	27.64 1.29 0.00	25.68 1.03 0.00	24.79 0.79 0.00	23.85 0.72 0.00	25.13 1.01 0.00	26.96 1.09 0.00	30.39 1.45 0.00	32.88 1.42 0.00	38.07 1.81 0.00	42.05 2.49 0.00	48.65 3.14 0.00	52.83 3.69 0.00	46.48 3.36 0.00	37.01 2.39 0.00	31.60 1.65 0.00	26.34 1.16 0.00	25.39 1.07 0.00
GLENDAL_27_KV_LOAD 356172	22.82 1.31 0.00	20.45 0.99 0.00	19.24 0.93 0.00	18.53 0.85 0.00	18.47 0.85 0.00	19.73 1.01 0.00	25.71 1.82 0.00	28.56 2.21 0.00	29.89 2.32 -2.93	30.83 2.21 -4.63	28.56 2.06 -3.37	30.84 2.10 -4.62	31.80 2.20 -3.73	31.81 2.34 -0.53	34.22 2.49 -0.27	39.22 2.72 -0.24	43.15 3.48 -0.11	53.74 4.28 -3.95	54.70 4.32 -1.24	47.88 3.71 -1.06	37.01 2.39 0.00	32.23 2.22 -0.07	27.19 2.01 0.00	26.10 1.78 0.00
GLENWOOD_IC_1_G5 23712	22.75 1.25 0.00	20.37 0.91 0.00	19.15 0.84 0.00	18.39 0.71 0.00	18.41 0.79 0.00	19.71 0.99 0.00	25.68 1.79 0.00	28.62 2.27 0.00	26.94 2.29 0.00	26.11 2.11 0.00	25.24 2.11 0.00	28.62 2.10 -2.41	30.28 2.25 -2.16	31.39 2.43 -0.02	34.28 2.55 -0.27	39.47 2.97 -0.24	50.15 3.84 -6.76	60.45 4.69 -10.25	60.85 4.91 -6.80	53.43 4.31 -6.01	46.37 2.70 -9.05	37.33 2.37 -5.01	30.88 2.09 -3.61	27.36 1.90 -1.14
GLENWOOD_IC_2_G1 23688	22.65 1.14 0.00	20.31 0.86 0.00	19.07 0.77 0.00	18.35 0.67 0.00	18.34 0.72 0.00	19.62 0.90 0.00	25.54 1.65 0.00	28.43 2.08 0.00	26.79 2.14 0.00	25.96 1.97 0.00	25.06 1.92 -0.01	28.46 1.93 -2.41	30.07 2.04 -2.16	31.15 2.20 -0.02	33.97 2.23 -0.27	38.78 2.29 -0.24	49.40 3.09 -6.76	60.00 4.23 -10.25	60.21 4.27 -6.80	53.00 3.88 -6.01	46.09 2.42 -9.05	37.09 2.13 -5.01	30.68 1.89 -3.61	27.16 1.70 -1.14
GLENWOOD_IC_3_G1 23689	22.65 1.14 0.00	20.31 0.86 0.00	19.07 0.77 0.00	18.35 0.67 0.00	18.34 0.72 0.00	19.62 0.90 0.00	25.54 1.65 0.00	28.43 2.08 0.00	26.79 2.14 0.00	25.96 1.97 0.00	25.06 1.92 -0.01	28.46 1.93 -2.41	30.07 2.04 -2.16	31.15 2.20 -0.02	33.97 2.23 -0.27	38.78 2.29 -0.24	49.40 3.09 -6.76	60.00 4.23 -10.25	60.21 4.27 -6.80	53.00 3.88 -6.01	46.09 2.42 -9.05	37.09 2.13 -5.01	30.68 1.89 -3.61	27.16 1.70 -1.14
GLENWOOD____4 23550	22.75 1.25 0.00	20.37 0.91 0.00	19.15 0.84 0.00	18.39 0.71 0.00	18.41 0.79 0.00	19.71 0.99 0.00	25.68 1.79 0.00	28.62 2.27 0.00	26.94 2.29 0.00	26.11 2.11 0.00	25.24 2.11 0.00	28.62 2.10 -2.41	30.28 2.25 -2.16	31.39 2.43 -0.02	34.28 2.55 -0.27	39.47 2.97 -0.24	50.15 3.84 -6.76	60.45 4.69 -10.25	60.85 4.91 -6.80	53.43 4.31 -6.01	46.37 2.70 -9.05	37.33 2.37 -5.01	30.88 2.09 -3.61	27.36 1.90 -1.14
GLENWOOD____5 23614	22.75 1.25 0.00	20.37 0.91 0.00	19.15 0.84 0.00	18.39 0.71 0.00	18.41 0.79 0.00	19.71 0.99 0.00	25.68 1.79 0.00	28.62 2.27 0.00	26.94 2.29 0.00	26.11 2.11 0.00	25.24 2.11 0.00	28.62 2.10 -2.41	30.28 2.25 -2.16	31.39 2.43 -0.02	34.28 2.55 -0.27	39.47 2.97 -0.24	50.15 3.84 -6.76	60.45 4.69 -10.25	60.85 4.91 -6.80	53.43 4.31 -6.01	46.37 2.70 -9.05	37.33 2.37 -5.01	30.88 2.09 -3.61	27.36 1.90 -1.14
GLOBAL GREEN_PORT_GT1 23814	23.98 2.47 0.00	21.38 1.93 0.00	20.06 1.76 0.00	19.11 1.43 0.00	19.30 1.67 0.00	20.79 2.08 0.00	27.31 3.42 0.00	30.86 4.50 -0.01	29.04 4.39 -0.01	27.98 3.98 0.00	27.10 3.95 -0.01	30.46 3.93 -2.41	32.16 4.14 -2.16	33.64 4.69 -0.02	36.43 4.69 -0.28	41.29 4.79 -0.25	52.30 5.97 -6.77	63.79 8.01 -10.26	64.00 8.06 -6.81	56.50 7.37 -6.02	49.15 5.47 -9.06	39.56 4.58 -5.02	32.93 4.13 -3.62	29.30 3.84 -1.14
GLOBE____DSASP 323697	21.79 0.28 0.00	19.75 0.29 0.00	18.49 0.18 0.00	17.75 0.07 0.00	17.57 -0.05 0.00	18.72 0.00 0.00	23.75 -0.14 0.00	25.58 -0.76 0.00	23.88 -0.76 0.00	23.44 -0.55 0.00	22.69 -0.44 0.00	23.78 -0.34 0.00	25.48 -0.39 0.00	28.85 -0.09 0.00	31.59 0.13 0.00	36.51 0.25 0.00	39.83 0.28 0.00	45.60 0.09 0.00	49.09 -0.05 0.00	43.24 0.13 0.00	34.10 -0.52 0.00	29.41 -0.54 0.00	24.70 -0.48 0.00	24.66 0.34 0.00
GOETHSLN____LBMP 323567	22.50 0.99 0.00	20.18 0.72 0.00	18.98 0.68 0.00	18.28 0.60 0.00	18.22 0.60 0.00	19.48 0.77 0.00	25.40 1.51 0.00	28.17 1.82 0.00	26.62 1.97 0.00	25.89 1.90 0.00	24.87 1.73 0.00	25.90 1.78 0.00	27.75 1.81 -0.07	30.59 1.82 0.18	31.25 1.89 2.10	36.42 2.10 1.94	41.54 2.97 0.98	46.70 3.73 2.55	41.92 3.78 11.01	37.02 3.32 9.41	36.49 1.87 0.00	31.02 1.68 0.61	26.84 1.66 0.00	25.73 1.41 0.00
GOLAH____69_KV_TB 1_2 80279	22.07 0.56 0.00	19.98 0.53 0.00	18.73 0.42 0.00	18.03 0.35 0.00	17.97 0.35 0.00	19.17 0.45 0.00	24.32 0.43 0.00	26.48 0.13 0.00	24.69 0.05 0.00	24.14 0.14 0.00	23.34 0.21 0.00	24.41 0.29 0.00	26.18 0.31 0.00	29.46 0.52 0.00	32.22 0.76 0.00	37.27 1.02 0.00	40.78 1.23 0.00	46.92 1.41 0.00	50.76 1.62 0.00	44.58 1.47 0.00	35.38 0.76 0.00	30.46 0.51 0.00	25.50 0.33 0.00	25.03 0.71 0.00
GOODYEAR_LAKE_HYD 323669	22.32 0.82 0.00	20.16 0.70 0.00	19.00 0.70 0.00	18.35 0.67 0.00	18.29 0.67 0.00	19.45 0.73 0.00	25.04 1.15 0.00	27.67 1.32 0.00	25.88 1.23 0.00	25.17 1.18 0.00	24.20 1.06 0.00	25.30 1.18 0.00	27.11 1.24 0.00	30.39 1.45 0.00	33.05 1.60 0.02	38.06 1.81 0.00	42.00 2.45 0.01	48.11 2.96 0.36	52.23 3.19 0.10	45.83 2.80 0.09	36.42 1.80 0.00	31.35 1.41 0.01	26.31 1.13 0.00	25.41 1.09 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	22.09 0.58 0.00	19.98 0.53 0.00	18.78 0.48 0.00	18.10 0.42 0.00	18.03 0.41 0.00	19.19 0.47 0.00	24.61 0.72 0.00	27.06 0.71 0.00	25.31 0.67 0.00	24.62 0.62 0.00	23.76 0.62 0.00	24.79 0.68 0.00	26.54 0.67 0.00	29.84 0.90 0.00	32.53 1.07 0.00	37.49 1.23 0.00	41.22 1.66 0.00	47.51 2.00 0.00	51.30 2.16 0.00	45.01 1.90 0.00	35.70 1.07 0.00	30.76 0.81 0.00	25.83 0.65 0.00	25.07 0.75 0.00
GOUDEY____7 23579	22.11 0.60 0.00	20.00 0.54 0.00	18.78 0.48 0.00	18.12 0.44 0.00	18.04 0.42 0.00	19.19 0.47 0.00	24.63 0.74 0.00	27.09 0.74 0.00	25.34 0.69 0.00	24.64 0.65 0.00	23.78 0.65 0.00	24.82 0.70 0.00	26.59 0.72 0.00	29.87 0.93 0.00	32.56 1.10 0.00	37.56 1.31 0.00	41.26 1.70 0.00	47.56 2.05 0.00	51.35 2.21 0.00	45.10 1.98 0.00	35.76 1.14 0.00	30.79 0.84 0.00	25.86 0.68 0.00	25.10 0.78 0.00
GOUDEY____8 23580	22.09 0.58 0.00	19.98 0.53 0.00	18.78 0.48 0.00	18.10 0.42 0.00	18.03 0.41 0.00	19.19 0.47 0.00	24.61 0.72 0.00	27.06 0.71 0.00	25.31 0.67 0.00	24.62 0.62 0.00	23.76 0.62 0.00	24.79 0.68 0.00	26.54 0.67 0.00	29.84 0.90 0.00	32.53 1.07 0.00	37.49 1.23 0.00	41.22 1.66 0.00	47.51 2.00 0.00	51.30 2.16 0.00	45.01 1.90 0.00	35.70 1.07 0.00	30.76 0.81 0.00	25.83 0.65 0.00	25.07 0.75 0.00

GOWANUS_GT1_1 24077	22.82 1.31 0.00	20.45 0.99 0.00	19.24 0.93 0.00	18.53 0.85 0.00	18.47 0.85 0.00	19.69 0.97 0.00	25.63 1.74 0.00	28.48 2.13 0.00	29.81 2.24 -2.93	30.79 2.16 -4.63	28.49 1.99 -3.37	30.79 2.05 -4.62	31.77 2.17 -3.73	31.78 2.32 -0.53	34.22 2.49 -0.27	39.18 2.68 -0.24	43.03 3.36 -0.11	53.70 4.23 -3.95	54.65 4.28 -1.24	47.83 3.66 -1.06	36.98 2.35 0.00	32.23 2.22 -0.07	27.14 1.96 0.00	26.07 1.75 0.00
GOWANUS_GT1_2 24078	22.82 1.31 0.00	20.45 0.99 0.00	19.24 0.93 0.00	18.53 0.85 0.00	18.47 0.85 0.00	19.69 0.97 0.00	25.63 1.74 0.00	28.48 2.13 0.00	29.81 2.24 -2.93	30.79 2.16 -4.63	28.49 1.99 -3.37	30.79 2.05 -4.62	31.77 2.17 -3.73	31.78 2.32 -0.53	34.22 2.49 -0.27	39.18 2.68 -0.24	43.03 3.36 -0.11	53.70 4.23 -3.95	54.65 4.28 -1.24	47.83 3.66 -1.06	36.98 2.35 0.00	32.23 2.22 -0.07	27.14 1.96 0.00	26.07 1.75 0.00
GOWANUS_GT1_3 24079	22.82 1.31 0.00	20.45 0.99 0.00	19.24 0.93 0.00	18.53 0.85 0.00	18.47 0.85 0.00	19.69 0.97 0.00	25.63 1.74 0.00	28.48 2.13 0.00	29.81 2.24 -2.93	30.79 2.16 -4.63	28.49 1.99 -3.37	30.79 2.05 -4.62	31.77 2.17 -3.73	31.78 2.32 -0.53	34.22 2.49 -0.27	39.18 2.68 -0.24	43.03 3.36 -0.11	53.70 4.23 -3.95	54.65 4.28 -1.24	47.83 3.66 -1.06	36.98 2.35 0.00	32.23 2.22 -0.07	27.14 1.96 0.00	26.07 1.75 0.00
GOWANUS_GT1_4 24080	22.82 1.31 0.00	20.45 0.99 0.00	19.24 0.93 0.00	18.53 0.85 0.00	18.47 0.85 0.00	19.69 0.97 0.00	25.63 1.74 0.00	28.48 2.13 0.00	29.81 2.24 -2.93	30.79 2.16 -4.63	28.49 1.99 -3.37	30.79 2.05 -4.62	31.77 2.17 -3.73	31.78 2.32 -0.53	34.22 2.49 -0.27	39.18 2.68 -0.24	43.03 3.36 -0.11	53.70 4.23 -3.95	54.65 4.28 -1.24	47.83 3.66 -1.06	36.98 2.35 0.00	32.23 2.22 -0.07	27.14 1.96 0.00	26.07 1.75 0.00
GOWANUS_GT1_5 24084	22.82 1.31 0.00	20.45 0.99 0.00	19.24 0.93 0.00	18.53 0.85 0.00	18.47 0.85 0.00	19.69 0.97 0.00	25.63 1.74 0.00	28.48 2.13 0.00	29.81 2.24 -2.93	30.79 2.16 -4.63	28.49 1.99 -3.37	30.79 2.05 -4.62	31.77 2.17 -3.73	31.78 2.32 -0.53	34.22 2.49 -0.27	39.18 2.68 -0.24	43.03 3.36 -0.11	53.70 4.23 -3.95	54.65 4.28 -1.24	47.83 3.66 -1.06	36.98 2.35 0.00	32.23 2.22 -0.07	27.14 1.96 0.00	26.07 1.75 0.00
GOWANUS_GT1_6 24111	22.82 1.31 0.00	20.45 0.99 0.00	19.24 0.93 0.00	18.53 0.85 0.00	18.47 0.85 0.00	19.69 0.97 0.00	25.63 1.74 0.00	28.48 2.13 0.00	29.81 2.24 -2.93	30.79 2.16 -4.63	28.49 1.99 -3.37	30.79 2.05 -4.62	31.77 2.17 -3.73	31.78 2.32 -0.53	34.22 2.49 -0.27	39.18 2.68 -0.24	43.03 3.36 -0.11	53.70 4.23 -3.95	54.65 4.28 -1.24	47.83 3.66 -1.06	36.98 2.35 0.00	32.23 2.22 -0.07	27.14 1.96 0.00	26.07 1.75 0.00
GOWANUS_GT1_7 24112	22.82 1.31 0.00	20.45 0.99 0.00	19.24 0.93 0.00	18.53 0.85 0.00	18.47 0.85 0.00	19.69 0.97 0.00	25.63 1.74 0.00	28.48 2.13 0.00	29.81 2.24 -2.93	30.79 2.16 -4.63	28.49 1.99 -3.37	30.79 2.05 -4.62	31.77 2.17 -3.73	31.78 2.32 -0.53	34.22 2.49 -0.27	39.18 2.68 -0.24	43.03 3.36 -0.11	53.70 4.23 -3.95	54.65 4.28 -1.24	47.83 3.66 -1.06	36.98 2.35 0.00	32.23 2.22 -0.07	27.14 1.96 0.00	26.07 1.75 0.00
GOWANUS_GT1_8 24113	22.82 1.31 0.00	20.45 0.99 0.00	19.24 0.93 0.00	18.53 0.85 0.00	18.47 0.85 0.00	19.69 0.97 0.00	25.63 1.74 0.00	28.48 2.13 0.00	29.81 2.24 -2.93	30.79 2.16 -4.63	28.49 1.99 -3.37	30.79 2.05 -4.62	31.77 2.17 -3.73	31.78 2.32 -0.53	34.22 2.49 -0.27	39.18 2.68 -0.24	43.03 3.36 -0.11	53.70 4.23 -3.95	54.65 4.28 -1.24	47.83 3.66 -1.06	36.98 2.35 0.00	32.23 2.22 -0.07	27.14 1.96 0.00	26.07 1.75 0.00
GOWANUS_GT2_1 24114	22.81 1.29 -0.01	20.46 0.99 -0.01	19.25 0.93 -0.01	18.52 0.83 -0.01	18.46 0.83 -0.01	19.67 0.95 0.00	25.64 1.74 -0.01	28.47 2.11 -0.01	29.81 2.24 -2.93	30.76 2.13 -4.63	28.47 1.97 -3.37	30.76 2.03 -4.62	31.74 2.15 -3.73	31.75 2.29 -0.53	34.23 2.48 -0.28	39.14 2.65 -0.24	42.71 3.05 -0.11	53.65 4.18 -3.95	54.55 4.17 -1.24	47.79 3.62 -1.06	36.98 2.36 0.00	32.21 2.19 -0.08	27.12 1.94 -0.01	26.08 1.75 -0.01
GOWANUS_GT2_2 24115	22.81 1.29 -0.01	20.46 0.99 -0.01	19.25 0.93 -0.01	18.52 0.83 -0.01	18.46 0.83 -0.01	19.67 0.95 0.00	25.64 1.74 -0.01	28.47 2.11 -0.01	29.81 2.24 -2.93	30.76 2.13 -4.63	28.47 1.97 -3.37	30.76 2.03 -4.62	31.74 2.15 -3.73	31.75 2.29 -0.53	34.23 2.48 -0.28	39.14 2.65 -0.24	42.71 3.05 -0.11	53.65 4.18 -3.95	54.55 4.17 -1.24	47.79 3.62 -1.06	36.98 2.36 0.00	32.21 2.19 -0.08	27.12 1.94 -0.01	26.08 1.75 -0.01
GOWANUS_GT2_3 24116	22.81 1.29 -0.01	20.46 0.99 -0.01	19.25 0.93 -0.01	18.52 0.83 -0.01	18.46 0.83 -0.01	19.67 0.95 0.00	25.64 1.74 -0.01	28.47 2.11 -0.01	29.81 2.24 -2.93	30.76 2.13 -4.63	28.47 1.97 -3.37	30.76 2.03 -4.62	31.74 2.15 -3.73	31.75 2.29 -0.53	34.23 2.48 -0.28	39.14 2.65 -0.24	42.71 3.05 -0.11	53.65 4.18 -3.95	54.55 4.17 -1.24	47.79 3.62 -1.06	36.98 2.36 0.00	32.21 2.19 -0.08	27.12 1.94 -0.01	26.08 1.75 -0.01
GOWANUS_GT2_4 24117	22.81 1.29 -0.01	20.46 0.99 -0.01	19.25 0.93 -0.01	18.52 0.83 -0.01	18.46 0.83 -0.01	19.67 0.95 0.00	25.64 1.74 -0.01	28.47 2.11 -0.01	29.81 2.24 -2.93	30.76 2.13 -4.63	28.47 1.97 -3.37	30.76 2.03 -4.62	31.74 2.15 -3.73	31.75 2.29 -0.53	34.23 2.48 -0.28	39.14 2.65 -0.24	42.71 3.05 -0.11	53.65 4.18 -3.95	54.55 4.17 -1.24	47.79 3.62 -1.06	36.98 2.36 0.00	32.21 2.19 -0.08	27.12 1.94 -0.01	26.08 1.75 -0.01
GOWANUS_GT2_5 24118	22.81 1.29 -0.01	20.46 0.99 -0.01	19.25 0.93 -0.01	18.52 0.83 -0.01	18.46 0.83 -0.01	19.67 0.95 0.00	25.64 1.74 -0.01	28.47 2.11 -0.01	29.81 2.24 -2.93	30.76 2.13 -4.63	28.47 1.97 -3.37	30.76 2.03 -4.62	31.74 2.15 -3.73	31.75 2.29 -0.53	34.23 2.48 -0.28	39.14 2.65 -0.24	42.71 3.05 -0.11	53.65 4.18 -3.95	54.55 4.17 -1.24	47.79 3.62 -1.06	36.98 2.36 0.00	32.21 2.19 -0.08	27.12 1.94 -0.01	26.08 1.75 -0.01
GOWANUS_GT2_6 24119	22.81 1.29 -0.01	20.46 0.99 -0.01	19.25 0.93 -0.01	18.52 0.83 -0.01	18.46 0.83 -0.01	19.67 0.95 0.00	25.64 1.74 -0.01	28.47 2.11 -0.01	29.81 2.24 -2.93	30.76 2.13 -4.63	28.47 1.97 -3.37	30.76 2.03 -4.62	31.74 2.15 -3.73	31.75 2.29 -0.53	34.23 2.48 -0.28	39.14 2.65 -0.24	42.71 3.05 -0.11	53.65 4.18 -3.95	54.55 4.17 -1.24	47.79 3.62 -1.06	36.98 2.36 0.00	32.21 2.19 -0.08	27.12 1.94 -0.01	26.08 1.75 -0.01
GOWANUS_GT2_7 24120	22.81 1.29 -0.01	20.46 0.99 -0.01	19.25 0.93 -0.01	18.52 0.83 -0.01	18.46 0.83 -0.01	19.67 0.95 0.00	25.64 1.74 -0.01	28.47 2.11 -0.01	29.81 2.24 -2.93	30.76 2.13 -4.63	28.47 1.97 -3.37	30.76 2.03 -4.62	31.74 2.15 -3.73	31.75 2.29 -0.53	34.23 2.48 -0.28	39.14 2.65 -0.24	42.71 3.05 -0.11	53.65 4.18 -3.95	54.55 4.17 -1.24	47.79 3.62 -1.06	36.98 2.36 0.00	32.21 2.19 -0.08	27.12 1.94 -0.01	26.08 1.75 -0.01

GOWANUS_GT2_8 24121	22.81 1.29 -0.01	20.46 0.99 -0.01	19.25 0.93 -0.01	18.52 0.83 -0.01	18.46 0.83 -0.01	19.67 0.95 0.00	25.64 1.74 -0.01	28.47 2.11 -0.01	29.81 2.24 -2.93	30.76 2.13 -4.63	28.47 1.97 -3.37	30.76 2.03 -4.62	31.74 2.15 -3.73	31.75 2.29 -0.53	34.23 2.48 -0.28	39.14 2.65 -0.24	42.71 3.05 -0.11	53.65 4.18 -3.95	54.55 4.17 -1.24	47.79 3.62 -1.06	36.98 2.36 0.00	32.21 2.19 -0.08	27.12 1.94 -0.01	26.08 1.75 -0.01
GOWANUS_GT3_1 24122	22.83 1.31 -0.01	20.48 1.01 -0.01	19.25 0.93 -0.01	18.53 0.85 -0.01	18.47 0.85 -0.01	19.67 0.95 0.00	25.64 1.74 -0.01	28.49 2.13 -0.01	29.81 2.24 -2.93	30.79 2.16 -4.63	28.49 1.99 -3.37	30.79 2.05 -4.62	31.77 2.17 -3.73	31.78 2.32 -0.53	34.23 2.48 -0.28	39.18 2.68 -0.24	42.75 3.09 -0.11	53.70 4.23 -3.95	54.60 4.23 -1.24	47.83 3.66 -1.06	36.98 2.36 0.00	32.24 2.22 -0.08	27.15 1.97 -0.01	26.10 1.77 -0.01
GOWANUS_GT3_2 24123	22.83 1.31 -0.01	20.48 1.01 -0.01	19.25 0.93 -0.01	18.53 0.85 -0.01	18.47 0.85 -0.01	19.67 0.95 0.00	25.64 1.74 -0.01	28.49 2.13 -0.01	29.81 2.24 -2.93	30.79 2.16 -4.63	28.49 1.99 -3.37	30.79 2.05 -4.62	31.77 2.17 -3.73	31.78 2.32 -0.53	34.23 2.48 -0.28	39.18 2.68 -0.24	42.75 3.09 -0.11	53.70 4.23 -3.95	54.60 4.23 -1.24	47.83 3.66 -1.06	36.98 2.36 0.00	32.24 2.22 -0.08	27.15 1.97 -0.01	26.10 1.77 -0.01
GOWANUS_GT3_3 24124	22.83 1.31 -0.01	20.48 1.01 -0.01	19.25 0.93 -0.01	18.53 0.85 -0.01	18.47 0.85 -0.01	19.67 0.95 0.00	25.64 1.74 -0.01	28.49 2.13 -0.01	29.81 2.24 -2.93	30.79 2.16 -4.63	28.49 1.99 -3.37	30.79 2.05 -4.62	31.77 2.17 -3.73	31.78 2.32 -0.53	34.23 2.48 -0.28	39.18 2.68 -0.24	42.75 3.09 -0.11	53.70 4.23 -3.95	54.60 4.23 -1.24	47.83 3.66 -1.06	36.98 2.36 0.00	32.24 2.22 -0.08	27.15 1.97 -0.01	26.10 1.77 -0.01
GOWANUS_GT3_4 24125	22.83 1.31 -0.01	20.48 1.01 -0.01	19.25 0.93 -0.01	18.53 0.85 -0.01	18.47 0.85 -0.01	19.67 0.95 0.00	25.64 1.74 -0.01	28.49 2.13 -0.01	29.81 2.24 -2.93	30.79 2.16 -4.63	28.49 1.99 -3.37	30.79 2.05 -4.62	31.77 2.17 -3.73	31.78 2.32 -0.53	34.23 2.48 -0.28	39.18 2.68 -0.24	42.75 3.09 -0.11	53.70 4.23 -3.95	54.60 4.23 -1.24	47.83 3.66 -1.06	36.98 2.36 0.00	32.24 2.22 -0.08	27.15 1.97 -0.01	26.10 1.77 -0.01
GOWANUS_GT3_5 24126	22.83 1.31 -0.01	20.48 1.01 -0.01	19.25 0.93 -0.01	18.53 0.85 -0.01	18.47 0.85 -0.01	19.67 0.95 0.00	25.64 1.74 -0.01	28.49 2.13 -0.01	29.81 2.24 -2.93	30.79 2.16 -4.63	28.49 1.99 -3.37	30.79 2.05 -4.62	31.77 2.17 -3.73	31.78 2.32 -0.53	34.23 2.48 -0.28	39.18 2.68 -0.24	42.75 3.09 -0.11	53.70 4.23 -3.95	54.60 4.23 -1.24	47.83 3.66 -1.06	36.98 2.36 0.00	32.24 2.22 -0.08	27.15 1.97 -0.01	26.10 1.77 -0.01
GOWANUS_GT3_6 24127	22.83 1.31 -0.01	20.48 1.01 -0.01	19.25 0.93 -0.01	18.53 0.85 -0.01	18.47 0.85 -0.01	19.67 0.95 0.00	25.64 1.74 -0.01	28.49 2.13 -0.01	29.81 2.24 -2.93	30.79 2.16 -4.63	28.49 1.99 -3.37	30.79 2.05 -4.62	31.77 2.17 -3.73	31.78 2.32 -0.53	34.23 2.48 -0.28	39.18 2.68 -0.24	42.75 3.09 -0.11	53.70 4.23 -3.95	54.60 4.23 -1.24	47.83 3.66 -1.06	36.98 2.36 0.00	32.24 2.22 -0.08	27.15 1.97 -0.01	26.10 1.77 -0.01
GOWANUS_GT3_7 24128	22.83 1.31 -0.01	20.48 1.01 -0.01	19.25 0.93 -0.01	18.53 0.85 -0.01	18.47 0.85 -0.01	19.67 0.95 0.00	25.64 1.74 -0.01	28.49 2.13 -0.01	29.81 2.24 -2.93	30.79 2.16 -4.63	28.49 1.99 -3.37	30.79 2.05 -4.62	31.77 2.17 -3.73	31.78 2.32 -0.53	34.23 2.48 -0.28	39.18 2.68 -0.24	42.75 3.09 -0.11	53.70 4.23 -3.95	54.60 4.23 -1.24	47.83 3.66 -1.06	36.98 2.36 0.00	32.24 2.22 -0.08	27.15 1.97 -0.01	26.10 1.77 -0.01
GOWANUS_GT3_8 24129	22.83 1.31 -0.01	20.48 1.01 -0.01	19.25 0.93 -0.01	18.53 0.85 -0.01	18.47 0.85 -0.01	19.67 0.95 0.00	25.64 1.74 -0.01	28.49 2.13 -0.01	29.81 2.24 -2.93	30.79 2.16 -4.63	28.49 1.99 -3.37	30.79 2.05 -4.62	31.77 2.17 -3.73	31.78 2.32 -0.53	34.23 2.48 -0.28	39.18 2.68 -0.24	42.75 3.09 -0.11	53.70 4.23 -3.95	54.60 4.23 -1.24	47.83 3.66 -1.06	36.98 2.36 0.00	32.24 2.22 -0.08	27.15 1.97 -0.01	26.10 1.77 -0.01
GOWANUS_GT4_1 24130	22.80 1.29 0.00	20.45 0.99 0.00	19.24 0.93 0.00	18.51 0.83 0.00	18.45 0.83 0.00	19.67 0.95 0.00	25.63 1.74 0.00	28.46 2.11 0.00	29.81 2.24 -2.93	30.76 2.14 -4.63	28.47 1.97 -3.37	30.76 2.03 -4.62	31.74 2.15 -3.73	31.75 2.29 -0.53	34.19 2.45 -0.27	39.14 2.65 -0.24	43.03 3.36 -0.11	53.65 4.19 -3.95	54.65 4.28 -1.24	47.79 3.62 -1.06	36.94 2.32 0.00	32.20 2.19 -0.07	27.12 1.94 0.00	26.05 1.73 0.00
GOWANUS_GT4_2 24131	22.80 1.29 0.00	20.45 0.99 0.00	19.24 0.93 0.00	18.51 0.83 0.00	18.45 0.83 0.00	19.67 0.95 0.00	25.63 1.74 0.00	28.46 2.11 0.00	29.81 2.24 -2.93	30.76 2.14 -4.63	28.47 1.97 -3.37	30.76 2.03 -4.62	31.74 2.15 -3.73	31.75 2.29 -0.53	34.19 2.45 -0.27	39.14 2.65 -0.24	43.03 3.36 -0.11	53.65 4.19 -3.95	54.65 4.28 -1.24	47.79 3.62 -1.06	36.94 2.32 0.00	32.20 2.19 -0.07	27.12 1.94 0.00	26.05 1.73 0.00
GOWANUS_GT4_3 24132	22.80 1.29 0.00	20.45 0.99 0.00	19.24 0.93 0.00	18.51 0.83 0.00	18.45 0.83 0.00	19.67 0.95 0.00	25.63 1.74 0.00	28.46 2.11 0.00	29.81 2.24 -2.93	30.76 2.14 -4.63	28.47 1.97 -3.37	30.76 2.03 -4.62	31.74 2.15 -3.73	31.75 2.29 -0.53	34.19 2.45 -0.27	39.14 2.65 -0.24	43.03 3.36 -0.11	53.65 4.19 -3.95	54.65 4.28 -1.24	47.79 3.62 -1.06	36.94 2.32 0.00	32.20 2.19 -0.07	27.12 1.94 0.00	26.05 1.73 0.00
GOWANUS_GT4_4 24133	22.80 1.29 0.00	20.45 0.99 0.00	19.24 0.93 0.00	18.51 0.83 0.00	18.45 0.83 0.00	19.67 0.95 0.00	25.63 1.74 0.00	28.46 2.11 0.00	29.81 2.24 -2.93	30.76 2.14 -4.63	28.47 1.97 -3.37	30.76 2.03 -4.62	31.74 2.15 -3.73	31.75 2.29 -0.53	34.19 2.45 -0.27	39.14 2.65 -0.24	43.03 3.36 -0.11	53.65 4.19 -3.95	54.65 4.28 -1.24	47.79 3.62 -1.06	36.94 2.32 0.00	32.20 2.19 -0.07	27.12 1.94 0.00	26.05 1.73 0.00
GOWANUS_GT4_5 24134	22.80 1.29 0.00	20.45 0.99 0.00	19.24 0.93 0.00	18.51 0.83 0.00	18.45 0.83 0.00	19.67 0.95 0.00	25.63 1.74 0.00	28.46 2.11 0.00	29.81 2.24 -2.93	30.76 2.14 -4.63	28.47 1.97 -3.37	30.76 2.03 -4.62	31.74 2.15 -3.73	31.75 2.29 -0.53	34.19 2.45 -0.27	39.14 2.65 -0.24	43.03 3.36 -0.11	53.65 4.19 -3.95	54.65 4.28 -1.24	47.79 3.62 -1.06	36.94 2.32 0.00	32.20 2.19 -0.07	27.12 1.94 0.00	26.05 1.73 0.00
GOWANUS_GT4_6 24135	22.80 1.29 0.00	20.45 0.99 0.00	19.24 0.93 0.00	18.51 0.83 0.00	18.45 0.83 0.00	19.67 0.95 0.00	25.63 1.74 0.00	28.46 2.11 0.00	29.81 2.24 -2.93	30.76 2.14 -4.63	28.47 1.97 -3.37	30.76 2.03 -4.62	31.74 2.15 -3.73	31.75 2.29 -0.53	34.19 2.45 -0.27	39.14 2.65 -0.24	43.03 3.36 -0.11	53.65 4.19 -3.95	54.65 4.28 -1.24	47.79 3.62 -1.06	36.94 2.32 0.00	32.20 2.19 -0.07	27.12 1.94 0.00	26.05 1.73 0.00

GOWANUS_GT4_7 24136	22.80 1.29 0.00	20.45 0.99 0.00	19.24 0.93 0.00	18.51 0.83 0.00	18.45 0.83 0.00	19.67 0.95 0.00	25.63 1.74 0.00	28.46 2.11 0.00	29.81 2.24 -2.93	30.76 2.14 -4.63	28.47 1.97 -3.37	30.76 2.03 -4.62	31.74 2.15 -3.73	31.75 2.29 -0.53	34.19 2.45 -0.27	39.14 2.65 -0.24	43.03 3.36 -0.11	53.65 4.19 -3.95	54.65 4.28 -1.24	47.79 3.62 -1.06	36.94 2.32 0.00	32.20 2.19 -0.07	27.12 1.94 0.00	26.05 1.73 0.00
GOWANUS_GT4_8 24137	22.80 1.29 0.00	20.45 0.99 0.00	19.24 0.93 0.00	18.51 0.83 0.00	18.45 0.83 0.00	19.67 0.95 0.00	25.63 1.74 0.00	28.46 2.11 0.00	29.81 2.24 -2.93	30.76 2.14 -4.63	28.47 1.97 -3.37	30.76 2.03 -4.62	31.74 2.15 -3.73	31.75 2.29 -0.53	34.19 2.45 -0.27	39.14 2.65 -0.24	43.03 3.36 -0.11	53.65 4.19 -3.95	54.65 4.28 -1.24	47.79 3.62 -1.06	36.94 2.32 0.00	32.20 2.19 -0.07	27.12 1.94 0.00	26.05 1.73 0.00
GREENBSH_115KV_TB3 55895	21.89 0.39 0.00	19.79 0.33 0.00	18.64 0.33 0.00	18.03 0.35 0.00	17.97 0.35 0.00	18.90 0.19 0.00	24.34 0.45 0.00	27.01 0.66 0.00	25.26 0.62 0.00	24.57 0.58 0.00	23.62 0.49 0.00	24.55 0.43 0.00	26.29 0.49 0.07	29.29 0.35 0.00	31.90 0.38 -0.06	36.52 0.44 0.17	40.63 1.03 -0.04	48.62 1.37 -1.75	51.09 1.47 -0.47	44.90 1.38 -0.40	35.35 0.73 0.00	30.51 0.54 -0.03	25.63 0.45 0.00	24.81 0.49 0.00
GREENDGE_115KV_TB5 80291	22.28 0.77 0.00	20.18 0.72 0.00	18.91 0.60 0.00	18.21 0.53 0.00	18.13 0.51 0.00	19.37 0.66 0.00	24.94 1.05 0.00	27.35 1.00 0.00	25.51 0.86 0.00	24.64 0.65 0.00	23.83 0.69 0.00	24.91 0.80 0.00	26.70 0.83 0.00	30.10 1.16 0.00	32.56 1.10 0.00	37.60 1.34 0.00	41.33 1.78 0.00	47.74 2.23 0.00	51.69 2.56 0.00	45.31 2.20 0.00	35.83 1.21 0.00	31.00 1.05 0.00	25.98 0.81 0.00	25.27 0.95 0.00
GREENIDGE___3 23582	22.28 0.77 0.00	20.18 0.72 0.00	18.91 0.60 0.00	18.21 0.53 0.00	18.13 0.51 0.00	19.37 0.66 0.00	24.94 1.05 0.00	27.35 1.00 0.00	25.51 0.86 0.00	24.64 0.65 0.00	23.83 0.69 0.00	24.91 0.80 0.00	26.70 0.83 0.00	30.10 1.16 0.00	32.56 1.10 0.00	37.60 1.34 0.00	41.33 1.78 0.00	47.74 2.23 0.00	51.69 2.56 0.00	45.31 2.20 0.00	35.83 1.21 0.00	31.00 1.05 0.00	25.98 0.81 0.00	25.27 0.95 0.00
GREENIDGE___4 23583	22.28 0.77 0.00	20.14 0.68 0.00	18.91 0.60 0.00	18.21 0.53 0.00	18.13 0.51 0.00	19.37 0.65 0.00	24.94 1.05 0.00	27.35 1.00 0.00	25.51 0.86 0.00	24.64 0.65 0.00	23.83 0.69 0.00	24.91 0.79 0.00	26.70 0.83 0.00	30.10 1.16 0.00	32.53 1.07 0.00	37.60 1.34 0.00	41.37 1.82 0.00	47.74 2.23 0.00	51.74 2.60 0.00	45.35 2.24 0.00	35.83 1.21 0.00	30.97 1.02 0.00	25.98 0.81 0.00	25.29 0.97 0.00
GREENLWN_69_KV_BK 3 55738	22.88 1.38 0.00	20.43 0.97 0.00	19.18 0.88 0.00	18.35 0.67 0.00	18.47 0.85 0.00	19.82 1.10 0.00	25.97 2.08 0.00	29.02 2.66 -0.01	27.34 2.69 -0.01	26.35 2.35 0.00	25.49 2.36 0.00	28.89 2.36 -2.41	30.54 2.51 -2.16	31.59 2.63 -0.02	34.28 2.55 -0.27	39.50 3.01 -0.24	50.15 3.84 -6.76	60.49 4.73 -10.25	60.89 4.96 -6.79	53.47 4.35 -6.01	46.44 2.77 -9.05	37.38 2.43 -5.01	31.15 2.37 -3.61	27.70 2.24 -1.14
GREENWD_138_KV_38B11_REV_LBMP_J 345004	22.82 1.31 0.00	20.45 0.99 0.00	19.24 0.93 0.00	18.53 0.85 0.00	18.47 0.85 0.00	19.69 0.97 0.00	25.63 1.74 0.00	28.48 2.13 0.00	29.81 2.24 -2.93	30.79 2.16 -4.63	28.49 1.99 -3.37	30.79 2.05 -4.62	31.77 2.17 -3.73	31.78 2.32 -0.53	34.22 2.49 -0.27	39.18 2.68 -0.24	43.03 3.36 -0.11	53.70 4.23 -3.95	54.65 4.28 -1.24	47.83 3.66 -1.06	36.98 2.35 0.00	32.23 2.22 -0.07	27.14 1.96 0.00	26.07 1.75 0.00
GRISSOM___SOLAR 323813	23.87 2.37 0.00	21.54 2.08 0.00	20.23 1.92 0.00	19.55 1.87 0.00	19.35 1.73 0.00	20.51 1.80 0.00	26.80 2.91 0.00	29.51 3.16 0.00	27.33 2.69 0.00	26.54 2.54 0.00	25.42 2.29 0.00	26.31 2.19 0.00	28.27 2.46 0.06	31.63 2.69 0.00	34.76 3.24 -0.06	40.27 4.17 0.15	45.21 5.61 -0.04	54.43 7.28 -1.63	58.04 8.45 -0.44	50.95 7.46 -0.38	39.92 5.30 0.00	34.05 4.07 -0.02	28.25 3.07 0.00	27.12 2.80 0.00
GROVEVILLE___HYD 323602	22.60 1.10 0.00	20.33 0.88 0.00	19.13 0.82 0.00	18.42 0.74 0.00	18.33 0.70 0.00	19.50 0.79 0.00	25.28 1.39 0.00	28.04 1.69 0.00	26.27 1.63 0.00	25.44 1.44 0.00	24.50 1.36 0.00	25.42 1.30 0.00	27.35 1.42 -0.05	30.56 1.62 0.00	33.40 1.86 -0.08	38.59 2.18 -0.16	42.58 3.01 -0.02	52.55 3.64 -3.40	53.28 3.88 -0.26	46.74 3.41 -0.22	36.56 1.94 0.00	31.73 1.77 -0.01	26.79 1.61 0.00	25.78 1.46 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	21.77 0.26 0.00	19.71 0.25 0.00	18.51 0.20 0.00	17.86 0.18 0.00	17.80 0.18 0.00	18.94 0.22 0.00	24.65 0.76 0.00	27.09 0.74 0.00	25.24 0.59 0.00	23.95 -0.05 0.00	23.16 0.02 0.00	24.19 0.07 0.00	25.95 0.08 0.00	29.08 0.14 0.00	31.59 0.13 0.00	36.40 0.15 0.00	39.95 0.40 0.00	46.10 0.59 0.00	49.92 0.79 0.00	43.76 0.65 0.00	34.90 0.28 0.00	30.01 0.06 0.00	25.25 0.08 0.00	24.39 0.07 0.00
HAMLTNNY_34_KV_TB 80303	21.74 0.24 0.00	19.67 0.21 0.00	18.47 0.16 0.00	17.82 0.14 0.00	17.76 0.14 0.00	18.90 0.19 0.00	24.94 1.05 0.00	27.43 1.08 0.00	25.53 0.89 0.00	23.88 -0.12 0.00	23.06 -0.07 0.00	24.09 -0.02 0.00	25.87 0.00 0.00	29.00 0.06 0.00	31.53 0.06 0.00	36.36 0.11 0.00	39.87 0.32 0.00	46.01 0.50 0.00	49.83 0.69 0.00	43.67 0.56 0.00	34.80 0.17 0.00	29.95 0.00 0.00	25.15 -0.03 0.00	24.34 0.02 0.00
HAMPSHIRE___PAPER_HYD 323593	21.55 0.04 0.00	19.53 0.08 0.00	18.38 0.07 0.00	17.73 0.05 0.00	17.71 0.09 0.00	18.90 0.19 0.00	24.18 0.29 0.00	26.64 0.29 0.00	25.04 0.39 0.00	24.29 0.29 0.00	23.39 0.25 0.00	24.53 0.41 0.00	26.31 0.44 0.00	29.55 0.61 0.00	32.09 0.63 0.00	37.12 0.87 0.00	40.46 0.91 0.00	45.38 -0.14 0.00	49.09 -0.05 0.00	43.03 -0.09 0.00	35.14 0.52 0.00	30.40 0.45 0.00	25.56 0.38 0.00	24.61 0.29 0.00
HARDSCRABBLE_WT_PWR 323673	21.68 0.17 0.00	19.59 0.14 0.00	18.42 0.11 0.00	17.79 0.11 0.00	17.71 0.09 0.00	18.83 0.11 0.00	24.06 0.17 0.00	26.35 0.00 0.00	24.65 0.00 0.00	24.09 0.10 0.00	23.23 0.09 0.00	24.26 0.15 0.00	26.03 0.16 0.00	29.14 0.20 0.00	31.68 0.22 0.00	36.47 0.22 0.00	39.91 0.36 0.00	45.97 0.46 0.00	49.58 0.44 0.00	43.50 0.39 0.00	34.83 0.21 0.00	30.13 0.18 0.00	25.35 0.18 0.00	24.51 0.19 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	22.47 0.97 0.00	20.20 0.74 0.00	19.00 0.70 0.00	18.31 0.64 0.00	18.24 0.62 0.00	19.43 0.71 0.00	25.13 1.24 0.00	27.82 1.48 0.00	26.12 1.48 0.00	25.34 1.34 0.00	24.38 1.25 0.00	25.35 1.23 0.00	27.24 1.32 -0.05	30.42 1.48 0.00	32.88 1.67 0.25	38.31 1.96 -0.09	42.20 2.77 0.13	52.22 3.32 -3.38	51.22 3.49 1.41	44.93 3.02 1.20	36.32 1.70 0.00	31.40 1.53 0.08	26.56 1.38 0.00	25.54 1.22 0.00

HARSNRAD_115KV_TB1 81005	22.35 0.84 0.00	20.27 0.82 0.00	18.98 0.68 0.00	18.23 0.55 0.00	18.03 0.41 0.00	19.20 0.49 0.00	24.34 0.45 0.00	26.03 -0.32 0.00	24.28 -0.37 0.00	23.85 -0.14 0.00	23.09 -0.05 0.00	24.21 0.10 0.00	25.95 0.08 0.00	29.37 0.43 0.00	32.22 0.76 0.00	37.20 0.94 0.00	40.62 1.07 0.00	46.56 1.05 0.00	50.12 0.98 0.00	44.10 0.99 0.00	34.73 0.10 0.00	29.95 0.00 0.00	25.13 -0.05 0.00	25.29 0.97 0.00
HARZA MOOSE__RIVER 24016	21.94 0.43 0.00	19.86 0.41 0.00	18.69 0.38 0.00	18.03 0.35 0.00	17.99 0.37 0.00	19.20 0.49 0.00	24.61 0.72 0.00	27.03 0.69 0.00	25.26 0.62 0.00	24.52 0.53 0.00	23.62 0.49 0.00	24.74 0.63 0.00	26.52 0.65 0.00	29.81 0.87 0.00	32.38 0.91 0.00	37.38 1.12 0.00	41.02 1.46 0.00	47.10 1.59 0.00	50.96 1.82 0.00	44.75 1.64 0.00	35.83 1.21 0.00	30.79 0.84 0.00	25.81 0.63 0.00	24.90 0.58 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	21.55 0.04 0.00	19.49 0.04 0.00	18.32 0.02 0.00	17.68 0.00 0.00	17.62 0.00 0.00	18.74 0.02 0.00	24.03 0.14 0.00	26.38 0.03 0.00	24.60 -0.05 0.00	23.85 -0.14 0.00	23.02 -0.12 0.00	24.05 -0.07 0.00	25.77 -0.10 0.00	28.85 -0.09 0.00	31.40 -0.06 0.00	36.18 -0.07 0.00	39.67 0.12 0.00	45.78 0.27 0.00	49.48 0.34 0.00	43.41 0.30 0.00	34.59 -0.03 0.00	29.77 -0.18 0.00	25.03 -0.15 0.00	24.20 -0.12 0.00
HELLGATE_13_KV_LD 55870	22.71 1.20 0.00	20.37 0.91 0.00	19.17 0.86 0.00	18.46 0.78 0.00	18.41 0.79 0.00	19.65 0.94 0.00	25.59 1.70 0.00	28.43 2.08 0.00	29.74 2.17 -2.93	30.69 2.06 -4.63	28.42 1.92 -3.37	30.69 1.95 -4.62	31.67 2.07 -3.73	31.64 2.17 -0.53	34.00 2.27 -0.27	38.96 2.47 -0.24	42.87 3.20 -0.11	53.42 3.96 -3.95	54.36 3.98 -1.24	47.58 3.41 -1.06	36.80 2.18 0.00	32.05 2.04 -0.07	27.07 1.89 0.00	25.97 1.65 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	22.71 1.20 0.00	20.37 0.91 0.00	19.17 0.86 0.00	18.46 0.78 0.00	18.41 0.79 0.00	19.65 0.94 0.00	25.59 1.70 0.00	28.43 2.08 0.00	29.74 2.17 -2.93	30.69 2.06 -4.63	28.42 1.92 -3.37	30.69 1.95 -4.62	31.67 2.07 -3.73	31.64 2.17 -0.53	34.00 2.27 -0.27	38.96 2.47 -0.24	42.87 3.20 -0.11	53.42 3.96 -3.95	54.36 3.98 -1.24	47.58 3.41 -1.06	36.80 2.18 0.00	32.05 2.04 -0.07	27.07 1.89 0.00	25.97 1.65 0.00
HEMPSTEAD____ 23647	22.73 1.23 0.00	20.33 0.88 0.00	19.09 0.79 0.00	18.28 0.60 0.00	18.36 0.74 0.00	19.67 0.95 0.00	25.70 1.81 0.00	28.69 2.34 0.00	27.01 2.37 0.00	26.11 2.11 0.00	25.27 2.13 -0.01	28.65 2.12 -2.41	30.28 2.25 -2.16	31.39 2.43 -0.02	34.10 2.36 -0.27	38.78 2.29 -0.24	49.48 3.17 -6.76	60.27 4.51 -10.25	60.41 4.47 -6.80	53.22 4.10 -6.01	46.30 2.63 -9.05	37.30 2.34 -5.01	30.91 2.12 -3.61	27.41 1.95 -1.14
HEWLETT__69_KV_BK3 55828	22.88 1.38 0.00	20.45 0.99 0.00	19.20 0.90 0.00	18.39 0.71 0.00	18.47 0.85 0.00	19.80 1.09 0.00	25.87 1.98 0.00	28.83 2.48 0.00	27.13 2.49 0.00	26.20 2.21 0.00	25.40 2.27 0.00	28.79 2.27 -2.41	30.43 2.41 -2.16	31.53 2.58 -0.02	34.44 2.71 -0.27	39.69 3.19 -0.24	50.39 4.07 -6.76	60.63 4.87 -10.25	61.09 5.16 -6.80	53.65 4.53 -6.01	46.58 2.91 -9.05	37.51 2.55 -5.01	31.13 2.34 -3.61	27.63 2.16 -1.14
HICKLING__1 23621	22.47 0.97 0.00	20.37 0.91 0.00	19.09 0.79 0.00	18.39 0.71 0.00	18.27 0.65 0.00	19.48 0.77 0.00	25.01 1.12 0.00	27.48 1.13 0.00	25.71 1.06 0.00	25.00 1.01 0.00	24.22 1.09 0.00	25.30 1.18 0.00	27.09 1.22 0.00	30.53 1.59 0.00	33.35 1.89 0.00	38.50 2.25 0.00	42.32 2.77 0.00	48.74 3.23 0.00	52.68 3.54 0.00	46.17 3.06 0.00	36.46 1.83 0.00	31.36 1.41 0.00	26.31 1.13 0.00	25.66 1.34 0.00
HICKLING__2 23622	22.47 0.97 0.00	20.37 0.91 0.00	19.09 0.79 0.00	18.39 0.71 0.00	18.27 0.65 0.00	19.48 0.77 0.00	25.01 1.12 0.00	27.48 1.13 0.00	25.71 1.06 0.00	25.00 1.01 0.00	24.22 1.09 0.00	25.30 1.18 0.00	27.09 1.22 0.00	30.53 1.59 0.00	33.35 1.89 0.00	38.50 2.25 0.00	42.32 2.77 0.00	48.74 3.23 0.00	52.68 3.54 0.00	46.17 3.06 0.00	36.46 1.83 0.00	31.36 1.41 0.00	26.31 1.13 0.00	25.66 1.34 0.00
HIGH FALLS__HY 23754	22.45 0.95 0.00	20.20 0.74 0.00	19.00 0.70 0.00	18.30 0.62 0.00	18.20 0.58 0.00	19.41 0.69 0.00	25.06 1.17 0.00	27.67 1.32 0.00	25.95 1.31 0.00	25.12 1.13 0.00	24.20 1.06 0.00	25.15 1.04 0.00	27.06 1.16 -0.02	30.27 1.33 0.00	32.98 1.51 -0.01	38.02 1.70 -0.06	42.01 2.45 0.00	50.13 2.87 -1.76	52.19 3.05 0.00	45.70 2.59 0.00	36.01 1.38 0.00	31.30 1.35 0.00	26.51 1.33 0.00	25.54 1.22 0.00
HILLBURN__GT 23639	22.48 0.97 0.00	20.18 0.72 0.00	18.98 0.68 0.00	18.30 0.62 0.00	18.24 0.62 0.00	19.43 0.71 0.00	25.20 1.31 0.00	27.90 1.55 0.00	26.25 1.60 0.00	25.48 1.49 0.00	24.52 1.39 0.00	25.49 1.37 0.00	27.37 1.45 -0.06	30.50 1.56 0.00	32.92 1.73 0.27	38.24 1.88 -0.10	41.95 2.53 0.14	52.69 3.42 -3.76	51.10 3.49 1.53	44.91 3.11 1.31	36.35 1.73 0.00	31.39 1.53 0.08	26.54 1.36 0.00	25.49 1.17 0.00
HILLSIDE_115KV_TB1 80332	22.15 0.65 0.00	20.06 0.60 0.00	18.82 0.51 0.00	18.12 0.44 0.00	18.01 0.39 0.00	19.20 0.49 0.00	24.63 0.74 0.00	27.01 0.66 0.00	25.31 0.67 0.00	24.62 0.62 0.00	23.83 0.69 0.00	24.87 0.75 0.00	26.59 0.72 0.00	29.95 1.01 0.00	32.72 1.26 0.00	37.78 1.52 0.00	41.53 1.98 0.00	47.79 2.28 0.00	51.60 2.46 0.00	45.27 2.16 0.00	35.76 1.14 0.00	30.76 0.81 0.00	25.83 0.65 0.00	25.15 0.83 0.00
HISHELDN_WT_PWR 323625	22.56 1.05 0.00	20.37 0.91 0.00	19.15 0.84 0.00	18.40 0.73 0.00	18.22 0.60 0.00	19.45 0.73 0.00	24.77 0.88 0.00	26.85 0.50 0.00	25.04 0.39 0.00	24.55 0.55 0.00	23.78 0.65 0.00	24.91 0.79 0.00	26.70 0.83 0.00	30.18 1.24 0.00	33.04 1.57 0.00	38.18 1.92 0.00	41.93 2.37 0.00	47.92 2.41 0.00	51.84 2.70 0.00	45.48 2.37 0.00	35.73 1.11 0.00	30.79 0.84 0.00	25.86 0.68 0.00	25.66 1.34 0.00
HOLTSVILLE_IC_1 23690	23.14 1.63 0.00	20.66 1.21 0.00	19.40 1.10 0.00	18.53 0.85 0.00	18.68 1.06 0.00	20.10 1.39 0.00	26.40 2.51 0.00	29.63 3.27 -0.01	27.86 3.20 -0.01	26.83 2.83 0.00	25.94 2.80 -0.01	29.25 2.72 -2.41	30.92 2.90 -2.16	32.20 3.24 -0.02	34.77 3.02 -0.28	39.19 2.68 -0.25	49.89 3.56 -6.77	60.82 5.05 -10.26	60.81 4.87 -6.81	53.70 4.57 -6.02	47.04 3.36 -9.06	37.91 2.94 -5.02	31.67 2.87 -3.62	28.16 2.70 -1.14
HOLTSVILLE_IC_10 23699	23.27 1.76 0.00	20.76 1.30 0.00	19.49 1.19 0.00	18.60 0.92 0.00	18.77 1.14 0.00	20.20 1.48 0.00	26.54 2.65 0.00	29.84 3.48 -0.01	28.08 3.42 -0.01	27.04 3.05 0.00	26.17 3.03 -0.01	29.49 2.97 -2.41	31.18 3.16 -2.16	32.48 3.53 -0.02	35.08 3.33 -0.28	39.59 3.08 -0.25	50.37 4.04 -6.77	61.37 5.60 -10.26	61.40 5.45 -6.81	54.22 5.08 -6.02	47.42 3.74 -9.06	38.24 3.27 -5.02	31.92 3.12 -3.63	28.40 2.94 -1.14

HOLTSVILLE_IC_2 23691	23.14 1.63 0.00	20.66 1.21 0.00	19.40 1.10 0.00	18.53 0.85 0.00	18.68 1.06 0.00	20.10 1.39 0.00	26.40 2.51 0.00	29.63 3.27 -0.01	27.86 3.20 -0.01	26.83 2.83 0.00	25.94 2.80 -0.01	29.25 2.72 -2.41	30.92 2.90 -2.16	32.20 3.24 -0.02	34.77 3.02 -0.28	39.19 2.68 -0.25	49.89 3.56 -6.77	60.82 5.05 -10.26	60.81 4.87 -6.81	53.70 4.57 -6.02	47.04 3.36 -9.06	37.91 2.94 -5.02	31.67 2.87 -3.62	28.16 2.70 -1.14
HOLTSVILLE_IC_3 23692	23.14 1.63 0.00	20.66 1.21 0.00	19.40 1.10 0.00	18.53 0.85 0.00	18.68 1.06 0.00	20.10 1.39 0.00	26.40 2.51 0.00	29.63 3.27 -0.01	27.86 3.20 -0.01	26.83 2.83 0.00	25.94 2.80 -0.01	29.25 2.72 -2.41	30.92 2.90 -2.16	32.20 3.24 -0.02	34.77 3.02 -0.28	39.19 2.68 -0.25	49.89 3.56 -6.77	60.82 5.05 -10.26	60.81 4.87 -6.81	53.70 4.57 -6.02	47.04 3.36 -9.06	37.91 2.94 -5.02	31.67 2.87 -3.62	28.16 2.70 -1.14
HOLTSVILLE_IC_4 23693	23.14 1.63 0.00	20.66 1.21 0.00	19.40 1.10 0.00	18.53 0.85 0.00	18.68 1.06 0.00	20.10 1.39 0.00	26.40 2.51 0.00	29.63 3.27 -0.01	27.86 3.20 -0.01	26.83 2.83 0.00	25.94 2.80 -0.01	29.25 2.72 -2.41	30.92 2.90 -2.16	32.20 3.24 -0.02	34.77 3.02 -0.28	39.19 2.68 -0.25	49.89 3.56 -6.77	60.82 5.05 -10.26	60.81 4.87 -6.81	53.70 4.57 -6.02	47.04 3.36 -9.06	37.91 2.94 -5.02	31.67 2.87 -3.62	28.16 2.70 -1.14
HOLTSVILLE_IC_5 23694	23.14 1.63 0.00	20.66 1.21 0.00	19.40 1.10 0.00	18.53 0.85 0.00	18.68 1.06 0.00	20.10 1.39 0.00	26.40 2.51 0.00	29.63 3.27 -0.01	27.86 3.20 -0.01	26.83 2.83 0.00	25.94 2.80 -0.01	29.25 2.72 -2.41	30.92 2.90 -2.16	32.20 3.24 -0.02	34.77 3.02 -0.28	39.19 2.68 -0.25	49.89 3.56 -6.77	60.82 5.05 -10.26	60.81 4.87 -6.81	53.70 4.57 -6.02	47.04 3.36 -9.06	37.91 2.94 -5.02	31.67 2.87 -3.62	28.16 2.70 -1.14
HOLTSVILLE_IC_6 23695	23.27 1.76 0.00	20.76 1.30 0.00	19.49 1.19 0.00	18.60 0.92 0.00	18.77 1.14 0.00	20.20 1.48 0.00	26.54 2.65 0.00	29.84 3.48 -0.01	28.08 3.42 -0.01	27.04 3.05 0.00	26.17 3.03 -0.01	29.49 2.97 -2.41	31.18 3.16 -2.16	32.48 3.53 -0.02	35.08 3.33 -0.28	39.59 3.08 -0.25	50.37 4.04 -6.77	61.37 5.60 -10.26	61.40 5.45 -6.81	54.22 5.08 -6.02	47.42 3.74 -9.06	38.24 3.27 -5.02	31.92 3.12 -3.63	28.40 2.94 -1.14
HOLTSVILLE_IC_7 23696	23.27 1.76 0.00	20.76 1.30 0.00	19.49 1.19 0.00	18.60 0.92 0.00	18.77 1.14 0.00	20.20 1.48 0.00	26.54 2.65 0.00	29.84 3.48 -0.01	28.08 3.42 -0.01	27.04 3.05 0.00	26.17 3.03 -0.01	29.49 2.97 -2.41	31.18 3.16 -2.16	32.48 3.53 -0.02	35.08 3.33 -0.28	39.59 3.08 -0.25	50.37 4.04 -6.77	61.37 5.60 -10.26	61.40 5.45 -6.81	54.22 5.08 -6.02	47.42 3.74 -9.06	38.24 3.27 -5.02	31.92 3.12 -3.63	28.40 2.94 -1.14
HOLTSVILLE_IC_8 23697	23.27 1.76 0.00	20.76 1.30 0.00	19.49 1.19 0.00	18.60 0.92 0.00	18.77 1.14 0.00	20.20 1.48 0.00	26.54 2.65 0.00	29.84 3.48 -0.01	28.08 3.42 -0.01	27.04 3.05 0.00	26.17 3.03 -0.01	29.49 2.97 -2.41	31.18 3.16 -2.16	32.48 3.53 -0.02	35.08 3.33 -0.28	39.59 3.08 -0.25	50.37 4.04 -6.77	61.37 5.60 -10.26	61.40 5.45 -6.81	54.22 5.08 -6.02	47.42 3.74 -9.06	38.24 3.27 -5.02	31.92 3.12 -3.63	28.40 2.94 -1.14
HOLTSVILLE_IC_9 23698	23.27 1.76 0.00	20.76 1.30 0.00	19.49 1.19 0.00	18.60 0.92 0.00	18.77 1.14 0.00	20.20 1.48 0.00	26.54 2.65 0.00	29.84 3.48 -0.01	28.08 3.42 -0.01	27.04 3.05 0.00	26.17 3.03 -0.01	29.49 2.97 -2.41	31.18 3.16 -2.16	32.48 3.53 -0.02	35.08 3.33 -0.28	39.59 3.08 -0.25	50.37 4.04 -6.77	61.37 5.60 -10.26	61.40 5.45 -6.81	54.22 5.08 -6.02	47.42 3.74 -9.06	38.24 3.27 -5.02	31.92 3.12 -3.63	28.40 2.94 -1.14
HOMER_HL_115KV_TB2 355744	23.31 1.81 0.00	21.11 1.65 0.00	19.77 1.46 0.00	18.99 1.31 0.00	18.78 1.16 0.00	20.08 1.37 0.00	25.66 1.77 0.00	27.96 1.61 0.00	26.57 1.92 0.00	26.06 2.06 0.00	25.24 2.11 0.00	26.38 2.27 0.00	27.84 1.97 0.00	31.49 2.55 0.00	34.61 3.15 0.00	39.55 3.30 0.00	43.39 3.84 0.00	49.75 4.23 0.00	53.52 4.37 0.00	47.08 3.97 0.00	36.91 2.29 0.00	32.08 2.13 0.00	26.86 1.69 0.00	26.56 2.24 0.00
HOWARD_WT_PWR 323690	22.97 1.46 0.00	20.74 1.28 0.00	19.48 1.17 0.00	18.72 1.04 0.00	18.59 0.97 0.00	19.88 1.16 0.00	25.47 1.58 0.00	27.80 1.45 0.00	25.98 1.33 0.00	25.32 1.32 0.00	24.52 1.39 0.00	25.66 1.54 0.00	27.47 1.60 0.00	30.96 2.03 0.00	33.85 2.39 0.00	39.05 2.79 0.00	42.99 3.44 0.00	49.43 3.91 0.00	53.56 4.42 0.00	47.00 3.88 0.00	36.94 2.32 0.00	31.72 1.77 0.00	26.66 1.49 0.00	26.19 1.87 0.00
HQ_GEN_CEDARS 23644	21.18 -0.32 0.00	19.22 -0.23 0.00	18.09 -0.22 0.00	17.47 -0.21 0.00	17.44 -0.18 0.00	18.55 -0.17 0.00	23.60 -0.29 0.00	26.06 -0.29 0.00	24.37 -0.27 0.00	23.73 -0.26 0.00	22.90 -0.23 0.00	23.92 -0.19 0.00	25.66 -0.21 0.00	28.77 -0.17 0.00	31.24 -0.22 0.00	36.07 -0.18 0.00	38.33 -1.23 0.00	43.55 -1.96 0.00	47.03 -2.11 0.00	41.17 -1.94 0.00	34.31 -0.31 0.00	29.77 -0.18 0.00	25.05 -0.13 0.00	24.10 -0.22 0.00
HQ_GEN_CEDARS_PROXY 323590	21.19 -0.32 0.00	19.22 -0.23 0.00	18.09 -0.22 0.00	17.47 -0.21 0.00	17.44 -0.18 0.00	18.55 -0.17 0.00	23.60 -0.29 0.00	26.06 -0.29 0.00	24.37 -0.27 0.00	23.73 -0.26 0.00	22.90 -0.23 0.00	23.92 -0.19 0.00	25.66 -0.21 0.00	28.77 -0.17 0.00	31.24 -0.22 0.00	36.11 -0.14 0.00	38.92 -0.63 0.00	43.56 -1.96 0.00	46.98 -2.16 0.00	41.17 -1.94 0.00	34.31 -0.31 0.00	29.74 -0.21 0.00	25.05 -0.13 0.00	24.12 -0.20 0.00
HQ_GEN_IMPORT 323601	21.25 -0.26 0.00	19.26 -0.19 0.00	18.12 -0.18 0.00	17.50 -0.18 0.00	17.46 -0.16 0.00	18.55 -0.17 0.00	23.58 -0.31 0.00	26.03 -0.32 0.00	24.35 -0.29 0.00	23.73 -0.26 0.00	22.88 -0.25 0.00	23.85 -0.26 0.00	25.61 -0.26 0.00	28.65 -0.29 0.00	31.15 -0.31 0.00	37.34 -0.33 -1.41	37.39 -0.75 1.41	44.33 -1.18 0.00	47.86 -1.28 0.00	38.77 -1.16 3.18	37.35 -0.45 -3.18	29.65 -0.30 0.00	24.93 -0.25 0.00	24.05 -0.27 0.00
HQ_GEN_WHEEL 23651	21.25 -0.26 0.00	19.26 -0.19 0.00	18.12 -0.18 0.00	17.50 -0.18 0.00	17.46 -0.16 0.00	18.55 -0.17 0.00	23.58 -0.31 0.00	26.03 -0.32 0.00	24.35 -0.29 0.00	23.73 -0.26 0.00	22.88 -0.25 0.00	23.85 -0.26 0.00	25.61 -0.26 0.00	28.65 -0.29 0.00	31.15 -0.31 0.00	37.34 -0.33 -1.41	37.39 -0.75 1.41	44.33 -1.18 0.00	47.86 -1.28 0.00	38.77 -1.16 3.18	37.35 -0.45 -3.18	29.65 -0.30 0.00	24.93 -0.25 0.00	24.05 -0.27 0.00
HUDSON_AVE_GT_3 23810	22.65 1.14 0.00	20.29 0.84 0.00	19.09 0.79 0.00	18.39 0.71 0.00	18.33 0.70 0.00	19.60 0.88 0.00	25.51 1.62 0.00	28.35 2.00 0.00	26.76 2.12 0.00	26.01 2.02 0.00	25.01 1.87 0.00	26.02 1.91 0.00	27.93 1.99 -0.07	31.02 2.08 0.00	33.94 2.20 -0.27	38.93 2.43 -0.24	42.99 3.32 -0.11	53.56 4.10 -3.95	54.60 4.23 -1.24	47.83 3.66 -1.06	36.80 2.18 0.00	31.96 1.95 -0.07	26.99 1.81 0.00	25.90 1.58 0.00

HUDSON AVE_GT_4 23540	22.65 1.14 0.00	20.29 0.84 0.00	19.09 0.79 0.00	18.39 0.71 0.00	18.33 0.70 0.00	19.60 0.88 0.00	25.51 1.62 0.00	28.35 2.00 0.00	26.76 2.12 0.00	26.01 2.02 0.00	25.01 1.87 0.00	26.02 1.91 0.00	27.93 1.99 -0.07	31.02 2.08 0.00	33.94 2.20 -0.27	38.93 2.43 -0.24	42.99 3.32 -0.11	53.56 4.10 -3.95	54.60 4.23 -1.24	47.83 3.66 -1.06	36.80 2.18 0.00	31.96 1.95 -0.07	26.99 1.81 0.00	25.90 1.58 0.00
HUDSON AVE_GT_5 23657	22.65 1.14 0.00	20.29 0.84 0.00	19.09 0.79 0.00	18.39 0.71 0.00	18.33 0.70 0.00	19.60 0.88 0.00	25.51 1.62 0.00	28.35 2.00 0.00	26.76 2.12 0.00	26.01 2.02 0.00	25.01 1.87 0.00	26.02 1.91 0.00	27.93 1.99 -0.07	31.02 2.08 0.00	33.94 2.20 -0.27	38.93 2.43 -0.24	42.99 3.32 -0.11	53.56 4.10 -3.95	54.60 4.23 -1.24	47.83 3.66 -1.06	36.80 2.18 0.00	31.96 1.95 -0.07	26.99 1.81 0.00	25.90 1.58 0.00
HUDSON_AVE_10 24168	22.60 1.10 0.00	20.21 0.76 0.00	19.02 0.71 0.00	18.31 0.64 0.00	18.25 0.63 0.00	19.52 0.80 0.00	25.44 1.55 0.00	28.25 1.90 0.00	26.69 2.05 0.00	25.94 1.94 0.00	24.89 1.76 0.00	25.93 1.81 0.00	27.83 1.89 -0.07	30.88 1.94 0.00	33.75 2.01 -0.27	38.75 2.25 -0.24	42.79 3.12 -0.11	53.38 3.91 -3.95	54.41 4.03 -1.24	47.66 3.49 -1.06	36.63 2.01 0.00	31.81 1.80 -0.07	26.91 1.74 0.00	25.80 1.48 0.00
HUDSON___115KV_TB 4 355613	22.30 0.80 0.00	20.18 0.72 0.00	18.98 0.68 0.00	18.35 0.67 0.00	18.22 0.60 0.00	19.15 0.43 0.00	24.68 0.79 0.00	27.40 1.05 0.00	25.53 0.89 0.00	24.79 0.79 0.00	23.83 0.69 0.00	24.77 0.65 0.00	26.65 0.83 0.05	29.55 0.61 0.00	32.37 0.85 -0.06	37.19 1.05 0.12	41.41 1.82 -0.04	49.62 2.32 -1.79	52.17 2.60 -0.43	45.89 2.41 -0.36	35.94 1.32 0.00	31.02 1.05 -0.02	26.06 0.88 0.00	25.32 1.00 0.00
HUNTER MOUNT___DRP 323613	22.39 0.88 0.00	20.27 0.82 0.00	19.07 0.77 0.00	18.42 0.74 0.00	18.27 0.65 0.00	19.15 0.43 0.00	24.68 0.79 0.00	27.38 1.03 0.00	25.46 0.81 0.00	24.67 0.67 0.00	23.71 0.58 0.00	24.62 0.51 0.00	26.61 0.78 0.03	29.40 0.46 0.00	32.37 0.85 -0.06	37.26 1.09 0.08	41.49 1.90 -0.03	49.73 2.37 -1.85	52.22 2.70 -0.38	45.93 2.50 -0.32	35.87 1.25 0.00	30.99 1.02 -0.02	26.03 0.86 0.00	25.41 1.09 0.00
HUNTINGTON_RES_REC 323705	23.03 1.53 0.00	20.56 1.11 0.00	19.29 0.99 0.00	18.44 0.76 0.00	18.57 0.95 0.00	19.97 1.25 0.00	26.21 2.32 0.00	29.41 3.06 -0.01	27.71 3.06 -0.01	26.68 2.69 0.00	25.82 2.68 -0.01	29.18 2.65 -2.41	30.87 2.85 -2.16	32.02 3.07 -0.02	34.52 2.80 -0.26	39.06 2.57 -0.23	49.82 3.52 -6.75	61.13 5.32 -10.29	61.18 5.21 -6.84	54.03 4.87 -6.05	46.95 3.29 -9.04	37.97 3.02 -5.00	31.55 2.77 -3.60	28.04 2.58 -1.14
HUNTLEY___63 23557	22.54 1.03 0.00	20.43 0.97 0.00	19.11 0.81 0.00	18.35 0.67 0.00	18.15 0.53 0.00	19.34 0.62 0.00	24.56 0.67 0.00	26.48 0.13 0.00	24.72 0.07 0.00	24.28 0.29 0.00	23.53 0.39 0.00	24.67 0.55 0.00	26.47 0.60 0.00	29.95 1.01 0.00	32.88 1.42 0.00	37.92 1.67 0.00	41.45 1.90 0.00	47.51 2.00 0.00	51.15 2.01 0.00	45.01 1.90 0.00	35.42 0.80 0.00	30.49 0.54 0.00	25.58 0.40 0.00	25.54 1.22 0.00
HUNTLEY___64 23558	22.54 1.03 0.00	20.43 0.97 0.00	19.11 0.81 0.00	18.35 0.67 0.00	18.15 0.53 0.00	19.34 0.62 0.00	24.56 0.67 0.00	26.48 0.13 0.00	24.72 0.07 0.00	24.28 0.29 0.00	23.53 0.39 0.00	24.67 0.55 0.00	26.47 0.60 0.00	29.95 1.01 0.00	32.88 1.42 0.00	37.92 1.67 0.00	41.45 1.90 0.00	47.51 2.00 0.00	51.15 2.01 0.00	45.01 1.90 0.00	35.42 0.80 0.00	30.49 0.54 0.00	25.58 0.40 0.00	25.54 1.22 0.00
HUNTLEY___65 23559	22.54 1.03 0.00	20.43 0.97 0.00	19.11 0.81 0.00	18.35 0.67 0.00	18.15 0.53 0.00	19.34 0.62 0.00	24.56 0.67 0.00	26.48 0.13 0.00	24.72 0.07 0.00	24.28 0.29 0.00	23.53 0.39 0.00	24.67 0.55 0.00	26.47 0.60 0.00	29.95 1.01 0.00	32.88 1.42 0.00	37.92 1.67 0.00	41.45 1.90 0.00	47.51 2.00 0.00	51.15 2.01 0.00	45.01 1.90 0.00	35.42 0.80 0.00	30.49 0.54 0.00	25.58 0.40 0.00	25.54 1.22 0.00
HUNTLEY___66 23560	22.54 1.03 0.00	20.43 0.97 0.00	19.11 0.81 0.00	18.35 0.67 0.00	18.15 0.53 0.00	19.34 0.62 0.00	24.56 0.67 0.00	26.48 0.13 0.00	24.72 0.07 0.00	24.28 0.29 0.00	23.53 0.39 0.00	24.67 0.55 0.00	26.47 0.60 0.00	29.95 1.01 0.00	32.88 1.42 0.00	37.92 1.67 0.00	41.45 1.90 0.00	47.51 2.00 0.00	51.15 2.01 0.00	45.01 1.90 0.00	35.42 0.80 0.00	30.49 0.54 0.00	25.58 0.40 0.00	25.54 1.22 0.00
HUNTLEY___67 23561	22.39 0.88 0.00	20.29 0.84 0.00	19.00 0.70 0.00	18.24 0.57 0.00	18.06 0.44 0.00	19.26 0.54 0.00	24.46 0.57 0.00	26.43 0.08 0.00	24.65 0.00 0.00	24.19 0.19 0.00	23.43 0.30 0.00	24.55 0.43 0.00	26.34 0.47 0.00	29.81 0.87 0.00	32.66 1.20 0.00	37.71 1.45 0.00	41.18 1.62 0.00	47.20 1.68 0.00	50.81 1.67 0.00	44.75 1.64 0.00	35.25 0.62 0.00	30.37 0.42 0.00	25.48 0.30 0.00	25.39 1.07 0.00
HUNTLEY___68 23562	22.39 0.88 0.00	20.29 0.84 0.00	19.00 0.70 0.00	18.24 0.57 0.00	18.06 0.44 0.00	19.26 0.54 0.00	24.46 0.57 0.00	26.43 0.08 0.00	24.65 0.00 0.00	24.19 0.19 0.00	23.43 0.30 0.00	24.55 0.43 0.00	26.34 0.47 0.00	29.81 0.87 0.00	32.66 1.20 0.00	37.71 1.45 0.00	41.18 1.62 0.00	47.20 1.68 0.00	50.81 1.67 0.00	44.75 1.64 0.00	35.25 0.62 0.00	30.37 0.42 0.00	25.48 0.30 0.00	25.39 1.07 0.00
HYLAND___LFGE 323620	23.31 1.81 0.00	20.99 1.54 0.00	19.68 1.37 0.00	18.95 1.27 0.00	18.85 1.23 0.00	20.22 1.50 0.00	25.85 1.96 0.00	28.38 2.03 0.00	26.32 1.68 0.00	25.51 1.51 0.00	24.57 1.43 0.00	25.64 1.52 0.00	27.55 1.68 0.00	30.36 1.42 0.00	33.29 1.82 0.00	38.83 2.57 0.00	42.91 3.36 0.00	49.61 4.10 0.00	54.05 4.91 0.00	47.42 4.31 0.00	37.36 2.73 0.00	31.99 2.04 0.00	27.32 2.14 0.00	26.70 2.38 0.00
INDECK___CORINTH 23802	22.13 0.62 0.00	19.98 0.53 0.00	18.78 0.48 0.00	18.16 0.48 0.00	18.03 0.41 0.00	19.09 0.37 0.00	24.73 0.84 0.00	27.64 1.29 0.00	25.78 1.13 0.00	25.12 1.13 0.00	24.20 1.06 0.00	25.11 0.99 0.00	26.73 0.93 0.07	29.92 0.98 0.00	32.65 1.13 -0.05	37.44 1.38 0.19	41.45 1.86 -0.04	49.91 2.73 -1.67	53.23 3.64 -0.45	46.69 3.19 -0.39	36.94 2.32 0.00	31.74 1.77 -0.02	26.46 1.28 0.00	25.49 1.17 0.00
INDECK___ILION 23567	21.66 0.15 0.00	19.57 0.12 0.00	18.42 0.11 0.00	17.78 0.11 0.00	17.73 0.11 0.00	18.83 0.11 0.00	24.06 0.17 0.00	26.45 0.11 0.00	24.74 0.10 0.00	24.14 0.14 0.00	23.25 0.12 0.00	24.29 0.17 0.00	26.05 0.18 0.00	29.14 0.20 0.00	31.68 0.22 0.00	36.51 0.25 0.00	39.99 0.44 0.00	46.06 0.55 0.00	49.73 0.59 0.00	43.63 0.52 0.00	34.90 0.28 0.00	30.16 0.21 0.00	25.35 0.18 0.00	24.49 0.17 0.00



INDECK___OLEAN 23982	23.31 1.81 0.00	21.05 1.60 0.00	19.77 1.47 0.00	18.99 1.31 0.00	18.78 1.16 0.00	20.08 1.37 0.00	25.66 1.77 0.00	27.96 1.61 0.00	26.57 1.92 0.00	26.06 2.06 0.00	25.24 2.10 0.00	26.38 2.27 0.00	27.84 1.97 0.00	31.49 2.55 0.00	34.55 3.09 0.00	39.55 3.30 0.00	43.51 3.96 0.00	49.75 4.23 0.00	53.66 4.52 0.00	47.17 4.05 0.00	36.87 2.25 0.00	32.08 2.13 0.00	26.86 1.69 0.00	26.63 2.31 0.00
INDECK___OSWEGO 23783	22.04 0.54 0.00	19.94 0.49 0.00	18.73 0.42 0.00	18.07 0.39 0.00	18.03 0.41 0.00	19.20 0.49 0.00	24.75 0.86 0.00	27.19 0.84 0.00	25.33 0.69 0.00	24.33 0.34 0.00	23.53 0.39 0.00	24.63 0.51 0.00	26.44 0.57 0.00	29.69 0.75 0.00	31.84 0.38 0.00	36.62 0.36 0.00	40.23 0.67 0.00	46.51 1.00 0.00	50.47 1.33 0.00	44.23 1.12 0.00	35.28 0.66 0.00	30.67 0.72 0.00	25.73 0.55 0.00	24.85 0.53 0.00
INDECK___YERKES 23781	22.56 1.05 0.00	20.35 0.90 0.00	19.15 0.84 0.00	18.37 0.69 0.00	18.17 0.55 0.00	19.35 0.64 0.00	24.58 0.69 0.00	26.51 0.16 0.00	24.74 0.10 0.00	24.31 0.31 0.00	23.55 0.42 0.00	24.70 0.58 0.00	26.49 0.62 0.00	30.01 1.07 0.00	32.88 1.42 0.00	38.03 1.78 0.00	41.73 2.17 0.00	47.56 2.05 0.00	51.40 2.26 0.00	45.14 2.03 0.00	35.42 0.80 0.00	30.55 0.60 0.00	25.63 0.45 0.00	25.58 1.26 0.00
INDIAN POINT_GT_1 24139	22.47 0.97 0.00	20.18 0.72 0.00	18.98 0.68 0.00	18.30 0.62 0.00	18.25 0.63 0.00	19.47 0.75 0.00	25.25 1.36 0.00	28.06 1.71 0.00	26.40 1.75 0.00	25.63 1.63 0.00	24.68 1.55 0.00	25.64 1.52 0.00	27.57 1.63 -0.06	30.68 1.74 0.00	33.61 1.86 -0.29	38.63 2.14 -0.24	42.64 2.97 -0.12	53.42 3.69 -4.23	54.30 3.83 -1.33	47.61 3.36 -1.13	36.56 1.94 0.00	31.76 1.74 -0.07	26.71 1.54 0.00	25.66 1.34 0.00
INDIAN POINT_GT_2 23659	22.47 0.97 0.00	20.18 0.72 0.00	18.98 0.68 0.00	18.30 0.62 0.00	18.25 0.63 0.00	19.47 0.75 0.00	25.25 1.36 0.00	28.06 1.71 0.00	26.40 1.75 0.00	25.63 1.63 0.00	24.68 1.55 0.00	25.64 1.52 0.00	27.57 1.63 -0.06	30.68 1.74 0.00	33.61 1.86 -0.29	38.63 2.14 -0.24	42.64 2.97 -0.12	53.42 3.69 -4.23	54.30 3.83 -1.33	47.61 3.36 -1.13	36.56 1.94 0.00	31.76 1.74 -0.07	26.71 1.54 0.00	25.66 1.34 0.00
INDIAN POINT_GT_3 24019	22.47 0.97 0.00	20.18 0.72 0.00	18.98 0.68 0.00	18.30 0.62 0.00	18.25 0.63 0.00	19.47 0.75 0.00	25.25 1.36 0.00	28.06 1.71 0.00	26.40 1.75 0.00	25.63 1.63 0.00	24.68 1.55 0.00	25.64 1.52 0.00	27.57 1.63 -0.06	30.68 1.74 0.00	33.61 1.86 -0.29	38.63 2.14 -0.24	42.64 2.97 -0.12	53.42 3.69 -4.23	54.30 3.83 -1.33	47.61 3.36 -1.13	36.56 1.94 0.00	31.76 1.74 -0.07	26.71 1.54 0.00	25.66 1.34 0.00
INDIAN POINT___2 23530	22.45 0.95 0.00	20.16 0.70 0.00	18.96 0.66 0.00	18.28 0.60 0.00	18.24 0.62 0.00	19.45 0.73 0.00	25.20 1.31 0.00	28.01 1.66 0.00	26.34 1.70 0.00	25.58 1.58 0.00	24.64 1.50 0.00	25.59 1.47 0.00	27.51 1.58 -0.06	30.62 1.68 0.00	33.62 1.82 -0.33	38.45 1.96 -0.24	42.30 2.61 -0.14	53.66 3.55 -4.60	54.33 3.64 -1.56	47.68 3.24 -1.33	36.49 1.87 0.00	31.68 1.65 -0.08	26.66 1.49 0.00	25.63 1.31 0.00
INDIAN POINT___3 23531	22.45 0.95 0.00	20.16 0.70 0.00	18.96 0.66 0.00	18.28 0.60 0.00	18.24 0.62 0.00	19.45 0.73 0.00	25.20 1.31 0.00	28.01 1.66 0.00	26.35 1.70 0.00	25.58 1.58 0.00	24.61 1.48 0.00	25.59 1.47 0.00	27.49 1.55 -0.06	30.62 1.68 0.00	33.55 1.79 -0.29	38.52 2.03 -0.24	42.52 2.85 -0.12	53.29 3.55 -4.23	54.17 3.69 -1.34	47.45 3.19 -1.15	36.49 1.87 0.00	31.67 1.65 -0.07	26.66 1.49 0.00	25.61 1.29 0.00
INGHAM_C_115KV_TB7 356103	21.70 0.19 0.00	19.63 0.18 0.00	18.45 0.15 0.00	17.82 0.14 0.00	17.74 0.12 0.00	18.87 0.15 0.00	24.11 0.22 0.00	26.38 0.03 0.00	24.67 0.02 0.00	24.09 0.10 0.00	23.25 0.12 0.00	24.29 0.17 0.00	26.05 0.18 0.00	29.14 0.20 0.00	31.68 0.22 0.00	36.47 0.22 0.00	39.95 0.40 0.00	46.01 0.50 0.00	49.63 0.49 0.00	43.59 0.47 0.00	34.86 0.24 0.00	30.16 0.21 0.00	25.35 0.18 0.00	24.51 0.19 0.00
IP CORINTH___1 23988	22.26 0.75 0.00	20.08 0.62 0.00	18.89 0.59 0.00	18.24 0.57 0.00	18.13 0.51 0.00	19.20 0.49 0.00	24.87 0.98 0.00	27.80 1.45 0.00	25.93 1.28 0.00	25.27 1.27 0.00	24.31 1.18 0.00	25.25 1.13 0.00	26.88 1.09 0.07	30.10 1.16 0.00	32.84 1.32 -0.05	37.70 1.63 0.19	41.85 2.25 -0.04	50.19 3.00 -1.67	53.43 3.83 -0.45	46.99 3.49 -0.39	37.15 2.53 0.00	31.92 1.95 -0.02	26.61 1.44 0.00	25.63 1.31 0.00
IP___TICONDEROGA 23804	22.52 1.01 0.00	20.29 0.84 0.00	19.09 0.79 0.00	18.44 0.76 0.00	18.31 0.69 0.00	19.41 0.69 0.00	25.18 1.29 0.00	28.25 1.90 0.00	26.30 1.65 0.00	25.65 1.66 0.00	24.68 1.55 0.00	25.64 1.52 0.00	27.32 1.53 0.07	30.59 1.65 0.00	33.40 1.89 -0.05	38.38 2.32 0.19	42.68 3.09 -0.04	51.19 4.01 -1.68	54.51 4.91 -0.46	47.94 4.44 -0.39	37.84 3.22 0.00	32.49 2.52 -0.02	27.04 1.86 0.00	26.07 1.75 0.00
ISLIP_RES_REC 323679	23.36 1.85 0.00	20.84 1.38 0.00	19.57 1.26 0.00	18.67 0.99 0.00	18.84 1.21 0.00	20.29 1.57 0.00	26.66 2.77 0.00	30.02 3.66 -0.01	28.25 3.60 -0.01	27.19 3.19 0.00	26.33 3.19 -0.01	29.66 3.13 -2.41	31.36 3.34 -2.16	32.72 3.76 -0.02	35.36 3.62 -0.28	39.92 3.41 -0.25	50.72 4.39 -6.77	61.83 6.05 -10.26	61.89 5.94 -6.81	54.65 5.52 -6.02	47.73 4.05 -9.06	38.48 3.50 -5.02	32.10 3.30 -3.62	28.55 3.09 -1.14
JAMAICA__27_KV_LOAD 355505	22.63 1.12 0.00	20.23 0.78 0.00	19.02 0.71 0.00	18.31 0.64 0.00	18.24 0.62 0.00	19.52 0.80 0.00	25.51 1.62 0.00	28.30 1.95 0.00	26.84 2.19 0.00	26.08 2.09 0.00	24.91 1.78 0.00	25.97 1.86 0.00	27.88 1.94 -0.07	30.85 1.91 0.00	33.72 1.98 -0.27	38.71 2.21 -0.24	42.79 3.12 -0.11	53.51 4.05 -3.95	54.55 4.18 -1.24	47.79 3.62 -1.06	36.60 1.97 0.00	31.81 1.80 -0.07	27.04 1.86 0.00	25.90 1.58 0.00
JANIS___SOLAR 323808	22.67 1.16 0.00	20.51 1.05 0.00	19.28 0.97 0.00	18.58 0.90 0.00	18.52 0.90 0.00	19.80 1.09 0.00	25.59 1.70 0.00	28.14 1.79 0.00	26.12 1.48 0.00	25.12 1.13 0.00	24.15 1.02 0.00	25.30 1.18 0.00	27.11 1.24 0.00	30.53 1.59 0.00	33.26 1.79 0.00	38.50 2.25 0.00	42.56 3.00 0.00	49.47 3.96 0.00	53.81 4.67 0.00	47.21 4.10 0.00	37.39 2.77 0.00	31.93 1.98 0.00	26.71 1.54 0.00	25.85 1.53 0.00
JARVIS____ 23743	21.55 0.04 0.00	19.49 0.04 0.00	18.34 0.04 0.00	17.71 0.04 0.00	17.66 0.04 0.00	18.75 0.04 0.00	23.94 0.05 0.00	26.40 0.05 0.00	24.69 0.05 0.00	24.07 0.07 0.00	23.20 0.07 0.00	24.19 0.07 0.00	25.95 0.08 0.00	29.03 0.09 0.00	31.56 0.09 0.00	36.36 0.11 0.00	39.75 0.20 0.00	45.87 0.36 0.00	49.49 0.35 0.00	43.46 0.34 0.00	34.76 0.14 0.00	30.04 0.09 0.00	25.25 0.08 0.00	24.39 0.07 0.00

JENNISON___1 23625	22.73 1.23 0.00	20.58 1.13 0.00	19.35 1.04 0.00	18.67 0.99 0.00	18.59 0.97 0.00	19.88 1.16 0.00	25.63 1.74 0.00	28.22 1.87 0.00	26.30 1.65 0.00	25.48 1.49 0.00	24.48 1.34 0.00	25.69 1.57 0.00	27.50 1.63 0.00	30.99 2.05 0.00	33.76 2.30 0.00	39.01 2.76 0.00	43.11 3.56 0.00	49.93 4.41 0.00	54.00 4.86 0.00	47.47 4.35 0.00	37.57 2.94 0.00	32.11 2.16 0.00	26.84 1.66 0.00	25.95 1.63 0.00
JENNISON___2 23626	22.73 1.23 0.00	20.58 1.13 0.00	19.35 1.04 0.00	18.67 0.99 0.00	18.59 0.97 0.00	19.88 1.16 0.00	25.63 1.74 0.00	28.22 1.87 0.00	26.30 1.65 0.00	25.48 1.49 0.00	24.48 1.34 0.00	25.69 1.57 0.00	27.50 1.63 0.00	30.99 2.05 0.00	33.76 2.30 0.00	39.01 2.76 0.00	43.11 3.56 0.00	49.93 4.41 0.00	54.00 4.86 0.00	47.47 4.35 0.00	37.57 2.94 0.00	32.11 2.16 0.00	26.84 1.66 0.00	25.95 1.63 0.00
JERICHO_RISE_WT_PWR 323719	20.65 -0.86 0.00	18.72 -0.74 0.00	17.59 -0.71 0.00	16.97 -0.71 0.00	17.00 -0.62 0.00	18.14 -0.58 0.00	23.22 -0.67 0.00	25.88 -0.47 0.00	24.35 -0.29 0.00	23.88 -0.12 0.00	23.18 0.05 0.00	24.26 0.15 0.00	26.08 0.21 0.00	29.26 0.32 0.00	31.78 0.31 0.00	36.80 0.54 0.00	39.71 0.16 0.00	45.29 -0.23 0.00	48.65 -0.49 0.00	42.47 -0.65 0.00	34.80 0.17 0.00	30.04 0.09 0.00	25.33 0.15 0.00	24.39 0.07 0.00
KATONAH___115KV_46KV_TB4 355592	22.56 1.05 0.00	20.27 0.82 0.00	19.09 0.79 0.00	18.39 0.71 0.00	18.36 0.74 0.00	19.58 0.86 0.00	25.42 1.53 0.00	28.30 1.95 0.00	26.59 1.95 0.00	25.82 1.82 0.00	24.85 1.71 0.00	25.81 1.69 0.00	27.75 1.81 -0.07	30.91 1.97 0.00	33.83 2.14 -0.22	38.95 2.47 -0.23	42.96 3.32 -0.09	53.34 4.28 -3.55	54.58 4.47 -0.97	47.91 3.97 -0.83	36.94 2.32 0.00	32.07 2.07 -0.05	26.91 1.74 0.00	25.80 1.48 0.00
KCE_NY_1 323755	22.45 0.95 0.00	20.27 0.82 0.00	19.07 0.77 0.00	18.44 0.76 0.00	18.33 0.71 0.00	19.41 0.69 0.00	25.11 1.22 0.00	27.93 1.58 0.00	26.07 1.43 0.00	25.39 1.39 0.00	24.43 1.29 0.00	25.40 1.28 0.00	27.14 1.34 0.08	30.39 1.45 0.00	33.12 1.60 -0.05	37.94 1.88 0.20	42.13 2.53 -0.04	50.61 3.42 -1.68	53.58 3.98 -0.46	47.04 3.54 -0.39	37.08 2.46 0.00	31.92 1.95 -0.03	26.71 1.54 0.00	25.73 1.41 0.00
KCE_NY_6_ESR 323823	22.80 1.29 0.00	20.56 1.11 0.00	19.33 1.02 0.00	18.56 0.88 0.00	18.36 0.74 0.00	19.60 0.88 0.00	24.94 1.05 0.00	27.01 0.66 0.00	25.14 0.49 0.00	24.69 0.70 0.00	23.94 0.81 0.00	25.11 0.99 0.00	26.96 1.09 0.00	30.53 1.59 0.00	33.45 1.98 0.00	38.65 2.39 0.00	42.44 2.89 0.00	48.43 2.92 0.00	52.34 3.19 0.00	45.92 2.80 0.00	36.01 1.39 0.00	31.06 1.11 0.00	26.06 0.88 0.00	25.92 1.60 0.00
KEDC_PORT_JEFF_GT2 24210	23.21 1.70 0.00	20.70 1.25 0.00	19.44 1.14 0.00	18.56 0.88 0.00	18.71 1.09 0.00	20.14 1.42 0.00	26.45 2.56 0.00	29.73 3.37 -0.01	27.98 3.33 -0.01	26.92 2.93 0.00	26.06 2.91 -0.01	29.39 2.87 -2.41	31.05 3.03 -2.16	32.34 3.38 -0.02	34.93 3.18 -0.29	39.38 2.86 -0.26	50.05 3.72 -6.78	60.92 5.14 -10.27	60.91 4.96 -6.81	53.79 4.66 -6.02	47.04 3.36 -9.06	38.06 3.09 -5.03	31.82 3.02 -3.63	28.28 2.82 -1.14
KEDC_PORT_JEFF_GT3 24211	23.21 1.70 0.00	20.70 1.25 0.00	19.44 1.14 0.00	18.56 0.88 0.00	18.71 1.09 0.00	20.14 1.42 0.00	26.45 2.56 0.00	29.73 3.37 -0.01	27.98 3.33 -0.01	26.92 2.93 0.00	26.06 2.91 -0.01	29.39 2.87 -2.41	31.05 3.03 -2.16	32.34 3.38 -0.02	34.93 3.18 -0.29	39.38 2.86 -0.26	50.05 3.72 -6.78	60.92 5.14 -10.27	60.91 4.96 -6.81	53.79 4.66 -6.02	47.04 3.36 -9.06	38.06 3.09 -5.03	31.82 3.02 -3.63	28.28 2.82 -1.14
KEDC_GLWD_GT4 24219	22.75 1.25 0.00	20.39 0.93 0.00	19.15 0.84 0.00	18.39 0.71 0.00	18.41 0.79 0.00	19.69 0.97 0.00	25.68 1.79 0.00	28.62 2.27 0.00	26.94 2.29 0.00	26.11 2.11 0.00	25.25 2.10 -0.01	28.62 2.10 -2.41	30.28 2.25 -2.16	31.39 2.43 -0.02	34.19 2.46 -0.27	39.00 2.50 -0.24	49.68 3.36 -6.76	60.41 4.64 -10.25	60.61 4.67 -6.80	53.35 4.23 -6.01	46.37 2.70 -9.05	37.33 2.37 -5.01	30.88 2.09 -3.61	27.36 1.90 -1.14
KEDC_GLWD_GT5 24220	22.75 1.25 0.00	20.39 0.93 0.00	19.15 0.84 0.00	18.39 0.71 0.00	18.41 0.79 0.00	19.69 0.97 0.00	25.68 1.79 0.00	28.62 2.27 0.00	26.94 2.29 0.00	26.11 2.11 0.00	25.25 2.10 -0.01	28.62 2.10 -2.41	30.28 2.25 -2.16	31.39 2.43 -0.02	34.19 2.46 -0.27	39.00 2.50 -0.24	49.68 3.36 -6.76	60.41 4.64 -10.25	60.61 4.67 -6.80	53.35 4.23 -6.01	46.37 2.70 -9.05	37.33 2.37 -5.01	30.88 2.09 -3.61	27.36 1.90 -1.14
KENSICO____ 23655	22.52 1.01 0.00	20.21 0.76 0.00	19.02 0.71 0.00	18.33 0.65 0.00	18.29 0.67 0.00	19.52 0.80 0.00	25.35 1.46 0.00	28.17 1.82 0.00	26.52 1.87 0.00	25.75 1.75 0.00	24.78 1.64 0.00	25.76 1.64 0.00	27.67 1.73 -0.07	30.79 1.85 0.00	33.72 1.98 -0.28	38.74 2.25 -0.24	42.75 3.09 -0.11	53.36 3.82 -4.03	54.39 3.98 -1.27	47.69 3.49 -1.09	36.66 2.04 0.00	31.85 1.83 -0.07	26.79 1.61 0.00	25.73 1.41 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	22.47 0.97 0.00	20.21 0.76 0.00	19.02 0.71 0.00	18.31 0.64 0.00	18.20 0.58 0.00	19.39 0.67 0.00	25.08 1.19 0.00	27.72 1.37 0.00	25.98 1.33 0.00	25.15 1.15 0.00	24.22 1.09 0.00	25.18 1.06 0.00	27.06 1.16 -0.03	30.27 1.33 0.00	32.99 1.54 0.01	38.10 1.78 -0.07	42.07 2.53 0.01	49.75 3.00 -1.23	52.20 3.19 0.14	45.75 2.76 0.12	36.11 1.49 0.00	31.35 1.41 0.01	26.54 1.36 0.00	25.58 1.26 0.00
KIAC_JFK_GT1 23816	22.50 0.99 0.00	20.12 0.66 0.00	18.93 0.62 0.00	18.21 0.53 0.00	18.15 0.53 0.00	19.43 0.71 0.00	25.37 1.48 0.00	28.09 1.74 0.00	26.69 2.05 0.00	25.94 1.94 0.00	24.80 1.67 0.00	25.85 1.74 0.00	27.72 1.79 -0.07	30.59 1.65 0.00	33.44 1.70 -0.27	38.35 1.85 -0.24	42.39 2.73 -0.11	53.01 3.55 -3.95	54.01 3.64 -1.24	47.36 3.19 -1.06	36.28 1.66 0.00	31.55 1.53 -0.07	26.91 1.74 0.00	25.78 1.46 0.00
KIAC_JFK_GT2 23817	22.50 0.99 0.00	20.12 0.66 0.00	18.93 0.62 0.00	18.21 0.53 0.00	18.15 0.53 0.00	19.43 0.71 0.00	25.37 1.48 0.00	28.09 1.74 0.00	26.69 2.05 0.00	25.94 1.94 0.00	24.80 1.67 0.00	25.85 1.74 0.00	27.72 1.79 -0.07	30.59 1.65 0.00	33.44 1.70 -0.27	38.35 1.85 -0.24	42.39 2.73 -0.11	53.01 3.55 -3.95	54.01 3.64 -1.24	47.36 3.19 -1.06	36.28 1.66 0.00	31.55 1.53 -0.07	26.91 1.74 0.00	25.78 1.46 0.00
KIAC_JFK____ 323774	22.50 0.99 0.00	20.14 0.68 0.00	18.93 0.62 0.00	18.21 0.53 0.00	18.15 0.53 0.00	19.41 0.69 0.00	25.37 1.48 0.00	28.09 1.74 0.00	26.69 2.04 0.00	25.94 1.94 0.00	24.80 1.67 0.00	25.86 1.74 0.00	27.72 1.78 -0.07	30.59 1.65 0.00	33.47 1.73 -0.27	38.27 1.78 -0.24	42.08 2.41 -0.11	52.97 3.50 -3.95	53.87 3.49 -1.24	47.28 3.11 -1.06	36.28 1.66 0.00	31.54 1.53 -0.07	26.91 1.74 0.00	25.78 1.46 0.00

KINTIGH____ 23543	21.96 0.45 0.00	19.90 0.45 0.00	18.64 0.33 0.00	17.91 0.23 0.00	17.76 0.14 0.00	18.92 0.21 0.00	24.03 0.14 0.00	26.03 -0.32 0.00	24.30 -0.35 0.00	23.80 -0.19 0.00	23.02 -0.12 0.00	24.12 0.00 0.00	25.82 -0.05 0.00	29.20 0.26 0.00	31.93 0.47 0.00	36.91 0.65 0.00	40.31 0.75 0.00	46.24 0.73 0.00	49.83 0.69 0.00	43.85 0.73 0.00	34.62 0.00 0.00	29.83 -0.12 0.00	25.05 -0.13 0.00	24.83 0.51 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	20.90 -0.60 0.00	18.95 -0.51 0.00	17.81 -0.49 0.00	17.17 -0.51 0.00	17.22 -0.41 0.00	18.38 -0.34 0.00	23.58 -0.31 0.00	26.30 -0.05 0.00	24.72 0.07 0.00	24.24 0.24 0.00	23.53 0.39 0.00	24.62 0.51 0.00	26.47 0.60 0.00	29.72 0.78 0.00	32.28 0.82 0.00	37.38 1.12 0.00	40.27 0.71 0.00	46.29 0.77 0.00	49.73 0.59 0.00	43.33 0.22 0.00	35.49 0.87 0.00	30.58 0.63 0.00	25.76 0.58 0.00	24.73 0.41 0.00
LACHUTE__HYDRO 323717	22.52 1.01 0.00	20.31 0.86 0.00	19.09 0.79 0.00	18.44 0.76 0.00	18.31 0.69 0.00	19.41 0.69 0.00	25.18 1.29 0.00	28.25 1.90 0.00	26.30 1.65 0.00	25.65 1.65 0.00	24.68 1.55 0.00	25.64 1.52 0.00	27.32 1.53 0.07	30.59 1.65 0.00	33.40 1.89 -0.05	38.35 2.29 0.19	42.56 2.97 -0.04	51.19 4.01 -1.68	54.61 5.01 -0.46	47.94 4.44 -0.39	37.84 3.22 0.00	32.46 2.48 -0.02	27.04 1.86 0.00	26.05 1.73 0.00
LAWRNCV_115KV_TB1 80681	21.21 -0.30 0.00	19.24 -0.21 0.00	18.10 -0.20 0.00	17.47 -0.21 0.00	17.46 -0.16 0.00	18.61 -0.11 0.00	23.70 -0.19 0.00	26.16 -0.18 0.00	24.47 -0.17 0.00	23.83 -0.17 0.00	22.99 -0.14 0.00	24.02 -0.10 0.00	25.79 -0.08 0.00	28.94 0.00 0.00	31.43 -0.03 0.00	36.29 0.04 0.00	38.57 -0.99 0.00	43.74 -1.77 0.00	47.17 -1.97 0.00	41.34 -1.77 0.00	34.35 -0.28 0.00	29.86 -0.09 0.00	25.18 0.00 0.00	24.20 -0.12 0.00
LEDERLE____ 23769	22.52 1.01 0.00	20.21 0.76 0.00	19.02 0.71 0.00	18.33 0.65 0.00	18.27 0.65 0.00	19.48 0.77 0.00	25.23 1.34 0.00	28.01 1.66 0.00	26.32 1.68 0.00	25.56 1.56 0.00	24.59 1.46 0.00	25.56 1.45 0.00	27.48 1.55 -0.06	30.62 1.68 0.00	33.03 1.86 0.29	38.49 2.14 -0.10	42.38 2.97 0.15	52.55 3.64 -3.39	51.29 3.78 1.63	45.04 3.32 1.39	36.53 1.90 0.00	31.54 1.68 0.09	26.69 1.51 0.00	25.63 1.31 0.00
LIGHTHSE_115KV_TB6 355974	21.92 0.41 0.00	19.85 0.39 0.00	18.64 0.33 0.00	17.98 0.30 0.00	17.92 0.30 0.00	19.11 0.39 0.00	24.51 0.62 0.00	26.96 0.61 0.00	25.09 0.44 0.00	24.19 0.19 0.00	23.39 0.25 0.00	24.55 0.43 0.00	26.34 0.47 0.00	29.58 0.64 0.00	32.00 0.53 0.00	36.84 0.58 0.00	40.46 0.91 0.00	46.79 1.27 0.00	50.71 1.57 0.00	44.49 1.38 0.00	35.52 0.90 0.00	30.43 0.48 0.00	25.66 0.48 0.00	24.76 0.44 0.00
LINDEN COGEN____ 23786	22.50 0.99 0.00	20.18 0.72 0.00	18.96 0.66 0.00	18.26 0.58 0.00	18.22 0.60 0.00	19.47 0.75 0.00	25.40 1.51 0.00	28.14 1.79 0.00	26.62 1.97 0.00	25.87 1.87 0.00	24.87 1.74 0.00	25.88 1.76 0.00	27.75 1.81 -0.07	30.59 1.82 0.18	31.28 1.92 2.10	36.31 1.99 1.94	41.22 2.65 0.98	46.65 3.68 2.55	41.82 3.69 11.01	36.94 3.24 9.41	36.45 1.83 0.00	30.99 1.65 0.61	26.84 1.66 0.00	25.73 1.41 0.00
LINDHRST_69_KV_BK1 356055	23.25 1.74 0.00	20.74 1.28 0.00	19.46 1.15 0.00	18.60 0.92 0.00	18.73 1.11 0.00	20.12 1.40 0.00	26.40 2.51 0.00	29.54 3.19 -0.01	27.81 3.15 -0.01	26.83 2.83 0.00	25.98 2.85 0.00	29.37 2.85 -2.41	31.00 2.98 -2.16	32.25 3.30 -0.02	35.23 3.49 -0.27	40.60 4.10 -0.24	51.34 5.02 -6.76	61.86 6.10 -10.25	62.42 6.49 -6.80	54.77 5.65 -6.01	47.45 3.77 -9.05	38.38 3.41 -5.01	31.79 3.00 -3.61	28.23 2.77 -1.14
LIPA_MISC_IPP 23656	23.25 1.74 0.00	20.72 1.26 0.00	19.50 1.19 0.00	18.60 0.92 0.00	18.77 1.15 0.00	20.18 1.46 0.00	26.52 2.63 0.00	29.81 3.45 -0.01	28.03 3.38 -0.01	27.00 3.00 0.00	26.09 2.96 0.00	29.40 2.87 -2.41	31.08 3.05 -2.16	32.37 3.41 -0.02	35.33 3.59 -0.28	40.75 4.24 -0.25	51.31 4.98 -6.77	61.87 6.10 -10.26	62.38 6.44 -6.81	54.78 5.65 -6.02	47.56 3.88 -9.06	38.48 3.50 -5.02	31.97 3.17 -3.62	28.40 2.94 -1.14
LISF__SOLAR 323691	23.29 1.78 0.00	20.78 1.32 0.00	19.53 1.23 0.00	18.61 0.94 0.00	18.78 1.16 0.00	20.23 1.52 0.00	26.57 2.68 0.00	29.84 3.48 -0.01	28.06 3.40 -0.01	27.02 3.02 0.00	26.13 2.99 -0.01	29.42 2.89 -2.41	31.10 3.08 -2.16	32.40 3.44 -0.02	35.02 3.27 -0.28	39.55 3.05 -0.25	50.24 3.92 -6.77	61.33 5.55 -10.26	61.35 5.41 -6.81	54.22 5.08 -6.02	47.46 3.77 -9.06	38.21 3.24 -5.02	31.90 3.10 -3.62	28.38 2.92 -1.14
LITTLE FALLS__HYD 24013	21.70 0.19 0.00	19.63 0.18 0.00	18.45 0.15 0.00	17.82 0.14 0.00	17.74 0.12 0.00	18.87 0.15 0.00	24.11 0.22 0.00	26.38 0.03 0.00	24.67 0.02 0.00	24.09 0.10 0.00	23.25 0.12 0.00	24.29 0.17 0.00	26.05 0.18 0.00	29.14 0.20 0.00	31.68 0.22 0.00	36.47 0.22 0.00	39.95 0.40 0.00	46.01 0.50 0.00	49.63 0.49 0.00	43.59 0.47 0.00	34.86 0.24 0.00	30.16 0.21 0.00	25.35 0.18 0.00	24.51 0.19 0.00
LITTLRIV_115KV_TB1 356100	21.31 -0.19 0.00	19.36 -0.10 0.00	18.21 -0.09 0.00	17.59 -0.09 0.00	17.57 -0.05 0.00	18.75 0.04 0.00	23.89 0.00 0.00	26.38 0.03 0.00	24.65 0.00 0.00	24.00 0.00 0.00	23.13 0.00 0.00	24.21 0.10 0.00	26.00 0.13 0.00	29.20 0.26 0.00	31.71 0.25 0.00	36.65 0.40 0.00	38.96 -0.59 0.00	44.24 -1.27 0.00	47.76 -1.38 0.00	41.86 -1.25 0.00	34.76 0.14 0.00	30.13 0.18 0.00	25.35 0.18 0.00	24.34 0.02 0.00
LI_NEWBRDGE__DRP 323616	22.67 1.16 0.00	20.23 0.78 0.00	19.02 0.71 0.00	18.21 0.53 0.00	18.29 0.67 0.00	19.62 0.90 0.00	25.68 1.79 0.00	28.67 2.32 0.00	26.96 2.32 0.00	26.06 2.06 0.00	25.19 2.06 0.00	28.55 2.03 -2.41	30.17 2.15 -2.16	31.27 2.32 -0.02	34.13 2.39 -0.27	39.29 2.79 -0.24	49.88 3.56 -6.76	60.13 4.37 -10.25	60.50 4.57 -6.80	53.13 4.01 -6.01	46.16 2.49 -9.05	37.21 2.25 -5.01	30.91 2.11 -3.61	27.38 1.92 -1.14
LOCKPORT_115KV_TB60_63_64 80432	22.35 0.84 0.00	20.27 0.82 0.00	18.98 0.68 0.00	18.23 0.55 0.00	18.04 0.42 0.00	19.20 0.49 0.00	24.34 0.45 0.00	26.11 -0.24 0.00	24.35 -0.30 0.00	23.92 -0.07 0.00	23.16 0.02 0.00	24.26 0.14 0.00	26.03 0.16 0.00	29.46 0.52 0.00	32.31 0.85 0.00	37.34 1.09 0.00	40.78 1.23 0.00	46.74 1.23 0.00	50.32 1.18 0.00	44.27 1.16 0.00	34.86 0.24 0.00	30.04 0.09 0.00	25.20 0.03 0.00	25.29 0.97 0.00
LOCKPORT__CC1 323769	22.32 0.82 0.00	20.18 0.72 0.00	18.98 0.68 0.00	18.23 0.55 0.00	18.03 0.41 0.00	19.20 0.49 0.00	24.34 0.45 0.00	26.03 -0.32 0.00	24.28 -0.37 0.00	23.85 -0.14 0.00	23.09 -0.05 0.00	24.21 0.10 0.00	25.95 0.08 0.00	29.37 0.43 0.00	32.19 0.72 0.00	37.23 0.98 0.00	40.86 1.30 0.00	46.56 1.05 0.00	50.31 1.18 0.00	44.14 1.03 0.00	34.69 0.07 0.00	29.95 0.00 0.00	25.13 -0.05 0.00	25.32 1.00 0.00

LOCKPORT___CC2 323770	22.32 0.82 0.00	20.18 0.72 0.00	18.98 0.68 0.00	18.23 0.55 0.00	18.03 0.41 0.00	19.20 0.49 0.00	24.34 0.45 0.00	26.03 -0.32 0.00	24.28 -0.37 0.00	23.85 -0.14 0.00	23.09 -0.05 0.00	24.21 0.10 0.00	25.95 0.08 0.00	29.37 0.43 0.00	32.19 0.72 0.00	37.23 0.98 0.00	40.86 1.30 0.00	46.56 1.05 0.00	50.31 1.18 0.00	44.14 1.03 0.00	34.69 0.07 0.00	29.95 0.00 0.00	25.13 -0.05 0.00	25.32 1.00 0.00
LOCKPORT___CC3 323771	22.32 0.82 0.00	20.18 0.72 0.00	18.98 0.68 0.00	18.23 0.55 0.00	18.03 0.41 0.00	19.20 0.49 0.00	24.34 0.45 0.00	26.03 -0.32 0.00	24.28 -0.37 0.00	23.85 -0.14 0.00	23.09 -0.05 0.00	24.21 0.10 0.00	25.95 0.08 0.00	29.37 0.43 0.00	32.19 0.72 0.00	37.23 0.98 0.00	40.86 1.30 0.00	46.56 1.05 0.00	50.31 1.18 0.00	44.14 1.03 0.00	34.69 0.07 0.00	29.95 0.00 0.00	25.13 -0.05 0.00	25.32 1.00 0.00
LONG_LAKE_PHOENIX 24014	21.96 0.45 0.00	19.86 0.41 0.00	18.65 0.35 0.00	18.00 0.32 0.00	17.94 0.32 0.00	19.11 0.39 0.00	24.58 0.69 0.00	26.96 0.61 0.00	25.11 0.47 0.00	24.19 0.19 0.00	23.39 0.25 0.00	24.46 0.34 0.00	26.26 0.39 0.00	29.46 0.52 0.00	31.84 0.38 0.00	36.69 0.44 0.00	40.27 0.71 0.00	46.56 1.05 0.00	50.47 1.33 0.00	44.23 1.12 0.00	35.25 0.62 0.00	30.25 0.30 0.00	25.56 0.38 0.00	24.68 0.36 0.00
LOVETT___3 23632	22.41 0.90 0.00	20.10 0.64 0.00	18.93 0.62 0.00	18.24 0.57 0.00	18.20 0.58 0.00	19.41 0.69 0.00	25.13 1.24 0.00	27.90 1.55 0.00	26.25 1.60 0.00	25.48 1.49 0.00	24.52 1.39 0.00	25.49 1.37 0.00	27.38 1.45 -0.06	30.50 1.56 0.00	32.87 1.70 0.29	38.31 1.96 -0.10	42.17 2.77 0.15	52.15 3.41 -3.22	51.01 3.54 1.67	44.75 3.06 1.43	36.35 1.73 0.00	31.42 1.56 0.09	26.56 1.38 0.00	25.54 1.22 0.00
LOVETT___4 23642	22.41 0.90 0.00	20.10 0.64 0.00	18.93 0.62 0.00	18.24 0.57 0.00	18.20 0.58 0.00	19.41 0.69 0.00	25.13 1.24 0.00	27.90 1.55 0.00	26.25 1.60 0.00	25.48 1.49 0.00	24.52 1.39 0.00	25.49 1.37 0.00	27.38 1.45 -0.06	30.50 1.56 0.00	32.87 1.70 0.29	38.31 1.96 -0.10	42.17 2.77 0.15	52.15 3.41 -3.22	51.01 3.54 1.67	44.75 3.06 1.43	36.35 1.73 0.00	31.42 1.56 0.09	26.56 1.38 0.00	25.54 1.22 0.00
LOVETT___5 23593	22.41 0.90 0.00	20.10 0.64 0.00	18.93 0.62 0.00	18.24 0.57 0.00	18.20 0.58 0.00	19.41 0.69 0.00	25.13 1.24 0.00	27.90 1.55 0.00	26.25 1.60 0.00	25.48 1.49 0.00	24.52 1.39 0.00	25.49 1.37 0.00	27.38 1.45 -0.06	30.50 1.56 0.00	32.87 1.70 0.29	38.31 1.96 -0.10	42.17 2.77 0.15	52.15 3.41 -3.22	51.01 3.54 1.67	44.75 3.06 1.43	36.35 1.73 0.00	31.42 1.56 0.09	26.56 1.38 0.00	25.54 1.22 0.00
LOWER RAQUET___HYD 24057	21.21 -0.30 0.00	19.24 -0.21 0.00	18.10 -0.20 0.00	17.47 -0.21 0.00	17.46 -0.16 0.00	18.61 -0.11 0.00	23.72 -0.17 0.00	26.19 -0.16 0.00	24.47 -0.17 0.00	23.85 -0.14 0.00	23.00 -0.14 0.00	24.07 -0.05 0.00	25.82 -0.05 0.00	29.00 0.06 0.00	31.46 0.00 0.00	36.44 0.18 0.00	39.16 -0.40 0.00	43.78 -1.73 0.00	47.22 -1.92 0.00	41.39 -1.73 0.00	34.34 -0.28 0.00	29.89 -0.06 0.00	25.20 0.03 0.00	24.25 -0.07 0.00
LOWER___HUDSON 24059	22.15 0.64 0.00	20.04 0.58 0.00	18.85 0.55 0.00	18.24 0.57 0.00	18.17 0.55 0.00	19.24 0.52 0.00	24.85 0.96 0.00	27.59 1.24 0.00	25.80 1.16 0.00	25.08 1.08 0.00	24.08 0.95 0.00	25.03 0.92 0.00	26.73 0.96 0.09	29.95 1.01 0.00	32.61 1.10 -0.05	37.20 1.19 0.25	41.38 1.78 -0.04	49.76 2.50 -1.74	52.42 2.80 -0.48	46.06 2.54 -0.41	36.25 1.63 0.00	31.26 1.29 -0.03	26.23 1.06 0.00	25.29 0.97 0.00
LOWVILLE_115KV_TB2 356335	21.92 0.41 0.00	19.86 0.41 0.00	18.69 0.38 0.00	18.01 0.34 0.00	17.97 0.35 0.00	19.22 0.51 0.00	24.63 0.74 0.00	27.06 0.71 0.00	25.29 0.64 0.00	24.52 0.53 0.00	23.60 0.46 0.00	24.74 0.63 0.00	26.54 0.67 0.00	29.84 0.90 0.00	32.41 0.94 0.00	37.45 1.20 0.00	41.02 1.46 0.00	47.06 1.55 0.00	50.91 1.77 0.00	44.71 1.60 0.00	35.90 1.28 0.00	30.85 0.90 0.00	25.86 0.68 0.00	24.93 0.61 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	22.43 0.92 0.00	20.25 0.80 0.00	19.06 0.75 0.00	18.42 0.74 0.00	18.33 0.70 0.00	19.41 0.69 0.00	25.08 1.19 0.00	27.90 1.55 0.00	26.07 1.43 0.00	25.39 1.39 0.00	24.41 1.27 0.00	25.37 1.25 0.00	27.11 1.32 0.08	30.36 1.42 0.00	33.12 1.60 -0.05	37.94 1.89 0.20	42.21 2.61 -0.04	50.56 3.37 -1.68	53.48 3.88 -0.46	47.00 3.49 -0.39	37.05 2.42 0.00	31.89 1.92 -0.03	26.69 1.51 0.00	25.73 1.41 0.00
LUTHERNY_35_KV_BK2 355980	22.45 0.95 0.00	20.27 0.82 0.00	19.07 0.77 0.00	18.44 0.76 0.00	18.33 0.70 0.00	19.41 0.69 0.00	25.11 1.22 0.00	27.93 1.58 0.00	26.07 1.43 0.00	25.39 1.39 0.00	24.43 1.30 0.00	25.40 1.28 0.00	27.14 1.35 0.08	30.39 1.45 0.00	33.12 1.60 -0.05	37.98 1.92 0.20	42.25 2.65 -0.04	50.56 3.37 -1.68	53.53 3.93 -0.46	47.04 3.54 -0.39	37.08 2.46 0.00	31.92 1.95 -0.03	26.71 1.54 0.00	25.75 1.43 0.00
LWR___OSWEGATCHIE_HYD 23850	21.55 0.04 0.00	19.53 0.08 0.00	18.38 0.07 0.00	17.73 0.05 0.00	17.71 0.09 0.00	18.90 0.19 0.00	24.18 0.29 0.00	26.64 0.29 0.00	25.04 0.39 0.00	24.28 0.29 0.00	23.39 0.25 0.00	24.53 0.41 0.00	26.31 0.44 0.00	29.55 0.61 0.00	32.09 0.63 0.00	37.09 0.83 0.00	40.23 0.67 0.00	45.38 -0.14 0.00	49.04 -0.10 0.00	43.03 -0.09 0.00	35.14 0.52 0.00	30.37 0.42 0.00	25.56 0.38 0.00	24.59 0.27 0.00
LYONS_FALL_HYD 23570	21.94 0.43 0.00	19.87 0.41 0.00	18.69 0.39 0.00	18.03 0.35 0.00	17.99 0.37 0.00	19.20 0.49 0.00	24.61 0.72 0.00	27.03 0.68 0.00	25.26 0.62 0.00	24.52 0.53 0.00	23.62 0.49 0.00	24.74 0.63 0.00	26.52 0.65 0.00	29.81 0.87 0.00	32.38 0.91 0.00	37.38 1.13 0.00	41.06 1.50 0.00	47.10 1.59 0.00	50.96 1.82 0.00	44.75 1.64 0.00	35.83 1.21 0.00	30.82 0.87 0.00	25.81 0.63 0.00	24.90 0.58 0.00
MADISON___COUNTY_LFGE 323628	22.09 0.58 0.00	20.00 0.54 0.00	18.80 0.49 0.00	18.14 0.46 0.00	18.08 0.46 0.00	19.30 0.58 0.00	24.75 0.86 0.00	27.17 0.82 0.00	25.34 0.69 0.00	24.60 0.60 0.00	23.69 0.56 0.00	24.79 0.68 0.00	26.59 0.72 0.00	29.87 0.93 0.00	32.50 1.04 0.00	37.45 1.20 0.00	41.18 1.62 0.00	47.47 1.96 0.00	51.35 2.21 0.00	45.05 1.94 0.00	35.90 1.28 0.00	30.79 0.84 0.00	25.83 0.65 0.00	24.98 0.66 0.00
MALONE___115KV_TB1 356076	20.97 -0.54 0.00	19.03 -0.43 0.00	17.88 -0.42 0.00	17.24 -0.44 0.00	17.29 -0.33 0.00	18.44 -0.28 0.00	23.60 -0.29 0.00	26.27 -0.08 0.00	24.65 0.00 0.00	24.14 0.14 0.00	23.39 0.25 0.00	24.46 0.34 0.00	26.28 0.41 0.00	29.52 0.58 0.00	32.03 0.57 0.00	37.05 0.80 0.00	39.75 0.20 0.00	45.56 0.05 0.00	48.99 -0.15 0.00	42.72 -0.39 0.00	35.14 0.52 0.00	30.34 0.39 0.00	25.58 0.40 0.00	24.54 0.22 0.00

MAPLEWOD_115KV_TB3 80458	22.09 0.58 0.00	19.98 0.53 0.00	18.82 0.51 0.00	18.19 0.51 0.00	18.11 0.49 0.00	19.11 0.39 0.00	24.65 0.76 0.00	27.38 1.03 0.00	25.61 0.96 0.00	24.91 0.91 0.00	23.94 0.81 0.00	24.89 0.77 0.00	26.65 0.85 0.07	29.78 0.84 0.00	32.43 0.91 -0.06	37.12 1.05 0.19	41.34 1.74 -0.04	49.49 2.23 -1.74	52.07 2.46 -0.48	45.76 2.24 -0.41	36.01 1.38 0.00	31.05 1.08 -0.03	26.03 0.86 0.00	25.15 0.83 0.00
MAPLE_RIDGE_WT_1 323574	21.16 -0.34 0.00	19.07 -0.39 0.00	17.90 -0.40 0.00	17.27 -0.41 0.00	17.20 -0.42 0.00	18.27 -0.45 0.00	23.36 -0.53 0.00	25.85 -0.50 0.00	24.30 -0.35 0.00	23.85 -0.14 0.00	23.11 -0.02 0.00	24.14 0.02 0.00	25.90 0.03 0.00	28.97 0.03 0.00	31.49 0.03 0.00	36.29 0.04 0.00	39.67 0.12 0.00	45.74 0.23 0.00	49.34 0.20 0.00	43.24 0.13 0.00	34.59 -0.03 0.00	29.92 -0.03 0.00	25.15 -0.03 0.00	24.32 0.00 0.00
MAPLE_RIDGE_WT_2 323611	21.16 -0.34 0.00	19.07 -0.39 0.00	17.90 -0.40 0.00	17.27 -0.41 0.00	17.20 -0.42 0.00	18.27 -0.45 0.00	23.36 -0.53 0.00	25.85 -0.50 0.00	24.30 -0.35 0.00	23.85 -0.14 0.00	23.11 -0.02 0.00	24.14 0.02 0.00	25.90 0.03 0.00	28.97 0.03 0.00	31.49 0.03 0.00	36.29 0.04 0.00	39.67 0.12 0.00	45.74 0.23 0.00	49.34 0.20 0.00	43.24 0.13 0.00	34.59 -0.03 0.00	29.92 -0.03 0.00	25.15 -0.03 0.00	24.32 0.00 0.00
MARBLE_RIVER_WT_PWR 323696	20.67 -0.84 0.00	18.74 -0.72 0.00	17.61 -0.70 0.00	16.97 -0.71 0.00	17.00 -0.62 0.00	18.16 -0.56 0.00	23.25 -0.64 0.00	25.93 -0.42 0.00	24.40 -0.25 0.00	23.92 -0.07 0.00	23.25 0.12 0.00	24.33 0.22 0.00	26.16 0.29 0.00	29.34 0.40 0.00	31.87 0.41 0.00	36.91 0.65 0.00	39.87 0.31 0.00	45.51 0.00 0.00	48.85 -0.29 0.00	42.64 -0.47 0.00	34.90 0.28 0.00	30.10 0.15 0.00	25.38 0.20 0.00	24.47 0.15 0.00
MARSHVLE_115KV_TB1 80742	23.23 1.72 0.00	20.99 1.54 0.00	19.73 1.43 0.00	19.09 1.41 0.00	18.94 1.32 0.00	20.10 1.39 0.00	26.21 2.32 0.00	29.30 2.95 0.00	27.16 2.51 0.00	26.40 2.40 0.00	25.33 2.20 0.00	26.26 2.15 0.00	28.16 2.35 0.06	31.51 2.58 0.00	34.57 3.05 -0.06	40.02 3.92 0.15	44.78 5.18 -0.04	53.84 6.69 -1.63	57.20 7.62 -0.44	50.35 6.85 -0.38	39.54 4.92 0.00	33.81 3.83 -0.02	27.95 2.77 0.00	26.87 2.55 0.00
MARSH_HILL_WT_PWR 323713	22.93 1.42 0.00	20.70 1.25 0.00	19.44 1.14 0.00	18.70 1.02 0.00	18.55 0.93 0.00	19.84 1.12 0.00	25.42 1.53 0.00	27.74 1.40 0.00	25.95 1.31 0.00	25.27 1.27 0.00	24.47 1.34 0.00	25.61 1.50 0.00	27.42 1.55 0.00	30.91 1.97 0.00	33.79 2.33 0.00	38.98 2.72 0.00	42.91 3.36 0.00	49.34 3.82 0.00	53.47 4.33 0.00	46.86 3.75 0.00	36.87 2.25 0.00	31.69 1.74 0.00	26.64 1.46 0.00	26.14 1.82 0.00
MCINTYRE_115KV_TB2 80467	21.36 -0.15 0.00	19.40 -0.06 0.00	18.27 -0.04 0.00	17.63 -0.05 0.00	17.60 -0.02 0.00	18.79 0.07 0.00	23.94 0.05 0.00	26.45 0.11 0.00	24.69 0.05 0.00	24.04 0.05 0.00	23.13 0.00 0.00	24.24 0.12 0.00	26.03 0.16 0.00	29.26 0.32 0.00	31.78 0.31 0.00	36.73 0.47 0.00	39.12 -0.44 0.00	44.47 -1.05 0.00	48.06 -1.08 0.00	42.12 -0.99 0.00	34.97 0.35 0.00	30.25 0.30 0.00	25.40 0.23 0.00	24.39 0.07 0.00
MECO____69_KV_BK1 80468	23.87 2.37 0.00	21.52 2.06 0.00	20.23 1.92 0.00	19.55 1.87 0.00	19.35 1.73 0.00	20.51 1.80 0.00	26.80 2.91 0.00	29.51 3.16 0.00	27.33 2.69 0.00	26.54 2.54 0.00	25.42 2.29 0.00	26.31 2.19 0.00	28.27 2.46 0.06	31.63 2.69 0.00	34.73 3.21 -0.06	40.31 4.21 0.15	45.29 5.70 -0.04	54.43 7.28 -1.63	57.84 8.26 -0.44	50.95 7.46 -0.38	39.92 5.30 0.00	34.08 4.10 -0.02	28.25 3.07 0.00	27.14 2.82 0.00
MENANDS_115KV_TB5 355628	21.98 0.47 0.00	19.88 0.43 0.00	18.73 0.42 0.00	18.12 0.44 0.00	18.04 0.42 0.00	19.02 0.30 0.00	24.51 0.62 0.00	27.22 0.87 0.00	25.46 0.81 0.00	24.76 0.77 0.00	23.80 0.67 0.00	24.74 0.63 0.00	26.50 0.70 0.07	29.58 0.64 0.00	32.21 0.69 -0.06	36.83 0.76 0.19	41.02 1.42 -0.04	49.13 1.87 -1.75	51.63 2.01 -0.48	45.38 1.85 -0.41	35.70 1.07 0.00	30.81 0.84 -0.03	25.86 0.68 0.00	24.98 0.66 0.00
MG INDUSTRY__DRP 24185	22.13 0.62 0.00	20.00 0.54 0.00	18.85 0.55 0.00	18.23 0.55 0.00	18.15 0.53 0.00	19.11 0.39 0.00	24.61 0.72 0.00	27.30 0.95 0.00	25.53 0.89 0.00	24.84 0.84 0.00	23.90 0.76 0.00	24.84 0.72 0.00	26.60 0.78 0.05	29.58 0.64 0.00	32.22 0.69 -0.06	36.94 0.80 0.11	40.98 1.38 -0.04	49.03 1.77 -1.74	51.54 1.97 -0.44	45.34 1.85 -0.38	35.73 1.11 0.00	30.84 0.87 -0.02	25.88 0.70 0.00	25.17 0.85 0.00
MID__OSWEGATCHIE_HYD 23849	21.55 0.04 0.00	19.53 0.08 0.00	18.38 0.07 0.00	17.73 0.05 0.00	17.71 0.09 0.00	18.90 0.19 0.00	24.18 0.29 0.00	26.64 0.29 0.00	25.04 0.39 0.00	24.28 0.29 0.00	23.39 0.25 0.00	24.53 0.41 0.00	26.31 0.44 0.00	29.55 0.61 0.00	32.09 0.63 0.00	37.09 0.83 0.00	40.23 0.67 0.00	45.38 -0.14 0.00	49.04 -0.10 0.00	43.03 -0.09 0.00	35.14 0.52 0.00	30.37 0.42 0.00	25.56 0.38 0.00	24.59 0.27 0.00
MID__RAQUETTE_HYD 23851	21.21 -0.30 0.00	19.24 -0.21 0.00	18.10 -0.20 0.00	17.47 -0.21 0.00	17.46 -0.16 0.00	18.61 -0.11 0.00	23.72 -0.17 0.00	26.19 -0.16 0.00	24.47 -0.17 0.00	23.85 -0.14 0.00	22.99 -0.14 0.00	24.07 -0.05 0.00	25.82 -0.05 0.00	29.00 0.06 0.00	31.46 0.00 0.00	36.36 0.11 0.00	38.61 -0.95 0.00	43.78 -1.73 0.00	47.22 -1.92 0.00	41.34 -1.77 0.00	34.35 -0.28 0.00	29.89 -0.06 0.00	25.20 0.03 0.00	24.22 -0.10 0.00
MILLIKEN__1 23584	22.17 0.67 0.00	20.06 0.60 0.00	18.85 0.55 0.00	18.19 0.51 0.00	18.11 0.49 0.00	19.32 0.60 0.00	25.04 1.15 0.00	27.56 1.21 0.00	25.66 1.01 0.00	24.57 0.58 0.00	23.73 0.60 0.00	24.79 0.68 0.00	26.59 0.72 0.00	29.87 0.93 0.00	32.50 1.04 0.00	37.52 1.27 0.00	41.26 1.70 0.00	47.70 2.18 0.00	51.74 2.60 0.00	45.35 2.24 0.00	36.04 1.42 0.00	30.94 0.99 0.00	25.96 0.78 0.00	25.12 0.80 0.00
MILLIKEN__2 23585	22.17 0.67 0.00	20.06 0.60 0.00	18.85 0.55 0.00	18.19 0.51 0.00	18.11 0.49 0.00	19.32 0.60 0.00	25.04 1.15 0.00	27.56 1.21 0.00	25.66 1.01 0.00	24.57 0.58 0.00	23.73 0.60 0.00	24.79 0.68 0.00	26.59 0.72 0.00	29.87 0.93 0.00	32.50 1.04 0.00	37.52 1.27 0.00	41.26 1.70 0.00	47.70 2.18 0.00	51.74 2.60 0.00	45.35 2.24 0.00	36.04 1.42 0.00	30.94 0.99 0.00	25.96 0.78 0.00	25.12 0.80 0.00
MILLIKEN__DIESEL 23629	22.17 0.67 0.00	20.06 0.60 0.00	18.85 0.55 0.00	18.19 0.51 0.00	18.11 0.49 0.00	19.32 0.60 0.00	25.04 1.15 0.00	27.56 1.21 0.00	25.66 1.01 0.00	24.57 0.58 0.00	23.73 0.60 0.00	24.79 0.68 0.00	26.59 0.72 0.00	29.87 0.93 0.00	32.50 1.04 0.00	37.52 1.27 0.00	41.26 1.70 0.00	47.70 2.18 0.00	51.74 2.60 0.00	45.35 2.24 0.00	36.04 1.42 0.00	30.94 0.99 0.00	25.96 0.78 0.00	25.12 0.80 0.00

MILLSEAT___LFGE 323607	22.56 1.05 0.00	20.37 0.91 0.00	19.15 0.84 0.00	18.40 0.73 0.00	18.24 0.62 0.00	19.45 0.73 0.00	24.68 0.79 0.00	26.61 0.26 0.00	24.79 0.15 0.00	24.31 0.31 0.00	23.53 0.39 0.00	24.63 0.51 0.00	26.44 0.57 0.00	29.92 0.98 0.00	32.81 1.35 0.00	38.03 1.78 0.00	41.77 2.21 0.00	47.69 2.18 0.00	51.59 2.46 0.00	45.26 2.15 0.00	35.59 0.97 0.00	30.64 0.69 0.00	25.65 0.48 0.00	25.61 1.29 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	22.47 0.97 0.00	20.18 0.72 0.00	19.00 0.70 0.00	18.31 0.64 0.00	18.27 0.65 0.00	19.48 0.77 0.00	25.28 1.39 0.00	28.09 1.74 0.00	26.42 1.77 0.00	25.68 1.68 0.00	24.71 1.57 0.00	25.66 1.54 0.00	27.59 1.66 -0.07	30.70 1.77 0.00	33.63 1.89 -0.28	38.63 2.14 -0.24	42.64 2.97 -0.12	53.33 3.69 -4.13	54.27 3.83 -1.29	47.58 3.36 -1.11	36.60 1.97 0.00	31.76 1.74 -0.07	26.71 1.54 0.00	25.68 1.36 0.00
MILLWOOD_13_KV_LOAD 356217	22.52 1.01 0.00	20.21 0.76 0.00	19.04 0.73 0.00	18.33 0.65 0.00	18.29 0.67 0.00	19.52 0.80 0.00	25.32 1.43 0.00	28.17 1.82 0.00	26.49 1.85 0.00	25.72 1.73 0.00	24.75 1.62 0.00	25.73 1.62 0.00	27.64 1.71 -0.07	30.79 1.85 0.00	33.73 1.98 -0.28	38.78 2.28 -0.24	42.79 3.12 -0.12	53.55 3.91 -4.13	54.51 4.08 -1.29	47.80 3.58 -1.11	36.73 2.11 0.00	31.88 1.86 -0.07	26.79 1.61 0.00	25.73 1.41 0.00
MODEL_CITY_ENERGY 24167	22.04 0.54 0.00	19.98 0.53 0.00	18.80 0.49 0.00	18.05 0.37 0.00	17.87 0.25 0.00	19.00 0.28 0.00	24.06 0.17 0.00	25.85 -0.50 0.00	24.13 -0.52 0.00	23.68 -0.31 0.00	22.92 -0.21 0.00	24.02 -0.10 0.00	25.77 -0.10 0.00	29.17 0.23 0.00	31.94 0.47 0.00	36.94 0.69 0.00	40.54 0.99 0.00	46.19 0.68 0.00	49.92 0.78 0.00	43.84 0.73 0.00	34.45 -0.17 0.00	29.74 -0.21 0.00	24.95 -0.23 0.00	25.00 0.68 0.00
MODERN_LFGE___ 323580	22.04 0.54 0.00	19.98 0.53 0.00	18.80 0.49 0.00	18.05 0.37 0.00	17.87 0.25 0.00	19.00 0.28 0.00	24.06 0.17 0.00	25.85 -0.50 0.00	24.13 -0.52 0.00	23.68 -0.31 0.00	22.92 -0.21 0.00	24.02 -0.10 0.00	25.77 -0.10 0.00	29.17 0.23 0.00	31.94 0.47 0.00	36.94 0.69 0.00	40.54 0.99 0.00	46.19 0.68 0.00	49.92 0.78 0.00	43.84 0.73 0.00	34.45 -0.17 0.00	29.74 -0.21 0.00	24.95 -0.23 0.00	25.00 0.68 0.00
MOHAWK_PAPER___DRP 24187	22.09 0.58 0.00	19.98 0.53 0.00	18.82 0.51 0.00	18.19 0.51 0.00	18.11 0.49 0.00	19.11 0.39 0.00	24.65 0.76 0.00	27.38 1.03 0.00	25.61 0.96 0.00	24.91 0.91 0.00	23.94 0.81 0.00	24.89 0.77 0.00	26.65 0.85 0.07	29.78 0.84 0.00	32.43 0.91 -0.06	37.12 1.05 0.19	41.34 1.74 -0.04	49.49 2.23 -1.74	52.07 2.46 -0.48	45.76 2.24 -0.41	36.01 1.38 0.00	31.05 1.08 -0.03	26.03 0.86 0.00	25.15 0.83 0.00
MOHICAN___35_KV_115KV_LD 80490	22.41 0.90 0.00	20.21 0.76 0.00	19.00 0.70 0.00	18.37 0.69 0.00	18.25 0.63 0.00	19.34 0.62 0.00	25.06 1.17 0.00	27.96 1.61 0.00	26.07 1.43 0.00	25.41 1.42 0.00	24.45 1.32 0.00	25.40 1.28 0.00	27.06 1.27 0.08	30.30 1.36 0.00	33.06 1.54 -0.05	37.95 1.89 0.19	42.17 2.57 -0.04	50.60 3.41 -1.68	53.82 4.23 -0.46	47.30 3.79 -0.39	37.36 2.74 0.00	32.10 2.13 -0.02	26.76 1.59 0.00	25.78 1.46 0.00
MONGAUP___HYD 23641	22.48 0.97 0.00	20.25 0.80 0.00	19.04 0.73 0.00	18.33 0.65 0.00	18.22 0.60 0.00	19.35 0.64 0.00	25.01 1.12 0.00	27.74 1.40 0.00	25.95 1.31 0.00	25.17 1.18 0.00	24.24 1.11 0.00	25.23 1.11 0.00	27.11 1.19 -0.05	30.30 1.36 0.00	32.79 1.54 0.22	38.12 1.78 -0.09	41.54 2.09 0.11	39.99 2.96 8.48	50.49 2.60 1.25	44.58 2.54 1.07	36.28 1.66 0.00	31.35 1.47 0.07	26.54 1.36 0.00	25.56 1.24 0.00
MONTAUK___DIESEL 23721	24.02 2.52 0.00	21.40 1.95 0.00	20.12 1.81 0.00	19.15 1.47 0.00	19.33 1.71 0.00	20.81 2.10 0.00	27.35 3.46 0.00	31.00 4.64 -0.01	29.16 4.51 -0.01	28.10 4.10 0.00	27.20 4.07 0.00	30.58 4.05 -2.41	32.32 4.29 -2.16	33.79 4.83 -0.02	36.97 5.22 -0.28	42.74 6.24 -0.25	53.61 7.28 -6.77	64.60 8.83 -10.26	65.28 9.34 -6.81	57.28 8.15 -6.02	49.43 5.75 -9.06	40.00 5.03 -5.02	33.13 4.33 -3.62	29.45 3.99 -1.14
MOONROAD_115KV_HARTFLD_TB1-2 355988	23.29 1.79 0.00	21.09 1.63 0.00	19.73 1.43 0.00	18.93 1.26 0.00	18.71 1.09 0.00	20.03 1.31 0.00	25.56 1.67 0.00	27.82 1.48 0.00	26.07 1.43 0.00	25.65 1.66 0.00	24.87 1.73 0.00	26.07 1.95 0.00	27.86 1.99 0.00	31.54 2.60 0.00	34.64 3.18 0.00	39.88 3.63 0.00	43.67 4.11 0.00	50.11 4.60 0.00	53.96 4.82 0.00	47.47 4.35 0.00	37.15 2.53 0.00	31.99 2.04 0.00	26.76 1.59 0.00	26.48 2.16 0.00
MORTIMER_115KV_TB3 55949	22.02 0.52 0.00	19.90 0.45 0.00	18.65 0.35 0.00	17.96 0.28 0.00	17.87 0.25 0.00	19.07 0.36 0.00	24.27 0.38 0.00	26.56 0.21 0.00	24.77 0.12 0.00	24.16 0.17 0.00	23.32 0.19 0.00	24.38 0.27 0.00	26.18 0.31 0.00	29.49 0.55 0.00	32.22 0.76 0.00	37.27 1.02 0.00	40.78 1.23 0.00	46.92 1.41 0.00	50.71 1.57 0.00	44.54 1.42 0.00	35.31 0.69 0.00	30.34 0.39 0.00	25.43 0.25 0.00	24.88 0.56 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	22.63 1.12 0.00	20.29 0.84 0.00	19.09 0.79 0.00	18.39 0.71 0.00	18.34 0.72 0.00	19.60 0.88 0.00	25.47 1.58 0.00	28.30 1.95 0.00	26.69 2.05 0.00	25.94 1.94 0.00	24.94 1.80 0.00	25.95 1.83 0.00	27.88 1.94 -0.07	30.97 2.03 0.00	33.88 2.14 -0.27	38.89 2.39 -0.24	42.91 3.24 -0.11	53.47 4.01 -3.95	54.50 4.13 -1.24	47.75 3.58 -1.06	36.77 2.15 0.00	31.96 1.95 -0.07	26.96 1.79 0.00	25.88 1.56 0.00
MUNSVILLE_WIND_PWR 323609	23.21 1.70 0.00	21.01 1.56 0.00	19.77 1.47 0.00	19.06 1.38 0.00	18.98 1.36 0.00	20.38 1.67 0.00	26.35 2.46 0.00	28.98 2.63 0.00	26.91 2.27 0.00	25.99 1.99 0.00	24.89 1.76 0.00	26.22 2.10 0.00	28.10 2.23 0.00	31.75 2.81 0.00	34.58 3.12 0.00	40.10 3.84 0.00	44.42 4.86 0.00	51.65 6.14 0.00	56.11 6.97 0.00	49.28 6.16 0.00	38.91 4.29 0.00	33.04 3.09 0.00	27.54 2.37 0.00	26.61 2.29 0.00
N SALMON___HYD 24042	20.97 -0.54 0.00	19.03 -0.43 0.00	17.89 -0.42 0.00	17.24 -0.44 0.00	17.29 -0.34 0.00	18.44 -0.28 0.00	23.60 -0.29 0.00	26.27 -0.08 0.00	24.65 0.00 0.00	24.14 0.14 0.00	23.39 0.25 0.00	24.46 0.34 0.00	26.28 0.41 0.00	29.52 0.58 0.00	32.03 0.57 0.00	37.12 0.87 0.00	40.07 0.51 0.00	45.56 0.05 0.00	48.99 -0.15 0.00	42.77 -0.35 0.00	35.14 0.52 0.00	30.31 0.36 0.00	25.58 0.40 0.00	24.61 0.29 0.00
N.AKRON___115KV_KNAPP 355671	22.60 1.10 0.00	20.49 1.03 0.00	19.17 0.86 0.00	18.42 0.74 0.00	18.24 0.62 0.00	19.45 0.73 0.00	24.68 0.79 0.00	26.59 0.24 0.00	24.79 0.15 0.00	24.31 0.31 0.00	23.50 0.37 0.00	24.62 0.51 0.00	26.44 0.57 0.00	29.92 0.98 0.00	32.82 1.35 0.00	37.96 1.70 0.00	41.53 1.98 0.00	47.65 2.14 0.00	51.35 2.21 0.00	45.18 2.07 0.00	35.59 0.97 0.00	30.61 0.66 0.00	25.63 0.45 0.00	25.58 1.26 0.00

N.BELMOR_69_KV_BK1 55787	22.88 1.38 0.00	20.43 0.97 0.00	19.18 0.88 0.00	18.37 0.69 0.00	18.47 0.85 0.00	19.80 1.09 0.00	25.87 1.98 0.00	28.91 2.56 0.00	27.21 2.56 0.00	26.28 2.28 0.00	25.42 2.29 0.00	28.84 2.32 -2.41	30.46 2.43 -2.16	31.59 2.63 -0.02	34.50 2.77 -0.27	39.65 3.15 -0.24	50.35 4.03 -6.76	60.68 4.92 -10.25	61.09 5.16 -6.80	53.65 4.53 -6.01	46.55 2.87 -9.05	37.60 2.64 -5.01	31.16 2.37 -3.61	27.65 2.19 -1.14
N.E_GEN_SANDY PD 24062	22.13 0.62 0.00	20.00 0.54 0.00	18.80 0.49 0.00	18.17 0.49 0.00	18.11 0.49 0.00	19.24 0.52 0.00	24.89 1.00 0.00	27.64 1.29 0.00	25.93 1.28 0.00	25.17 1.18 0.00	24.15 1.02 0.00	25.08 0.97 0.00	26.38 1.01 0.50	30.01 1.07 0.00	32.45 1.10 0.11	36.00 1.13 1.38	41.35 1.74 -0.06	50.51 2.55 -2.46	52.48 2.65 -0.69	46.11 2.41 -0.59	36.08 1.45 0.00	31.19 1.20 -0.04	26.21 1.03 0.00	25.24 0.92 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	22.45 0.95 0.00	20.14 0.68 0.00	18.96 0.66 0.00	18.28 0.60 0.00	18.22 0.60 0.00	19.43 0.71 0.00	25.16 1.27 0.00	27.93 1.58 0.00	26.25 1.60 0.00	25.48 1.49 0.00	24.54 1.41 0.00	25.49 1.37 0.00	27.40 1.47 -0.06	30.53 1.59 0.00	32.90 1.73 0.29	38.35 1.99 -0.10	42.22 2.81 0.15	52.29 3.46 -3.32	51.08 3.59 1.65	44.85 3.15 1.41	36.39 1.77 0.00	31.45 1.59 0.09	26.61 1.44 0.00	25.56 1.24 0.00
N.QUEENS_27_KV_LOAD 356247	22.54 1.03 0.00	20.21 0.76 0.00	19.02 0.71 0.00	18.33 0.65 0.00	18.29 0.67 0.00	19.50 0.79 0.00	25.43 1.55 0.02	28.31 1.98 0.02	26.78 2.14 0.01	26.00 2.02 0.01	25.00 1.87 0.01	25.99 1.88 0.01	27.90 1.97 -0.06	31.01 2.08 0.01	33.89 2.17 -0.26	38.85 2.36 -0.24	42.71 3.05 -0.11	53.24 3.78 -3.95	54.16 3.78 -1.24	47.36 3.19 -1.06	36.63 2.01 0.00	31.89 1.89 -0.05	26.94 1.76 0.00	25.80 1.48 0.00
N.TROY___115KV_TB1 355778	22.15 0.65 0.00	20.04 0.58 0.00	18.85 0.55 0.00	18.24 0.57 0.00	18.17 0.55 0.00	19.24 0.52 0.00	24.85 0.96 0.00	27.59 1.24 0.00	25.80 1.16 0.00	25.08 1.08 0.00	24.08 0.95 0.00	25.03 0.92 0.00	26.73 0.96 0.09	29.95 1.01 0.00	32.61 1.10 -0.05	37.24 1.23 0.25	41.54 1.94 -0.04	49.76 2.50 -1.74	52.42 2.80 -0.48	46.06 2.54 -0.41	36.25 1.63 0.00	31.26 1.29 -0.03	26.23 1.06 0.00	25.29 0.97 0.00
NARROWS_GT1_1 24228	22.83 1.31 -0.01	20.48 1.01 -0.01	19.25 0.93 -0.01	18.53 0.85 -0.01	18.47 0.85 -0.01	19.67 0.95 0.00	25.64 1.74 -0.01	28.49 2.13 -0.01	29.81 2.24 -2.93	30.79 2.16 -4.63	28.49 1.99 -3.37	30.79 2.05 -4.62	31.77 2.17 -3.73	31.78 2.32 -0.53	34.23 2.48 -0.28	39.18 2.68 -0.24	42.75 3.09 -0.11	53.70 4.23 -3.95	54.60 4.23 -1.24	47.83 3.66 -1.06	36.98 2.36 0.00	32.24 2.22 -0.08	27.15 1.97 -0.01	26.10 1.77 -0.01
NARROWS_GT1_2 24229	22.83 1.31 -0.01	20.48 1.01 -0.01	19.25 0.93 -0.01	18.53 0.85 -0.01	18.47 0.85 -0.01	19.67 0.95 0.00	25.64 1.74 -0.01	28.49 2.13 -0.01	29.81 2.24 -2.93	30.79 2.16 -4.63	28.49 1.99 -3.37	30.79 2.05 -4.62	31.77 2.17 -3.73	31.78 2.32 -0.53	34.23 2.48 -0.28	39.18 2.68 -0.24	42.75 3.09 -0.11	53.70 4.23 -3.95	54.60 4.23 -1.24	47.83 3.66 -1.06	36.98 2.36 0.00	32.24 2.22 -0.08	27.15 1.97 -0.01	26.10 1.77 -0.01
NARROWS_GT1_3 24230	22.83 1.31 -0.01	20.48 1.01 -0.01	19.25 0.93 -0.01	18.53 0.85 -0.01	18.47 0.85 -0.01	19.67 0.95 0.00	25.64 1.74 -0.01	28.49 2.13 -0.01	29.81 2.24 -2.93	30.79 2.16 -4.63	28.49 1.99 -3.37	30.79 2.05 -4.62	31.77 2.17 -3.73	31.78 2.32 -0.53	34.23 2.48 -0.28	39.18 2.68 -0.24	42.75 3.09 -0.11	53.70 4.23 -3.95	54.60 4.23 -1.24	47.83 3.66 -1.06	36.98 2.36 0.00	32.24 2.22 -0.08	27.15 1.97 -0.01	26.10 1.77 -0.01
NARROWS_GT1_4 24231	22.83 1.31 -0.01	20.48 1.01 -0.01	19.25 0.93 -0.01	18.53 0.85 -0.01	18.47 0.85 -0.01	19.67 0.95 0.00	25.64 1.74 -0.01	28.49 2.13 -0.01	29.81 2.24 -2.93	30.79 2.16 -4.63	28.49 1.99 -3.37	30.79 2.05 -4.62	31.77 2.17 -3.73	31.78 2.32 -0.53	34.23 2.48 -0.28	39.18 2.68 -0.24	42.75 3.09 -0.11	53.70 4.23 -3.95	54.60 4.23 -1.24	47.83 3.66 -1.06	36.98 2.36 0.00	32.24 2.22 -0.08	27.15 1.97 -0.01	26.10 1.77 -0.01
NARROWS_GT1_5 24232	22.83 1.31 -0.01	20.48 1.01 -0.01	19.25 0.93 -0.01	18.53 0.85 -0.01	18.47 0.85 -0.01	19.67 0.95 0.00	25.64 1.74 -0.01	28.49 2.13 -0.01	29.81 2.24 -2.93	30.79 2.16 -4.63	28.49 1.99 -3.37	30.79 2.05 -4.62	31.77 2.17 -3.73	31.78 2.32 -0.53	34.23 2.48 -0.28	39.18 2.68 -0.24	42.75 3.09 -0.11	53.70 4.23 -3.95	54.60 4.23 -1.24	47.83 3.66 -1.06	36.98 2.36 0.00	32.24 2.22 -0.08	27.15 1.97 -0.01	26.10 1.77 -0.01
NARROWS_GT1_6 24233	22.83 1.31 -0.01	20.48 1.01 -0.01	19.25 0.93 -0.01	18.53 0.85 -0.01	18.47 0.85 -0.01	19.67 0.95 0.00	25.64 1.74 -0.01	28.49 2.13 -0.01	29.81 2.24 -2.93	30.79 2.16 -4.63	28.49 1.99 -3.37	30.79 2.05 -4.62	31.77 2.17 -3.73	31.78 2.32 -0.53	34.23 2.48 -0.28	39.18 2.68 -0.24	42.75 3.09 -0.11	53.70 4.23 -3.95	54.60 4.23 -1.24	47.83 3.66 -1.06	36.98 2.36 0.00	32.24 2.22 -0.08	27.15 1.97 -0.01	26.10 1.77 -0.01
NARROWS_GT1_7 24234	22.83 1.31 -0.01	20.48 1.01 -0.01	19.25 0.93 -0.01	18.53 0.85 -0.01	18.47 0.85 -0.01	19.67 0.95 0.00	25.64 1.74 -0.01	28.49 2.13 -0.01	29.81 2.24 -2.93	30.79 2.16 -4.63	28.49 1.99 -3.37	30.79 2.05 -4.62	31.77 2.17 -3.73	31.78 2.32 -0.53	34.23 2.48 -0.28	39.18 2.68 -0.24	42.75 3.09 -0.11	53.70 4.23 -3.95	54.60 4.23 -1.24	47.83 3.66 -1.06	36.98 2.36 0.00	32.24 2.22 -0.08	27.15 1.97 -0.01	26.10 1.77 -0.01
NARROWS_GT1_8 24235	22.83 1.31 -0.01	20.48 1.01 -0.01	19.25 0.93 -0.01	18.53 0.85 -0.01	18.47 0.85 -0.01	19.67 0.95 0.00	25.64 1.74 -0.01	28.49 2.13 -0.01	29.81 2.24 -2.93	30.79 2.16 -4.63	28.49 1.99 -3.37	30.79 2.05 -4.62	31.77 2.17 -3.73	31.78 2.32 -0.53	34.23 2.48 -0.28	39.18 2.68 -0.24	42.75 3.09 -0.11	53.70 4.23 -3.95	54.60 4.23 -1.24	47.83 3.66 -1.06	36.98 2.36 0.00	32.24 2.22 -0.08	27.15 1.97 -0.01	26.10 1.77 -0.01
NARROWS_GT2_1 24236	22.83 1.31 -0.01	20.48 1.01 -0.01	19.25 0.93 -0.01	18.53 0.85 -0.01	18.47 0.85 -0.01	19.67 0.95 0.00	25.64 1.74 -0.01	28.49 2.13 -0.01	29.81 2.24 -2.93	30.79 2.16 -4.63	28.49 1.99 -3.37	30.79 2.05 -4.62	31.77 2.17 -3.73	31.78 2.32 -0.53	34.23 2.48 -0.28	39.18 2.68 -0.24	42.75 3.09 -0.11	53.70 4.23 -3.95	54.60 4.23 -1.24	47.83 3.66 -1.06	36.98 2.36 0.00	32.24 2.22 -0.08	27.15 1.97 -0.01	26.10 1.77 -0.01
NARROWS_GT2_2 24237	22.83 1.31 -0.01	20.48 1.01 -0.01	19.25 0.93 -0.01	18.53 0.85 -0.01	18.47 0.85 -0.01	19.67 0.95 0.00	25.64 1.74 -0.01	28.49 2.13 -0.01	29.81 2.24 -2.93	30.79 2.16 -4.63	28.49 1.99 -3.37	30.79 2.05 -4.62	31.77 2.17 -3.73	31.78 2.32 -0.53	34.23 2.48 -0.28	39.18 2.68 -0.24	42.75 3.09 -0.11	53.70 4.23 -3.95	54.60 4.23 -1.24	47.83 3.66 -1.06	36.98 2.36 0.00	32.24 2.22 -0.08	27.15 1.97 -0.01	26.10 1.77 -0.01

NARROWS_GT2_3 24238	22.83 1.31 -0.01	20.48 1.01 -0.01	19.25 0.93 -0.01	18.53 0.85 -0.01	18.47 0.85 -0.01	19.67 0.95 0.00	25.64 1.74 -0.01	28.49 2.13 -0.01	29.81 2.24 -2.93	30.79 2.16 -4.63	28.49 1.99 -3.37	30.79 2.05 -4.62	31.77 2.17 -3.73	31.78 2.32 -0.53	34.23 2.48 -0.28	39.18 2.68 -0.24	42.75 3.09 -0.11	53.70 4.23 -3.95	54.60 4.23 -1.24	47.83 3.66 -1.06	36.98 2.36 0.00	32.24 2.22 -0.08	27.15 1.97 -0.01	26.10 1.77 -0.01
NARROWS_GT2_4 24239	22.83 1.31 -0.01	20.48 1.01 -0.01	19.25 0.93 -0.01	18.53 0.85 -0.01	18.47 0.85 -0.01	19.67 0.95 0.00	25.64 1.74 -0.01	28.49 2.13 -0.01	29.81 2.24 -2.93	30.79 2.16 -4.63	28.49 1.99 -3.37	30.79 2.05 -4.62	31.77 2.17 -3.73	31.78 2.32 -0.53	34.23 2.48 -0.28	39.18 2.68 -0.24	42.75 3.09 -0.11	53.70 4.23 -3.95	54.60 4.23 -1.24	47.83 3.66 -1.06	36.98 2.36 0.00	32.24 2.22 -0.08	27.15 1.97 -0.01	26.10 1.77 -0.01
NARROWS_GT2_5 24240	22.83 1.31 -0.01	20.48 1.01 -0.01	19.25 0.93 -0.01	18.53 0.85 -0.01	18.47 0.85 -0.01	19.67 0.95 0.00	25.64 1.74 -0.01	28.49 2.13 -0.01	29.81 2.24 -2.93	30.79 2.16 -4.63	28.49 1.99 -3.37	30.79 2.05 -4.62	31.77 2.17 -3.73	31.78 2.32 -0.53	34.23 2.48 -0.28	39.18 2.68 -0.24	42.75 3.09 -0.11	53.70 4.23 -3.95	54.60 4.23 -1.24	47.83 3.66 -1.06	36.98 2.36 0.00	32.24 2.22 -0.08	27.15 1.97 -0.01	26.10 1.77 -0.01
NARROWS_GT2_6 24241	22.83 1.31 -0.01	20.48 1.01 -0.01	19.25 0.93 -0.01	18.53 0.85 -0.01	18.47 0.85 -0.01	19.67 0.95 0.00	25.64 1.74 -0.01	28.49 2.13 -0.01	29.81 2.24 -2.93	30.79 2.16 -4.63	28.49 1.99 -3.37	30.79 2.05 -4.62	31.77 2.17 -3.73	31.78 2.32 -0.53	34.23 2.48 -0.28	39.18 2.68 -0.24	42.75 3.09 -0.11	53.70 4.23 -3.95	54.60 4.23 -1.24	47.83 3.66 -1.06	36.98 2.36 0.00	32.24 2.22 -0.08	27.15 1.97 -0.01	26.10 1.77 -0.01
NARROWS_GT2_7 24242	22.83 1.31 -0.01	20.48 1.01 -0.01	19.25 0.93 -0.01	18.53 0.85 -0.01	18.47 0.85 -0.01	19.67 0.95 0.00	25.64 1.74 -0.01	28.49 2.13 -0.01	29.81 2.24 -2.93	30.79 2.16 -4.63	28.49 1.99 -3.37	30.79 2.05 -4.62	31.77 2.17 -3.73	31.78 2.32 -0.53	34.23 2.48 -0.28	39.18 2.68 -0.24	42.75 3.09 -0.11	53.70 4.23 -3.95	54.60 4.23 -1.24	47.83 3.66 -1.06	36.98 2.36 0.00	32.24 2.22 -0.08	27.15 1.97 -0.01	26.10 1.77 -0.01
NARROWS_GT2_8 24243	22.83 1.31 -0.01	20.48 1.01 -0.01	19.25 0.93 -0.01	18.53 0.85 -0.01	18.47 0.85 -0.01	19.67 0.95 0.00	25.64 1.74 -0.01	28.49 2.13 -0.01	29.81 2.24 -2.93	30.79 2.16 -4.63	28.49 1.99 -3.37	30.79 2.05 -4.62	31.77 2.17 -3.73	31.78 2.32 -0.53	34.23 2.48 -0.28	39.18 2.68 -0.24	42.75 3.09 -0.11	53.70 4.23 -3.95	54.60 4.23 -1.24	47.83 3.66 -1.06	36.98 2.36 0.00	32.24 2.22 -0.08	27.15 1.97 -0.01	26.10 1.77 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	22.39 0.88 0.00	20.27 0.82 0.00	19.07 0.77 0.00	18.42 0.74 0.00	18.27 0.65 0.00	19.15 0.43 0.00	24.68 0.79 0.00	27.38 1.03 0.00	25.46 0.81 0.00	24.67 0.67 0.00	23.71 0.58 0.00	24.62 0.51 0.00	26.61 0.78 0.03	29.40 0.46 0.00	32.37 0.85 -0.06	37.26 1.09 0.08	41.49 1.90 -0.03	49.73 2.37 -1.85	52.22 2.70 -0.38	45.93 2.50 -0.32	35.87 1.25 0.00	30.99 1.02 -0.02	26.03 0.86 0.00	25.41 1.09 0.00
NCHELSEA_115KV_TR2 355582	22.58 1.08 0.00	20.31 0.86 0.00	19.11 0.81 0.00	18.40 0.72 0.00	18.31 0.69 0.00	19.48 0.77 0.00	25.25 1.36 0.00	28.01 1.66 0.00	26.25 1.60 0.00	25.41 1.42 0.00	24.48 1.34 0.00	25.42 1.30 0.00	27.35 1.42 -0.05	30.56 1.62 0.00	33.35 1.82 -0.06	38.55 2.14 -0.16	42.54 2.97 -0.02	52.53 3.60 -3.42	53.17 3.83 -0.19	46.64 3.36 -0.17	36.53 1.90 0.00	31.70 1.74 -0.01	26.76 1.59 0.00	25.75 1.43 0.00
NEG CAPITAL___MECHNVIL 23645	22.45 0.95 0.00	20.29 0.84 0.00	19.07 0.77 0.00	18.44 0.76 0.00	18.33 0.71 0.00	19.43 0.71 0.00	25.13 1.24 0.00	27.93 1.58 0.00	26.10 1.45 0.00	25.41 1.42 0.00	24.43 1.29 0.00	25.40 1.28 0.00	27.16 1.37 0.08	30.41 1.48 0.00	33.15 1.64 -0.05	37.96 1.92 0.22	42.21 2.61 -0.04	50.72 3.50 -1.70	53.63 4.03 -0.46	47.09 3.58 -0.40	37.08 2.46 0.00	31.92 1.95 -0.03	26.69 1.51 0.00	25.73 1.41 0.00
NEG CENTRAL_HIGH_ACRES 23767	21.51 0.00 0.00	19.40 -0.06 0.00	18.21 -0.09 0.00	17.56 -0.12 0.00	17.50 -0.12 0.00	18.66 -0.06 0.00	23.91 0.02 0.00	26.22 -0.13 0.00	24.42 -0.22 0.00	23.66 -0.34 0.00	22.86 -0.28 0.00	23.88 -0.24 0.00	25.69 -0.18 0.00	28.91 -0.03 0.00	31.53 0.06 0.00	36.51 0.26 0.00	40.03 0.48 0.00	46.06 0.55 0.00	49.92 0.78 0.00	43.72 0.60 0.00	34.69 0.07 0.00	29.77 -0.18 0.00	24.95 -0.23 0.00	24.30 -0.02 0.00
NEG CENTRAL___DRP 24199	21.96 0.45 0.00	19.88 0.43 0.00	18.65 0.35 0.00	17.98 0.30 0.00	17.92 0.30 0.00	19.11 0.39 0.00	24.89 1.00 0.00	27.35 1.00 0.00	25.48 0.84 0.00	24.21 0.22 0.00	23.41 0.28 0.00	24.46 0.34 0.00	26.23 0.36 0.00	29.49 0.55 0.00	32.03 0.57 0.00	36.98 0.73 0.00	40.58 1.03 0.00	46.88 1.37 0.00	50.76 1.62 0.00	44.49 1.38 0.00	35.31 0.69 0.00	30.40 0.45 0.00	25.50 0.33 0.00	24.73 0.41 0.00
NEG CENTRAL___INDECK 23768	23.01 1.50 0.00	20.74 1.28 0.00	19.46 1.15 0.00	18.72 1.04 0.00	18.62 1.00 0.00	19.93 1.22 0.00	25.49 1.60 0.00	27.85 1.50 0.00	25.90 1.26 0.00	25.17 1.18 0.00	24.31 1.18 0.00	25.42 1.30 0.00	27.29 1.42 0.00	30.07 1.13 0.00	32.91 1.45 0.00	38.25 1.99 0.00	42.12 2.57 0.00	48.56 3.05 0.00	52.72 3.59 0.00	46.26 3.15 0.00	36.46 1.83 0.00	31.27 1.32 0.00	26.76 1.59 0.00	26.19 1.87 0.00
NEG CENTRAL___SENECA 23627	22.20 0.69 0.00	20.08 0.62 0.00	18.82 0.51 0.00	18.14 0.46 0.00	18.06 0.44 0.00	19.30 0.58 0.00	24.92 1.03 0.00	27.30 0.95 0.00	25.46 0.81 0.00	24.50 0.50 0.00	23.69 0.56 0.00	24.77 0.65 0.00	26.57 0.70 0.00	29.89 0.95 0.00	32.47 1.01 0.00	37.52 1.27 0.00	41.22 1.66 0.00	47.61 2.09 0.00	51.50 2.36 0.00	45.14 2.03 0.00	35.76 1.14 0.00	30.79 0.84 0.00	25.81 0.63 0.00	25.07 0.75 0.00
NEG CENTRAL___STATE_STREET 24147	21.94 0.43 0.00	19.83 0.37 0.00	18.62 0.31 0.00	17.96 0.28 0.00	17.90 0.28 0.00	19.09 0.37 0.00	25.06 1.17 0.00	27.77 1.42 0.00	25.85 1.21 0.00	24.31 0.31 0.00	23.48 0.35 0.00	24.55 0.43 0.00	26.36 0.49 0.00	29.60 0.67 0.00	32.16 0.69 0.00	37.05 0.80 0.00	40.70 1.15 0.00	47.01 1.50 0.00	51.01 1.87 0.00	44.71 1.60 0.00	35.59 0.97 0.00	30.58 0.63 0.00	25.68 0.50 0.00	24.83 0.51 0.00
NEG MILLWOOD___DRP 24198	22.63 1.12 0.00	20.35 0.89 0.00	19.15 0.84 0.00	18.44 0.76 0.00	18.40 0.78 0.00	19.60 0.88 0.00	25.42 1.53 0.00	28.27 1.92 0.00	26.54 1.90 0.00	25.72 1.73 0.00	24.78 1.64 0.00	25.71 1.59 0.00	27.64 1.71 -0.06	30.85 1.91 0.00	33.73 2.11 -0.16	38.95 2.50 -0.20	42.97 3.36 -0.06	53.19 4.28 -3.40	54.31 4.52 -0.65	47.68 4.01 -0.56	36.94 2.32 0.00	32.08 2.10 -0.04	26.94 1.76 0.00	25.85 1.53 0.00



NEG NORTH_FLCN_SEA 23793	20.88 -0.62 0.00	18.93 -0.53 0.00	17.79 -0.51 0.00	17.15 -0.53 0.00	17.18 -0.44 0.00	18.36 -0.36 0.00	23.53 -0.36 0.00	26.24 -0.11 0.00	24.69 0.05 0.00	24.21 0.22 0.00	23.50 0.37 0.00	24.60 0.48 0.00	26.44 0.57 0.00	29.69 0.75 0.00	32.25 0.79 0.00	37.31 1.05 0.00	40.19 0.63 0.00	46.15 0.64 0.00	49.58 0.44 0.00	43.20 0.09 0.00	35.38 0.76 0.00	30.52 0.57 0.00	25.71 0.53 0.00	24.71 0.39 0.00
NEG NORTH_KES_CHATEGAY 23792	20.71 -0.80 0.00	18.78 -0.68 0.00	17.65 -0.66 0.00	17.01 -0.67 0.00	17.04 -0.58 0.00	18.19 -0.52 0.00	23.29 -0.60 0.00	25.95 -0.40 0.00	24.42 -0.22 0.00	23.95 -0.05 0.00	23.25 0.12 0.00	24.33 0.22 0.00	26.15 0.28 0.00	29.34 0.41 0.00	31.87 0.41 0.00	36.84 0.58 0.00	39.63 0.08 0.00	45.47 -0.05 0.00	48.84 -0.29 0.00	42.60 -0.52 0.00	34.93 0.31 0.00	30.16 0.21 0.00	25.40 0.23 0.00	24.42 0.10 0.00
NEG NORTH___ALICE_FALLS 23915	20.90 -0.60 0.00	18.95 -0.51 0.00	17.81 -0.49 0.00	17.17 -0.51 0.00	17.22 -0.41 0.00	18.38 -0.34 0.00	23.58 -0.31 0.00	26.30 -0.05 0.00	24.72 0.07 0.00	24.24 0.24 0.00	23.53 0.39 0.00	24.62 0.51 0.00	26.47 0.60 0.00	29.72 0.78 0.00	32.28 0.82 0.00	37.38 1.12 0.00	40.27 0.71 0.00	46.29 0.77 0.00	49.73 0.59 0.00	43.33 0.22 0.00	35.49 0.87 0.00	30.58 0.63 0.00	25.76 0.58 0.00	24.73 0.41 0.00
NEG NORTH___LWR_SARANAC 23913	20.90 -0.60 0.00	18.95 -0.51 0.00	17.81 -0.49 0.00	17.17 -0.51 0.00	17.22 -0.41 0.00	18.38 -0.34 0.00	23.58 -0.31 0.00	26.30 -0.05 0.00	24.72 0.07 0.00	24.24 0.24 0.00	23.53 0.39 0.00	24.62 0.51 0.00	26.47 0.60 0.00	29.72 0.78 0.00	32.28 0.82 0.00	37.38 1.12 0.00	40.27 0.71 0.00	46.29 0.77 0.00	49.73 0.59 0.00	43.33 0.22 0.00	35.49 0.87 0.00	30.58 0.63 0.00	25.76 0.58 0.00	24.73 0.41 0.00
NEG NORTH___PLATTSBURG 23628	20.91 -0.60 0.00	18.95 -0.51 0.00	17.81 -0.49 0.00	17.17 -0.51 0.00	17.22 -0.40 0.00	18.38 -0.34 0.00	23.58 -0.31 0.00	26.30 -0.05 0.00	24.72 0.07 0.00	24.24 0.24 0.00	23.53 0.39 0.00	24.63 0.51 0.00	26.47 0.60 0.00	29.72 0.78 0.00	32.28 0.82 0.00	37.42 1.16 0.00	40.46 0.91 0.00	46.28 0.77 0.00	49.73 0.59 0.00	43.37 0.26 0.00	35.49 0.87 0.00	30.55 0.60 0.00	25.76 0.58 0.00	24.78 0.46 0.00
NEG WEST_LEA_LOCKPORT 23791	22.35 0.84 0.00	20.27 0.82 0.00	18.98 0.68 0.00	18.23 0.55 0.00	18.03 0.41 0.00	19.20 0.49 0.00	24.34 0.45 0.00	26.03 -0.32 0.00	24.28 -0.37 0.00	23.85 -0.14 0.00	23.09 -0.05 0.00	24.21 0.10 0.00	25.95 0.08 0.00	29.37 0.43 0.00	32.22 0.76 0.00	37.20 0.94 0.00	40.62 1.07 0.00	46.56 1.05 0.00	50.12 0.98 0.00	44.10 0.99 0.00	34.73 0.10 0.00	29.95 0.00 0.00	25.13 -0.05 0.00	25.29 0.97 0.00
NEG WEST___LANCASTR 23811	23.14 1.63 0.00	20.97 1.52 0.00	19.64 1.34 0.00	18.85 1.17 0.00	18.64 1.02 0.00	19.92 1.20 0.00	25.42 1.53 0.00	27.53 1.19 0.00	25.36 0.71 0.00	24.93 0.94 0.00	24.15 1.02 0.00	25.35 1.23 0.00	27.45 1.58 0.00	31.08 2.14 0.00	34.11 2.64 0.00	39.30 3.05 0.00	43.07 3.52 0.00	49.39 3.87 -0.01	53.13 3.98 -0.01	46.74 3.62 -0.01	36.70 2.08 0.00	31.66 1.71 0.00	26.54 1.36 0.00	26.34 2.02 0.00
NEG_PENN_ALLEGHNY 23528	22.13 0.62 0.00	20.00 0.54 0.00	18.80 0.49 0.00	18.14 0.46 0.00	18.06 0.44 0.00	19.22 0.51 0.00	24.68 0.79 0.00	27.14 0.79 0.00	25.36 0.72 0.00	24.64 0.65 0.00	23.80 0.67 0.00	24.84 0.72 0.00	26.59 0.72 0.00	29.89 0.95 0.00	32.56 1.10 0.00	37.52 1.27 0.00	41.34 1.78 0.00	47.70 2.18 0.00	51.55 2.41 0.00	45.22 2.11 0.00	35.83 1.21 0.00	30.85 0.90 0.00	25.91 0.73 0.00	25.15 0.83 0.00
NEG___GEN_MONROE 24207	22.07 0.56 0.00	19.98 0.53 0.00	18.73 0.42 0.00	18.03 0.35 0.00	17.97 0.35 0.00	19.17 0.45 0.00	24.32 0.43 0.00	26.48 0.13 0.00	24.69 0.05 0.00	24.14 0.14 0.00	23.34 0.21 0.00	24.41 0.29 0.00	26.18 0.31 0.00	29.46 0.52 0.00	32.22 0.76 0.00	37.27 1.02 0.00	40.78 1.23 0.00	46.92 1.41 0.00	50.76 1.62 0.00	44.58 1.47 0.00	35.38 0.76 0.00	30.46 0.51 0.00	25.50 0.33 0.00	25.03 0.71 0.00
NEPA___ENERGY 23901	22.69 1.18 0.00	20.56 1.11 0.00	19.26 0.95 0.00	18.47 0.80 0.00	18.29 0.67 0.00	19.54 0.82 0.00	24.92 1.03 0.00	27.14 0.79 0.00	25.41 0.76 0.00	24.93 0.94 0.00	24.15 1.02 0.00	25.28 1.16 0.00	27.01 1.14 0.00	30.56 1.62 0.00	33.54 2.08 0.00	38.72 2.47 0.00	42.48 2.93 0.00	48.70 3.19 0.00	52.38 3.24 0.00	46.05 2.93 0.00	36.15 1.52 0.00	31.15 1.20 0.00	26.08 0.91 0.00	25.78 1.46 0.00
NEVERSINK___HYD 23608	22.28 0.77 0.00	20.06 0.60 0.00	18.87 0.57 0.00	18.17 0.49 0.00	18.06 0.44 0.00	19.22 0.51 0.00	24.85 0.96 0.00	27.54 1.19 0.00	25.78 1.13 0.00	24.96 0.96 0.00	24.03 0.90 0.00	25.01 0.89 0.00	26.88 0.98 -0.03	30.10 1.16 0.00	32.75 1.32 0.04	37.81 1.49 -0.07	41.59 2.06 0.02	48.58 2.68 -0.39	51.68 2.80 0.26	45.34 2.46 0.22	35.94 1.32 0.00	31.16 1.23 0.01	26.36 1.18 0.00	25.34 1.02 0.00
NEWKRMKL_115KV_TB1 55635	21.94 0.43 0.00	19.85 0.39 0.00	18.67 0.37 0.00	18.07 0.39 0.00	17.99 0.37 0.00	18.92 0.21 0.00	24.37 0.48 0.00	27.06 0.71 0.00	25.31 0.67 0.00	24.62 0.62 0.00	23.69 0.56 0.00	24.62 0.51 0.00	26.37 0.57 0.07	29.43 0.49 0.00	32.06 0.53 -0.06	36.66 0.58 0.17	40.82 1.23 -0.04	48.84 1.59 -1.73	51.33 1.72 -0.47	45.15 1.64 -0.40	35.52 0.90 0.00	30.66 0.69 -0.03	25.73 0.55 0.00	24.88 0.56 0.00
NEWTON___FALLS_HYD 23847	21.55 0.04 0.00	19.53 0.08 0.00	18.38 0.07 0.00	17.73 0.05 0.00	17.71 0.09 0.00	18.90 0.19 0.00	24.18 0.29 0.00	26.64 0.29 0.00	25.04 0.39 0.00	24.28 0.29 0.00	23.39 0.25 0.00	24.53 0.41 0.00	26.31 0.44 0.00	29.55 0.61 0.00	32.09 0.63 0.00	37.09 0.83 0.00	40.23 0.67 0.00	45.38 -0.14 0.00	49.04 -0.10 0.00	43.03 -0.09 0.00	35.14 0.52 0.00	30.37 0.42 0.00	25.56 0.38 0.00	24.59 0.27 0.00
NGRID_A1_DSASP 323792	21.91 0.41 0.00	19.73 0.27 0.00	18.54 0.24 0.00	17.80 0.12 0.00	17.62 0.00 0.00	18.77 0.06 0.00	23.82 -0.07 0.00	25.66 -0.69 0.00	23.96 -0.69 0.00	23.52 -0.48 0.00	22.76 -0.37 0.00	23.88 -0.24 0.00	25.56 -0.31 0.00	28.94 0.00 0.00	31.68 0.22 0.00	36.65 0.40 0.00	40.19 0.63 0.00	45.74 0.23 0.00	49.44 0.30 0.00	43.42 0.30 0.00	34.17 -0.45 0.00	29.50 -0.45 0.00	24.77 -0.40 0.00	24.76 0.44 0.00
NGRID_A2_DSASP 323793	21.91 0.41 0.00	19.73 0.27 0.00	18.54 0.24 0.00	17.80 0.12 0.00	17.62 0.00 0.00	18.77 0.06 0.00	23.82 -0.07 0.00	25.66 -0.69 0.00	23.96 -0.69 0.00	23.52 -0.48 0.00	22.76 -0.37 0.00	23.88 -0.24 0.00	25.56 -0.31 0.00	28.94 0.00 0.00	31.68 0.22 0.00	36.65 0.40 0.00	40.19 0.63 0.00	45.74 0.23 0.00	49.44 0.30 0.00	43.42 0.30 0.00	34.17 -0.45 0.00	29.50 -0.45 0.00	24.77 -0.40 0.00	24.76 0.44 0.00

NGRID_A4_DSASP 323807	21.85 0.34 0.00	19.81 0.35 0.00	18.54 0.24 0.00	17.80 0.12 0.00	17.62 0.00 0.00	18.77 0.06 0.00	23.82 -0.07 0.00	25.66 -0.69 0.00	23.96 -0.69 0.00	23.52 -0.48 0.00	22.76 -0.37 0.00	23.88 -0.24 0.00	25.56 -0.31 0.00	28.94 0.00 0.00	31.68 0.22 0.00	36.62 0.36 0.00	39.95 0.40 0.00	45.74 0.23 0.00	49.29 0.15 0.00	43.37 0.26 0.00	34.21 -0.42 0.00	29.50 -0.45 0.00	24.77 -0.40 0.00	24.76 0.44 0.00
NIAGARA_115E_LBMP 323715	21.91 0.41 0.00	19.87 0.41 0.00	18.71 0.40 0.00	17.96 0.28 0.00	17.78 0.16 0.00	18.90 0.19 0.00	23.91 0.02 0.00	25.72 -0.63 0.00	24.00 -0.64 0.00	23.56 -0.43 0.00	22.81 -0.32 0.00	23.90 -0.22 0.00	25.61 -0.26 0.00	29.00 0.06 0.00	31.75 0.28 0.00	36.76 0.51 0.00	40.30 0.75 0.00	45.91 0.41 0.01	49.62 0.49 0.01	43.58 0.48 0.01	34.28 -0.35 0.00	29.56 -0.39 0.00	24.82 -0.35 0.00	24.85 0.53 0.00
NIAGARA_115W_LBMP 323714	21.85 0.34 0.00	19.67 0.21 0.00	18.49 0.18 0.00	17.75 0.07 0.00	17.57 -0.05 0.00	18.72 0.00 0.00	23.75 -0.14 0.00	25.58 -0.76 0.00	23.88 -0.76 0.00	23.45 -0.55 0.00	22.69 -0.44 0.00	23.78 -0.34 0.00	25.48 -0.39 0.00	28.85 -0.09 0.00	31.56 0.09 0.00	36.54 0.29 0.00	40.07 0.51 0.00	45.60 0.09 0.00	49.29 0.15 0.00	43.29 0.17 0.00	34.07 -0.56 0.00	29.41 -0.54 0.00	24.70 -0.48 0.00	24.69 0.37 0.00
NIAGARA_230_LBMP 323716	22.07 0.56 0.00	19.92 0.47 0.00	18.74 0.44 0.00	17.98 0.30 0.00	17.81 0.19 0.00	19.00 0.28 0.00	24.08 0.19 0.00	25.95 -0.39 0.00	24.23 -0.42 0.00	23.78 -0.22 0.00	23.02 -0.12 0.00	24.12 0.00 0.00	25.82 -0.05 0.00	29.23 0.29 0.00	31.96 0.50 0.00	36.98 0.72 0.00	40.58 1.03 0.00	46.20 0.68 0.00	49.92 0.78 0.00	43.84 0.73 0.00	34.55 -0.07 0.00	29.80 -0.15 0.00	25.03 -0.15 0.00	25.00 0.68 0.00
NIAGARA__115KV_198_GIBSON 55903	21.79 0.28 0.00	19.75 0.29 0.00	18.49 0.18 0.00	17.75 0.07 0.00	17.57 -0.05 0.00	18.72 0.00 0.00	23.75 -0.14 0.00	25.58 -0.76 0.00	23.88 -0.76 0.00	23.44 -0.55 0.00	22.69 -0.44 0.00	23.78 -0.34 0.00	25.48 -0.39 0.00	28.85 -0.09 0.00	31.59 0.13 0.00	36.51 0.25 0.00	39.83 0.28 0.00	45.60 0.09 0.00	49.09 -0.05 0.00	43.24 0.13 0.00	34.10 -0.52 0.00	29.41 -0.54 0.00	24.70 -0.48 0.00	24.66 0.34 0.00
NIAGARA____ 23760	22.07 0.56 0.00	19.92 0.47 0.00	18.74 0.44 0.00	17.98 0.30 0.00	17.81 0.19 0.00	19.00 0.28 0.00	24.08 0.19 0.00	25.95 -0.39 0.00	24.23 -0.42 0.00	23.78 -0.22 0.00	23.02 -0.12 0.00	24.12 0.00 0.00	25.82 -0.05 0.00	29.23 0.29 0.00	31.96 0.50 0.00	36.98 0.72 0.00	40.58 1.03 0.00	46.19 0.68 0.00	49.92 0.78 0.00	43.84 0.73 0.00	34.55 -0.07 0.00	29.80 -0.15 0.00	25.03 -0.15 0.00	25.00 0.68 0.00
NINE_MILE_1 23575	21.14 -0.37 0.00	19.11 -0.35 0.00	17.98 -0.33 0.00	17.34 -0.34 0.00	17.29 -0.34 0.00	18.38 -0.34 0.00	23.34 -0.55 0.00	25.58 -0.76 0.00	23.86 -0.79 0.00	23.25 -0.74 0.00	22.44 -0.69 0.00	23.42 -0.70 0.00	25.12 -0.75 0.00	28.13 -0.81 0.00	30.58 -0.88 0.00	35.28 -0.98 0.00	38.60 -0.95 0.00	44.47 -1.04 0.00	48.06 -1.08 0.00	42.16 -0.95 0.00	33.69 -0.93 0.00	29.08 -0.87 0.00	24.45 -0.73 0.00	23.64 -0.68 0.00
NINE_MILE_2 23744	21.14 -0.37 0.00	19.11 -0.35 0.00	17.98 -0.33 0.00	17.34 -0.34 0.00	17.29 -0.34 0.00	18.38 -0.34 0.00	23.34 -0.55 0.00	25.56 -0.79 0.00	23.86 -0.79 0.00	23.25 -0.74 0.00	22.44 -0.69 0.00	23.42 -0.70 0.00	25.12 -0.75 0.00	28.13 -0.81 0.00	30.58 -0.88 0.00	35.28 -0.98 0.00	38.60 -0.95 0.00	44.47 -1.04 0.00	48.06 -1.08 0.00	42.16 -0.95 0.00	33.69 -0.93 0.00	29.08 -0.87 0.00	24.45 -0.73 0.00	23.64 -0.68 0.00
NM_CAPITAL____DRP 24208	21.96 0.45 0.00	19.85 0.39 0.00	18.69 0.38 0.00	18.09 0.41 0.00	18.01 0.39 0.00	18.98 0.26 0.00	24.46 0.57 0.00	27.14 0.79 0.00	25.41 0.76 0.00	24.69 0.70 0.00	23.73 0.60 0.00	24.67 0.55 0.00	26.42 0.62 0.07	29.49 0.55 0.00	32.12 0.60 -0.06	36.72 0.65 0.19	40.90 1.31 -0.04	48.99 1.73 -1.75	51.48 1.87 -0.48	45.25 1.72 -0.41	35.59 0.97 0.00	30.72 0.75 -0.03	25.78 0.60 0.00	24.93 0.61 0.00
NM_CENTRAL____DRP 24181	21.59 0.09 0.00	19.53 0.08 0.00	18.34 0.04 0.00	17.71 0.04 0.00	17.64 0.02 0.00	18.77 0.06 0.00	24.08 0.19 0.00	26.43 0.08 0.00	24.65 0.00 0.00	23.85 -0.14 0.00	23.04 -0.09 0.00	24.07 -0.05 0.00	25.79 -0.08 0.00	28.88 -0.06 0.00	31.40 -0.06 0.00	36.18 -0.07 0.00	39.71 0.16 0.00	45.78 0.27 0.00	49.53 0.39 0.00	43.46 0.34 0.00	34.62 0.00 0.00	29.80 -0.15 0.00	25.03 -0.15 0.00	24.22 -0.10 0.00
NM_FRONTIER____DRP 24179	21.79 0.28 0.00	19.75 0.29 0.00	18.49 0.18 0.00	17.75 0.07 0.00	17.57 -0.05 0.00	18.72 0.00 0.00	23.75 -0.14 0.00	25.58 -0.76 0.00	23.88 -0.76 0.00	23.44 -0.55 0.00	22.69 -0.44 0.00	23.78 -0.34 0.00	25.48 -0.39 0.00	28.85 -0.09 0.00	31.59 0.13 0.00	36.51 0.25 0.00	39.83 0.28 0.00	45.60 0.09 0.00	49.09 -0.05 0.00	43.24 0.13 0.00	34.10 -0.52 0.00	29.41 -0.54 0.00	24.70 -0.48 0.00	24.66 0.34 0.00
NM_ST_REGIS____HYD 24053	21.12 -0.39 0.00	19.18 -0.27 0.00	18.03 -0.27 0.00	17.40 -0.28 0.00	17.41 -0.21 0.00	18.55 -0.17 0.00	23.67 -0.22 0.00	26.22 -0.13 0.00	24.52 -0.12 0.00	23.92 -0.07 0.00	23.11 -0.02 0.00	24.17 0.05 0.00	25.95 0.08 0.00	29.11 0.17 0.00	31.62 0.16 0.00	36.55 0.29 0.00	38.92 -0.63 0.00	44.19 -1.32 0.00	47.66 -1.47 0.00	41.69 -1.42 0.00	34.55 -0.07 0.00	30.01 0.06 0.00	25.30 0.13 0.00	24.30 -0.02 0.00
NORTHPORT____1 23551	22.95 1.44 0.00	20.49 1.03 0.00	19.24 0.93 0.00	18.39 0.71 0.00	18.54 0.92 0.00	19.93 1.22 0.00	26.26 2.37 0.00	29.34 2.98 -0.01	27.61 2.96 -0.01	26.56 2.57 0.00	25.64 2.50 -0.01	28.91 2.39 -2.41	30.53 2.51 -2.16	31.73 2.78 -0.02	34.25 2.52 -0.27	38.38 1.88 -0.24	49.05 2.73 -6.76	59.68 3.91 -10.25	59.48 3.54 -6.80	52.61 3.49 -6.01	46.34 2.67 -9.05	37.18 2.22 -5.01	31.23 2.44 -3.61	27.77 2.31 -1.14
NORTHPORT____2 23552	22.95 1.44 0.00	20.49 1.03 0.00	19.24 0.93 0.00	18.39 0.71 0.00	18.54 0.92 0.00	19.93 1.22 0.00	26.26 2.37 0.00	29.34 2.98 -0.01	27.61 2.96 -0.01	26.56 2.57 0.00	25.64 2.50 -0.01	28.91 2.39 -2.41	30.53 2.51 -2.16	31.73 2.78 -0.02	34.25 2.52 -0.27	38.38 1.88 -0.24	49.05 2.73 -6.76	59.68 3.91 -10.25	59.48 3.54 -6.80	52.61 3.49 -6.01	46.34 2.67 -9.05	37.18 2.22 -5.01	31.23 2.44 -3.61	27.77 2.31 -1.14
NORTHPORT____3 23553	22.88 1.38 0.00	20.43 0.97 0.00	19.18 0.88 0.00	18.35 0.67 0.00	18.47 0.85 0.00	19.82 1.10 0.00	25.94 2.05 0.00	29.01 2.66 0.00	27.33 2.69 0.00	26.35 2.35 0.00	25.50 2.36 -0.01	28.86 2.34 -2.41	30.51 2.48 -2.16	31.53 2.57 -0.02	33.90 2.17 -0.27	38.45 1.96 -0.24	49.16 2.85 -6.76	60.54 4.78 -10.25	60.65 4.72 -6.79	53.47 4.35 -6.01	46.37 2.70 -9.05	37.63 2.66 -5.01	31.13 2.34 -3.61	27.67 2.21 -1.14

NORTHPORT___4 23650	22.88 1.38 0.00	20.43 0.97 0.00	19.18 0.88 0.00	18.35 0.67 0.00	18.47 0.85 0.00	19.82 1.10 0.00	25.94 2.05 0.00	29.01 2.66 0.00	27.33 2.69 0.00	26.35 2.35 0.00	25.50 2.36 -0.01	28.86 2.34 -2.41	30.51 2.48 -2.16	31.53 2.57 -0.02	33.90 2.17 -0.27	38.45 1.96 -0.24	49.16 2.85 -6.76	60.54 4.78 -10.25	60.65 4.72 -6.79	53.47 4.35 -6.01	46.37 2.70 -9.05	37.63 2.66 -5.01	31.13 2.34 -3.61	27.67 2.21 -1.14
NORTHPORT___IC 23718	22.95 1.44 0.00	20.49 1.03 0.00	19.24 0.93 0.00	18.39 0.71 0.00	18.54 0.92 0.00	19.93 1.22 0.00	26.26 2.37 0.00	29.34 2.98 -0.01	27.61 2.96 -0.01	26.56 2.57 0.00	25.64 2.50 -0.01	28.91 2.39 -2.41	30.53 2.51 -2.16	31.73 2.78 -0.02	34.25 2.52 -0.27	38.38 1.88 -0.24	49.05 2.73 -6.76	59.68 3.91 -10.25	59.48 3.54 -6.80	52.61 3.49 -6.01	46.34 2.67 -9.05	37.18 2.22 -5.01	31.23 2.44 -3.61	27.77 2.31 -1.14
NORTH___COUNTRY_ESR 323785	20.65 -0.86 0.00	18.72 -0.74 0.00	17.59 -0.71 0.00	16.97 -0.71 0.00	17.00 -0.62 0.00	18.14 -0.58 0.00	23.22 -0.67 0.00	25.88 -0.47 0.00	24.35 -0.29 0.00	23.88 -0.12 0.00	23.18 0.05 0.00	24.26 0.15 0.00	26.08 0.21 0.00	29.26 0.32 0.00	31.78 0.31 0.00	36.80 0.54 0.00	39.71 0.16 0.00	45.29 -0.23 0.00	48.65 -0.49 0.00	42.47 -0.65 0.00	34.80 0.17 0.00	30.04 0.09 0.00	25.33 0.15 0.00	24.39 0.07 0.00
NPX_GEN_1385_PROXY 323591	22.84 1.33 0.00	20.39 0.93 0.00	19.15 0.84 0.00	18.28 0.60 0.00	18.54 0.92 0.00	19.93 1.22 0.00	26.71 2.82 0.00	29.39 3.03 -0.01	27.71 3.06 -0.01	26.30 2.30 0.00	25.06 1.92 -0.01	28.07 1.54 -2.41	29.63 1.60 -2.16	30.84 1.88 -0.02	33.28 1.54 -0.27	37.15 0.65 -0.24	47.90 1.58 -6.76	57.59 2.96 -9.12	57.85 1.91 -6.80	51.58 2.46 -6.01	45.57 2.18 -8.77	36.67 1.71 -5.01	30.61 1.81 -3.61	27.26 1.80 -1.14
NPX_GEN_CSC 323557	23.33 1.83 0.00	20.82 1.36 0.00	19.57 1.26 0.00	18.65 0.97 0.00	18.84 1.21 0.00	20.27 1.55 0.00	26.61 2.72 0.00	29.97 3.61 -0.01	28.20 3.55 -0.01	27.14 3.14 0.00	26.24 3.10 -0.01	29.54 3.01 -2.41	31.23 3.21 -2.16	32.54 3.59 -0.02	35.18 3.43 -0.28	39.73 3.23 -0.25	50.40 4.07 -6.77	61.46 5.69 -10.26	61.54 5.60 -6.81	54.35 5.21 -6.02	47.63 3.95 -9.06	38.36 3.38 -5.02	32.02 3.22 -3.62	28.48 3.02 -1.14
NSINS_S_GLNS_FALLS 23858	22.41 0.90 0.00	20.20 0.74 0.00	19.00 0.70 0.00	18.37 0.69 0.00	18.24 0.62 0.00	19.32 0.60 0.00	25.04 1.15 0.00	27.96 1.61 0.00	26.05 1.40 0.00	25.39 1.39 0.00	24.45 1.32 0.00	25.40 1.28 0.00	27.06 1.27 0.07	30.27 1.33 0.00	33.02 1.51 -0.05	37.95 1.89 0.19	42.17 2.57 -0.04	50.56 3.37 -1.68	53.82 4.23 -0.46	47.30 3.79 -0.39	37.36 2.74 0.00	32.10 2.13 -0.02	26.76 1.59 0.00	25.78 1.46 0.00
NUCOR_STEEL___DRP 24197	21.94 0.43 0.00	19.85 0.39 0.00	18.64 0.33 0.00	17.98 0.30 0.00	17.92 0.30 0.00	19.09 0.37 0.00	25.06 1.17 0.00	27.61 1.26 0.00	25.71 1.06 0.00	24.12 0.12 0.00	23.30 0.16 0.00	24.33 0.22 0.00	26.13 0.26 0.00	29.34 0.41 0.00	31.84 0.38 0.00	36.73 0.47 0.00	40.31 0.75 0.00	46.56 1.05 0.00	50.51 1.38 0.00	44.23 1.12 0.00	35.28 0.66 0.00	30.31 0.36 0.00	25.45 0.28 0.00	24.64 0.32 0.00
NUMBER_THREE_WT_PWR 323818	21.89 0.39 0.00	19.84 0.39 0.00	18.67 0.37 0.00	18.01 0.34 0.00	17.97 0.35 0.00	19.20 0.49 0.00	24.61 0.72 0.00	27.06 0.71 0.00	25.29 0.64 0.00	24.50 0.50 0.00	23.60 0.46 0.00	24.74 0.63 0.00	26.52 0.65 0.00	29.84 0.90 0.00	32.41 0.94 0.00	37.45 1.19 0.00	41.10 1.54 0.00	46.97 1.46 0.00	50.86 1.72 0.00	44.66 1.55 0.00	35.87 1.24 0.00	30.85 0.90 0.00	25.86 0.68 0.00	24.93 0.61 0.00
NYISO_LBMP_REFERENCE 24008	21.51 0.00 0.00	19.46 0.00 0.00	18.31 0.00 0.00	17.68 0.00 0.00	17.62 0.00 0.00	18.72 0.00 0.00	23.89 0.00 0.00	26.35 0.00 0.00	24.65 0.00 0.00	24.00 0.00 0.00	23.13 0.00 0.00	24.12 0.00 0.00	25.87 0.00 0.00	28.94 0.00 0.00	31.46 0.00 0.00	36.26 0.00 0.00	39.55 0.00 0.00	45.51 0.00 0.00	49.14 0.00 0.00	43.11 0.00 0.00	34.62 0.00 0.00	29.95 0.00 0.00	25.18 0.00 0.00	24.32 0.00 0.00
NYPA_BRENTWD___GT 24164	23.23 1.72 0.00	20.72 1.26 0.00	19.46 1.15 0.00	18.58 0.90 0.00	18.73 1.11 0.00	20.14 1.42 0.00	26.49 2.60 0.00	29.60 3.24 -0.01	27.86 3.20 -0.01	26.83 2.83 0.00	25.94 2.80 -0.01	29.27 2.75 -2.41	30.82 2.79 -2.16	32.08 3.13 -0.02	34.66 2.93 -0.27	39.07 2.57 -0.24	49.68 3.36 -6.76	60.54 4.78 -10.25	60.51 4.57 -6.80	53.48 4.35 -6.01	47.21 3.53 -9.05	37.96 2.99 -5.01	31.74 2.94 -3.62	28.21 2.75 -1.14
NYPA_GOWANUS___GT5 24156	22.83 1.31 -0.01	20.48 1.01 -0.01	19.25 0.93 -0.01	18.53 0.85 -0.01	18.47 0.85 -0.01	19.67 0.95 0.00	25.64 1.74 -0.01	28.49 2.13 -0.01	29.81 2.24 -2.93	30.79 2.16 -4.63	28.49 1.99 -3.37	30.79 2.05 -4.62	31.77 2.17 -3.73	31.78 2.32 -0.53	34.23 2.48 -0.28	39.18 2.68 -0.24	42.71 3.05 -0.11	53.70 4.23 -3.95	54.60 4.23 -1.24	47.79 3.62 -1.06	36.98 2.36 0.00	32.24 2.22 -0.08	27.15 1.97 -0.01	26.10 1.77 -0.01
NYPA_GOWANUS___GT6 24157	22.83 1.31 -0.01	20.48 1.01 -0.01	19.25 0.93 -0.01	18.53 0.85 -0.01	18.47 0.85 -0.01	19.67 0.95 0.00	25.64 1.74 -0.01	28.49 2.13 -0.01	29.81 2.24 -2.93	30.79 2.16 -4.63	28.49 1.99 -3.37	30.79 2.05 -4.62	31.77 2.17 -3.73	31.78 2.32 -0.53	34.23 2.48 -0.28	39.18 2.68 -0.24	42.71 3.05 -0.11	53.70 4.23 -3.95	54.60 4.23 -1.24	47.79 3.62 -1.06	36.98 2.36 0.00	32.24 2.22 -0.08	27.15 1.97 -0.01	26.10 1.77 -0.01
NYPA_HARLEM__RVR_GT1 24160	22.55 1.03 -0.01	20.24 0.78 -0.01	19.03 0.71 -0.01	18.34 0.65 -0.01	18.30 0.67 -0.01	19.48 0.77 0.01	25.41 1.53 0.01	28.29 1.95 0.01	26.71 2.07 0.01	25.96 1.97 0.01	24.95 1.83 0.01	25.94 1.83 0.01	27.84 1.91 -0.06	30.96 2.03 0.01	33.87 2.14 -0.27	38.74 2.25 -0.23	42.35 2.69 -0.10	53.19 3.73 -3.94	54.00 3.64 -1.23	47.31 3.15 -1.05	36.59 1.97 0.01	31.87 1.86 -0.06	26.92 1.74 -0.01	25.81 1.48 -0.01
NYPA_HARLEM__RVR_GT2 24161	22.55 1.03 -0.01	20.24 0.78 -0.01	19.03 0.71 -0.01	18.34 0.65 -0.01	18.30 0.67 -0.01	19.48 0.77 0.01	25.41 1.53 0.01	28.29 1.95 0.01	26.71 2.07 0.01	25.96 1.97 0.01	24.95 1.83 0.01	25.94 1.83 0.01	27.84 1.91 -0.06	30.96 2.03 0.01	33.87 2.14 -0.27	38.74 2.25 -0.23	42.35 2.69 -0.10	53.19 3.73 -3.94	54.00 3.64 -1.23	47.31 3.15 -1.05	36.59 1.97 0.01	31.87 1.86 -0.06	26.92 1.74 -0.01	25.81 1.48 -0.01
NYPA_KENT___GT 24152	22.78 1.27 -0.01	20.44 0.97 -0.01	19.23 0.91 -0.01	18.52 0.83 -0.01	18.46 0.83 -0.01	19.67 0.95 0.00	25.64 1.74 -0.01	28.47 2.11 -0.01	29.81 2.24 -2.93	30.76 2.13 -4.63	28.49 1.99 -3.37	30.76 2.03 -4.62	31.74 2.15 -3.73	31.73 2.26 -0.53	34.17 2.42 -0.28	39.07 2.57 -0.24	42.67 3.00 -0.11	53.56 4.10 -3.95	54.45 4.08 -1.24	47.71 3.54 -1.06	36.91 2.28 0.00	32.18 2.16 -0.08	27.12 1.94 -0.01	26.05 1.73 -0.01

NYPA_POUCH1____GT 24155	22.85 1.33 -0.01	20.49 1.03 -0.01	19.26 0.95 -0.01	18.55 0.87 -0.01	18.49 0.86 -0.01	19.69 0.97 0.00	25.67 1.77 -0.01	28.52 2.16 -0.01	29.84 2.27 -2.93	30.81 2.18 -4.63	28.51 2.01 -3.37	30.81 2.07 -4.62	31.79 2.20 -3.73	31.80 2.34 -0.51	34.24 2.55 -0.23	39.17 2.72 -0.19	42.73 3.09 -0.09	53.70 4.23 -3.95	54.60 4.23 -1.24	47.83 3.66 -1.06	37.04 2.42 0.00	32.26 2.25 -0.06	27.17 1.99 -0.01	26.13 1.80 -0.01
NYPA_VERNON____GT2 24162	22.74 1.23 -0.01	20.42 0.95 -0.01	19.19 0.88 -0.01	18.48 0.80 -0.01	18.44 0.81 -0.01	19.65 0.94 0.00	25.62 1.72 -0.01	28.47 2.11 -0.01	29.79 2.22 -2.93	30.74 2.11 -4.63	28.47 1.97 -3.37	30.74 2.00 -4.62	31.72 2.12 -3.73	31.70 2.23 -0.53	34.11 2.36 -0.28	39.00 2.50 -0.24	42.63 2.97 -0.11	53.47 4.01 -3.95	54.31 3.93 -1.24	47.62 3.45 -1.06	36.84 2.22 0.00	32.12 2.10 -0.08	27.10 1.91 -0.01	26.03 1.70 -0.01
NYPA_VERNON____GT3 24163	22.74 1.23 -0.01	20.42 0.95 -0.01	19.19 0.88 -0.01	18.48 0.80 -0.01	18.44 0.81 -0.01	19.65 0.94 0.00	25.62 1.72 -0.01	28.47 2.11 -0.01	29.79 2.22 -2.93	30.74 2.11 -4.63	28.47 1.97 -3.37	30.74 2.00 -4.62	31.72 2.12 -3.73	31.70 2.23 -0.53	34.11 2.36 -0.28	39.00 2.50 -0.24	42.63 2.97 -0.11	53.47 4.01 -3.95	54.31 3.93 -1.24	47.62 3.45 -1.06	36.84 2.22 0.00	32.12 2.10 -0.08	27.10 1.91 -0.01	26.03 1.70 -0.01
NYPA____ASTORIA_CC1 323568	22.72 1.20 -0.01	20.40 0.93 -0.01	19.17 0.86 -0.01	18.46 0.78 -0.01	18.42 0.79 -0.01	19.63 0.92 0.00	25.59 1.70 -0.01	28.44 2.08 -0.01	29.74 2.17 -2.93	30.69 2.06 -4.63	28.42 1.92 -3.37	30.69 1.95 -4.62	31.64 2.04 -3.73	31.64 2.17 -0.53	34.04 2.30 -0.28	38.93 2.43 -0.24	42.55 2.89 -0.11	53.38 3.91 -3.95	54.26 3.88 -1.24	47.54 3.36 -1.06	36.80 2.18 0.00	32.06 2.04 -0.08	27.07 1.89 -0.01	25.98 1.65 -0.01
NYPA____ASTORIA_CC2 323569	22.72 1.20 -0.01	20.40 0.93 -0.01	19.17 0.86 -0.01	18.46 0.78 -0.01	18.42 0.79 -0.01	19.63 0.92 0.00	25.59 1.70 -0.01	28.44 2.08 -0.01	29.74 2.17 -2.93	30.69 2.06 -4.63	28.42 1.92 -3.37	30.69 1.95 -4.62	31.64 2.04 -3.73	31.64 2.17 -0.53	34.04 2.30 -0.28	38.93 2.43 -0.24	42.55 2.89 -0.11	53.38 3.91 -3.95	54.26 3.88 -1.24	47.54 3.36 -1.06	36.80 2.18 0.00	32.06 2.04 -0.08	27.07 1.89 -0.01	25.98 1.65 -0.01
NYPA____HOLTSVILL 23794	23.14 1.63 0.00	20.66 1.21 0.00	19.40 1.10 0.00	18.53 0.85 0.00	18.68 1.06 0.00	20.10 1.39 0.00	26.40 2.51 0.00	29.63 3.27 -0.01	27.86 3.20 -0.01	26.83 2.83 0.00	25.94 2.80 -0.01	29.25 2.72 -2.41	30.92 2.90 -2.16	32.20 3.24 -0.02	34.77 3.02 -0.28	39.19 2.68 -0.25	49.89 3.56 -6.77	60.82 5.05 -10.26	60.81 4.87 -6.81	53.70 4.57 -6.02	47.04 3.36 -9.06	37.91 2.94 -5.02	31.67 2.87 -3.62	28.16 2.70 -1.14
NYPA____HELLGATE_GT1 24158	22.55 1.03 -0.01	20.24 0.78 -0.01	19.03 0.71 -0.01	18.34 0.65 -0.01	18.30 0.67 -0.01	19.48 0.77 0.01	25.41 1.53 0.01	28.29 1.95 0.01	26.71 2.07 0.01	25.96 1.97 0.01	24.95 1.83 0.01	25.94 1.83 0.01	27.84 1.91 -0.06	30.96 2.03 0.01	33.87 2.14 -0.27	38.70 2.21 -0.23	42.35 2.69 -0.10	53.14 3.68 -3.94	53.95 3.59 -1.23	47.27 3.11 -1.05	36.55 1.94 0.01	31.87 1.86 -0.06	26.92 1.74 -0.01	25.81 1.48 -0.01
NYPA____HELLGATE_GT2 24159	22.55 1.03 -0.01	20.24 0.78 -0.01	19.03 0.71 -0.01	18.34 0.65 -0.01	18.30 0.67 -0.01	19.48 0.77 0.01	25.41 1.53 0.01	28.29 1.95 0.01	26.71 2.07 0.01	25.96 1.97 0.01	24.95 1.83 0.01	25.94 1.83 0.01	27.84 1.91 -0.06	30.96 2.03 0.01	33.87 2.14 -0.27	38.70 2.21 -0.23	42.35 2.69 -0.10	53.14 3.68 -3.94	53.95 3.59 -1.23	47.27 3.11 -1.05	36.55 1.94 0.01	31.87 1.86 -0.06	26.92 1.74 -0.01	25.81 1.48 -0.01
NYS_BARGE____HYD 23848	22.30 0.80 0.00	20.18 0.72 0.00	18.98 0.68 0.00	18.23 0.55 0.00	18.04 0.42 0.00	19.20 0.49 0.00	24.34 0.45 0.00	26.11 -0.24 0.00	24.35 -0.29 0.00	23.92 -0.07 0.00	23.16 0.02 0.00	24.26 0.15 0.00	26.03 0.16 0.00	29.46 0.52 0.00	32.28 0.82 0.00	37.34 1.09 0.00	41.02 1.46 0.00	46.74 1.23 0.00	50.51 1.37 0.00	44.32 1.21 0.00	34.83 0.21 0.00	30.04 0.09 0.00	25.20 0.03 0.00	25.32 1.00 0.00
OAK ORCHARD____HYD 24046	22.02 0.52 0.00	19.87 0.41 0.00	18.65 0.35 0.00	17.96 0.28 0.00	17.87 0.25 0.00	19.07 0.35 0.00	24.27 0.38 0.00	26.56 0.21 0.00	24.77 0.12 0.00	24.17 0.17 0.00	23.32 0.18 0.00	24.38 0.27 0.00	26.18 0.31 0.00	29.49 0.55 0.00	32.19 0.72 0.00	37.31 1.05 0.00	40.90 1.35 0.00	46.92 1.41 0.00	50.81 1.67 0.00	44.53 1.42 0.00	35.28 0.66 0.00	30.34 0.39 0.00	25.45 0.28 0.00	24.90 0.58 0.00
OAKDALE__35_KV_LOAD 356122	22.04 0.54 0.00	19.94 0.49 0.00	18.74 0.44 0.00	18.07 0.39 0.00	17.99 0.37 0.00	19.15 0.43 0.00	24.56 0.67 0.00	27.03 0.69 0.00	25.29 0.64 0.00	24.57 0.58 0.00	23.73 0.60 0.00	24.77 0.65 0.00	26.52 0.65 0.00	29.78 0.84 0.00	32.44 0.98 0.00	37.42 1.16 0.00	41.14 1.58 0.00	47.38 1.87 0.00	51.20 2.06 0.00	44.92 1.81 0.00	35.63 1.00 0.00	30.70 0.75 0.00	25.78 0.60 0.00	25.03 0.71 0.00
OCC_CHEM____DRP 24175	21.85 0.34 0.00	19.81 0.35 0.00	18.54 0.24 0.00	17.80 0.12 0.00	17.62 0.00 0.00	18.77 0.06 0.00	23.82 -0.07 0.00	25.66 -0.69 0.00	23.96 -0.69 0.00	23.52 -0.48 0.00	22.76 -0.37 0.00	23.88 -0.24 0.00	25.56 -0.31 0.00	28.94 0.00 0.00	31.68 0.22 0.00	36.62 0.36 0.00	39.95 0.40 0.00	45.74 0.23 0.00	49.29 0.15 0.00	43.37 0.26 0.00	34.21 -0.42 0.00	29.50 -0.45 0.00	24.77 -0.40 0.00	24.76 0.44 0.00
OH_GEN_PROXY 24063	22.07 0.56 0.00	19.92 0.47 0.00	18.74 0.44 0.00	18.00 0.32 0.00	17.83 0.21 0.00	19.00 0.28 0.00	24.10 0.21 0.00	26.03 -0.32 0.00	24.30 -0.35 0.00	23.83 -0.17 0.00	23.06 -0.07 0.00	24.17 0.05 0.00	25.87 0.00 0.00	29.29 0.35 0.00	32.03 0.57 0.00	37.05 0.80 0.00	40.66 1.11 0.00	46.33 0.82 0.00	50.07 0.93 0.00	43.97 0.86 0.00	34.62 0.00 0.00	29.86 -0.09 0.00	25.08 -0.10 0.00	25.00 0.68 0.00
OLIN_CORP_DRP 24177	22.02 0.52 0.00	20.02 0.56 0.00	18.74 0.44 0.00	17.98 0.30 0.00	17.80 0.18 0.00	18.92 0.21 0.00	23.96 0.07 0.00	25.80 -0.55 0.00	24.05 -0.59 0.00	23.61 -0.38 0.00	22.86 -0.28 0.00	23.97 -0.14 0.00	25.69 -0.18 0.00	29.08 0.14 0.00	31.84 0.38 0.00	36.80 0.54 0.00	40.19 0.63 0.00	46.00 0.50 0.01	49.52 0.39 0.01	43.62 0.52 0.01	34.38 -0.24 0.00	29.65 -0.30 0.00	24.88 -0.30 0.00	24.88 0.56 0.00
OLIN_CORP_DSASP 323712	21.91 0.41 0.00	19.73 0.27 0.00	18.54 0.24 0.00	17.80 0.12 0.00	17.62 0.00 0.00	18.77 0.06 0.00	23.82 -0.07 0.00	25.66 -0.69 0.00	23.96 -0.69 0.00	23.52 -0.48 0.00	22.76 -0.37 0.00	23.88 -0.24 0.00	25.56 -0.31 0.00	28.94 0.00 0.00	31.68 0.22 0.00	36.65 0.40 0.00	40.19 0.63 0.00	45.74 0.23 0.00	49.44 0.30 0.00	43.42 0.30 0.00	34.17 -0.45 0.00	29.50 -0.45 0.00	24.77 -0.40 0.00	24.76 0.44 0.00

ONEIDA_HERK_LFGE 323681	21.94 0.43 0.00	19.87 0.41 0.00	18.69 0.39 0.00	18.03 0.35 0.00	17.97 0.35 0.00	19.19 0.47 0.00	24.58 0.69 0.00	27.01 0.66 0.00	25.24 0.59 0.00	24.52 0.53 0.00	23.60 0.46 0.00	24.72 0.60 0.00	26.49 0.62 0.00	29.75 0.81 0.00	32.34 0.88 0.00	37.34 1.09 0.00	40.98 1.42 0.00	47.15 1.64 0.00	50.96 1.82 0.00	44.75 1.64 0.00	35.76 1.14 0.00	30.76 0.81 0.00	25.78 0.60 0.00	24.88 0.56 0.00
ONEIDA___115KV_TB4 55905	22.09 0.58 0.00	20.00 0.54 0.00	18.80 0.49 0.00	18.14 0.46 0.00	18.08 0.46 0.00	19.30 0.58 0.00	24.75 0.86 0.00	27.17 0.82 0.00	25.34 0.69 0.00	24.60 0.60 0.00	23.69 0.56 0.00	24.79 0.68 0.00	26.59 0.72 0.00	29.87 0.93 0.00	32.50 1.04 0.00	37.45 1.20 0.00	41.18 1.62 0.00	47.47 1.96 0.00	51.35 2.21 0.00	45.05 1.94 0.00	35.90 1.28 0.00	30.79 0.84 0.00	25.83 0.65 0.00	24.98 0.66 0.00
ONONDAGA_REF_OCCRA 23987	21.66 0.15 0.00	19.59 0.14 0.00	18.42 0.11 0.00	17.77 0.09 0.00	17.71 0.09 0.00	18.85 0.13 0.00	24.25 0.36 0.00	26.64 0.29 0.00	24.84 0.20 0.00	23.97 -0.02 0.00	23.16 0.02 0.00	24.19 0.07 0.00	25.92 0.05 0.00	29.06 0.12 0.00	31.59 0.13 0.00	36.40 0.15 0.00	39.95 0.40 0.00	46.15 0.64 0.00	49.92 0.79 0.00	43.76 0.65 0.00	34.86 0.24 0.00	29.98 0.03 0.00	25.20 0.03 0.00	24.37 0.05 0.00
ONONDAGA___COGEN 23986	21.77 0.26 0.00	19.71 0.25 0.00	18.51 0.20 0.00	17.86 0.18 0.00	17.80 0.18 0.00	18.94 0.22 0.00	24.65 0.76 0.00	27.09 0.74 0.00	25.24 0.59 0.00	23.95 -0.05 0.00	23.16 0.02 0.00	24.19 0.07 0.00	25.95 0.08 0.00	29.08 0.14 0.00	31.59 0.13 0.00	36.40 0.15 0.00	39.95 0.40 0.00	46.10 0.59 0.00	49.92 0.79 0.00	43.76 0.65 0.00	34.90 0.28 0.00	30.01 0.06 0.00	25.25 0.08 0.00	24.39 0.07 0.00
ONTARIO___LFGE 23819	22.20 0.69 0.00	20.06 0.60 0.00	18.82 0.51 0.00	18.14 0.46 0.00	18.06 0.44 0.00	19.30 0.58 0.00	24.92 1.03 0.00	27.30 0.95 0.00	25.46 0.81 0.00	24.50 0.50 0.00	23.69 0.55 0.00	24.77 0.65 0.00	26.57 0.70 0.00	29.89 0.95 0.00	32.44 0.98 0.00	37.52 1.27 0.00	41.25 1.70 0.00	47.56 2.05 0.00	51.55 2.41 0.00	45.18 2.07 0.00	35.73 1.11 0.00	30.76 0.81 0.00	25.81 0.63 0.00	25.07 0.75 0.00
ORANGEVILLE_WT_PWR 323706	22.56 1.05 0.00	20.39 0.93 0.00	19.15 0.84 0.00	18.40 0.73 0.00	18.24 0.62 0.00	19.45 0.73 0.00	24.82 0.93 0.00	26.93 0.58 0.00	25.14 0.49 0.00	24.62 0.62 0.00	23.83 0.69 0.00	24.96 0.84 0.00	26.75 0.88 0.00	30.21 1.27 0.00	33.07 1.60 0.00	38.21 1.96 0.00	42.01 2.45 0.00	48.01 2.50 0.00	51.94 2.80 0.00	45.57 2.46 0.00	35.83 1.21 0.00	30.88 0.93 0.00	25.93 0.75 0.00	25.68 1.36 0.00
ORANGEVILLE___ESR 323794	22.56 1.05 0.00	20.39 0.93 0.00	19.15 0.84 0.00	18.40 0.73 0.00	18.24 0.62 0.00	19.45 0.73 0.00	24.82 0.93 0.00	26.93 0.58 0.00	25.14 0.49 0.00	24.62 0.62 0.00	23.83 0.69 0.00	24.96 0.84 0.00	26.75 0.88 0.00	30.21 1.27 0.00	33.07 1.60 0.00	38.21 1.96 0.00	42.01 2.45 0.00	48.01 2.50 0.00	51.94 2.80 0.00	45.57 2.46 0.00	35.83 1.21 0.00	30.88 0.93 0.00	25.93 0.75 0.00	25.68 1.36 0.00
OSWEGATCHIE___HYD 24044	21.55 0.04 0.00	19.53 0.08 0.00	18.38 0.07 0.00	17.73 0.05 0.00	17.71 0.09 0.00	18.90 0.19 0.00	24.18 0.29 0.00	26.64 0.29 0.00	25.04 0.39 0.00	24.29 0.29 0.00	23.39 0.25 0.00	24.53 0.41 0.00	26.31 0.44 0.00	29.55 0.61 0.00	32.09 0.63 0.00	37.12 0.87 0.00	40.46 0.91 0.00	45.38 -0.14 0.00	49.09 -0.05 0.00	43.03 -0.09 0.00	35.14 0.52 0.00	30.40 0.45 0.00	25.56 0.38 0.00	24.61 0.29 0.00
OSWEGO___5 23606	21.29 -0.22 0.00	19.24 -0.21 0.00	18.09 -0.22 0.00	17.47 -0.21 0.00	17.41 -0.21 0.00	18.51 -0.21 0.00	23.44 -0.45 0.00	25.69 -0.66 0.00	23.98 -0.66 0.00	23.45 -0.55 0.00	22.62 -0.51 0.00	23.61 -0.51 0.00	25.33 -0.54 0.00	28.36 -0.58 0.00	30.83 -0.63 0.00	35.53 -0.72 0.00	38.88 -0.67 0.00	44.83 -0.68 0.00	48.45 -0.69 0.00	42.51 -0.60 0.00	33.96 -0.66 0.00	29.29 -0.66 0.00	24.62 -0.55 0.00	23.83 -0.49 0.00
OSWEGO___6 23613	21.29 -0.22 0.00	19.24 -0.21 0.00	18.09 -0.22 0.00	17.47 -0.21 0.00	17.41 -0.21 0.00	18.51 -0.21 0.00	23.44 -0.45 0.00	25.69 -0.66 0.00	23.98 -0.66 0.00	23.45 -0.55 0.00	22.62 -0.51 0.00	23.61 -0.51 0.00	25.33 -0.54 0.00	28.36 -0.58 0.00	30.83 -0.63 0.00	35.53 -0.72 0.00	38.88 -0.67 0.00	44.83 -0.68 0.00	48.45 -0.69 0.00	42.51 -0.60 0.00	33.96 -0.66 0.00	29.29 -0.66 0.00	24.62 -0.55 0.00	23.83 -0.49 0.00
OUTOKUMPU-AB___DRP 24206	22.54 1.03 0.00	20.43 0.97 0.00	19.11 0.81 0.00	18.35 0.67 0.00	18.15 0.53 0.00	19.34 0.62 0.00	24.56 0.67 0.00	26.48 0.13 0.00	24.72 0.07 0.00	24.28 0.29 0.00	23.53 0.39 0.00	24.67 0.55 0.00	26.47 0.60 0.00	29.95 1.01 0.00	32.88 1.42 0.00	37.92 1.67 0.00	41.45 1.90 0.00	47.51 2.00 0.00	51.15 2.01 0.00	45.01 1.90 0.00	35.42 0.80 0.00	30.49 0.54 0.00	25.58 0.40 0.00	25.54 1.22 0.00
OXBOW___ 24026	22.28 0.77 0.00	20.08 0.62 0.00	18.87 0.57 0.00	18.12 0.44 0.00	17.92 0.30 0.00	19.09 0.37 0.00	24.25 0.36 0.00	26.14 -0.21 0.00	24.40 -0.25 0.00	23.97 -0.02 0.00	23.20 0.07 0.00	24.33 0.22 0.00	26.10 0.23 0.00	29.55 0.61 0.00	32.38 0.91 0.00	37.42 1.16 0.00	41.10 1.54 0.00	46.78 1.27 0.00	50.56 1.43 0.00	44.40 1.29 0.00	34.90 0.28 0.00	30.10 0.15 0.00	25.28 0.10 0.00	25.24 0.92 0.00
OXY_CHEM_DSASP 323612	21.85 0.34 0.00	19.81 0.35 0.00	18.54 0.24 0.00	17.80 0.12 0.00	17.62 0.00 0.00	18.77 0.06 0.00	23.82 -0.07 0.00	25.66 -0.69 0.00	23.96 -0.69 0.00	23.52 -0.48 0.00	22.76 -0.37 0.00	23.88 -0.24 0.00	25.56 -0.31 0.00	28.94 0.00 0.00	31.68 0.22 0.00	36.62 0.36 0.00	39.95 0.40 0.00	45.74 0.23 0.00	49.29 0.15 0.00	43.37 0.26 0.00	34.21 -0.42 0.00	29.50 -0.45 0.00	24.77 -0.40 0.00	24.76 0.44 0.00
OZONE_PARK_ESR 323760	22.78 1.27 0.00	20.43 0.97 0.00	19.20 0.90 0.00	18.49 0.81 0.00	18.43 0.81 0.00	19.71 0.99 0.00	25.68 1.79 0.00	28.54 2.19 0.00	26.94 2.29 0.00	26.18 2.18 0.00	25.17 2.04 0.00	26.19 2.07 0.00	28.11 2.17 -0.07	31.25 2.32 0.00	34.16 2.42 -0.27	39.22 2.72 -0.24	43.30 3.64 -0.11	54.02 4.55 -3.95	55.09 4.72 -1.24	48.27 4.10 -1.06	37.08 2.46 0.00	32.20 2.19 -0.07	27.19 2.01 0.00	26.07 1.75 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	21.85 0.34 0.00	19.81 0.35 0.00	18.54 0.24 0.00	17.80 0.12 0.00	17.62 0.00 0.00	18.77 0.06 0.00	23.82 -0.07 0.00	25.66 -0.69 0.00	23.96 -0.69 0.00	23.52 -0.48 0.00	22.76 -0.37 0.00	23.88 -0.24 0.00	25.56 -0.31 0.00	28.94 0.00 0.00	31.68 0.22 0.00	36.62 0.36 0.00	39.95 0.40 0.00	45.74 0.23 0.00	49.29 0.15 0.00	43.37 0.26 0.00	34.21 -0.42 0.00	29.50 -0.45 0.00	24.77 -0.40 0.00	24.76 0.44 0.00

PACKARD__115KV_DUPONT_184 80571	21.85 0.34 0.00	19.81 0.35 0.00	18.54 0.24 0.00	17.80 0.12 0.00	17.62 0.00 0.00	18.77 0.06 0.00	23.82 -0.07 0.00	25.66 -0.69 0.00	23.96 -0.69 0.00	23.52 -0.48 0.00	22.76 -0.37 0.00	23.88 -0.24 0.00	25.56 -0.31 0.00	28.94 0.00 0.00	31.68 0.22 0.00	36.62 0.36 0.00	39.95 0.40 0.00	45.74 0.23 0.00	49.29 0.15 0.00	43.37 0.26 0.00	34.21 -0.42 0.00	29.50 -0.45 0.00	24.77 -0.40 0.00	24.76 0.44 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	22.60 1.10 0.00	20.27 0.82 0.00	19.07 0.77 0.00	18.37 0.69 0.00	18.34 0.72 0.00	19.56 0.84 0.00	25.45 1.58 0.02	28.28 1.95 0.02	26.71 2.07 0.01	25.93 1.94 0.01	24.95 1.83 0.01	25.94 1.83 0.01	27.87 1.94 -0.06	30.96 2.03 0.01	33.86 2.14 -0.26	38.82 2.32 -0.24	42.71 3.05 -0.11	53.20 3.73 -3.95	54.11 3.73 -1.24	47.36 3.19 -1.06	36.63 2.01 0.00	31.89 1.89 -0.05	26.94 1.76 0.00	25.85 1.53 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	22.88 1.38 0.00	20.51 1.05 0.00	19.29 0.99 0.00	18.58 0.90 0.00	18.52 0.90 0.00	19.75 1.03 0.00	25.71 1.84 0.02	28.47 2.13 0.02	26.86 2.22 0.01	26.10 2.11 0.01	25.07 1.94 0.01	26.06 1.95 0.01	28.03 2.10 -0.06	31.10 2.17 0.01	34.05 2.33 -0.26	39.04 2.54 -0.24	42.83 3.16 -0.11	53.79 4.32 -3.95	54.50 4.13 -1.24	47.62 3.45 -1.06	36.80 2.18 0.00	32.07 2.07 -0.05	27.12 1.94 0.00	26.02 1.70 0.00
PATROON__115KV_TB1 80586	22.00 0.49 0.00	19.88 0.43 0.00	18.73 0.42 0.00	18.10 0.42 0.00	18.04 0.42 0.00	18.98 0.26 0.00	24.44 0.55 0.00	27.14 0.79 0.00	25.38 0.74 0.00	24.72 0.72 0.00	23.76 0.62 0.00	24.70 0.58 0.00	26.45 0.65 0.07	29.52 0.58 0.00	32.15 0.63 -0.06	36.80 0.73 0.18	40.94 1.34 -0.04	49.02 1.77 -1.73	51.58 1.97 -0.47	45.33 1.81 -0.40	35.66 1.04 0.00	30.78 0.81 -0.03	25.81 0.63 0.00	24.95 0.63 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	23.08 1.57 0.00	20.90 1.44 0.00	19.57 1.26 0.00	18.79 1.11 0.00	18.59 0.97 0.00	19.84 1.12 0.00	25.30 1.41 0.00	27.40 1.05 0.00	25.34 0.69 0.00	24.91 0.91 0.00	24.13 0.99 0.00	25.32 1.21 0.00	27.35 1.47 0.00	30.97 2.03 0.00	34.01 2.55 0.00	39.19 2.94 0.00	42.92 3.36 0.00	49.21 3.69 -0.02	52.94 3.78 -0.02	46.62 3.49 -0.02	36.60 1.97 0.00	31.51 1.56 0.00	26.41 1.23 0.00	26.24 1.92 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	22.63 1.12 0.00	20.35 0.89 0.00	19.15 0.84 0.00	18.44 0.76 0.00	18.40 0.78 0.00	19.60 0.88 0.00	25.42 1.53 0.00	28.27 1.92 0.00	26.54 1.90 0.00	25.72 1.73 0.00	24.78 1.64 0.00	25.71 1.59 0.00	27.64 1.71 -0.06	30.85 1.91 0.00	33.73 2.11 -0.16	38.95 2.50 -0.20	42.97 3.36 -0.06	53.19 4.28 -3.40	54.31 4.52 -0.65	47.68 4.01 -0.56	36.94 2.32 0.00	32.08 2.10 -0.04	26.94 1.76 0.00	25.85 1.53 0.00
PEEKSKILL____ 23653	22.48 0.97 0.00	20.18 0.72 0.00	18.98 0.68 0.00	18.30 0.62 0.00	18.25 0.63 0.00	19.47 0.75 0.00	25.25 1.36 0.00	28.06 1.71 0.00	26.40 1.75 0.00	25.63 1.63 0.00	24.68 1.55 0.00	25.64 1.52 0.00	27.57 1.63 -0.06	30.68 1.74 0.00	33.64 1.89 -0.29	38.52 2.03 -0.24	42.36 2.69 -0.12	53.42 3.68 -4.23	54.20 3.73 -1.33	47.57 3.32 -1.13	36.59 1.97 0.00	31.76 1.74 -0.07	26.71 1.54 0.00	25.66 1.34 0.00
PGE MADISON__WINDPWR 24146	23.21 1.70 0.00	21.01 1.56 0.00	19.77 1.47 0.00	19.06 1.38 0.00	18.98 1.36 0.00	20.38 1.67 0.00	26.35 2.46 0.00	28.98 2.63 0.00	26.91 2.27 0.00	25.99 1.99 0.00	24.89 1.76 0.00	26.22 2.10 0.00	28.10 2.23 0.00	31.75 2.81 0.00	34.58 3.12 0.00	40.10 3.84 0.00	44.42 4.86 0.00	51.65 6.14 0.00	56.11 6.97 0.00	49.28 6.16 0.00	38.91 4.29 0.00	33.04 3.09 0.00	27.54 2.37 0.00	26.61 2.29 0.00
PIERCEFIELD__HYD 23852	21.21 -0.30 0.00	19.24 -0.21 0.00	18.10 -0.20 0.00	17.47 -0.21 0.00	17.46 -0.16 0.00	18.61 -0.11 0.00	23.72 -0.17 0.00	26.19 -0.16 0.00	24.47 -0.17 0.00	23.85 -0.14 0.00	22.99 -0.14 0.00	24.07 -0.05 0.00	25.82 -0.05 0.00	29.00 0.06 0.00	31.46 0.00 0.00	36.36 0.11 0.00	38.61 -0.95 0.00	43.78 -1.73 0.00	47.22 -1.92 0.00	41.34 -1.77 0.00	34.35 -0.28 0.00	29.89 -0.06 0.00	25.20 0.03 0.00	24.22 -0.10 0.00
PINELAWN_CC_1 323563	23.03 1.53 0.00	20.56 1.11 0.00	19.31 1.01 0.00	18.44 0.76 0.00	18.57 0.95 0.00	19.97 1.25 0.00	26.18 2.29 0.00	29.31 2.95 -0.01	27.58 2.93 -0.01	26.59 2.59 0.00	25.73 2.59 -0.01	29.11 2.58 -2.41	30.72 2.69 -2.16	31.94 2.98 -0.02	34.57 2.83 -0.27	39.14 2.65 -0.24	49.92 3.60 -6.76	60.91 5.14 -10.25	61.00 5.06 -6.80	53.82 4.70 -6.01	46.96 3.29 -9.05	37.81 2.85 -5.01	31.46 2.67 -3.61	27.94 2.48 -1.14
PJM_GEN_HTP_PROXY 323702	22.58 1.07 0.00	20.27 0.82 0.00	19.06 0.75 0.00	18.35 0.67 0.00	18.31 0.69 0.00	19.54 0.82 0.00	25.47 1.58 0.00	28.27 1.92 0.00	26.69 2.04 0.00	25.94 1.94 0.00	24.94 1.81 0.00	25.95 1.83 0.00	27.85 1.91 -0.07	30.96 2.03 0.00	33.91 2.17 -0.27	38.78 2.29 -0.24	42.63 2.97 -0.11	53.47 4.01 -3.95	54.41 4.03 -1.24	47.71 3.54 -1.06	36.70 2.08 0.00	31.91 1.89 -0.07	26.91 1.74 0.00	25.83 1.51 0.00
PJM_GEN_KEystone 24065	22.37 0.86 0.00	20.14 0.68 0.00	18.95 0.64 0.00	18.23 0.55 0.00	18.13 0.51 0.00	19.33 0.62 0.00	24.87 0.98 0.00	27.35 1.00 0.00	25.70 1.06 0.00	25.05 1.05 0.00	24.15 1.02 0.00	25.18 1.06 0.00	26.99 1.09 -0.03	30.23 1.30 0.01	32.69 1.51 0.28	37.87 1.70 0.09	41.67 2.25 0.14	49.56 2.78 -1.27	50.44 2.85 1.55	44.33 2.54 1.33	35.94 1.32 0.00	30.97 1.11 0.09	26.16 0.98 0.00	25.46 1.14 0.00
PJM_GEN_NEPTUNE_PROXY 323594	22.65 1.14 0.00	20.24 0.78 0.00	19.00 0.70 0.00	18.19 0.51 0.00	18.29 0.67 0.00	19.62 0.90 0.00	25.66 1.77 0.00	28.64 2.29 0.00	26.96 2.32 0.00	26.03 2.04 0.00	25.18 2.04 -0.01	28.55 2.03 -2.41	30.15 2.12 -2.16	31.27 2.32 -0.02	33.88 2.14 -0.27	38.49 1.99 -0.24	49.17 2.85 -6.76	59.95 4.18 -10.25	60.01 4.08 -6.80	52.96 3.84 -6.01	46.13 2.46 -9.05	37.15 2.19 -5.01	30.86 2.06 -3.61	27.33 1.87 -1.14
PJM_GEN_VFT_PROXY 323633	22.50 0.99 0.00	20.18 0.72 0.00	18.96 0.66 0.00	18.26 0.58 0.00	18.22 0.60 0.00	19.47 0.75 0.00	25.40 1.51 0.00	28.14 1.79 0.00	26.62 1.97 0.00	25.87 1.87 0.00	24.87 1.74 0.00	25.88 1.76 0.00	27.75 1.81 -0.07	30.59 1.82 0.18	31.28 1.92 2.10	36.31 1.99 1.94	41.22 2.65 0.98	46.65 3.68 2.55	41.82 3.69 11.01	36.94 3.24 9.41	36.45 1.83 0.00	30.99 1.65 0.61	26.84 1.66 0.00	25.73 1.41 0.00
PLATSBURG_115KV_PMLD1 355749	20.86 -0.65 0.00	18.91 -0.54 0.00	17.77 -0.53 0.00	17.13 -0.55 0.00	17.18 -0.44 0.00	18.34 -0.37 0.00	23.51 -0.38 0.00	26.24 -0.11 0.00	24.67 0.02 0.00	24.19 0.19 0.00	23.50 0.37 0.00	24.60 0.48 0.00	26.44 0.57 0.00	29.66 0.72 0.00	32.22 0.76 0.00	37.27 1.02 0.00	40.15 0.59 0.00	46.10 0.59 0.00	49.53 0.39 0.00	43.16 0.04 0.00	35.35 0.73 0.00	30.49 0.54 0.00	25.68 0.50 0.00	24.68 0.36 0.00

PLEASANTVLY___LBMP 24000	22.35 0.84 0.00	20.10 0.64 0.00	18.91 0.60 0.00	18.24 0.57 0.00	18.20 0.58 0.00	19.37 0.66 0.00	25.11 1.22 0.00	27.88 1.53 0.00	26.22 1.58 0.00	25.46 1.46 0.00	24.48 1.34 0.00	25.44 1.33 0.00	27.35 1.40 -0.08	30.42 1.48 0.00	33.21 1.54 -0.21	38.25 1.74 -0.26	42.16 2.53 -0.08	51.72 3.14 -3.07	53.31 3.29 -0.88	46.79 2.93 -0.75	36.32 1.70 0.00	31.50 1.50 -0.05	26.51 1.33 0.00	25.51 1.19 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	22.52 1.01 0.00	20.23 0.78 0.00	19.04 0.73 0.00	18.35 0.67 0.00	18.31 0.69 0.00	19.54 0.82 0.00	25.37 1.48 0.00	28.22 1.87 0.00	26.57 1.92 0.00	25.80 1.80 0.00	24.82 1.69 0.00	25.78 1.66 0.00	27.75 1.81 -0.07	30.85 1.91 0.00	33.76 2.05 -0.25	38.82 2.32 -0.24	42.82 3.16 -0.10	53.18 3.96 -3.70	54.39 4.13 -1.13	47.70 3.62 -0.96	36.77 2.15 0.00	31.90 1.89 -0.06	26.81 1.64 0.00	25.78 1.46 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	22.52 1.01 0.00	20.23 0.78 0.00	19.04 0.73 0.00	18.35 0.67 0.00	18.31 0.69 0.00	19.54 0.82 0.00	25.37 1.48 0.00	28.22 1.87 0.00	26.57 1.92 0.00	25.80 1.80 0.00	24.82 1.69 0.00	25.78 1.66 0.00	27.75 1.81 -0.07	30.85 1.91 0.00	33.76 2.05 -0.25	38.82 2.32 -0.24	42.82 3.16 -0.10	53.18 3.96 -3.70	54.39 4.13 -1.13	47.70 3.62 -0.96	36.77 2.15 0.00	31.90 1.89 -0.06	26.81 1.64 0.00	25.78 1.46 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	22.43 0.92 0.00	20.20 0.74 0.00	19.00 0.70 0.00	18.33 0.65 0.00	18.25 0.63 0.00	19.41 0.69 0.00	25.18 1.29 0.00	27.90 1.55 0.00	26.17 1.53 0.00	25.36 1.37 0.00	24.41 1.27 0.00	25.32 1.21 0.00	27.17 1.32 0.02	30.42 1.48 0.00	33.16 1.60 -0.10	38.08 1.85 0.02	42.25 2.65 -0.05	51.91 3.28 -3.13	53.11 3.44 -0.53	46.59 3.02 -0.46	36.35 1.73 0.00	31.54 1.56 -0.03	26.59 1.41 0.00	25.61 1.29 0.00
POLETTI____ 23519	22.58 1.08 0.00	20.25 0.80 0.00	19.06 0.75 0.00	18.35 0.67 0.00	18.29 0.67 0.00	19.56 0.84 0.00	25.44 1.55 0.00	28.27 1.92 0.00	26.69 2.05 0.00	25.92 1.92 0.00	24.94 1.80 0.00	25.95 1.83 0.00	27.85 1.91 -0.07	30.91 1.97 0.00	33.81 2.08 -0.27	38.78 2.28 -0.24	42.87 3.20 -0.11	53.42 3.96 -3.95	54.41 4.03 -1.24	47.71 3.54 -1.06	36.66 2.04 0.00	31.87 1.86 -0.07	26.91 1.74 0.00	25.83 1.51 0.00
POMONA___ESR 323819	22.45 0.95 0.00	20.16 0.70 0.00	18.96 0.66 0.00	18.28 0.60 0.00	18.22 0.60 0.00	19.41 0.69 0.00	25.16 1.27 0.00	27.93 1.58 0.00	26.25 1.60 0.00	25.48 1.49 0.00	24.54 1.41 0.00	25.49 1.37 0.00	27.40 1.47 -0.06	30.53 1.59 0.00	32.90 1.73 0.29	38.24 1.88 -0.10	41.98 2.57 0.15	52.29 3.46 -3.32	51.03 3.54 1.65	44.81 3.11 1.41	36.39 1.76 0.00	31.45 1.59 0.09	26.61 1.43 0.00	25.56 1.24 0.00
PORT_JEFF_3 23555	23.16 1.66 0.00	20.68 1.23 0.00	19.42 1.12 0.00	18.53 0.85 0.00	18.70 1.07 0.00	20.10 1.39 0.00	26.42 2.53 0.00	29.65 3.29 -0.01	27.91 3.25 -0.01	26.87 2.88 0.00	25.99 2.84 -0.01	29.30 2.77 -2.41	30.97 2.95 -2.16	32.25 3.30 -0.02	34.83 3.09 -0.28	39.19 2.68 -0.25	49.81 3.48 -6.77	60.74 4.96 -10.26	60.71 4.77 -6.81	53.62 4.48 -6.02	46.94 3.25 -9.06	37.91 2.94 -5.02	31.72 2.92 -3.62	28.21 2.75 -1.14
PORT_JEFF_4 23616	23.16 1.66 0.00	20.68 1.23 0.00	19.42 1.12 0.00	18.53 0.85 0.00	18.70 1.07 0.00	20.10 1.39 0.00	26.42 2.53 0.00	29.65 3.29 -0.01	27.91 3.25 -0.01	26.87 2.88 0.00	25.99 2.84 -0.01	29.30 2.77 -2.41	30.97 2.95 -2.16	32.25 3.30 -0.02	34.83 3.09 -0.28	39.19 2.68 -0.25	49.81 3.48 -6.77	60.74 4.96 -10.26	60.71 4.77 -6.81	53.62 4.48 -6.02	46.94 3.25 -9.06	37.91 2.94 -5.02	31.72 2.92 -3.62	28.21 2.75 -1.14
PORT_JEFF_IC 23713	23.21 1.70 0.00	20.70 1.25 0.00	19.44 1.14 0.00	18.56 0.88 0.00	18.71 1.09 0.00	20.14 1.42 0.00	26.45 2.56 0.00	29.73 3.37 -0.01	27.98 3.33 -0.01	26.92 2.93 0.00	26.06 2.91 -0.01	29.39 2.87 -2.41	31.05 3.03 -2.16	32.34 3.38 -0.02	34.93 3.18 -0.29	39.38 2.86 -0.26	50.05 3.72 -6.78	60.92 5.14 -10.27	60.91 4.96 -6.81	53.79 4.66 -6.02	47.04 3.36 -9.06	38.06 3.09 -5.03	31.82 3.02 -3.63	28.28 2.82 -1.14
PPL PILGRIM_ST_GT1 24216	23.23 1.72 0.00	20.72 1.26 0.00	19.46 1.15 0.00	18.58 0.90 0.00	18.73 1.11 0.00	20.14 1.42 0.00	26.49 2.60 0.00	29.60 3.24 -0.01	27.86 3.20 -0.01	26.83 2.83 0.00	25.94 2.80 -0.01	29.27 2.75 -2.41	30.82 2.79 -2.16	32.08 3.13 -0.02	34.66 2.93 -0.27	39.07 2.57 -0.24	49.68 3.36 -6.76	60.54 4.78 -10.25	60.51 4.57 -6.80	53.48 4.35 -6.01	47.21 3.53 -9.05	37.96 2.99 -5.01	31.74 2.94 -3.62	28.21 2.75 -1.14
PPL PILGRIM_ST_GT2 24217	23.23 1.72 0.00	20.72 1.26 0.00	19.46 1.15 0.00	18.58 0.90 0.00	18.73 1.11 0.00	20.14 1.42 0.00	26.49 2.60 0.00	29.60 3.24 -0.01	27.86 3.20 -0.01	26.83 2.83 0.00	25.94 2.80 -0.01	29.27 2.75 -2.41	30.82 2.79 -2.16	32.08 3.13 -0.02	34.66 2.93 -0.27	39.07 2.57 -0.24	49.68 3.36 -6.76	60.54 4.78 -10.25	60.51 4.57 -6.80	53.48 4.35 -6.01	47.21 3.53 -9.05	37.96 2.99 -5.01	31.74 2.94 -3.62	28.21 2.75 -1.14
PPL_SHRM_GT3 24213	23.36 1.85 0.00	20.84 1.38 0.00	19.57 1.26 0.00	18.67 0.99 0.00	18.84 1.21 0.00	20.27 1.55 0.00	26.64 2.75 0.00	29.97 3.61 -0.01	28.20 3.55 -0.01	27.14 3.14 0.00	26.24 3.10 -0.01	29.54 3.01 -2.41	31.23 3.21 -2.16	32.54 3.59 -0.02	35.18 3.43 -0.28	39.73 3.23 -0.25	50.40 4.07 -6.77	61.51 5.73 -10.26	61.55 5.60 -6.81	54.39 5.26 -6.02	47.66 3.98 -9.06	38.36 3.38 -5.02	32.03 3.22 -3.62	28.50 3.04 -1.14
PPL_SHRM_GT4 24214	23.36 1.85 0.00	20.84 1.38 0.00	19.57 1.26 0.00	18.67 0.99 0.00	18.84 1.21 0.00	20.27 1.55 0.00	26.64 2.75 0.00	29.97 3.61 -0.01	28.20 3.55 -0.01	27.14 3.14 0.00	26.24 3.10 -0.01	29.54 3.01 -2.41	31.23 3.21 -2.16	32.54 3.59 -0.02	35.18 3.43 -0.28	39.73 3.23 -0.25	50.40 4.07 -6.77	61.51 5.73 -10.26	61.55 5.60 -6.81	54.39 5.26 -6.02	47.66 3.98 -9.06	38.36 3.38 -5.02	32.03 3.22 -3.62	28.50 3.04 -1.14
PROJECT___ORANGE 1 24174	21.59 0.09 0.00	19.53 0.08 0.00	18.34 0.04 0.00	17.71 0.04 0.00	17.66 0.04 0.00	18.77 0.06 0.00	24.08 0.19 0.00	26.43 0.08 0.00	24.67 0.02 0.00	23.88 -0.12 0.00	23.06 -0.07 0.00	24.09 -0.02 0.00	25.82 -0.05 0.00	28.91 -0.03 0.00	31.43 -0.03 0.00	36.22 -0.04 0.00	39.75 0.20 0.00	45.83 0.32 0.00	49.58 0.44 0.00	43.50 0.39 0.00	34.66 0.03 0.00	29.83 -0.12 0.00	25.05 -0.13 0.00	24.25 -0.07 0.00
PROJECT___ORANGE 2 24166	21.59 0.09 0.00	19.53 0.08 0.00	18.34 0.04 0.00	17.71 0.04 0.00	17.66 0.04 0.00	18.77 0.06 0.00	24.08 0.19 0.00	26.43 0.08 0.00	24.67 0.02 0.00	23.88 -0.12 0.00	23.06 -0.07 0.00	24.09 -0.02 0.00	25.82 -0.05 0.00	28.91 -0.03 0.00	31.43 -0.03 0.00	36.22 -0.04 0.00	39.75 0.20 0.00	45.83 0.32 0.00	49.58 0.44 0.00	43.50 0.39 0.00	34.66 0.03 0.00	29.83 -0.12 0.00	25.05 -0.13 0.00	24.25 -0.07 0.00

PUCKETT___SOLAR 323809	22.32 0.82 0.00	20.20 0.74 0.00	19.00 0.70 0.00	18.33 0.65 0.00	18.25 0.63 0.00	19.45 0.73 0.00	25.01 1.12 0.00	27.51 1.16 0.00	25.66 1.01 0.00	24.84 0.84 0.00	23.90 0.76 0.00	24.96 0.84 0.00	26.72 0.85 0.00	30.04 1.10 0.00	32.75 1.29 0.00	37.81 1.56 0.00	41.73 2.17 0.00	48.33 2.82 0.00	52.38 3.24 0.00	45.96 2.84 0.00	36.42 1.80 0.00	31.27 1.32 0.00	26.23 1.06 0.00	25.42 1.10 0.00
PYRITES___HYD 24023	21.38 -0.13 0.00	19.42 -0.04 0.00	18.27 -0.04 0.00	17.63 -0.05 0.00	17.62 0.00 0.00	18.81 0.09 0.00	23.96 0.07 0.00	26.45 0.11 0.00	24.72 0.07 0.00	24.07 0.07 0.00	23.16 0.02 0.00	24.26 0.14 0.00	26.05 0.18 0.00	29.29 0.35 0.00	31.81 0.35 0.00	36.73 0.47 0.00	39.08 -0.47 0.00	44.42 -1.09 0.00	47.96 -1.18 0.00	42.03 -1.08 0.00	34.90 0.28 0.00	30.22 0.27 0.00	25.43 0.25 0.00	24.39 0.07 0.00
QUAKERRD_115KV_BK1 80622	21.34 -0.17 0.00	19.28 -0.18 0.00	18.09 -0.22 0.00	17.43 -0.25 0.00	17.36 -0.26 0.00	18.51 -0.21 0.00	23.58 -0.31 0.00	25.80 -0.55 0.00	24.05 -0.59 0.00	23.44 -0.55 0.00	22.65 -0.49 0.00	23.66 -0.46 0.00	25.40 -0.47 0.00	28.59 -0.35 0.00	31.18 -0.28 0.00	36.11 -0.15 0.00	39.51 -0.04 0.00	45.47 -0.05 0.00	49.14 0.00 0.00	43.11 0.00 0.00	34.24 -0.38 0.00	29.44 -0.51 0.00	24.67 -0.50 0.00	24.05 -0.27 0.00
QUENSBRY_115KV_TB8 356137	22.37 0.86 0.00	20.18 0.72 0.00	18.98 0.68 0.00	18.33 0.65 0.00	18.20 0.58 0.00	19.30 0.58 0.00	25.01 1.12 0.00	27.98 1.63 0.00	26.07 1.43 0.00	25.41 1.42 0.00	24.48 1.34 0.00	25.42 1.30 0.00	27.06 1.27 0.07	30.30 1.36 0.00	33.06 1.54 -0.05	37.99 1.92 0.19	42.21 2.61 -0.04	50.60 3.41 -1.67	53.87 4.28 -0.46	47.38 3.88 -0.39	37.43 2.80 0.00	32.13 2.16 -0.02	26.79 1.61 0.00	25.80 1.48 0.00
RAMAPO___LBMP 323565	22.39 0.88 0.00	20.10 0.64 0.00	18.93 0.62 0.00	18.24 0.57 0.00	18.18 0.56 0.00	19.39 0.67 0.00	25.11 1.22 0.00	27.88 1.53 0.00	26.22 1.58 0.00	25.46 1.46 0.00	24.50 1.36 0.00	25.47 1.35 0.00	27.38 1.45 -0.06	30.50 1.56 0.00	32.88 1.70 0.29	38.27 1.92 -0.10	42.14 2.73 0.14	52.09 3.37 -3.21	51.00 3.49 1.62	44.79 3.06 1.39	36.35 1.73 0.00	31.39 1.53 0.09	26.56 1.38 0.00	25.51 1.19 0.00
RANKINE____ 23646	22.78 1.27 0.00	20.64 1.19 0.00	19.31 1.01 0.00	18.54 0.87 0.00	18.34 0.72 0.00	19.58 0.86 0.00	24.92 1.03 0.00	26.98 0.63 0.00	25.11 0.47 0.00	24.69 0.70 0.00	23.92 0.79 0.00	25.08 0.96 0.00	26.93 1.06 0.00	30.50 1.56 0.00	33.45 1.98 0.00	38.58 2.32 0.00	42.20 2.65 0.00	48.38 2.87 0.00	52.09 2.95 0.00	45.83 2.72 0.00	36.04 1.42 0.00	31.03 1.08 0.00	26.01 0.83 0.00	25.88 1.56 0.00
RAVENSWOOD_GT2_1 24244	22.63 1.12 0.00	20.29 0.84 0.00	19.09 0.79 0.00	18.39 0.71 0.00	18.34 0.72 0.00	19.60 0.88 0.00	25.49 1.60 0.00	28.33 1.98 0.00	26.72 2.07 0.00	25.96 1.97 0.00	24.96 1.83 0.00	25.97 1.86 0.00	27.88 1.94 -0.07	30.99 2.05 0.00	33.88 2.14 -0.27	38.89 2.39 -0.24	42.91 3.24 -0.11	53.47 4.01 -3.95	54.45 4.08 -1.24	47.75 3.58 -1.06	36.77 2.15 0.00	31.96 1.95 -0.07	26.96 1.79 0.00	25.88 1.56 0.00
RAVENSWOOD_GT2_2 24245	22.63 1.12 0.00	20.29 0.84 0.00	19.09 0.79 0.00	18.39 0.71 0.00	18.34 0.72 0.00	19.60 0.88 0.00	25.49 1.60 0.00	28.33 1.98 0.00	26.72 2.07 0.00	25.96 1.97 0.00	24.96 1.83 0.00	25.97 1.86 0.00	27.88 1.94 -0.07	30.99 2.05 0.00	33.88 2.14 -0.27	38.89 2.39 -0.24	42.91 3.24 -0.11	53.47 4.01 -3.95	54.45 4.08 -1.24	47.75 3.58 -1.06	36.77 2.15 0.00	31.96 1.95 -0.07	26.96 1.79 0.00	25.88 1.56 0.00
RAVENSWOOD_GT2_3 24246	22.63 1.12 0.00	20.29 0.84 0.00	19.09 0.79 0.00	18.39 0.71 0.00	18.34 0.72 0.00	19.60 0.88 0.00	25.49 1.60 0.00	28.33 1.98 0.00	26.72 2.07 0.00	25.96 1.97 0.00	24.96 1.83 0.00	25.97 1.86 0.00	27.88 1.94 -0.07	30.99 2.05 0.00	33.91 2.17 -0.27	38.89 2.39 -0.24	42.95 3.28 -0.11	53.47 4.01 -3.95	54.50 4.13 -1.24	47.75 3.58 -1.06	36.77 2.15 0.00	31.96 1.95 -0.07	26.96 1.79 0.00	25.88 1.56 0.00
RAVENSWOOD_GT2_4 24247	22.63 1.12 0.00	20.29 0.84 0.00	19.09 0.79 0.00	18.39 0.71 0.00	18.34 0.72 0.00	19.60 0.88 0.00	25.49 1.60 0.00	28.33 1.98 0.00	26.72 2.07 0.00	25.96 1.97 0.00	24.96 1.83 0.00	25.97 1.86 0.00	27.88 1.94 -0.07	30.99 2.05 0.00	33.91 2.17 -0.27	38.89 2.39 -0.24	42.95 3.28 -0.11	53.47 4.01 -3.95	54.50 4.13 -1.24	47.75 3.58 -1.06	36.77 2.15 0.00	31.96 1.95 -0.07	26.96 1.79 0.00	25.88 1.56 0.00
RAVENSWOOD_GT3_1 24248	22.63 1.12 0.00	20.29 0.84 0.00	19.09 0.79 0.00	18.39 0.71 0.00	18.34 0.72 0.00	19.60 0.88 0.00	25.49 1.60 0.00	28.33 1.98 0.00	26.72 2.07 0.00	25.96 1.97 0.00	24.96 1.83 0.00	25.97 1.86 0.00	27.88 1.94 -0.07	30.99 2.05 0.00	33.91 2.17 -0.27	38.89 2.39 -0.24	42.91 3.24 -0.11	53.47 4.01 -3.95	54.45 4.08 -1.24	47.75 3.58 -1.06	36.77 2.15 0.00	31.96 1.95 -0.07	26.96 1.79 0.00	25.88 1.56 0.00
RAVENSWOOD_GT3_2 24249	22.63 1.12 0.00	20.29 0.84 0.00	19.09 0.79 0.00	18.39 0.71 0.00	18.34 0.72 0.00	19.60 0.88 0.00	25.49 1.60 0.00	28.33 1.98 0.00	26.72 2.07 0.00	25.96 1.97 0.00	24.96 1.83 0.00	25.97 1.86 0.00	27.88 1.94 -0.07	30.99 2.05 0.00	33.91 2.17 -0.27	38.89 2.39 -0.24	42.91 3.24 -0.11	53.47 4.01 -3.95	54.45 4.08 -1.24	47.75 3.58 -1.06	36.77 2.15 0.00	31.96 1.95 -0.07	26.96 1.79 0.00	25.88 1.56 0.00
RAVENSWOOD_GT3_3 24250	22.65 1.14 0.00	20.31 0.86 0.00	19.11 0.81 0.00	18.40 0.72 0.00	18.36 0.74 0.00	19.62 0.90 0.00	25.51 1.62 0.00	28.35 2.00 0.00	26.76 2.12 0.00	26.01 2.02 0.00	25.01 1.87 0.00	26.02 1.91 0.00	27.93 1.99 -0.07	31.02 2.08 0.00	33.94 2.20 -0.27	38.93 2.43 -0.24	42.99 3.32 -0.11	53.56 4.10 -3.95	54.55 4.18 -1.24	47.83 3.66 -1.06	36.80 2.18 0.00	31.99 1.98 -0.07	26.99 1.81 0.00	25.90 1.58 0.00
RAVENSWOOD_GT3_4 24251	22.65 1.14 0.00	20.31 0.86 0.00	19.11 0.81 0.00	18.40 0.72 0.00	18.36 0.74 0.00	19.62 0.90 0.00	25.51 1.62 0.00	28.35 2.00 0.00	26.76 2.12 0.00	26.01 2.02 0.00	25.01 1.87 0.00	26.02 1.91 0.00	27.93 1.99 -0.07	31.02 2.08 0.00	33.94 2.20 -0.27	38.93 2.43 -0.24	42.99 3.32 -0.11	53.56 4.10 -3.95	54.55 4.18 -1.24	47.83 3.66 -1.06	36.80 2.18 0.00	31.99 1.98 -0.07	26.99 1.81 0.00	25.90 1.58 0.00
RAVENSWOOD_GT_1 23729	22.74 1.23 -0.01	20.42 0.95 -0.01	19.19 0.88 -0.01	18.48 0.80 -0.01	18.44 0.81 -0.01	19.65 0.94 0.00	25.62 1.72 -0.01	28.47 2.11 -0.01	29.79 2.22 -2.93	30.74 2.11 -4.63	28.47 1.97 -3.37	30.74 2.00 -4.62	31.72 2.12 -3.73	31.70 2.23 -0.53	34.11 2.36 -0.28	39.00 2.50 -0.24	42.63 2.97 -0.11	53.47 4.01 -3.95	54.31 3.93 -1.24	47.62 3.45 -1.06	36.84 2.22 0.00	32.12 2.10 -0.08	27.10 1.91 -0.01	26.03 1.70 -0.01



RAVENSWOOD_GT_10 24258	22.63 1.12 0.00	20.29 0.84 0.00	19.09 0.79 0.00	18.39 0.71 0.00	18.34 0.72 0.00	19.60 0.88 0.00	25.49 1.60 0.00	28.33 1.98 0.00	26.72 2.07 0.00	25.96 1.97 0.00	24.96 1.83 0.00	25.97 1.86 0.00	27.90 1.97 -0.07	30.99 2.05 0.00	33.91 2.17 -0.27	38.89 2.39 -0.24	42.91 3.24 -0.11	53.47 4.01 -3.95	54.50 4.13 -1.24	47.75 3.58 -1.06	36.77 2.15 0.00	31.96 1.95 -0.07	26.96 1.79 0.00	25.88 1.56 0.00
RAVENSWOOD_GT_11 24259	22.62 1.12 0.00	20.31 0.86 0.00	19.09 0.79 0.00	18.39 0.71 0.00	18.34 0.72 0.00	19.58 0.86 0.00	25.49 1.60 0.00	28.33 1.98 0.00	26.72 2.07 0.00	25.96 1.97 0.00	24.96 1.83 0.00	25.98 1.86 0.00	27.90 1.97 -0.07	30.99 2.05 0.00	33.94 2.20 -0.27	38.78 2.29 -0.24	42.63 2.97 -0.11	53.47 4.01 -3.95	54.35 3.98 -1.24	47.71 3.54 -1.06	36.77 2.15 0.00	31.96 1.95 -0.07	26.97 1.79 0.00	25.88 1.56 0.00
RAVENSWOOD_GT_4 24252	22.63 1.12 0.00	20.29 0.84 0.00	19.09 0.79 0.00	18.39 0.71 0.00	18.33 0.70 0.00	19.58 0.86 0.00	25.49 1.60 0.00	28.30 1.95 0.00	26.72 2.07 0.00	25.94 1.94 0.00	24.96 1.83 0.00	25.97 1.86 0.00	27.88 1.94 -0.07	30.97 2.03 0.00	33.88 2.14 -0.27	38.85 2.36 -0.24	42.91 3.24 -0.11	53.47 4.01 -3.95	54.50 4.13 -1.24	47.75 3.58 -1.06	36.77 2.15 0.00	31.93 1.92 -0.07	26.96 1.79 0.00	25.85 1.53 0.00
RAVENSWOOD_GT_5 24254	22.63 1.12 0.00	20.29 0.84 0.00	19.09 0.79 0.00	18.39 0.71 0.00	18.33 0.70 0.00	19.58 0.86 0.00	25.49 1.60 0.00	28.30 1.95 0.00	26.72 2.07 0.00	25.94 1.94 0.00	24.96 1.83 0.00	25.97 1.86 0.00	27.88 1.94 -0.07	30.97 2.03 0.00	33.88 2.14 -0.27	38.85 2.36 -0.24	42.91 3.24 -0.11	53.47 4.01 -3.95	54.50 4.13 -1.24	47.75 3.58 -1.06	36.77 2.15 0.00	31.93 1.92 -0.07	26.96 1.79 0.00	25.85 1.53 0.00
RAVENSWOOD_GT_6 24253	22.63 1.12 0.00	20.29 0.84 0.00	19.09 0.79 0.00	18.39 0.71 0.00	18.33 0.70 0.00	19.58 0.86 0.00	25.49 1.60 0.00	28.30 1.95 0.00	26.72 2.07 0.00	25.94 1.94 0.00	24.96 1.83 0.00	25.97 1.86 0.00	27.88 1.94 -0.07	30.97 2.03 0.00	33.88 2.14 -0.27	38.85 2.36 -0.24	42.91 3.24 -0.11	53.47 4.01 -3.95	54.50 4.13 -1.24	47.75 3.58 -1.06	36.77 2.15 0.00	31.93 1.92 -0.07	26.96 1.79 0.00	25.85 1.53 0.00
RAVENSWOOD_GT_7 24255	22.63 1.12 0.00	20.29 0.84 0.00	19.09 0.79 0.00	18.39 0.71 0.00	18.33 0.70 0.00	19.58 0.86 0.00	25.49 1.60 0.00	28.30 1.95 0.00	26.72 2.07 0.00	25.94 1.94 0.00	24.96 1.83 0.00	25.97 1.86 0.00	27.88 1.94 -0.07	30.97 2.03 0.00	33.88 2.14 -0.27	38.85 2.36 -0.24	42.91 3.24 -0.11	53.47 4.01 -3.95	54.50 4.13 -1.24	47.75 3.58 -1.06	36.77 2.15 0.00	31.93 1.92 -0.07	26.96 1.79 0.00	25.85 1.53 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	22.63 1.12 0.00	20.29 0.84 0.00	19.09 0.79 0.00	18.39 0.71 0.00	18.34 0.72 0.00	19.60 0.88 0.00	25.49 1.60 0.00	28.33 1.98 0.00	26.72 2.07 0.00	25.96 1.97 0.00	24.96 1.83 0.00	25.97 1.86 0.00	27.90 1.97 -0.07	30.99 2.05 0.00	33.91 2.17 -0.27	38.89 2.39 -0.24	42.91 3.24 -0.11	53.47 4.01 -3.95	54.50 4.13 -1.24	47.75 3.58 -1.06	36.77 2.15 0.00	31.96 1.95 -0.07	26.96 1.79 0.00	25.88 1.56 0.00
RAVENSWOOD_GT_9 24257	22.63 1.12 0.00	20.29 0.84 0.00	19.09 0.79 0.00	18.39 0.71 0.00	18.34 0.72 0.00	19.60 0.88 0.00	25.49 1.60 0.00	28.33 1.98 0.00	26.72 2.07 0.00	25.96 1.97 0.00	24.96 1.83 0.00	25.97 1.86 0.00	27.90 1.97 -0.07	30.99 2.05 0.00	33.91 2.17 -0.27	38.89 2.39 -0.24	42.91 3.24 -0.11	53.47 4.01 -3.95	54.50 4.13 -1.24	47.75 3.58 -1.06	36.77 2.15 0.00	31.96 1.95 -0.07	26.96 1.79 0.00	25.88 1.56 0.00
RAVENSWOOD___1 23533	22.74 1.23 -0.01	20.40 0.93 -0.01	19.19 0.88 -0.01	18.48 0.80 -0.01	18.42 0.79 -0.01	19.63 0.92 0.00	25.62 1.72 -0.01	28.44 2.08 -0.01	29.76 2.19 -2.93	30.71 2.09 -4.63	28.44 1.94 -3.37	30.72 1.98 -4.62	31.69 2.09 -3.73	31.67 2.20 -0.53	34.07 2.33 -0.28	38.96 2.47 -0.24	42.63 2.97 -0.11	53.42 3.96 -3.95	54.31 3.93 -1.24	47.58 3.41 -1.06	36.84 2.22 0.00	32.09 2.06 -0.08	27.10 1.91 -0.01	26.00 1.68 -0.01
RAVENSWOOD___2 23534	22.68 1.16 -0.01	20.36 0.90 -0.01	19.14 0.82 -0.01	18.43 0.74 -0.01	18.39 0.76 -0.01	19.60 0.88 0.00	25.55 1.65 -0.01	28.39 2.03 -0.01	29.71 2.14 -2.93	30.66 2.04 -4.63	28.40 1.90 -3.37	30.67 1.93 -4.62	31.62 2.02 -3.73	31.58 2.11 -0.53	34.01 2.27 -0.28	38.89 2.39 -0.24	42.36 2.69 -0.11	53.02 3.55 -3.95	53.87 3.49 -1.24	47.23 3.06 -1.06	36.70 2.08 0.00	32.03 2.01 -0.08	27.02 1.84 -0.01	25.96 1.63 -0.01
RAVENSWOOD___3 23535	22.62 1.12 0.00	20.31 0.86 0.00	19.09 0.79 0.00	18.39 0.71 0.00	18.34 0.72 0.00	19.58 0.86 0.00	25.49 1.60 0.00	28.33 1.98 0.00	26.72 2.07 0.00	25.96 1.97 0.00	24.96 1.83 0.00	25.98 1.86 0.00	27.88 1.94 -0.07	30.99 2.05 0.00	33.91 2.17 -0.27	38.78 2.29 -0.24	42.63 2.97 -0.11	53.42 3.96 -3.95	54.35 3.98 -1.24	47.71 3.54 -1.06	36.77 2.15 0.00	31.94 1.92 -0.07	26.97 1.79 0.00	25.88 1.56 0.00
RAVENSWOOD___4 23820	22.72 1.20 -0.01	20.40 0.93 -0.01	19.17 0.86 -0.01	18.46 0.78 -0.01	18.42 0.79 -0.01	19.63 0.92 0.00	25.59 1.70 -0.01	28.44 2.08 -0.01	29.74 2.17 -2.93	30.69 2.06 -4.63	28.42 1.92 -3.37	30.69 1.95 -4.62	31.67 2.07 -3.73	31.64 2.17 -0.53	34.07 2.33 -0.28	38.93 2.43 -0.24	42.63 2.97 -0.11	53.42 3.96 -3.95	54.31 3.93 -1.24	47.58 3.41 -1.06	36.84 2.22 0.00	32.06 2.04 -0.08	27.07 1.89 -0.01	26.00 1.68 -0.01
RCPL_TRUST___DRP 24196	22.60 1.10 0.00	20.27 0.82 0.00	19.07 0.77 0.00	18.37 0.69 0.00	18.33 0.70 0.00	19.58 0.86 0.00	25.49 1.60 0.00	28.33 1.98 0.00	26.76 2.12 0.00	26.01 2.02 0.00	24.98 1.85 0.00	26.02 1.91 0.00	27.93 1.99 -0.07	31.02 2.08 0.00	33.94 2.20 -0.27	38.93 2.43 -0.24	42.99 3.32 -0.11	53.56 4.10 -3.95	54.60 4.23 -1.24	47.83 3.66 -1.06	36.77 2.15 0.00	31.93 1.92 -0.07	26.96 1.79 0.00	25.85 1.53 0.00
RED___ROCHESTER 323720	22.15 0.64 0.00	19.96 0.51 0.00	18.74 0.44 0.00	18.05 0.37 0.00	17.95 0.33 0.00	19.17 0.45 0.00	24.41 0.52 0.00	26.72 0.37 0.00	24.92 0.27 0.00	24.31 0.31 0.00	23.48 0.35 0.00	24.55 0.43 0.00	26.39 0.52 0.00	29.69 0.75 0.00	32.44 0.98 0.00	37.63 1.38 0.00	41.25 1.70 0.00	47.38 1.87 0.00	51.30 2.16 0.00	44.97 1.85 0.00	35.59 0.97 0.00	30.61 0.66 0.00	25.63 0.45 0.00	25.05 0.73 0.00
REGAN___SOLAR 323812	23.87 2.37 0.00	21.54 2.08 0.00	20.23 1.92 0.00	19.55 1.87 0.00	19.35 1.73 0.00	20.51 1.80 0.00	26.80 2.91 0.00	29.51 3.16 0.00	27.33 2.69 0.00	26.54 2.54 0.00	25.42 2.29 0.00	26.31 2.19 0.00	28.27 2.46 0.06	31.63 2.69 0.00	34.76 3.24 -0.06	40.27 4.17 0.15	45.21 5.61 -0.04	54.43 7.28 -1.63	58.04 8.45 -0.44	50.95 7.46 -0.38	39.92 5.30 0.00	34.05 4.07 -0.02	28.25 3.07 0.00	27.12 2.80 0.00

RENSSELAER___COGEN 23796	21.89 0.39 0.00	19.81 0.35 0.00	18.64 0.33 0.00	18.03 0.35 0.00	17.97 0.35 0.00	18.92 0.21 0.00	24.34 0.45 0.00	27.01 0.66 0.00	25.26 0.62 0.00	24.57 0.57 0.00	23.62 0.49 0.00	24.55 0.43 0.00	26.29 0.49 0.07	29.29 0.35 0.00	31.90 0.38 -0.06	36.45 0.36 0.17	40.43 0.83 -0.04	48.62 1.36 -1.75	51.14 1.52 -0.47	44.90 1.38 -0.40	35.35 0.73 0.00	30.52 0.54 -0.03	25.63 0.45 0.00	24.81 0.49 0.00
REPUBLIC_115KV_BARTNBRK 55605	22.52 1.01 0.00	20.29 0.84 0.00	19.09 0.79 0.00	18.44 0.76 0.00	18.31 0.69 0.00	19.41 0.69 0.00	25.18 1.29 0.00	28.25 1.90 0.00	26.30 1.65 0.00	25.65 1.66 0.00	24.68 1.55 0.00	25.64 1.52 0.00	27.35 1.55 0.07	30.59 1.65 0.00	33.40 1.89 -0.05	38.42 2.36 0.19	42.68 3.09 -0.04	51.19 4.01 -1.68	54.56 4.96 -0.46	47.94 4.44 -0.39	37.84 3.22 0.00	32.49 2.52 -0.02	27.04 1.86 0.00	26.07 1.75 0.00
REVERE_CPPR_DRP 24186	22.20 0.69 0.00	20.10 0.64 0.00	18.91 0.60 0.00	18.24 0.57 0.00	18.18 0.56 0.00	19.43 0.71 0.00	24.92 1.03 0.00	27.32 0.97 0.00	25.51 0.86 0.00	24.76 0.77 0.00	23.83 0.69 0.00	24.96 0.84 0.00	26.78 0.91 0.00	30.10 1.16 0.00	32.75 1.29 0.00	37.78 1.52 0.00	41.57 2.02 0.00	47.97 2.46 0.00	51.89 2.75 0.00	45.57 2.46 0.00	36.25 1.63 0.00	31.06 1.11 0.00	26.01 0.83 0.00	25.15 0.83 0.00
REYNOLDS_115KV_TB3 80639	21.96 0.45 0.00	19.88 0.43 0.00	18.71 0.40 0.00	18.10 0.42 0.00	18.04 0.42 0.00	19.04 0.32 0.00	24.54 0.65 0.00	27.22 0.87 0.00	25.48 0.84 0.00	24.79 0.79 0.00	23.80 0.67 0.00	24.74 0.63 0.00	26.46 0.67 0.08	29.58 0.64 0.00	32.18 0.66 -0.05	36.78 0.73 0.20	40.98 1.38 -0.04	49.10 1.82 -1.77	51.59 1.97 -0.48	45.34 1.81 -0.41	35.66 1.04 0.00	30.81 0.84 -0.03	25.86 0.68 0.00	24.98 0.66 0.00
RIVERBAY____ 323610	22.88 1.38 0.00	20.51 1.05 0.00	19.29 0.99 0.00	18.58 0.90 0.00	18.52 0.90 0.00	19.75 1.03 0.00	25.71 1.84 0.02	28.47 2.13 0.02	26.86 2.22 0.01	26.10 2.11 0.01	25.07 1.94 0.01	26.06 1.95 0.01	28.03 2.10 -0.06	31.10 2.17 0.01	34.05 2.33 -0.26	39.04 2.54 -0.24	42.83 3.16 -0.11	53.79 4.32 -3.95	54.50 4.13 -1.24	47.62 3.45 -1.06	36.80 2.18 0.00	32.07 2.07 -0.05	27.12 1.94 0.00	26.02 1.70 0.00
RIVERSDE_115KV_TB3 55908	21.96 0.45 0.00	19.85 0.39 0.00	18.69 0.38 0.00	18.09 0.41 0.00	18.01 0.39 0.00	18.98 0.26 0.00	24.46 0.57 0.00	27.14 0.79 0.00	25.41 0.76 0.00	24.69 0.70 0.00	23.73 0.60 0.00	24.67 0.55 0.00	26.42 0.62 0.07	29.49 0.55 0.00	32.12 0.60 -0.06	36.72 0.65 0.19	40.90 1.31 -0.04	48.99 1.73 -1.75	51.48 1.87 -0.48	45.25 1.72 -0.41	35.59 0.97 0.00	30.72 0.75 -0.03	25.78 0.60 0.00	24.93 0.61 0.00
ROARING___BROOK_WT_PWR 323790	21.16 -0.34 0.00	19.07 -0.39 0.00	17.90 -0.40 0.00	17.27 -0.41 0.00	17.20 -0.42 0.00	18.27 -0.45 0.00	23.36 -0.53 0.00	25.85 -0.50 0.00	24.30 -0.35 0.00	23.85 -0.14 0.00	23.11 -0.02 0.00	24.14 0.02 0.00	25.90 0.03 0.00	28.97 0.03 0.00	31.49 0.03 0.00	36.29 0.04 0.00	39.67 0.12 0.00	45.74 0.23 0.00	49.34 0.20 0.00	43.24 0.13 0.00	34.59 -0.03 0.00	29.92 -0.03 0.00	25.15 -0.03 0.00	24.32 0.00 0.00
ROCHESRG_115KV_T4 355643	21.92 0.41 0.00	19.81 0.35 0.00	18.56 0.26 0.00	17.87 0.19 0.00	17.80 0.18 0.00	18.98 0.26 0.00	24.15 0.26 0.00	26.40 0.05 0.00	24.62 -0.02 0.00	24.02 0.02 0.00	23.20 0.07 0.00	24.26 0.14 0.00	26.05 0.18 0.00	29.32 0.38 0.00	32.00 0.53 0.00	37.05 0.80 0.00	40.50 0.95 0.00	46.60 1.09 0.00	50.37 1.23 0.00	44.23 1.12 0.00	35.07 0.45 0.00	30.16 0.21 0.00	25.30 0.13 0.00	24.76 0.44 0.00
ROCHESTER_9_IC 23652	22.04 0.54 0.00	19.92 0.47 0.00	18.67 0.37 0.00	17.98 0.30 0.00	17.88 0.26 0.00	19.09 0.37 0.00	24.30 0.41 0.00	26.59 0.24 0.00	24.79 0.15 0.00	24.19 0.19 0.00	23.36 0.23 0.00	24.41 0.29 0.00	26.23 0.36 0.00	29.52 0.58 0.00	32.25 0.79 0.00	37.34 1.09 0.00	40.86 1.31 0.00	47.01 1.50 0.00	50.81 1.67 0.00	44.62 1.51 0.00	35.35 0.73 0.00	30.40 0.45 0.00	25.48 0.30 0.00	24.90 0.58 0.00
ROCKVIEW_13_KV_LD 356306	22.60 1.10 0.00	20.27 0.82 0.00	19.07 0.77 0.00	18.39 0.71 0.00	18.34 0.72 0.00	19.62 0.90 0.00	25.49 1.60 0.00	28.35 2.00 0.00	26.69 2.05 0.00	25.94 1.94 0.00	24.96 1.83 0.00	25.95 1.83 0.00	27.90 1.97 -0.07	31.05 2.11 0.00	33.97 2.23 -0.27	39.04 2.54 -0.24	43.11 3.44 -0.11	53.74 4.28 -3.95	54.85 4.47 -1.24	48.09 3.92 -1.06	36.94 2.32 0.00	32.05 2.04 -0.07	26.96 1.79 0.00	25.90 1.58 0.00
ROME____115KV_TB2 80656	22.20 0.69 0.00	20.10 0.64 0.00	18.91 0.60 0.00	18.24 0.57 0.00	18.18 0.56 0.00	19.43 0.71 0.00	24.92 1.03 0.00	27.32 0.97 0.00	25.51 0.86 0.00	24.76 0.77 0.00	23.83 0.69 0.00	24.96 0.84 0.00	26.78 0.91 0.00	30.10 1.16 0.00	32.75 1.29 0.00	37.78 1.52 0.00	41.57 2.02 0.00	47.97 2.46 0.00	51.89 2.75 0.00	45.57 2.46 0.00	36.25 1.63 0.00	31.06 1.11 0.00	26.01 0.83 0.00	25.15 0.83 0.00
ROSETON___1 23587	22.15 0.64 0.00	19.98 0.53 0.00	18.82 0.51 0.00	18.19 0.51 0.00	18.13 0.51 0.00	19.20 0.49 0.00	24.75 0.86 0.00	27.43 1.08 0.00	25.73 1.08 0.00	25.00 1.01 0.00	24.06 0.93 0.00	25.01 0.89 0.00	26.82 0.93 -0.02	29.69 0.75 0.00	32.26 0.69 -0.11	36.91 0.58 -0.07	40.51 0.91 -0.05	48.97 1.36 -2.09	51.07 1.43 -0.51	44.84 1.29 -0.44	35.45 0.83 0.00	30.76 0.78 -0.03	25.91 0.73 0.00	25.03 0.71 0.00
ROSETON___2 23588	22.15 0.64 0.00	19.98 0.53 0.00	18.82 0.51 0.00	18.19 0.51 0.00	18.13 0.51 0.00	19.20 0.49 0.00	24.75 0.86 0.00	27.43 1.08 0.00	25.73 1.08 0.00	25.00 1.01 0.00	24.06 0.93 0.00	25.01 0.89 0.00	26.82 0.93 -0.02	29.69 0.75 0.00	32.26 0.69 -0.11	36.91 0.58 -0.07	40.51 0.91 -0.05	48.97 1.36 -2.09	51.07 1.43 -0.51	44.84 1.29 -0.44	35.45 0.83 0.00	30.76 0.78 -0.03	25.91 0.73 0.00	25.03 0.71 0.00
ROTTDAM_115KV_TB3 80664	22.17 0.67 0.00	20.02 0.56 0.00	18.85 0.55 0.00	18.23 0.55 0.00	18.15 0.53 0.00	19.22 0.51 0.00	24.80 0.91 0.00	27.48 1.13 0.00	25.71 1.06 0.00	25.00 1.01 0.00	24.06 0.93 0.00	25.01 0.89 0.00	26.77 0.96 0.06	29.95 1.01 0.00	32.62 1.10 -0.06	37.37 1.27 0.15	41.49 1.90 -0.04	49.51 2.37 -1.63	52.24 2.65 -0.44	45.91 2.41 -0.38	36.21 1.59 0.00	31.26 1.29 -0.02	26.21 1.03 0.00	25.29 0.97 0.00
RUSSELL___1 23602	22.15 0.65 0.00	20.00 0.54 0.00	18.74 0.44 0.00	18.05 0.37 0.00	17.96 0.33 0.00	19.17 0.45 0.00	24.42 0.53 0.00	26.72 0.37 0.00	24.92 0.27 0.00	24.31 0.31 0.00	23.48 0.35 0.00	24.55 0.43 0.00	26.39 0.52 0.00	29.69 0.75 0.00	32.47 1.01 0.00	37.60 1.34 0.00	41.14 1.58 0.00	47.38 1.87 0.00	51.20 2.06 0.00	44.92 1.81 0.00	35.59 0.97 0.00	30.61 0.66 0.00	25.63 0.45 0.00	25.05 0.73 0.00

RUSSELL___2 23532	22.15 0.65 0.00	20.00 0.54 0.00	18.74 0.44 0.00	18.05 0.37 0.00	17.96 0.33 0.00	19.17 0.45 0.00	24.42 0.53 0.00	26.72 0.37 0.00	24.92 0.27 0.00	24.31 0.31 0.00	23.48 0.35 0.00	24.55 0.43 0.00	26.39 0.52 0.00	29.69 0.75 0.00	32.47 1.01 0.00	37.60 1.34 0.00	41.14 1.58 0.00	47.38 1.87 0.00	51.20 2.06 0.00	44.92 1.81 0.00	35.59 0.97 0.00	30.61 0.66 0.00	25.63 0.45 0.00	25.05 0.73 0.00
RUSSELL___3 23549	22.15 0.65 0.00	20.00 0.54 0.00	18.74 0.44 0.00	18.05 0.37 0.00	17.96 0.33 0.00	19.17 0.45 0.00	24.42 0.53 0.00	26.72 0.37 0.00	24.92 0.27 0.00	24.31 0.31 0.00	23.48 0.35 0.00	24.55 0.43 0.00	26.39 0.52 0.00	29.69 0.75 0.00	32.47 1.01 0.00	37.60 1.34 0.00	41.14 1.58 0.00	47.38 1.87 0.00	51.20 2.06 0.00	44.92 1.81 0.00	35.59 0.97 0.00	30.61 0.66 0.00	25.63 0.45 0.00	25.05 0.73 0.00
RUSSELL___4 23556	22.15 0.65 0.00	20.00 0.54 0.00	18.74 0.44 0.00	18.05 0.37 0.00	17.96 0.33 0.00	19.17 0.45 0.00	24.42 0.53 0.00	26.72 0.37 0.00	24.92 0.27 0.00	24.31 0.31 0.00	23.48 0.35 0.00	24.55 0.43 0.00	26.39 0.52 0.00	29.69 0.75 0.00	32.47 1.01 0.00	37.60 1.34 0.00	41.14 1.58 0.00	47.38 1.87 0.00	51.20 2.06 0.00	44.92 1.81 0.00	35.59 0.97 0.00	30.61 0.66 0.00	25.63 0.45 0.00	25.05 0.73 0.00
RUSSELL___STATION 23914	22.15 0.65 0.00	20.00 0.54 0.00	18.74 0.44 0.00	18.05 0.37 0.00	17.96 0.33 0.00	19.17 0.45 0.00	24.42 0.53 0.00	26.72 0.37 0.00	24.92 0.27 0.00	24.31 0.31 0.00	23.48 0.35 0.00	24.55 0.43 0.00	26.39 0.52 0.00	29.69 0.75 0.00	32.47 1.01 0.00	37.60 1.34 0.00	41.14 1.58 0.00	47.38 1.87 0.00	51.20 2.06 0.00	44.92 1.81 0.00	35.59 0.97 0.00	30.61 0.66 0.00	25.63 0.45 0.00	25.05 0.73 0.00
S SALMON___HYD 24043	21.91 0.41 0.00	19.82 0.37 0.00	18.64 0.33 0.00	17.98 0.30 0.00	17.92 0.30 0.00	19.11 0.39 0.00	24.51 0.62 0.00	26.96 0.61 0.00	25.09 0.44 0.00	24.19 0.19 0.00	23.39 0.25 0.00	24.55 0.43 0.00	26.34 0.47 0.00	29.58 0.64 0.00	31.96 0.50 0.00	36.83 0.58 0.00	40.46 0.91 0.00	46.78 1.27 0.00	50.76 1.62 0.00	44.53 1.42 0.00	35.52 0.90 0.00	30.61 0.66 0.00	25.65 0.48 0.00	24.76 0.44 0.00
S.PERRY___115KV_TB1 80734	23.01 1.51 0.00	20.78 1.32 0.00	19.46 1.15 0.00	18.72 1.04 0.00	18.62 1.00 0.00	19.93 1.22 0.00	25.49 1.60 0.00	27.85 1.50 0.00	25.90 1.26 0.00	25.17 1.18 0.00	24.31 1.18 0.00	25.42 1.30 0.00	27.29 1.42 0.00	30.07 1.13 0.00	32.94 1.48 0.00	38.21 1.96 0.00	42.01 2.45 0.00	48.56 3.05 0.00	52.63 3.49 0.00	46.22 3.10 0.00	36.49 1.87 0.00	31.27 1.32 0.00	26.76 1.59 0.00	26.19 1.87 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	22.45 0.95 0.00	20.35 0.89 0.00	19.06 0.75 0.00	18.28 0.60 0.00	18.10 0.48 0.00	19.30 0.58 0.00	24.54 0.65 0.00	26.48 0.13 0.00	24.69 0.05 0.00	24.26 0.26 0.00	23.50 0.37 0.00	24.62 0.51 0.00	26.41 0.54 0.00	29.89 0.95 0.00	32.78 1.32 0.00	37.85 1.60 0.00	41.33 1.78 0.00	47.38 1.87 0.00	51.01 1.87 0.00	44.92 1.81 0.00	35.35 0.73 0.00	30.46 0.51 0.00	25.56 0.38 0.00	25.46 1.14 0.00
SAWYER___23_KV_LOAD 55526	22.45 0.95 0.00	20.35 0.89 0.00	19.06 0.75 0.00	18.28 0.60 0.00	18.10 0.48 0.00	19.30 0.58 0.00	24.54 0.65 0.00	26.48 0.13 0.00	24.69 0.05 0.00	24.26 0.26 0.00	23.50 0.37 0.00	24.62 0.51 0.00	26.41 0.54 0.00	29.89 0.95 0.00	32.78 1.32 0.00	37.85 1.60 0.00	41.33 1.78 0.00	47.38 1.87 0.00	51.01 1.87 0.00	44.92 1.81 0.00	35.35 0.73 0.00	30.46 0.51 0.00	25.56 0.38 0.00	25.46 1.14 0.00
SELKIRK___I 23801	22.13 0.62 0.00	20.02 0.56 0.00	18.85 0.55 0.00	18.23 0.55 0.00	18.15 0.53 0.00	19.13 0.41 0.00	24.61 0.72 0.00	27.30 0.95 0.00	25.53 0.89 0.00	24.84 0.84 0.00	23.90 0.76 0.00	24.84 0.72 0.00	26.60 0.78 0.05	29.58 0.64 0.00	32.22 0.69 -0.06	36.91 0.76 0.11	40.86 1.27 -0.04	49.08 1.82 -1.74	51.59 2.02 -0.44	45.30 1.81 -0.38	35.73 1.11 0.00	30.84 0.87 -0.02	25.88 0.70 0.00	25.15 0.83 0.00
SELKIRK___II 23799	21.96 0.45 0.00	19.87 0.41 0.00	18.71 0.40 0.00	18.09 0.41 0.00	18.03 0.41 0.00	19.02 0.30 0.00	24.46 0.57 0.00	27.11 0.76 0.00	25.38 0.74 0.00	24.67 0.67 0.00	23.73 0.60 0.00	24.67 0.56 0.00	26.44 0.62 0.05	29.26 0.32 0.00	31.87 0.35 -0.06	36.42 0.29 0.13	40.35 0.75 -0.04	48.46 1.23 -1.72	50.93 1.33 -0.46	44.71 1.21 -0.39	35.21 0.59 0.00	30.45 0.48 -0.03	25.58 0.40 0.00	24.93 0.61 0.00
SENECA OSWGO___HYD 24041	21.96 0.45 0.00	19.87 0.41 0.00	18.65 0.35 0.00	18.00 0.32 0.00	17.94 0.32 0.00	19.11 0.39 0.00	24.58 0.69 0.00	26.96 0.61 0.00	25.11 0.47 0.00	24.19 0.19 0.00	23.39 0.25 0.00	24.46 0.34 0.00	26.26 0.39 0.00	29.46 0.52 0.00	31.84 0.38 0.00	36.65 0.40 0.00	40.27 0.71 0.00	46.56 1.05 0.00	50.47 1.33 0.00	44.23 1.12 0.00	35.28 0.66 0.00	30.46 0.51 0.00	25.56 0.38 0.00	24.69 0.37 0.00
SENECA___115KV_TB3 355854	22.82 1.31 0.00	20.66 1.21 0.00	19.35 1.04 0.00	18.58 0.90 0.00	18.38 0.76 0.00	19.60 0.88 0.00	24.94 1.05 0.00	27.03 0.69 0.00	25.16 0.52 0.00	24.74 0.74 0.00	23.97 0.83 0.00	25.13 1.01 0.00	27.01 1.14 0.00	30.56 1.62 0.00	33.54 2.08 0.00	38.68 2.43 0.00	42.32 2.77 0.00	48.47 2.96 0.00	52.19 3.05 0.00	45.96 2.85 0.00	36.11 1.49 0.00	31.09 1.14 0.00	26.08 0.91 0.00	25.93 1.61 0.00
SENECA___ENERGY 23797	21.81 0.30 0.00	19.71 0.25 0.00	18.51 0.20 0.00	17.84 0.16 0.00	17.78 0.16 0.00	18.98 0.26 0.00	24.75 0.86 0.00	27.19 0.84 0.00	25.33 0.69 0.00	24.02 0.02 0.00	23.20 0.07 0.00	24.24 0.12 0.00	26.03 0.16 0.00	29.23 0.29 0.00	31.75 0.28 0.00	36.65 0.40 0.00	40.27 0.71 0.00	46.42 0.91 0.00	50.37 1.23 0.00	44.10 0.99 0.00	35.04 0.42 0.00	30.13 0.18 0.00	25.30 0.13 0.00	24.54 0.22 0.00
SHOEMAKER___GT 23640	22.30 0.80 0.00	20.08 0.62 0.00	18.89 0.59 0.00	18.23 0.55 0.00	18.13 0.51 0.00	19.30 0.58 0.00	24.92 1.03 0.00	27.64 1.29 0.00	25.93 1.28 0.00	25.15 1.15 0.00	24.22 1.09 0.00	25.18 1.06 0.00	27.06 1.14 -0.05	30.24 1.30 0.00	32.69 1.45 0.22	37.93 1.59 -0.09	41.62 2.17 0.11	39.90 2.87 8.48	50.78 2.90 1.25	44.63 2.59 1.07	36.11 1.49 0.00	31.23 1.35 0.07	26.41 1.23 0.00	25.44 1.12 0.00
SHOEMAKR_138KV_BK 111 55601	22.30 0.80 0.00	20.08 0.62 0.00	18.89 0.59 0.00	18.21 0.53 0.00	18.13 0.51 0.00	19.30 0.58 0.00	24.94 1.05 0.00	27.64 1.29 0.00	25.93 1.28 0.00	25.17 1.18 0.00	24.22 1.09 0.00	25.20 1.09 0.00	27.08 1.16 -0.05	30.24 1.30 0.00	32.70 1.45 0.21	38.01 1.67 -0.08	41.78 2.33 0.11	36.40 2.87 11.98	50.86 2.95 1.23	44.65 2.59 1.05	36.11 1.49 0.00	31.20 1.32 0.07	26.39 1.21 0.00	25.41 1.09 0.00

SHOREHAM_IC_1 23715	23.36 1.85 0.00	20.84 1.38 0.00	19.57 1.26 0.00	18.67 0.99 0.00	18.84 1.21 0.00	20.27 1.55 0.00	26.64 2.75 0.00	29.97 3.61 -0.01	28.20 3.55 -0.01	27.14 3.14 0.00	26.24 3.10 -0.01	29.54 3.01 -2.41	31.23 3.21 -2.16	32.54 3.59 -0.02	35.18 3.43 -0.28	39.73 3.23 -0.25	50.40 4.07 -6.77	61.51 5.73 -10.26	61.55 5.60 -6.81	54.39 5.26 -6.02	47.66 3.98 -9.06	38.36 3.38 -5.02	32.03 3.22 -3.62	28.50 3.04 -1.14
SHOREHAM_IC_2 23716	23.36 1.85 0.00	20.84 1.38 0.00	19.57 1.26 0.00	18.67 0.99 0.00	18.84 1.21 0.00	20.27 1.55 0.00	26.64 2.75 0.00	29.97 3.61 -0.01	28.20 3.55 -0.01	27.14 3.14 0.00	26.24 3.10 -0.01	29.54 3.01 -2.41	31.23 3.21 -2.16	32.54 3.59 -0.02	35.18 3.43 -0.28	39.73 3.23 -0.25	50.40 4.07 -6.77	61.51 5.73 -10.26	61.55 5.60 -6.81	54.39 5.26 -6.02	47.66 3.98 -9.06	38.36 3.38 -5.02	32.03 3.22 -3.62	28.50 3.04 -1.14
SISSONVILLE____ 23735	21.21 -0.30 0.00	19.24 -0.21 0.00	18.10 -0.20 0.00	17.47 -0.21 0.00	17.46 -0.16 0.00	18.61 -0.11 0.00	23.72 -0.17 0.00	26.19 -0.16 0.00	24.47 -0.17 0.00	23.85 -0.14 0.00	22.99 -0.14 0.00	24.07 -0.05 0.00	25.82 -0.05 0.00	29.00 0.06 0.00	31.46 0.00 0.00	36.36 0.11 0.00	38.61 -0.95 0.00	43.78 -1.73 0.00	47.22 -1.92 0.00	41.34 -1.77 0.00	34.35 -0.28 0.00	29.89 -0.06 0.00	25.20 0.03 0.00	24.22 -0.10 0.00
SITHE_IND_GS1 24169	21.16 -0.34 0.00	19.13 -0.33 0.00	17.99 -0.31 0.00	17.36 -0.32 0.00	17.30 -0.32 0.00	18.40 -0.32 0.00	23.36 -0.53 0.00	25.56 -0.79 0.00	23.86 -0.79 0.00	23.25 -0.74 0.00	22.44 -0.69 0.00	23.42 -0.70 0.00	25.12 -0.75 0.00	28.13 -0.81 0.00	30.58 -0.88 0.00	35.24 -1.01 0.00	38.57 -0.99 0.00	44.47 -1.04 0.00	48.06 -1.08 0.00	42.12 -0.99 0.00	33.65 -0.97 0.00	29.05 -0.90 0.00	24.42 -0.75 0.00	23.64 -0.68 0.00
SITHE_IND_GS2 24170	21.16 -0.34 0.00	19.13 -0.33 0.00	17.99 -0.31 0.00	17.36 -0.32 0.00	17.30 -0.32 0.00	18.40 -0.32 0.00	23.36 -0.53 0.00	25.56 -0.79 0.00	23.86 -0.79 0.00	23.25 -0.74 0.00	22.44 -0.69 0.00	23.42 -0.70 0.00	25.12 -0.75 0.00	28.13 -0.81 0.00	30.58 -0.88 0.00	35.24 -1.01 0.00	38.57 -0.99 0.00	44.47 -1.04 0.00	48.06 -1.08 0.00	42.12 -0.99 0.00	33.65 -0.97 0.00	29.05 -0.90 0.00	24.42 -0.75 0.00	23.64 -0.68 0.00
SITHE_IND_GS3 24171	21.16 -0.34 0.00	19.13 -0.33 0.00	17.99 -0.31 0.00	17.36 -0.32 0.00	17.30 -0.32 0.00	18.40 -0.32 0.00	23.36 -0.53 0.00	25.56 -0.79 0.00	23.86 -0.79 0.00	23.25 -0.74 0.00	22.44 -0.69 0.00	23.42 -0.70 0.00	25.12 -0.75 0.00	28.13 -0.81 0.00	30.58 -0.88 0.00	35.24 -1.01 0.00	38.57 -0.99 0.00	44.47 -1.04 0.00	48.06 -1.08 0.00	42.12 -0.99 0.00	33.65 -0.97 0.00	29.05 -0.90 0.00	24.42 -0.75 0.00	23.64 -0.68 0.00
SITHE_IND_GS4 24172	21.16 -0.34 0.00	19.13 -0.33 0.00	17.99 -0.31 0.00	17.36 -0.32 0.00	17.30 -0.32 0.00	18.40 -0.32 0.00	23.36 -0.53 0.00	25.56 -0.79 0.00	23.86 -0.79 0.00	23.25 -0.74 0.00	22.44 -0.69 0.00	23.42 -0.70 0.00	25.12 -0.75 0.00	28.13 -0.81 0.00	30.58 -0.88 0.00	35.24 -1.01 0.00	38.57 -0.99 0.00	44.47 -1.04 0.00	48.06 -1.08 0.00	42.12 -0.99 0.00	33.65 -0.97 0.00	29.05 -0.90 0.00	24.42 -0.75 0.00	23.64 -0.68 0.00
SITHE____BATAVIA 24024	22.69 1.18 0.00	20.47 1.01 0.00	19.24 0.93 0.00	18.49 0.81 0.00	18.34 0.72 0.00	19.58 0.86 0.00	24.87 0.98 0.00	26.88 0.53 0.00	25.04 0.39 0.00	24.52 0.53 0.00	23.71 0.58 0.00	24.82 0.70 0.00	26.65 0.78 0.00	30.15 1.22 0.00	33.07 1.60 0.00	38.32 2.07 0.00	42.12 2.57 0.00	48.15 2.64 0.00	52.13 3.00 0.00	45.74 2.63 0.00	35.97 1.35 0.00	30.94 0.99 0.00	25.91 0.73 0.00	25.75 1.43 0.00
SITHE____INDEPEND 23800	21.16 -0.34 0.00	19.14 -0.31 0.00	17.99 -0.31 0.00	17.36 -0.32 0.00	17.30 -0.32 0.00	18.40 -0.32 0.00	23.36 -0.53 0.00	25.56 -0.79 0.00	23.86 -0.79 0.00	23.25 -0.74 0.00	22.44 -0.69 0.00	23.42 -0.70 0.00	25.12 -0.75 0.00	28.13 -0.81 0.00	30.58 -0.88 0.00	35.24 -1.02 0.00	38.57 -0.99 0.00	44.47 -1.05 0.00	48.06 -1.08 0.00	42.12 -0.99 0.00	33.65 -0.97 0.00	29.05 -0.90 0.00	24.42 -0.76 0.00	23.64 -0.68 0.00
SITHE____MASSENA 23902	21.21 -0.30 0.00	19.24 -0.21 0.00	18.10 -0.20 0.00	17.47 -0.21 0.00	17.44 -0.18 0.00	18.55 -0.17 0.00	23.60 -0.29 0.00	26.06 -0.29 0.00	24.37 -0.27 0.00	23.73 -0.26 0.00	22.90 -0.23 0.00	23.90 -0.22 0.00	25.66 -0.21 0.00	28.77 -0.17 0.00	31.24 -0.22 0.00	36.11 -0.14 0.00	38.92 -0.63 0.00	43.83 -1.68 0.00	47.27 -1.87 0.00	41.43 -1.68 0.00	34.31 -0.31 0.00	29.74 -0.21 0.00	25.05 -0.13 0.00	24.12 -0.20 0.00
SITHE____OGDNSBRG 24021	21.34 -0.17 0.00	19.38 -0.08 0.00	18.25 -0.05 0.00	17.61 -0.07 0.00	17.59 -0.04 0.00	18.75 0.04 0.00	23.89 0.00 0.00	26.40 0.05 0.00	24.67 0.02 0.00	24.00 0.00 0.00	23.11 -0.02 0.00	24.19 0.07 0.00	25.97 0.10 0.00	29.20 0.26 0.00	31.71 0.25 0.00	36.65 0.40 0.00	39.04 -0.51 0.00	44.42 -1.09 0.00	47.96 -1.18 0.00	42.03 -1.08 0.00	34.90 0.28 0.00	30.19 0.24 0.00	25.38 0.20 0.00	24.37 0.05 0.00
SITHE____STERLING 23777	22.09 0.58 0.00	19.98 0.53 0.00	18.80 0.49 0.00	18.14 0.46 0.00	18.08 0.46 0.00	19.30 0.58 0.00	24.75 0.86 0.00	27.17 0.82 0.00	25.33 0.69 0.00	24.60 0.60 0.00	23.69 0.55 0.00	24.79 0.67 0.00	26.59 0.72 0.00	29.87 0.93 0.00	32.50 1.04 0.00	37.45 1.19 0.00	41.14 1.58 0.00	47.47 1.96 0.00	51.40 2.26 0.00	45.10 1.98 0.00	35.90 1.28 0.00	30.82 0.87 0.00	25.83 0.65 0.00	24.98 0.66 0.00
SLEIGHT__34_KV_TB1 80719	22.22 0.71 0.00	20.10 0.64 0.00	18.85 0.55 0.00	18.19 0.51 0.00	18.13 0.51 0.00	19.37 0.66 0.00	25.25 1.36 0.00	27.80 1.45 0.00	25.85 1.21 0.00	24.55 0.55 0.00	23.73 0.60 0.00	24.82 0.70 0.00	26.67 0.80 0.00	30.01 1.07 0.00	32.66 1.20 0.00	37.71 1.45 0.00	41.37 1.82 0.00	47.83 2.32 0.00	51.84 2.70 0.00	45.40 2.28 0.00	36.08 1.45 0.00	30.88 0.93 0.00	25.88 0.70 0.00	25.07 0.75 0.00
SOUTH CAIRO____GT 23612	22.56 1.05 0.00	20.45 0.99 0.00	19.20 0.90 0.00	18.54 0.87 0.00	18.36 0.74 0.00	19.24 0.52 0.00	24.80 0.91 0.00	27.51 1.16 0.00	25.51 0.86 0.00	24.67 0.67 0.00	23.76 0.62 0.00	24.65 0.53 0.00	26.66 0.83 0.03	29.49 0.55 0.00	32.50 0.98 -0.06	37.19 1.01 0.08	41.37 1.78 -0.03	50.04 2.68 -1.85	52.76 3.24 -0.38	46.23 2.80 -0.32	36.04 1.42 0.00	31.29 1.32 -0.02	26.23 1.06 0.00	25.58 1.26 0.00
SOUTH HAMPTN____IC 23720	23.62 2.11 0.00	21.07 1.61 0.00	19.79 1.48 0.00	18.86 1.18 0.00	19.05 1.43 0.00	20.50 1.78 0.00	26.92 3.03 0.00	30.39 4.03 -0.01	28.60 3.94 -0.01	27.55 3.55 0.00	26.63 3.49 -0.01	29.97 3.45 -2.41	31.70 3.67 -2.16	33.09 4.14 -0.02	35.81 4.06 -0.28	40.50 3.99 -0.25	51.31 4.98 -6.77	62.60 6.82 -10.26	62.73 6.78 -6.81	55.38 6.25 -6.02	48.35 4.67 -9.06	38.96 3.98 -5.02	32.45 3.65 -3.62	28.91 3.45 -1.14

SOUTHDOWN_115KV_TB1 355954	23.55 2.04 0.00	21.30 1.85 0.00	19.95 1.65 0.00	19.15 1.47 0.00	18.92 1.30 0.00	20.25 1.53 0.00	25.90 2.01 0.00	28.25 1.90 0.00	26.54 1.90 0.00	26.13 2.14 0.00	25.33 2.20 0.00	26.55 2.44 0.00	28.30 2.43 0.00	32.04 3.10 0.00	35.21 3.74 0.00	40.42 4.17 0.00	44.34 4.79 0.00	50.84 5.32 0.00	54.74 5.60 0.00	48.16 5.04 0.00	37.67 3.05 0.00	32.47 2.52 0.00	27.17 1.99 0.00	26.85 2.53 0.00
SOUTHOLD_69_KV_BK 2 55809	23.98 2.47 0.00	21.36 1.91 0.00	20.06 1.76 0.00	19.11 1.43 0.00	19.29 1.67 0.00	20.78 2.06 0.00	27.31 3.42 0.00	30.86 4.51 -0.01	29.04 4.39 -0.01	27.98 3.98 0.00	27.09 3.96 0.00	30.46 3.93 -2.41	32.17 4.14 -2.16	33.64 4.69 -0.02	36.81 5.07 -0.28	42.56 6.05 -0.25	53.41 7.08 -6.77	64.38 8.60 -10.26	65.08 9.14 -6.81	57.11 7.98 -6.02	49.29 5.61 -9.06	39.85 4.88 -5.02	33.01 4.20 -3.62	29.35 3.89 -1.14
SOUTHOLD___IC 23719	23.98 2.47 0.00	21.38 1.93 0.00	20.06 1.76 0.00	19.11 1.43 0.00	19.30 1.67 0.00	20.79 2.08 0.00	27.31 3.42 0.00	30.86 4.50 -0.01	29.04 4.39 -0.01	27.98 3.98 0.00	27.10 3.95 -0.01	30.46 3.93 -2.41	32.16 4.14 -2.16	33.64 4.69 -0.02	36.43 4.69 -0.28	41.29 4.79 -0.25	52.30 5.97 -6.77	63.79 8.01 -10.26	64.00 8.06 -6.81	56.50 7.37 -6.02	49.15 5.47 -9.06	39.56 4.58 -5.02	32.93 4.13 -3.62	29.30 3.84 -1.14
SPIERFLS_115KV_TB 1 80737	22.26 0.75 0.00	20.08 0.62 0.00	18.89 0.59 0.00	18.24 0.57 0.00	18.13 0.51 0.00	19.20 0.49 0.00	24.87 0.98 0.00	27.80 1.45 0.00	25.93 1.28 0.00	25.27 1.27 0.00	24.31 1.18 0.00	25.25 1.13 0.00	26.88 1.09 0.07	30.10 1.16 0.00	32.84 1.32 -0.05	37.70 1.63 0.19	41.85 2.25 -0.04	50.19 3.00 -1.67	53.43 3.83 -0.45	46.99 3.49 -0.39	37.15 2.53 0.00	31.92 1.95 -0.02	26.61 1.44 0.00	25.63 1.31 0.00
ST LAWRENCE____ 23600	21.01 -0.49 0.00	19.07 -0.39 0.00	17.94 -0.37 0.00	17.32 -0.35 0.00	17.29 -0.34 0.00	18.38 -0.34 0.00	23.34 -0.55 0.00	25.79 -0.55 0.00	24.15 -0.49 0.00	23.52 -0.48 0.00	22.69 -0.44 0.00	23.68 -0.43 0.00	25.41 -0.46 0.00	28.45 -0.49 0.00	30.93 -0.54 0.00	35.71 -0.54 0.00	38.49 -1.07 0.00	43.74 -1.78 0.00	47.17 -1.97 0.00	41.34 -1.77 0.00	33.93 -0.69 0.00	29.44 -0.51 0.00	24.77 -0.40 0.00	23.88 -0.44 0.00
STATE_CA_115KV_115_LB 55624	22.00 0.49 0.00	19.88 0.43 0.00	18.73 0.42 0.00	18.10 0.42 0.00	18.04 0.42 0.00	18.98 0.26 0.00	24.44 0.55 0.00	27.14 0.79 0.00	25.41 0.76 0.00	24.72 0.72 0.00	23.76 0.62 0.00	24.70 0.58 0.00	26.45 0.65 0.07	29.52 0.58 0.00	32.15 0.63 -0.06	36.80 0.73 0.18	40.98 1.38 -0.04	49.06 1.82 -1.73	51.58 1.97 -0.47	45.33 1.81 -0.40	35.66 1.04 0.00	30.78 0.81 -0.03	25.81 0.63 0.00	24.95 0.63 0.00
STATE_ST_34_KV_LOAD 55959	21.94 0.43 0.00	19.83 0.37 0.00	18.62 0.31 0.00	17.96 0.28 0.00	17.90 0.28 0.00	19.09 0.37 0.00	25.06 1.17 0.00	27.77 1.42 0.00	25.85 1.21 0.00	24.31 0.31 0.00	23.48 0.35 0.00	24.55 0.43 0.00	26.36 0.49 0.00	29.60 0.67 0.00	32.16 0.69 0.00	37.05 0.80 0.00	40.70 1.15 0.00	47.01 1.50 0.00	51.01 1.87 0.00	44.71 1.60 0.00	35.59 0.97 0.00	30.58 0.63 0.00	25.68 0.50 0.00	24.83 0.51 0.00
STATION 5_MISC_HYD 23604	22.04 0.54 0.00	19.88 0.43 0.00	18.67 0.37 0.00	17.98 0.30 0.00	17.89 0.26 0.00	19.09 0.37 0.00	24.30 0.41 0.00	26.59 0.24 0.00	24.79 0.15 0.00	24.19 0.19 0.00	23.36 0.23 0.00	24.41 0.29 0.00	26.23 0.36 0.00	29.52 0.58 0.00	32.25 0.79 0.00	37.38 1.13 0.00	40.98 1.42 0.00	47.01 1.50 0.00	50.91 1.77 0.00	44.62 1.51 0.00	35.35 0.73 0.00	30.40 0.45 0.00	25.48 0.30 0.00	24.93 0.61 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	22.04 0.54 0.00	19.92 0.47 0.00	18.67 0.37 0.00	18.00 0.32 0.00	17.92 0.30 0.00	19.15 0.43 0.00	24.58 0.69 0.00	26.93 0.58 0.00	25.09 0.44 0.00	24.26 0.26 0.00	23.41 0.28 0.00	24.48 0.36 0.00	26.28 0.41 0.00	29.58 0.64 0.00	32.28 0.82 0.00	37.38 1.12 0.00	40.94 1.38 0.00	47.20 1.68 0.00	51.06 1.92 0.00	44.75 1.64 0.00	35.49 0.87 0.00	30.52 0.57 0.00	25.56 0.38 0.00	24.86 0.54 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	21.87 0.37 0.00	19.75 0.29 0.00	18.51 0.20 0.00	17.84 0.16 0.00	17.76 0.14 0.00	18.94 0.22 0.00	24.13 0.24 0.00	26.40 0.05 0.00	24.62 -0.02 0.00	24.02 0.02 0.00	23.18 0.05 0.00	24.24 0.12 0.00	26.05 0.18 0.00	29.32 0.38 0.00	32.03 0.57 0.00	37.09 0.83 0.00	40.58 1.03 0.00	46.70 1.18 0.00	50.47 1.33 0.00	44.28 1.16 0.00	35.11 0.48 0.00	30.19 0.24 0.00	25.28 0.10 0.00	24.68 0.36 0.00
STA_56___34_KV_BUS2 355983	21.87 0.37 0.00	19.75 0.29 0.00	18.51 0.20 0.00	17.84 0.16 0.00	17.76 0.14 0.00	18.94 0.22 0.00	24.13 0.24 0.00	26.40 0.05 0.00	24.62 -0.02 0.00	24.02 0.02 0.00	23.18 0.05 0.00	24.24 0.12 0.00	26.05 0.18 0.00	29.32 0.38 0.00	32.03 0.57 0.00	37.09 0.83 0.00	40.58 1.03 0.00	46.70 1.18 0.00	50.47 1.33 0.00	44.28 1.16 0.00	35.11 0.48 0.00	30.19 0.24 0.00	25.28 0.10 0.00	24.68 0.36 0.00
STA_67___115KV_BK2 355882	22.00 0.49 0.00	19.88 0.43 0.00	18.64 0.33 0.00	17.94 0.27 0.00	17.85 0.23 0.00	19.05 0.34 0.00	24.25 0.36 0.00	26.51 0.16 0.00	24.74 0.10 0.00	24.12 0.12 0.00	23.30 0.16 0.00	24.36 0.24 0.00	26.15 0.28 0.00	29.43 0.49 0.00	32.16 0.69 0.00	37.23 0.98 0.00	40.74 1.19 0.00	46.88 1.37 0.00	50.66 1.52 0.00	44.45 1.34 0.00	35.25 0.62 0.00	30.31 0.36 0.00	25.40 0.23 0.00	24.86 0.54 0.00
STA_7___115KV_9TRANS 80674	22.15 0.65 0.00	20.00 0.54 0.00	18.74 0.44 0.00	18.05 0.37 0.00	17.96 0.33 0.00	19.17 0.45 0.00	24.42 0.53 0.00	26.72 0.37 0.00	24.92 0.27 0.00	24.31 0.31 0.00	23.48 0.35 0.00	24.55 0.43 0.00	26.39 0.52 0.00	29.69 0.75 0.00	32.47 1.01 0.00	37.60 1.34 0.00	41.14 1.58 0.00	47.38 1.87 0.00	51.20 2.06 0.00	44.92 1.81 0.00	35.59 0.97 0.00	30.61 0.66 0.00	25.63 0.45 0.00	25.05 0.73 0.00
STA_82___115KV_TB1 80780	22.00 0.49 0.00	19.88 0.43 0.00	18.64 0.33 0.00	17.96 0.28 0.00	17.87 0.25 0.00	19.05 0.34 0.00	24.27 0.38 0.00	26.53 0.18 0.00	24.74 0.10 0.00	24.14 0.14 0.00	23.32 0.19 0.00	24.38 0.27 0.00	26.18 0.31 0.00	29.46 0.52 0.00	32.19 0.72 0.00	37.27 1.02 0.00	40.78 1.23 0.00	46.92 1.41 0.00	50.71 1.57 0.00	44.49 1.38 0.00	35.28 0.66 0.00	30.34 0.39 0.00	25.43 0.25 0.00	24.88 0.56 0.00
STEEL___WIND 323596	22.80 1.29 0.00	20.56 1.11 0.00	19.33 1.02 0.00	18.56 0.88 0.00	18.36 0.74 0.00	19.60 0.88 0.00	24.94 1.05 0.00	27.01 0.66 0.00	25.14 0.49 0.00	24.69 0.70 0.00	23.94 0.81 0.00	25.11 0.99 0.00	26.96 1.09 0.00	30.53 1.59 0.00	33.45 1.98 0.00	38.65 2.39 0.00	42.44 2.89 0.00	48.43 2.92 0.00	52.34 3.19 0.00	45.92 2.80 0.00	36.01 1.39 0.00	31.06 1.11 0.00	26.06 0.88 0.00	25.92 1.60 0.00

STEPHTWN_115KV_BK_2 55603	22.17 0.67 0.00	20.02 0.56 0.00	18.85 0.55 0.00	18.23 0.55 0.00	18.15 0.53 0.00	19.11 0.39 0.00	24.65 0.76 0.00	27.35 1.00 0.00	25.58 0.94 0.00	24.91 0.91 0.00	23.94 0.81 0.00	24.89 0.77 0.00	26.68 0.88 0.07	29.72 0.78 0.00	32.40 0.88 -0.06	37.14 1.05 0.17	41.38 1.78 -0.04	49.62 2.37 -1.75	52.17 2.56 -0.47	45.84 2.33 -0.40	36.04 1.42 0.00	31.05 1.08 -0.03	26.01 0.83 0.00	25.20 0.88 0.00
STEUBEN_REC_LFGE 323667	23.10 1.59 0.00	20.92 1.46 0.00	19.59 1.28 0.00	18.83 1.15 0.00	18.70 1.07 0.00	19.99 1.27 0.00	25.66 1.77 0.00	27.98 1.63 0.00	26.15 1.50 0.00	25.44 1.44 0.00	24.66 1.53 0.00	25.81 1.69 0.00	27.63 1.76 0.00	31.17 2.23 0.00	34.07 2.61 0.00	39.26 3.01 0.00	43.15 3.60 0.00	49.75 4.23 0.00	53.81 4.67 0.00	47.25 4.14 0.00	37.18 2.56 0.00	31.96 2.01 0.00	26.81 1.64 0.00	26.29 1.97 0.00
STONY__BROOK 24151	23.21 1.70 0.00	20.72 1.26 0.00	19.46 1.15 0.00	18.56 0.88 0.00	18.71 1.09 0.00	20.14 1.42 0.00	26.45 2.56 0.00	29.78 3.42 -0.01	28.03 3.38 -0.01	27.00 3.00 0.00	26.13 2.99 -0.01	29.47 2.94 -2.41	31.16 3.13 -2.16	32.46 3.50 -0.02	35.06 3.30 -0.29	39.56 3.05 -0.26	50.29 3.96 -6.78	61.33 5.55 -10.27	61.36 5.41 -6.81	54.18 5.04 -6.03	47.29 3.60 -9.07	38.24 3.27 -5.03	31.90 3.10 -3.63	28.35 2.89 -1.14
STURGEON_POOL_HYD 23609	22.30 0.80 0.00	20.08 0.62 0.00	18.89 0.59 0.00	18.23 0.55 0.00	18.15 0.53 0.00	19.30 0.58 0.00	24.89 1.00 0.00	27.53 1.19 0.00	25.83 1.18 0.00	25.03 1.03 0.00	24.10 0.97 0.00	25.03 0.92 0.00	27.03 1.14 -0.02	29.98 1.04 0.00	32.83 1.32 -0.04	37.69 1.38 -0.06	41.63 2.06 -0.02	50.10 2.46 -2.13	51.87 2.56 -0.17	45.46 2.20 -0.15	35.66 1.04 0.00	31.04 1.08 -0.01	26.26 1.08 0.00	25.39 1.07 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	22.37 0.86 0.00	20.10 0.64 0.00	18.93 0.62 0.00	18.24 0.57 0.00	18.17 0.55 0.00	19.35 0.64 0.00	25.04 1.15 0.00	27.72 1.37 0.00	26.05 1.40 0.00	25.27 1.27 0.00	24.34 1.20 0.00	25.30 1.18 0.00	27.16 1.24 -0.05	30.33 1.39 0.00	32.77 1.54 0.24	38.12 1.78 -0.09	41.97 2.53 0.12	51.78 3.05 -3.22	50.98 3.19 1.35	44.76 2.80 1.16	36.18 1.56 0.00	31.25 1.38 0.07	26.44 1.26 0.00	25.44 1.12 0.00
SWANROAD_115KV_TB1 355699	22.04 0.54 0.00	20.04 0.58 0.00	18.76 0.46 0.00	18.01 0.34 0.00	17.83 0.21 0.00	18.94 0.22 0.00	23.99 0.10 0.00	25.80 -0.55 0.00	24.05 -0.59 0.00	23.61 -0.38 0.00	22.86 -0.28 0.00	23.97 -0.14 0.00	25.69 -0.18 0.00	29.08 0.14 0.00	31.87 0.41 0.00	36.84 0.58 0.00	40.19 0.63 0.00	46.05 0.55 0.01	49.58 0.44 0.01	43.62 0.52 0.01	34.38 -0.24 0.00	29.65 -0.30 0.00	24.88 -0.30 0.00	24.90 0.58 0.00
SYNERGY__BIOGAS 323694	22.69 1.18 0.00	20.47 1.01 0.00	19.24 0.93 0.00	18.49 0.81 0.00	18.34 0.72 0.00	19.58 0.86 0.00	24.87 0.98 0.00	26.88 0.53 0.00	25.04 0.39 0.00	24.52 0.53 0.00	23.71 0.58 0.00	24.82 0.70 0.00	26.65 0.78 0.00	30.15 1.22 0.00	33.07 1.60 0.00	38.32 2.07 0.00	42.12 2.57 0.00	48.15 2.64 0.00	52.13 3.00 0.00	45.74 2.63 0.00	35.97 1.35 0.00	30.94 0.99 0.00	25.91 0.73 0.00	25.75 1.43 0.00
SYRACUSE__ENERGY_ST1 323597	21.77 0.26 0.00	19.71 0.25 0.00	18.51 0.20 0.00	17.86 0.18 0.00	17.80 0.18 0.00	18.94 0.22 0.00	24.65 0.76 0.00	27.09 0.74 0.00	25.24 0.59 0.00	23.95 -0.05 0.00	23.16 0.02 0.00	24.19 0.07 0.00	25.95 0.08 0.00	29.08 0.14 0.00	31.59 0.13 0.00	36.40 0.15 0.00	39.95 0.40 0.00	46.10 0.59 0.00	49.92 0.79 0.00	43.76 0.65 0.00	34.90 0.28 0.00	30.01 0.06 0.00	25.25 0.08 0.00	24.39 0.07 0.00
SYRACUSE__ENERGY_ST2 323598	21.77 0.26 0.00	19.71 0.25 0.00	18.51 0.20 0.00	17.86 0.18 0.00	17.80 0.18 0.00	18.94 0.22 0.00	24.65 0.76 0.00	27.09 0.74 0.00	25.24 0.59 0.00	23.95 -0.05 0.00	23.16 0.02 0.00	24.19 0.07 0.00	25.95 0.08 0.00	29.08 0.14 0.00	31.59 0.13 0.00	36.40 0.15 0.00	39.95 0.40 0.00	46.10 0.59 0.00	49.92 0.79 0.00	43.76 0.65 0.00	34.90 0.28 0.00	30.01 0.06 0.00	25.25 0.08 0.00	24.39 0.07 0.00
SYRACUSE__POWER 24017	21.66 0.15 0.00	19.59 0.14 0.00	18.40 0.09 0.00	17.77 0.09 0.00	17.69 0.07 0.00	18.83 0.11 0.00	24.22 0.33 0.00	26.61 0.26 0.00	24.82 0.17 0.00	23.97 -0.02 0.00	23.13 0.00 0.00	24.17 0.05 0.00	25.90 0.03 0.00	29.03 0.09 0.00	31.56 0.09 0.00	36.36 0.11 0.00	39.91 0.36 0.00	46.06 0.55 0.00	49.83 0.69 0.00	43.72 0.60 0.00	34.83 0.21 0.00	29.95 0.00 0.00	25.18 0.00 0.00	24.34 0.02 0.00
TALLMAN_138KV_BK151 55660	22.43 0.92 0.00	20.14 0.68 0.00	18.95 0.64 0.00	18.26 0.58 0.00	18.20 0.58 0.00	19.43 0.71 0.00	25.16 1.27 0.00	27.93 1.58 0.00	26.27 1.63 0.00	25.51 1.51 0.00	24.54 1.41 0.00	25.52 1.40 0.00	27.40 1.47 -0.06	30.56 1.62 0.00	32.94 1.76 0.28	38.35 1.99 -0.10	42.26 2.85 0.14	52.65 3.50 -3.64	51.18 3.64 1.60	44.90 3.15 1.36	36.42 1.80 0.00	31.45 1.59 0.09	26.61 1.44 0.00	25.56 1.24 0.00
TEALLAVE_115KV_TB7 355573	21.59 0.09 0.00	19.53 0.08 0.00	18.34 0.04 0.00	17.71 0.04 0.00	17.64 0.02 0.00	18.77 0.06 0.00	24.08 0.19 0.00	26.43 0.08 0.00	24.65 0.00 0.00	23.85 -0.14 0.00	23.04 -0.09 0.00	24.07 -0.05 0.00	25.79 -0.08 0.00	28.88 -0.06 0.00	31.40 -0.06 0.00	36.18 -0.07 0.00	39.71 0.16 0.00	45.78 0.27 0.00	49.53 0.39 0.00	43.46 0.34 0.00	34.62 0.00 0.00	29.80 -0.15 0.00	25.03 -0.15 0.00	24.22 -0.10 0.00
TELGRAPH_34_KV_EAST 80808	22.50 0.99 0.00	20.39 0.93 0.00	19.07 0.77 0.00	18.31 0.64 0.00	18.15 0.53 0.00	19.35 0.64 0.00	24.56 0.67 0.00	26.43 0.08 0.00	24.62 -0.02 0.00	24.16 0.17 0.00	23.39 0.25 0.00	24.48 0.36 0.00	26.28 0.41 0.00	29.75 0.81 0.00	32.63 1.16 0.00	37.71 1.45 0.00	41.22 1.66 0.00	47.28 1.77 0.00	50.95 1.82 0.00	44.83 1.72 0.00	35.31 0.69 0.00	30.37 0.42 0.00	25.45 0.28 0.00	25.44 1.12 0.00
TEMPLE__115KV_TB 2 55572	21.59 0.09 0.00	19.53 0.08 0.00	18.34 0.04 0.00	17.71 0.04 0.00	17.66 0.04 0.00	18.77 0.06 0.00	24.08 0.19 0.00	26.43 0.08 0.00	24.67 0.02 0.00	23.88 -0.12 0.00	23.06 -0.07 0.00	24.09 -0.02 0.00	25.82 -0.05 0.00	28.91 -0.03 0.00	31.43 -0.03 0.00	36.22 -0.04 0.00	39.75 0.20 0.00	45.83 0.32 0.00	49.58 0.44 0.00	43.50 0.39 0.00	34.66 0.03 0.00	29.83 -0.12 0.00	25.05 -0.13 0.00	24.25 -0.07 0.00
TIANA__69_KV_BK 1 55817	23.53 2.02 0.00	20.97 1.52 0.00	19.72 1.41 0.00	18.79 1.11 0.00	18.98 1.36 0.00	20.42 1.70 0.00	26.83 2.94 0.00	30.28 3.93 -0.01	28.47 3.82 -0.01	27.45 3.46 0.00	26.51 3.38 0.00	29.85 3.33 -2.41	31.54 3.52 -2.16	32.92 3.96 -0.02	35.96 4.22 -0.28	41.51 5.00 -0.25	52.18 5.85 -6.77	62.92 7.15 -10.26	63.51 7.57 -6.81	55.73 6.60 -6.02	48.29 4.60 -9.06	39.08 4.10 -5.02	32.43 3.63 -3.62	28.82 3.36 -1.14

TILDEN___115KV_TB1 80814	21.66 0.15 0.00	19.59 0.14 0.00	18.40 0.09 0.00	17.77 0.09 0.00	17.69 0.07 0.00	18.83 0.11 0.00	24.22 0.33 0.00	26.61 0.26 0.00	24.82 0.17 0.00	23.97 -0.02 0.00	23.13 0.00 0.00	24.17 0.05 0.00	25.90 0.03 0.00	29.03 0.09 0.00	31.56 0.09 0.00	36.36 0.11 0.00	39.91 0.36 0.00	46.06 0.55 0.00	49.83 0.69 0.00	43.72 0.60 0.00	34.83 0.21 0.00	29.95 0.00 0.00	25.18 0.00 0.00	24.34 0.02 0.00
TRIGEN___CC 323695	22.71 1.20 0.00	20.29 0.84 0.00	19.06 0.75 0.00	18.26 0.58 0.00	18.34 0.72 0.00	19.65 0.94 0.00	25.68 1.79 0.00	28.64 2.29 0.00	26.94 2.29 0.00	26.06 2.06 0.00	25.19 2.06 0.00	28.58 2.05 -2.41	30.20 2.17 -2.16	31.30 2.34 -0.02	34.19 2.45 -0.27	39.36 2.86 -0.24	49.96 3.64 -6.76	60.18 4.41 -10.25	60.60 4.67 -6.80	53.22 4.10 -6.01	46.23 2.56 -9.05	37.27 2.31 -5.01	30.88 2.09 -3.61	27.38 1.92 -1.14
TRINITY__115KV__4 BK 55933	21.92 0.41 0.00	19.81 0.35 0.00	18.65 0.35 0.00	18.05 0.37 0.00	17.99 0.37 0.00	18.92 0.21 0.00	24.37 0.48 0.00	27.06 0.71 0.00	25.31 0.67 0.00	24.62 0.62 0.00	23.67 0.53 0.00	24.60 0.48 0.00	26.35 0.54 0.07	29.40 0.46 0.00	32.02 0.50 -0.06	36.63 0.54 0.17	40.74 1.15 -0.04	48.80 1.55 -1.74	51.28 1.67 -0.47	45.07 1.55 -0.41	35.45 0.83 0.00	30.63 0.66 -0.03	25.71 0.53 0.00	24.86 0.54 0.00
UNION___PROCESSING_DRP 323587	22.02 0.52 0.00	19.90 0.45 0.00	18.65 0.35 0.00	17.96 0.28 0.00	17.87 0.25 0.00	19.07 0.36 0.00	24.27 0.38 0.00	26.56 0.21 0.00	24.77 0.12 0.00	24.16 0.17 0.00	23.32 0.19 0.00	24.38 0.27 0.00	26.18 0.31 0.00	29.49 0.55 0.00	32.22 0.76 0.00	37.27 1.02 0.00	40.78 1.23 0.00	46.92 1.41 0.00	50.71 1.57 0.00	44.54 1.42 0.00	35.31 0.69 0.00	30.34 0.39 0.00	25.43 0.25 0.00	24.88 0.56 0.00
UPPER HUDSON___HYD 24058	22.26 0.75 0.00	20.08 0.62 0.00	18.89 0.59 0.00	18.24 0.57 0.00	18.13 0.51 0.00	19.20 0.49 0.00	24.87 0.98 0.00	27.80 1.45 0.00	25.93 1.28 0.00	25.27 1.27 0.00	24.31 1.18 0.00	25.25 1.13 1.09	26.88 1.09 0.07	30.10 1.16 0.00	32.84 1.32 -0.05	37.66 1.59 0.19	41.69 2.09 -0.04	50.19 3.00 -1.67	53.53 3.93 -0.45	46.95 3.45 -0.39	37.15 2.53 0.00	31.92 1.95 -0.02	26.61 1.43 0.00	25.63 1.31 0.00
UPPER RAQUET___HYD 24056	21.21 -0.30 0.00	19.24 -0.21 0.00	18.10 -0.20 0.00	17.47 -0.21 0.00	17.46 -0.16 0.00	18.61 -0.11 0.00	23.72 -0.17 0.00	26.19 -0.16 0.00	24.47 -0.17 0.00	23.85 -0.14 0.00	23.00 -0.14 0.00	24.07 -0.05 0.00	25.82 -0.05 0.00	29.00 0.06 0.00	31.46 0.00 0.00	36.44 0.18 0.00	39.16 -0.40 0.00	43.78 -1.73 0.00	47.22 -1.92 0.00	41.39 -1.73 0.00	34.34 -0.28 0.00	29.89 -0.06 0.00	25.20 0.03 0.00	24.25 -0.07 0.00
VALLEY44_115KV_TB2 355964	23.21 1.70 0.00	21.01 1.56 0.00	19.68 1.37 0.00	18.90 1.22 0.00	18.70 1.07 0.00	19.99 1.27 0.00	25.54 1.65 0.00	27.80 1.45 0.00	26.37 1.73 0.00	25.87 1.87 0.00	25.03 1.90 0.00	26.17 2.05 0.00	27.66 1.79 0.00	31.31 2.37 0.00	34.39 2.93 0.00	39.45 3.19 0.00	43.31 3.76 0.00	49.66 4.14 0.00	53.37 4.23 0.00	47.00 3.88 0.00	36.84 2.22 0.00	31.90 1.95 0.00	26.74 1.56 0.00	26.46 2.14 0.00
VALLEY___115KV_TB 1-4 80826	21.68 0.17 0.00	19.59 0.14 0.00	18.43 0.13 0.00	17.80 0.12 0.00	17.73 0.11 0.00	18.85 0.13 0.00	24.08 0.19 0.00	26.40 0.05 0.00	24.69 0.05 0.00	24.12 0.12 0.00	23.25 0.12 0.00	24.29 0.17 0.00	26.05 0.18 0.00	29.17 0.23 0.00	31.71 0.25 0.00	36.51 0.25 0.00	39.99 0.44 0.00	46.06 0.55 0.00	49.63 0.49 0.00	43.59 0.47 0.00	34.86 0.24 0.00	30.16 0.21 0.00	25.35 0.18 0.00	24.51 0.19 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	22.54 1.03 0.00	20.37 0.91 0.00	19.20 0.90 0.00	18.54 0.87 0.00	18.48 0.86 0.00	19.67 0.95 0.00	25.35 1.46 0.00	28.04 1.69 0.00	26.22 1.58 0.00	25.51 1.51 0.00	24.50 1.36 0.00	25.66 1.54 0.00	27.53 1.66 0.00	30.88 1.94 0.00	33.55 2.11 0.02	38.72 2.47 0.00	42.71 3.16 0.01	48.98 3.82 0.36	53.12 4.08 0.10	46.69 3.66 0.08	37.08 2.46 0.00	31.83 1.89 0.01	26.69 1.51 0.00	25.78 1.46 0.00
VISCHER___FERRY HYD 24020	22.15 0.64 0.00	20.04 0.58 0.00	18.85 0.55 0.00	18.24 0.57 0.00	18.17 0.55 0.00	19.24 0.52 0.00	24.85 0.96 0.00	27.59 1.24 0.00	25.80 1.16 0.00	25.08 1.08 0.00	24.08 0.95 0.00	25.03 0.92 0.00	26.73 0.96 0.09	29.95 1.01 0.00	32.61 1.10 -0.05	37.20 1.19 0.25	41.38 1.78 -0.04	49.76 2.50 -1.74	52.42 2.80 -0.48	46.06 2.54 -0.41	36.25 1.63 0.00	31.26 1.29 -0.03	26.23 1.06 0.00	25.29 0.97 0.00
V_A_10_SYNC_DSASP 323832	21.96 0.45 0.00	19.82 0.37 0.00	18.64 0.33 0.00	17.91 0.23 0.00	17.76 0.14 0.00	18.92 0.21 0.00	24.03 0.14 0.00	26.03 -0.32 0.00	24.30 -0.35 0.00	23.80 -0.19 0.00	23.02 -0.12 0.00	24.12 0.00 0.00	25.82 -0.05 0.00	29.20 0.26 0.00	31.94 0.47 0.00	36.94 0.69 0.00	40.50 0.95 0.00	46.24 0.73 0.00	50.02 0.89 0.00	43.89 0.78 0.00	34.62 0.00 0.00	29.83 -0.12 0.00	25.05 -0.13 0.00	24.85 0.53 0.00
V_CMM_10_SYNC_DSASP 323787	21.14 -0.37 0.00	19.18 -0.27 0.00	18.03 -0.27 0.00	17.41 -0.26 0.00	17.39 -0.23 0.00	18.47 -0.24 0.00	23.48 -0.41 0.00	25.95 -0.39 0.00	24.28 -0.37 0.00	23.66 -0.34 0.00	22.83 -0.30 0.00	23.80 -0.31 0.00	25.56 -0.31 0.00	28.62 -0.32 0.00	31.09 -0.38 0.00	35.93 -0.33 0.00	38.72 -0.83 0.00	44.05 -1.46 0.00	47.52 -1.62 0.00	41.65 -1.47 0.00	34.17 -0.45 0.00	29.62 -0.33 0.00	24.93 -0.25 0.00	24.03 -0.29 0.00
V_CMP_10_SYNC_DSASP 323788	20.86 -0.64 0.00	18.91 -0.54 0.00	17.77 -0.53 0.00	17.13 -0.55 0.00	17.18 -0.44 0.00	18.34 -0.37 0.00	23.51 -0.38 0.00	26.24 -0.10 0.00	24.67 0.02 0.00	24.19 0.19 0.00	23.50 0.37 0.00	24.60 0.48 0.00	26.44 0.57 0.00	29.66 0.72 0.00	32.22 0.75 0.00	37.34 1.09 0.00	40.35 0.79 0.00	46.10 0.59 0.00	49.53 0.39 0.00	43.20 0.09 0.00	35.35 0.73 0.00	30.46 0.51 0.00	25.68 0.50 0.00	24.73 0.41 0.00
V_E_10_SYNC_DSASP 323830	23.21 1.70 0.00	21.01 1.56 0.00	19.77 1.47 0.00	19.06 1.38 0.00	18.98 1.36 0.00	20.38 1.67 0.00	26.35 2.46 0.00	28.98 2.63 0.00	26.91 2.27 0.00	25.99 1.99 0.00	24.89 1.76 0.00	26.22 2.10 0.00	28.10 2.23 0.00	31.75 2.81 0.00	34.58 3.12 0.00	40.10 3.84 0.00	44.42 4.86 0.00	51.65 6.14 0.00	56.11 6.97 0.00	49.28 6.16 0.00	38.91 4.29 0.00	33.04 3.09 0.00	27.54 2.37 0.00	26.61 2.29 0.00
V_F_30_NSYNC___DSASP 323816	22.43 0.92 0.00	20.27 0.82 0.00	19.06 0.75 0.00	18.42 0.74 0.00	18.33 0.71 0.00	19.41 0.69 0.00	25.08 1.19 0.00	27.90 1.55 0.00	26.07 1.43 0.00	25.39 1.39 0.00	24.40 1.27 0.00	25.37 1.25 0.00	27.11 1.32 0.08	30.36 1.42 0.00	33.12 1.60 -0.05	37.91 1.85 0.20	42.09 2.49 -0.04	50.56 3.37 -1.68	53.53 3.93 -0.46	46.99 3.49 -0.39	37.04 2.42 0.00	31.89 1.92 -0.03	26.69 1.51 0.00	25.73 1.41 0.00

V_F_30_SYNC_DSASP 323786	22.00 0.49 0.00	19.88 0.43 0.00	18.73 0.42 0.00	18.10 0.42 0.00	18.04 0.42 0.00	18.98 0.26 0.00	24.44 0.55 0.00	27.14 0.79 0.00	25.38 0.74 0.00	24.72 0.72 0.00	23.76 0.62 0.00	24.70 0.58 0.00	26.45 0.65 0.07	29.52 0.58 0.00	32.15 0.63 -0.06	36.80 0.73 0.18	40.94 1.34 -0.04	49.02 1.77 -1.73	51.58 1.97 -0.47	45.33 1.81 -0.40	35.66 1.04 0.00	30.78 0.81 -0.03	25.81 0.63 0.00	24.95 0.63 0.00
V_XM_10_SYNC_DSASP 323789	20.86 -0.64 0.00	18.91 -0.54 0.00	17.77 -0.53 0.00	17.13 -0.55 0.00	17.18 -0.44 0.00	18.34 -0.37 0.00	23.51 -0.38 0.00	26.24 -0.10 0.00	24.67 0.02 0.00	24.19 0.19 0.00	23.50 0.37 0.00	24.60 0.48 0.00	26.44 0.57 0.00	29.66 0.72 0.00	32.22 0.75 0.00	37.34 1.09 0.00	40.35 0.79 0.00	46.10 0.59 0.00	49.53 0.39 0.00	43.20 0.09 0.00	35.35 0.73 0.00	30.46 0.51 0.00	25.68 0.50 0.00	24.73 0.41 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	22.50 0.99 0.00	20.18 0.72 0.00	19.00 0.70 0.00	18.31 0.64 0.00	18.25 0.63 0.00	19.47 0.75 0.00	25.20 1.31 0.00	27.98 1.63 0.00	26.32 1.68 0.00	25.53 1.54 0.00	24.57 1.43 0.00	25.54 1.42 0.00	27.46 1.53 -0.06	30.59 1.65 0.00	33.00 1.82 0.29	38.46 2.10 -0.10	42.33 2.93 0.15	52.40 3.60 -3.29	51.22 3.73 1.65	44.98 3.28 1.41	36.49 1.87 0.00	31.51 1.65 0.09	26.66 1.49 0.00	25.63 1.31 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	22.60 1.10 0.00	20.27 0.82 0.00	19.07 0.77 0.00	18.37 0.69 0.00	18.33 0.70 0.00	19.58 0.86 0.00	25.49 1.60 0.00	28.33 1.98 0.00	26.76 2.12 0.00	26.01 2.02 0.00	25.01 1.87 0.00	26.02 1.91 0.00	27.93 1.99 -0.07	31.02 2.08 0.00	33.94 2.20 -0.27	38.93 2.43 -0.24	42.99 3.32 -0.11	53.56 4.10 -3.95	54.60 4.23 -1.24	47.83 3.66 -1.06	36.77 2.15 0.00	31.93 1.92 -0.07	26.96 1.79 0.00	25.85 1.53 0.00
W50THST__13_KV_LOAD 356117	22.69 1.18 0.00	20.35 0.89 0.00	19.15 0.84 0.00	18.42 0.74 0.00	18.38 0.76 0.00	19.65 0.94 0.00	25.59 1.70 0.00	28.48 2.13 0.00	26.91 2.27 0.00	26.16 2.16 0.00	25.15 2.01 0.00	26.19 2.07 0.00	28.11 2.17 -0.07	31.23 2.29 0.00	34.16 2.42 -0.27	39.11 2.61 -0.24	43.22 3.56 -0.11	53.83 4.37 -3.95	54.85 4.47 -1.24	48.05 3.88 -1.06	36.91 2.29 0.00	32.05 2.04 -0.07	27.07 1.89 0.00	25.95 1.63 0.00
WADING RIVER_IC_1 23522	23.36 1.85 0.00	20.84 1.38 0.00	19.57 1.26 0.00	18.67 0.99 0.00	18.84 1.21 0.00	20.27 1.55 0.00	26.61 2.72 0.00	30.00 3.64 -0.01	28.20 3.55 -0.01	27.16 3.17 0.00	26.26 3.12 -0.01	29.56 3.04 -2.41	31.23 3.21 -2.16	32.57 3.62 -0.02	35.21 3.46 -0.28	39.77 3.26 -0.25	50.40 4.07 -6.77	61.51 5.73 -10.26	61.54 5.60 -6.81	54.35 5.21 -6.02	47.66 3.98 -9.06	38.39 3.41 -5.02	32.02 3.22 -3.62	28.50 3.04 -1.14
WADING RIVER_IC_2 23547	23.36 1.85 0.00	20.84 1.38 0.00	19.57 1.26 0.00	18.67 0.99 0.00	18.84 1.21 0.00	20.27 1.55 0.00	26.61 2.72 0.00	30.00 3.64 -0.01	28.20 3.55 -0.01	27.16 3.17 0.00	26.26 3.12 -0.01	29.56 3.04 -2.41	31.23 3.21 -2.16	32.57 3.62 -0.02	35.21 3.46 -0.28	39.77 3.26 -0.25	50.40 4.07 -6.77	61.51 5.73 -10.26	61.54 5.60 -6.81	54.35 5.21 -6.02	47.66 3.98 -9.06	38.39 3.41 -5.02	32.02 3.22 -3.62	28.50 3.04 -1.14
WADING RIVER_IC_3 23601	23.36 1.85 0.00	20.84 1.38 0.00	19.57 1.26 0.00	18.67 0.99 0.00	18.84 1.21 0.00	20.27 1.55 0.00	26.61 2.72 0.00	30.00 3.64 -0.01	28.20 3.55 -0.01	27.16 3.17 0.00	26.26 3.12 -0.01	29.56 3.04 -2.41	31.23 3.21 -2.16	32.57 3.62 -0.02	35.21 3.46 -0.28	39.77 3.26 -0.25	50.40 4.07 -6.77	61.51 5.73 -10.26	61.54 5.60 -6.81	54.35 5.21 -6.02	47.66 3.98 -9.06	38.39 3.41 -5.02	32.02 3.22 -3.62	28.50 3.04 -1.14
WALDENNY_12_KV_BK2 80841	22.78 1.27 0.00	20.64 1.19 0.00	19.33 1.03 0.00	18.54 0.87 0.00	18.34 0.72 0.00	19.56 0.84 0.00	24.89 1.00 0.00	26.96 0.61 0.00	25.09 0.44 0.00	24.67 0.67 0.00	23.90 0.76 0.00	25.08 0.96 0.00	26.93 1.06 0.00	30.50 1.56 0.00	33.45 1.98 0.00	38.61 2.36 0.00	42.20 2.65 0.00	48.38 2.87 0.00	52.09 2.95 0.00	45.83 2.72 0.00	36.01 1.38 0.00	31.00 1.05 0.00	25.98 0.81 0.00	25.85 1.53 0.00
WALDEN__HYDRO 24148	22.48 0.97 0.00	20.21 0.76 0.00	19.02 0.71 0.00	18.33 0.65 0.00	18.24 0.62 0.00	19.41 0.69 0.00	25.11 1.22 0.00	27.82 1.47 0.00	26.10 1.45 0.00	25.29 1.29 0.00	24.34 1.20 0.00	25.30 1.18 0.00	27.21 1.29 -0.05	30.39 1.45 0.00	33.04 1.64 0.06	38.15 1.78 -0.12	41.97 2.45 0.04	52.38 3.23 -3.64	52.11 3.39 0.41	45.73 2.97 0.35	36.32 1.70 0.00	31.45 1.53 0.02	26.59 1.41 0.00	25.58 1.26 0.00
WARRENSBURG____ 23737	22.26 0.75 0.00	20.08 0.62 0.00	18.89 0.59 0.00	18.24 0.57 0.00	18.13 0.51 0.00	19.20 0.49 0.00	24.87 0.98 0.00	27.80 1.45 0.00	25.93 1.28 0.00	25.27 1.27 0.00	24.31 1.18 0.00	25.25 1.13 0.00	26.88 1.09 0.07	30.10 1.16 0.00	32.84 1.32 -0.05	37.66 1.59 0.19	41.69 2.09 -0.04	50.19 3.00 -1.67	53.53 3.93 -0.45	46.95 3.45 -0.39	37.15 2.53 0.00	31.92 1.95 -0.02	26.61 1.43 0.00	25.63 1.31 0.00
WATERSIDE____6 8 9 23538	22.71 1.20 0.00	20.37 0.91 0.00	19.17 0.86 0.00	18.46 0.78 0.00	18.41 0.79 0.00	19.65 0.94 0.00	25.59 1.70 0.00	28.40 2.06 0.00	29.74 2.17 -2.93	30.69 2.06 -4.63	28.42 1.92 -3.37	30.69 1.95 -4.62	31.67 2.07 -3.73	31.64 2.17 -0.53	34.03 2.30 -0.27	39.00 2.50 -0.24	42.91 3.24 -0.11	53.42 3.96 -3.95	54.41 4.03 -1.24	47.62 3.45 -1.06	36.84 2.22 0.00	32.08 2.07 -0.07	27.07 1.89 0.00	25.97 1.65 0.00
WATKINRD_115KV_LN8_ILLION 55919	21.66 0.15 0.00	19.57 0.12 0.00	18.42 0.11 0.00	17.78 0.11 0.00	17.73 0.11 0.00	18.83 0.11 0.00	24.06 0.17 0.00	26.45 0.11 0.00	24.74 0.10 0.00	24.14 0.14 0.00	23.25 0.12 0.00	24.29 0.17 0.00	26.05 0.18 0.00	29.14 0.20 0.00	31.68 0.22 0.00	36.51 0.25 0.00	39.99 0.44 0.00	46.06 0.55 0.00	49.73 0.59 0.00	43.63 0.52 0.00	34.90 0.28 0.00	30.16 0.21 0.00	25.35 0.18 0.00	24.49 0.17 0.00
WATSON____69_KV_BK 1 55734	23.40 1.89 0.00	20.86 1.40 0.00	19.59 1.28 0.00	18.69 1.01 0.00	18.85 1.23 0.00	20.29 1.57 0.00	26.66 2.77 0.00	29.89 3.53 -0.01	28.10 3.45 -0.01	27.07 3.07 0.00	26.21 3.08 0.00	29.56 3.04 -2.41	31.21 3.18 -2.16	32.54 3.59 -0.02	35.55 3.81 -0.28	41.00 4.50 -0.25	51.70 5.38 -6.77	62.28 6.51 -10.26	62.82 6.88 -6.80	55.16 6.04 -6.02	47.80 4.12 -9.06	38.74 3.77 -5.02	32.12 3.32 -3.62	28.53 3.06 -1.14
WDELAWARE__HYD 323627	22.17 0.67 0.00	19.96 0.51 0.00	18.78 0.48 0.00	18.09 0.41 0.00	17.97 0.35 0.00	19.13 0.41 0.00	24.73 0.84 0.00	27.48 1.13 0.00	25.73 1.08 0.00	24.91 0.91 0.00	23.99 0.86 0.00	24.96 0.84 0.00	26.83 0.93 -0.03	30.04 1.10 0.00	32.69 1.26 0.04	37.70 1.38 -0.07	41.51 1.98 0.02	48.56 2.59 -0.46	51.59 2.70 0.25	45.27 2.37 0.21	35.87 1.24 0.00	31.10 1.17 0.01	26.31 1.13 0.00	25.29 0.97 0.00



WEST BABYLON___IC 23714	23.29 1.79 0.00	20.78 1.32 0.00	19.50 1.19 0.00	18.62 0.94 0.00	18.77 1.15 0.00	20.16 1.44 0.00	26.47 2.58 0.00	29.65 3.29 -0.01	27.90 3.25 -0.01	26.90 2.90 0.00	26.02 2.89 0.00	29.42 2.89 -2.41	31.05 3.03 -2.16	32.31 3.36 -0.02	35.29 3.56 -0.27	40.67 4.17 -0.24	51.42 5.10 -6.76	61.96 6.19 -10.25	62.52 6.58 -6.80	54.86 5.73 -6.01	47.52 3.84 -9.05	38.47 3.50 -5.01	31.89 3.10 -3.61	28.33 2.87 -1.14
WEST CANADA___HYD 24049	21.55 0.04 0.00	19.49 0.04 0.00	18.34 0.04 0.00	17.71 0.04 0.00	17.66 0.04 0.00	18.75 0.04 0.00	23.94 0.05 0.00	26.40 0.05 0.00	24.69 0.05 0.00	24.07 0.07 0.00	23.20 0.07 0.00	24.19 0.07 0.00	25.95 0.08 0.00	29.03 0.09 0.00	31.56 0.09 0.00	36.36 0.11 0.00	39.75 0.20 0.00	45.87 0.36 0.00	49.49 0.35 0.00	43.46 0.34 0.00	34.76 0.14 0.00	30.04 0.09 0.00	25.25 0.08 0.00	24.39 0.07 0.00
WESTERN_NY_WIND 24143	22.69 1.18 0.00	20.47 1.01 0.00	19.24 0.93 0.00	18.49 0.81 0.00	18.34 0.72 0.00	19.56 0.84 0.00	24.85 0.96 0.00	26.82 0.47 0.00	25.02 0.37 0.00	24.50 0.50 0.00	23.69 0.55 0.00	24.79 0.67 0.00	26.62 0.75 0.00	30.13 1.19 0.00	33.04 1.57 0.00	38.28 2.03 0.00	42.09 2.53 0.00	48.10 2.59 0.00	52.03 2.90 0.00	45.65 2.54 0.00	35.90 1.28 0.00	30.91 0.96 0.00	25.86 0.68 0.00	25.73 1.41 0.00
WESTOVER___LESR 323668	22.11 0.60 0.00	20.00 0.54 0.00	18.78 0.48 0.00	18.12 0.44 0.00	18.04 0.42 0.00	19.19 0.47 0.00	24.63 0.74 0.00	27.09 0.74 0.00	25.34 0.69 0.00	24.64 0.65 0.00	23.78 0.65 0.00	24.82 0.70 0.00	26.59 0.72 0.00	29.87 0.93 0.00	32.56 1.10 0.00	37.56 1.31 0.00	41.26 1.70 0.00	47.56 2.05 0.00	51.35 2.21 0.00	45.10 1.98 0.00	35.76 1.14 0.00	30.79 0.84 0.00	25.86 0.68 0.00	25.10 0.78 0.00
WETHRSFD_WT_PWR 323626	22.56 1.05 0.00	20.39 0.93 0.00	19.15 0.84 0.00	18.40 0.73 0.00	18.24 0.62 0.00	19.47 0.75 0.00	24.82 0.93 0.00	26.96 0.61 0.00	25.16 0.52 0.00	24.62 0.62 0.00	23.85 0.72 0.00	24.98 0.87 0.00	26.78 0.91 0.00	30.21 1.27 0.00	33.10 1.64 0.00	38.21 1.96 0.00	42.01 2.45 0.00	48.06 2.55 0.00	51.99 2.85 0.00	45.61 2.50 0.00	35.87 1.24 0.00	30.88 0.93 0.00	25.93 0.75 0.00	25.68 1.36 0.00
WHAVSTOR_138KV_BK127 55557	22.41 0.90 0.00	20.10 0.64 0.00	18.93 0.62 0.00	18.24 0.57 0.00	18.20 0.58 0.00	19.41 0.69 0.00	25.13 1.24 0.00	27.88 1.53 0.00	26.25 1.60 0.00	25.48 1.49 0.00	24.52 1.39 0.00	25.49 1.37 0.00	27.38 1.45 -0.06	30.50 1.56 0.00	32.87 1.70 0.29	38.28 1.92 -0.10	42.14 2.73 0.15	52.17 3.41 -3.24	50.96 3.49 1.66	44.75 3.06 1.42	36.35 1.73 0.00	31.39 1.53 0.09	26.56 1.38 0.00	25.51 1.19 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	22.41 0.90 0.00	20.10 0.64 0.00	18.93 0.62 0.00	18.24 0.57 0.00	18.20 0.58 0.00	19.41 0.69 0.00	25.13 1.24 0.00	27.88 1.53 0.00	26.25 1.60 0.00	25.48 1.49 0.00	24.52 1.39 0.00	25.49 1.37 0.00	27.38 1.45 -0.06	30.50 1.56 0.00	32.87 1.70 0.29	38.28 1.92 -0.10	42.14 2.73 0.15	52.17 3.41 -3.24	50.96 3.49 1.66	44.75 3.06 1.42	36.35 1.73 0.00	31.39 1.53 0.09	26.56 1.38 0.00	25.51 1.19 0.00
WHITEHAL_115KV_TB1 80871	22.52 1.01 0.00	20.29 0.84 0.00	19.09 0.79 0.00	18.44 0.76 0.00	18.31 0.69 0.00	19.41 0.69 0.00	25.18 1.29 0.00	28.22 1.87 0.00	26.27 1.63 0.00	25.63 1.63 0.00	24.66 1.53 0.00	25.61 1.50 0.00	27.32 1.53 0.07	30.56 1.62 0.00	33.37 1.86 -0.05	38.38 2.32 0.19	42.64 3.05 -0.04	51.15 3.96 -1.68	54.51 4.91 -0.46	47.90 4.40 -0.39	37.81 3.19 0.00	32.46 2.49 -0.02	27.02 1.84 0.00	26.05 1.73 0.00
WHITEPLN_13_KV_LOAD 356215	22.67 1.16 0.00	20.35 0.89 0.00	19.15 0.84 0.00	18.44 0.76 0.00	18.43 0.81 0.00	19.73 1.01 0.00	25.66 1.77 0.00	28.38 2.03 0.00	26.74 2.09 0.00	25.96 1.97 0.00	24.98 1.85 0.00	25.97 1.86 0.00	27.96 2.02 -0.07	31.08 2.14 0.00	34.04 2.30 -0.28	39.14 2.65 -0.24	43.23 3.56 -0.11	53.95 4.41 -4.03	55.03 4.62 -1.27	48.21 4.01 -1.09	37.01 2.39 0.00	32.12 2.10 -0.07	26.96 1.79 0.00	25.93 1.61 0.00
WM_FLOYD_69_KV_BK2 356380	23.31 1.81 0.00	20.80 1.34 0.00	19.55 1.24 0.00	18.65 0.97 0.00	18.82 1.20 0.00	20.25 1.53 0.00	26.61 2.72 0.00	29.92 3.56 -0.01	28.13 3.47 -0.01	27.07 3.07 0.00	26.16 3.03 0.00	29.47 2.94 -2.41	31.16 3.13 -2.16	32.49 3.53 -0.02	35.46 3.71 -0.28	40.90 4.39 -0.25	51.55 5.22 -6.77	62.15 6.37 -10.26	62.68 6.73 -6.81	55.00 5.86 -6.02	47.73 4.05 -9.06	38.63 3.65 -5.02	32.07 3.27 -3.62	28.48 3.02 -1.14
WOODARD___115KV_TB2 355635	21.57 0.06 0.00	19.51 0.06 0.00	18.32 0.02 0.00	17.70 0.02 0.00	17.62 0.00 0.00	18.75 0.04 0.00	24.11 0.22 0.00	26.48 0.13 0.00	24.69 0.05 0.00	23.80 -0.19 0.00	22.99 -0.14 0.00	24.00 -0.12 0.00	25.74 -0.13 0.00	28.82 -0.12 0.00	31.34 -0.13 0.00	36.11 -0.15 0.00	39.59 0.04 0.00	45.69 0.18 0.00	49.43 0.29 0.00	43.33 0.22 0.00	34.55 -0.07 0.00	29.74 -0.21 0.00	25.00 -0.18 0.00	24.20 -0.12 0.00
YORK___WARBASSE 23770	22.82 1.31 0.00	20.45 0.99 0.00	19.24 0.93 0.00	18.53 0.85 0.00	18.47 0.85 0.00	19.69 0.97 0.00	25.63 1.74 0.00	28.48 2.13 0.00	29.81 2.24 -2.93	30.79 2.16 -4.63	28.49 1.99 -3.37	30.79 2.05 -4.62	31.77 2.17 -3.73	31.78 2.32 -0.53	34.22 2.49 -0.27	39.18 2.68 -0.24	43.03 3.36 -0.11	53.70 4.23 -3.95	54.65 4.28 -1.24	47.83 3.66 -1.06	36.98 2.35 0.00	32.23 2.22 -0.07	27.14 1.96 0.00	26.07 1.75 0.00