

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		11/25/2024																										
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
59TH STREET_GT_1 24138	EST	31.67	30.78	29.87	29.36	30.06	33.57	44.49	52.40	41.90	35.34	31.89	31.31	31.12	32.42	35.96	43.79	51.19	60.66	53.33	45.63	42.11	38.38	36.30	33.51			
		2.18	2.04	1.95	1.79	1.70	1.93	2.79	3.75	3.07	2.71	2.42	2.29	2.31	2.46	2.73	3.39	4.05	4.70	4.17	3.58	2.96	2.82	2.58	2.39			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.06	-0.94	-3.91	-2.40	-1.82	-0.86		
74TH STREET_GT_1 24260	EST	31.81	30.89	29.98	29.44	30.14	33.67	44.62	52.55	41.98	35.40	32.00	31.40	31.21	32.54	36.03	43.83	51.29	60.77	53.43	45.76	42.18	38.48	36.43	33.63			
		2.33	2.16	2.07	1.87	1.79	2.03	2.92	3.89	3.15	2.77	2.53	2.38	2.39	2.58	2.79	3.43	4.15	4.81	4.27	3.70	3.03	2.92	2.71	2.51			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.06	-0.94	-3.91	-2.40	-1.82	-0.86			
74TH STREET_GT_2 24261	EST	31.81	30.89	29.98	29.44	30.14	33.67	44.62	52.55	41.98	35.40	32.00	31.40	31.21	32.54	36.03	43.83	51.29	60.77	53.43	45.76	42.18	38.48	36.43	33.63			
		2.33	2.16	2.07	1.87	1.79	2.03	2.92	3.89	3.15	2.77	2.53	2.38	2.39	2.58	2.79	3.43	4.15	4.81	4.27	3.70	3.03	2.92	2.71	2.51			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.06	-0.94	-3.91	-2.40	-1.82	-0.86			
ADK HUDSON___FALLS 24011	EST	30.87	30.12	29.20	28.75	29.58	33.22	44.08	51.52	40.85	34.10	30.62	30.07	29.82	31.10	34.57	42.25	49.45	58.93	51.77	44.22	41.47	37.47	35.50	33.16			
		1.39	1.38	1.28	1.19	1.22	1.58	2.38	2.87	2.02	1.47	1.15	1.04	1.01	1.14	1.33	1.86	2.31	2.96	2.60	2.01	1.69	1.53	1.50	1.91			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-0.07	-1.09	-4.53	-2.79	-2.11	-1.00			
ADK RESOURCE___RCVRY 23798	EST	30.96	30.20	29.28	28.83	29.66	33.35	44.33	51.72	41.04	34.23	30.68	30.15	29.91	31.19	34.66	42.37	49.64	59.21	52.02	44.39	41.61	37.57	35.60	33.29			
		1.47	1.46	1.37	1.27	1.31	1.71	2.63	3.07	2.21	1.60	1.21	1.13	1.09	1.23	1.43	1.98	2.50	3.24	2.85	2.18	1.83	1.62	1.59	2.03			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-0.07	-1.09	-4.54	-2.79	-2.11	-1.00			
ADK S GLENS___FALLS 24028	EST	30.87	30.12	29.20	28.75	29.58	33.22	44.08	51.52	40.85	34.10	30.62	30.07	29.82	31.10	34.57	42.25	49.45	58.93	51.77	44.22	41.47	37.47	35.50	33.16			
		1.39	1.38	1.28	1.19	1.22	1.58	2.38	2.87	2.02	1.47	1.15	1.04	1.01	1.14	1.33	1.86	2.31	2.96	2.60	2.01	1.69	1.53	1.50	1.91			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-0.07	-1.09	-4.53	-2.79	-2.11	-1.00			
ADK_NYS___DAM 23527	EST	31.16	30.37	29.42	29.05	29.80	33.41	44.29	51.86	41.04	34.20	30.80	30.30	30.08	31.49	35.00	42.94	50.25	59.65	52.46	44.85	42.02	38.06	35.96	33.02			
		1.68	1.64	1.51	1.49	1.45	1.77	2.59	3.21	2.21	1.57	1.33	1.28	1.27	1.53	1.76	2.55	3.11	3.69	3.29	2.67	2.36	2.19	2.01	1.78			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-0.06	-1.07	-4.41	-2.71	-2.05	-0.97			
AIR_PRODUCTS___DRP 24190	EST	29.87	29.17	28.33	27.95	28.67	31.96	42.20	49.38	39.26	32.86	29.76	29.28	29.07	30.26	33.54	40.92	47.80	56.91	50.00	42.84	40.23	36.44	34.43	31.63			
		0.38	0.43	0.42	0.39	0.31	0.32	0.50	0.73	0.43	0.23	0.29	0.26	0.26	0.30	0.30	0.53	0.66	0.95	0.83	0.66	0.56	0.56	0.48	0.39			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-0.06	-1.07	-4.42	-2.72	-2.05	-0.97			
AKWESSNE_115KV_BK 355683	EST	26.86	26.81	26.16	26.24	27.14	30.72	41.16	48.17	37.98	31.81	29.06	28.76	28.73	29.99	33.20	39.91	46.76	55.93	48.71	41.13	35.04	32.28	30.66	29.31			
		-2.62	-1.93	-1.76	-1.32	-1.22	-0.92	-0.54	-0.49	-0.85	-0.82	-0.41	-0.26	-0.09	0.03	-0.03	-0.48	-0.38	0.00	-0.39	0.00	-0.28	-0.93	-1.28	-0.97			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.08	-0.05	-0.04	-0.02			
ALBANY_1_SOLAR 323833	EST	30.40	29.66	28.84	28.45	29.21	32.59	43.07	50.21	39.80	33.18	29.91	29.43	29.22	30.47	33.94	41.52	48.55	57.87	50.84	43.48	40.73	36.93	34.88	32.10			
		0.92	0.92	0.92	0.88	0.85	0.95	1.37	1.56	0.97	0.55	0.44	0.41	0.40	0.51	0.70	1.13	1.41	1.90	1.67	1.32	1.13	1.09	0.96	0.88			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.06	-1.05	-4.36	-2.68	-2.02	-0.96		
ALBANY_2_SOLAR 323834	EST	30.40	29.66	28.84	28.42	29.21	32.59	43.07	50.21	39.80	33.18	29.91	29.43	29.22	30.47	33.94	41.52	48.55	57.87	50.84	43.44	40.73	36.93	34.85	32.10			
		0.92	0.92	0.92	0.86	0.85	0.95	1.37	1.56	0.97	0.55	0.44	0.41	0.40	0.51	0.70	1.13	1.41	1.90	1.67	1.28	1.13	1.09	0.93	0.88			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.06	-1.05	-4.36	-2.68	-2.02	-0.96		
ALBANY___1 23571	EST	29.87	29.17	28.33	27.95	28.67	31.96	42.20	49.38	39.26	32.86	29.76	29.28	29.07	30.26	33.54	40.92	47.80	56.91	50.00	42.84	40.23	36.44	34.43	31.63			
		0.38	0.43	0.42	0.39	0.31	0.32	0.50	0.73	0.43	0.23	0.29	0.26	0.26	0.30	0.30	0.53	0.66	0.95	0.83	0.66	0.56	0.56	0.48	0.39			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-0.06	-1.07	-4.42	-2.72	-2.05	-0.97			

ALBANY___2 23572	29.87 0.38 0.00	29.17 0.43 0.00	28.33 0.42 0.00	27.95 0.39 0.00	28.67 0.31 0.00	31.96 0.32 0.00	42.20 0.50 0.00	49.38 0.73 0.00	39.26 0.43 0.00	32.86 0.23 0.00	29.76 0.29 0.00	29.28 0.26 0.00	29.07 0.26 0.00	30.26 0.30 0.00	33.54 0.30 0.00	40.92 0.53 0.00	47.80 0.66 0.00	56.91 0.95 -0.04	50.00 0.83 -0.06	42.84 0.66 -1.07	40.23 0.56 -4.42	36.44 0.56 -2.72	34.43 0.48 -2.05	31.63 0.39 -0.97
ALBANY___3 23573	29.87 0.38 0.00	29.17 0.43 0.00	28.33 0.42 0.00	27.95 0.39 0.00	28.67 0.31 0.00	31.96 0.32 0.00	42.20 0.50 0.00	49.38 0.73 0.00	39.26 0.43 0.00	32.86 0.23 0.00	29.76 0.29 0.00	29.28 0.26 0.00	29.07 0.26 0.00	30.26 0.30 0.00	33.54 0.30 0.00	40.92 0.53 0.00	47.80 0.66 0.00	56.91 0.95 -0.04	50.00 0.83 -0.06	42.84 0.66 -1.07	40.23 0.56 -4.42	36.44 0.56 -2.72	34.43 0.48 -2.05	31.63 0.39 -0.97
ALBANY___4 23574	29.87 0.38 0.00	29.17 0.43 0.00	28.33 0.42 0.00	27.95 0.39 0.00	28.67 0.31 0.00	31.96 0.32 0.00	42.20 0.50 0.00	49.38 0.73 0.00	39.26 0.43 0.00	32.86 0.23 0.00	29.76 0.29 0.00	29.28 0.26 0.00	29.07 0.26 0.00	30.26 0.30 0.00	33.54 0.30 0.00	40.92 0.53 0.00	47.80 0.66 0.00	56.91 0.95 -0.04	50.00 0.83 -0.06	42.84 0.66 -1.07	40.23 0.56 -4.42	36.44 0.56 -2.72	34.43 0.48 -2.05	31.63 0.39 -0.97
ALBANY___LFGE 323615	30.13 0.65 0.00	29.37 0.63 0.00	28.58 0.67 0.00	28.20 0.63 0.00	28.92 0.57 0.00	32.27 0.63 0.00	42.66 0.96 0.00	49.82 1.17 0.00	39.65 0.82 0.00	33.18 0.55 0.00	30.00 0.53 0.00	29.55 0.52 0.00	29.33 0.52 0.00	30.53 0.57 0.00	33.90 0.66 0.00	41.36 0.97 0.00	48.32 1.18 0.00	57.47 1.51 -0.04	50.54 1.37 -0.06	43.26 1.07 -1.07	40.65 0.95 -4.45	36.79 0.90 -2.74	34.73 0.76 -2.07	31.94 0.70 -0.98
ALCOA_PA_115KV_PL-6C 55860	27.01 -2.48 0.00	26.93 -1.81 0.00	26.30 -1.62 0.00	26.38 -1.19 0.00	27.31 -1.05 0.00	30.91 -0.73 0.00	41.41 -0.29 0.00	48.46 -0.19 0.00	38.25 -0.58 0.00	32.04 -0.59 0.00	29.23 -0.24 0.00	28.96 -0.06 0.00	28.93 0.12 0.00	30.20 0.24 0.00	33.40 0.17 0.00	40.19 -0.20 0.00	47.05 -0.09 0.00	56.32 0.39 0.00	49.06 -0.05 0.00	41.42 0.29 -0.02	35.29 -0.04 -0.08	32.48 -0.73 -0.05	30.82 -1.12 -0.04	29.46 -0.82 -0.02
ALCOA_RYNLDS___DRP 24188	27.01 -2.48 0.00	26.93 -1.81 0.00	26.30 -1.62 0.00	26.38 -1.19 0.00	27.31 -1.05 0.00	30.91 -0.73 0.00	41.41 -0.29 0.00	48.46 -0.19 0.00	38.25 -0.58 0.00	32.04 -0.59 0.00	29.23 -0.24 0.00	28.96 -0.06 0.00	28.93 0.12 0.00	30.20 0.24 0.00	33.40 0.17 0.00	40.19 -0.20 0.00	47.05 -0.09 0.00	56.32 0.39 0.00	49.06 -0.05 0.00	41.42 0.29 -0.02	35.29 -0.04 -0.08	32.48 -0.73 -0.05	30.82 -1.12 -0.04	29.46 -0.82 -0.02
ALCOA___DSASP 323711	26.98 -2.51 0.00	26.75 -1.98 0.00	26.30 -1.62 0.00	26.38 -1.18 0.00	27.03 -1.33 0.00	30.91 -0.73 0.00	41.41 -0.29 0.00	48.46 -0.19 0.00	38.25 -0.58 0.00	32.04 -0.59 0.00	29.23 -0.24 0.00	28.96 -0.06 0.00	28.93 0.12 0.00	30.20 0.24 0.00	33.40 0.17 0.00	40.19 -0.20 0.00	47.05 -0.09 0.00	56.32 0.39 0.00	49.06 -0.05 0.00	41.43 0.29 -0.02	35.29 -0.04 -0.08	32.48 -0.73 -0.05	30.82 -1.12 -0.04	29.46 -0.82 -0.02
ALLEGHENY___COGEN 23514	29.81 0.32 0.00	28.91 0.17 0.00	27.97 0.06 0.00	27.78 0.22 0.00	28.84 0.48 0.00	32.21 0.57 0.00	42.53 0.83 0.00	49.19 0.54 0.00	39.53 0.70 0.00	33.32 0.69 0.00	29.79 0.32 0.00	29.31 0.29 0.00	28.90 0.09 0.00	29.90 -0.06 0.00	33.30 0.07 0.00	40.03 -0.36 0.00	46.62 -0.52 0.00	55.43 -0.50 -0.01	49.02 -0.10 -0.01	41.15 -0.12 -0.16	35.84 -0.07 -0.66	33.50 -0.07 -0.41	31.76 -0.45 -0.31	30.08 -0.33 -0.15
ALTAMONT_115KV_TB 2 55880	30.22 0.74 0.00	29.46 0.72 0.00	28.61 0.70 0.00	28.23 0.66 0.00	28.98 0.62 0.00	32.37 0.73 0.00	42.74 1.04 0.00	49.97 1.31 0.00	39.76 0.93 0.00	33.32 0.69 0.00	30.09 0.62 0.00	29.60 0.58 0.00	29.39 0.58 0.00	30.62 0.66 0.00	33.97 0.73 0.00	41.45 1.05 0.00	48.41 1.27 0.00	57.59 1.62 -0.04	50.59 1.42 -0.06	43.37 1.19 -1.07	40.68 1.02 -4.41	36.84 0.96 -2.71	34.81 0.86 -2.05	32.02 0.79 -0.97
ALTONA_WT_PWR 323606	26.36 -3.13 0.00	26.24 -2.50 0.00	25.79 -2.12 0.00	25.91 -1.65 0.00	26.60 -1.76 0.00	30.50 -1.14 0.00	41.03 -0.67 0.00	48.12 -0.53 0.00	38.01 -0.82 0.00	31.94 -0.69 0.00	29.20 -0.27 0.00	28.99 -0.03 0.00	28.99 0.17 0.00	30.32 0.36 0.00	33.60 0.37 0.00	40.52 0.12 0.00	47.47 0.33 0.00	56.82 0.89 0.00	49.50 0.39 0.00	41.75 0.62 -0.02	35.57 0.25 -0.08	32.71 -0.50 -0.05	30.98 -0.96 -0.04	29.58 -0.69 -0.02
AMERICAN_REF_FUEL 24010	27.81 -1.68 0.00	26.84 -1.90 0.00	25.88 -2.04 0.00	25.86 -1.71 0.00	26.85 -1.50 0.00	29.65 -1.99 0.00	38.78 -2.92 0.00	43.89 -4.77 0.00	35.88 -2.95 0.00	30.93 -1.70 0.00	27.94 -1.53 0.00	27.66 -1.36 0.00	27.43 -1.38 0.00	28.17 -1.80 0.00	31.18 -2.06 0.00	36.76 -3.64 0.00	42.00 -5.14 0.00	49.28 -6.66 0.00	43.47 -5.65 -0.01	36.47 -4.77 -0.12	31.85 -3.88 -0.49	30.28 -3.18 -0.30	28.91 -3.22 -0.23	27.79 -2.60 -0.13
ARKWRIGHT___SUMMIT_WT_PWR 323751	29.28 -0.20 0.00	28.31 -0.43 0.00	27.27 -0.64 0.00	27.32 -0.25 0.00	28.36 0.00 0.00	31.36 -0.29 0.00	41.16 -0.54 0.00	46.75 -1.90 0.00	38.09 -0.74 0.00	32.73 0.10 0.00	29.50 0.03 0.00	29.23 0.20 0.00	28.93 0.12 0.00	29.69 -0.27 0.00	32.80 -0.43 0.00	38.70 -1.70 0.00	44.26 -2.88 0.00	51.74 -4.20 -0.01	45.38 -3.73 -0.01	37.68 -3.58 -0.14	32.85 -2.96 -0.56	30.82 -2.69 -0.35	29.32 -2.84 -0.26	27.93 -2.48 -0.15
ARTHUR KILL_GT_1 23520	31.73 2.24 -0.01	30.82 2.07 -0.01	29.93 2.01 -0.01	29.36 1.79 -0.01	30.10 1.73 -0.01	33.51 1.87 0.00	44.16 2.46 0.00	51.77 3.12 0.00	41.39 2.56 0.00	34.95 2.32 0.00	31.50 2.03 0.00	30.94 1.92 0.00	30.74 1.93 0.00	32.09 2.13 0.00	35.56 2.33 0.00	43.34 2.95 0.00	50.72 3.58 0.00	60.10 4.14 -0.03	52.94 3.78 -0.06	45.35 3.29 -0.94	41.80 2.64 -3.91	38.22 2.65 -2.40	36.23 2.52 -1.82	33.57 2.45 -0.86
ARTHUR_KILL_2 23512	31.64 2.15 -0.01	30.76 2.01 -0.01	29.85 1.92 -0.01	29.31 1.74 -0.01	30.01 1.64 -0.01	33.41 1.77 0.00	44.03 2.33 0.00	51.62 2.97 0.00	41.28 2.45 0.00	34.85 2.22 0.00	31.44 1.97 0.00	30.85 1.83 0.00	30.66 1.85 0.00	32.00 2.04 0.00	35.46 2.23 0.00	43.22 2.83 0.00	50.54 3.40 0.00	59.93 3.97 -0.03	52.74 3.58 -0.06	45.23 3.17 -0.94	41.69 2.54 -3.91	38.08 2.52 -2.40	36.14 2.42 -1.82	33.51 2.39 -0.86
ARTHUR_KILL_3 23513	31.52 2.03 0.00	30.63 1.90 0.00	29.76 1.84 0.00	29.25 1.68 0.00	29.92 1.56 0.00	33.38 1.74 0.00	44.20 2.50 0.00	52.06 3.40 0.00	41.63 2.80 0.00	35.11 2.48 0.00	31.71 2.24 0.00	31.14 2.12 0.00	30.95 2.13 0.00	32.24 2.28 0.00	35.73 2.49 0.00	43.51 3.11 0.00	50.91 3.77 0.00	60.27 4.31 -0.03	53.04 3.88 -0.06	45.39 3.33 -0.94	41.94 2.78 -3.91	38.22 2.65 -2.40	36.14 2.42 -1.82	33.39 2.27 -0.86

ARTHUR_KILL_COGEN 323718	31.73 2.24 -0.01	30.82 2.07 -0.01	29.93 2.01 -0.01	29.36 1.79 -0.01	30.10 1.73 -0.01	33.51 1.87 0.00	44.16 2.46 0.00	51.77 3.12 0.00	41.39 2.56 0.00	34.95 2.32 0.00	31.50 2.03 0.00	30.94 1.92 0.00	30.74 1.93 0.00	32.09 2.13 0.00	35.56 2.33 0.00	43.34 2.95 0.00	50.72 3.58 0.00	60.10 4.14 -0.03	52.94 3.78 -0.06	45.35 3.29 -0.94	41.80 2.64 -3.91	38.22 2.65 -2.40	36.23 2.52 -1.82	33.57 2.45 -0.86
ASHOKAN____ 23654	30.60 1.12 0.00	29.83 1.09 0.00	29.00 1.09 0.00	28.56 0.99 0.00	29.41 1.05 0.00	32.72 1.08 0.00	43.53 1.83 0.00	50.70 2.04 0.00	40.15 1.32 0.00	33.28 0.65 0.00	29.82 0.35 0.00	29.23 0.20 0.00	29.02 0.20 0.00	30.32 0.36 0.00	33.83 0.60 0.00	41.57 1.17 0.00	48.69 1.55 0.00	58.20 2.24 -0.03	51.27 2.11 -0.06	42.61 0.50 -1.00	39.76 0.39 -4.13	35.96 0.26 -2.54	33.75 -0.06 -1.92	31.26 0.09 -0.91
ASTORIA_EAST_ENERGY_CC1 323581	31.91 2.42 -0.01	31.01 2.27 -0.01	30.10 2.18 -0.01	29.70 2.12 -0.01	30.41 2.04 -0.01	33.54 1.90 0.00	43.73 2.04 0.01	51.37 2.72 0.01	41.27 2.45 0.01	35.17 2.55 0.01	31.76 2.30 0.01	31.19 2.18 0.01	30.99 2.19 0.01	32.29 2.34 0.01	35.75 2.52 0.01	43.21 2.83 0.01	50.38 3.25 0.01	59.64 3.69 -0.02	52.49 3.34 -0.05	45.14 3.09 -0.94	41.61 2.47 -3.90	37.91 2.35 -2.39	36.14 2.42 -1.82	33.63 2.51 -0.86
ASTORIA_EAST_ENERGY_CC2 323582	31.91 2.42 -0.01	31.01 2.27 -0.01	30.13 2.20 -0.01	29.70 2.12 -0.01	30.43 2.07 -0.01	33.54 1.90 0.00	43.73 2.04 0.01	51.37 2.72 0.01	41.27 2.45 0.01	35.17 2.55 0.01	31.76 2.30 0.01	31.19 2.18 0.01	30.99 2.19 0.01	32.29 2.34 0.01	35.75 2.52 0.01	43.21 2.83 0.01	50.38 3.25 0.01	59.64 3.69 -0.02	52.49 3.34 -0.05	45.14 3.09 -0.94	41.61 2.47 -3.90	37.91 2.35 -2.39	36.14 2.42 -1.82	33.63 2.51 -0.86
ASTORIA_GT2_1 24094	31.97 2.48 -0.01	31.04 2.30 -0.01	30.13 2.21 -0.01	29.69 2.12 -0.01	30.41 2.04 -0.01	33.57 1.93 0.00	43.83 2.13 0.00	51.52 2.87 0.00	41.32 2.49 0.00	35.17 2.55 0.00	31.83 2.36 0.00	31.23 2.21 0.00	31.03 2.22 0.00	32.36 2.40 0.00	35.76 2.53 0.00	43.26 2.87 0.00	50.44 3.30 0.00	59.71 3.75 -0.03	52.55 3.39 -0.06	45.14 3.08 -0.94	41.66 2.50 -3.91	37.95 2.39 -2.40	36.17 2.46 -1.82	33.63 2.51 -0.86
ASTORIA_GT2_2 24095	31.97 2.48 -0.01	31.04 2.30 -0.01	30.13 2.21 -0.01	29.69 2.12 -0.01	30.41 2.04 -0.01	33.57 1.93 0.00	43.83 2.13 0.00	51.52 2.87 0.00	41.32 2.49 0.00	35.17 2.55 0.00	31.83 2.36 0.00	31.23 2.21 0.00	31.03 2.22 0.00	32.36 2.40 0.00	35.76 2.53 0.00	43.26 2.87 0.00	50.44 3.30 0.00	59.71 3.75 -0.03	52.55 3.39 -0.06	45.14 3.08 -0.94	41.66 2.50 -3.91	37.95 2.39 -2.40	36.17 2.46 -1.82	33.63 2.51 -0.86
ASTORIA_GT2_3 24096	31.97 2.48 -0.01	31.04 2.30 -0.01	30.13 2.21 -0.01	29.69 2.12 -0.01	30.41 2.04 -0.01	33.57 1.93 0.00	43.83 2.13 0.00	51.52 2.87 0.00	41.32 2.49 0.00	35.17 2.55 0.00	31.83 2.36 0.00	31.23 2.21 0.00	31.03 2.22 0.00	32.36 2.40 0.00	35.76 2.53 0.00	43.26 2.87 0.00	50.44 3.30 0.00	59.71 3.75 -0.03	52.55 3.39 -0.06	45.14 3.08 -0.94	41.66 2.50 -3.91	37.95 2.39 -2.40	36.17 2.46 -1.82	33.63 2.51 -0.86
ASTORIA_GT2_4 24097	31.97 2.48 -0.01	31.04 2.30 -0.01	30.13 2.21 -0.01	29.69 2.12 -0.01	30.41 2.04 -0.01	33.57 1.93 0.00	43.83 2.13 0.00	51.52 2.87 0.00	41.32 2.49 0.00	35.17 2.55 0.00	31.83 2.36 0.00	31.23 2.21 0.00	31.03 2.22 0.00	32.36 2.40 0.00	35.76 2.53 0.00	43.26 2.87 0.00	50.44 3.30 0.00	59.71 3.75 -0.03	52.55 3.39 -0.06	45.14 3.08 -0.94	41.66 2.50 -3.91	37.95 2.39 -2.40	36.17 2.46 -1.82	33.63 2.51 -0.86
ASTORIA_GT3_1 24098	31.97 2.48 -0.01	31.04 2.30 -0.01	30.13 2.21 -0.01	29.69 2.12 -0.01	30.41 2.04 -0.01	33.57 1.93 0.00	43.83 2.13 0.00	51.52 2.87 0.00	41.32 2.49 0.00	35.17 2.55 0.00	31.83 2.36 0.00	31.23 2.21 0.00	31.03 2.22 0.00	32.36 2.40 0.00	35.76 2.53 0.00	43.26 2.87 0.00	50.44 3.30 0.00	59.71 3.75 -0.03	52.55 3.39 -0.06	45.14 3.08 -0.94	41.66 2.50 -3.91	37.95 2.39 -2.40	36.17 2.46 -1.82	33.63 2.51 -0.86
ASTORIA_GT3_2 24099	31.97 2.48 -0.01	31.04 2.30 -0.01	30.13 2.21 -0.01	29.69 2.12 -0.01	30.41 2.04 -0.01	33.57 1.93 0.00	43.83 2.13 0.00	51.52 2.87 0.00	41.32 2.49 0.00	35.17 2.55 0.00	31.83 2.36 0.00	31.23 2.21 0.00	31.03 2.22 0.00	32.36 2.40 0.00	35.76 2.53 0.00	43.26 2.87 0.00	50.44 3.30 0.00	59.71 3.75 -0.03	52.55 3.39 -0.06	45.14 3.08 -0.94	41.66 2.50 -3.91	37.95 2.39 -2.40	36.17 2.46 -1.82	33.63 2.51 -0.86
ASTORIA_GT3_3 24100	31.97 2.48 -0.01	31.04 2.30 -0.01	30.13 2.21 -0.01	29.69 2.12 -0.01	30.41 2.04 -0.01	33.57 1.93 0.00	43.83 2.13 0.00	51.52 2.87 0.00	41.32 2.49 0.00	35.17 2.55 0.00	31.83 2.36 0.00	31.23 2.21 0.00	31.03 2.22 0.00	32.36 2.40 0.00	35.76 2.53 0.00	43.26 2.87 0.00	50.44 3.30 0.00	59.71 3.75 -0.03	52.55 3.39 -0.06	45.14 3.08 -0.94	41.66 2.50 -3.91	37.95 2.39 -2.40	36.17 2.46 -1.82	33.63 2.51 -0.86
ASTORIA_GT3_4 24101	31.97 2.48 -0.01	31.04 2.30 -0.01	30.13 2.21 -0.01	29.69 2.12 -0.01	30.41 2.04 -0.01	33.57 1.93 0.00	43.83 2.13 0.00	51.52 2.87 0.00	41.32 2.49 0.00	35.17 2.55 0.00	31.83 2.36 0.00	31.23 2.21 0.00	31.03 2.22 0.00	32.36 2.40 0.00	35.76 2.53 0.00	43.26 2.87 0.00	50.44 3.30 0.00	59.71 3.75 -0.03	52.55 3.39 -0.06	45.14 3.08 -0.94	41.66 2.50 -3.91	37.95 2.39 -2.40	36.17 2.46 -1.82	33.63 2.51 -0.86
ASTORIA_GT4_1 24102	31.97 2.48 -0.01	31.04 2.30 -0.01	30.13 2.21 -0.01	29.69 2.12 -0.01	30.41 2.04 -0.01	33.57 1.93 0.00	43.83 2.13 0.00	51.52 2.87 0.00	41.32 2.49 0.00	35.17 2.55 0.00	31.83 2.36 0.00	31.23 2.21 0.00	31.03 2.22 0.00	32.36 2.40 0.00	35.76 2.53 0.00	43.26 2.87 0.00	50.44 3.30 0.00	59.71 3.75 -0.03	52.55 3.39 -0.06	45.14 3.08 -0.94	41.66 2.50 -3.91	37.95 2.39 -2.40	36.17 2.46 -1.82	33.63 2.51 -0.86
ASTORIA_GT4_2 24103	31.97 2.48 -0.01	31.04 2.30 -0.01	30.13 2.21 -0.01	29.69 2.12 -0.01	30.41 2.04 -0.01	33.57 1.93 0.00	43.83 2.13 0.00	51.52 2.87 0.00	41.32 2.49 0.00	35.17 2.55 0.00	31.83 2.36 0.00	31.23 2.21 0.00	31.03 2.22 0.00	32.36 2.40 0.00	35.76 2.53 0.00	43.26 2.87 0.00	50.44 3.30 0.00	59.71 3.75 -0.03	52.55 3.39 -0.06	45.14 3.08 -0.94	41.66 2.50 -3.91	37.95 2.39 -2.40	36.17 2.46 -1.82	33.63 2.51 -0.86
ASTORIA_GT4_3 24104	31.97 2.48 -0.01	31.04 2.30 -0.01	30.13 2.21 -0.01	29.69 2.12 -0.01	30.41 2.04 -0.01	33.57 1.93 0.00	43.83 2.13 0.00	51.52 2.87 0.00	41.32 2.49 0.00	35.17 2.55 0.00	31.83 2.36 0.00	31.23 2.21 0.00	31.03 2.22 0.00	32.36 2.40 0.00	35.76 2.53 0.00	43.26 2.87 0.00	50.44 3.30 0.00	59.71 3.75 -0.03	52.55 3.39 -0.06	45.14 3.08 -0.94	41.66 2.50 -3.91	37.95 2.39 -2.40	36.17 2.46 -1.82	33.63 2.51 -0.86

ASTORIA_GT4_4 24105	31.97 2.48 -0.01	31.04 2.30 -0.01	30.13 2.21 -0.01	29.69 2.12 -0.01	30.41 2.04 -0.01	33.57 1.93 0.00	43.83 2.13 0.00	51.52 2.87 0.00	41.32 2.49 0.00	35.17 2.55 0.00	31.83 2.36 0.00	31.23 2.21 0.00	31.03 2.22 0.00	32.36 2.40 0.00	35.76 2.53 0.00	43.26 2.87 0.00	50.44 3.30 0.00	59.71 3.75 -0.03	52.55 3.39 -0.06	45.14 3.08 -0.94	41.66 2.50 -3.91	37.95 2.39 -2.40	36.17 2.46 -1.82	33.63 2.51 -0.86
ASTORIA_GT_1 23523	31.97 2.48 -0.01	31.07 2.33 -0.01	30.16 2.23 -0.01	29.75 2.18 -0.01	30.46 2.10 -0.01	33.60 1.96 0.00	43.86 2.17 0.01	51.52 2.87 0.01	41.39 2.56 0.01	35.23 2.61 0.01	31.82 2.36 0.01	31.28 2.27 0.01	31.05 2.25 0.01	32.38 2.43 0.01	35.82 2.59 0.01	43.33 2.95 0.01	50.53 3.40 0.01	59.76 3.81 -0.02	52.64 3.49 -0.05	45.22 3.17 -0.94	41.72 2.57 -3.90	38.01 2.45 -2.39	36.20 2.49 -1.82	33.69 2.57 -0.86
ASTORIA_GT_10 24110	31.82 2.33 -0.01	30.90 2.16 -0.01	29.99 2.07 -0.01	29.47 1.90 -0.01	30.18 1.81 -0.01	33.60 1.96 0.00	44.20 2.50 0.00	51.96 3.31 0.00	41.63 2.80 0.00	35.14 2.51 0.00	31.80 2.33 0.00	31.17 2.15 0.00	31.00 2.19 0.00	32.33 2.37 0.00	35.76 2.53 0.00	43.51 3.11 0.00	50.77 3.63 0.00	60.10 4.14 -0.03	52.89 3.73 -0.06	45.39 3.33 -0.94	41.87 2.71 -3.91	38.22 2.65 -2.40	36.27 2.55 -1.82	33.60 2.48 -0.86
ASTORIA_GT_11 24225	31.82 2.33 -0.01	30.90 2.16 -0.01	29.99 2.07 -0.01	29.47 1.90 -0.01	30.18 1.81 -0.01	33.60 1.96 0.00	44.20 2.50 0.00	51.96 3.31 0.00	41.63 2.80 0.00	35.14 2.51 0.00	31.80 2.33 0.00	31.17 2.15 0.00	31.00 2.19 0.00	32.33 2.37 0.00	35.76 2.53 0.00	43.51 3.11 0.00	50.77 3.63 0.00	60.10 4.14 -0.03	52.89 3.73 -0.06	45.39 3.33 -0.94	41.87 2.71 -3.91	38.22 2.65 -2.40	36.27 2.55 -1.82	33.60 2.48 -0.86
ASTORIA_GT_12 24226	31.82 2.33 -0.01	30.90 2.16 -0.01	29.99 2.07 -0.01	29.47 1.90 -0.01	30.18 1.81 -0.01	33.60 1.96 0.00	44.20 2.50 0.00	51.96 3.31 0.00	41.63 2.80 0.00	35.14 2.51 0.00	31.80 2.33 0.00	31.17 2.15 0.00	31.00 2.19 0.00	32.33 2.37 0.00	35.76 2.53 0.00	43.51 3.11 0.00	50.77 3.63 0.00	60.10 4.14 -0.03	52.89 3.73 -0.06	45.39 3.33 -0.94	41.87 2.71 -3.91	38.22 2.65 -2.40	36.27 2.55 -1.82	33.60 2.48 -0.86
ASTORIA_GT_13 24227	31.82 2.33 -0.01	30.90 2.16 -0.01	29.99 2.07 -0.01	29.47 1.90 -0.01	30.18 1.81 -0.01	33.60 1.96 0.00	44.20 2.50 0.00	51.96 3.31 0.00	41.63 2.80 0.00	35.14 2.51 0.00	31.80 2.33 0.00	31.17 2.15 0.00	31.00 2.19 0.00	32.33 2.37 0.00	35.76 2.53 0.00	43.51 3.11 0.00	50.77 3.63 0.00	60.10 4.14 -0.03	52.89 3.73 -0.06	45.39 3.33 -0.94	41.87 2.71 -3.91	38.22 2.65 -2.40	36.27 2.55 -1.82	33.60 2.48 -0.86
ASTORIA_GT_5 24106	32.03 2.54 -0.01	31.07 2.33 -0.01	30.16 2.23 -0.01	29.75 2.18 -0.01	30.44 2.07 -0.01	33.60 1.96 0.00	43.91 2.21 0.00	51.62 2.97 0.00	41.40 2.56 0.00	35.24 2.61 0.00	31.89 2.42 0.00	31.29 2.26 0.00	31.09 2.28 0.00	32.42 2.46 0.00	35.83 2.59 0.00	43.34 2.95 0.00	50.53 3.39 0.00	59.82 3.86 -0.03	52.65 3.49 -0.06	45.22 3.17 -0.94	41.73 2.57 -3.91	38.02 2.45 -2.40	36.23 2.52 -1.82	33.69 2.57 -0.86
ASTORIA_GT_7 24107	32.03 2.54 -0.01	31.07 2.33 -0.01	30.16 2.23 -0.01	29.75 2.18 -0.01	30.44 2.07 -0.01	33.60 1.96 0.00	43.91 2.21 0.00	51.62 2.97 0.00	41.40 2.56 0.00	35.24 2.61 0.00	31.89 2.42 0.00	31.29 2.26 0.00	31.09 2.28 0.00	32.42 2.46 0.00	35.83 2.59 0.00	43.34 2.95 0.00	50.53 3.39 0.00	59.82 3.86 -0.03	52.65 3.49 -0.06	45.22 3.17 -0.94	41.73 2.57 -3.91	38.02 2.45 -2.40	36.23 2.52 -1.82	33.69 2.57 -0.86
ASTORIA_GT_8 24108	32.03 2.54 -0.01	31.07 2.33 -0.01	30.16 2.23 -0.01	29.75 2.18 -0.01	30.44 2.07 -0.01	33.60 1.96 0.00	43.91 2.21 0.00	51.62 2.97 0.00	41.40 2.56 0.00	35.24 2.61 0.00	31.89 2.42 0.00	31.29 2.26 0.00	31.09 2.28 0.00	32.42 2.46 0.00	35.83 2.59 0.00	43.34 2.95 0.00	50.53 3.39 0.00	59.82 3.86 -0.03	52.65 3.49 -0.06	45.22 3.17 -0.94	41.73 2.57 -3.91	38.02 2.45 -2.40	36.23 2.52 -1.82	33.69 2.57 -0.86
ASTORIA___2 24149	31.91 2.42 -0.01	31.01 2.27 -0.01	30.13 2.20 -0.01	29.70 2.12 -0.01	30.43 2.07 -0.01	33.54 1.90 0.00	43.78 2.08 0.01	51.42 2.77 0.01	41.31 2.49 0.01	35.17 2.55 0.01	31.76 2.30 0.01	31.22 2.20 0.01	30.99 2.19 0.01	32.32 2.37 0.01	35.75 2.52 0.01	43.21 2.83 0.01	50.43 3.30 0.01	59.64 3.69 -0.02	52.54 3.39 -0.05	45.14 3.09 -0.94	41.65 2.50 -3.90	37.95 2.39 -2.39	36.14 2.42 -1.82	33.63 2.51 -0.86
ASTORIA___3 23516	31.79 2.30 -0.01	30.90 2.16 -0.01	29.99 2.07 -0.01	29.47 1.90 -0.01	30.18 1.82 -0.01	33.57 1.93 0.00	44.16 2.46 0.00	51.86 3.21 0.00	41.63 2.80 0.00	35.14 2.51 0.00	31.74 2.27 0.00	31.17 2.15 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.76 2.52 0.00	43.51 3.11 0.00	50.77 3.63 0.00	60.10 4.14 -0.03	52.89 3.73 -0.06	45.39 3.33 -0.94	41.87 2.71 -3.91	38.22 2.65 -2.40	36.23 2.52 -1.82	33.60 2.48 -0.86
ASTORIA___4 23517	31.82 2.33 -0.01	30.90 2.16 -0.01	29.99 2.07 -0.01	29.47 1.90 -0.01	30.18 1.81 -0.01	33.60 1.96 0.00	44.20 2.50 0.00	51.96 3.31 0.00	41.63 2.80 0.00	35.14 2.51 0.00	31.80 2.33 0.00	31.17 2.15 0.00	31.00 2.19 0.00	32.33 2.37 0.00	35.76 2.53 0.00	43.51 3.11 0.00	50.77 3.63 0.00	60.10 4.14 -0.03	52.89 3.73 -0.06	45.39 3.33 -0.94	41.87 2.71 -3.91	38.22 2.65 -2.40	36.27 2.55 -1.82	33.60 2.48 -0.86
ASTORIA___5 23518	31.79 2.30 -0.01	30.90 2.16 -0.01	29.99 2.07 -0.01	29.47 1.90 -0.01	30.18 1.82 -0.01	33.57 1.93 0.00	44.16 2.46 0.00	51.86 3.21 0.00	41.63 2.80 0.00	35.14 2.51 0.00	31.74 2.27 0.00	31.17 2.15 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.76 2.52 0.00	43.51 3.11 0.00	50.77 3.63 0.00	60.10 4.14 -0.03	52.89 3.73 -0.06	45.39 3.33 -0.94	41.87 2.71 -3.91	38.22 2.65 -2.40	36.23 2.52 -1.82	33.60 2.48 -0.86
AST_ENERGY_2_CC3 323677	31.58 2.09 0.00	30.69 1.96 0.00	29.81 1.90 0.00	29.27 1.71 0.00	29.97 1.62 0.00	33.38 1.74 0.00	37.58 2.46 6.58	40.64 3.31 11.32	38.58 2.76 3.01	35.03 2.41 0.02	31.68 2.21 0.00	31.11 2.09 0.00	30.89 2.08 0.00	32.21 2.25 0.00	35.66 2.42 0.00	41.78 3.03 1.64	44.84 3.68 5.98	45.15 4.20 14.98	41.00 3.78 11.89	40.33 3.29 4.08	41.62 2.71 -3.66	38.17 2.62 -2.39	36.17 2.46 -1.82	33.48 2.36 -0.86
AST_ENERGY_2_CC4 323678	31.58 2.09 0.00	30.69 1.96 0.00	29.81 1.90 0.00	29.27 1.71 0.00	29.97 1.62 0.00	33.38 1.74 0.00	37.58 2.46 6.58	40.64 3.31 11.32	38.58 2.76 3.01	35.03 2.41 0.02	31.68 2.21 0.00	31.11 2.09 0.00	30.89 2.08 0.00	32.21 2.25 0.00	35.66 2.42 0.00	41.78 3.03 1.64	44.84 3.68 5.98	45.15 4.20 14.98	41.00 3.78 11.89	40.33 3.29 4.08	41.62 2.71 -3.66	38.17 2.62 -2.39	36.17 2.46 -1.82	33.48 2.36 -0.86

ATHENS_STG_1 23668	30.52 1.03 0.00	29.71 0.98 0.00	28.86 0.95 0.00	28.45 0.88 0.00	29.18 0.82 0.00	32.59 0.95 0.00	43.03 1.33 0.00	50.40 1.75 0.00	40.19 1.36 0.00	33.77 1.14 0.00	30.44 0.97 0.00	29.92 0.90 0.00	29.71 0.89 0.00	30.95 0.99 0.00	34.37 1.13 0.00	41.93 1.53 0.00	48.98 1.84 0.00	58.14 2.18 -0.03	51.13 1.97 -0.06	43.79 1.69 -0.98	40.73 1.41 -4.08	37.00 1.33 -2.51	34.97 1.18 -1.89	32.24 1.09 -0.90
ATHENS_STG_2 23670	30.52 1.03 0.00	29.71 0.98 0.00	28.86 0.95 0.00	28.45 0.88 0.00	29.18 0.82 0.00	32.59 0.95 0.00	43.03 1.33 0.00	50.40 1.75 0.00	40.19 1.36 0.00	33.77 1.14 0.00	30.44 0.97 0.00	29.92 0.90 0.00	29.71 0.89 0.00	30.95 0.99 0.00	34.37 1.13 0.00	41.93 1.53 0.00	48.98 1.84 0.00	58.14 2.18 -0.03	51.13 1.97 -0.06	43.79 1.69 -0.98	40.73 1.41 -4.08	37.00 1.33 -2.51	34.97 1.18 -1.89	32.24 1.09 -0.90
ATHENS_STG_3 23677	30.52 1.03 0.00	29.71 0.98 0.00	28.86 0.95 0.00	28.45 0.88 0.00	29.18 0.82 0.00	32.59 0.95 0.00	43.03 1.33 0.00	50.40 1.75 0.00	40.19 1.36 0.00	33.77 1.14 0.00	30.44 0.97 0.00	29.92 0.90 0.00	29.71 0.89 0.00	30.95 0.99 0.00	34.37 1.13 0.00	41.93 1.53 0.00	48.98 1.84 0.00	58.14 2.18 -0.03	51.13 1.97 -0.06	43.79 1.69 -0.98	40.73 1.41 -4.08	37.00 1.33 -2.51	34.97 1.18 -1.89	32.24 1.09 -0.90
AUBURN___LFGE 323710	29.54 0.06 0.00	28.74 0.00 0.00	27.92 0.00 0.00	27.59 0.03 0.00	28.44 0.09 0.00	31.77 0.13 0.00	41.87 0.17 0.00	48.65 0.00 0.00	39.03 0.19 0.00	32.89 0.26 0.00	29.62 0.15 0.00	29.20 0.17 0.00	28.96 0.14 0.00	30.05 0.09 0.00	33.37 0.13 0.00	40.35 -0.04 0.00	47.00 -0.14 0.00	55.71 -0.22 0.00	48.92 -0.20 -0.01	41.04 -0.21 -0.13	35.63 -0.14 -0.53	33.35 -0.13 -0.32	31.95 -0.19 -0.25	30.19 -0.18 -0.12
BABYLON_RES_REC 323704	31.84 2.36 0.00	30.89 2.16 0.00	29.95 2.04 0.00	29.36 1.79 0.00	30.06 1.70 0.00	33.25 1.61 0.00	44.33 2.63 0.00	52.01 3.35 0.00	41.71 2.87 0.00	34.75 2.12 0.00	31.77 2.30 0.00	31.08 2.06 0.00	30.74 1.93 0.00	32.24 2.28 0.00	36.06 2.82 0.00	44.08 3.68 -0.01	54.01 4.29 -2.58	67.11 4.98 -6.21	59.43 4.37 -5.95	53.03 3.82 -8.09	48.18 3.24 -9.69	44.93 3.18 -8.59	38.20 3.00 -3.31	33.89 2.75 -0.88
BABYLON__69_KV_BK2 356345	32.20 2.71 0.00	31.21 2.47 0.00	30.20 2.29 0.00	29.63 2.07 0.00	30.29 1.93 0.00	33.73 2.09 0.00	44.83 3.13 0.00	52.84 4.18 0.00	41.98 3.15 0.00	34.95 2.32 0.00	32.03 2.56 0.00	31.32 2.29 0.00	31.26 2.45 0.00	32.69 2.73 0.00	36.33 3.09 0.00	44.44 4.04 -0.01	54.53 4.86 -2.53	67.62 5.59 -6.09	59.90 4.96 -5.83	53.39 4.32 -7.96	48.46 3.63 -9.59	45.15 3.52 -8.48	38.53 3.35 -3.28	34.25 3.12 -0.88
BALL_HILL_WT_PWR 323825	28.92 -0.56 0.00	27.93 -0.80 0.00	26.94 -0.98 0.00	26.93 -0.63 0.00	27.96 -0.40 0.00	30.94 -0.70 0.00	40.58 -1.12 0.00	46.12 -2.53 0.00	37.67 -1.16 0.00	32.40 -0.23 0.00	29.20 -0.27 0.00	28.94 -0.09 0.00	28.70 -0.11 0.00	29.45 -0.51 0.00	32.57 -0.66 0.00	38.50 -1.90 0.00	44.12 -3.02 0.00	51.74 -4.20 -0.01	45.48 -3.63 -0.01	37.92 -3.33 -0.13	33.07 -2.71 -0.53	31.07 -2.42 -0.33	29.60 -2.55 -0.25	28.22 -2.18 -0.14
BARON_WINDS___WT_PWR 323822	29.28 -0.20 0.00	28.42 -0.32 0.00	27.52 -0.39 0.00	27.34 -0.22 0.00	28.33 -0.03 0.00	31.51 -0.13 0.00	41.45 -0.25 0.00	47.73 -0.93 0.00	38.60 -0.23 0.00	32.89 0.26 0.00	29.62 0.15 0.00	29.23 0.20 0.00	28.99 0.17 0.00	29.84 -0.12 0.00	33.10 -0.13 0.00	39.51 -0.89 0.00	45.73 -1.41 0.00	53.87 -2.07 -0.01	47.25 -1.87 -0.01	39.51 -1.81 -0.20	34.56 -1.51 -0.83	32.18 -1.49 -0.51	30.63 -1.66 -0.39	28.94 -1.51 -0.20
BARRETT_IC_1 23704	31.58 2.09 0.00	30.63 1.90 0.00	29.70 1.79 0.00	29.16 1.60 0.00	29.86 1.50 0.00	33.13 1.49 0.00	44.03 2.33 0.00	51.57 2.92 0.00	41.43 2.60 0.00	34.62 1.99 0.00	31.53 2.06 0.00	30.88 1.86 0.00	30.57 1.76 0.00	32.03 2.07 0.00	35.76 2.52 0.00	43.59 3.19 -0.01	52.91 3.54 -2.23	65.29 3.97 -5.39	58.08 3.49 -5.49	51.42 3.17 -7.13	46.91 2.75 -8.91	43.70 2.79 -7.75	37.65 2.65 -3.10	33.55 2.42 -0.87
BARRETT_IC_10 23701	31.58 2.09 0.00	30.63 1.90 0.00	29.70 1.79 0.00	29.16 1.60 0.00	29.86 1.50 0.00	33.13 1.49 0.00	44.03 2.33 0.00	51.57 2.92 0.00	41.43 2.60 0.00	34.62 1.99 0.00	31.53 2.06 0.00	30.88 1.86 0.00	30.57 1.76 0.00	32.03 2.07 0.00	35.76 2.52 0.00	43.59 3.19 -0.01	52.91 3.54 -2.23	65.29 3.97 -5.39	58.08 3.49 -5.49	51.42 3.17 -7.13	46.91 2.75 -8.91	43.70 2.79 -7.75	37.65 2.65 -3.10	33.55 2.42 -0.87
BARRETT_IC_11 23702	31.58 2.09 0.00	30.63 1.90 0.00	29.70 1.79 0.00	29.16 1.60 0.00	29.86 1.50 0.00	33.13 1.49 0.00	44.03 2.33 0.00	51.57 2.92 0.00	41.43 2.60 0.00	34.62 1.99 0.00	31.53 2.06 0.00	30.88 1.86 0.00	30.57 1.76 0.00	32.03 2.07 0.00	35.76 2.52 0.00	43.59 3.19 -0.01	52.91 3.54 -2.23	65.29 3.97 -5.39	58.08 3.49 -5.49	51.42 3.17 -7.13	46.91 2.75 -8.91	43.70 2.79 -7.75	37.65 2.65 -3.10	33.55 2.42 -0.87
BARRETT_IC_12 23703	31.58 2.09 0.00	30.63 1.90 0.00	29.70 1.79 0.00	29.16 1.60 0.00	29.86 1.50 0.00	33.13 1.49 0.00	44.03 2.33 0.00	51.57 2.92 0.00	41.43 2.60 0.00	34.62 1.99 0.00	31.53 2.06 0.00	30.88 1.86 0.00	30.57 1.76 0.00	32.03 2.07 0.00	35.76 2.52 0.00	43.59 3.19 -0.01	52.91 3.54 -2.23	65.29 3.97 -5.39	58.08 3.49 -5.49	51.42 3.17 -7.13	46.91 2.75 -8.91	43.70 2.79 -7.75	37.65 2.65 -3.10	33.55 2.42 -0.87
BARRETT_IC_2 23705	31.58 2.09 0.00	30.63 1.90 0.00	29.70 1.79 0.00	29.16 1.60 0.00	29.86 1.50 0.00	33.13 1.49 0.00	44.03 2.33 0.00	51.57 2.92 0.00	41.43 2.60 0.00	34.62 1.99 0.00	31.53 2.06 0.00	30.88 1.86 0.00	30.57 1.76 0.00	32.03 2.07 0.00	35.76 2.52 0.00	43.59 3.19 -0.01	52.91 3.54 -2.23	65.29 3.97 -5.39	58.08 3.49 -5.49	51.42 3.17 -7.13	46.91 2.75 -8.91	43.70 2.79 -7.75	37.65 2.65 -3.10	33.55 2.42 -0.87
BARRETT_IC_3 23706	31.58 2.09 0.00	30.63 1.90 0.00	29.70 1.79 0.00	29.16 1.60 0.00	29.86 1.50 0.00	33.13 1.49 0.00	44.03 2.33 0.00	51.57 2.92 0.00	41.43 2.60 0.00	34.62 1.99 0.00	31.53 2.06 0.00	30.88 1.86 0.00	30.57 1.76 0.00	32.03 2.07 0.00	35.76 2.52 0.00	43.59 3.19 -0.01	52.91 3.54 -2.23	65.29 3.97 -5.39	58.08 3.49 -5.49	51.42 3.17 -7.13	46.91 2.75 -8.91	43.70 2.79 -7.75	37.65 2.65 -3.10	33.55 2.42 -0.87
BARRETT_IC_4 23707	31.58 2.09 0.00	30.63 1.90 0.00	29.70 1.79 0.00	29.16 1.60 0.00	29.86 1.50 0.00	33.13 1.49 0.00	44.03 2.33 0.00	51.57 2.92 0.00	41.43 2.60 0.00	34.62 1.99 0.00	31.53 2.06 0.00	30.88 1.86 0.00	30.57 1.76 0.00	32.03 2.07 0.00	35.76 2.52 0.00	43.59 3.19 -0.01	52.91 3.54 -2.23	65.29 3.97 -5.39	58.08 3.49 -5.49	51.42 3.17 -7.13	46.91 2.75 -8.91	43.70 2.79 -7.75	37.65 2.65 -3.10	33.55 2.42 -0.87

BARRETT_IC_5 23708	31.58 2.09 0.00	30.63 1.90 0.00	29.70 1.79 0.00	29.16 1.60 0.00	29.86 1.50 0.00	33.13 1.49 0.00	44.03 2.33 0.00	51.57 2.92 0.00	41.43 2.60 0.00	34.62 1.99 0.00	31.53 2.06 0.00	30.88 1.86 0.00	30.57 1.76 0.00	32.03 2.07 0.00	35.76 2.52 0.00	43.59 3.19 -0.01	52.91 3.54 -2.23	65.29 3.97 -5.39	58.08 3.49 -5.49	51.42 3.17 -7.13	46.91 2.75 -8.91	43.70 2.79 -7.75	37.65 2.65 -3.10	33.55 2.42 -0.87
BARRETT_IC_6 23709	31.58 2.09 0.00	30.63 1.90 0.00	29.70 1.79 0.00	29.16 1.60 0.00	29.86 1.50 0.00	33.13 1.49 0.00	44.03 2.33 0.00	51.57 2.92 0.00	41.43 2.60 0.00	34.62 1.99 0.00	31.53 2.06 0.00	30.88 1.86 0.00	30.57 1.76 0.00	32.03 2.07 0.00	35.76 2.52 0.00	43.59 3.19 -0.01	52.91 3.54 -2.23	65.29 3.97 -5.39	58.08 3.49 -5.49	51.42 3.17 -7.13	46.91 2.75 -8.91	43.70 2.79 -7.75	37.65 2.65 -3.10	33.55 2.42 -0.87
BARRETT_IC_7 23710	31.64 2.15 0.00	30.66 1.93 0.00	29.70 1.79 0.00	29.16 1.60 0.00	29.86 1.50 0.00	33.29 1.65 0.00	44.16 2.46 0.00	51.91 3.26 0.00	41.43 2.60 0.00	34.62 1.99 0.00	31.56 2.09 0.00	30.88 1.86 0.00	30.77 1.96 0.00	32.15 2.19 0.00	35.76 2.53 0.00	43.60 3.19 -0.01	52.90 3.54 -2.23	65.28 3.97 -5.39	58.08 3.49 -5.49	51.42 3.17 -7.13	46.91 2.75 -8.91	43.70 2.79 -7.75	37.68 2.68 -3.10	33.58 2.45 -0.87
BARRETT_IC_8 23711	31.58 2.09 0.00	30.63 1.90 0.00	29.70 1.79 0.00	29.16 1.60 0.00	29.86 1.50 0.00	33.13 1.49 0.00	44.03 2.33 0.00	51.57 2.92 0.00	41.43 2.60 0.00	34.62 1.99 0.00	31.53 2.06 0.00	30.88 1.86 0.00	30.57 1.76 0.00	32.03 2.07 0.00	35.76 2.52 0.00	43.59 3.19 -0.01	52.91 3.54 -2.23	65.29 3.97 -5.39	58.08 3.49 -5.49	51.42 3.17 -7.13	46.91 2.75 -8.91	43.70 2.79 -7.75	37.65 2.65 -3.10	33.55 2.42 -0.87
BARRETT_IC_9 23700	31.58 2.09 0.00	30.63 1.90 0.00	29.70 1.79 0.00	29.16 1.60 0.00	29.86 1.50 0.00	33.13 1.49 0.00	44.03 2.33 0.00	51.57 2.92 0.00	41.43 2.60 0.00	34.62 1.99 0.00	31.53 2.06 0.00	30.88 1.86 0.00	30.57 1.76 0.00	32.03 2.07 0.00	35.76 2.52 0.00	43.59 3.19 -0.01	52.91 3.54 -2.23	65.29 3.97 -5.39	58.08 3.49 -5.49	51.42 3.17 -7.13	46.91 2.75 -8.91	43.70 2.79 -7.75	37.65 2.65 -3.10	33.55 2.42 -0.87
BARRETT___1 23545	31.58 2.09 0.00	30.63 1.90 0.00	29.70 1.79 0.00	29.16 1.60 0.00	29.86 1.50 0.00	33.13 1.49 0.00	44.03 2.33 0.00	51.57 2.92 0.00	41.43 2.60 0.00	34.62 1.99 0.00	31.53 2.06 0.00	30.88 1.86 0.00	30.57 1.76 0.00	32.03 2.07 0.00	35.76 2.52 0.00	43.59 3.19 -0.01	52.91 3.54 -2.23	65.29 3.97 -5.39	58.08 3.49 -5.49	51.42 3.17 -7.13	46.91 2.75 -8.91	43.70 2.79 -7.75	37.65 2.65 -3.10	33.55 2.42 -0.87
BARRETT___2 23546	31.58 2.09 0.00	30.63 1.90 0.00	29.70 1.79 0.00	29.16 1.60 0.00	29.86 1.50 0.00	33.13 1.49 0.00	44.03 2.33 0.00	51.57 2.92 0.00	41.43 2.60 0.00	34.62 1.99 0.00	31.53 2.06 0.00	30.88 1.86 0.00	30.57 1.76 0.00	32.03 2.07 0.00	35.76 2.52 0.00	43.59 3.19 -0.01	52.91 3.54 -2.23	65.29 3.97 -5.39	58.08 3.49 -5.49	51.42 3.17 -7.13	46.91 2.75 -8.91	43.70 2.79 -7.75	37.65 2.65 -3.10	33.55 2.42 -0.87
BATAVIA__115KV_TB1 55881	28.54 -0.94 0.00	27.62 -1.12 0.00	26.80 -1.12 0.00	26.74 -0.83 0.00	27.76 -0.60 0.00	30.82 -0.82 0.00	40.41 -1.29 0.00	46.17 -2.48 0.00	37.86 -0.97 0.00	32.37 -0.26 0.00	28.97 -0.50 0.00	28.88 -0.15 0.00	28.53 -0.29 0.00	29.42 -0.54 0.00	32.67 -0.57 0.00	38.86 -1.54 0.00	44.59 -2.55 0.00	52.41 -3.52 0.00	46.31 -2.80 -0.01	38.85 -2.38 -0.12	33.84 -1.90 -0.50	31.94 -1.53 -0.31	30.41 -1.72 -0.23	29.05 -1.33 -0.12
BAYONEEC___CTG1 323682	31.58 2.09 0.00	30.69 1.96 0.00	29.81 1.90 0.00	29.27 1.71 0.00	29.97 1.62 0.00	33.44 1.80 0.00	44.29 2.59 0.00	52.11 3.45 0.00	41.71 2.87 0.00	35.14 2.51 0.00	31.74 2.27 0.00	31.17 2.15 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.55 3.15 0.00	50.96 3.82 0.00	60.33 4.37 -0.03	53.09 3.93 -0.06	45.47 3.41 -0.94	41.97 2.82 -3.91	38.28 2.72 -2.40	36.20 2.49 -1.82	33.45 2.33 -0.86
BAYONEEC___CTG10 323750	31.58 2.09 0.00	30.69 1.96 0.00	29.81 1.90 0.00	29.27 1.71 0.00	29.97 1.62 0.00	33.44 1.80 0.00	44.29 2.59 0.00	52.11 3.45 0.00	41.71 2.87 0.00	35.14 2.51 0.00	31.74 2.27 0.00	31.17 2.15 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.55 3.15 0.00	50.96 3.82 0.00	60.33 4.37 -0.03	53.09 3.93 -0.06	45.47 3.41 -0.94	41.97 2.82 -3.91	38.28 2.72 -2.40	36.20 2.49 -1.82	33.45 2.33 -0.86
BAYONEEC___CTG2 323683	31.58 2.09 0.00	30.69 1.96 0.00	29.81 1.90 0.00	29.27 1.71 0.00	29.97 1.62 0.00	33.44 1.80 0.00	44.29 2.59 0.00	52.11 3.45 0.00	41.71 2.87 0.00	35.14 2.51 0.00	31.74 2.27 0.00	31.17 2.15 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.55 3.15 0.00	50.96 3.82 0.00	60.33 4.37 -0.03	53.09 3.93 -0.06	45.47 3.41 -0.94	41.97 2.82 -3.91	38.28 2.72 -2.40	36.20 2.49 -1.82	33.45 2.33 -0.86
BAYONEEC___CTG3 323684	31.58 2.09 0.00	30.69 1.96 0.00	29.81 1.90 0.00	29.27 1.71 0.00	29.97 1.62 0.00	33.44 1.80 0.00	44.29 2.59 0.00	52.11 3.45 0.00	41.71 2.87 0.00	35.14 2.51 0.00	31.74 2.27 0.00	31.17 2.15 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.55 3.15 0.00	50.96 3.82 0.00	60.33 4.37 -0.03	53.09 3.93 -0.06	45.47 3.41 -0.94	41.97 2.82 -3.91	38.28 2.72 -2.40	36.20 2.49 -1.82	33.45 2.33 -0.86
BAYONEEC___CTG4 323685	31.58 2.09 0.00	30.69 1.96 0.00	29.81 1.90 0.00	29.27 1.71 0.00	29.97 1.62 0.00	33.44 1.80 0.00	44.29 2.59 0.00	52.11 3.45 0.00	41.71 2.87 0.00	35.14 2.51 0.00	31.74 2.27 0.00	31.17 2.15 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.55 3.15 0.00	50.96 3.82 0.00	60.33 4.37 -0.03	53.09 3.93 -0.06	45.47 3.41 -0.94	41.97 2.82 -3.91	38.28 2.72 -2.40	36.20 2.49 -1.82	33.45 2.33 -0.86
BAYONEEC___CTG5 323686	31.58 2.09 0.00	30.69 1.96 0.00	29.81 1.90 0.00	29.27 1.71 0.00	29.97 1.62 0.00	33.44 1.80 0.00	44.29 2.59 0.00	52.11 3.45 0.00	41.71 2.87 0.00	35.14 2.51 0.00	31.74 2.27 0.00	31.17 2.15 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.55 3.15 0.00	50.96 3.82 0.00	60.33 4.37 -0.03	53.09 3.93 -0.06	45.47 3.41 -0.94	41.97 2.82 -3.91	38.28 2.72 -2.40	36.20 2.49 -1.82	33.45 2.33 -0.86
BAYONEEC___CTG6 323687	31.58 2.09 0.00	30.69 1.96 0.00	29.81 1.90 0.00	29.27 1.71 0.00	29.97 1.62 0.00	33.44 1.80 0.00	44.29 2.59 0.00	52.11 3.45 0.00	41.71 2.87 0.00	35.14 2.51 0.00	31.74 2.27 0.00	31.17 2.15 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.55 3.15 0.00	50.96 3.82 0.00	60.33 4.37 -0.03	53.09 3.93 -0.06	45.47 3.41 -0.94	41.97 2.82 -3.91	38.28 2.72 -2.40	36.20 2.49 -1.82	33.45 2.33 -0.86

BAYONEEC___CTG7 323688	31.58 2.09 0.00	30.69 1.96 0.00	29.81 1.90 0.00	29.27 1.71 0.00	29.97 1.62 0.00	33.44 1.80 0.00	44.29 2.59 0.00	52.11 3.45 0.00	41.71 2.87 0.00	35.14 2.51 0.00	31.74 2.27 0.00	31.17 2.15 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.55 3.15 0.00	50.96 3.82 0.00	60.33 4.37 -0.03	53.09 3.93 -0.06	45.47 3.41 -0.94	41.97 2.82 -3.91	38.28 2.72 -2.40	36.20 2.49 -1.82	33.45 2.33 -0.86
BAYONEEC___CTG8 323689	31.58 2.09 0.00	30.69 1.96 0.00	29.81 1.90 0.00	29.27 1.71 0.00	29.97 1.62 0.00	33.44 1.80 0.00	44.29 2.59 0.00	52.11 3.45 0.00	41.71 2.87 0.00	35.14 2.51 0.00	31.74 2.27 0.00	31.17 2.15 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.55 3.15 0.00	50.96 3.82 0.00	60.33 4.37 -0.03	53.09 3.93 -0.06	45.47 3.41 -0.94	41.97 2.82 -3.91	38.28 2.72 -2.40	36.20 2.49 -1.82	33.45 2.33 -0.86
BAYONEEC___CTG9 323749	31.58 2.09 0.00	30.69 1.96 0.00	29.81 1.90 0.00	29.27 1.71 0.00	29.97 1.62 0.00	33.44 1.80 0.00	44.29 2.59 0.00	52.11 3.45 0.00	41.71 2.87 0.00	35.14 2.51 0.00	31.74 2.27 0.00	31.17 2.15 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.55 3.15 0.00	50.96 3.82 0.00	60.33 4.37 -0.03	53.09 3.93 -0.06	45.47 3.41 -0.94	41.97 2.82 -3.91	38.28 2.72 -2.40	36.20 2.49 -1.82	33.45 2.33 -0.86
BEACON___LESR 323632	30.28 0.80 0.00	29.51 0.78 0.00	28.73 0.81 0.00	28.31 0.74 0.00	29.07 0.71 0.00	32.46 0.82 0.00	42.95 1.25 0.00	50.16 1.51 0.00	39.88 1.05 0.00	33.35 0.72 0.00	30.15 0.68 0.00	29.69 0.67 0.00	29.45 0.63 0.00	30.65 0.69 0.00	34.07 0.83 0.00	41.57 1.17 0.00	48.60 1.46 0.00	57.92 1.96 -0.04	50.89 1.72 -0.06	43.54 1.35 -1.07	40.82 1.16 -4.42	37.01 1.13 -2.72	34.91 0.96 -2.05	32.08 0.85 -0.97
BEAVER RIVER___HYD 24048	28.22 -1.27 0.00	27.73 -1.01 0.00	27.05 -0.87 0.00	26.85 -0.72 0.00	27.88 -0.48 0.00	31.45 -0.19 0.00	41.91 0.21 0.00	49.28 0.63 0.00	39.11 0.27 0.00	32.60 -0.03 0.00	29.44 -0.03 0.00	28.96 -0.06 0.00	28.79 -0.03 0.00	29.93 -0.03 0.00	33.24 0.00 0.00	40.39 0.00 0.00	47.47 0.33 0.00	56.66 0.73 0.00	49.70 0.59 0.00	41.73 0.58 -0.04	35.60 0.18 -0.18	32.84 -0.43 -0.11	31.34 -0.64 -0.08	29.57 -0.73 -0.04
BEEBEE_GT_13 23619	28.54 -0.94 0.00	27.70 -1.03 0.00	26.88 -1.03 0.00	26.68 -0.88 0.00	27.62 -0.74 0.00	30.72 -0.92 0.00	40.32 -1.38 0.00	46.32 -2.34 0.00	37.63 -1.20 0.00	31.98 -0.65 0.00	28.76 -0.71 0.00	28.56 -0.46 0.00	28.27 -0.55 0.00	29.24 -0.72 0.00	32.44 -0.80 0.00	38.90 -1.49 0.00	44.83 -2.31 0.00	52.86 -3.08 0.00	46.61 -2.50 -0.01	39.22 -2.01 -0.12	34.16 -1.59 -0.50	32.24 -1.23 -0.31	30.79 -1.34 -0.23	29.37 -1.00 -0.11
BENSHRST_27_KV_BENSHRST_1 355998	31.97 2.48 -0.01	31.02 2.27 -0.01	30.10 2.18 -0.01	29.56 1.98 -0.01	30.27 1.90 -0.01	33.73 2.09 0.00	44.53 2.84 0.00	52.35 3.70 0.00	41.82 2.99 0.00	35.34 2.71 0.00	31.92 2.45 0.00	31.32 2.29 0.00	31.15 2.33 0.00	32.48 2.52 0.00	35.96 2.73 0.00	43.75 3.35 0.00	51.19 4.05 0.00	60.66 4.70 -0.03	53.38 4.22 -0.06	45.76 3.70 -0.94	42.15 3.00 -3.91	38.52 2.95 -2.40	36.49 2.78 -1.82	33.78 2.66 -0.86
BETHLEHEM___GRP 23843	29.87 0.38 0.00	29.17 0.43 0.00	28.33 0.42 0.00	27.95 0.39 0.00	28.67 0.31 0.00	31.96 0.32 0.00	42.20 0.50 0.00	49.38 0.73 0.00	39.26 0.43 0.00	32.86 0.23 0.00	29.76 0.29 0.00	29.28 0.26 0.00	29.07 0.26 0.00	30.26 0.30 0.00	33.54 0.30 0.00	40.92 0.53 0.00	47.80 0.66 0.00	56.91 0.95 -0.04	50.00 0.83 -0.06	42.84 0.66 -1.07	40.23 0.56 -4.42	36.44 0.56 -2.72	34.43 0.48 -2.05	31.63 0.39 -0.97
BETHLEHEM___GS1 323560	29.84 0.36 0.00	29.11 0.37 0.00	28.36 0.45 0.00	27.95 0.39 0.00	28.67 0.31 0.00	31.96 0.32 0.00	42.20 0.50 0.00	49.33 0.68 0.00	39.26 0.43 0.00	32.86 0.23 0.00	29.73 0.26 0.00	29.28 0.26 0.00	29.07 0.26 0.00	30.26 0.30 0.00	33.53 0.30 0.00	40.92 0.52 0.00	47.80 0.66 0.00	56.86 0.89 -0.04	50.00 0.83 -0.06	42.84 0.66 -1.07	40.23 0.56 -4.42	36.44 0.56 -2.72	34.43 0.48 -2.05	31.62 0.39 -0.97
BETHLEHEM___GS2 323561	29.84 0.36 0.00	29.11 0.37 0.00	28.36 0.45 0.00	27.95 0.39 0.00	28.67 0.31 0.00	31.96 0.32 0.00	42.20 0.50 0.00	49.33 0.68 0.00	39.26 0.43 0.00	32.86 0.23 0.00	29.73 0.26 0.00	29.28 0.26 0.00	29.07 0.26 0.00	30.26 0.30 0.00	33.53 0.30 0.00	40.92 0.52 0.00	47.80 0.66 0.00	56.86 0.89 -0.04	50.00 0.83 -0.06	42.84 0.66 -1.07	40.23 0.56 -4.42	36.44 0.56 -2.72	34.43 0.48 -2.05	31.62 0.39 -0.97
BETHLEHEM___GS3 323562	29.84 0.36 0.00	29.11 0.37 0.00	28.36 0.45 0.00	27.95 0.39 0.00	28.67 0.31 0.00	31.96 0.32 0.00	42.20 0.50 0.00	49.33 0.68 0.00	39.26 0.43 0.00	32.86 0.23 0.00	29.73 0.26 0.00	29.28 0.26 0.00	29.07 0.26 0.00	30.26 0.30 0.00	33.53 0.30 0.00	40.92 0.52 0.00	47.80 0.66 0.00	56.86 0.89 -0.04	50.00 0.83 -0.06	42.84 0.66 -1.07	40.23 0.56 -4.42	36.44 0.56 -2.72	34.43 0.48 -2.05	31.62 0.39 -0.97
BETHLEHEM___STEEL 23779	28.63 -0.86 0.00	27.67 -1.06 0.00	26.85 -1.06 0.00	26.85 -0.72 0.00	27.85 -0.51 0.00	30.82 -0.82 0.00	40.32 -1.38 0.00	45.59 -3.07 0.00	37.55 -1.28 0.00	32.30 -0.33 0.00	28.94 -0.53 0.00	28.88 -0.15 0.00	28.53 -0.29 0.00	29.36 -0.60 0.00	32.50 -0.73 0.00	38.42 -1.98 0.00	44.03 -3.11 0.00	51.57 -4.36 -0.01	45.48 -3.63 -0.01	37.92 -3.33 -0.13	33.06 -2.71 -0.53	31.07 -2.42 -0.33	29.60 -2.55 -0.25	28.25 -2.15 -0.14
BETHLHEM_115KV_TB1 79974	29.96 0.47 0.00	29.23 0.49 0.00	28.42 0.50 0.00	28.01 0.44 0.00	28.73 0.37 0.00	32.05 0.41 0.00	42.32 0.63 0.00	49.48 0.83 0.00	39.38 0.54 0.00	32.96 0.33 0.00	29.85 0.38 0.00	29.37 0.35 0.00	29.16 0.35 0.00	30.35 0.39 0.00	33.63 0.40 0.00	41.04 0.65 0.00	47.94 0.80 0.00	57.03 1.06 -0.04	50.10 0.93 -0.06	42.96 0.78 -1.07	40.33 0.67 -4.42	36.54 0.66 -2.71	34.49 0.54 -2.05	31.72 0.48 -0.97
BETHPAGE_CC_5 323564	31.81 2.33 0.00	30.86 2.13 0.00	29.93 2.01 0.00	29.36 1.79 0.00	30.06 1.70 0.00	33.32 1.68 0.00	44.37 2.67 0.00	52.06 3.40 0.00	41.71 2.87 0.00	34.85 2.22 0.00	31.80 2.33 0.00	31.14 2.12 0.00	30.80 1.99 0.00	32.30 2.34 0.00	36.09 2.86 0.00	43.96 3.56 -0.01	54.00 4.15 -2.71	67.26 4.81 -6.52	59.63 4.22 -6.31	53.27 3.70 -8.45	48.37 3.14 -9.99	45.18 3.12 -8.91	38.18 2.90 -3.38	33.83 2.69 -0.88
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	28.75 -0.74 0.00	27.79 -0.95 0.00	26.97 -0.95 0.00	26.96 -0.61 0.00	27.96 -0.40 0.00	30.94 -0.70 0.00	40.53 -1.17 0.00	45.83 -2.82 0.00	37.74 -1.09 0.00	32.43 -0.20 0.00	29.09 -0.38 0.00	28.99 -0.03 0.00	28.64 -0.17 0.00	29.51 -0.45 0.00	32.64 -0.60 0.00	38.58 -1.82 0.00	44.26 -2.88 0.00	51.91 -4.03 -0.01	45.68 -3.44 -0.01	38.04 -3.21 -0.13	33.14 -2.64 -0.54	31.04 -2.45 -0.33	29.60 -2.55 -0.25	28.16 -2.24 -0.14

BINGHAMTON___COGEN 23790	29.87 0.38 0.00	29.02 0.29 0.00	28.19 0.28 0.00	27.87 0.30 0.00	28.73 0.37 0.00	32.05 0.41 0.00	42.24 0.54 0.00	49.14 0.49 0.00	39.41 0.58 0.00	33.28 0.65 0.00	30.00 0.53 0.00	29.54 0.52 0.00	29.30 0.49 0.00	30.38 0.42 0.00	33.73 0.50 0.00	40.76 0.36 0.00	47.52 0.38 0.00	56.27 0.34 -0.01	49.42 0.29 -0.02	41.60 0.16 -0.32	36.70 0.14 -1.32	34.07 0.10 -0.81	32.51 0.00 -0.61	30.52 -0.03 -0.29
BIXINCNT_115KV_LOAD 355685	29.07 -0.41 0.00	28.02 -0.72 0.00	27.22 -0.70 0.00	27.26 -0.30 0.00	28.16 -0.20 0.00	31.29 -0.35 0.00	41.12 -0.58 0.00	46.42 -2.24 0.00	38.25 -0.58 0.00	32.70 0.07 0.00	29.29 -0.18 0.00	29.20 0.17 0.00	28.79 -0.03 0.00	29.66 -0.30 0.00	32.90 -0.33 0.00	38.90 -1.49 0.00	44.74 -2.40 0.00	52.63 -3.30 -0.01	46.12 -3.00 -0.01	38.18 -3.08 -0.14	33.18 -2.64 -0.58	30.74 -2.79 -0.36	29.27 -2.90 -0.27	27.63 -2.78 -0.15
BLACK RIVER___HYD 24047	28.45 -1.03 0.00	27.88 -0.86 0.00	27.16 -0.75 0.00	26.90 -0.66 0.00	27.88 -0.48 0.00	31.39 -0.25 0.00	41.82 0.13 0.00	49.19 0.54 0.00	39.03 0.20 0.00	32.50 -0.13 0.00	29.29 -0.18 0.00	28.76 -0.26 0.00	28.55 -0.26 0.00	29.66 -0.30 0.00	32.94 -0.30 0.00	40.11 -0.28 0.00	47.19 0.05 0.00	56.32 0.39 0.00	49.50 0.39 0.00	41.54 0.37 -0.06	35.58 0.11 -0.23	32.91 -0.40 -0.14	31.46 -0.54 -0.11	29.61 -0.69 -0.05
BLACKRVR_115KV_TB2 79977	28.42 -1.06 0.00	27.90 -0.83 0.00	27.16 -0.75 0.00	26.90 -0.66 0.00	27.93 -0.43 0.00	31.39 -0.25 0.00	41.82 0.13 0.00	49.19 0.54 0.00	39.03 0.19 0.00	32.50 -0.13 0.00	29.29 -0.18 0.00	28.76 -0.26 0.00	28.53 -0.29 0.00	29.63 -0.33 0.00	32.94 -0.30 0.00	40.11 -0.28 0.00	47.19 0.05 0.00	56.27 0.34 0.00	49.50 0.39 0.00	41.54 0.37 -0.06	35.58 0.11 -0.23	32.91 -0.40 -0.14	31.46 -0.54 -0.11	29.61 -0.70 -0.05
BLISS_WT_PWR 323608	29.19 -0.29 0.00	28.19 -0.55 0.00	27.22 -0.70 0.00	27.26 -0.30 0.00	28.16 -0.20 0.00	31.32 -0.32 0.00	41.20 -0.50 0.00	46.66 -2.00 0.00	38.25 -0.58 0.00	32.66 0.03 0.00	29.41 -0.06 0.00	29.17 0.15 0.00	28.87 0.06 0.00	29.63 -0.33 0.00	32.87 -0.36 0.00	38.86 -1.53 0.00	44.69 -2.45 0.00	52.69 -3.25 -0.01	46.12 -3.00 -0.01	38.13 -3.13 -0.14	33.11 -2.71 -0.58	30.64 -2.89 -0.36	29.17 -3.00 -0.27	27.53 -2.88 -0.15
BLUESTONE___WT_PWR 323821	31.11 1.62 0.00	30.35 1.61 0.00	29.48 1.56 0.00	29.08 1.52 0.00	30.00 1.64 0.00	33.54 1.90 0.00	44.49 2.79 0.00	52.16 3.51 0.00	41.55 2.72 0.00	34.82 2.19 0.00	31.33 1.86 0.00	30.76 1.74 0.00	30.54 1.73 0.00	31.76 1.80 0.00	35.33 2.10 0.00	42.90 2.51 0.00	50.30 3.16 0.00	59.69 3.75 -0.01	52.37 3.24 -0.03	44.20 2.63 -0.45	39.34 2.22 -1.87	36.13 1.82 -1.15	34.39 1.63 -0.87	32.07 1.39 -0.41
BLUE_CIRC_CHEM_DRP 24182	30.25 0.77 0.00	29.51 0.78 0.00	28.67 0.75 0.00	28.28 0.72 0.00	29.04 0.68 0.00	32.40 0.76 0.00	42.78 1.08 0.00	49.92 1.26 0.00	39.65 0.82 0.00	33.15 0.52 0.00	29.94 0.47 0.00	29.43 0.41 0.00	29.22 0.40 0.00	30.44 0.48 0.00	33.87 0.63 0.00	41.36 0.97 0.00	48.32 1.18 0.00	57.53 1.57 -0.03	50.54 1.37 -0.06	43.28 1.11 -1.05	40.56 0.95 -4.36	36.77 0.93 -2.68	34.72 0.80 -2.03	31.95 0.73 -0.96
BOC_GAS_DRP 24189	30.16 0.68 0.00	29.40 0.66 0.00	28.56 0.64 0.00	28.14 0.58 0.00	28.90 0.54 0.00	32.24 0.60 0.00	42.57 0.88 0.00	49.77 1.12 0.00	39.65 0.82 0.00	33.25 0.62 0.00	30.06 0.59 0.00	29.54 0.52 0.00	29.33 0.52 0.00	30.56 0.60 0.00	33.90 0.66 0.00	41.32 0.93 0.00	48.27 1.13 0.00	57.36 1.40 -0.03	50.40 1.23 -0.06	43.21 1.03 -1.06	40.56 0.92 -4.40	36.73 0.86 -2.70	34.71 0.77 -2.04	31.92 0.70 -0.97
BOONVILLE_115KV_TB1 79983	29.48 0.00 0.00	28.88 0.14 0.00	28.11 0.20 0.00	27.78 0.22 0.00	28.78 0.43 0.00	32.24 0.60 0.00	42.78 1.08 0.00	50.16 1.51 0.00	39.92 1.09 0.00	33.38 0.75 0.00	30.12 0.65 0.00	29.60 0.58 0.00	29.39 0.58 0.00	30.56 0.60 0.00	33.97 0.73 0.00	41.28 0.89 0.00	48.41 1.27 0.00	57.61 1.68 0.00	50.58 1.47 0.00	42.34 1.19 -0.04	36.24 0.85 -0.15	33.69 0.43 -0.09	32.29 0.32 -0.07	30.47 0.18 -0.03
BORALEX_4TH_BRANCH 23824	31.19 1.71 0.00	30.40 1.67 0.00	29.42 1.51 0.00	29.05 1.49 0.00	29.80 1.45 0.00	33.41 1.77 0.00	44.33 2.63 0.00	51.91 3.26 0.00	41.05 2.21 0.00	34.20 1.57 0.00	30.86 1.39 0.00	30.30 1.28 0.00	30.08 1.27 0.00	31.49 1.53 0.00	35.00 1.76 0.00	42.94 2.54 0.00	50.25 3.11 0.00	59.71 3.75 -0.04	52.46 3.29 -0.06	44.85 2.67 -1.07	42.02 2.36 -4.41	38.06 2.19 -2.71	35.96 2.01 -2.05	33.02 1.79 -0.97
BOWLINE___1 23526	31.22 1.74 0.00	30.35 1.61 0.00	29.48 1.56 0.00	29.00 1.43 0.00	29.75 1.39 0.00	33.16 1.52 0.00	43.95 2.25 0.00	51.62 2.97 0.00	41.24 2.41 0.00	34.69 2.06 0.00	31.33 1.86 0.00	30.76 1.74 0.00	30.54 1.73 0.00	31.82 1.86 0.00	35.30 2.06 0.00	43.02 2.62 0.00	50.39 3.25 0.00	59.76 3.81 -0.03	52.55 3.39 -0.06	44.92 2.88 -0.93	41.49 2.40 -3.85	37.78 2.26 -2.37	35.73 2.04 -1.79	32.98 1.88 -0.85
BOWLINE___2 23595	31.22 1.74 0.00	30.35 1.61 0.00	29.48 1.56 0.00	29.00 1.43 0.00	29.75 1.39 0.00	33.16 1.52 0.00	43.95 2.25 0.00	51.62 2.97 0.00	41.24 2.41 0.00	34.69 2.06 0.00	31.33 1.86 0.00	30.76 1.74 0.00	30.54 1.73 0.00	31.82 1.86 0.00	35.30 2.06 0.00	43.02 2.62 0.00	50.39 3.25 0.00	59.76 3.81 -0.03	52.55 3.39 -0.06	44.92 2.88 -0.93	41.49 2.40 -3.85	37.81 2.29 -2.37	35.73 2.04 -1.79	32.98 1.88 -0.85
BRADY___115KV_TB2 356060	27.21 -2.27 0.00	27.19 -1.55 0.00	26.55 -1.37 0.00	26.63 -0.94 0.00	27.56 -0.79 0.00	31.26 -0.38 0.00	41.95 0.25 0.00	49.19 0.54 0.00	38.75 -0.08 0.00	32.34 -0.29 0.00	29.50 0.03 0.00	29.20 0.17 0.00	29.16 0.35 0.00	30.44 0.48 0.00	33.67 0.43 0.00	40.52 0.12 0.00	47.56 0.42 0.00	57.10 1.17 0.00	49.79 0.69 0.00	42.04 0.90 -0.02	35.80 0.46 -0.09	32.85 -0.36 -0.06	31.14 -0.80 -0.04	29.73 -0.54 -0.02
BRANSCOMB___SOLAR 323811	30.78 1.30 0.00	30.03 1.29 0.00	29.14 1.23 0.00	28.72 1.16 0.00	29.52 1.16 0.00	33.10 1.46 0.00	43.87 2.17 0.00	51.23 2.58 0.00	40.62 1.79 0.00	33.90 1.27 0.00	30.47 1.00 0.00	29.95 0.93 0.00	29.74 0.92 0.00	31.04 1.08 0.00	34.53 1.29 0.00	42.25 1.86 0.00	49.45 2.31 0.00	58.82 2.85 -0.04	51.72 2.55 -0.06	44.22 2.01 -1.09	41.48 1.73 -4.51	37.53 1.59 -2.77	35.46 1.47 -2.10	32.83 1.57 -0.99
BRENTWOD_69_KV_W. BRTWOOD 56703	32.05 2.57 0.00	31.06 2.33 0.00	30.06 2.15 0.00	29.49 1.93 0.00	30.17 1.81 0.00	33.57 1.93 0.00	44.62 2.92 0.00	52.50 3.84 0.00	41.74 2.91 0.00	34.78 2.15 0.00	31.89 2.42 0.00	31.17 2.15 0.00	31.15 2.33 0.00	32.54 2.58 0.00	36.16 2.92 0.00	44.24 3.84 -0.01	54.07 4.53 -2.41	66.92 5.20 -5.79	59.17 4.57 -5.50	52.71 3.99 -7.61	47.94 3.38 -9.31	44.69 3.35 -8.18	38.33 3.22 -3.21	34.10 2.97 -0.88

BRISTLHL_115KV_TB1 79998	28.95 -0.53 0.00	28.19 -0.55 0.00	27.38 -0.53 0.00	27.04 -0.52 0.00	27.88 -0.48 0.00	31.07 -0.57 0.00	40.82 -0.88 0.00	47.53 -1.12 0.00	38.02 -0.82 0.00	32.01 -0.62 0.00	28.91 -0.56 0.00	28.50 -0.52 0.00	28.27 -0.55 0.00	29.33 -0.63 0.00	32.54 -0.70 0.00	39.43 -0.97 0.00	45.91 -1.23 0.00	54.42 -1.51 0.00	47.78 -1.33 0.00	40.09 -1.11 -0.08	34.67 -0.92 -0.34	32.54 -0.83 -0.21	31.35 -0.70 -0.16	29.67 -0.67 -0.08
BROOKHAVEN___DRP 24191	31.99 2.51 0.00	31.06 2.33 0.00	30.06 2.15 0.00	29.47 1.90 0.00	30.00 1.64 0.00	33.22 1.58 0.00	43.74 2.04 0.00	51.52 2.87 0.00	40.93 2.10 0.00	34.03 1.40 0.00	31.56 2.09 0.00	30.85 1.83 0.00	30.95 2.13 0.00	32.21 2.25 0.00	35.56 2.33 0.00	43.80 3.39 -0.01	53.90 4.38 -2.38	66.51 4.87 -5.71	58.59 4.08 -5.41	52.45 3.82 -7.51	47.72 3.24 -9.23	44.44 3.18 -8.10	38.37 3.29 -3.19	34.19 3.06 -0.88
BROOKLYN_NAVY_YARD 23515	31.55 2.06 0.00	30.66 1.93 0.00	29.76 1.84 0.00	29.22 1.65 0.00	29.92 1.56 0.00	33.41 1.77 0.00	44.20 2.50 0.00	52.01 3.35 0.00	41.63 2.80 0.00	35.14 2.51 0.00	31.74 2.27 0.00	31.17 2.15 0.00	30.95 2.13 0.00	32.27 2.31 0.00	35.76 2.52 0.00	43.46 3.07 0.00	50.86 3.72 0.00	60.21 4.25 -0.03	52.99 3.83 -0.06	45.39 3.33 -0.94	41.94 2.78 -3.91	38.25 2.68 -2.40	36.20 2.49 -1.82	33.42 2.30 -0.86
BROOKLYN___ARMY_DRP 323595	31.85 2.36 -0.01	30.93 2.18 -0.01	30.02 2.09 -0.01	29.47 1.90 -0.01	30.18 1.81 -0.01	33.63 1.99 0.00	44.37 2.67 0.00	52.16 3.50 0.00	41.67 2.83 0.00	35.17 2.55 0.00	31.80 2.33 0.00	31.20 2.18 0.00	31.00 2.19 0.00	32.33 2.37 0.00	35.80 2.56 0.00	43.59 3.19 0.00	50.96 3.82 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.55 3.49 -0.94	41.97 2.82 -3.91	38.35 2.79 -2.40	36.36 2.65 -1.82	33.66 2.54 -0.86
BROOKVLE_69_KV_TB1 55790	31.84 2.36 0.00	30.89 2.16 0.00	29.93 2.01 0.00	29.38 1.82 0.00	30.09 1.73 0.00	33.60 1.96 0.00	44.62 2.92 0.00	52.55 3.89 0.00	41.86 3.03 0.00	35.08 2.45 0.00	31.89 2.42 0.00	31.23 2.21 0.00	31.09 2.28 0.00	32.48 2.52 0.00	36.09 2.86 0.00	44.00 3.60 -0.01	55.06 4.24 -3.67	69.69 4.92 -8.84	62.28 4.37 -8.80	55.99 3.74 -11.13	50.53 3.14 -12.15	47.40 3.02 -11.22	38.64 2.81 -3.94	33.71 2.57 -0.88
BROOME_2_LFGE 323671	29.87 0.38 0.00	29.05 0.32 0.00	28.19 0.28 0.00	27.87 0.30 0.00	28.75 0.40 0.00	32.05 0.41 0.00	42.24 0.54 0.00	49.19 0.54 0.00	39.42 0.58 0.00	33.28 0.65 0.00	30.00 0.53 0.00	29.55 0.52 0.00	29.33 0.52 0.00	30.38 0.42 0.00	33.74 0.50 0.00	40.76 0.36 0.00	47.52 0.38 0.00	56.33 0.39 -0.01	49.42 0.30 -0.02	41.60 0.17 -0.32	36.70 0.14 -1.32	34.07 0.10 -0.81	32.51 0.00 -0.61	30.52 -0.03 -0.29
BROOME___LFGE 323600	29.87 0.38 0.00	29.05 0.32 0.00	28.19 0.28 0.00	27.87 0.30 0.00	28.75 0.40 0.00	32.05 0.41 0.00	42.24 0.54 0.00	49.19 0.54 0.00	39.42 0.58 0.00	33.28 0.65 0.00	30.00 0.53 0.00	29.55 0.52 0.00	29.33 0.52 0.00	30.38 0.42 0.00	33.74 0.50 0.00	40.76 0.36 0.00	47.52 0.38 0.00	56.33 0.39 -0.01	49.42 0.30 -0.02	41.60 0.17 -0.32	36.70 0.14 -1.32	34.07 0.10 -0.81	32.51 0.00 -0.61	30.52 -0.03 -0.29
BROWNFLS_115KV_TB_3_5 80003	27.60 -1.89 0.00	27.33 -1.41 0.00	26.63 -1.28 0.00	26.54 -1.02 0.00	27.59 -0.77 0.00	31.13 -0.51 0.00	41.62 -0.08 0.00	48.90 0.24 0.00	38.83 0.00 0.00	32.40 -0.23 0.00	29.38 -0.09 0.00	28.96 -0.06 0.00	28.84 0.03 0.00	30.05 0.09 0.00	33.30 0.07 0.00	40.31 -0.08 0.00	47.33 0.19 0.00	56.66 0.73 0.00	49.55 0.44 0.00	41.69 0.53 -0.03	35.53 0.14 -0.14	32.69 -0.56 -0.09	31.10 -0.86 -0.07	29.47 -0.82 -0.03
BROWNSV1_27_KV_LOAD 356125	31.84 2.36 0.00	30.89 2.16 0.00	29.98 2.07 0.00	29.44 1.87 0.00	30.14 1.79 0.00	33.67 2.03 0.00	44.62 2.92 0.00	52.59 3.94 0.00	42.02 3.18 0.00	35.44 2.81 0.00	32.03 2.56 0.00	31.40 2.38 0.00	31.23 2.42 0.00	32.57 2.61 0.00	36.03 2.79 0.00	43.87 3.47 0.00	51.34 4.20 0.00	60.83 4.87 -0.03	53.53 4.37 -0.06	45.80 3.74 -0.94	42.25 3.10 -3.91	38.55 2.98 -2.40	36.46 2.74 -1.82	33.66 2.54 -0.86
BURROWS___LYONSDAL 23803	29.19 -0.29 0.00	28.62 -0.11 0.00	27.86 -0.06 0.00	27.56 0.00 0.00	28.61 0.26 0.00	32.08 0.44 0.00	42.62 0.92 0.00	50.02 1.36 0.00	39.76 0.93 0.00	33.22 0.59 0.00	29.97 0.50 0.00	29.49 0.46 0.00	29.27 0.46 0.00	30.44 0.48 0.00	33.80 0.57 0.00	41.12 0.73 0.00	48.22 1.08 0.00	57.44 1.51 0.00	50.43 1.33 0.00	42.22 1.07 -0.04	36.07 0.67 -0.16	33.49 0.23 -0.10	32.07 0.10 -0.07	30.26 -0.03 -0.03
CAITHNESS_CC_1 323624	31.87 2.39 0.00	30.92 2.18 0.00	29.93 2.07 0.00	29.36 1.85 0.00	30.06 1.64 0.00	33.51 1.20 0.00	44.53 1.92 0.00	52.50 2.53 0.00	41.74 2.21 0.00	34.88 1.50 0.00	31.83 2.03 0.00	31.14 1.80 0.00	31.06 1.64 0.00	32.45 1.95 0.00	36.09 2.36 0.00	43.92 3.35 -0.01	54.11 4.24 -2.37	67.58 4.75 -5.71	59.99 3.88 -5.41	53.66 3.74 -7.51	48.64 3.17 -9.23	45.55 3.12 -8.09	38.30 3.16 -3.19	33.83 2.93 -0.88
CALPINE BETH_PAGE_GT4 24209	31.87 2.39 0.00	30.92 2.18 0.00	29.93 2.01 0.00	29.36 1.79 0.00	30.06 1.70 0.00	33.51 1.87 0.00	44.53 2.84 0.00	52.50 3.84 0.00	41.74 2.91 0.00	34.88 2.25 0.00	31.83 2.36 0.00	31.14 2.12 0.00	31.06 2.25 0.00	32.45 2.49 0.00	36.09 2.86 0.00	43.92 3.51 -0.01	54.11 4.10 -2.87	67.58 4.75 -6.89	59.99 4.17 -6.71	53.66 3.66 -8.88	48.64 3.07 -10.33	45.55 3.12 -9.27	38.30 2.93 -3.47	33.83 2.69 -0.88
CALPINE_BETH_PAGE_GT_4 323586	31.84 2.36 0.00	30.86 2.13 0.00	29.93 2.01 0.00	29.36 1.79 0.00	30.09 1.73 0.00	33.35 1.71 0.00	44.37 2.67 0.00	52.11 3.45 0.00	41.75 2.91 0.00	34.88 2.25 0.00	31.80 2.33 0.00	31.14 2.12 0.00	30.80 1.99 0.00	32.30 2.34 0.00	36.09 2.86 0.00	43.92 3.51 -0.01	54.10 4.10 -2.87	67.52 4.70 -6.89	59.99 4.17 -6.71	53.65 3.66 -8.88	48.64 3.06 -10.33	45.55 3.12 -9.27	38.27 2.90 -3.47	33.83 2.69 -0.88
CALPINE_BP_GT1 23823	31.84 2.36 0.00	30.86 2.13 0.00	29.93 2.01 0.00	29.36 1.79 0.00	30.09 1.73 0.00	33.35 1.71 0.00	44.37 2.67 0.00	52.11 3.45 0.00	41.75 2.91 0.00	34.88 2.25 0.00	31.80 2.33 0.00	31.14 2.12 0.00	30.80 1.99 0.00	32.30 2.34 0.00	36.09 2.86 0.00	43.92 3.51 -0.01	54.10 4.10 -2.87	67.52 4.70 -6.89	59.99 4.17 -6.71	53.65 3.66 -8.88	48.64 3.06 -10.33	45.55 3.12 -9.27	38.27 2.90 -3.47	33.83 2.69 -0.88
CALSPAN___DRP 24200	28.63 -0.86 0.00	27.67 -1.06 0.00	26.85 -1.06 0.00	26.85 -0.72 0.00	27.85 -0.51 0.00	30.82 -0.82 0.00	40.32 -1.38 0.00	45.59 -3.07 0.00	37.55 -1.28 0.00	32.30 -0.33 0.00	28.94 -0.53 0.00	28.88 -0.15 0.00	28.53 -0.29 0.00	29.36 -0.60 0.00	32.50 -0.73 0.00	38.42 -1.98 0.00	44.03 -3.11 0.00	51.57 -4.36 -0.01	45.48 -3.63 -0.01	37.92 -3.33 -0.13	33.06 -2.71 -0.53	31.07 -2.42 -0.33	29.60 -2.55 -0.25	28.25 -2.15 -0.14

CALVERTON___SOLAR 323806	32.02 2.54 0.00	31.06 2.33 0.00	30.12 2.20 0.00	29.52 1.96 0.00	30.06 1.70 0.00	32.75 1.11 0.00	43.45 1.75 0.00	51.04 2.38 0.00	40.85 2.02 0.00	33.94 1.31 0.00	31.53 2.06 0.00	30.85 1.83 0.00	30.48 1.67 0.00	31.88 1.92 0.00	35.53 2.29 0.00	43.80 3.39 -0.01	54.04 4.53 -2.38	66.62 4.98 -5.71	58.49 3.98 -5.41	52.58 3.95 -7.51	47.83 3.35 -9.23	44.54 3.28 -8.10	38.50 3.41 -3.19	34.31 3.18 -0.88
CANDIGU_WT_PWR 323617	29.28 -0.20 0.00	28.42 -0.32 0.00	27.52 -0.39 0.00	27.34 -0.22 0.00	28.33 -0.03 0.00	31.51 -0.13 0.00	41.45 -0.25 0.00	47.73 -0.93 0.00	38.60 -0.23 0.00	32.89 0.26 0.00	29.62 0.15 0.00	29.23 0.20 0.00	28.99 0.17 0.00	29.84 -0.12 0.00	33.10 -0.13 0.00	39.51 -0.89 0.00	45.73 -1.41 0.00	53.87 -2.07 -0.01	47.25 -1.87 -0.01	39.51 -1.81 -0.20	34.56 -1.51 -0.83	32.18 -1.49 -0.51	30.63 -1.66 -0.39	28.94 -1.51 -0.20
CARR STREET_E_SYR 24060	29.22 -0.27 0.00	28.45 -0.29 0.00	27.61 -0.31 0.00	27.26 -0.30 0.00	28.13 -0.23 0.00	31.32 -0.32 0.00	41.20 -0.50 0.00	47.97 -0.68 0.00	38.41 -0.43 0.00	32.34 -0.29 0.00	29.20 -0.27 0.00	28.79 -0.23 0.00	28.55 -0.26 0.00	29.63 -0.33 0.00	32.87 -0.36 0.00	39.79 -0.60 0.00	46.34 -0.80 0.00	54.93 -1.01 0.00	48.23 -0.88 -0.01	40.43 -0.78 -0.09	34.99 -0.63 -0.38	32.87 -0.53 -0.24	31.60 -0.48 -0.18	29.92 -0.42 -0.08
CARTHAGE___PAPER 23857	28.27 -1.21 0.00	27.73 -1.01 0.00	27.08 -0.84 0.00	26.82 -0.74 0.00	27.82 -0.54 0.00	31.39 -0.25 0.00	41.87 0.17 0.00	49.24 0.59 0.00	39.07 0.23 0.00	32.53 -0.10 0.00	29.35 -0.12 0.00	28.85 -0.17 0.00	28.64 -0.17 0.00	29.78 -0.18 0.00	33.07 -0.17 0.00	40.23 -0.16 0.00	47.33 0.19 0.00	56.55 0.62 0.00	49.70 0.59 0.00	41.70 0.53 -0.05	35.63 0.18 -0.21	32.90 -0.40 -0.13	31.39 -0.61 -0.10	29.58 -0.73 -0.05
CASSADAGA_WT_PWR 323784	29.51 0.03 0.00	28.54 -0.20 0.00	27.52 -0.39 0.00	27.56 0.00 0.00	28.64 0.28 0.00	31.64 0.00 0.00	41.66 -0.04 0.00	47.34 -1.31 0.00	38.56 -0.27 0.00	33.09 0.46 0.00	29.79 0.32 0.00	29.52 0.49 0.00	29.22 0.40 0.00	29.99 0.03 0.00	33.10 -0.13 0.00	39.02 -1.37 0.00	44.69 -2.45 0.00	52.30 -3.63 -0.01	45.73 -3.39 -0.01	37.89 -3.37 -0.14	32.99 -2.82 -0.57	30.86 -2.65 -0.35	29.36 -2.81 -0.27	27.87 -2.54 -0.15
CE_DUNWOOD___DRP 24194	31.43 1.95 0.00	30.52 1.78 0.00	29.62 1.70 0.00	29.14 1.57 0.00	29.83 1.47 0.00	33.35 1.71 0.00	44.16 2.46 0.00	52.01 3.36 0.00	41.43 2.60 0.00	34.88 2.25 0.00	31.53 2.06 0.00	30.94 1.92 0.00	30.77 1.96 0.00	32.06 2.10 0.00	35.53 2.29 0.00	43.30 2.91 0.00	50.68 3.54 0.00	60.10 4.14 -0.03	52.84 3.68 -0.06	45.18 3.12 -0.94	41.76 2.61 -3.90	38.05 2.49 -2.40	35.98 2.26 -1.81	33.21 2.09 -0.86
CE_MILLWOOD___DRP 24193	31.34 1.86 0.00	30.46 1.72 0.00	29.56 1.65 0.00	29.08 1.52 0.00	29.80 1.45 0.00	33.29 1.65 0.00	44.12 2.42 0.00	51.86 3.21 0.00	41.36 2.52 0.00	34.78 2.15 0.00	31.44 1.97 0.00	30.85 1.83 0.00	30.66 1.84 0.00	31.97 2.01 0.00	35.43 2.19 0.00	43.18 2.79 0.00	50.53 3.39 0.00	59.99 4.03 -0.03	52.75 3.58 -0.06	45.10 3.04 -0.94	41.68 2.54 -3.90	37.94 2.39 -2.40	35.91 2.20 -1.81	33.11 2.00 -0.86
CE_NYC2_DRP 24202	31.82 2.33 -0.01	30.90 2.16 -0.01	29.96 2.04 -0.01	29.45 1.87 -0.01	30.15 1.79 -0.01	33.60 1.96 0.00	44.24 2.54 0.00	52.06 3.41 0.00	41.67 2.83 0.00	35.17 2.55 0.00	31.83 2.36 0.00	31.20 2.18 0.00	31.03 2.22 0.00	32.33 2.37 0.00	35.80 2.56 0.00	43.55 3.15 0.00	50.86 3.72 0.00	60.21 4.25 -0.03	52.99 3.83 -0.06	45.43 3.37 -0.94	41.90 2.75 -3.91	38.25 2.69 -2.40	36.27 2.55 -1.82	33.60 2.48 -0.86
CE_NYC_DRP 24195	31.67 2.18 0.00	30.75 2.01 0.00	29.84 1.93 0.00	29.30 1.74 0.00	29.97 1.62 0.00	33.48 1.84 0.00	43.66 2.63 0.67	51.11 3.60 1.15	41.44 2.91 0.30	35.17 2.55 0.00	31.83 2.36 0.00	31.20 2.18 0.00	31.03 2.22 0.00	32.36 2.40 0.00	35.83 2.59 0.00	43.42 3.19 0.17	50.40 3.87 0.60	58.91 4.47 1.49	51.93 3.98 1.15	44.96 3.41 -0.44	41.98 2.85 -3.88	38.32 2.75 -2.40	36.27 2.55 -1.82	33.51 2.39 -0.86
CHAFFEE___LFGE 323603	28.90 -0.59 0.00	27.90 -0.83 0.00	26.91 -1.00 0.00	26.93 -0.63 0.00	27.96 -0.40 0.00	30.91 -0.73 0.00	40.58 -1.12 0.00	46.17 -2.48 0.00	37.75 -1.09 0.00	32.47 -0.16 0.00	29.27 -0.20 0.00	28.99 -0.03 0.00	28.76 -0.06 0.00	29.51 -0.45 0.00	32.67 -0.57 0.00	38.62 -1.78 0.00	44.31 -2.83 0.00	52.02 -3.92 -0.01	45.77 -3.34 -0.01	38.09 -3.17 -0.14	33.23 -2.57 -0.56	31.15 -2.35 -0.34	29.67 -2.49 -0.26	28.26 -2.15 -0.15
CHATEAUG_35_KV_LOAD 355732	26.33 -3.15 0.00	26.38 -2.36 0.00	25.74 -2.18 0.00	25.86 -1.71 0.00	26.80 -1.56 0.00	30.41 -1.23 0.00	40.87 -0.83 0.00	47.92 -0.73 0.00	37.78 -1.05 0.00	31.72 -0.91 0.00	29.00 -0.47 0.00	28.73 -0.29 0.00	28.73 -0.09 0.00	30.05 0.09 0.00	33.30 0.07 0.00	40.15 -0.24 0.00	47.05 -0.09 0.00	56.32 0.39 0.00	49.06 -0.05 0.00	41.42 0.29 -0.02	35.29 -0.04 -0.08	32.45 -0.76 -0.05	30.76 -1.18 -0.04	29.40 -0.88 -0.02
CHATEAUG_WT_PWR 323614	26.33 -3.15 0.00	26.18 -2.56 0.00	25.74 -2.18 0.00	25.86 -1.71 0.00	26.54 -1.82 0.00	30.41 -1.23 0.00	40.87 -0.83 0.00	47.87 -0.78 0.00	37.82 -1.01 0.00	31.75 -0.88 0.00	29.03 -0.44 0.00	28.79 -0.23 0.00	28.79 -0.03 0.00	30.14 0.18 0.00	33.37 0.13 0.00	40.23 -0.16 0.00	47.14 0.00 0.00	56.43 0.50 0.00	49.16 0.05 0.00	41.50 0.37 -0.02	35.32 0.00 -0.08	32.51 -0.70 -0.05	30.82 -1.12 -0.04	29.43 -0.85 -0.02
CHAT_HIGH_FALL_HYD 323578	26.33 -3.15 0.00	26.38 -2.36 0.00	25.74 -2.18 0.00	25.86 -1.71 0.00	26.80 -1.56 0.00	30.41 -1.23 0.00	40.87 -0.83 0.00	47.92 -0.73 0.00	37.78 -1.05 0.00	31.72 -0.91 0.00	29.00 -0.47 0.00	28.73 -0.29 0.00	28.73 -0.09 0.00	30.05 0.09 0.00	33.30 0.07 0.00	40.15 -0.24 0.00	47.05 -0.09 0.00	56.32 0.39 0.00	49.06 -0.05 0.00	41.42 0.29 -0.02	35.29 -0.04 -0.08	32.45 -0.76 -0.05	30.76 -1.18 -0.04	29.40 -0.88 -0.02
CHAUTAUQUA___LFGE 323629	29.13 -0.35 0.00	28.13 -0.60 0.00	27.13 -0.78 0.00	27.15 -0.41 0.00	28.22 -0.14 0.00	31.17 -0.47 0.00	40.95 -0.75 0.00	46.51 -2.14 0.00	37.98 -0.85 0.00	32.63 0.00 0.00	29.41 -0.06 0.00	29.14 0.12 0.00	28.87 0.06 0.00	29.66 -0.30 0.00	32.77 -0.47 0.00	38.70 -1.70 0.00	44.31 -2.83 0.00	51.96 -3.97 -0.01	45.63 -3.49 -0.01	37.96 -3.29 -0.14	33.11 -2.68 -0.55	31.11 -2.39 -0.34	29.64 -2.52 -0.26	28.23 -2.18 -0.15
CHERRYST_13_KV_LD 356241	31.73 2.24 0.00	30.81 2.07 0.00	29.90 1.98 0.00	29.36 1.79 0.00	30.03 1.67 0.00	33.54 1.90 0.00	43.79 2.75 0.67	51.25 3.75 1.15	41.56 3.03 0.30	35.31 2.68 0.00	31.92 2.45 0.00	31.32 2.29 0.00	31.15 2.33 0.00	32.45 2.49 0.00	35.93 2.69 0.00	43.58 3.35 0.17	50.54 4.01 0.60	59.08 4.64 1.49	52.08 4.12 1.15	45.09 3.54 -0.44	42.09 2.96 -3.88	38.42 2.85 -2.40	36.36 2.65 -1.82	33.57 2.45 -0.86

CHESTROR_138KV_BK263 355645	31.14 1.65 0.00	30.26 1.52 0.00	29.37 1.45 0.00	28.92 1.35 0.00	29.63 1.28 0.00	33.10 1.46 0.00	43.87 2.17 0.00	51.48 2.82 0.00	41.05 2.21 0.00	34.49 1.86 0.00	31.15 1.68 0.00	30.56 1.54 0.00	30.37 1.56 0.00	31.64 1.68 0.00	35.10 1.86 0.00	42.82 2.42 0.00	50.11 2.97 0.00	59.48 3.52 -0.03	52.30 3.14 -0.05	44.69 2.67 -0.90	41.21 2.22 -3.75	37.56 2.09 -2.30	35.49 1.85 -1.74	32.81 1.72 -0.83
CH_MIDHUDSON___DRP 24192	31.25 1.77 0.00	30.37 1.64 0.00	29.51 1.59 0.00	29.03 1.46 0.00	29.78 1.42 0.00	33.22 1.58 0.00	44.08 2.38 0.00	51.77 3.11 0.00	41.20 2.37 0.00	34.59 1.96 0.00	31.21 1.74 0.00	30.59 1.57 0.00	30.43 1.61 0.00	31.73 1.77 0.00	35.23 1.99 0.00	43.02 2.63 0.00	50.30 3.16 0.00	59.71 3.75 -0.03	52.50 3.34 -0.06	44.90 2.84 -0.95	41.54 2.36 -3.94	37.80 2.22 -2.42	35.71 1.98 -1.83	32.97 1.85 -0.87
CH_MISC_IPPS 23765	31.37 1.89 0.00	30.52 1.78 0.00	29.65 1.73 0.00	29.16 1.60 0.00	29.94 1.59 0.00	33.41 1.77 0.00	44.33 2.63 0.00	52.01 3.35 0.00	41.47 2.64 0.00	34.78 2.15 0.00	31.33 1.86 0.00	30.73 1.71 0.00	30.54 1.73 0.00	31.85 1.89 0.00	35.43 2.19 0.00	43.26 2.87 0.00	50.58 3.44 0.00	60.10 4.14 -0.03	52.85 3.68 -0.06	45.14 3.09 -0.94	41.76 2.61 -3.90	37.98 2.42 -2.40	35.82 2.10 -1.81	33.15 2.03 -0.86
CH_RES_BVR_FALLS 23983	28.10 -1.39 0.00	27.62 -1.12 0.00	26.99 -0.92 0.00	26.82 -0.74 0.00	27.56 -0.79 0.00	31.10 -0.54 0.00	41.32 -0.38 0.00	48.31 -0.34 0.00	38.33 -0.51 0.00	32.17 -0.46 0.00	29.20 -0.27 0.00	28.85 -0.17 0.00	28.70 -0.11 0.00	29.93 -0.03 0.00	33.17 -0.07 0.00	40.11 -0.28 0.00	46.86 -0.28 0.00	55.82 -0.11 0.00	48.76 -0.34 0.00	40.97 -0.16 -0.01	34.98 -0.32 -0.06	32.53 -0.66 -0.03	31.09 -0.83 -0.03	29.54 -0.73 -0.01
CH_RES_NIAGARA 23895	27.77 -1.71 0.00	26.87 -1.87 0.00	26.07 -1.84 0.00	26.02 -1.54 0.00	27.00 -1.36 0.00	29.84 -1.80 0.00	38.91 -2.79 0.00	43.79 -4.87 0.00	36.15 -2.68 0.00	31.16 -1.47 0.00	27.94 -1.53 0.00	27.92 -1.10 0.00	27.57 -1.24 0.00	28.37 -1.59 0.00	31.41 -1.83 0.00	37.00 -3.39 0.00	42.33 -4.81 0.00	49.50 -6.43 0.00	43.76 -5.35 -0.01	36.71 -4.52 -0.12	32.16 -3.56 -0.47	30.57 -2.89 -0.29	29.19 -2.93 -0.22	28.09 -2.30 -0.13
CH_RES_SYRACUSE 23985	29.43 -0.06 0.00	28.65 -0.09 0.00	27.80 -0.11 0.00	27.45 -0.11 0.00	28.30 -0.06 0.00	31.55 -0.09 0.00	41.49 -0.21 0.00	48.36 -0.29 0.00	38.68 -0.15 0.00	32.56 -0.07 0.00	29.41 -0.06 0.00	28.96 -0.06 0.00	28.73 -0.09 0.00	29.81 -0.15 0.00	33.10 -0.13 0.00	40.07 -0.32 0.00	46.67 -0.47 0.00	55.32 -0.61 0.00	48.57 -0.54 -0.01	40.73 -0.49 -0.10	35.28 -0.39 -0.43	33.09 -0.33 -0.26	31.81 -0.29 -0.20	30.08 -0.27 -0.09
CLINTON_WT_PWR 323605	26.33 -3.15 0.00	26.18 -2.56 0.00	25.74 -2.18 0.00	25.86 -1.71 0.00	26.54 -1.82 0.00	30.41 -1.23 0.00	40.87 -0.83 0.00	47.87 -0.78 0.00	37.82 -1.01 0.00	31.75 -0.88 0.00	29.03 -0.44 0.00	28.79 -0.23 0.00	28.79 -0.03 0.00	30.14 0.18 0.00	33.37 0.13 0.00	40.23 -0.16 0.00	47.14 0.00 0.00	56.43 0.50 0.00	49.16 0.05 0.00	41.50 0.37 -0.02	35.32 0.00 -0.08	32.51 -0.70 -0.05	30.82 -1.12 -0.04	29.43 -0.85 -0.02
CLINTON___LFGE 323618	26.68 -2.80 0.00	26.52 -2.21 0.00	26.07 -1.84 0.00	26.21 -1.35 0.00	26.91 -1.45 0.00	30.88 -0.76 0.00	41.57 -0.12 0.00	48.75 0.10 0.00	38.48 -0.35 0.00	32.30 -0.33 0.00	29.53 0.06 0.00	29.31 0.29 0.00	29.30 0.49 0.00	30.62 0.66 0.00	33.94 0.70 0.00	40.92 0.52 0.00	47.94 0.80 0.00	57.49 1.56 0.00	50.04 0.93 0.00	42.25 1.11 -0.02	35.92 0.60 -0.08	33.01 -0.20 -0.05	31.23 -0.70 -0.04	29.82 -0.45 -0.02
COBBLENY_34_KV_TB1 80064	28.72 -0.77 0.00	27.73 -1.01 0.00	26.91 -1.00 0.00	26.93 -0.63 0.00	27.93 -0.43 0.00	30.91 -0.73 0.00	40.49 -1.21 0.00	45.83 -2.82 0.00	37.74 -1.09 0.00	32.47 -0.16 0.00	29.09 -0.38 0.00	28.99 -0.03 0.00	28.64 -0.17 0.00	29.51 -0.45 0.00	32.67 -0.57 0.00	38.62 -1.78 0.00	44.31 -2.83 0.00	51.96 -3.97 -0.01	45.78 -3.34 -0.01	38.09 -3.17 -0.14	33.23 -2.57 -0.56	31.15 -2.35 -0.34	29.67 -2.49 -0.26	28.26 -2.15 -0.15
COFFEEN___115KV_TB3 355620	28.63 -0.86 0.00	28.10 -0.63 0.00	27.36 -0.56 0.00	27.07 -0.50 0.00	28.13 -0.23 0.00	31.61 -0.03 0.00	42.12 0.42 0.00	49.58 0.92 0.00	39.30 0.47 0.00	32.70 0.07 0.00	29.41 -0.06 0.00	28.88 -0.15 0.00	28.67 -0.14 0.00	29.78 -0.18 0.00	33.07 -0.17 0.00	40.31 -0.08 0.00	47.52 0.38 0.00	56.71 0.78 0.00	49.94 0.83 0.00	41.87 0.70 -0.06	35.90 0.42 -0.24	33.14 -0.17 -0.15	31.66 -0.35 -0.11	29.80 -0.51 -0.05
COLDSPRG_115KV_BK1 355956	29.60 0.12 0.00	28.56 -0.17 0.00	27.72 -0.20 0.00	27.81 0.25 0.00	28.84 0.48 0.00	31.93 0.28 0.00	42.03 0.33 0.00	47.63 -1.02 0.00	39.10 0.27 0.00	33.58 0.95 0.00	30.09 0.62 0.00	29.95 0.93 0.00	29.53 0.72 0.00	30.38 0.42 0.00	33.57 0.33 0.00	39.67 -0.73 0.00	45.58 -1.56 0.00	53.47 -2.46 -0.01	46.86 -2.26 -0.01	38.80 -2.47 -0.15	33.69 -2.15 -0.60	31.28 -2.26 -0.37	29.75 -2.42 -0.28	28.08 -2.33 -0.15
COLONIE_LFGE___ 323577	30.60 1.12 0.00	29.86 1.12 0.00	28.98 1.06 0.00	28.58 1.02 0.00	29.32 0.96 0.00	32.84 1.20 0.00	43.45 1.75 0.00	50.79 2.14 0.00	40.31 1.48 0.00	33.67 1.04 0.00	30.35 0.88 0.00	29.86 0.84 0.00	29.65 0.84 0.00	30.95 0.99 0.00	34.40 1.16 0.00	42.05 1.66 0.00	49.21 2.07 0.00	58.48 2.52 -0.04	51.38 2.21 -0.06	44.00 1.81 -1.08	41.30 1.59 -4.47	37.37 1.46 -2.75	35.31 1.34 -2.08	32.48 1.24 -0.98
COOPERNY_115KV_TB1 80082	30.75 1.27 0.00	29.89 1.15 0.00	29.03 1.12 0.00	28.58 1.02 0.00	29.35 0.99 0.00	32.75 1.11 0.00	43.33 1.63 0.00	50.84 2.19 0.00	40.54 1.71 0.00	34.10 1.47 0.00	30.77 1.30 0.00	30.21 1.19 0.00	30.02 1.21 0.00	31.25 1.29 0.00	34.67 1.43 0.00	42.21 1.82 0.00	49.40 2.26 0.00	58.64 2.68 -0.02	51.51 2.36 -0.04	43.86 2.01 -0.73	39.97 1.69 -3.03	36.62 1.59 -1.87	34.71 1.40 -1.41	32.20 1.27 -0.67
COPENHAGEN_WT_PWR 323753	28.51 -0.97 0.00	27.93 -0.80 0.00	27.19 -0.73 0.00	26.90 -0.66 0.00	27.88 -0.48 0.00	31.36 -0.29 0.00	41.70 0.00 0.00	49.04 0.39 0.00	38.91 0.08 0.00	32.47 -0.16 0.00	29.27 -0.20 0.00	28.73 -0.29 0.00	28.53 -0.29 0.00	29.63 -0.33 0.00	32.90 -0.33 0.00	40.03 -0.36 0.00	47.05 -0.09 0.00	56.10 0.17 0.00	49.36 0.25 0.00	41.38 0.21 -0.06	35.49 0.00 -0.24	32.88 -0.43 -0.15	31.44 -0.57 -0.11	29.62 -0.69 -0.05
CORNELL_____ 23752	30.07 0.59 0.00	29.25 0.52 0.00	28.45 0.53 0.00	28.09 0.52 0.00	28.98 0.62 0.00	32.37 0.73 0.00	42.74 1.04 0.00	49.82 1.17 0.00	39.80 0.97 0.00	33.51 0.88 0.00	30.15 0.68 0.00	29.66 0.64 0.00	29.42 0.61 0.00	30.53 0.57 0.00	33.93 0.70 0.00	41.08 0.69 0.00	47.99 0.85 0.00	56.89 0.95 -0.01	49.95 0.83 -0.01	41.96 0.62 -0.22	36.70 0.53 -0.93	34.13 0.40 -0.57	32.62 0.29 -0.43	30.71 0.24 -0.21

CORONA V_69_KV_TB1 355595	31.81 2.33 0.00	30.83 2.10 0.00	29.87 1.95 0.00	29.30 1.74 0.00	30.00 1.64 0.00	33.48 1.84 0.00	44.45 2.75 0.00	52.35 3.70 0.00	41.67 2.83 0.00	34.88 2.25 0.00	31.77 2.30 0.00	31.08 2.06 0.00	30.97 2.16 0.00	32.36 2.40 0.00	35.99 2.76 0.00	43.88 3.47 -0.02	55.04 3.96 -3.94	70.01 4.59 -9.50	62.79 4.08 -9.61	56.59 3.58 -11.89	51.04 3.03 -12.76	48.02 2.98 -11.87	38.76 2.78 -4.09	33.71 2.57 -0.88
CORTLAND_115KV_TB3 80093	29.84 0.35 0.00	29.05 0.32 0.00	28.22 0.31 0.00	27.87 0.30 0.00	28.75 0.40 0.00	32.08 0.44 0.00	42.32 0.63 0.00	49.33 0.68 0.00	39.45 0.62 0.00	33.22 0.59 0.00	29.91 0.44 0.00	29.46 0.44 0.00	29.22 0.40 0.00	30.32 0.36 0.00	33.67 0.43 0.00	40.76 0.36 0.00	47.56 0.42 0.00	56.44 0.50 -0.01	49.56 0.44 -0.01	41.58 0.29 -0.18	36.24 0.25 -0.75	33.79 0.17 -0.46	32.34 0.10 -0.35	30.48 0.06 -0.17
COXSACKIE__GT 23611	30.84 1.36 0.00	30.09 1.35 0.00	29.31 1.40 0.00	28.86 1.30 0.00	29.75 1.39 0.00	33.16 1.52 0.00	44.16 2.46 0.00	51.38 2.72 0.00	40.62 1.79 0.00	33.54 0.91 0.00	30.03 0.56 0.00	29.46 0.44 0.00	29.25 0.43 0.00	30.53 0.57 0.00	34.07 0.83 0.00	41.93 1.53 0.00	49.17 2.03 0.00	58.87 2.91 -0.03	51.87 2.70 -0.06	43.87 1.73 -1.03	40.99 1.48 -4.26	37.07 1.29 -2.62	34.80 0.93 -1.98	32.26 1.06 -0.94
CPV_VALLEY__CC1 323721	30.49 1.00 0.00	29.66 0.92 0.00	28.81 0.89 0.00	28.36 0.80 0.00	29.12 0.77 0.00	32.50 0.85 0.00	42.95 1.25 0.00	50.31 1.66 0.00	40.19 1.36 0.00	33.84 1.21 0.00	30.50 1.03 0.00	29.98 0.96 0.00	29.76 0.95 0.00	31.01 1.05 0.00	34.40 1.16 0.00	41.89 1.50 0.00	48.98 1.84 0.00	58.13 2.18 -0.02	51.06 1.91 -0.04	43.51 1.65 -0.74	39.70 1.37 -3.08	36.35 1.29 -1.89	34.48 1.15 -1.43	31.97 1.03 -0.68
CPV_VALLEY__CC2 323722	30.49 1.00 0.00	29.66 0.92 0.00	28.81 0.89 0.00	28.36 0.80 0.00	29.12 0.77 0.00	32.50 0.85 0.00	42.95 1.25 0.00	50.31 1.66 0.00	40.19 1.36 0.00	33.84 1.21 0.00	30.50 1.03 0.00	29.98 0.96 0.00	29.76 0.95 0.00	31.01 1.05 0.00	34.40 1.16 0.00	41.89 1.50 0.00	48.98 1.84 0.00	58.13 2.18 0.00	51.06 1.91 -0.04	43.51 1.65 -0.74	39.70 1.37 -3.08	36.35 1.29 -1.89	34.48 1.15 -1.43	31.97 1.03 -0.68
CRESCENT__HYD 24018	30.60 1.12 0.00	29.86 1.12 0.00	28.98 1.06 0.00	28.58 1.02 0.00	29.32 0.96 0.00	32.84 1.20 0.00	43.45 1.75 0.00	50.79 2.14 0.00	40.31 1.48 0.00	33.67 1.04 0.00	30.35 0.88 0.00	29.86 0.84 0.00	29.65 0.84 0.00	30.95 0.99 0.00	34.40 1.16 0.00	42.05 1.66 0.00	49.21 2.07 0.00	58.48 2.52 -0.04	51.38 2.21 -0.06	44.00 1.81 -1.08	41.30 1.59 -4.47	37.37 1.46 -2.75	35.31 1.34 -2.08	32.48 1.24 -0.98
CRICKET__VALLEY_CC1 323756	30.93 1.44 0.00	30.12 1.38 0.00	29.26 1.34 0.00	28.83 1.27 0.00	29.55 1.19 0.00	32.97 1.33 0.00	43.66 1.96 0.00	51.23 2.58 0.00	40.77 1.94 0.00	34.16 1.53 0.00	30.80 1.33 0.00	30.27 1.25 0.00	30.08 1.27 0.00	31.40 1.44 0.00	34.86 1.63 0.00	42.62 2.22 0.00	49.87 2.73 0.00	59.15 3.19 -0.03	52.01 2.85 -0.06	44.51 2.43 -0.97	41.33 2.08 -4.01	37.58 1.96 -2.47	35.51 1.75 -1.86	32.72 1.57 -0.88
CRICKET__VALLEY_CC2 323757	30.93 1.44 0.00	30.12 1.38 0.00	29.26 1.34 0.00	28.83 1.27 0.00	29.55 1.19 0.00	32.97 1.33 0.00	43.66 1.96 0.00	51.23 2.58 0.00	40.77 1.94 0.00	34.16 1.53 0.00	30.80 1.33 0.00	30.27 1.25 0.00	30.08 1.27 0.00	31.40 1.44 0.00	34.86 1.63 0.00	42.62 2.22 0.00	49.87 2.73 0.00	59.15 3.19 -0.03	52.01 2.85 -0.06	44.51 2.43 -0.97	41.33 2.08 -4.01	37.58 1.96 -2.47	35.51 1.75 -1.86	32.72 1.57 -0.88
CRICKET__VALLEY_CC3 323758	30.93 1.44 0.00	30.12 1.38 0.00	29.26 1.34 0.00	28.83 1.27 0.00	29.55 1.19 0.00	32.97 1.33 0.00	43.66 1.96 0.00	51.23 2.58 0.00	40.77 1.94 0.00	34.16 1.53 0.00	30.80 1.33 0.00	30.27 1.25 0.00	30.08 1.27 0.00	31.40 1.44 0.00	34.86 1.63 0.00	42.62 2.22 0.00	49.87 2.73 0.00	59.15 3.19 -0.03	52.01 2.85 -0.06	44.51 2.43 -0.97	41.33 2.08 -4.01	37.58 1.96 -2.47	35.51 1.75 -1.86	32.72 1.57 -0.88
CRUCIBLE_METL_DRP 24180	29.40 -0.09 0.00	28.62 -0.11 0.00	27.80 -0.11 0.00	27.45 -0.11 0.00	28.30 -0.06 0.00	31.55 -0.09 0.00	41.49 -0.21 0.00	48.31 -0.34 0.00	38.68 -0.16 0.00	32.56 -0.07 0.00	29.38 -0.09 0.00	28.96 -0.06 0.00	28.73 -0.09 0.00	29.81 -0.15 0.00	33.10 -0.13 0.00	40.07 -0.32 0.00	46.67 -0.47 0.00	55.32 -0.62 0.00	48.57 -0.54 0.00	40.73 -0.49 -0.01	35.28 -0.39 -0.10	33.09 -0.33 -0.43	31.81 -0.29 -0.26	30.08 -0.27 -0.09
DAHOWA__HYDRO 323763	30.84 1.36 0.00	30.09 1.35 0.00	29.20 1.28 0.00	28.75 1.18 0.00	29.58 1.22 0.00	33.16 1.52 0.00	43.99 2.29 0.00	51.38 2.72 0.00	40.73 1.90 0.00	34.00 1.37 0.00	30.53 1.06 0.00	30.01 0.99 0.00	29.76 0.95 0.00	31.07 1.11 0.00	34.57 1.33 0.00	42.29 1.90 0.00	49.50 2.36 0.00	58.98 3.02 -0.04	51.82 2.65 -0.07	44.26 2.05 -1.09	41.53 1.76 -4.52	37.56 1.62 -2.78	35.50 1.50 -2.10	32.95 1.69 -1.00
DANC__LFGE 323619	28.69 -0.79 0.00	28.05 -0.69 0.00	27.30 -0.61 0.00	26.98 -0.58 0.00	27.90 -0.45 0.00	31.23 -0.41 0.00	41.36 -0.34 0.00	48.51 -0.15 0.00	38.56 -0.27 0.00	32.30 -0.33 0.00	29.15 -0.32 0.00	28.64 -0.38 0.00	28.44 -0.38 0.00	29.51 -0.45 0.00	32.77 -0.47 0.00	39.83 -0.57 0.00	46.62 -0.52 0.00	55.43 -0.50 0.00	48.71 -0.39 0.00	40.85 -0.33 -0.07	35.17 -0.35 -0.28	32.77 -0.56 -0.17	31.42 -0.61 -0.13	29.65 -0.67 -0.06
DANSKAMMER__1 23586	31.37 1.89 0.00	30.52 1.78 0.00	29.65 1.73 0.00	29.16 1.60 0.00	29.94 1.59 0.00	33.41 1.77 0.00	44.33 2.63 0.00	52.01 3.35 0.00	41.47 2.64 0.00	34.78 2.15 0.00	31.33 1.86 0.00	30.73 1.71 0.00	30.54 1.73 0.00	31.85 1.89 0.00	35.43 2.19 0.00	43.26 2.87 0.00	50.58 3.44 0.00	60.10 4.14 -0.03	52.85 3.68 -0.06	45.14 3.09 -0.94	41.76 2.61 -3.90	37.98 2.42 -2.40	35.82 2.10 -1.81	33.15 2.03 -0.86
DANSKAMMER__2 23589	31.37 1.89 0.00	30.52 1.78 0.00	29.65 1.73 0.00	29.16 1.60 0.00	29.94 1.59 0.00	33.41 1.77 0.00	44.33 2.63 0.00	52.01 3.35 0.00	41.47 2.64 0.00	34.78 2.15 0.00	31.33 1.86 0.00	30.73 1.71 0.00	30.54 1.73 0.00	31.85 1.89 0.00	35.43 2.19 0.00	43.26 2.87 0.00	50.58 3.44 0.00	60.10 4.14 -0.03	52.85 3.68 -0.06	45.14 3.09 -0.94	41.76 2.61 -3.90	37.98 2.42 -2.40	35.82 2.10 -1.81	33.15 2.03 -0.86
DANSKAMMER__3 23590	31.37 1.89 0.00	30.52 1.78 0.00	29.65 1.73 0.00	29.16 1.60 0.00	29.94 1.59 0.00	33.41 1.77 0.00	44.33 2.63 0.00	52.01 3.35 0.00	41.47 2.64 0.00	34.78 2.15 0.00	31.33 1.86 0.00	30.73 1.71 0.00	30.54 1.73 0.00	31.85 1.89 0.00	35.43 2.19 0.00	43.26 2.87 0.00	50.58 3.44 0.00	60.10 4.14 -0.03	52.85 3.68 -0.06	45.14 3.09 -0.94	41.76 2.61 -3.90	37.98 2.42 -2.40	35.82 2.10 -1.81	33.15 2.03 -0.86

DANSKAMMER___4 23591	31.37 1.89 0.00	30.52 1.78 0.00	29.65 1.73 0.00	29.16 1.60 0.00	29.94 1.59 0.00	33.41 1.77 0.00	44.33 2.63 0.00	52.01 3.35 0.00	41.47 2.64 0.00	34.78 2.15 0.00	31.33 1.86 0.00	30.73 1.71 0.00	30.54 1.73 0.00	31.85 1.89 0.00	35.43 2.19 0.00	43.26 2.87 0.00	50.58 3.44 0.00	60.10 4.14 -0.03	52.85 3.68 -0.06	45.14 3.09 -0.94	41.76 2.61 -3.90	37.98 2.42 -2.40	35.82 2.10 -1.81	33.15 2.03 -0.86
DANSKAMMER___DIESEL 23592	31.43 1.95 0.00	30.55 1.81 0.00	29.65 1.73 0.00	29.16 1.60 0.00	29.95 1.59 0.00	33.41 1.77 0.00	44.33 2.63 0.00	52.06 3.41 0.00	41.47 2.64 0.00	34.78 2.15 0.00	31.36 1.89 0.00	30.73 1.71 0.00	30.54 1.73 0.00	31.88 1.92 0.00	35.43 2.19 0.00	43.26 2.87 0.00	50.58 3.44 0.00	60.10 4.14 -0.03	52.84 3.68 -0.06	45.14 3.08 -0.94	41.76 2.61 -3.90	37.98 2.42 -2.40	35.82 2.11 -1.81	33.15 2.03 -0.86
DARBY___SOLAR 323810	30.78 1.30 0.00	30.03 1.29 0.00	29.11 1.20 0.00	28.72 1.16 0.00	29.49 1.14 0.00	33.10 1.46 0.00	43.87 2.17 0.00	51.23 2.58 0.00	40.66 1.83 0.00	33.94 1.31 0.00	30.50 1.03 0.00	29.98 0.96 0.00	29.76 0.95 0.00	31.04 1.08 0.00	34.53 1.29 0.00	42.25 1.86 0.00	49.40 2.26 0.00	58.82 2.85 -0.04	51.67 2.50 -0.06	44.18 1.97 -1.09	41.45 1.69 -4.51	37.49 1.56 -2.77	35.46 1.47 -2.10	32.86 1.60 -0.99
DASHVILLE___HYD 23610	31.11 1.62 0.00	30.20 1.47 0.00	29.34 1.42 0.00	28.86 1.30 0.00	29.61 1.25 0.00	33.00 1.36 0.00	43.74 2.04 0.00	51.38 2.72 0.00	40.93 2.10 0.00	34.39 1.76 0.00	30.97 1.50 0.00	30.36 1.34 0.00	30.20 1.38 0.00	31.49 1.53 0.00	34.96 1.73 0.00	42.70 2.30 0.00	49.97 2.83 0.00	59.32 3.36 -0.03	52.16 3.00 -0.06	44.25 2.18 -0.95	40.99 1.80 -3.95	37.25 1.66 -2.43	35.17 1.44 -1.83	32.46 1.33 -0.87
DEERFIELD_69_KV_DEERFIELD LD 355887	32.14 2.65 0.00	31.21 2.47 0.00	30.20 2.29 0.00	29.60 2.04 0.00	30.12 1.76 0.00	33.29 1.65 0.00	43.70 2.00 0.00	51.62 2.97 0.00	40.89 2.06 0.00	33.97 1.34 0.00	31.62 2.15 0.00	30.97 1.94 0.00	31.12 2.31 0.00	32.36 2.40 0.00	35.70 2.46 0.00	43.96 3.55 -0.01	54.47 4.95 -2.38	67.35 5.70 -5.71	59.33 4.81 -5.41	53.24 4.60 -7.52	48.36 3.88 -9.23	45.01 3.75 -8.10	38.95 3.86 -3.19	34.74 3.60 -0.88
DELAWARE___LFGE 323621	30.40 0.91 0.00	29.63 0.89 0.00	28.75 0.84 0.00	28.36 0.80 0.00	29.18 0.82 0.00	32.62 0.98 0.00	43.12 1.42 0.00	50.45 1.80 0.00	40.27 1.44 0.00	33.80 1.17 0.00	30.47 1.00 0.00	29.95 0.93 0.00	29.74 0.92 0.00	30.92 0.96 0.00	34.33 1.10 0.00	41.77 1.37 0.00	48.79 1.65 0.00	57.90 1.96 -0.01	50.85 1.72 -0.03	42.99 1.44 -0.43	38.24 1.20 -1.80	35.33 1.06 -1.11	33.66 0.93 -0.84	31.47 0.82 -0.40
DERFIELD_115KV_TB7 355931	29.54 0.06 0.00	28.82 0.09 0.00	28.00 0.08 0.00	27.65 0.08 0.00	28.44 0.09 0.00	31.77 0.13 0.00	41.91 0.21 0.00	48.95 0.29 0.00	38.99 0.16 0.00	32.76 0.13 0.00	29.59 0.12 0.00	29.14 0.12 0.00	28.93 0.12 0.00	30.11 0.15 0.00	33.40 0.17 0.00	40.60 0.20 0.00	47.42 0.28 0.00	56.26 0.34 0.00	49.40 0.29 0.00	41.38 0.25 -0.01	35.48 0.18 -0.06	33.33 0.13 -0.04	32.02 0.10 -0.03	30.36 0.09 -0.01
DOGLEVILLE___HYD 23807	30.43 0.94 0.00	29.71 0.98 0.00	28.92 1.00 0.00	28.58 1.02 0.00	29.43 1.08 0.00	32.91 1.27 0.00	43.53 1.83 0.00	50.94 2.29 0.00	40.62 1.79 0.00	34.13 1.50 0.00	30.83 1.36 0.00	30.36 1.34 0.00	30.17 1.35 0.00	31.37 1.41 0.00	34.80 1.56 0.00	42.13 1.74 0.00	49.17 2.03 0.00	58.28 2.35 0.00	51.02 1.91 0.00	42.65 1.52 -0.01	36.57 1.27 -0.06	34.26 1.06 -0.04	32.98 1.05 -0.03	31.21 0.94 -0.01
DUNKIRK___115KV_TB_200 55889	28.87 -0.62 0.00	27.90 -0.83 0.00	27.08 -0.84 0.00	27.10 -0.47 0.00	28.10 -0.26 0.00	31.10 -0.54 0.00	40.74 -0.96 0.00	46.07 -2.58 0.00	37.90 -0.93 0.00	32.56 -0.07 0.00	29.18 -0.29 0.00	29.08 0.06 0.00	28.73 -0.09 0.00	29.60 -0.36 0.00	32.74 -0.50 0.00	38.66 -1.74 0.00	44.26 -2.88 0.00	51.80 -4.14 -0.01	45.58 -3.54 -0.01	37.96 -3.29 -0.14	33.11 -2.68 -0.55	31.11 -2.39 -0.34	29.64 -2.52 -0.26	28.26 -2.15 -0.15
DUNKIRK___1 23563	28.87 -0.62 0.00	27.90 -0.83 0.00	27.08 -0.84 0.00	27.10 -0.47 0.00	28.10 -0.26 0.00	31.10 -0.54 0.00	40.74 -0.96 0.00	46.07 -2.58 0.00	37.90 -0.93 0.00	32.56 -0.07 0.00	29.18 -0.29 0.00	29.08 0.06 0.00	28.73 -0.09 0.00	29.60 -0.36 0.00	32.74 -0.50 0.00	38.66 -1.74 0.00	44.26 -2.88 0.00	51.80 -4.14 -0.01	45.58 -3.54 -0.01	37.96 -3.29 -0.14	33.11 -2.68 -0.55	31.11 -2.39 -0.34	29.64 -2.52 -0.26	28.26 -2.15 -0.15
DUNKIRK___2 23564	28.87 -0.62 0.00	27.90 -0.83 0.00	27.08 -0.84 0.00	27.10 -0.47 0.00	28.10 -0.26 0.00	31.10 -0.54 0.00	40.74 -0.96 0.00	46.07 -2.58 0.00	37.90 -0.93 0.00	32.56 -0.07 0.00	29.18 -0.29 0.00	29.08 0.06 0.00	28.73 -0.09 0.00	29.60 -0.36 0.00	32.74 -0.50 0.00	38.66 -1.74 0.00	44.26 -2.88 0.00	51.80 -4.14 -0.01	45.58 -3.54 -0.01	37.96 -3.29 -0.14	33.11 -2.68 -0.55	31.11 -2.39 -0.34	29.64 -2.52 -0.26	28.26 -2.15 -0.15
DUNKIRK___3 23565	28.78 -0.71 0.00	27.82 -0.92 0.00	26.99 -0.92 0.00	27.01 -0.55 0.00	28.02 -0.34 0.00	31.01 -0.63 0.00	40.61 -1.08 0.00	45.93 -2.72 0.00	37.78 -1.05 0.00	32.47 -0.16 0.00	29.09 -0.38 0.00	29.02 0.00 0.00	28.64 -0.17 0.00	29.51 -0.45 0.00	32.64 -0.60 0.00	38.58 -1.82 0.00	44.22 -2.92 0.00	51.74 -4.19 -0.01	45.53 -3.58 -0.01	37.96 -3.29 -0.13	33.10 -2.68 -0.54	31.07 -2.42 -0.33	29.60 -2.55 -0.25	28.22 -2.18 -0.14
DUNKIRK___4 23566	28.78 -0.71 0.00	27.82 -0.92 0.00	26.99 -0.92 0.00	27.01 -0.55 0.00	28.02 -0.34 0.00	31.01 -0.63 0.00	40.61 -1.08 0.00	45.93 -2.72 0.00	37.78 -1.05 0.00	32.47 -0.16 0.00	29.09 -0.38 0.00	29.02 0.00 0.00	28.64 -0.17 0.00	29.51 -0.45 0.00	32.64 -0.60 0.00	38.58 -1.82 0.00	44.22 -2.92 0.00	51.74 -4.19 -0.01	45.53 -3.58 -0.01	37.96 -3.29 -0.13	33.10 -2.68 -0.54	31.07 -2.42 -0.33	29.60 -2.55 -0.25	28.22 -2.18 -0.14
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.49 2.00 0.00	30.60 1.87 0.00	29.67 1.76 0.00	29.16 1.60 0.00	29.89 1.53 0.00	33.38 1.74 0.00	44.24 2.54 0.00	52.11 3.45 0.00	41.55 2.72 0.00	34.98 2.35 0.00	31.62 2.15 0.00	31.02 2.00 0.00	30.86 2.05 0.00	32.15 2.19 0.00	35.63 2.39 0.00	43.42 3.03 0.00	50.77 3.63 0.00	60.21 4.25 -0.03	52.94 3.78 -0.06	45.31 3.25 -0.94	41.87 2.71 -3.91	38.15 2.59 -2.40	36.07 2.36 -1.82	33.27 2.15 -0.86
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.31 1.83 0.00	30.43 1.70 0.00	29.56 1.65 0.00	29.08 1.52 0.00	29.83 1.47 0.00	33.29 1.65 0.00	44.16 2.46 0.00	51.86 3.21 0.00	41.32 2.49 0.00	34.69 2.06 0.00	31.30 1.83 0.00	30.68 1.65 0.00	30.51 1.70 0.00	31.79 1.83 0.00	35.30 2.06 0.00	43.10 2.71 0.00	50.44 3.30 0.00	59.87 3.92 -0.03	52.65 3.49 -0.06	44.96 2.92 -0.93	41.56 2.47 -3.85	37.81 2.29 -2.36	35.69 2.01 -1.79	33.01 1.91 -0.85

E179THST_138_KV_TB4_REV_LBMP_J 345001	31.91 2.42 -0.01	30.96 2.21 -0.01	30.04 2.12 -0.01	29.58 2.01 -0.01	30.29 1.93 -0.01	33.57 1.93 0.00	44.03 2.34 0.00	51.77 3.11 0.00	41.47 2.64 0.00	35.01 2.38 0.00	31.65 2.18 0.00	31.05 2.03 0.00	30.89 2.07 0.00	32.18 2.22 0.00	35.63 2.39 0.00	43.34 2.95 0.00	50.58 3.44 0.00	59.87 3.92 -0.03	52.70 3.54 -0.06	45.22 3.17 -0.94	41.73 2.57 -3.91	38.08 2.52 -2.40	36.17 2.46 -1.82	33.63 2.51 -0.86
E179THST_13_KV_LOAD 356214	32.03 2.54 -0.01	31.07 2.33 -0.01	30.16 2.23 -0.01	29.67 2.09 -0.01	30.38 2.01 -0.01	33.70 2.06 0.00	44.20 2.50 0.00	52.01 3.36 0.00	41.63 2.80 0.00	35.17 2.55 0.00	31.80 2.33 0.00	31.20 2.18 0.00	31.00 2.19 0.00	32.33 2.37 0.00	35.80 2.56 0.00	43.55 3.15 0.00	50.82 3.68 0.00	60.15 4.19 -0.03	52.94 3.78 -0.06	45.43 3.37 -0.94	41.90 2.75 -3.91	38.25 2.69 -2.40	36.30 2.58 -1.82	33.75 2.63 -0.86
EAST HAMPTON___GT 23717	31.87 2.39 0.00	30.89 2.16 0.00	29.98 2.07 0.00	29.38 1.82 0.00	29.89 1.53 0.00	32.53 0.88 0.00	43.24 1.54 0.00	50.94 2.29 0.00	40.66 1.83 0.00	33.77 1.14 0.00	31.27 1.80 0.00	30.82 1.80 0.00	30.43 1.61 0.00	31.82 1.86 0.00	35.53 2.29 0.00	43.72 3.31 -0.01	54.37 4.86 -2.38	67.46 5.82 -5.71	59.43 4.91 -5.41	53.52 4.89 -7.52	48.64 4.16 -9.23	45.27 4.01 -8.10	39.14 4.05 -3.19	34.95 3.81 -0.88
EAST RIVER___6 23660	31.55 2.06 0.00	30.66 1.93 0.00	29.79 1.87 0.00	29.22 1.65 0.00	29.86 1.50 0.00	33.35 1.71 0.00	43.49 2.46 0.67	50.91 3.40 1.15	41.36 2.83 0.30	35.18 2.55 0.00	31.77 2.30 0.00	31.20 2.18 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.38 3.15 0.17	50.35 3.82 0.60	58.80 4.37 1.49	51.83 3.88 1.15	44.88 3.33 -0.44	41.98 2.85 -3.88	38.38 2.82 -2.40	36.30 2.58 -1.82	33.51 2.39 -0.86
EAST RIVER___7 23524	31.55 2.06 0.00	30.66 1.93 0.00	29.79 1.87 0.00	29.22 1.65 0.00	29.86 1.50 0.00	33.35 1.71 0.00	43.49 2.46 0.67	50.91 3.40 1.15	41.36 2.83 0.30	35.18 2.55 0.00	31.77 2.30 0.00	31.20 2.18 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.38 3.15 0.17	50.35 3.82 0.60	58.80 4.37 1.49	51.83 3.88 1.15	44.88 3.33 -0.44	41.98 2.85 -3.88	38.38 2.82 -2.40	36.30 2.58 -1.82	33.51 2.39 -0.86
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.43 1.95 0.00	30.52 1.78 0.00	29.62 1.70 0.00	29.14 1.57 0.00	29.83 1.47 0.00	33.35 1.71 0.00	44.16 2.46 0.00	52.01 3.36 0.00	41.43 2.60 0.00	34.88 2.25 0.00	31.53 2.06 0.00	30.94 1.92 0.00	30.77 1.96 0.00	32.06 2.10 0.00	35.53 2.29 0.00	43.30 2.91 0.00	50.68 3.54 0.00	60.10 4.14 -0.03	52.84 3.68 -0.06	45.18 3.12 -0.94	41.76 2.61 -3.90	38.05 2.49 -2.40	35.98 2.26 -1.81	33.21 2.09 -0.86
EAST_HAMPTON___DIESEL 23722	31.81 2.33 0.00	30.83 2.10 0.00	29.93 2.01 0.00	29.33 1.77 0.00	29.83 1.47 0.00	32.46 0.82 0.00	43.12 1.42 0.00	50.84 2.19 0.00	40.58 1.75 0.00	33.70 1.08 0.00	31.21 1.74 0.00	30.76 1.74 0.00	30.37 1.55 0.00	31.76 1.80 0.00	35.46 2.23 0.00	43.64 3.23 -0.01	54.28 4.76 -2.38	67.40 5.76 -5.71	59.38 4.86 -5.41	53.52 4.89 -7.52	48.64 4.16 -9.23	45.27 4.01 -8.10	39.14 4.05 -3.19	34.92 3.78 -0.88
EAST_POINT___SOLAR 323840	31.05 1.56 0.00	30.26 1.52 0.00	29.37 1.45 0.00	28.94 1.38 0.00	29.83 1.47 0.00	33.60 1.96 0.00	44.78 3.09 0.00	52.25 3.60 0.00	41.43 2.60 0.00	33.84 1.21 0.00	29.94 0.47 0.00	29.31 0.29 0.00	28.73 -0.09 0.00	30.32 0.36 0.00	34.30 1.06 0.00	42.53 2.14 0.00	50.11 2.97 0.00	59.88 3.91 -0.04	52.66 3.49 -0.07	44.98 2.67 -1.19	42.39 2.22 -4.92	38.31 2.12 -3.03	35.94 1.75 -2.29	32.89 1.54 -1.09
EAST_PULASKI___ESR 323781	28.95 -0.53 0.00	28.22 -0.52 0.00	27.41 -0.50 0.00	27.10 -0.47 0.00	27.96 -0.40 0.00	31.20 -0.44 0.00	41.12 -0.58 0.00	48.02 -0.63 0.00	38.29 -0.54 0.00	32.20 -0.43 0.00	29.06 -0.41 0.00	28.62 -0.41 0.00	28.38 -0.43 0.00	29.45 -0.51 0.00	32.67 -0.57 0.00	39.67 -0.73 0.00	46.24 -0.90 0.00	54.87 -1.06 0.00	48.23 -0.88 0.00	40.45 -0.74 -0.08	34.93 -0.63 -0.32	32.69 -0.66 -0.19	31.44 -0.61 -0.15	29.72 -0.60 -0.07
EAST_RIVER___1 323558	31.61 2.12 0.00	30.72 1.98 0.00	29.81 1.90 0.00	29.30 1.74 0.00	30.00 1.64 0.00	33.44 1.80 0.00	43.62 2.59 0.67	51.01 3.51 1.15	41.44 2.91 0.30	35.18 2.55 0.00	31.77 2.30 0.00	31.20 2.18 0.00	31.00 2.19 0.00	32.33 2.37 0.00	35.83 2.59 0.00	43.42 3.19 0.17	50.40 3.87 0.60	58.86 4.42 1.49	51.93 3.98 1.15	44.96 3.41 -0.44	41.98 2.85 -3.88	38.32 2.75 -2.40	36.27 2.55 -1.82	33.51 2.39 -0.86
EAST_RIVER___2 323559	31.55 2.06 0.00	30.66 1.93 0.00	29.79 1.87 0.00	29.22 1.65 0.00	29.86 1.50 0.00	33.35 1.71 0.00	43.49 2.46 0.67	50.91 3.40 1.15	41.36 2.83 0.30	35.18 2.55 0.00	31.77 2.30 0.00	31.20 2.18 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.38 3.15 0.17	50.35 3.82 0.60	58.80 4.37 1.49	51.83 3.88 1.15	44.88 3.33 -0.44	41.98 2.85 -3.88	38.38 2.82 -2.40	36.30 2.58 -1.82	33.51 2.39 -0.86
EAST___DELAWARE_HYD 23607	31.43 1.95 0.00	30.58 1.84 0.00	29.67 1.76 0.00	29.19 1.63 0.00	30.03 1.67 0.00	33.48 1.83 0.00	44.45 2.75 0.00	52.11 3.45 0.00	41.59 2.76 0.00	34.85 2.22 0.00	31.33 1.86 0.00	30.73 1.71 0.00	30.51 1.89 0.00	31.85 1.89 0.00	35.40 2.16 0.00	43.26 2.87 0.00	50.63 3.49 0.00	60.21 4.25 -0.03	52.94 3.78 -0.05	45.10 3.12 -0.86	41.40 2.61 -3.55	37.73 2.39 -2.18	35.59 2.04 -1.65	33.04 2.00 -0.78
EIGHT_POINT___WT_PWR 323820	29.37 -0.12 0.00	28.54 -0.20 0.00	27.66 -0.25 0.00	27.51 -0.06 0.00	28.56 0.20 0.00	31.80 0.16 0.00	41.91 0.21 0.00	48.31 -0.34 0.00	39.11 0.27 0.00	33.28 0.65 0.00	29.97 0.50 0.00	29.55 0.52 0.00	29.30 0.49 0.00	30.17 0.21 0.00	33.47 0.23 0.00	39.91 -0.48 0.00	46.10 -1.04 0.00	54.20 -1.73 -0.01	47.50 -1.62 -0.01	39.66 -1.65 -0.19	34.67 -1.34 -0.77	32.27 -1.36 -0.47	30.66 -1.59 -0.36	28.96 -1.48 -0.18
ELBRIDGE_115KV_TB2 80188	29.28 -0.21 0.00	28.48 -0.26 0.00	27.69 -0.22 0.00	27.34 -0.22 0.00	28.19 -0.17 0.00	31.42 -0.22 0.00	41.28 -0.42 0.00	48.02 -0.63 0.00	38.48 -0.35 0.00	32.40 -0.23 0.00	29.23 -0.24 0.00	28.82 -0.20 0.00	28.58 -0.23 0.00	29.66 -0.30 0.00	32.90 -0.33 0.00	39.87 -0.53 0.00	46.43 -0.71 0.00	54.98 -0.95 0.00	48.28 -0.83 -0.01	40.53 -0.70 -0.11	35.13 -0.56 -0.45	32.94 -0.50 -0.28	31.66 -0.45 -0.21	29.93 -0.42 -0.10
ELEC_TRO_TEK 24086	31.67 2.18 0.00	30.72 1.98 0.00	29.76 1.84 0.00	29.19 1.63 0.00	29.89 1.53 0.00	33.35 1.71 0.00	44.28 2.59 0.00	52.11 3.45 0.00	41.51 2.68 0.00	34.72 2.09 0.00	31.65 2.18 0.00	30.97 1.94 0.00	30.86 2.05 0.00	32.24 2.28 0.00	35.83 2.59 0.00	43.68 3.27 -0.02	54.83 3.77 -3.92	69.72 4.36 -9.43	62.47 3.88 -9.48	56.30 3.37 -11.82	50.80 2.85 -12.70	47.75 2.79 -11.81	38.59 2.62 -4.08	33.53 2.39 -0.88

ELLENBURG_WT_PWR 323604	26.33 -3.15 0.00	26.18 -2.56 0.00	25.74 -2.18 0.00	25.86 -1.71 0.00	26.54 -1.82 0.00	30.41 -1.23 0.00	40.87 -0.83 0.00	47.87 -0.78 0.00	37.82 -1.01 0.00	31.75 -0.88 0.00	29.03 -0.44 0.00	28.79 -0.23 0.00	28.79 -0.03 0.00	30.14 0.18 0.00	33.37 0.13 0.00	40.23 -0.16 0.00	47.14 0.00 0.00	56.43 0.50 0.00	49.16 0.05 0.00	41.50 0.37 -0.02	35.32 0.00 -0.08	32.51 -0.70 -0.05	30.82 -1.12 -0.04	29.43 -0.85 -0.02
ELM_ST_23_KV_LD_REV_LBMP_A 345012	28.42 -1.06 0.00	27.47 -1.26 0.00	26.66 -1.26 0.00	26.63 -0.94 0.00	27.62 -0.74 0.00	30.57 -1.08 0.00	39.99 -1.71 0.00	45.20 -3.45 0.00	37.20 -1.63 0.00	32.01 -0.62 0.00	28.70 -0.77 0.00	28.62 -0.41 0.00	28.27 -0.55 0.00	29.12 -0.84 0.00	32.24 -1.00 0.00	38.09 -2.30 0.00	43.65 -3.49 0.00	51.07 -4.87 -0.01	45.04 -4.08 -0.01	37.63 -3.62 -0.13	32.83 -2.93 -0.51	30.96 -2.52 -0.32	29.52 -2.62 -0.24	28.25 -2.15 -0.14
EMPIRE_CC_1 323656	30.34 0.86 0.00	29.57 0.83 0.00	28.73 0.81 0.00	28.34 0.77 0.00	29.07 0.71 0.00	32.50 0.85 0.00	42.78 1.08 0.00	50.01 1.36 0.00	39.76 0.93 0.00	33.25 0.62 0.00	30.00 0.53 0.00	29.52 0.49 0.00	29.30 0.49 0.00	30.59 0.63 0.00	33.97 0.73 0.00	41.52 1.13 0.00	48.46 1.32 0.00	57.64 1.68 -0.03	50.64 1.47 -0.06	43.39 1.23 -1.04	40.68 1.13 -4.31	36.87 1.06 -2.65	34.92 1.02 -2.00	32.18 0.97 -0.95
EMPIRE_CC_2 323658	30.34 0.86 0.00	29.57 0.83 0.00	28.73 0.81 0.00	28.34 0.77 0.00	29.07 0.71 0.00	32.50 0.85 0.00	42.78 1.08 0.00	50.01 1.36 0.00	39.76 0.93 0.00	33.25 0.62 0.00	30.00 0.53 0.00	29.52 0.49 0.00	29.30 0.49 0.00	30.59 0.63 0.00	33.97 0.73 0.00	41.52 1.13 0.00	48.46 1.32 0.00	57.64 1.68 -0.03	50.64 1.47 -0.06	43.39 1.23 -1.04	40.68 1.13 -4.31	36.87 1.06 -2.65	34.92 1.02 -2.00	32.18 0.97 -0.95
ENORWICH_115KV_TB1 80156	31.55 2.06 0.00	30.83 2.10 0.00	29.98 2.07 0.00	29.58 2.01 0.00	30.63 2.27 0.00	34.33 2.69 0.00	45.66 3.96 0.00	53.57 4.91 0.00	42.56 3.73 0.00	35.50 2.87 0.00	31.83 2.36 0.00	31.26 2.23 0.00	31.00 2.19 0.00	32.27 2.31 0.00	35.93 2.69 0.00	43.67 3.27 0.00	51.34 4.20 0.00	60.97 5.03 -0.01	53.45 4.32 -0.02	44.88 3.41 -0.35	39.57 2.89 -1.44	36.34 2.29 -0.89	34.61 2.04 -0.67	32.27 1.69 -0.32
ERIE_ST_34_KV_TB1-2 80199	28.95 -0.53 0.00	27.96 -0.78 0.00	27.13 -0.78 0.00	27.15 -0.41 0.00	28.16 -0.20 0.00	31.17 -0.47 0.00	40.87 -0.83 0.00	46.27 -2.38 0.00	38.06 -0.78 0.00	32.73 0.10 0.00	29.35 -0.12 0.00	29.25 0.23 0.00	28.87 0.06 0.00	29.75 -0.21 0.00	32.90 -0.33 0.00	38.94 -1.45 0.00	44.74 -2.40 0.00	52.47 -3.47 -0.01	46.17 -2.95 -0.01	38.25 -3.00 -0.13	33.21 -2.57 -0.54	30.94 -2.55 -0.33	29.47 -2.68 -0.25	27.92 -2.48 -0.14
ERIE_WT_PWR 323693	28.84 -0.65 0.00	27.88 -0.86 0.00	26.88 -1.03 0.00	26.88 -0.69 0.00	27.90 -0.45 0.00	30.85 -0.79 0.00	40.45 -1.25 0.00	45.98 -2.68 0.00	37.59 -1.24 0.00	32.30 -0.33 0.00	29.15 -0.32 0.00	28.88 -0.14 0.00	28.64 -0.17 0.00	29.39 -0.57 0.00	32.54 -0.70 0.00	38.42 -1.98 0.00	44.08 -3.06 0.00	51.68 -4.25 -0.01	45.48 -3.63 -0.01	37.92 -3.33 -0.13	33.06 -2.71 -0.53	31.07 -2.42 -0.33	29.63 -2.52 -0.25	28.25 -2.15 -0.14
ESPRGFLD_115KV_TB1 80157	30.49 1.00 0.00	29.71 0.98 0.00	28.86 0.95 0.00	28.42 0.85 0.00	29.32 0.96 0.00	32.91 1.27 0.00	43.70 2.00 0.00	51.13 2.48 0.00	40.66 1.83 0.00	33.90 1.27 0.00	30.35 0.88 0.00	29.81 0.78 0.00	29.51 0.69 0.00	30.77 0.81 0.00	34.40 1.16 0.00	41.93 1.54 0.00	49.17 2.03 0.00	58.50 2.57 0.00	51.37 2.26 0.00	42.99 1.81 -0.07	37.01 1.48 -0.28	34.66 1.33 -0.17	33.11 1.08 -0.13	31.23 0.91 -0.06
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.02 0.53 0.00	29.23 0.49 0.00	28.39 0.47 0.00	28.06 0.50 0.00	28.95 0.60 0.00	32.34 0.70 0.00	42.66 0.96 0.00	49.72 1.07 0.00	39.73 0.89 0.00	33.45 0.82 0.00	30.09 0.62 0.00	29.60 0.58 0.00	29.36 0.55 0.00	30.47 0.51 0.00	33.87 0.63 0.00	41.00 0.61 0.00	47.89 0.75 0.00	56.78 0.84 -0.01	49.86 0.74 -0.01	41.87 0.53 -0.22	36.63 0.46 -0.93	34.10 0.36 -0.57	32.55 0.22 -0.43	30.65 0.18 -0.21
ETNA____115KV_TB2 80207	30.02 0.53 0.00	29.23 0.49 0.00	28.39 0.47 0.00	28.06 0.50 0.00	28.95 0.60 0.00	32.34 0.70 0.00	42.66 0.96 0.00	49.72 1.07 0.00	39.73 0.89 0.00	33.45 0.82 0.00	30.09 0.62 0.00	29.60 0.58 0.00	29.36 0.55 0.00	30.47 0.51 0.00	33.87 0.63 0.00	41.00 0.61 0.00	47.89 0.75 0.00	56.78 0.84 -0.01	49.86 0.74 -0.01	41.87 0.53 -0.22	36.63 0.46 -0.93	34.10 0.36 -0.57	32.55 0.22 -0.43	30.65 0.18 -0.21
EUCLID____115KV_TB2 356179	29.04 -0.44 0.00	28.28 -0.46 0.00	27.47 -0.45 0.00	27.15 -0.41 0.00	27.96 -0.40 0.00	31.17 -0.47 0.00	40.91 -0.79 0.00	47.63 -1.02 0.00	38.13 -0.70 0.00	32.14 -0.49 0.00	29.00 -0.47 0.00	28.62 -0.41 0.00	28.38 -0.43 0.00	29.45 -0.51 0.00	32.67 -0.57 0.00	39.55 -0.85 0.00	46.10 -1.04 0.00	54.59 -1.34 0.00	47.98 -1.13 -0.01	40.22 -0.99 -0.09	34.79 -0.81 -0.36	32.69 -0.70 -0.22	31.46 -0.61 -0.17	29.79 -0.54 -0.08
E_CANADA_CAP_HY 24051	30.54 1.06 0.00	29.77 1.03 0.00	28.89 0.98 0.00	28.45 0.88 0.00	29.35 0.99 0.00	32.97 1.33 0.00	43.91 2.21 0.00	51.23 2.58 0.00	40.66 1.83 0.00	33.61 0.98 0.00	29.97 0.50 0.00	29.40 0.38 0.00	29.04 0.23 0.00	30.38 0.42 0.00	34.13 0.90 0.00	41.81 1.41 0.00	49.03 1.89 0.00	58.54 2.57 -0.04	51.49 2.31 -0.07	44.08 1.73 -1.23	41.77 1.41 -5.11	37.80 1.49 -3.14	35.49 1.21 -2.38	32.41 1.03 -1.13
E_CANADA_MHWK_HY 24050	30.43 0.94 0.00	29.71 0.98 0.00	28.92 1.00 0.00	28.58 1.02 0.00	29.43 1.08 0.00	32.91 1.27 0.00	43.53 1.83 0.00	50.94 2.29 0.00	40.62 1.79 0.00	34.13 1.50 0.00	30.83 1.36 0.00	30.36 1.34 0.00	30.17 1.35 0.00	31.37 1.41 0.00	34.80 1.56 0.00	42.13 1.74 0.00	49.17 2.03 0.00	58.28 2.35 0.00	51.02 1.91 0.00	42.65 1.52 -0.01	36.57 1.27 -0.06	34.26 1.06 -0.04	32.98 1.05 -0.03	31.21 0.94 -0.01
E_FISHKILL____LBMP 23776	31.17 1.68 0.00	30.29 1.55 0.00	29.42 1.51 0.00	28.94 1.38 0.00	29.66 1.30 0.00	33.13 1.49 0.00	43.87 2.17 0.00	51.57 2.92 0.00	41.08 2.25 0.00	34.52 1.89 0.00	31.18 1.71 0.00	30.59 1.57 0.00	30.43 1.61 0.00	31.73 1.77 0.00	35.16 1.93 0.00	42.90 2.50 0.00	50.20 3.06 -0.03	59.54 3.58 -0.06	52.35 3.19 -0.95	44.78 2.71 -3.95	41.48 2.29 -2.43	37.74 2.16 -1.84	35.68 1.95 -0.87	32.91 1.79 -0.87
FALCON____SEABRD_CC1 323796	26.60 -2.89 0.00	26.44 -2.30 0.00	25.99 -1.93 0.00	26.13 -1.43 0.00	26.83 -1.53 0.00	30.76 -0.89 0.00	41.36 -0.34 0.00	48.51 -0.15 0.00	38.33 -0.51 0.00	32.20 -0.43 0.00	29.44 -0.03 0.00	29.23 0.20 0.00	29.22 0.40 0.00	30.56 0.60 0.00	33.83 0.60 0.00	40.80 0.40 0.00	47.80 0.66 0.00	57.22 1.29 0.00	49.84 0.74 0.00	42.08 0.95 -0.02	35.82 0.49 -0.08	32.91 -0.30 -0.05	31.17 -0.77 -0.04	29.76 -0.51 -0.02

FALCON___SEABRD_CC2 323797	26.60 -2.89 0.00	26.44 -2.30 0.00	25.99 -1.93 0.00	26.13 -1.43 0.00	26.83 -1.53 0.00	30.76 -0.89 0.00	41.36 -0.34 0.00	48.51 -0.15 0.00	38.33 -0.51 0.00	32.20 -0.43 0.00	29.44 -0.03 0.00	29.23 0.20 0.00	29.22 0.40 0.00	30.56 0.60 0.00	33.83 0.60 0.00	40.80 0.40 0.00	47.80 0.66 0.00	57.22 1.29 0.00	49.84 0.74 0.00	42.08 0.95 -0.02	35.82 0.49 -0.08	32.91 -0.30 -0.05	31.17 -0.77 -0.04	29.76 -0.51 -0.02
FAR ROCKAWAY___4 23548	32.02 2.54 0.00	31.04 2.30 0.00	30.04 2.12 0.00	29.47 1.90 0.00	30.20 1.84 0.00	33.67 2.03 0.00	44.74 3.04 0.00	52.69 4.04 0.00	41.94 3.11 0.00	35.08 2.45 0.00	31.97 2.50 0.00	31.29 2.26 0.00	31.18 2.36 0.00	32.57 2.61 0.00	36.26 3.02 0.00	44.21 3.80 -0.01	55.09 4.38 -3.56	69.60 5.09 -8.59	62.31 4.52 -8.69	55.86 3.91 -10.84	50.46 3.31 -11.91	47.33 3.22 -10.96	38.77 3.00 -3.87	33.92 2.78 -0.88
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	31.67 2.18 0.00	30.75 2.01 0.00	29.84 1.93 0.00	29.30 1.74 0.00	30.00 1.64 0.00	33.51 1.87 0.00	44.37 2.67 0.00	52.30 3.65 0.00	41.74 2.91 0.00	35.21 2.58 0.00	31.83 2.36 0.00	31.23 2.21 0.00	31.03 2.22 0.00	32.36 2.40 0.00	35.83 2.59 0.00	43.63 3.23 0.00	51.01 3.87 0.00	60.43 4.47 -0.03	53.19 4.03 -0.06	45.51 3.45 -0.94	42.01 2.85 -3.91	38.32 2.75 -2.40	36.27 2.55 -1.82	33.48 2.36 -0.86
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	31.67 2.18 0.00	30.75 2.01 0.00	29.84 1.93 0.00	29.33 1.76 0.00	30.00 1.64 0.00	33.51 1.87 0.00	44.37 2.67 0.00	52.30 3.65 0.00	41.74 2.91 0.00	35.21 2.58 0.00	31.83 2.36 0.00	31.23 2.21 0.00	31.03 2.22 0.00	32.36 2.40 0.00	35.83 2.59 0.00	43.63 3.23 0.00	51.01 3.87 0.00	60.43 4.47 -0.03	53.19 4.03 -0.06	45.51 3.45 -0.94	42.01 2.85 -3.91	38.32 2.75 -2.40	36.27 2.55 -1.82	33.51 2.39 -0.86
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	31.67 2.18 0.00	30.75 2.01 0.00	29.84 1.93 0.00	29.30 1.74 0.00	30.00 1.64 0.00	33.51 1.87 0.00	44.37 2.67 0.00	52.25 3.60 0.00	41.74 2.91 0.00	35.17 2.55 0.00	31.83 2.36 0.00	31.20 2.18 0.00	31.03 2.22 0.00	32.36 2.40 0.00	35.80 2.56 0.00	43.59 3.19 0.00	51.01 3.87 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.47 3.41 -0.94	42.01 2.85 -3.91	38.28 2.72 -2.40	36.23 2.52 -1.82	33.48 2.36 -0.86
FARRAGUT___LBMP 323566	31.64 2.15 0.00	30.72 1.98 0.00	29.81 1.90 0.00	29.27 1.71 0.00	29.97 1.62 0.00	33.48 1.84 0.00	44.33 2.63 0.00	52.20 3.55 0.00	41.71 2.87 0.00	35.14 2.51 0.00	31.80 2.33 0.00	31.17 2.15 0.00	31.00 2.19 0.00	32.33 2.37 0.00	35.80 2.56 0.00	43.55 3.15 0.00	50.96 3.82 0.00	60.32 4.36 -0.03	53.09 3.93 -0.06	45.47 3.41 -0.94	41.97 2.82 -3.91	38.28 2.72 -2.40	36.23 2.52 -1.82	33.45 2.33 -0.86
FENNER___WINDPWR 24204	29.93 0.44 0.00	29.22 0.49 0.00	28.39 0.47 0.00	28.03 0.47 0.00	28.92 0.57 0.00	32.34 0.70 0.00	42.74 1.04 0.00	50.01 1.36 0.00	39.84 1.01 0.00	33.45 0.82 0.00	30.15 0.68 0.00	29.66 0.64 0.00	29.45 0.63 0.00	30.56 0.60 0.00	33.97 0.73 0.00	41.20 0.81 0.00	48.18 1.04 0.00	57.16 1.23 0.00	50.15 1.03 -0.01	42.06 0.82 -0.12	36.41 0.67 -0.50	33.93 0.46 -0.31	32.54 0.41 -0.23	30.70 0.33 -0.11
FIBERTEK___ENERGY 23856	29.40 -0.09 0.00	28.62 -0.11 0.00	27.80 -0.11 0.00	27.45 -0.11 0.00	28.30 -0.06 0.00	31.55 -0.09 0.00	41.49 -0.21 0.00	48.31 -0.34 0.00	38.68 -0.16 0.00	32.56 -0.07 0.00	29.38 -0.09 0.00	28.96 -0.06 0.00	28.73 -0.09 0.00	29.81 -0.15 0.00	33.10 -0.13 0.00	40.07 -0.32 0.00	46.67 -0.47 0.00	55.32 -0.62 0.00	48.57 -0.54 -0.01	40.73 -0.49 -0.10	35.28 -0.39 -0.43	33.09 -0.33 -0.26	31.81 -0.29 -0.20	30.08 -0.27 -0.09
FITZPATRICK____ 23598	28.66 -0.83 0.00	27.93 -0.80 0.00	27.10 -0.81 0.00	26.79 -0.77 0.00	27.59 -0.76 0.00	30.72 -0.92 0.00	40.32 -1.38 0.00	46.95 -1.70 0.00	37.51 -1.32 0.00	31.58 -1.05 0.00	28.56 -0.91 0.00	28.15 -0.87 0.00	27.95 -0.86 0.00	29.00 -0.96 0.00	32.14 -1.10 0.00	38.98 -1.41 0.00	45.44 -1.70 0.00	53.86 -2.07 0.00	47.29 -1.82 0.00	39.66 -1.52 -0.06	34.19 -1.30 -0.25	32.15 -1.16 -0.15	31.02 -0.99 -0.12	29.41 -0.91 -0.05
FLOWRFLD_69_KV_BK1 356044	32.14 2.65 0.00	31.18 2.44 0.00	30.18 2.26 0.00	29.58 2.01 0.00	30.23 1.87 0.00	33.57 1.93 0.00	44.49 2.79 0.00	52.45 3.79 0.00	41.63 2.80 0.00	34.65 2.02 0.00	31.89 2.42 0.00	31.17 2.15 0.00	31.18 2.36 0.00	32.54 2.58 0.00	36.09 2.86 0.00	44.28 3.88 -0.01	54.29 4.76 -2.39	66.98 5.31 -5.74	59.31 4.76 -5.44	52.89 4.23 -7.54	48.06 3.56 -9.26	44.73 3.45 -8.12	38.47 3.38 -3.20	34.25 3.12 -0.88
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.46 1.98 0.00	30.58 1.84 0.00	29.70 1.79 0.00	29.22 1.65 0.00	29.97 1.62 0.00	33.44 1.80 0.00	44.41 2.71 0.00	52.16 3.50 0.00	41.55 2.72 0.00	34.85 2.22 0.00	31.39 1.92 0.00	30.76 1.74 0.00	30.57 1.76 0.00	31.91 1.95 0.00	35.46 2.23 0.00	43.34 2.95 0.00	50.68 3.54 0.00	60.21 4.25 -0.03	52.94 3.78 -0.06	45.18 3.12 -0.94	41.80 2.64 -3.91	38.02 2.45 -2.40	35.85 2.14 -1.82	33.18 2.06 -0.86
FORT ORANGE____ 23900	30.13 0.65 0.00	29.37 0.63 0.00	28.61 0.70 0.00	28.20 0.63 0.00	28.95 0.60 0.00	32.27 0.63 0.00	42.66 0.96 0.00	49.87 1.22 0.00	39.61 0.78 0.00	33.09 0.46 0.00	29.91 0.44 0.00	29.43 0.41 0.00	29.22 0.40 0.00	30.44 0.48 0.00	33.77 0.53 0.00	41.24 0.85 0.00	48.22 1.09 0.00	57.42 1.45 -0.03	50.49 1.33 -0.06	43.16 0.99 -1.06	40.53 0.88 -4.40	36.73 0.86 -2.71	34.68 0.73 -2.05	31.89 0.66 -0.97
FORT_DRUM_COGEN 23780	28.39 -1.09 0.00	27.87 -0.86 0.00	27.13 -0.78 0.00	26.85 -0.72 0.00	27.90 -0.45 0.00	31.36 -0.28 0.00	41.78 0.08 0.00	49.14 0.49 0.00	38.99 0.16 0.00	32.50 -0.13 0.00	29.29 -0.18 0.00	28.76 -0.26 0.00	28.53 -0.29 0.00	29.66 -0.30 0.00	32.94 -0.30 0.00	40.11 -0.28 0.00	47.14 0.00 0.00	56.27 0.34 0.00	49.45 0.34 0.00	41.50 0.33 -0.06	35.54 0.07 -0.23	32.87 -0.43 -0.14	31.40 -0.61 -0.11	29.58 -0.73 -0.05
FOX_HILLS___ESR 323835	31.79 2.30 -0.01	30.87 2.13 -0.01	29.93 2.01 -0.01	29.39 1.82 -0.01	30.10 1.73 -0.01	33.54 1.90 0.00	44.24 2.54 0.00	51.96 3.31 0.00	41.51 2.68 0.00	35.04 2.41 0.00	31.65 2.18 0.00	31.05 2.03 0.00	30.89 2.07 0.00	32.21 2.25 0.00	35.66 2.43 0.00	43.42 3.03 0.00	50.82 3.68 0.00	60.21 4.25 -0.03	52.99 3.83 -0.06	45.43 3.37 -0.94	41.87 2.71 -3.91	38.25 2.69 -2.40	36.30 2.58 -1.82	33.60 2.48 -0.86
FPL FAR_ROCK_GT1 24212	31.96 2.48 0.00	31.01 2.27 0.00	30.04 2.12 0.00	29.46 1.90 0.00	30.20 1.84 0.00	33.54 1.90 0.00	44.62 2.92 0.00	52.40 3.75 0.00	41.94 3.11 0.00	35.08 2.45 0.00	31.95 2.48 0.00	31.29 2.27 0.00	30.98 2.16 0.00	32.45 2.49 0.00	36.26 3.02 0.00	44.21 3.80 -0.01	55.09 4.38 -3.56	69.55 5.04 -8.59	62.26 4.47 -8.69	55.86 3.91 -10.84	50.46 3.31 -11.91	47.33 3.22 -10.96	38.77 3.00 -3.87	33.92 2.78 -0.88

FPL FAR_ROCK_GT2 23815	31.96 2.48 0.00	31.01 2.27 0.00	30.04 2.12 0.00	29.46 1.90 0.00	30.20 1.84 0.00	33.54 1.90 0.00	44.62 2.92 0.00	52.40 3.75 0.00	41.94 3.11 0.00	35.08 2.45 0.00	31.95 2.48 0.00	31.29 2.27 0.00	30.98 2.16 0.00	32.45 2.49 0.00	36.26 3.02 0.00	44.21 3.80 -0.01	55.09 4.38 -3.56	69.55 5.04 -8.59	62.26 4.47 -8.69	55.86 3.91 -10.84	50.46 3.31 -11.91	47.33 3.22 -10.96	38.77 3.00 -3.87	33.92 2.78 -0.88
FRANKLIN_FALL_HYD 24054	26.65 -2.83 0.00	26.67 -2.07 0.00	26.04 -1.87 0.00	26.16 -1.41 0.00	27.11 -1.25 0.00	30.79 -0.85 0.00	41.41 -0.29 0.00	48.60 -0.05 0.00	40.70 1.86 0.00	33.90 1.27 0.00	30.94 1.47 0.00	30.65 1.63 0.00	30.57 1.76 0.00	31.82 1.86 0.00	35.10 1.86 0.00	42.25 1.86 0.00	49.59 2.45 0.00	59.73 3.80 0.00	52.00 2.90 0.00	43.85 2.71 -0.02	37.27 1.94 -0.09	34.01 0.80 -0.05	31.94 0.00 -0.04	30.49 0.21 -0.02
FREEPORT_EQUS_GT1 23764	31.81 2.33 0.00	30.83 2.10 0.00	29.90 1.98 0.00	29.33 1.77 0.00	30.06 1.70 0.00	33.32 1.68 0.00	44.37 2.67 0.00	52.06 3.40 0.00	41.71 2.87 0.00	34.85 2.22 0.00	31.77 2.30 0.00	31.11 2.09 0.00	30.77 1.96 0.00	32.27 2.31 0.00	36.06 2.82 0.00	43.96 3.56 -0.01	54.34 4.15 -3.05	68.08 4.81 -7.34	60.61 4.27 -7.23	54.21 3.70 -9.39	49.13 3.14 -10.75	45.96 3.08 -9.71	38.35 2.87 -3.58	33.80 2.66 -0.88
FREEPORT___CT2 23818	31.81 2.33 0.00	30.83 2.10 0.00	29.90 1.98 0.00	29.33 1.77 0.00	30.06 1.70 0.00	33.32 1.68 0.00	44.37 2.67 0.00	52.06 3.40 0.00	41.71 2.87 0.00	34.85 2.22 0.00	31.77 2.30 0.00	31.11 2.09 0.00	30.77 1.96 0.00	32.27 2.31 0.00	36.06 2.82 0.00	43.96 3.56 -0.01	54.34 4.15 -3.05	68.08 4.81 -7.34	60.61 4.27 -7.23	54.21 3.70 -9.39	49.13 3.14 -10.75	45.96 3.08 -9.71	38.35 2.87 -3.58	33.80 2.66 -0.88
FRESHKLS_33_KV_LOAD 356253	31.76 2.27 -0.01	30.84 2.10 -0.01	29.93 2.01 -0.01	29.36 1.79 -0.01	30.07 1.70 -0.01	33.51 1.87 0.00	44.20 2.50 0.00	51.86 3.21 0.00	41.40 2.56 0.00	34.95 2.32 0.00	31.56 2.09 0.00	30.94 1.92 0.00	30.77 1.96 0.00	32.12 2.16 0.00	35.56 2.33 0.00	43.34 2.95 0.00	50.72 3.58 0.00	60.10 4.14 -0.03	52.94 3.78 -0.06	45.35 3.29 -0.94	41.80 2.64 -3.91	38.22 2.65 -2.40	36.27 2.55 -1.82	33.57 2.45 -0.86
FULTON COGEN____ 23766	28.95 -0.53 0.00	28.19 -0.55 0.00	27.38 -0.53 0.00	27.04 -0.52 0.00	27.88 -0.48 0.00	31.07 -0.57 0.00	40.82 -0.88 0.00	47.53 -1.12 0.00	38.02 -0.82 0.00	32.01 -0.62 0.00	28.91 -0.56 0.00	28.50 -0.52 0.00	28.27 -0.55 0.00	29.33 -0.63 0.00	32.54 -0.70 0.00	39.43 -0.97 0.00	45.91 -1.23 0.00	54.42 -1.51 0.00	47.78 -1.33 0.00	40.09 -1.11 -0.08	34.67 -0.92 -0.34	32.54 -0.83 -0.21	31.35 -0.70 -0.16	29.67 -0.67 -0.08
FULTON___LFGE 323630	30.87 1.39 0.00	30.12 1.38 0.00	29.23 1.31 0.00	28.78 1.21 0.00	29.66 1.31 0.00	33.35 1.71 0.00	44.37 2.67 0.00	51.77 3.12 0.00	41.04 2.21 0.00	33.97 1.34 0.00	30.35 0.88 0.00	29.81 0.78 0.00	29.45 0.63 0.00	30.77 0.81 0.00	34.53 1.29 0.00	42.37 1.98 0.00	49.73 2.59 0.00	59.38 3.41 -0.04	52.17 3.00 -0.07	44.64 2.34 -1.18	42.06 1.94 -4.88	38.02 1.86 -3.00	35.73 1.56 -2.27	32.73 1.39 -1.08
G.F.CEMENT___DRP 24184	30.87 1.39 0.00	30.12 1.38 0.00	29.20 1.28 0.00	28.75 1.19 0.00	29.58 1.22 0.00	33.22 1.58 0.00	44.08 2.38 0.00	51.52 2.87 0.00	40.85 2.02 0.00	34.10 1.47 0.00	30.62 1.15 0.00	30.07 1.04 0.00	29.82 1.01 0.00	31.10 1.14 0.00	34.57 1.33 0.00	42.25 1.86 0.00	49.45 2.31 0.00	58.93 2.96 -0.04	51.77 2.60 -0.07	44.22 2.01 -1.09	41.47 1.69 -4.53	37.47 1.53 -2.79	35.50 1.50 -2.11	33.16 1.91 -1.00
GARDENVILLE___LBMP 24039	28.54 -0.94 0.00	27.59 -1.15 0.00	26.77 -1.14 0.00	26.77 -0.80 0.00	27.76 -0.60 0.00	30.69 -0.95 0.00	40.20 -1.50 0.00	45.44 -3.21 0.00	37.40 -1.44 0.00	32.17 -0.46 0.00	28.85 -0.62 0.00	28.76 -0.26 0.00	28.41 -0.40 0.00	29.27 -0.69 0.00	32.37 -0.86 0.00	38.25 -2.14 0.00	43.89 -3.25 0.00	51.40 -4.53 -0.01	45.28 -3.83 -0.01	37.79 -3.45 -0.13	32.95 -2.82 -0.53	31.00 -2.49 -0.33	29.56 -2.58 -0.25	28.22 -2.18 -0.14
GARDNVLA_35_KV_LD 355827	28.69 -0.80 0.00	27.70 -1.03 0.00	26.91 -1.00 0.00	26.90 -0.66 0.00	27.90 -0.45 0.00	30.85 -0.79 0.00	40.41 -1.29 0.00	45.69 -2.97 0.00	37.63 -1.20 0.00	32.37 -0.26 0.00	29.00 -0.47 0.00	28.94 -0.09 0.00	28.58 -0.23 0.00	29.42 -0.54 0.00	32.57 -0.66 0.00	38.50 -1.90 0.00	44.12 -3.02 0.00	51.68 -4.25 -0.01	45.53 -3.58 -0.01	38.00 -3.25 -0.13	33.13 -2.64 -0.53	31.14 -2.35 -0.33	29.66 -2.49 -0.25	28.31 -2.09 -0.14
GELCKHM___115KV_LOAD 80723	29.19 -0.29 0.00	28.39 -0.34 0.00	27.61 -0.31 0.00	27.26 -0.30 0.00	28.10 -0.26 0.00	31.29 -0.35 0.00	41.12 -0.58 0.00	47.87 -0.78 0.00	38.33 -0.50 0.00	32.30 -0.33 0.00	29.15 -0.32 0.00	28.73 -0.29 0.00	28.50 -0.32 0.00	29.57 -0.39 0.00	32.80 -0.43 0.00	39.75 -0.65 0.00	46.29 -0.85 0.00	54.87 -1.06 0.00	48.18 -0.93 -0.01	40.39 -0.82 -0.09	34.96 -0.67 -0.38	32.83 -0.56 -0.23	31.56 -0.51 -0.18	29.89 -0.45 -0.08
GENERAL___MILLS 23808	28.63 -0.86 0.00	27.67 -1.06 0.00	26.85 -1.06 0.00	26.85 -0.72 0.00	27.85 -0.51 0.00	30.82 -0.82 0.00	40.32 -1.38 0.00	45.59 -3.07 0.00	37.55 -1.28 0.00	32.30 -0.33 0.00	28.94 -0.53 0.00	28.88 -0.15 0.00	28.53 -0.29 0.00	29.36 -0.60 0.00	32.50 -0.73 0.00	38.42 -1.98 0.00	44.03 -3.11 0.00	51.57 -4.36 -0.01	45.48 -3.63 -0.01	37.92 -3.33 -0.13	33.06 -2.71 -0.53	31.07 -2.42 -0.33	29.60 -2.55 -0.25	28.25 -2.15 -0.14
GE_PLASTICS___DRP 24183	30.13 0.65 0.00	29.40 0.66 0.00	28.56 0.64 0.00	28.17 0.61 0.00	28.90 0.54 0.00	32.24 0.60 0.00	42.57 0.88 0.00	49.77 1.12 0.00	39.61 0.78 0.00	33.18 0.55 0.00	30.00 0.53 0.00	29.49 0.46 0.00	29.27 0.46 0.00	30.50 0.54 0.00	33.83 0.60 0.00	41.28 0.89 0.00	48.22 1.08 0.00	57.36 1.40 -0.03	50.40 1.23 -0.06	43.16 0.99 -1.06	40.53 0.88 -4.40	36.70 0.83 -2.70	34.68 0.73 -2.04	31.89 0.67 -0.97
GILBOA___1 23756	30.31 0.82 0.00	29.54 0.80 0.00	28.67 0.75 0.00	28.28 0.72 0.00	29.04 0.68 0.00	32.43 0.79 0.00	42.83 1.13 0.00	49.97 1.31 0.00	39.96 1.13 0.00	33.54 0.91 0.00	30.27 0.80 0.00	29.78 0.75 0.00	29.56 0.75 0.00	30.77 0.81 0.00	34.17 0.93 0.00	41.61 1.21 0.00	48.55 1.41 0.00	57.63 1.68 -0.03	50.63 1.47 -0.05	43.29 1.32 -0.86	39.95 1.13 -3.58	36.42 1.06 -2.20	34.49 0.93 -1.66	31.89 0.85 -0.79
GILBOA___2 23757	30.31 0.82 0.00	29.54 0.80 0.00	28.67 0.75 0.00	28.28 0.72 0.00	29.04 0.68 0.00	32.43 0.79 0.00	42.83 1.13 0.00	49.97 1.31 0.00	39.96 1.13 0.00	33.54 0.91 0.00	30.27 0.80 0.00	29.78 0.75 0.00	29.56 0.75 0.00	30.77 0.81 0.00	34.17 0.93 0.00	41.61 1.21 0.00	48.55 1.41 0.00	57.63 1.68 -0.03	50.63 1.47 -0.05	43.29 1.32 -0.86	39.95 1.13 -3.58	36.42 1.06 -2.20	34.49 0.93 -1.66	31.89 0.85 -0.79

GILBOA___3 23758	30.31 0.82 0.00	29.54 0.80 0.00	28.67 0.75 0.00	28.28 0.72 0.00	29.04 0.68 0.00	32.43 0.79 0.00	42.83 1.13 0.00	49.97 1.31 0.00	39.96 1.13 0.00	33.54 0.91 0.00	30.27 0.80 0.00	29.78 0.75 0.00	29.56 0.75 0.00	30.77 0.81 0.00	34.17 0.93 0.00	41.61 1.21 0.00	48.55 1.41 0.00	57.63 1.68 -0.03	50.63 1.47 -0.05	43.29 1.32 -0.86	39.95 1.13 -3.58	36.42 1.06 -2.20	34.49 0.93 -1.66	31.89 0.85 -0.79
GILBOA___4 23759	30.31 0.82 0.00	29.54 0.80 0.00	28.67 0.75 0.00	28.28 0.72 0.00	29.04 0.68 0.00	32.43 0.79 0.00	42.83 1.13 0.00	49.97 1.31 0.00	39.96 1.13 0.00	33.54 0.91 0.00	30.27 0.80 0.00	29.78 0.75 0.00	29.56 0.75 0.00	30.77 0.81 0.00	34.17 0.93 0.00	41.61 1.21 0.00	48.55 1.41 0.00	57.63 1.68 -0.03	50.63 1.47 -0.05	43.29 1.32 -0.86	39.95 1.13 -3.58	36.42 1.06 -2.20	34.49 0.93 -1.66	31.89 0.85 -0.79
GILBOA___ 23599	30.34 0.86 0.00	29.54 0.80 0.00	28.67 0.75 0.00	28.28 0.72 0.00	29.04 0.68 0.00	32.43 0.79 0.00	42.82 1.13 0.00	50.02 1.36 0.00	39.96 1.13 0.00	33.54 0.91 0.00	30.30 0.83 0.00	29.78 0.75 0.00	29.56 0.75 0.00	30.77 0.81 0.00	34.17 0.93 0.00	41.61 1.21 0.00	48.55 1.41 0.00	57.63 1.68 -0.03	50.63 1.47 -0.05	43.29 1.32 -0.86	39.95 1.13 -3.58	36.42 1.06 -2.20	34.49 0.93 -1.66	31.89 0.85 -0.79
GINNA___ 23603	27.42 -2.06 0.00	26.64 -2.10 0.00	25.77 -2.15 0.00	25.55 -2.01 0.00	26.46 -1.90 0.00	29.46 -2.18 0.00	38.74 -2.96 0.00	44.76 -3.89 0.00	36.11 -2.72 0.00	30.58 -2.05 0.00	27.61 -1.86 0.00	27.31 -1.71 0.00	27.09 -1.73 0.00	27.98 -1.98 0.00	31.11 -2.13 0.00	37.41 -2.99 0.00	43.23 -3.91 0.00	51.07 -4.87 0.00	44.99 -4.12 -0.01	37.82 -3.41 -0.12	32.91 -2.82 -0.49	31.01 -2.45 -0.30	29.60 -2.52 -0.23	28.16 -2.21 -0.10
GLEN PARK___ 23778	28.54 -0.94 0.00	27.99 -0.75 0.00	27.27 -0.64 0.00	26.98 -0.58 0.00	27.99 -0.37 0.00	31.51 -0.13 0.00	41.99 0.29 0.00	49.43 0.78 0.00	39.18 0.35 0.00	32.60 -0.03 0.00	29.35 -0.12 0.00	28.82 -0.20 0.00	28.58 -0.23 0.00	29.69 -0.27 0.00	33.00 -0.23 0.00	40.23 -0.16 0.00	47.38 0.24 0.00	56.55 0.62 0.00	49.75 0.64 0.00	41.75 0.58 -0.06	35.76 0.28 -0.24	33.04 -0.27 -0.15	31.59 -0.42 -0.11	29.71 -0.60 -0.05
GLENDALE_27_KV_LOAD 356172	31.91 2.42 -0.01	30.99 2.24 -0.01	30.04 2.12 -0.01	29.53 1.96 -0.01	30.24 1.87 -0.01	33.70 2.06 0.00	44.45 2.75 0.00	52.30 3.65 0.00	41.86 3.03 0.00	35.34 2.71 0.00	31.95 2.48 0.00	31.34 2.32 0.00	31.15 2.33 0.00	32.48 2.52 0.00	35.96 2.73 0.00	43.75 3.35 0.00	51.10 3.96 0.00	60.49 4.53 -0.03	53.24 4.08 -0.06	45.64 3.58 -0.94	42.08 2.93 -3.91	38.42 2.85 -2.40	36.39 2.68 -1.82	33.69 2.57 -0.86
GLENWOOD_IC_1_G5 23712	31.76 2.27 0.00	30.81 2.07 0.00	29.84 1.93 0.00	29.33 1.76 0.00	30.03 1.67 0.00	33.51 1.87 0.00	44.49 2.79 0.00	52.40 3.75 0.00	41.74 2.91 0.00	35.01 2.38 0.00	31.80 2.33 0.00	31.14 2.12 0.00	31.00 2.19 0.00	32.36 2.40 0.00	35.96 2.73 0.00	43.80 3.39 -0.02	55.01 4.01 -3.86	69.93 4.70 -9.30	62.57 4.17 -9.29	56.36 3.58 -11.66	50.82 3.00 -12.58	47.72 2.89 -11.68	38.62 2.68 -4.05	33.59 2.45 -0.88
GLENWOOD_IC_2_G1 23688	31.55 2.06 0.00	30.66 1.93 0.00	29.73 1.81 0.00	29.22 1.65 0.00	29.94 1.59 0.00	33.32 1.68 0.00	44.20 2.50 0.00	51.96 3.31 0.00	41.55 2.72 0.00	34.91 2.28 0.00	31.62 2.15 0.00	31.02 2.00 0.00	30.77 1.96 0.00	32.15 2.19 0.00	35.73 2.49 0.00	43.55 3.15 0.00	51.03 3.72 -0.16	60.66 4.31 -0.42	53.44 3.88 -0.45	45.84 3.33 -1.40	42.30 2.78 -4.28	38.64 2.68 -2.79	36.30 2.49 -1.91	33.39 2.27 -0.86
GLENWOOD_IC_3_G1 23689	31.55 2.06 0.00	30.66 1.93 0.00	29.73 1.81 0.00	29.22 1.65 0.00	29.94 1.59 0.00	33.32 1.68 0.00	44.20 2.50 0.00	51.96 3.31 0.00	41.55 2.72 0.00	34.91 2.28 0.00	31.62 2.15 0.00	31.02 2.00 0.00	30.77 1.96 0.00	32.15 2.19 0.00	35.73 2.49 0.00	43.55 3.15 0.00	51.03 3.72 -0.16	60.66 4.31 -0.42	53.44 3.88 -0.45	45.84 3.33 -1.40	42.30 2.78 -4.28	38.64 2.68 -2.79	36.30 2.49 -1.91	33.39 2.27 -0.86
GLENWOOD___4 23550	31.76 2.27 0.00	30.81 2.07 0.00	29.84 1.93 0.00	29.33 1.76 0.00	30.03 1.67 0.00	33.51 1.87 0.00	44.49 2.79 0.00	52.40 3.75 0.00	41.74 2.91 0.00	35.01 2.38 0.00	31.80 2.33 0.00	31.14 2.12 0.00	31.00 2.19 0.00	32.36 2.40 0.00	35.96 2.73 0.00	43.80 3.39 -0.02	55.01 4.01 -3.86	69.93 4.70 -9.30	62.57 4.17 -9.29	56.36 3.58 -11.66	50.82 3.00 -12.58	47.72 2.89 -11.68	38.62 2.68 -4.05	33.59 2.45 -0.88
GLENWOOD___5 23614	31.76 2.27 0.00	30.81 2.07 0.00	29.84 1.93 0.00	29.33 1.76 0.00	30.03 1.67 0.00	33.51 1.87 0.00	44.49 2.79 0.00	52.40 3.75 0.00	41.74 2.91 0.00	35.01 2.38 0.00	31.80 2.33 0.00	31.14 2.12 0.00	31.00 2.19 0.00	32.36 2.40 0.00	35.96 2.73 0.00	43.80 3.39 -0.02	55.01 4.01 -3.86	69.93 4.70 -9.30	62.57 4.17 -9.29	56.36 3.58 -11.66	50.82 3.00 -12.58	47.72 2.89 -11.68	38.62 2.68 -4.05	33.59 2.45 -0.88
GLOBAL GREEN_PORT_GT1 23814	32.08 2.60 0.00	31.12 2.38 0.00	30.18 2.26 0.00	29.58 2.01 0.00	30.12 1.76 0.00	32.78 1.14 0.00	43.53 1.83 0.00	51.28 2.63 0.00	40.93 2.10 0.00	34.00 1.37 0.00	31.53 2.06 0.00	31.00 1.97 0.00	30.60 1.79 0.00	32.00 2.04 0.00	35.76 2.52 0.00	44.00 3.59 -0.01	54.61 5.09 -2.38	67.63 5.99 -5.71	59.53 5.01 -5.41	53.56 4.93 -7.52	48.67 4.19 -9.23	45.27 4.01 -8.10	39.14 4.05 -3.19	34.95 3.81 -0.88
GLOBE___DSASP 323697	27.75 -1.74 0.00	26.81 -1.93 0.00	26.02 -1.90 0.00	25.99 -1.57 0.00	26.97 -1.39 0.00	29.77 -1.87 0.00	38.82 -2.88 0.00	43.74 -4.91 0.00	36.08 -2.76 0.00	31.13 -1.50 0.00	27.88 -1.59 0.00	27.86 -1.16 0.00	27.52 -1.30 0.00	28.31 -1.65 0.00	31.34 -1.89 0.00	36.96 -3.43 0.00	42.24 -4.90 0.00	49.39 -6.54 0.00	43.66 -5.45 -0.01	36.67 -4.56 -0.12	32.12 -3.59 -0.47	30.50 -2.95 -0.29	29.12 -3.00 -0.22	28.03 -2.36 -0.13
GOETHSLN___LBMP 323567	31.58 2.09 0.00	30.63 1.90 0.00	29.76 1.84 0.00	29.22 1.65 0.00	29.89 1.53 0.00	33.38 1.74 0.00	44.24 2.54 0.00	52.16 3.50 0.00	41.63 2.80 0.00	35.11 2.48 0.00	31.74 2.27 0.00	31.14 2.12 0.00	30.97 2.16 0.00	32.27 2.31 0.00	35.73 2.49 0.00	43.51 3.11 0.00	50.86 3.72 0.00	60.27 4.31 -0.03	52.99 3.83 -0.06	45.39 3.33 -0.94	41.90 2.75 -3.91	38.22 2.65 -2.40	36.14 2.42 -1.82	33.39 2.27 -0.86
GOLAH___69_KV_TB 1_2 80279	28.54 -0.94 0.00	27.67 -1.06 0.00	26.85 -1.06 0.00	26.68 -0.88 0.00	27.65 -0.71 0.00	30.75 -0.89 0.00	40.28 -1.42 0.00	46.17 -2.48 0.00	37.55 -1.28 0.00	31.98 -0.65 0.00	28.73 -0.74 0.00	28.53 -0.49 0.00	28.24 -0.58 0.00	29.15 -0.81 0.00	32.34 -0.90 0.00	38.66 -1.74 0.00	44.50 -2.64 0.00	52.47 -3.47 0.00	46.31 -2.80 -0.01	39.02 -2.22 -0.12	34.01 -1.73 -0.50	32.11 -1.36 -0.31	30.63 -1.50 -0.23	29.25 -1.12 -0.11

GOODYEAR_LAKE_HYD 323669	30.58 1.09 0.00	29.77 1.03 0.00	28.92 1.00 0.00	28.50 0.94 0.00	29.38 1.02 0.00	32.87 1.23 0.00	43.53 1.83 0.00	50.94 2.29 0.00	40.66 1.83 0.00	34.07 1.44 0.00	30.65 1.18 0.00	30.13 1.10 0.00	29.88 1.07 0.00	31.10 1.14 0.00	34.60 1.36 0.00	42.05 1.66 0.00	49.21 2.07 0.00	58.46 2.52 -0.01	51.33 2.21 -0.02	43.25 1.81 -0.33	38.12 1.52 -1.36	35.29 1.29 -0.84	33.65 1.12 -0.63	31.53 0.97 -0.30
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	29.96 0.47 0.00	29.11 0.37 0.00	28.28 0.36 0.00	27.95 0.39 0.00	28.81 0.45 0.00	32.15 0.51 0.00	42.37 0.67 0.00	49.24 0.58 0.00	39.53 0.70 0.00	33.38 0.75 0.00	30.06 0.59 0.00	29.63 0.61 0.00	29.36 0.55 0.00	30.47 0.51 0.00	33.80 0.57 0.00	40.88 0.48 0.00	47.61 0.47 0.00	56.44 0.50 -0.01	49.57 0.44 -0.02	41.68 0.25 -0.32	36.80 0.25 -1.31	34.13 0.17 -0.81	32.57 0.06 -0.61	30.61 0.06 -0.29
GOUDEY___7 23579	29.96 0.47 0.00	29.11 0.37 0.00	28.28 0.36 0.00	27.95 0.39 0.00	28.81 0.45 0.00	32.15 0.51 0.00	42.37 0.67 0.00	49.24 0.58 0.00	39.53 0.70 0.00	33.38 0.75 0.00	30.06 0.59 0.00	29.63 0.61 0.00	29.36 0.55 0.00	30.47 0.51 0.00	33.80 0.57 0.00	40.88 0.48 0.00	47.61 0.47 0.00	56.44 0.50 -0.01	49.57 0.44 -0.02	41.68 0.25 -0.32	36.80 0.25 -1.31	34.13 0.17 -0.81	32.57 0.06 -0.61	30.61 0.06 -0.29
GOUDEY___8 23580	29.96 0.47 0.00	29.11 0.37 0.00	28.28 0.36 0.00	27.95 0.39 0.00	28.81 0.45 0.00	32.15 0.51 0.00	42.37 0.67 0.00	49.24 0.58 0.00	39.53 0.70 0.00	33.38 0.75 0.00	30.06 0.59 0.00	29.63 0.61 0.00	29.36 0.55 0.00	30.47 0.51 0.00	33.80 0.57 0.00	40.88 0.48 0.00	47.61 0.47 0.00	56.44 0.50 -0.01	49.57 0.44 -0.02	41.68 0.25 -0.32	36.80 0.25 -1.31	34.13 0.17 -0.81	32.57 0.06 -0.61	30.61 0.06 -0.29
GOWANUS_GT1_1 24077	31.85 2.36 -0.01	30.93 2.18 -0.01	30.02 2.09 -0.01	29.47 1.90 -0.01	30.18 1.81 -0.01	33.63 1.99 0.00	44.37 2.67 0.00	52.16 3.50 0.00	41.67 2.83 0.00	35.17 2.55 0.00	31.80 2.33 0.00	31.20 2.18 0.00	31.00 2.19 0.00	32.33 2.37 0.00	35.80 2.56 0.00	43.59 3.19 0.00	50.96 3.82 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.55 3.49 -0.94	41.97 2.82 -3.91	38.35 2.79 -2.40	36.36 2.65 -1.82	33.66 2.54 -0.86
GOWANUS_GT1_2 24078	31.85 2.36 -0.01	30.93 2.18 -0.01	30.02 2.09 -0.01	29.47 1.90 -0.01	30.18 1.81 -0.01	33.63 1.99 0.00	44.37 2.67 0.00	52.16 3.50 0.00	41.67 2.83 0.00	35.17 2.55 0.00	31.80 2.33 0.00	31.20 2.18 0.00	31.00 2.19 0.00	32.33 2.37 0.00	35.80 2.56 0.00	43.59 3.19 0.00	50.96 3.82 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.55 3.49 -0.94	41.97 2.82 -3.91	38.35 2.79 -2.40	36.36 2.65 -1.82	33.66 2.54 -0.86
GOWANUS_GT1_3 24079	31.85 2.36 -0.01	30.93 2.18 -0.01	30.02 2.09 -0.01	29.47 1.90 -0.01	30.18 1.81 -0.01	33.63 1.99 0.00	44.37 2.67 0.00	52.16 3.50 0.00	41.67 2.83 0.00	35.17 2.55 0.00	31.80 2.33 0.00	31.20 2.18 0.00	31.00 2.19 0.00	32.33 2.37 0.00	35.80 2.56 0.00	43.59 3.19 0.00	50.96 3.82 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.55 3.49 -0.94	41.97 2.82 -3.91	38.35 2.79 -2.40	36.36 2.65 -1.82	33.66 2.54 -0.86
GOWANUS_GT1_4 24080	31.85 2.36 -0.01	30.93 2.18 -0.01	30.02 2.09 -0.01	29.47 1.90 -0.01	30.18 1.81 -0.01	33.63 1.99 0.00	44.37 2.67 0.00	52.16 3.50 0.00	41.67 2.83 0.00	35.17 2.55 0.00	31.80 2.33 0.00	31.20 2.18 0.00	31.00 2.19 0.00	32.33 2.37 0.00	35.80 2.56 0.00	43.59 3.19 0.00	50.96 3.82 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.55 3.49 -0.94	41.97 2.82 -3.91	38.35 2.79 -2.40	36.36 2.65 -1.82	33.66 2.54 -0.86
GOWANUS_GT1_5 24084	31.85 2.36 -0.01	30.93 2.18 -0.01	30.02 2.09 -0.01	29.47 1.90 -0.01	30.18 1.81 -0.01	33.63 1.99 0.00	44.37 2.67 0.00	52.16 3.50 0.00	41.67 2.83 0.00	35.17 2.55 0.00	31.80 2.33 0.00	31.20 2.18 0.00	31.00 2.19 0.00	32.33 2.37 0.00	35.80 2.56 0.00	43.59 3.19 0.00	50.96 3.82 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.55 3.49 -0.94	41.97 2.82 -3.91	38.35 2.79 -2.40	36.36 2.65 -1.82	33.66 2.54 -0.86
GOWANUS_GT1_6 24111	31.85 2.36 -0.01	30.93 2.18 -0.01	30.02 2.09 -0.01	29.47 1.90 -0.01	30.18 1.81 -0.01	33.63 1.99 0.00	44.37 2.67 0.00	52.16 3.50 0.00	41.67 2.83 0.00	35.17 2.55 0.00	31.80 2.33 0.00	31.20 2.18 0.00	31.00 2.19 0.00	32.33 2.37 0.00	35.80 2.56 0.00	43.59 3.19 0.00	50.96 3.82 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.55 3.49 -0.94	41.97 2.82 -3.91	38.35 2.79 -2.40	36.36 2.65 -1.82	33.66 2.54 -0.86
GOWANUS_GT1_7 24112	31.85 2.36 -0.01	30.93 2.18 -0.01	30.02 2.09 -0.01	29.47 1.90 -0.01	30.18 1.81 -0.01	33.63 1.99 0.00	44.37 2.67 0.00	52.16 3.50 0.00	41.67 2.83 0.00	35.17 2.55 0.00	31.80 2.33 0.00	31.20 2.18 0.00	31.00 2.19 0.00	32.33 2.37 0.00	35.80 2.56 0.00	43.59 3.19 0.00	50.96 3.82 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.55 3.49 -0.94	41.97 2.82 -3.91	38.35 2.79 -2.40	36.36 2.65 -1.82	33.66 2.54 -0.86
GOWANUS_GT1_8 24113	31.85 2.36 -0.01	30.93 2.18 -0.01	30.02 2.09 -0.01	29.47 1.90 -0.01	30.18 1.81 -0.01	33.63 1.99 0.00	44.37 2.67 0.00	52.16 3.50 0.00	41.67 2.83 0.00	35.17 2.55 0.00	31.80 2.33 0.00	31.20 2.18 0.00	31.00 2.19 0.00	32.33 2.37 0.00	35.80 2.56 0.00	43.59 3.19 0.00	50.96 3.82 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.55 3.49 -0.94	41.97 2.82 -3.91	38.35 2.79 -2.40	36.36 2.65 -1.82	33.66 2.54 -0.86
GOWANUS_GT2_1 24114	31.79 2.30 -0.01	30.90 2.16 -0.01	29.99 2.07 -0.01	29.45 1.88 -0.01	30.18 1.82 -0.01	33.60 1.96 0.00	44.29 2.59 0.00	52.01 3.35 0.00	41.63 2.80 0.00	35.14 2.51 0.00	31.74 2.27 0.00	31.17 2.15 0.00	30.95 2.13 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.55 3.15 0.00	50.91 3.77 0.00	60.33 4.37 -0.03	53.09 3.93 -0.06	45.51 3.45 -0.94	41.94 2.78 -3.91	38.32 2.75 -2.40	36.33 2.62 -1.82	33.66 2.54 -0.86
GOWANUS_GT2_2 24115	31.79 2.30 -0.01	30.90 2.16 -0.01	29.99 2.07 -0.01	29.45 1.88 -0.01	30.18 1.82 -0.01	33.60 1.96 0.00	44.29 2.59 0.00	52.01 3.35 0.00	41.63 2.80 0.00	35.14 2.51 0.00	31.74 2.27 0.00	31.17 2.15 0.00	30.95 2.13 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.55 3.15 0.00	50.91 3.77 0.00	60.33 4.37 -0.03	53.09 3.93 -0.06	45.51 3.45 -0.94	41.94 2.78 -3.91	38.32 2.75 -2.40	36.33 2.62 -1.82	33.66 2.54 -0.86
GOWANUS_GT2_3 24116	31.79 2.30 -0.01	30.90 2.16 -0.01	29.99 2.07 -0.01	29.45 1.88 -0.01	30.18 1.82 -0.01	33.60 1.96 0.00	44.29 2.59 0.00	52.01 3.35 0.00	41.63 2.80 0.00	35.14 2.51 0.00	31.74 2.27 0.00	31.17 2.15 0.00	30.95 2.13 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.55 3.15 0.00	50.91 3.77 0.00	60.33 4.37 -0.03	53.09 3.93 -0.06	45.51 3.45 -0.94	41.94 2.78 -3.91	38.32 2.75 -2.40	36.33 2.62 -1.82	33.66 2.54 -0.86

GOWANUS_GT2_4 24117	31.79 2.30 -0.01	30.90 2.16 -0.01	29.99 2.07 -0.01	29.45 1.88 -0.01	30.18 1.82 -0.01	33.60 1.96 0.00	44.29 2.59 0.00	52.01 3.35 0.00	41.63 2.80 0.00	35.14 2.51 0.00	31.74 2.27 0.00	31.17 2.15 0.00	30.95 2.13 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.55 3.15 0.00	50.91 3.77 0.00	60.33 4.37 -0.03	53.09 3.93 -0.06	45.51 3.45 -0.94	41.94 2.78 -3.91	38.32 2.75 -2.40	36.33 2.62 -1.82	33.66 2.54 -0.86
GOWANUS_GT2_5 24118	31.79 2.30 -0.01	30.90 2.16 -0.01	29.99 2.07 -0.01	29.45 1.88 -0.01	30.18 1.82 -0.01	33.60 1.96 0.00	44.29 2.59 0.00	52.01 3.35 0.00	41.63 2.80 0.00	35.14 2.51 0.00	31.74 2.27 0.00	31.17 2.15 0.00	30.95 2.13 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.55 3.15 0.00	50.91 3.77 0.00	60.33 4.37 -0.03	53.09 3.93 -0.06	45.51 3.45 -0.94	41.94 2.78 -3.91	38.32 2.75 -2.40	36.33 2.62 -1.82	33.66 2.54 -0.86
GOWANUS_GT2_6 24119	31.79 2.30 -0.01	30.90 2.16 -0.01	29.99 2.07 -0.01	29.45 1.88 -0.01	30.18 1.82 -0.01	33.60 1.96 0.00	44.29 2.59 0.00	52.01 3.35 0.00	41.63 2.80 0.00	35.14 2.51 0.00	31.74 2.27 0.00	31.17 2.15 0.00	30.95 2.13 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.55 3.15 0.00	50.91 3.77 0.00	60.33 4.37 -0.03	53.09 3.93 -0.06	45.51 3.45 -0.94	41.94 2.78 -3.91	38.32 2.75 -2.40	36.33 2.62 -1.82	33.66 2.54 -0.86
GOWANUS_GT2_7 24120	31.79 2.30 -0.01	30.90 2.16 -0.01	29.99 2.07 -0.01	29.45 1.88 -0.01	30.18 1.82 -0.01	33.60 1.96 0.00	44.29 2.59 0.00	52.01 3.35 0.00	41.63 2.80 0.00	35.14 2.51 0.00	31.74 2.27 0.00	31.17 2.15 0.00	30.95 2.13 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.55 3.15 0.00	50.91 3.77 0.00	60.33 4.37 -0.03	53.09 3.93 -0.06	45.51 3.45 -0.94	41.94 2.78 -3.91	38.32 2.75 -2.40	36.33 2.62 -1.82	33.66 2.54 -0.86
GOWANUS_GT2_8 24121	31.79 2.30 -0.01	30.90 2.16 -0.01	29.99 2.07 -0.01	29.45 1.88 -0.01	30.18 1.82 -0.01	33.60 1.96 0.00	44.29 2.59 0.00	52.01 3.35 0.00	41.63 2.80 0.00	35.14 2.51 0.00	31.74 2.27 0.00	31.17 2.15 0.00	30.95 2.13 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.55 3.15 0.00	50.91 3.77 0.00	60.33 4.37 -0.03	53.09 3.93 -0.06	45.51 3.45 -0.94	41.94 2.78 -3.91	38.32 2.75 -2.40	36.33 2.62 -1.82	33.66 2.54 -0.86
GOWANUS_GT3_1 24122	31.82 2.33 -0.01	30.93 2.18 -0.01	30.02 2.09 -0.01	29.47 1.90 -0.01	30.18 1.82 -0.01	33.60 1.96 0.00	44.33 2.63 0.00	52.01 3.35 0.00	41.67 2.83 0.00	35.18 2.55 0.00	31.74 2.27 0.00	31.20 2.18 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.59 3.19 0.00	50.96 3.82 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.55 3.49 -0.94	41.97 2.82 -3.91	38.35 2.79 -2.40	36.33 2.62 -1.82	33.66 2.54 -0.86
GOWANUS_GT3_2 24123	31.82 2.33 -0.01	30.93 2.18 -0.01	30.02 2.09 -0.01	29.47 1.90 -0.01	30.18 1.82 -0.01	33.60 1.96 0.00	44.33 2.63 0.00	52.01 3.35 0.00	41.67 2.83 0.00	35.18 2.55 0.00	31.74 2.27 0.00	31.20 2.18 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.59 3.19 0.00	50.96 3.82 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.55 3.49 -0.94	41.97 2.82 -3.91	38.35 2.79 -2.40	36.33 2.62 -1.82	33.66 2.54 -0.86
GOWANUS_GT3_3 24124	31.82 2.33 -0.01	30.93 2.18 -0.01	30.02 2.09 -0.01	29.47 1.90 -0.01	30.18 1.82 -0.01	33.60 1.96 0.00	44.33 2.63 0.00	52.01 3.35 0.00	41.67 2.83 0.00	35.18 2.55 0.00	31.74 2.27 0.00	31.20 2.18 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.59 3.19 0.00	50.96 3.82 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.55 3.49 -0.94	41.97 2.82 -3.91	38.35 2.79 -2.40	36.33 2.62 -1.82	33.66 2.54 -0.86
GOWANUS_GT3_4 24125	31.82 2.33 -0.01	30.93 2.18 -0.01	30.02 2.09 -0.01	29.47 1.90 -0.01	30.18 1.82 -0.01	33.60 1.96 0.00	44.33 2.63 0.00	52.01 3.35 0.00	41.67 2.83 0.00	35.18 2.55 0.00	31.74 2.27 0.00	31.20 2.18 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.59 3.19 0.00	50.96 3.82 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.55 3.49 -0.94	41.97 2.82 -3.91	38.35 2.79 -2.40	36.33 2.62 -1.82	33.66 2.54 -0.86
GOWANUS_GT3_5 24126	31.82 2.33 -0.01	30.93 2.18 -0.01	30.02 2.09 -0.01	29.47 1.90 -0.01	30.18 1.82 -0.01	33.60 1.96 0.00	44.33 2.63 0.00	52.01 3.35 0.00	41.67 2.83 0.00	35.18 2.55 0.00	31.74 2.27 0.00	31.20 2.18 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.59 3.19 0.00	50.96 3.82 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.55 3.49 -0.94	41.97 2.82 -3.91	38.35 2.79 -2.40	36.33 2.62 -1.82	33.66 2.54 -0.86
GOWANUS_GT3_6 24127	31.82 2.33 -0.01	30.93 2.18 -0.01	30.02 2.09 -0.01	29.47 1.90 -0.01	30.18 1.82 -0.01	33.60 1.96 0.00	44.33 2.63 0.00	52.01 3.35 0.00	41.67 2.83 0.00	35.18 2.55 0.00	31.74 2.27 0.00	31.20 2.18 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.59 3.19 0.00	50.96 3.82 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.55 3.49 -0.94	41.97 2.82 -3.91	38.35 2.79 -2.40	36.33 2.62 -1.82	33.66 2.54 -0.86
GOWANUS_GT3_7 24128	31.82 2.33 -0.01	30.93 2.18 -0.01	30.02 2.09 -0.01	29.47 1.90 -0.01	30.18 1.82 -0.01	33.60 1.96 0.00	44.33 2.63 0.00	52.01 3.35 0.00	41.67 2.83 0.00	35.18 2.55 0.00	31.74 2.27 0.00	31.20 2.18 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.59 3.19 0.00	50.96 3.82 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.55 3.49 -0.94	41.97 2.82 -3.91	38.35 2.79 -2.40	36.33 2.62 -1.82	33.66 2.54 -0.86
GOWANUS_GT3_8 24129	31.82 2.33 -0.01	30.93 2.18 -0.01	30.02 2.09 -0.01	29.47 1.90 -0.01	30.18 1.82 -0.01	33.60 1.96 0.00	44.33 2.63 0.00	52.01 3.35 0.00	41.67 2.83 0.00	35.18 2.55 0.00	31.74 2.27 0.00	31.20 2.18 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.59 3.19 0.00	50.96 3.82 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.55 3.49 -0.94	41.97 2.82 -3.91	38.35 2.79 -2.40	36.33 2.62 -1.82	33.66 2.54 -0.86
GOWANUS_GT4_1 24130	31.85 2.36 -0.01	30.93 2.18 -0.01	29.99 2.07 -0.01	29.45 1.87 -0.01	30.15 1.79 -0.01	33.60 1.96 0.00	44.33 2.63 0.00	52.11 3.45 0.00	41.63 2.80 0.00	35.14 2.51 0.00	31.77 2.30 0.00	31.17 2.15 0.00	31.00 2.19 0.00	32.33 2.37 0.00	35.80 2.56 0.00	43.55 3.15 0.00	50.91 3.77 0.00	60.32 4.36 -0.03	53.14 3.98 -0.06	45.51 3.45 -0.94	41.94 2.78 -3.91	38.35 2.79 -2.40	36.36 2.65 -1.82	33.66 2.54 -0.86
GOWANUS_GT4_2 24131	31.85 2.36 -0.01	30.93 2.18 -0.01	29.99 2.07 -0.01	29.45 1.87 -0.01	30.15 1.79 -0.01	33.60 1.96 0.00	44.33 2.63 0.00	52.11 3.45 0.00	41.63 2.80 0.00	35.14 2.51 0.00	31.77 2.30 0.00	31.17 2.15 0.00	31.00 2.19 0.00	32.33 2.37 0.00	35.80 2.56 0.00	43.55 3.15 0.00	50.91 3.77 0.00	60.32 4.36 -0.03	53.14 3.98 -0.06	45.51 3.45 -0.94	41.94 2.78 -3.91	38.35 2.79 -2.40	36.36 2.65 -1.82	33.66 2.54 -0.86

GOWANUS_GT4_3 24132	31.85 2.36 -0.01	30.93 2.18 -0.01	29.99 2.07 -0.01	29.45 1.87 -0.01	30.15 1.79 -0.01	33.60 1.96 0.00	44.33 2.63 0.00	52.11 3.45 0.00	41.63 2.80 0.00	35.14 2.51 0.00	31.77 2.30 0.00	31.17 2.15 0.00	31.00 2.19 0.00	32.33 2.37 0.00	35.80 2.56 0.00	43.55 3.15 0.00	50.91 3.77 0.00	60.32 4.36 -0.03	53.14 3.98 -0.06	45.51 3.45 -0.94	41.94 2.78 -3.91	38.35 2.79 -2.40	36.36 2.65 -1.82	33.66 2.54 -0.86
GOWANUS_GT4_4 24133	31.85 2.36 -0.01	30.93 2.18 -0.01	29.99 2.07 -0.01	29.45 1.87 -0.01	30.15 1.79 -0.01	33.60 1.96 0.00	44.33 2.63 0.00	52.11 3.45 0.00	41.63 2.80 0.00	35.14 2.51 0.00	31.77 2.30 0.00	31.17 2.15 0.00	31.00 2.19 0.00	32.33 2.37 0.00	35.80 2.56 0.00	43.55 3.15 0.00	50.91 3.77 0.00	60.32 4.36 -0.03	53.14 3.98 -0.06	45.51 3.45 -0.94	41.94 2.78 -3.91	38.35 2.79 -2.40	36.36 2.65 -1.82	33.66 2.54 -0.86
GOWANUS_GT4_5 24134	31.85 2.36 -0.01	30.93 2.18 -0.01	29.99 2.07 -0.01	29.45 1.87 -0.01	30.15 1.79 -0.01	33.60 1.96 0.00	44.33 2.63 0.00	52.11 3.45 0.00	41.63 2.80 0.00	35.14 2.51 0.00	31.77 2.30 0.00	31.17 2.15 0.00	31.00 2.19 0.00	32.33 2.37 0.00	35.80 2.56 0.00	43.55 3.15 0.00	50.91 3.77 0.00	60.32 4.36 -0.03	53.14 3.98 -0.06	45.51 3.45 -0.94	41.94 2.78 -3.91	38.35 2.79 -2.40	36.36 2.65 -1.82	33.66 2.54 -0.86
GOWANUS_GT4_6 24135	31.85 2.36 -0.01	30.93 2.18 -0.01	29.99 2.07 -0.01	29.45 1.87 -0.01	30.15 1.79 -0.01	33.60 1.96 0.00	44.33 2.63 0.00	52.11 3.45 0.00	41.63 2.80 0.00	35.14 2.51 0.00	31.77 2.30 0.00	31.17 2.15 0.00	31.00 2.19 0.00	32.33 2.37 0.00	35.80 2.56 0.00	43.55 3.15 0.00	50.91 3.77 0.00	60.32 4.36 -0.03	53.14 3.98 -0.06	45.51 3.45 -0.94	41.94 2.78 -3.91	38.35 2.79 -2.40	36.36 2.65 -1.82	33.66 2.54 -0.86
GOWANUS_GT4_7 24136	31.85 2.36 -0.01	30.93 2.18 -0.01	29.99 2.07 -0.01	29.45 1.87 -0.01	30.15 1.79 -0.01	33.60 1.96 0.00	44.33 2.63 0.00	52.11 3.45 0.00	41.63 2.80 0.00	35.14 2.51 0.00	31.77 2.30 0.00	31.17 2.15 0.00	31.00 2.19 0.00	32.33 2.37 0.00	35.80 2.56 0.00	43.55 3.15 0.00	50.91 3.77 0.00	60.32 4.36 -0.03	53.14 3.98 -0.06	45.51 3.45 -0.94	41.94 2.78 -3.91	38.35 2.79 -2.40	36.36 2.65 -1.82	33.66 2.54 -0.86
GOWANUS_GT4_8 24137	31.85 2.36 -0.01	30.93 2.18 -0.01	29.99 2.07 -0.01	29.45 1.87 -0.01	30.15 1.79 -0.01	33.60 1.96 0.00	44.33 2.63 0.00	52.11 3.45 0.00	41.63 2.80 0.00	35.14 2.51 0.00	31.77 2.30 0.00	31.17 2.15 0.00	31.00 2.19 0.00	32.33 2.37 0.00	35.80 2.56 0.00	43.55 3.15 0.00	50.91 3.77 0.00	60.32 4.36 -0.03	53.14 3.98 -0.06	45.51 3.45 -0.94	41.94 2.78 -3.91	38.35 2.79 -2.40	36.36 2.65 -1.82	33.66 2.54 -0.86
GREENBSH_115KV_TB3 55895	30.02 0.53 0.00	29.31 0.57 0.00	28.47 0.56 0.00	28.09 0.52 0.00	28.81 0.45 0.00	32.12 0.47 0.00	42.45 0.75 0.00	49.63 0.97 0.00	39.45 0.62 0.00	33.02 0.39 0.00	29.88 0.41 0.00	29.40 0.38 0.00	29.19 0.37 0.00	30.38 0.42 0.00	33.70 0.47 0.00	41.12 0.73 0.00	48.04 0.90 0.00	57.14 1.17 -0.04	50.20 1.03 -0.06	43.00 0.82 -1.07	40.40 0.74 -4.42	36.64 0.76 -2.72	34.59 0.64 -2.05	31.81 0.57 -0.97
GREENIDGE_115KV_TB5 80291	29.51 0.03 0.00	28.65 -0.09 0.00	27.83 -0.08 0.00	27.59 0.03 0.00	28.56 0.20 0.00	31.86 0.22 0.00	42.07 0.38 0.00	48.31 -0.34 0.00	39.18 0.35 0.00	33.18 0.55 0.00	29.79 0.32 0.00	29.43 0.41 0.00	29.10 0.29 0.00	30.11 0.15 0.00	33.44 0.20 0.00	40.15 -0.24 0.00	46.34 -0.80 0.00	54.76 -1.17 -0.01	48.13 -0.98 -0.01	40.65 -0.66 -0.19	35.45 -0.56 -0.77	33.07 -0.56 -0.48	31.46 -0.80 -0.36	29.71 -0.73 -0.18
GREENIDGE___3 23582	29.51 0.03 0.00	28.65 -0.09 0.00	27.83 -0.08 0.00	27.59 0.03 0.00	28.56 0.20 0.00	31.86 0.22 0.00	42.07 0.38 0.00	48.31 -0.34 0.00	39.18 0.35 0.00	33.18 0.55 0.00	29.79 0.32 0.00	29.43 0.41 0.00	29.10 0.29 0.00	30.11 0.15 0.00	33.44 0.20 0.00	40.15 -0.24 0.00	46.34 -0.80 0.00	54.76 -1.17 -0.01	48.13 -0.98 -0.01	40.65 -0.66 -0.19	35.45 -0.56 -0.77	33.07 -0.56 -0.48	31.46 -0.80 -0.36	29.71 -0.73 -0.18
GREENIDGE___4 23583	29.57 0.09 0.00	28.74 0.00 0.00	27.83 -0.08 0.00	27.59 0.03 0.00	28.56 0.20 0.00	31.89 0.25 0.00	42.07 0.37 0.00	48.46 -0.19 0.00	39.18 0.35 0.00	33.18 0.55 0.00	29.85 0.38 0.00	29.43 0.41 0.00	29.16 0.35 0.00	30.11 0.15 0.00	33.44 0.20 0.00	40.15 -0.24 0.00	46.34 -0.80 0.00	54.82 -1.12 -0.01	48.13 -0.98 -0.01	40.64 -0.66 -0.19	35.45 -0.57 -0.77	33.07 -0.56 -0.48	31.46 -0.80 -0.36	29.71 -0.73 -0.18
GREENLWN_69_KV_BK 3 55738	31.90 2.42 0.00	30.92 2.18 0.00	29.95 2.04 0.00	29.38 1.82 0.00	30.06 1.70 0.00	33.51 1.87 0.00	44.53 2.84 0.00	52.45 3.79 0.00	41.74 2.91 0.00	34.85 2.22 0.00	31.86 2.39 0.00	31.17 2.15 0.00	31.09 2.28 0.00	32.48 2.52 0.00	36.13 2.89 0.00	44.08 3.68 -0.01	53.85 4.29 -2.42	66.73 4.98 -5.83	59.06 4.42 -5.54	52.59 3.82 -7.65	47.83 3.24 -9.34	44.52 3.15 -8.21	38.05 2.93 -3.22	33.86 2.72 -0.88
GREENWD_138_KV_38B11_REV_LBMP_J 345004	31.85 2.36 -0.01	30.93 2.18 -0.01	30.02 2.09 -0.01	29.47 1.90 -0.01	30.18 1.81 -0.01	33.63 1.99 0.00	44.37 2.67 0.00	52.16 3.50 0.00	41.67 2.83 0.00	35.17 2.55 0.00	31.80 2.33 0.00	31.20 2.18 0.00	31.00 2.19 0.00	32.33 2.37 0.00	35.80 2.56 0.00	43.59 3.19 0.00	50.96 3.82 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.55 3.49 -0.94	41.97 2.82 -3.91	38.35 2.79 -2.40	36.36 2.65 -1.82	33.66 2.54 -0.86
GRISSOM___SOLAR 323813	30.87 1.39 0.00	30.12 1.38 0.00	29.23 1.31 0.00	28.78 1.21 0.00	29.63 1.28 0.00	33.32 1.68 0.00	44.29 2.59 0.00	51.67 3.02 0.00	41.01 2.17 0.00	34.00 1.37 0.00	30.41 0.94 0.00	29.86 0.84 0.00	29.53 0.72 0.00	30.86 0.90 0.00	34.57 1.33 0.00	42.37 1.98 0.00	49.68 2.54 0.00	59.32 3.36 -0.04	52.17 3.00 -0.07	44.62 2.34 -1.17	42.01 1.94 -4.83	37.96 1.82 -2.97	35.71 1.56 -2.25	32.72 1.39 -1.07
GROVEVILLE___HYD 323602	31.46 1.98 0.00	30.58 1.84 0.00	29.70 1.79 0.00	29.22 1.65 0.00	29.97 1.62 0.00	33.44 1.80 0.00	44.41 2.71 0.00	52.16 3.50 0.00	41.55 2.72 0.00	34.85 2.22 0.00	31.39 1.92 0.00	30.76 1.74 0.00	30.57 1.76 0.00	31.91 1.95 0.00	35.46 2.23 0.00	43.34 2.95 0.00	50.68 3.54 0.00	60.21 4.25 -0.03	52.94 3.78 -0.06	45.18 3.12 -0.94	41.80 2.64 -3.91	38.02 2.45 -2.40	35.85 2.14 -1.82	33.18 2.06 -0.86
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	29.40 -0.09 0.00	28.62 -0.11 0.00	27.80 -0.11 0.00	27.45 -0.11 0.00	28.30 -0.06 0.00	31.55 -0.09 0.00	41.49 -0.21 0.00	48.31 -0.34 0.00	38.68 -0.16 0.00	32.56 -0.07 0.00	29.38 -0.09 0.00	28.96 -0.06 0.00	28.73 -0.09 0.00	29.81 -0.15 0.00	33.10 -0.13 0.00	40.07 -0.32 0.00	46.67 -0.47 0.00	55.32 -0.62 0.00	48.57 -0.54 -0.01	40.73 -0.49 -0.10	35.28 -0.39 -0.43	33.09 -0.33 -0.26	31.81 -0.29 -0.20	30.08 -0.27 -0.09

HAMLTNNY_34_KV_TB 80303	29.40 -0.09 0.00	28.62 -0.11 0.00	27.80 -0.11 0.00	27.48 -0.08 0.00	28.33 -0.03 0.00	31.58 -0.06 0.00	41.53 -0.17 0.00	48.31 -0.34 0.00	38.72 -0.12 0.00	32.63 0.00 0.00	29.41 -0.06 0.00	28.99 -0.03 0.00	28.76 -0.06 0.00	29.84 -0.12 0.00	33.14 -0.10 0.00	40.11 -0.28 0.00	46.67 -0.47 0.00	55.32 -0.62 0.00	48.57 -0.54 -0.01	40.73 -0.49 -0.11	35.31 -0.39 -0.45	33.11 -0.33 -0.28	31.79 -0.32 -0.21	30.09 -0.27 -0.10
HAMPSHIRE___PAPER_HYD 323593	27.60 -1.89 0.00	27.21 -1.52 0.00	26.63 -1.28 0.00	26.55 -1.02 0.00	27.42 -0.94 0.00	31.13 -0.51 0.00	41.62 -0.08 0.00	48.90 0.24 0.00	38.83 0.00 0.00	32.40 -0.23 0.00	29.38 -0.09 0.00	28.96 -0.06 0.00	28.84 0.03 0.00	30.05 0.09 0.00	33.30 0.07 0.00	40.31 -0.08 0.00	47.33 0.19 0.00	56.66 0.73 0.00	49.55 0.44 0.00	41.68 0.53 -0.03	35.53 0.14 -0.14	32.69 -0.56 -0.09	31.11 -0.86 -0.07	29.47 -0.82 -0.03
HARDSCRABBLE_WT_PWR 323673	30.13 0.65 0.00	29.46 0.72 0.00	28.64 0.72 0.00	28.34 0.77 0.00	29.18 0.82 0.00	32.65 1.01 0.00	43.20 1.50 0.00	50.55 1.90 0.00	40.35 1.51 0.00	33.90 1.27 0.00	30.65 1.18 0.00	30.15 1.13 0.00	29.97 1.15 0.00	31.16 1.20 0.00	34.57 1.33 0.00	41.89 1.50 0.00	48.89 1.75 0.00	57.83 1.90 0.00	50.63 1.52 0.00	42.32 1.19 -0.01	36.29 0.99 -0.06	33.99 0.79 -0.04	32.69 0.76 -0.03	30.91 0.64 -0.01
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	31.34 1.86 0.00	30.43 1.70 0.00	29.56 1.65 0.00	29.08 1.52 0.00	29.83 1.47 0.00	33.29 1.65 0.00	44.16 2.46 0.00	51.86 3.21 0.00	41.40 2.56 0.00	34.78 2.15 0.00	31.39 1.92 0.00	30.76 1.74 0.00	30.57 1.76 0.00	31.88 1.92 0.00	35.36 2.13 0.00	43.18 2.79 0.00	50.53 3.39 -0.03	59.99 4.03 -0.05	52.74 3.58 -0.91	45.03 3.00 -0.91	41.52 2.50 -3.78	37.84 2.35 -2.32	35.73 2.07 -1.76	33.03 1.94 -0.83
HARSNRAD_115KV_TB1 81005	28.01 -1.47 0.00	27.07 -1.67 0.00	26.27 -1.65 0.00	26.24 -1.32 0.00	27.25 -1.11 0.00	30.12 -1.52 0.00	39.36 -2.34 0.00	44.66 -3.99 0.00	36.81 -2.02 0.00	31.68 -0.95 0.00	28.38 -1.09 0.00	28.33 -0.70 0.00	27.98 -0.84 0.00	28.82 -1.14 0.00	31.91 -1.33 0.00	37.69 -2.71 0.00	43.13 -4.01 0.00	50.51 -5.43 0.00	44.65 -4.47 -0.01	37.41 -3.82 -0.12	32.67 -3.07 -0.49	30.95 -2.52 -0.31	29.48 -2.65 -0.23	28.30 -2.09 -0.13
HARZA MOOSE___RIVER 24016	29.19 -0.29 0.00	28.62 -0.11 0.00	27.86 -0.06 0.00	27.56 0.00 0.00	28.61 0.26 0.00	32.08 0.44 0.00	42.62 0.92 0.00	50.02 1.36 0.00	39.76 0.93 0.00	33.22 0.59 0.00	29.97 0.50 0.00	29.49 0.46 0.00	29.27 0.46 0.00	30.44 0.48 0.00	33.80 0.57 0.00	41.12 0.73 0.00	48.22 1.08 0.00	57.44 1.51 0.00	50.43 1.33 0.00	42.22 1.07 -0.04	36.07 0.67 -0.16	33.49 0.23 -0.10	32.07 0.10 -0.07	30.26 -0.03 -0.03
HDSNBRDG_115KV_BRDG_TB1 355580	29.19 -0.29 0.00	28.42 -0.32 0.00	27.61 -0.31 0.00	27.26 -0.30 0.00	28.10 -0.26 0.00	31.32 -0.32 0.00	41.16 -0.54 0.00	47.92 -0.73 0.00	38.37 -0.47 0.00	32.34 -0.29 0.00	29.18 -0.29 0.00	28.76 -0.26 0.00	28.53 -0.29 0.00	29.60 -0.36 0.00	32.84 -0.40 0.00	39.79 -0.61 0.00	46.34 -0.80 0.00	54.87 -1.06 0.00	48.23 -0.88 -0.01	40.43 -0.78 -0.09	35.00 -0.63 -0.39	32.84 -0.56 -0.24	31.60 -0.48 -0.18	29.89 -0.45 -0.09
HELLGATE_13_KV_LD 55870	31.85 2.36 -0.01	30.93 2.18 -0.01	29.99 2.07 -0.01	29.47 1.90 -0.01	30.18 1.81 -0.01	33.60 1.96 0.00	44.20 2.50 0.00	51.96 3.31 0.00	41.63 2.80 0.00	35.14 2.51 0.00	31.80 2.33 0.00	31.17 2.15 0.00	31.00 2.19 0.00	32.33 2.37 0.00	35.76 2.53 0.00	43.51 3.11 0.00	50.82 3.68 0.00	60.10 4.14 -0.03	52.94 3.78 -0.06	45.39 3.33 -0.94	41.87 2.71 -3.91	38.25 2.69 -2.40	36.27 2.55 -1.82	33.63 2.51 -0.86
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	31.85 2.36 -0.01	30.93 2.18 -0.01	29.99 2.07 -0.01	29.47 1.90 -0.01	30.18 1.81 -0.01	33.60 1.96 0.00	44.20 2.50 0.00	51.96 3.31 0.00	41.63 2.80 0.00	35.14 2.51 0.00	31.80 2.33 0.00	31.17 2.15 0.00	31.00 2.19 0.00	32.33 2.37 0.00	35.76 2.53 0.00	43.51 3.11 0.00	50.82 3.68 0.00	60.10 4.14 -0.03	52.94 3.78 -0.06	45.39 3.33 -0.94	41.87 2.71 -3.91	38.25 2.69 -2.40	36.27 2.55 -1.82	33.63 2.51 -0.86
HEMPSTEAD____ 23647	31.61 2.12 0.00	30.66 1.93 0.00	29.73 1.81 0.00	29.19 1.63 0.00	29.92 1.56 0.00	33.19 1.55 0.00	44.16 2.46 0.00	51.86 3.21 0.00	41.51 2.68 0.00	34.75 2.12 0.00	31.62 2.15 0.00	30.97 1.94 0.00	30.69 1.87 0.00	32.12 2.16 0.00	35.86 2.63 0.00	43.72 3.31 -0.01	54.37 3.87 -3.37	68.45 4.42 -8.11	61.06 3.93 -8.03	54.85 3.45 -10.28	49.60 2.89 -11.47	46.46 2.82 -10.48	38.27 2.62 -3.76	33.56 2.42 -0.88
HEWLETT_69_KV_BK3 55828	31.87 2.39 0.00	30.92 2.18 0.00	29.93 2.01 0.00	29.38 1.82 0.00	30.09 1.73 0.00	33.54 1.90 0.00	44.58 2.88 0.00	52.45 3.79 0.00	41.78 2.95 0.00	34.95 2.32 0.00	31.86 2.39 0.00	31.17 2.15 0.00	31.06 2.25 0.00	32.45 2.49 0.00	36.09 2.86 0.00	44.00 3.60 -0.01	54.85 4.15 -3.56	69.27 4.75 -8.59	62.01 4.22 -8.69	55.65 3.70 -10.84	50.29 3.14 -11.91	47.20 3.08 -10.96	38.64 2.87 -3.87	33.80 2.66 -0.88
HICKLING___1 23621	29.63 0.15 0.00	28.74 0.00 0.00	27.92 0.00 0.00	27.67 0.11 0.00	28.64 0.28 0.00	31.89 0.25 0.00	42.03 0.33 0.00	48.46 -0.19 0.00	39.22 0.39 0.00	33.35 0.72 0.00	29.94 0.47 0.00	29.57 0.55 0.00	29.27 0.46 0.00	30.23 0.27 0.00	33.54 0.30 0.00	40.19 -0.20 0.00	46.62 -0.52 0.00	55.10 -0.84 -0.01	48.33 -0.79 -0.01	40.49 -0.86 -0.24	35.52 -0.70 -0.98	33.00 -0.76 -0.61	31.37 -0.99 -0.46	29.58 -0.91 -0.23
HICKLING___2 23622	29.63 0.15 0.00	28.74 0.00 0.00	27.92 0.00 0.00	27.67 0.11 0.00	28.64 0.28 0.00	31.89 0.25 0.00	42.03 0.33 0.00	48.46 -0.19 0.00	39.22 0.39 0.00	33.35 0.72 0.00	29.94 0.47 0.00	29.57 0.55 0.00	29.27 0.46 0.00	30.23 0.27 0.00	33.54 0.30 0.00	40.19 -0.20 0.00	46.62 -0.52 0.00	55.10 -0.84 -0.01	48.33 -0.79 -0.01	40.49 -0.86 -0.24	35.52 -0.70 -0.98	33.00 -0.76 -0.61	31.37 -0.99 -0.46	29.58 -0.91 -0.23
HIGH FALLS___HY 23754	31.58 2.09 0.00	30.63 1.90 0.00	29.76 1.84 0.00	29.25 1.68 0.00	30.06 1.70 0.00	33.51 1.87 0.00	44.53 2.84 0.00	52.30 3.65 0.00	41.74 2.91 0.00	35.04 2.41 0.00	31.53 2.06 0.00	30.88 1.86 0.00	30.72 1.90 0.00	32.03 2.07 0.00	35.56 2.33 0.00	43.42 3.03 0.00	50.86 3.72 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.38 3.33 -0.93	41.88 2.78 -3.85	38.08 2.55 -2.37	35.89 2.20 -1.79	33.23 2.12 -0.85
HIGH_RIVER___SOLAR 323847	30.52 1.03 0.00	29.74 1.01 0.00	28.89 0.98 0.00	28.47 0.91 0.00	29.29 0.93 0.00	32.81 1.17 0.00	43.49 1.79 0.00	50.70 2.04 0.00	40.23 1.40 0.00	33.41 0.78 0.00	29.91 0.44 0.00	29.40 0.38 0.00	29.13 0.32 0.00	30.41 0.45 0.00	34.00 0.77 0.00	41.81 1.41 0.00	49.03 1.89 0.00	58.37 2.40 -0.04	51.33 2.16 -0.07	43.97 1.73 -1.13	41.37 1.45 -4.68	37.40 1.36 -2.87	35.25 1.18 -2.17	32.41 1.12 -1.03

HILLBURN___GT 23639	31.28 1.80 0.00	30.40 1.67 0.00	29.53 1.62 0.00	29.05 1.49 0.00	29.80 1.45 0.00	33.22 1.58 0.00	44.07 2.38 0.00	51.77 3.12 0.00	41.35 2.52 0.00	34.82 2.19 0.00	31.41 1.94 0.00	30.85 1.83 0.00	30.66 1.85 0.00	31.91 1.95 0.00	35.40 2.16 0.00	43.18 2.79 0.00	50.54 3.40 0.00	59.99 4.03 -0.03	52.74 3.58 -0.05	45.08 3.04 -0.92	41.59 2.54 -3.81	37.89 2.39 -2.34	35.77 2.10 -1.77	33.06 1.97 -0.84
HILLSIDE_115KV_TB1 80332	29.34 -0.15 0.00	28.42 -0.32 0.00	27.61 -0.31 0.00	27.40 -0.17 0.00	28.30 -0.06 0.00	31.51 -0.13 0.00	41.49 -0.21 0.00	47.87 -0.78 0.00	38.72 -0.12 0.00	32.89 0.26 0.00	29.62 0.15 0.00	29.23 0.20 0.00	28.93 0.12 0.00	29.90 -0.06 0.00	33.14 -0.10 0.00	39.75 -0.65 0.00	46.15 -0.99 0.00	54.59 -1.34 -0.01	47.89 -1.23 -0.02	40.17 -1.19 -0.25	35.25 -1.02 -1.02	32.73 -1.06 -0.63	31.19 -1.18 -0.48	29.34 -1.15 -0.23
HISHELDN_WT_PWR 323625	28.78 -0.71 0.00	27.85 -0.89 0.00	26.91 -1.00 0.00	26.82 -0.74 0.00	27.85 -0.51 0.00	30.85 -0.79 0.00	40.45 -1.25 0.00	46.17 -2.48 0.00	37.59 -1.24 0.00	32.24 -0.39 0.00	29.09 -0.38 0.00	28.76 -0.26 0.00	28.53 -0.29 0.00	29.30 -0.66 0.00	32.47 -0.76 0.00	38.46 -1.94 0.00	44.22 -2.92 0.00	51.85 -4.08 -0.01	45.58 -3.54 -0.01	38.06 -3.21 -0.15	33.24 -2.61 -0.60	31.18 -2.35 -0.37	29.73 -2.46 -0.28	28.29 -2.12 -0.16
HOLTSVILLE_IC_1 23690	31.84 2.36 0.00	30.92 2.18 0.00	29.98 2.07 0.00	29.38 1.82 0.00	30.03 1.67 0.00	33.03 1.39 0.00	43.95 2.25 0.00	51.52 2.87 0.00	41.32 2.49 0.00	34.39 1.76 0.00	31.62 2.15 0.00	30.94 1.92 0.00	30.57 1.76 0.00	32.06 2.10 0.00	35.80 2.56 0.00	43.92 3.51 -0.01	53.76 4.24 -2.37	66.38 4.75 -5.70	58.58 4.07 -5.40	52.40 3.78 -7.51	47.68 3.21 -9.23	44.40 3.15 -8.09	38.18 3.09 -3.19	34.01 2.88 -0.88
HOLTSVILLE_IC_10 23699	32.02 2.54 0.00	31.04 2.30 0.00	30.09 2.18 0.00	29.52 1.96 0.00	30.15 1.79 0.00	33.13 1.49 0.00	44.07 2.38 0.00	51.72 3.07 0.00	41.43 2.60 0.00	34.49 1.86 0.00	31.74 2.27 0.00	31.05 2.03 0.00	30.69 1.87 0.00	32.15 2.19 0.00	35.93 2.69 0.00	44.12 3.71 -0.01	54.10 4.57 -2.39	66.81 5.14 -5.74	58.92 4.37 -5.44	52.69 4.03 -7.55	47.92 3.42 -9.26	44.60 3.32 -8.12	38.38 3.29 -3.20	34.19 3.05 -0.88
HOLTSVILLE_IC_2 23691	31.84 2.36 0.00	30.92 2.18 0.00	29.98 2.07 0.00	29.38 1.82 0.00	30.03 1.67 0.00	33.03 1.39 0.00	43.95 2.25 0.00	51.52 2.87 0.00	41.32 2.49 0.00	34.39 1.76 0.00	31.62 2.15 0.00	30.94 1.92 0.00	30.57 1.76 0.00	32.06 2.10 0.00	35.80 2.56 0.00	43.92 3.51 -0.01	53.76 4.24 -2.37	66.38 4.75 -5.70	58.58 4.07 -5.40	52.40 3.78 -7.51	47.68 3.21 -9.23	44.40 3.15 -8.09	38.18 3.09 -3.19	34.01 2.88 -0.88
HOLTSVILLE_IC_3 23692	31.84 2.36 0.00	30.92 2.18 0.00	29.98 2.07 0.00	29.38 1.82 0.00	30.03 1.67 0.00	33.03 1.39 0.00	43.95 2.25 0.00	51.52 2.87 0.00	41.32 2.49 0.00	34.39 1.76 0.00	31.62 2.15 0.00	30.94 1.92 0.00	30.57 1.76 0.00	32.06 2.10 0.00	35.80 2.56 0.00	43.92 3.51 -0.01	53.76 4.24 -2.37	66.38 4.75 -5.70	58.58 4.07 -5.40	52.40 3.78 -7.51	47.68 3.21 -9.23	44.40 3.15 -8.09	38.18 3.09 -3.19	34.01 2.88 -0.88
HOLTSVILLE_IC_4 23693	31.84 2.36 0.00	30.92 2.18 0.00	29.98 2.07 0.00	29.38 1.82 0.00	30.03 1.67 0.00	33.03 1.39 0.00	43.95 2.25 0.00	51.52 2.87 0.00	41.32 2.49 0.00	34.39 1.76 0.00	31.62 2.15 0.00	30.94 1.92 0.00	30.57 1.76 0.00	32.06 2.10 0.00	35.80 2.56 0.00	43.92 3.51 -0.01	53.76 4.24 -2.37	66.38 4.75 -5.70	58.58 4.07 -5.40	52.40 3.78 -7.51	47.68 3.21 -9.23	44.40 3.15 -8.09	38.18 3.09 -3.19	34.01 2.88 -0.88
HOLTSVILLE_IC_5 23694	31.84 2.36 0.00	30.92 2.18 0.00	29.98 2.07 0.00	29.38 1.82 0.00	30.03 1.67 0.00	33.03 1.39 0.00	43.95 2.25 0.00	51.52 2.87 0.00	41.32 2.49 0.00	34.39 1.76 0.00	31.62 2.15 0.00	30.94 1.92 0.00	30.57 1.76 0.00	32.06 2.10 0.00	35.80 2.56 0.00	43.92 3.51 -0.01	53.76 4.24 -2.37	66.38 4.75 -5.70	58.58 4.07 -5.40	52.40 3.78 -7.51	47.68 3.21 -9.23	44.40 3.15 -8.09	38.18 3.09 -3.19	34.01 2.88 -0.88
HOLTSVILLE_IC_6 23695	32.02 2.54 0.00	31.04 2.30 0.00	30.09 2.18 0.00	29.52 1.96 0.00	30.15 1.79 0.00	33.13 1.49 0.00	44.07 2.38 0.00	51.72 3.07 0.00	41.43 2.60 0.00	34.49 1.86 0.00	31.74 2.27 0.00	31.05 2.03 0.00	30.69 1.87 0.00	32.15 2.19 0.00	35.93 2.69 0.00	44.12 3.71 -0.01	54.10 4.57 -2.39	66.81 5.14 -5.74	58.92 4.37 -5.44	52.69 4.03 -7.55	47.92 3.42 -9.26	44.60 3.32 -8.12	38.38 3.29 -3.20	34.19 3.05 -0.88
HOLTSVILLE_IC_7 23696	32.02 2.54 0.00	31.04 2.30 0.00	30.09 2.18 0.00	29.52 1.96 0.00	30.15 1.79 0.00	33.13 1.49 0.00	44.07 2.38 0.00	51.72 3.07 0.00	41.43 2.60 0.00	34.49 1.86 0.00	31.74 2.27 0.00	31.05 2.03 0.00	30.69 1.87 0.00	32.15 2.19 0.00	35.93 2.69 0.00	44.12 3.71 -0.01	54.10 4.57 -2.39	66.81 5.14 -5.74	58.92 4.37 -5.44	52.69 4.03 -7.55	47.92 3.42 -9.26	44.60 3.32 -8.12	38.38 3.29 -3.20	34.19 3.05 -0.88
HOLTSVILLE_IC_8 23697	32.02 2.54 0.00	31.04 2.30 0.00	30.09 2.18 0.00	29.52 1.96 0.00	30.15 1.79 0.00	33.13 1.49 0.00	44.07 2.38 0.00	51.72 3.07 0.00	41.43 2.60 0.00	34.49 1.86 0.00	31.74 2.27 0.00	31.05 2.03 0.00	30.69 1.87 0.00	32.15 2.19 0.00	35.93 2.69 0.00	44.12 3.71 -0.01	54.10 4.57 -2.39	66.81 5.14 -5.74	58.92 4.37 -5.44	52.69 4.03 -7.55	47.92 3.42 -9.26	44.60 3.32 -8.12	38.38 3.29 -3.20	34.19 3.05 -0.88
HOLTSVILLE_IC_9 23698	32.02 2.54 0.00	31.04 2.30 0.00	30.09 2.18 0.00	29.52 1.96 0.00	30.15 1.79 0.00	33.13 1.49 0.00	44.07 2.38 0.00	51.72 3.07 0.00	41.43 2.60 0.00	34.49 1.86 0.00	31.74 2.27 0.00	31.05 2.03 0.00	30.69 1.87 0.00	32.15 2.19 0.00	35.93 2.69 0.00	44.12 3.71 -0.01	54.10 4.57 -2.39	66.81 5.14 -5.74	58.92 4.37 -5.44	52.69 4.03 -7.55	47.92 3.42 -9.26	44.60 3.32 -8.12	38.38 3.29 -3.20	34.19 3.05 -0.88
HOMER_HL_115KV_TB2 355744	29.16 -0.32 0.00	28.08 -0.66 0.00	27.27 -0.64 0.00	27.29 -0.28 0.00	28.27 -0.09 0.00	31.29 -0.35 0.00	41.16 -0.54 0.00	46.61 -2.04 0.00	38.25 -0.58 0.00	32.86 0.23 0.00	29.53 0.06 0.00	29.34 0.32 0.00	28.96 0.14 0.00	29.72 -0.24 0.00	32.84 -0.40 0.00	38.90 -1.49 0.00	44.92 -2.22 0.00	52.91 -3.02 -0.01	46.37 -2.75 -0.01	38.31 -2.96 -0.15	33.19 -2.68 -0.62	30.60 -2.95 -0.39	29.16 -3.03 -0.29	27.39 -3.03 -0.16
HOWARD_WT_PWR 323690	29.37 -0.12 0.00	28.57 -0.17 0.00	27.66 -0.25 0.00	27.51 -0.06 0.00	28.58 0.23 0.00	31.80 0.16 0.00	41.95 0.25 0.00	48.31 -0.34 0.00	39.11 0.27 0.00	33.32 0.69 0.00	29.97 0.50 0.00	29.55 0.52 0.00	29.30 0.49 0.00	30.14 0.18 0.00	33.47 0.23 0.00	39.91 -0.48 0.00	46.10 -1.04 0.00	54.20 -1.73 -0.01	47.45 -1.67 -0.01	39.62 -1.69 -0.19	34.65 -1.38 -0.79	32.25 -1.39 -0.48	30.64 -1.63 -0.37	28.93 -1.51 -0.19

HQ_GEN_CEDARS 23644	27.01 -2.48 0.00	26.93 -1.81 0.00	26.30 -1.62 0.00	26.38 -1.19 0.00	27.31 -1.05 0.00	30.91 -0.73 0.00	41.41 -0.29 0.00	48.51 -0.15 0.00	38.29 -0.54 0.00	32.08 -0.55 0.00	29.26 -0.21 0.00	28.99 -0.03 0.00	28.96 0.14 0.00	30.23 0.27 0.00	33.44 0.20 0.00	40.19 -0.20 0.00	47.09 -0.05 0.00	56.43 0.50 0.00	49.16 0.05 0.00	41.51 0.37 -0.02	35.33 0.00 -0.09	32.49 -0.73 -0.05	30.82 -1.12 -0.04	29.46 -0.82 -0.02
HQ_GEN_CEDARS_PROXY 323590	26.98 -2.51 0.00	26.72 -2.01 0.00	26.30 -1.62 0.00	26.38 -1.18 0.00	27.03 -1.33 0.00	30.91 -0.73 0.00	41.41 -0.29 0.00	48.51 -0.15 0.00	38.29 -0.54 0.00	32.07 -0.55 0.00	29.27 -0.20 0.00	28.99 -0.03 0.00	28.96 0.14 0.00	30.23 0.27 0.00	33.44 0.20 0.00	40.19 -0.20 0.00	47.09 -0.05 0.00	56.43 0.50 0.00	49.16 0.05 0.00	41.51 0.37 -0.02	35.33 0.00 -0.09	32.49 -0.73 -0.05	30.85 -1.08 -0.04	29.46 -0.82 -0.02
HQ_GEN_IMPORT 323601	29.48 0.00 0.00	28.74 0.00 0.00	27.92 0.00 0.00	27.56 0.00 0.00	28.36 0.00 0.00	31.64 0.00 0.00	41.70 0.00 0.00	48.65 0.00 0.00	38.83 0.00 0.00	32.63 0.00 0.00	29.47 0.00 0.00	29.02 0.00 0.00	28.81 0.00 0.00	29.96 0.00 0.00	33.24 0.00 0.00	40.39 0.00 0.00	47.14 0.00 0.00	55.93 0.00 0.00	49.11 0.00 0.00	41.12 0.00 0.00	35.24 0.00 0.00	33.16 0.00 0.00	31.90 0.00 0.00	30.26 0.00 0.00
HQ_GEN_WHEEL 23651	29.48 0.00 0.00	28.74 0.00 0.00	27.92 0.00 0.00	27.56 0.00 0.00	28.36 0.00 0.00	31.64 0.00 0.00	41.70 0.00 0.00	48.65 0.00 0.00	38.83 0.00 0.00	32.63 0.00 0.00	29.47 0.00 0.00	29.02 0.00 0.00	28.81 0.00 0.00	29.96 0.00 0.00	33.24 0.00 0.00	40.39 0.00 0.00	47.14 0.00 0.00	55.93 0.00 0.00	49.11 0.00 0.00	41.12 0.00 0.00	35.24 0.00 0.00	33.16 0.00 0.00	31.90 0.00 0.00	30.26 0.00 0.00
HUDSON AVE_GT_3 23810	31.67 2.18 0.00	30.75 2.01 0.00	29.84 1.93 0.00	29.30 1.74 0.00	30.00 1.64 0.00	33.51 1.87 0.00	44.37 2.67 0.00	52.30 3.65 0.00	41.74 2.91 0.00	35.21 2.58 0.00	31.83 2.36 0.00	31.23 2.21 0.00	31.03 2.22 0.00	32.36 2.40 0.00	35.83 2.59 0.00	43.63 3.23 0.00	51.01 3.87 0.00	60.43 4.47 -0.03	53.14 3.98 -0.06	45.51 3.45 -0.94	42.01 2.85 -3.91	38.32 2.75 -2.40	36.27 2.55 -1.82	33.48 2.36 -0.86
HUDSON AVE_GT_4 23540	31.67 2.18 0.00	30.75 2.01 0.00	29.84 1.93 0.00	29.30 1.74 0.00	30.00 1.64 0.00	33.51 1.87 0.00	44.37 2.67 0.00	52.30 3.65 0.00	41.74 2.91 0.00	35.21 2.58 0.00	31.83 2.36 0.00	31.23 2.21 0.00	31.03 2.22 0.00	32.36 2.40 0.00	35.83 2.59 0.00	43.63 3.23 0.00	51.01 3.87 0.00	60.43 4.47 -0.03	53.14 3.98 -0.06	45.51 3.45 -0.94	42.01 2.85 -3.91	38.32 2.75 -2.40	36.27 2.55 -1.82	33.48 2.36 -0.86
HUDSON AVE_GT_5 23657	31.67 2.18 0.00	30.75 2.01 0.00	29.84 1.93 0.00	29.30 1.74 0.00	30.00 1.64 0.00	33.51 1.87 0.00	44.37 2.67 0.00	52.30 3.65 0.00	41.74 2.91 0.00	35.21 2.58 0.00	31.83 2.36 0.00	31.23 2.21 0.00	31.03 2.22 0.00	32.36 2.40 0.00	35.83 2.59 0.00	43.63 3.23 0.00	51.01 3.87 0.00	60.43 4.47 -0.03	53.14 3.98 -0.06	45.51 3.45 -0.94	42.01 2.85 -3.91	38.32 2.75 -2.40	36.27 2.55 -1.82	33.48 2.36 -0.86
HUDSON_AVE_10 24168	31.58 2.09 0.00	30.66 1.93 0.00	29.76 1.84 0.00	29.22 1.65 0.00	29.92 1.56 0.00	33.41 1.77 0.00	44.24 2.54 0.00	52.11 3.45 0.00	41.63 2.80 0.00	35.14 2.51 0.00	31.77 2.30 0.00	31.17 2.15 0.00	30.97 2.16 0.00	32.30 2.34 0.00	35.76 2.53 0.00	43.46 3.07 0.00	50.86 3.72 0.00	60.27 4.31 -0.03	52.99 3.83 -0.06	45.39 3.33 -0.94	41.94 2.78 -3.91	38.25 2.69 -2.40	36.20 2.49 -1.82	33.42 2.30 -0.86
HUDSON___115KV_TB 4 355613	30.43 0.94 0.00	29.71 0.98 0.00	28.89 0.98 0.00	28.47 0.91 0.00	29.26 0.91 0.00	32.65 1.01 0.00	43.28 1.58 0.00	50.50 1.85 0.00	40.04 1.20 0.00	33.32 0.69 0.00	30.03 0.56 0.00	29.49 0.46 0.00	29.27 0.46 0.00	30.50 0.54 0.00	33.93 0.70 0.00	41.57 1.17 0.00	48.65 1.51 0.00	58.09 2.13 -0.03	51.08 1.92 -0.06	43.52 1.36 -1.05	40.75 1.16 -4.34	36.89 1.06 -2.67	34.78 0.86 -2.02	32.03 0.82 -0.96
HUNTER MOUNT___DRP 323613	30.43 0.94 0.00	29.74 1.01 0.00	28.89 0.98 0.00	28.50 0.94 0.00	29.32 0.96 0.00	32.72 1.08 0.00	43.37 1.67 0.00	50.55 1.90 0.00	40.00 1.16 0.00	33.18 0.55 0.00	29.85 0.38 0.00	29.31 0.29 0.00	29.10 0.29 0.00	30.32 0.36 0.00	33.80 0.57 0.00	41.45 1.05 0.00	48.55 1.41 0.00	58.03 2.07 -0.03	51.08 1.92 -0.06	43.30 1.15 -1.03	40.49 0.99 -4.26	36.68 0.90 -2.62	34.52 0.64 -1.98	31.89 0.70 -0.94
HUNTINGTON_RES_REC 323705	31.96 2.48 0.00	30.98 2.24 0.00	30.04 2.12 0.00	29.44 1.88 0.00	30.15 1.79 0.00	33.29 1.64 0.00	44.33 2.63 0.00	52.01 3.35 0.00	41.71 2.87 0.00	34.75 2.12 0.00	31.83 2.36 0.00	31.14 2.12 0.00	30.77 1.96 0.00	32.30 2.34 0.00	36.09 2.86 0.00	44.16 3.76 -0.01	54.06 4.53 -2.40	66.83 5.14 -5.76	59.08 4.51 -5.46	52.72 4.03 -7.57	47.91 3.38 -9.28	44.59 3.28 -8.15	38.23 3.13 -3.20	34.01 2.88 -0.88
HUNTLEY___63 23557	28.36 -1.12 0.00	27.41 -1.32 0.00	26.60 -1.31 0.00	26.60 -0.96 0.00	27.59 -0.77 0.00	30.50 -1.14 0.00	39.91 -1.79 0.00	45.15 -3.50 0.00	37.24 -1.59 0.00	32.04 -0.59 0.00	28.70 -0.77 0.00	28.67 -0.35 0.00	28.32 -0.49 0.00	29.18 -0.78 0.00	32.31 -0.93 0.00	38.13 -2.26 0.00	43.65 -3.49 0.00	51.07 -4.87 0.00	45.09 -4.03 -0.01	37.75 -3.49 -0.12	32.96 -2.78 -0.50	31.15 -2.32 -0.31	29.71 -2.42 -0.23	28.46 -1.94 -0.13
HUNTLEY___64 23558	28.36 -1.12 0.00	27.41 -1.32 0.00	26.60 -1.31 0.00	26.60 -0.96 0.00	27.59 -0.77 0.00	30.50 -1.14 0.00	39.91 -1.79 0.00	45.15 -3.50 0.00	37.24 -1.59 0.00	32.04 -0.59 0.00	28.70 -0.77 0.00	28.67 -0.35 0.00	28.32 -0.49 0.00	29.18 -0.78 0.00	32.31 -0.93 0.00	38.13 -2.26 0.00	43.65 -3.49 0.00	51.07 -4.87 0.00	45.09 -4.03 -0.01	37.75 -3.49 -0.12	32.96 -2.78 -0.50	31.15 -2.32 -0.31	29.71 -2.42 -0.23	28.46 -1.94 -0.13
HUNTLEY___65 23559	28.36 -1.12 0.00	27.41 -1.32 0.00	26.60 -1.31 0.00	26.60 -0.96 0.00	27.59 -0.77 0.00	30.50 -1.14 0.00	39.91 -1.79 0.00	45.15 -3.50 0.00	37.24 -1.59 0.00	32.04 -0.59 0.00	28.70 -0.77 0.00	28.67 -0.35 0.00	28.32 -0.49 0.00	29.18 -0.78 0.00	32.31 -0.93 0.00	38.13 -2.26 0.00	43.65 -3.49 0.00	51.07 -4.87 0.00	45.09 -4.03 -0.01	37.75 -3.49 -0.12	32.96 -2.78 -0.50	31.15 -2.32 -0.31	29.71 -2.42 -0.23	28.46 -1.94 -0.13
HUNTLEY___66 23560	28.36 -1.12 0.00	27.41 -1.32 0.00	26.60 -1.31 0.00	26.60 -0.96 0.00	27.59 -0.77 0.00	30.50 -1.14 0.00	39.91 -1.79 0.00	45.15 -3.50 0.00	37.24 -1.59 0.00	32.04 -0.59 0.00	28.70 -0.77 0.00	28.67 -0.35 0.00	28.32 -0.49 0.00	29.18 -0.78 0.00	32.31 -0.93 0.00	38.13 -2.26 0.00	43.65 -3.49 0.00	51.07 -4.87 0.00	45.09 -4.03 -0.01	37.75 -3.49 -0.12	32.96 -2.78 -0.50	31.15 -2.32 -0.31	29.71 -2.42 -0.23	28.46 -1.94 -0.13

HUNTLEY___67 23561	28.19 -1.30 0.00	27.24 -1.49 0.00	26.46 -1.45 0.00	26.41 -1.16 0.00	27.39 -0.96 0.00	30.31 -1.33 0.00	39.61 -2.08 0.00	44.71 -3.94 0.00	36.81 -2.02 0.00	31.72 -0.91 0.00	28.41 -1.06 0.00	28.35 -0.67 0.00	28.01 -0.81 0.00	28.85 -1.11 0.00	31.94 -1.30 0.00	37.69 -2.71 0.00	43.18 -3.96 0.00	50.56 -5.37 0.00	44.60 -4.52 -0.01	37.33 -3.91 -0.12	32.60 -3.14 -0.50	30.82 -2.65 -0.31	29.42 -2.71 -0.23	28.19 -2.21 -0.14
HUNTLEY___68 23562	28.19 -1.30 0.00	27.24 -1.49 0.00	26.46 -1.45 0.00	26.41 -1.16 0.00	27.39 -0.96 0.00	30.31 -1.33 0.00	39.61 -2.08 0.00	44.71 -3.94 0.00	36.81 -2.02 0.00	31.72 -0.91 0.00	28.41 -1.06 0.00	28.35 -0.67 0.00	28.01 -0.81 0.00	28.85 -1.11 0.00	31.94 -1.30 0.00	37.69 -2.71 0.00	43.18 -3.96 0.00	50.56 -5.37 0.00	44.60 -4.52 -0.01	37.33 -3.91 -0.12	32.60 -3.14 -0.50	30.82 -2.65 -0.31	29.42 -2.71 -0.23	28.19 -2.21 -0.14
HYLAND___LFGE 323620	29.87 0.38 0.00	28.99 0.26 0.00	28.03 0.11 0.00	27.87 0.30 0.00	28.92 0.57 0.00	32.34 0.70 0.00	42.74 1.04 0.00	49.38 0.73 0.00	39.69 0.85 0.00	33.35 0.72 0.00	29.76 0.29 0.00	29.28 0.26 0.00	28.81 0.00 0.00	29.84 -0.12 0.00	33.27 0.03 0.00	40.03 -0.36 0.00	46.71 -0.43 0.00	55.60 -0.33 -0.01	49.26 0.15 -0.01	41.36 0.08 -0.16	36.01 0.11 -0.66	33.64 0.07 -0.41	31.89 -0.32 -0.31	30.20 -0.21 -0.15
INDECK___CORINTH 23802	30.46 0.97 0.00	29.71 0.98 0.00	28.84 0.92 0.00	28.39 0.83 0.00	29.18 0.82 0.00	32.78 1.14 0.00	43.49 1.79 0.00	50.79 2.14 0.00	40.31 1.48 0.00	33.67 1.04 0.00	30.21 0.74 0.00	29.69 0.67 0.00	29.45 0.63 0.00	30.71 0.75 0.00	34.07 0.83 0.00	41.61 1.21 0.00	48.69 1.55 0.00	58.04 2.07 -0.04	50.99 1.82 -0.07	43.57 1.35 -1.10	40.91 1.13 -4.54	36.95 0.99 -2.79	35.06 1.05 -2.11	33.04 1.78 -1.00
INDECK___ILION 23567	29.96 0.47 0.00	29.23 0.49 0.00	28.42 0.50 0.00	28.06 0.50 0.00	28.90 0.54 0.00	32.27 0.63 0.00	42.66 0.96 0.00	49.82 1.17 0.00	39.73 0.89 0.00	33.38 0.75 0.00	30.15 0.68 0.00	29.69 0.67 0.00	29.48 0.66 0.00	30.65 0.69 0.00	34.03 0.80 0.00	41.28 0.89 0.00	48.22 1.08 0.00	57.22 1.29 0.00	50.14 1.03 0.00	41.99 0.86 -0.01	36.01 0.70 -0.06	33.76 0.56 -0.04	32.47 0.54 -0.03	30.76 0.48 -0.01
INDECK___OLEAN 23982	29.22 -0.27 0.00	28.22 -0.52 0.00	27.27 -0.64 0.00	27.29 -0.28 0.00	28.33 -0.03 0.00	31.32 -0.32 0.00	41.20 -0.50 0.00	46.85 -1.80 0.00	38.25 -0.58 0.00	32.86 0.23 0.00	29.68 0.21 0.00	29.34 0.32 0.00	29.07 0.26 0.00	29.72 -0.24 0.00	32.84 -0.40 0.00	38.90 -1.49 0.00	44.93 -2.21 0.00	52.97 -2.97 -0.01	46.41 -2.70 -0.01	38.31 -2.96 -0.15	33.19 -2.68 -0.62	30.60 -2.95 -0.39	29.16 -3.03 -0.29	27.39 -3.03 -0.16
INDECK___OSWEGO 23783	28.90 -0.59 0.00	28.16 -0.57 0.00	27.33 -0.59 0.00	26.98 -0.58 0.00	27.82 -0.54 0.00	30.97 -0.67 0.00	40.70 -1.00 0.00	47.44 -1.21 0.00	37.90 -0.93 0.00	31.91 -0.72 0.00	28.82 -0.65 0.00	28.38 -0.64 0.00	28.18 -0.63 0.00	29.24 -0.72 0.00	32.41 -0.83 0.00	39.31 -1.09 0.00	45.73 -1.41 0.00	54.20 -1.73 0.00	47.64 -1.47 0.00	39.92 -1.27 -0.08	34.52 -1.06 -0.34	32.44 -0.93 -0.21	31.26 -0.80 -0.16	29.58 -0.76 -0.07
INDECK___YERKES 23781	28.60 -0.88 0.00	27.62 -1.12 0.00	26.63 -1.28 0.00	26.63 -0.94 0.00	27.65 -0.71 0.00	30.57 -1.08 0.00	40.03 -1.67 0.00	45.59 -3.06 0.00	37.28 -1.55 0.00	32.07 -0.55 0.00	28.97 -0.50 0.00	28.70 -0.32 0.00	28.44 -0.38 0.00	29.21 -0.75 0.00	32.34 -0.90 0.00	38.17 -2.22 0.00	43.70 -3.44 0.00	51.24 -4.70 0.00	45.14 -3.98 -0.01	37.79 -3.45 -0.12	32.99 -2.75 -0.50	31.18 -2.29 -0.31	29.74 -2.39 -0.23	28.49 -1.91 -0.13
INDIAN POINT_GT_1 24139	31.34 1.86 0.00	30.43 1.70 0.00	29.53 1.62 0.00	29.05 1.49 0.00	29.78 1.42 0.00	33.25 1.61 0.00	44.08 2.38 0.00	51.86 3.21 0.00	41.32 2.49 0.00	34.78 2.15 0.00	31.42 1.95 0.00	30.82 1.80 0.00	30.63 1.82 0.00	31.94 1.98 0.00	35.40 2.16 0.00	43.14 2.75 0.00	50.49 3.35 0.00	59.93 3.97 -0.03	52.70 3.54 -0.06	45.06 3.00 -0.94	41.64 2.50 -3.89	37.94 2.39 -2.39	35.87 2.17 -1.81	33.08 1.97 -0.86
INDIAN POINT_GT_2 23659	31.34 1.86 0.00	30.43 1.70 0.00	29.53 1.62 0.00	29.05 1.49 0.00	29.78 1.42 0.00	33.25 1.61 0.00	44.08 2.38 0.00	51.86 3.21 0.00	41.32 2.49 0.00	34.78 2.15 0.00	31.42 1.95 0.00	30.82 1.80 0.00	30.63 1.82 0.00	31.94 1.98 0.00	35.40 2.16 0.00	43.14 2.75 0.00	50.49 3.35 0.00	59.93 3.97 -0.03	52.70 3.54 -0.06	45.06 3.00 -0.94	41.64 2.50 -3.89	37.94 2.39 -2.39	35.87 2.17 -1.81	33.08 1.97 -0.86
INDIAN POINT_GT_3 24019	31.34 1.86 0.00	30.43 1.70 0.00	29.53 1.62 0.00	29.05 1.49 0.00	29.78 1.42 0.00	33.25 1.61 0.00	44.08 2.38 0.00	51.86 3.21 0.00	41.32 2.49 0.00	34.78 2.15 0.00	31.42 1.95 0.00	30.82 1.80 0.00	30.63 1.82 0.00	31.94 1.98 0.00	35.40 2.16 0.00	43.14 2.75 0.00	50.49 3.35 0.00	59.93 3.97 -0.03	52.70 3.54 -0.06	45.06 3.00 -0.94	41.64 2.50 -3.89	37.94 2.39 -2.39	35.87 2.17 -1.81	33.08 1.97 -0.86
INDIAN POINT___2 23530	31.28 1.80 0.00	30.40 1.67 0.00	29.53 1.62 0.00	29.05 1.49 0.00	29.77 1.42 0.00	33.22 1.58 0.00	43.99 2.29 0.00	51.72 3.07 0.00	41.28 2.45 0.00	34.75 2.12 0.00	31.38 1.91 0.00	30.82 1.80 0.00	30.60 1.79 0.00	31.88 1.92 0.00	35.36 2.13 0.00	43.10 2.71 0.00	50.49 3.35 0.00	59.87 3.91 -0.03	52.65 3.49 -0.06	45.01 2.96 -0.93	41.57 2.47 -3.86	37.89 2.35 -2.37	35.80 2.10 -1.80	33.05 1.94 -0.85
INDIAN POINT___3 23531	31.31 1.83 0.00	30.40 1.67 0.00	29.53 1.62 0.00	29.05 1.49 0.00	29.78 1.42 0.00	33.22 1.58 0.00	44.03 2.34 0.00	51.77 3.11 0.00	41.28 2.45 0.00	34.75 2.12 0.00	31.39 1.92 0.00	30.79 1.77 0.00	30.63 1.82 0.00	31.91 1.95 0.00	35.36 2.13 0.00	43.10 2.71 0.00	50.44 3.30 0.00	59.87 3.92 -0.03	52.65 3.49 -0.06	45.01 2.96 -0.94	41.60 2.47 -3.89	37.87 2.32 -2.39	35.81 2.11 -1.81	33.05 1.94 -0.86
INGHAM_C_115KV_TB7 356103	30.43 0.94 0.00	29.71 0.98 0.00	28.92 1.00 0.00	28.58 1.02 0.00	29.44 1.08 0.00	32.91 1.27 0.00	43.53 1.83 0.00	50.94 2.29 0.00	40.62 1.79 0.00	34.13 1.50 0.00	30.83 1.36 0.00	30.36 1.34 0.00	30.17 1.35 0.00	31.37 1.41 0.00	34.80 1.56 0.00	42.13 1.74 0.00	49.17 2.03 0.00	58.28 2.35 0.00	51.02 1.92 0.00	42.65 1.52 -0.01	36.57 1.27 -0.06	34.26 1.06 -0.04	32.98 1.05 -0.03	31.21 0.94 -0.01
IP CORINTH___1 23988	30.63 1.15 0.00	29.89 1.15 0.00	28.98 1.06 0.00	28.53 0.96 0.00	29.32 0.96 0.00	32.97 1.33 0.00	43.70 2.00 0.00	51.09 2.43 0.00	40.54 1.71 0.00	33.84 1.21 0.00	30.38 0.91 0.00	29.86 0.84 0.00	29.62 0.81 0.00	30.89 0.93 0.00	34.23 1.00 0.00	41.85 1.45 0.00	48.98 1.84 0.00	58.31 2.35 -0.04	51.23 2.06 -0.07	43.77 1.56 -1.10	41.09 1.30 -4.54	37.15 1.19 -2.79	35.22 1.21 -2.11	33.04 1.79 -1.00

IP___TICONDEROGA 23804	31.90 2.42 0.00	31.15 2.41 0.00	30.18 2.26 0.00	29.69 2.12 0.00	30.57 2.21 0.00	34.49 2.85 0.00	45.91 4.21 0.00	53.62 4.96 0.00	42.40 3.57 0.00	35.31 2.68 0.00	31.59 2.12 0.00	31.00 1.97 0.00	30.69 1.87 0.00	32.00 2.04 0.00	35.73 2.49 0.00	43.71 3.31 0.00	51.29 4.15 0.00	61.33 5.37 -0.04	53.93 4.76 -0.07	45.87 3.66 -1.09	42.85 3.07 -4.54	38.70 2.75 -2.79	36.56 2.55 -2.11	34.16 2.90 -1.00
ISLIP_RES_REC 323679	32.11 2.62 0.00	31.15 2.41 0.00	30.20 2.29 0.00	29.60 2.04 0.00	30.26 1.90 0.00	33.22 1.58 0.00	44.24 2.54 0.00	51.96 3.31 0.00	41.63 2.80 0.00	34.62 1.99 0.00	31.86 2.39 0.00	31.17 2.15 0.00	30.80 1.99 0.00	32.30 2.34 0.00	36.09 2.86 0.00	44.32 3.92 -0.01	54.39 4.86 -2.40	67.18 5.48 -5.76	59.24 4.67 -5.47	52.92 4.24 -7.57	48.12 3.60 -9.28	44.79 3.48 -8.15	38.51 3.41 -3.20	34.31 3.18 -0.88
JAMAICA__27_KV_LOAD 355505	31.70 2.21 0.00	30.78 2.04 0.00	29.84 1.93 0.00	29.27 1.71 0.00	29.97 1.62 0.00	33.54 1.90 0.00	44.37 2.67 0.00	52.25 3.60 0.00	41.74 2.91 0.00	35.34 2.71 0.00	31.95 2.48 0.00	31.32 2.29 0.00	31.12 2.31 0.00	32.48 2.52 0.00	35.93 2.69 0.00	43.51 3.11 0.00	50.96 3.82 0.00	60.43 4.47 -0.03	53.19 4.03 -0.06	45.55 3.49 -0.94	42.08 2.93 -3.91	38.45 2.89 -2.40	36.39 2.68 -1.82	33.54 2.42 -0.86
JANIS___SOLAR 323808	30.75 1.27 0.00	30.00 1.26 0.00	29.14 1.23 0.00	28.75 1.18 0.00	29.75 1.39 0.00	33.29 1.64 0.00	44.16 2.46 0.00	51.62 2.97 0.00	41.01 2.17 0.00	34.33 1.70 0.00	30.77 1.30 0.00	30.24 1.22 0.00	30.02 1.21 0.00	31.19 1.23 0.00	34.77 1.53 0.00	42.17 1.78 0.00	49.50 2.36 0.00	58.79 2.85 -0.01	51.63 2.50 -0.02	43.34 1.93 -0.29	38.11 1.66 -1.21	35.20 1.29 -0.74	33.55 1.09 -0.56	31.43 0.91 -0.27
JARVIS____ 23743	29.54 0.06 0.00	28.79 0.06 0.00	28.00 0.08 0.00	27.65 0.08 0.00	28.44 0.09 0.00	31.77 0.13 0.00	41.91 0.21 0.00	48.90 0.24 0.00	38.99 0.16 0.00	32.76 0.13 0.00	29.59 0.12 0.00	29.14 0.12 0.00	28.93 0.12 0.00	30.08 0.12 0.00	33.40 0.17 0.00	40.60 0.20 0.00	47.42 0.28 0.00	56.27 0.34 0.00	49.40 0.30 0.00	41.38 0.25 -0.01	35.48 0.18 -0.06	33.33 0.13 -0.04	32.02 0.10 -0.03	30.36 0.09 -0.01
JENNISON___1 23625	31.02 1.53 0.00	30.26 1.52 0.00	29.39 1.48 0.00	29.00 1.43 0.00	29.95 1.59 0.00	33.48 1.84 0.00	44.41 2.71 0.00	52.01 3.36 0.00	41.43 2.60 0.00	34.72 2.09 0.00	31.21 1.74 0.00	30.68 1.65 0.00	30.43 1.61 0.00	31.64 1.68 0.00	35.20 1.96 0.00	42.74 2.34 0.00	50.11 2.97 0.00	59.47 3.52 -0.01	52.17 3.04 -0.02	43.94 2.43 -0.40	38.96 2.04 -1.67	35.85 1.66 -1.03	34.14 1.47 -0.78	31.87 1.24 -0.37
JENNISON___2 23626	31.02 1.53 0.00	30.26 1.52 0.00	29.39 1.48 0.00	29.00 1.43 0.00	29.95 1.59 0.00	33.48 1.84 0.00	44.41 2.71 0.00	52.01 3.36 0.00	41.43 2.60 0.00	34.72 2.09 0.00	31.21 1.74 0.00	30.68 1.65 0.00	30.43 1.61 0.00	31.64 1.68 0.00	35.20 1.96 0.00	42.74 2.34 0.00	50.11 2.97 0.00	59.47 3.52 -0.01	52.17 3.04 -0.02	43.94 2.43 -0.40	38.96 2.04 -1.67	35.85 1.66 -1.03	34.14 1.47 -0.78	31.87 1.24 -0.37
JERICHO_RISE_WT_PWR 323719	26.24 -3.24 0.00	26.09 -2.64 0.00	25.68 -2.23 0.00	25.77 -1.79 0.00	26.46 -1.90 0.00	30.31 -1.33 0.00	40.74 -0.96 0.00	47.73 -0.93 0.00	37.67 -1.16 0.00	31.65 -0.98 0.00	28.91 -0.56 0.00	28.68 -0.35 0.00	28.67 -0.14 0.00	29.99 0.03 0.00	33.24 0.00 0.00	40.03 -0.36 0.00	46.91 -0.23 0.00	56.15 0.22 0.00	48.91 -0.20 0.00	41.30 0.17 -0.02	35.15 -0.18 -0.08	32.35 -0.86 -0.05	30.69 -1.24 -0.04	29.31 -0.97 -0.02
KATONAH___115KV_46KV_TB4 355592	31.46 1.98 0.00	30.55 1.81 0.00	29.67 1.76 0.00	29.19 1.63 0.00	29.92 1.56 0.00	33.44 1.80 0.00	44.37 2.67 0.00	52.20 3.55 0.00	41.55 2.72 0.00	34.91 2.28 0.00	31.50 2.03 0.00	30.88 1.86 0.00	30.72 1.90 0.00	32.03 2.07 0.00	35.60 2.36 0.00	43.42 3.03 0.00	50.77 3.63 0.00	60.27 4.31 -0.03	53.04 3.88 -0.06	45.31 3.25 -0.95	41.93 2.75 -3.93	38.17 2.59 -2.42	36.05 2.33 -1.83	33.21 2.09 -0.87
KCE_NY_1 323755	30.84 1.36 0.00	30.09 1.35 0.00	29.20 1.28 0.00	28.78 1.21 0.00	29.58 1.22 0.00	33.16 1.52 0.00	43.91 2.21 0.00	51.28 2.63 0.00	40.73 1.90 0.00	34.00 1.37 0.00	30.59 1.12 0.00	30.07 1.04 0.00	29.82 1.01 0.00	31.13 1.17 0.00	34.63 1.40 0.00	42.33 1.94 0.00	49.54 2.40 0.00	58.98 3.02 -0.04	51.82 2.65 -0.07	44.30 2.10 -1.09	41.57 1.80 -4.53	37.60 1.66 -2.78	35.50 1.50 -2.11	32.83 1.57 -1.00
KCE_NY_6_ESR 323823	28.84 -0.65 0.00	27.88 -0.86 0.00	26.88 -1.03 0.00	26.88 -0.69 0.00	27.90 -0.45 0.00	30.85 -0.79 0.00	40.45 -1.25 0.00	45.98 -2.68 0.00	37.59 -1.24 0.00	32.30 -0.33 0.00	29.15 -0.32 0.00	28.88 -0.14 0.00	28.64 -0.17 0.00	29.39 -0.57 0.00	32.54 -0.70 0.00	38.42 -1.98 0.00	44.08 -3.06 0.00	51.68 -4.25 -0.01	45.48 -3.63 -0.01	37.92 -3.33 -0.13	33.06 -2.71 -0.53	31.07 -2.42 -0.33	29.63 -2.52 -0.25	28.25 -2.15 -0.14
KEDC_PORT_JEFF_GT2 24210	32.02 2.54 0.00	31.06 2.33 0.00	30.12 2.20 0.00	29.55 1.99 0.00	30.17 1.82 0.00	33.16 1.52 0.00	44.12 2.42 0.00	51.77 3.12 0.00	41.51 2.68 0.00	34.52 1.89 0.00	31.77 2.30 0.00	31.08 2.06 0.00	30.72 1.90 0.00	32.21 2.25 0.00	35.99 2.76 0.00	44.16 3.76 -0.01	54.15 4.62 -2.38	66.69 5.04 -5.73	59.00 4.47 -5.43	52.72 4.07 -7.54	47.95 3.46 -9.25	44.62 3.35 -8.11	38.38 3.29 -3.19	34.19 3.05 -0.88
KEDC_PORT_JEFF_GT3 24211	32.02 2.54 0.00	31.06 2.33 0.00	30.12 2.20 0.00	29.55 1.99 0.00	30.17 1.82 0.00	33.16 1.52 0.00	44.12 2.42 0.00	51.77 3.12 0.00	41.51 2.68 0.00	34.52 1.89 0.00	31.77 2.30 0.00	31.08 2.06 0.00	30.72 1.90 0.00	32.21 2.25 0.00	35.99 2.76 0.00	44.16 3.76 -0.01	54.15 4.62 -2.38	66.69 5.04 -5.73	59.00 4.47 -5.43	52.72 4.07 -7.54	47.95 3.46 -9.25	44.62 3.35 -8.11	38.38 3.29 -3.19	34.19 3.05 -0.88
KEDC_GLWD_GT4 24219	31.70 2.21 0.00	30.78 2.04 0.00	29.84 1.92 0.00	29.33 1.77 0.00	30.03 1.67 0.00	33.41 1.77 0.00	44.37 2.67 0.00	52.16 3.51 0.00	41.75 2.91 0.00	35.01 2.38 0.00	31.77 2.30 0.00	31.14 2.12 0.00	30.89 2.08 0.00	32.30 2.34 0.00	35.96 2.73 0.00	43.80 3.39 -0.02	55.01 4.00 -3.86	69.87 4.64 -9.30	62.52 4.13 -9.29	56.36 3.58 -11.66	50.82 2.99 -12.58	47.72 2.88 -11.68	38.59 2.65 -4.05	33.59 2.45 -0.88
KEDC_GLWD_GT5 24220	31.70 2.21 0.00	30.78 2.04 0.00	29.84 1.92 0.00	29.33 1.77 0.00	30.03 1.67 0.00	33.41 1.77 0.00	44.37 2.67 0.00	52.16 3.51 0.00	41.75 2.91 0.00	35.01 2.38 0.00	31.77 2.30 0.00	31.14 2.12 0.00	30.89 2.08 0.00	32.30 2.34 0.00	35.96 2.73 0.00	43.80 3.39 -0.02	55.01 4.00 -3.86	69.87 4.64 -9.30	62.52 4.13 -9.29	56.36 3.58 -11.66	50.82 2.99 -12.58	47.72 2.88 -11.68	38.59 2.65 -4.05	33.59 2.45 -0.88

KENSICO____ 23655	31.43 1.95 0.00	30.52 1.78 0.00	29.62 1.70 0.00	29.14 1.57 0.00	29.83 1.47 0.00	33.35 1.71 0.00	44.16 2.46 0.00	52.01 3.36 0.00	41.43 2.60 0.00	34.88 2.25 0.00	31.53 2.06 0.00	30.94 1.92 0.00	30.77 1.96 0.00	32.06 2.10 0.00	35.53 2.29 0.00	43.30 2.91 0.00	50.68 3.54 0.00	60.10 4.14 -0.03	52.84 3.68 -0.06	45.18 3.12 -0.94	41.76 2.61 -3.90	38.05 2.49 -2.40	35.98 2.26 -1.81	33.21 2.09 -0.86
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.55 2.06 0.00	30.63 1.90 0.00	29.73 1.81 0.00	29.25 1.68 0.00	30.03 1.67 0.00	33.51 1.87 0.00	44.53 2.84 0.00	52.25 3.60 0.00	41.67 2.83 0.00	34.91 2.28 0.00	31.42 1.95 0.00	30.79 1.77 0.00	30.60 1.79 0.00	31.91 1.95 0.00	35.50 2.26 0.00	43.34 2.95 0.00	50.77 3.63 0.00	60.32 4.36 -0.03	53.09 3.93 -0.05	45.26 3.25 -0.90	41.68 2.71 -3.72	37.94 2.49 -2.29	35.76 2.14 -1.73	33.17 2.09 -0.82
KIAC_JFK_GT1 23816	31.52 2.03 0.00	30.60 1.87 0.00	29.70 1.79 0.00	29.11 1.54 0.00	29.80 1.45 0.00	33.35 1.71 0.00	43.95 2.25 0.00	51.77 3.11 0.00	41.47 2.64 0.00	35.14 2.51 0.00	31.77 2.30 0.00	31.14 2.12 0.00	30.97 2.16 0.00	32.30 2.34 0.00	35.73 2.49 0.00	43.10 2.71 0.00	50.44 3.30 0.00	59.82 3.86 -0.03	52.65 3.49 -0.06	45.10 3.04 -0.94	41.83 2.68 -3.91	38.22 2.65 -2.40	36.23 2.52 -1.82	33.39 2.27 -0.86
KIAC_JFK_GT2 23817	31.52 2.03 0.00	30.60 1.87 0.00	29.70 1.79 0.00	29.11 1.54 0.00	29.80 1.45 0.00	33.35 1.71 0.00	43.95 2.25 0.00	51.77 3.11 0.00	41.47 2.64 0.00	35.14 2.51 0.00	31.77 2.30 0.00	31.14 2.12 0.00	30.97 2.16 0.00	32.30 2.34 0.00	35.73 2.49 0.00	43.10 2.71 0.00	50.44 3.30 0.00	59.82 3.86 -0.03	52.65 3.49 -0.06	45.10 3.04 -0.94	41.83 2.68 -3.91	38.22 2.65 -2.40	36.23 2.52 -1.82	33.39 2.27 -0.86
KIAC_JFK____ 323774	31.46 1.98 0.00	30.60 1.87 0.00	29.70 1.79 0.00	29.11 1.54 0.00	29.83 1.47 0.00	33.35 1.71 0.00	43.91 2.21 0.00	51.62 2.97 0.00	41.47 2.64 0.00	35.14 2.51 0.00	31.74 2.27 0.00	31.14 2.12 0.00	30.92 2.10 0.00	32.27 2.31 0.00	35.73 2.49 0.00	43.10 2.71 0.00	50.44 3.30 0.00	59.82 3.86 -0.03	52.65 3.49 -0.06	45.10 3.04 -0.94	41.83 2.68 -3.91	38.22 2.65 -2.40	36.20 2.49 -1.82	33.39 2.27 -0.86
KINTIGH____ 23543	27.98 -1.50 0.00	27.10 -1.64 0.00	26.30 -1.62 0.00	26.19 -1.38 0.00	27.14 -1.22 0.00	30.06 -1.58 0.00	39.28 -2.42 0.00	44.66 -3.99 0.00	36.58 -2.25 0.00	31.36 -1.27 0.00	28.14 -1.33 0.00	28.04 -0.99 0.00	27.75 -1.07 0.00	28.58 -1.38 0.00	31.67 -1.56 0.00	37.57 -2.83 0.00	43.13 -4.01 0.00	50.68 -5.26 0.00	44.69 -4.42 -0.01	37.68 -3.58 -0.14	33.05 -2.78 -0.59	31.34 -2.19 -0.36	29.91 -2.26 -0.27	28.65 -1.72 -0.12
KNTFSRNC_46_KV_46KV_LOAD 80397	26.68 -2.80 0.00	26.73 -2.01 0.00	26.07 -1.84 0.00	26.21 -1.35 0.00	27.19 -1.16 0.00	30.88 -0.76 0.00	41.57 -0.13 0.00	48.75 0.10 0.00	38.48 -0.35 0.00	32.30 -0.33 0.00	29.53 0.06 0.00	29.31 0.29 0.00	29.30 0.49 0.00	30.62 0.66 0.00	33.93 0.70 0.00	40.92 0.53 0.00	47.94 0.80 0.00	57.50 1.57 0.00	50.04 0.93 0.00	42.25 1.11 -0.02	35.92 0.60 -0.08	33.01 -0.20 -0.05	31.23 -0.70 -0.04	29.82 -0.45 -0.02
LACHUTE__HYDRO 323717	31.90 2.42 0.00	31.12 2.38 0.00	30.18 2.26 0.00	29.69 2.12 0.00	30.57 2.21 0.00	34.49 2.85 0.00	45.99 4.30 0.00	53.57 4.91 0.00	42.40 3.57 0.00	35.31 2.68 0.00	31.56 2.09 0.00	31.00 1.97 0.00	30.69 1.87 0.00	32.00 2.04 0.00	35.73 2.49 0.00	43.71 3.31 0.00	51.29 4.15 0.00	61.33 5.37 -0.04	53.93 4.76 -0.07	45.87 3.66 -1.09	42.84 3.06 -4.54	38.70 2.75 -2.79	36.56 2.55 -2.11	34.16 2.91 -1.00
LAWRNCV_115KV_TB1 80681	27.04 -2.45 0.00	26.96 -1.78 0.00	26.32 -1.59 0.00	26.38 -1.19 0.00	27.34 -1.02 0.00	30.98 -0.66 0.00	41.57 -0.13 0.00	48.75 0.10 0.00	38.68 -0.16 0.00	32.30 -0.33 0.00	29.47 0.00 0.00	29.17 0.15 0.00	29.13 0.32 0.00	30.38 0.42 0.00	33.60 0.37 0.00	40.48 0.08 0.00	47.47 0.33 0.00	56.88 0.95 0.00	49.60 0.49 0.00	41.84 0.70 -0.02	35.63 0.28 -0.10	32.69 -0.53 -0.06	30.99 -0.96 -0.05	29.55 -0.73 -0.02
LEDERLE____ 23769	31.43 1.95 0.00	30.49 1.75 0.00	29.62 1.70 0.00	29.14 1.57 0.00	29.86 1.50 0.00	33.35 1.71 0.00	44.20 2.50 0.00	52.01 3.36 0.00	41.47 2.64 0.00	34.88 2.25 0.00	31.53 2.06 0.00	30.91 1.89 0.00	30.72 1.90 0.00	32.00 2.04 0.00	35.50 2.26 0.00	43.26 2.87 0.00	50.68 3.54 0.00	60.15 4.19 -0.03	52.84 3.68 -0.06	45.17 3.12 -0.93	41.69 2.61 -3.83	37.97 2.45 -2.36	35.88 2.20 -1.78	33.13 2.03 -0.85
LIGHTRSE_115KV_TB6 355974	28.90 -0.59 0.00	28.19 -0.55 0.00	27.41 -0.50 0.00	27.07 -0.50 0.00	27.96 -0.40 0.00	31.20 -0.44 0.00	41.16 -0.54 0.00	48.07 -0.58 0.00	38.37 -0.47 0.00	32.24 -0.39 0.00	29.06 -0.41 0.00	28.62 -0.41 0.00	28.38 -0.43 0.00	29.48 -0.48 0.00	32.70 -0.53 0.00	39.71 -0.69 0.00	46.34 -0.80 0.00	54.98 -0.95 0.00	48.32 -0.79 0.00	40.53 -0.66 -0.07	34.99 -0.56 -0.31	32.72 -0.63 -0.19	31.43 -0.61 -0.14	29.72 -0.61 -0.07
LINDEN COGEN____ 23786	31.49 2.01 0.00	30.63 1.90 0.00	29.73 1.81 0.00	29.22 1.65 0.00	29.92 1.56 0.00	33.35 1.71 0.00	44.16 2.46 0.00	52.01 3.35 0.00	41.63 2.80 0.00	35.08 2.45 0.00	31.68 2.21 0.00	31.14 2.12 0.00	30.92 2.10 0.00	32.24 2.28 0.00	35.70 2.46 0.00	43.46 3.07 0.00	50.86 3.72 0.00	60.21 4.25 -0.03	52.99 3.83 -0.06	45.39 3.33 -0.94	41.90 2.75 -3.91	38.18 2.62 -2.40	36.14 2.42 -1.82	33.36 2.24 -0.86
LINDHRST_69_KV_BK1 356055	32.05 2.57 0.00	31.09 2.36 0.00	30.06 2.15 0.00	29.49 1.93 0.00	30.20 1.84 0.00	33.63 1.99 0.00	44.70 3.00 0.00	52.69 4.04 0.00	41.86 3.03 0.00	34.91 2.28 0.00	31.95 2.48 0.00	31.23 2.21 0.00	31.18 2.36 0.00	32.57 2.61 0.00	36.23 2.99 0.00	44.28 3.88 -0.01	54.33 4.57 -2.62	67.53 5.31 -6.29	59.87 4.71 -6.05	53.37 4.07 -8.18	48.47 3.45 -9.77	45.19 3.35 -8.67	38.41 3.19 -3.33	34.07 2.94 -0.88
LIPA_MISC_IPP 23656	31.99 2.51 0.00	31.06 2.33 0.00	30.06 2.15 0.00	29.47 1.90 0.00	30.00 1.64 0.00	33.22 1.58 0.00	43.74 2.04 0.00	51.52 2.87 0.00	40.93 2.10 0.00	34.03 1.40 0.00	31.56 2.09 0.00	30.85 1.83 0.00	30.95 2.13 0.00	32.21 2.25 0.00	35.56 2.33 0.00	43.80 3.39 -0.01	53.90 4.38 -2.38	66.51 4.87 -5.71	58.59 4.08 -5.41	52.45 3.82 -7.51	47.72 3.24 -9.23	44.44 3.18 -8.10	38.37 3.29 -3.19	34.19 3.06 -0.88
LISF__SOLAR 323691	31.99 2.50 0.00	31.04 2.30 0.00	30.09 2.18 0.00	29.52 1.96 0.00	30.09 1.73 0.00	32.81 1.17 0.00	43.58 1.88 0.00	51.13 2.48 0.00	40.97 2.13 0.00	34.03 1.40 0.00	31.56 2.09 0.00	30.88 1.86 0.00	30.48 1.67 0.00	31.91 1.95 0.00	35.60 2.36 0.00	43.84 3.43 -0.01	54.00 4.48 -2.38	66.62 4.98 -5.72	58.50 3.98 -5.42	52.54 3.91 -7.52	47.79 3.31 -9.24	44.52 3.25 -8.10	38.44 3.35 -3.19	34.26 3.12 -0.88

LITTLE FALLS___HYD 24013	30.43 0.94 0.00	29.71 0.98 0.00	28.92 1.00 0.00	28.58 1.02 0.00	29.44 1.08 0.00	32.91 1.27 0.00	43.53 1.83 0.00	50.94 2.29 0.00	40.62 1.79 0.00	34.13 1.50 0.00	30.83 1.36 0.00	30.36 1.34 0.00	30.17 1.35 0.00	31.37 1.41 0.00	34.80 1.56 0.00	42.13 1.74 0.00	49.17 2.03 0.00	58.28 2.35 0.00	51.02 1.92 0.00	42.65 1.52 -0.01	36.57 1.27 -0.06	34.26 1.06 -0.04	32.98 1.05 -0.03	31.21 0.94 -0.01
LITTLRIV_115KV_TB1 356100	27.27 -2.21 0.00	27.24 -1.49 0.00	26.60 -1.31 0.00	26.65 -0.91 0.00	27.65 -0.71 0.00	31.36 -0.28 0.00	42.16 0.46 0.00	49.48 0.83 0.00	39.14 0.31 0.00	32.63 0.00 0.00	29.74 0.27 0.00	29.43 0.41 0.00	29.39 0.58 0.00	30.65 0.69 0.00	33.93 0.70 0.00	40.84 0.44 0.00	47.99 0.85 0.00	57.61 1.68 0.00	50.24 1.13 0.00	42.42 1.27 -0.03	36.09 0.74 -0.11	33.06 -0.17 -0.06	31.31 -0.64 -0.05	29.83 -0.45 -0.02
LI_NEWBRDGE___DRP 323616	31.61 2.12 0.00	30.63 1.90 0.00	29.67 1.76 0.00	29.11 1.54 0.00	29.80 1.45 0.00	33.19 1.55 0.00	44.12 2.42 0.00	51.96 3.31 0.00	41.36 2.52 0.00	34.55 1.93 0.00	31.56 2.09 0.00	30.85 1.83 0.00	30.77 1.96 0.00	32.15 2.19 0.00	35.73 2.49 0.00	43.63 3.23 -0.01	53.05 3.68 -2.24	65.56 4.25 -5.38	57.93 3.78 -5.04	51.53 3.29 -7.13	46.95 2.78 -8.92	43.68 2.75 -7.76	37.59 2.58 -3.11	33.50 2.36 -0.88
LOCKPORT_115KV_TB60_63_64 80432	27.98 -1.50 0.00	27.07 -1.67 0.00	26.27 -1.65 0.00	26.24 -1.32 0.00	27.22 -1.13 0.00	30.12 -1.52 0.00	39.36 -2.34 0.00	44.71 -3.94 0.00	36.85 -1.98 0.00	31.68 -0.95 0.00	28.38 -1.09 0.00	28.35 -0.67 0.00	28.01 -0.81 0.00	28.82 -1.14 0.00	31.94 -1.30 0.00	37.77 -2.63 0.00	43.23 -3.91 0.00	50.62 -5.31 0.00	44.74 -4.37 -0.01	37.50 -3.74 -0.12	32.71 -3.03 -0.49	30.98 -2.49 -0.31	29.55 -2.58 -0.23	28.33 -2.06 -0.13
LOCKPORT___CC1 323769	28.22 -1.27 0.00	27.27 -1.46 0.00	26.30 -1.62 0.00	26.24 -1.32 0.00	27.28 -1.08 0.00	30.15 -1.49 0.00	39.45 -2.25 0.00	45.05 -3.60 0.00	36.81 -2.02 0.00	31.68 -0.95 0.00	28.59 -0.88 0.00	28.33 -0.70 0.00	28.09 -0.72 0.00	28.82 -1.14 0.00	31.91 -1.33 0.00	37.69 -2.71 0.00	43.13 -4.01 0.00	50.62 -5.31 0.00	44.65 -4.47 -0.01	37.42 -3.82 -0.12	32.67 -3.07 -0.49	30.95 -2.52 -0.31	29.51 -2.61 -0.23	28.30 -2.09 -0.13
LOCKPORT___CC2 323770	28.22 -1.27 0.00	27.27 -1.46 0.00	26.30 -1.62 0.00	26.24 -1.32 0.00	27.28 -1.08 0.00	30.15 -1.49 0.00	39.45 -2.25 0.00	45.05 -3.60 0.00	36.81 -2.02 0.00	31.68 -0.95 0.00	28.59 -0.88 0.00	28.33 -0.70 0.00	28.09 -0.72 0.00	28.82 -1.14 0.00	31.91 -1.33 0.00	37.69 -2.71 0.00	43.13 -4.01 0.00	50.62 -5.31 0.00	44.65 -4.47 -0.01	37.42 -3.82 -0.12	32.67 -3.07 -0.49	30.95 -2.52 -0.31	29.51 -2.61 -0.23	28.30 -2.09 -0.13
LOCKPORT___CC3 323771	28.22 -1.27 0.00	27.27 -1.46 0.00	26.30 -1.62 0.00	26.24 -1.32 0.00	27.28 -1.08 0.00	30.15 -1.49 0.00	39.45 -2.25 0.00	45.05 -3.60 0.00	36.81 -2.02 0.00	31.68 -0.95 0.00	28.59 -0.88 0.00	28.33 -0.70 0.00	28.09 -0.72 0.00	28.82 -1.14 0.00	31.91 -1.33 0.00	37.69 -2.71 0.00	43.13 -4.01 0.00	50.62 -5.31 0.00	44.65 -4.47 -0.01	37.42 -3.82 -0.12	32.67 -3.07 -0.49	30.95 -2.52 -0.31	29.51 -2.61 -0.23	28.30 -2.09 -0.13
LONG_LAKE_PHOENIX 24014	28.95 -0.53 0.00	28.19 -0.55 0.00	27.38 -0.53 0.00	27.04 -0.52 0.00	27.88 -0.48 0.00	31.07 -0.57 0.00	40.82 -0.88 0.00	47.53 -1.12 0.00	38.02 -0.82 0.00	32.01 -0.62 0.00	28.91 -0.56 0.00	28.50 -0.52 0.00	28.27 -0.55 0.00	29.33 -0.63 0.00	32.54 -0.70 0.00	39.43 -0.97 0.00	45.91 -1.23 0.00	54.42 -1.51 0.00	47.78 -1.33 0.00	40.09 -1.11 -0.08	34.67 -0.92 -0.34	32.54 -0.83 -0.21	31.35 -0.70 -0.16	29.67 -0.67 -0.08
LOVETT___3 23632	31.28 1.80 0.00	30.37 1.64 0.00	29.51 1.59 0.00	29.03 1.46 0.00	29.75 1.39 0.00	33.19 1.55 0.00	43.99 2.29 0.00	51.72 3.07 0.00	41.24 2.41 0.00	34.72 2.09 0.00	31.39 1.92 0.00	30.76 1.74 0.00	30.60 1.79 0.00	31.88 1.92 0.00	35.33 2.09 0.00	43.06 2.67 0.00	50.44 3.30 0.00	59.82 3.86 -0.03	52.60 3.44 -0.06	44.96 2.92 -0.93	41.52 2.43 -3.84	37.81 2.29 -2.36	35.76 2.07 -1.79	33.01 1.91 -0.85
LOVETT___4 23642	31.28 1.80 0.00	30.37 1.64 0.00	29.51 1.59 0.00	29.03 1.46 0.00	29.75 1.39 0.00	33.19 1.55 0.00	43.99 2.29 0.00	51.72 3.07 0.00	41.24 2.41 0.00	34.72 2.09 0.00	31.39 1.92 0.00	30.76 1.74 0.00	30.60 1.79 0.00	31.88 1.92 0.00	35.33 2.09 0.00	43.06 2.67 0.00	50.44 3.30 0.00	59.82 3.86 -0.03	52.60 3.44 -0.06	44.96 2.92 -0.93	41.52 2.43 -3.84	37.81 2.29 -2.36	35.76 2.07 -1.79	33.01 1.91 -0.85
LOVETT___5 23593	31.28 1.80 0.00	30.37 1.64 0.00	29.51 1.59 0.00	29.03 1.46 0.00	29.75 1.39 0.00	33.19 1.55 0.00	43.99 2.29 0.00	51.72 3.07 0.00	41.24 2.41 0.00	34.72 2.09 0.00	31.39 1.92 0.00	30.76 1.74 0.00	30.60 1.79 0.00	31.88 1.92 0.00	35.33 2.09 0.00	43.06 2.67 0.00	50.44 3.30 0.00	59.82 3.86 -0.03	52.60 3.44 -0.06	44.96 2.92 -0.93	41.52 2.43 -3.84	37.81 2.29 -2.36	35.76 2.07 -1.79	33.01 1.91 -0.85
LOWER RAQUET___HYD 24057	27.04 -2.45 0.00	26.78 -1.96 0.00	26.35 -1.56 0.00	26.41 -1.16 0.00	27.11 -1.25 0.00	31.01 -0.63 0.00	41.62 -0.08 0.00	48.80 0.15 0.00	38.79 -0.04 0.00	32.40 -0.23 0.00	29.53 0.06 0.00	29.23 0.20 0.00	29.19 0.37 0.00	30.44 0.48 0.00	33.67 0.43 0.00	40.56 0.16 0.00	47.56 0.42 0.00	57.05 1.12 0.00	49.74 0.64 0.00	41.96 0.82 -0.03	35.74 0.39 -0.11	32.76 -0.46 -0.07	31.05 -0.89 -0.05	29.59 -0.69 -0.02
LOWER___HUDSON 24059	30.60 1.12 0.00	29.86 1.12 0.00	28.98 1.06 0.00	28.58 1.02 0.00	29.32 0.96 0.00	32.84 1.20 0.00	43.45 1.75 0.00	50.79 2.14 0.00	40.31 1.48 0.00	33.67 1.04 0.00	30.35 0.88 0.00	29.86 0.84 0.00	29.65 0.84 0.00	30.95 0.99 0.00	34.40 1.16 0.00	42.05 1.66 0.00	49.21 2.07 0.00	58.48 2.52 -0.04	51.38 2.21 -0.06	44.00 1.81 -1.08	41.30 1.59 -4.47	37.37 1.46 -2.75	35.31 1.34 -2.08	32.48 1.24 -0.98
LOWVILLE_115KV_TB2 356335	28.66 -0.83 0.00	28.19 -0.55 0.00	27.47 -0.45 0.00	27.21 -0.36 0.00	28.36 0.00 0.00	31.86 0.22 0.00	42.41 0.71 0.00	49.82 1.17 0.00	39.57 0.74 0.00	33.02 0.39 0.00	29.79 0.32 0.00	29.28 0.26 0.00	29.07 0.26 0.00	30.26 0.30 0.00	33.60 0.37 0.00	40.84 0.44 0.00	47.99 0.85 0.00	57.27 1.34 0.00	50.24 1.13 0.00	42.14 0.99 -0.04	35.87 0.46 -0.17	33.17 -0.10 -0.10	31.66 -0.32 -0.08	29.84 -0.45 -0.04
LUTHERFT_115KV_GLOB_FND_222 355753	30.84 1.36 0.00	30.09 1.35 0.00	29.17 1.26 0.00	28.75 1.19 0.00	29.55 1.19 0.00	33.13 1.49 0.00	43.87 2.17 0.00	51.28 2.63 0.00	40.70 1.86 0.00	34.00 1.37 0.00	30.59 1.12 0.00	30.07 1.04 0.00	29.82 1.01 0.00	31.10 1.14 0.00	34.63 1.40 0.00	42.33 1.94 0.00	49.50 2.36 0.00	58.93 2.96 -0.04	51.77 2.60 -0.07	44.26 2.06 -1.09	41.54 1.76 -4.53	37.57 1.62 -2.78	35.50 1.50 -2.11	32.80 1.54 -1.00

LUTHERNY_35_KV_BK2 355980	30.87 1.39 0.00	30.09 1.35 0.00	29.20 1.28 0.00	28.78 1.21 0.00	29.58 1.22 0.00	33.16 1.52 0.00	43.91 2.21 0.00	51.28 2.63 0.00	40.73 1.90 0.00	34.00 1.37 0.00	30.62 1.15 0.00	30.07 1.04 0.00	29.85 1.04 0.00	31.13 1.17 0.00	34.63 1.40 0.00	42.33 1.94 0.00	49.54 2.40 0.00	58.98 3.02 -0.04	51.82 2.65 -0.07	44.31 2.10 -1.09	41.57 1.80 -4.53	37.60 1.66 -2.78	35.50 1.50 -2.11	32.83 1.57 -1.00
LWR___OSWEGATCHIE_HYD 23850	27.60 -1.89 0.00	27.33 -1.41 0.00	26.63 -1.28 0.00	26.54 -1.02 0.00	27.59 -0.77 0.00	31.13 -0.51 0.00	41.62 -0.08 0.00	48.90 0.24 0.00	38.83 0.00 0.00	32.40 -0.23 0.00	29.38 -0.09 0.00	28.96 -0.06 0.00	28.84 0.03 0.00	30.05 0.09 0.00	33.30 0.07 0.00	40.31 -0.08 0.00	47.33 0.19 0.00	56.66 0.73 0.00	49.55 0.44 0.00	41.69 0.53 -0.03	35.53 0.14 -0.14	32.69 -0.56 -0.09	31.10 -0.86 -0.07	29.47 -0.82 -0.03
LYONS_FALL_HYD 23570	29.19 -0.29 0.00	28.59 -0.14 0.00	27.86 -0.06 0.00	27.56 0.00 0.00	28.58 0.23 0.00	32.08 0.44 0.00	42.62 0.92 0.00	50.01 1.36 0.00	39.76 0.93 0.00	33.22 0.59 0.00	29.97 0.50 0.00	29.49 0.46 0.00	29.27 0.46 0.00	30.44 0.48 0.00	33.80 0.56 0.00	41.12 0.73 0.00	48.22 1.09 0.00	57.44 1.51 0.00	50.43 1.33 0.00	42.22 1.07 -0.04	36.07 0.67 -0.16	33.49 0.23 -0.10	32.07 0.10 -0.07	30.26 -0.03 -0.03
MADISON___COUNTY_LFGE 323628	30.07 0.59 0.00	29.37 0.63 0.00	28.56 0.64 0.00	28.20 0.63 0.00	29.12 0.77 0.00	32.59 0.95 0.00	43.12 1.42 0.00	50.45 1.80 0.00	40.19 1.36 0.00	33.67 1.04 0.00	30.35 0.88 0.00	29.86 0.84 0.00	29.62 0.81 0.00	30.80 0.84 0.00	34.20 0.96 0.00	41.53 1.13 0.00	48.65 1.51 0.00	57.72 1.79 0.00	50.68 1.57 0.00	42.41 1.23 -0.06	36.52 1.02 -0.25	34.08 0.76 -0.15	32.68 0.67 -0.12	30.89 0.57 -0.06
MALONE___115KV_TB1 356076	26.65 -2.83 0.00	26.67 -2.07 0.00	26.04 -1.87 0.00	26.16 -1.41 0.00	27.11 -1.25 0.00	30.79 -0.85 0.00	41.41 -0.29 0.00	48.60 -0.05 0.00	40.70 1.86 0.00	33.90 1.27 0.00	30.94 1.47 0.00	30.65 1.63 0.00	30.57 1.76 0.00	31.82 1.86 0.00	35.10 1.86 0.00	42.25 1.86 0.00	49.59 2.45 0.00	59.73 3.80 0.00	52.00 2.90 0.00	43.85 2.71 -0.02	37.27 1.94 -0.09	34.01 0.80 -0.05	31.94 0.00 -0.04	30.49 0.21 -0.02
MAPLEWOD_115KV_TB3 80458	30.37 0.88 0.00	29.63 0.89 0.00	28.78 0.87 0.00	28.36 0.80 0.00	29.12 0.77 0.00	32.53 0.89 0.00	42.99 1.29 0.00	50.31 1.65 0.00	39.96 1.13 0.00	33.41 0.78 0.00	30.21 0.74 0.00	29.69 0.67 0.00	29.48 0.66 0.00	30.71 0.75 0.00	34.13 0.90 0.00	41.69 1.29 0.00	48.70 1.56 0.00	57.98 2.01 -0.04	50.94 1.77 -0.06	43.63 1.44 -1.07	40.96 1.27 -4.45	37.09 1.19 -2.73	35.02 1.05 -2.07	32.18 0.94 -0.98
MAPLE_RIDGE_WT_1 323574	28.33 -1.15 0.00	27.82 -0.92 0.00	27.16 -0.75 0.00	26.96 -0.61 0.00	27.71 -0.65 0.00	31.20 -0.44 0.00	41.41 -0.29 0.00	48.41 -0.24 0.00	38.48 -0.35 0.00	32.30 -0.33 0.00	29.27 -0.20 0.00	28.91 -0.12 0.00	28.76 -0.06 0.00	29.96 0.00 0.00	33.20 -0.03 0.00	40.19 -0.20 0.00	46.95 -0.19 0.00	55.82 -0.11 0.00	48.81 -0.29 0.00	40.91 -0.20 0.00	34.86 -0.39 0.00	32.50 -0.66 0.00	31.07 -0.83 0.00	29.50 -0.76 0.00
MAPLE_RIDGE_WT_2 323611	28.33 -1.15 0.00	27.82 -0.92 0.00	27.16 -0.75 0.00	26.96 -0.61 0.00	27.71 -0.65 0.00	31.20 -0.44 0.00	41.41 -0.29 0.00	48.41 -0.24 0.00	38.48 -0.35 0.00	32.30 -0.33 0.00	29.27 -0.20 0.00	28.91 -0.12 0.00	28.76 -0.06 0.00	29.96 0.00 0.00	33.20 -0.03 0.00	40.19 -0.20 0.00	46.95 -0.19 0.00	55.82 -0.11 0.00	48.81 -0.29 0.00	40.91 -0.20 0.00	34.86 -0.39 0.00	32.50 -0.66 0.00	31.07 -0.83 0.00	29.50 -0.76 0.00
MARBLE_RIVER_WT_PWR 323696	26.27 -3.21 0.00	26.12 -2.61 0.00	25.68 -2.23 0.00	25.80 -1.76 0.00	26.49 -1.87 0.00	30.34 -1.30 0.00	40.78 -0.92 0.00	47.83 -0.83 0.00	37.75 -1.09 0.00	31.72 -0.91 0.00	29.00 -0.47 0.00	28.79 -0.23 0.00	28.79 -0.03 0.00	30.11 0.15 0.00	33.37 0.13 0.00	40.23 -0.16 0.00	47.14 0.00 0.00	56.43 0.50 0.00	49.16 0.05 0.00	41.50 0.37 -0.02	35.32 0.00 -0.08	32.51 -0.70 -0.05	30.82 -1.12 -0.04	29.43 -0.85 -0.02
MARSHVLE_115KV_TB1 80742	30.66 1.18 0.00	29.89 1.15 0.00	29.00 1.09 0.00	28.58 1.02 0.00	29.46 1.11 0.00	33.13 1.49 0.00	44.08 2.38 0.00	51.48 2.82 0.00	40.81 1.98 0.00	33.71 1.08 0.00	30.06 0.59 0.00	29.49 0.46 0.00	29.10 0.29 0.00	30.47 0.51 0.00	34.23 1.00 0.00	42.01 1.62 0.00	49.31 2.17 0.00	58.88 2.91 -0.04	51.78 2.60 -0.07	44.31 1.97 -1.22	41.92 1.62 -5.06	37.89 1.62 -3.11	35.59 1.34 -2.35	32.52 1.15 -1.11
MARSH_HILL_WT_PWR 323713	29.37 -0.12 0.00	28.54 -0.20 0.00	27.66 -0.25 0.00	27.51 -0.06 0.00	28.56 0.20 0.00	31.80 0.16 0.00	41.91 0.21 0.00	48.31 -0.34 0.00	39.11 0.27 0.00	33.28 0.65 0.00	29.97 0.50 0.00	29.55 0.52 0.00	29.30 0.49 0.00	30.17 0.21 0.00	33.47 0.23 0.00	39.91 -0.48 0.00	46.10 -1.04 0.00	54.20 -1.73 -0.01	47.50 -1.62 -0.01	39.66 -1.65 -0.19	34.67 -1.34 -0.77	32.27 -1.36 -0.47	30.66 -1.59 -0.36	28.96 -1.48 -0.18
MCINTYRE_115KV_TB2 80467	27.36 -2.12 0.00	27.33 -1.41 0.00	26.71 -1.20 0.00	26.79 -0.77 0.00	27.79 -0.57 0.00	31.51 -0.13 0.00	42.41 0.71 0.00	49.77 1.12 0.00	39.14 0.31 0.00	32.56 -0.07 0.00	29.71 0.24 0.00	29.40 0.38 0.00	29.39 0.58 0.00	30.68 0.72 0.00	33.93 0.70 0.00	40.84 0.44 0.00	48.04 0.90 0.00	57.72 1.79 0.00	50.38 1.28 0.00	42.54 1.40 -0.02	36.23 0.88 -0.10	33.13 -0.10 -0.06	31.37 -0.57 -0.05	29.92 -0.36 -0.02
MECO_____69_KV_BK1 80468	31.22 1.74 0.00	30.43 1.70 0.00	29.53 1.62 0.00	29.08 1.52 0.00	29.95 1.59 0.00	33.70 2.06 0.00	44.83 3.13 0.00	52.30 3.65 0.00	41.40 2.56 0.00	34.29 1.66 0.00	30.65 1.18 0.00	30.07 1.04 0.00	29.74 0.92 0.00	31.07 1.11 0.00	34.86 1.63 0.00	42.82 2.42 0.00	50.25 3.11 0.00	60.05 4.08 -0.04	52.81 3.63 -0.07	45.13 2.84 -1.18	42.47 2.36 -4.87	38.34 2.19 -2.99	36.04 1.88 -2.26	33.03 1.69 -1.07
MENANDS___115KV_TB5 355628	30.22 0.74 0.00	29.48 0.75 0.00	28.64 0.73 0.00	28.25 0.69 0.00	28.98 0.62 0.00	32.37 0.73 0.00	42.74 1.04 0.00	50.02 1.36 0.00	39.73 0.89 0.00	33.25 0.62 0.00	30.09 0.62 0.00	29.57 0.55 0.00	29.36 0.55 0.00	30.59 0.63 0.00	33.97 0.73 0.00	41.49 1.09 0.00	48.46 1.32 0.00	57.64 1.68 -0.04	50.64 1.47 -0.06	43.38 1.19 -1.07	40.74 1.06 -4.44	36.89 0.99 -2.73	34.85 0.89 -2.06	32.02 0.79 -0.98
MG INDUSTRY___DRP 24185	30.25 0.77 0.00	29.51 0.78 0.00	28.67 0.75 0.00	28.28 0.72 0.00	29.04 0.68 0.00	32.40 0.76 0.00	42.78 1.08 0.00	49.92 1.26 0.00	39.65 0.82 0.00	33.15 0.52 0.00	29.94 0.47 0.00	29.43 0.41 0.00	29.22 0.40 0.00	30.44 0.48 0.00	33.87 0.63 0.00	41.36 0.97 0.00	48.32 1.18 0.00	57.53 1.57 -0.03	50.54 1.37 -0.06	43.28 1.11 -1.05	40.56 0.95 -4.36	36.77 0.93 -2.68	34.72 0.80 -2.03	31.95 0.73 -0.96

MID___OSWEGATCHIE_HYD 23849	27.60 -1.89 0.00	27.33 -1.41 0.00	26.63 -1.28 0.00	26.54 -1.02 0.00	27.59 -0.77 0.00	31.13 -0.51 0.00	41.62 -0.08 0.00	48.90 0.24 0.00	38.83 0.00 0.00	32.40 -0.23 0.00	29.38 -0.09 0.00	28.96 -0.06 0.00	28.84 0.03 0.00	30.05 0.09 0.00	33.30 0.07 0.00	40.31 -0.08 0.00	47.33 0.19 0.00	56.66 0.73 0.00	49.55 0.44 0.00	41.69 0.53 -0.03	35.53 0.14 -0.14	32.69 -0.56 -0.09	31.10 -0.86 -0.07	29.47 -0.82 -0.03
MID___RAQUETTE_HYD 23851	27.04 -2.45 0.00	26.98 -1.75 0.00	26.35 -1.56 0.00	26.41 -1.16 0.00	27.36 -0.99 0.00	31.01 -0.63 0.00	41.62 -0.08 0.00	48.80 0.15 0.00	38.79 -0.04 0.00	32.40 -0.23 0.00	29.56 0.09 0.00	29.23 0.20 0.00	29.19 0.37 0.00	30.44 0.48 0.00	33.67 0.43 0.00	40.56 0.16 0.00	47.56 0.42 0.00	57.05 1.12 0.00	49.75 0.64 0.00	41.96 0.82 -0.03	35.74 0.39 -0.11	32.76 -0.46 -0.07	31.02 -0.93 -0.05	29.59 -0.70 -0.02
MILLIKEN___1 23584	30.02 0.53 0.00	29.23 0.49 0.00	28.39 0.47 0.00	28.03 0.47 0.00	28.92 0.57 0.00	32.31 0.66 0.00	42.66 0.96 0.00	49.67 1.02 0.00	39.73 0.89 0.00	33.45 0.82 0.00	30.06 0.59 0.00	29.60 0.58 0.00	29.36 0.55 0.00	30.47 0.51 0.00	33.87 0.63 0.00	41.00 0.61 0.00	47.85 0.71 0.00	56.77 0.84 -0.01	49.85 0.74 -0.01	41.81 0.49 -0.20	36.54 0.46 -0.84	34.04 0.36 -0.52	32.51 0.22 -0.39	30.66 0.21 -0.19
MILLIKEN___2 23585	30.02 0.53 0.00	29.23 0.49 0.00	28.39 0.47 0.00	28.03 0.47 0.00	28.92 0.57 0.00	32.31 0.66 0.00	42.66 0.96 0.00	49.67 1.02 0.00	39.73 0.89 0.00	33.45 0.82 0.00	30.06 0.59 0.00	29.60 0.58 0.00	29.36 0.55 0.00	30.47 0.51 0.00	33.87 0.63 0.00	41.00 0.61 0.00	47.85 0.71 0.00	56.77 0.84 -0.01	49.85 0.74 -0.01	41.81 0.49 -0.20	36.54 0.46 -0.84	34.04 0.36 -0.52	32.51 0.22 -0.39	30.66 0.21 -0.19
MILLIKEN___DIESEL 23629	30.02 0.53 0.00	29.23 0.49 0.00	28.39 0.47 0.00	28.03 0.47 0.00	28.92 0.57 0.00	32.31 0.66 0.00	42.66 0.96 0.00	49.67 1.02 0.00	39.73 0.89 0.00	33.45 0.82 0.00	30.06 0.59 0.00	29.60 0.58 0.00	29.36 0.55 0.00	30.47 0.51 0.00	33.87 0.63 0.00	41.00 0.61 0.00	47.85 0.71 0.00	56.77 0.84 -0.01	49.85 0.74 -0.01	41.81 0.49 -0.20	36.54 0.46 -0.84	34.04 0.36 -0.52	32.51 0.22 -0.39	30.66 0.21 -0.19
MILLSEAT___LFGE 323607	28.54 -0.94 0.00	27.59 -1.15 0.00	26.60 -1.31 0.00	26.57 -0.99 0.00	27.59 -0.76 0.00	30.60 -1.04 0.00	40.16 -1.54 0.00	46.03 -2.63 0.00	37.51 -1.32 0.00	32.14 -0.49 0.00	28.97 -0.50 0.00	28.70 -0.32 0.00	28.44 -0.38 0.00	29.24 -0.72 0.00	32.44 -0.80 0.00	38.50 -1.90 0.00	44.12 -3.02 0.00	51.91 -4.03 0.00	45.82 -3.29 -0.01	38.40 -2.84 -0.12	33.45 -2.29 -0.50	31.61 -1.86 -0.31	30.09 -2.04 -0.23	28.78 -1.60 -0.13
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	31.34 1.86 0.00	30.46 1.72 0.00	29.56 1.65 0.00	29.08 1.52 0.00	29.80 1.45 0.00	33.29 1.65 0.00	44.12 2.42 0.00	51.86 3.21 0.00	41.36 2.52 0.00	34.78 2.15 0.00	31.44 1.97 0.00	30.85 1.83 0.00	30.66 1.84 0.00	31.97 2.01 0.00	35.43 2.19 0.00	43.18 2.79 0.00	50.53 3.39 0.00	59.99 4.03 -0.03	52.75 3.58 -0.06	45.10 3.04 -0.94	41.68 2.54 -3.90	37.94 2.39 -2.40	35.91 2.20 -1.81	33.11 2.00 -0.86
MILLWOOD_13_KV_LOAD 356217	31.40 1.92 0.00	30.49 1.75 0.00	29.62 1.70 0.00	29.14 1.57 0.00	29.86 1.50 0.00	33.35 1.71 0.00	44.20 2.50 0.00	52.01 3.36 0.00	41.43 2.60 0.00	34.88 2.25 0.00	31.47 2.00 0.00	30.88 1.86 0.00	30.72 1.90 0.00	32.03 2.07 0.00	35.50 2.26 0.00	43.30 2.91 0.00	50.68 3.54 0.00	60.10 4.14 -0.03	52.84 3.68 -0.06	45.18 3.12 -0.94	41.78 2.64 -3.90	38.04 2.49 -2.40	35.97 2.26 -1.81	33.18 2.06 -0.86
MODEL_CITY_ENERGY 24167	27.92 -1.56 0.00	26.96 -1.78 0.00	25.99 -1.93 0.00	25.94 -1.63 0.00	26.94 -1.42 0.00	29.77 -1.87 0.00	38.99 -2.71 0.00	44.27 -4.38 0.00	36.19 -2.64 0.00	31.16 -1.47 0.00	28.11 -1.36 0.00	27.86 -1.16 0.00	27.63 -1.18 0.00	28.34 -1.62 0.00	31.41 -1.83 0.00	37.04 -3.35 0.00	42.38 -4.76 0.00	49.72 -6.21 0.00	43.86 -5.25 -0.01	36.76 -4.48 -0.12	32.10 -3.63 -0.49	30.48 -2.98 -0.30	29.10 -3.03 -0.23	27.94 -2.45 -0.13
MODERN_LFGE___ 323580	27.92 -1.56 0.00	26.96 -1.78 0.00	25.99 -1.93 0.00	25.94 -1.63 0.00	26.94 -1.42 0.00	29.77 -1.87 0.00	38.99 -2.71 0.00	44.27 -4.38 0.00	36.19 -2.64 0.00	31.16 -1.47 0.00	28.11 -1.36 0.00	27.86 -1.16 0.00	27.63 -1.18 0.00	28.34 -1.62 0.00	31.41 -1.83 0.00	37.04 -3.35 0.00	42.38 -4.76 0.00	49.72 -6.21 0.00	43.86 -5.25 -0.01	36.76 -4.48 -0.12	32.10 -3.63 -0.49	30.48 -2.98 -0.30	29.10 -3.03 -0.23	27.94 -2.45 -0.13
MOHAWK_PAPER___DRP 24187	30.37 0.88 0.00	29.63 0.89 0.00	28.78 0.87 0.00	28.36 0.80 0.00	29.12 0.77 0.00	32.53 0.89 0.00	42.99 1.29 0.00	50.31 1.65 0.00	39.96 1.13 0.00	33.41 0.78 0.00	30.21 0.74 0.00	29.69 0.67 0.00	29.48 0.66 0.00	30.71 0.75 0.00	34.13 0.90 0.00	41.69 1.29 0.00	48.70 1.56 0.00	57.98 2.01 -0.04	50.94 1.77 -0.06	43.63 1.44 -1.07	40.96 1.27 -4.45	37.09 1.19 -2.73	35.02 1.05 -2.07	32.18 0.94 -0.98
MOHICAN___35_KV_115KV_LD 80490	30.87 1.39 0.00	30.12 1.38 0.00	29.20 1.28 0.00	28.75 1.19 0.00	29.58 1.22 0.00	33.22 1.58 0.00	44.08 2.38 0.00	51.52 2.87 0.00	40.85 2.02 0.00	34.10 1.47 0.00	30.62 1.15 0.00	30.07 1.04 0.00	29.82 1.01 0.00	31.10 1.14 0.00	34.57 1.33 0.00	42.25 1.86 0.00	49.45 2.31 0.00	58.93 2.96 -0.04	51.77 2.60 -0.07	44.22 2.01 -1.09	41.47 1.69 -4.53	37.47 1.53 -2.79	35.50 1.50 -2.11	33.16 1.91 -1.00
MONGAUP___HYD 23641	31.25 1.77 0.00	30.40 1.67 0.00	29.53 1.62 0.00	29.05 1.49 0.00	29.86 1.50 0.00	33.29 1.64 0.00	44.20 2.50 0.00	51.77 3.12 0.00	41.24 2.41 0.00	34.52 1.89 0.00	31.03 1.56 0.00	30.42 1.39 0.00	30.25 1.44 0.00	31.55 1.59 0.00	35.10 1.86 0.00	42.90 2.51 0.00	50.25 3.11 0.00	59.81 3.86 -0.03	52.65 3.49 -0.05	44.89 2.88 -0.89	41.37 2.43 -3.70	37.66 2.22 -2.27	35.50 1.88 -1.72	32.92 1.85 -0.82
MONTAUK___DIESEL 23721	31.90 2.42 0.00	30.98 2.24 0.00	29.98 2.07 0.00	29.38 1.82 0.00	29.89 1.53 0.00	33.03 1.39 0.00	43.41 1.71 0.00	51.38 2.72 0.00	40.66 1.83 0.00	33.77 1.14 0.00	31.30 1.83 0.00	30.82 1.80 0.00	30.95 2.13 0.00	32.18 2.22 0.00	35.53 2.29 0.00	43.72 3.31 -0.01	54.37 4.86 -2.38	67.46 5.82 -5.71	59.62 5.11 -5.41	53.52 4.89 -7.52	48.64 4.16 -9.23	45.27 4.01 -8.10	39.14 4.05 -3.19	34.95 3.81 -0.88
MOONROAD_115KV_HARTFLD_TB1-2 355988	29.34 -0.15 0.00	28.36 -0.37 0.00	27.52 -0.39 0.00	27.56 0.00 0.00	28.61 0.26 0.00	31.64 0.00 0.00	41.57 -0.13 0.00	47.00 -1.65 0.00	38.56 -0.27 0.00	33.09 0.46 0.00	29.62 0.15 0.00	29.52 0.49 0.00	29.13 0.32 0.00	29.96 0.00 0.00	33.10 -0.13 0.00	39.02 -1.37 0.00	44.69 -2.45 0.00	52.19 -3.75 -0.01	45.73 -3.39 -0.01	37.89 -3.37 -0.14	32.99 -2.82 -0.57	30.86 -2.65 -0.35	29.36 -2.81 -0.27	27.87 -2.54 -0.15

MORRIS_RIDGE___SOLAR 323848	29.10 -0.38 0.00	28.22 -0.52 0.00	27.30 -0.61 0.00	27.18 -0.39 0.00	28.16 -0.20 0.00	31.29 -0.35 0.00	41.12 -0.58 0.00	47.19 -1.46 0.00	38.25 -0.58 0.00	32.66 0.03 0.00	29.44 -0.03 0.00	29.08 0.06 0.00	28.84 0.03 0.00	29.66 -0.30 0.00	32.87 -0.36 0.00	39.14 -1.25 0.00	45.16 -1.98 0.00	53.08 -2.85 -0.01	46.61 -2.50 -0.01	38.95 -2.34 -0.18	34.03 -1.94 -0.72	31.78 -1.82 -0.45	30.26 -1.98 -0.34	28.68 -1.76 -0.18
MORTIMER_115KV_TB3 55949	28.51 -0.97 0.00	27.67 -1.06 0.00	26.85 -1.06 0.00	26.65 -0.91 0.00	27.59 -0.77 0.00	30.69 -0.95 0.00	40.24 -1.46 0.00	46.22 -2.43 0.00	37.55 -1.28 0.00	31.94 -0.69 0.00	28.70 -0.77 0.00	28.53 -0.49 0.00	28.24 -0.58 0.00	29.18 -0.78 0.00	32.41 -0.83 0.00	38.82 -1.58 0.00	44.78 -2.36 0.00	52.74 -3.19 0.00	46.56 -2.55 -0.01	39.14 -2.10 -0.12	34.12 -1.62 -0.50	32.21 -1.26 -0.31	30.76 -1.37 -0.23	29.34 -1.03 -0.11
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	31.61 2.12 0.00	30.69 1.95 0.00	29.79 1.87 0.00	29.27 1.71 0.00	29.97 1.62 0.00	33.48 1.84 0.00	44.28 2.59 0.00	52.16 3.50 0.00	41.63 2.80 0.00	35.08 2.45 0.00	31.74 2.27 0.00	31.11 2.09 0.00	30.95 2.13 0.00	32.27 2.31 0.00	35.73 2.49 0.00	43.51 3.11 0.00	50.86 3.72 0.00	60.32 4.36 -0.03	53.04 3.88 -0.06	45.39 3.33 -0.94	41.94 2.78 -3.91	38.22 2.65 -2.40	36.17 2.46 -1.82	33.42 2.30 -0.86
MUNSVILLE_WIND_PWR 323609	31.72 2.24 0.00	31.04 2.30 0.00	30.15 2.23 0.00	29.74 2.18 0.00	30.82 2.47 0.00	34.58 2.94 0.00	46.04 4.34 0.00	54.10 5.45 0.00	42.87 4.04 0.00	35.79 3.16 0.00	32.09 2.62 0.00	31.49 2.47 0.00	31.26 2.45 0.00	32.48 2.52 0.00	36.19 2.96 0.00	43.95 3.56 0.00	51.71 4.57 0.00	61.42 5.48 -0.01	53.84 4.71 -0.02	45.12 3.66 -0.35	39.82 3.14 -1.44	36.50 2.45 -0.89	34.74 2.17 -0.67	32.39 1.82 -0.32
N SALMON___HYD 24042	26.63 -2.86 0.00	26.44 -2.30 0.00	26.05 -1.87 0.00	26.16 -1.40 0.00	26.83 -1.53 0.00	30.79 -0.85 0.00	41.41 -0.29 0.00	48.56 -0.10 0.00	40.70 1.86 0.00	33.90 1.27 0.00	30.94 1.47 0.00	30.65 1.62 0.00	30.60 1.79 0.00	31.82 1.86 0.00	35.10 1.86 0.00	42.25 1.86 0.00	49.59 2.45 0.00	59.73 3.81 0.00	52.00 2.90 0.00	43.85 2.71 -0.02	37.27 1.94 -0.09	34.01 0.79 -0.05	31.97 0.03 -0.04	30.49 0.21 -0.02
N.AKRON__115KV_KNAPP 355671	28.33 -1.15 0.00	27.41 -1.32 0.00	26.60 -1.31 0.00	26.57 -0.99 0.00	27.59 -0.77 0.00	30.57 -1.08 0.00	40.03 -1.67 0.00	45.69 -2.97 0.00	37.51 -1.32 0.00	32.14 -0.49 0.00	28.79 -0.68 0.00	28.70 -0.32 0.00	28.35 -0.46 0.00	29.24 -0.72 0.00	32.44 -0.80 0.00	38.46 -1.94 0.00	44.12 -3.02 0.00	51.74 -4.19 0.00	45.73 -3.39 -0.01	38.36 -2.88 -0.12	33.41 -2.33 -0.50	31.61 -1.86 -0.31	30.09 -2.04 -0.23	28.78 -1.60 -0.13
N.BELMOR_69_KV_BK1 55787	31.81 2.33 0.00	30.83 2.10 0.00	29.87 1.95 0.00	29.30 1.74 0.00	30.00 1.64 0.00	33.44 1.80 0.00	44.45 2.75 0.00	52.40 3.75 0.00	41.67 2.83 0.00	34.82 2.19 0.00	31.77 2.30 0.00	31.08 2.06 0.00	30.97 2.16 0.00	32.39 2.43 0.00	35.99 2.76 0.00	43.92 3.51 -0.01	54.40 4.10 -3.16	68.28 4.75 -7.60	60.82 4.22 -7.49	54.47 3.66 -9.69	49.33 3.10 -10.99	46.15 3.02 -9.97	38.37 2.84 -3.64	33.74 2.60 -0.88
N.E_GEN_SANDY PD 24062	30.87 1.39 0.00	30.09 1.35 0.00	29.20 1.28 0.00	28.81 1.24 0.00	29.52 1.16 0.00	33.00 1.36 0.00	44.56 2.00 -0.86	52.82 2.53 -1.64	40.66 1.83 0.00	34.00 1.37 0.00	30.65 1.18 0.00	30.12 1.10 0.00	29.91 1.09 0.00	31.25 1.29 0.00	34.73 1.50 0.00	42.49 2.10 0.00	49.73 2.59 0.00	58.98 3.02 -0.03	51.82 2.65 -0.06	44.34 2.22 -1.01	41.36 1.94 -4.18	37.55 1.82 -2.57	35.50 1.66 -1.94	32.66 1.48 -0.92
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.34 1.86 0.00	30.43 1.70 0.00	29.53 1.62 0.00	29.05 1.49 0.00	29.78 1.42 0.00	33.25 1.61 0.00	44.08 2.38 0.00	51.82 3.16 0.00	41.32 2.49 0.00	34.75 2.12 0.00	31.42 1.95 0.00	30.82 1.80 0.00	30.63 1.82 0.00	31.91 1.95 0.00	35.36 2.13 0.00	43.14 2.75 0.00	50.49 3.35 0.00	59.93 3.97 -0.03	52.65 3.49 -0.06	45.04 3.00 -0.93	41.58 2.50 -3.84	37.88 2.35 -2.36	35.79 2.11 -1.78	33.04 1.94 -0.85
N.QUEENS_27_KV_LOAD 356247	32.03 2.54 -0.01	31.07 2.33 -0.01	30.16 2.23 -0.01	29.75 2.18 -0.01	30.44 2.07 -0.01	33.60 1.96 0.00	43.91 2.21 0.00	51.62 2.97 0.00	41.40 2.56 0.00	35.24 2.61 0.00	31.89 2.42 0.00	31.29 2.26 0.00	31.09 2.28 0.00	32.42 2.46 0.00	35.83 2.59 0.00	43.34 2.95 0.00	50.53 3.39 0.00	59.82 3.86 -0.03	52.65 3.49 -0.06	45.22 3.17 -0.94	41.73 2.57 -3.91	38.02 2.45 -2.40	36.23 2.52 -1.82	33.69 2.57 -0.86
N.TROY___115KV_TB1 355778	30.63 1.15 0.00	29.86 1.12 0.00	28.98 1.06 0.00	28.58 1.02 0.00	29.32 0.96 0.00	32.84 1.20 0.00	43.45 1.75 0.00	50.79 2.14 0.00	40.31 1.48 0.00	33.67 1.04 0.00	30.38 0.91 0.00	29.86 0.84 0.00	29.65 0.84 0.00	30.95 0.99 0.00	34.40 1.16 0.00	42.05 1.66 0.00	49.21 2.07 0.00	58.48 2.52 -0.04	51.38 2.21 -0.06	44.00 1.81 -1.08	41.30 1.59 -4.47	37.37 1.46 -2.75	35.31 1.34 -2.08	32.48 1.24 -0.98
NARROWS_GT1_1 24228	31.82 2.33 -0.01	30.93 2.18 -0.01	30.02 2.09 -0.01	29.47 1.90 -0.01	30.18 1.82 -0.01	33.60 1.96 0.00	44.33 2.63 0.00	52.01 3.35 0.00	41.67 2.83 0.00	35.18 2.55 0.00	31.74 2.27 0.00	31.20 2.18 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.59 3.19 0.00	50.96 3.82 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.55 3.49 -0.94	41.97 2.82 -3.91	38.35 2.79 -2.40	36.33 2.62 -1.82	33.66 2.54 -0.86
NARROWS_GT1_2 24229	31.82 2.33 -0.01	30.93 2.18 -0.01	30.02 2.09 -0.01	29.47 1.90 -0.01	30.18 1.82 -0.01	33.60 1.96 0.00	44.33 2.63 0.00	52.01 3.35 0.00	41.67 2.83 0.00	35.18 2.55 0.00	31.74 2.27 0.00	31.20 2.18 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.59 3.19 0.00	50.96 3.82 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.55 3.49 -0.94	41.97 2.82 -3.91	38.35 2.79 -2.40	36.33 2.62 -1.82	33.66 2.54 -0.86
NARROWS_GT1_3 24230	31.82 2.33 -0.01	30.93 2.18 -0.01	30.02 2.09 -0.01	29.47 1.90 -0.01	30.18 1.82 -0.01	33.60 1.96 0.00	44.33 2.63 0.00	52.01 3.35 0.00	41.67 2.83 0.00	35.18 2.55 0.00	31.74 2.27 0.00	31.20 2.18 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.59 3.19 0.00	50.96 3.82 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.55 3.49 -0.94	41.97 2.82 -3.91	38.35 2.79 -2.40	36.33 2.62 -1.82	33.66 2.54 -0.86
NARROWS_GT1_4 24231	31.82 2.33 -0.01	30.93 2.18 -0.01	30.02 2.09 -0.01	29.47 1.90 -0.01	30.18 1.82 -0.01	33.60 1.96 0.00	44.33 2.63 0.00	52.01 3.35 0.00	41.67 2.83 0.00	35.18 2.55 0.00	31.74 2.27 0.00	31.20 2.18 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.59 3.19 0.00	50.96 3.82 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.55 3.49 -0.94	41.97 2.82 -3.91	38.35 2.79 -2.40	36.33 2.62 -1.82	33.66 2.54 -0.86

NARROWS_GT1_5 24232	31.82 2.33 -0.01	30.93 2.18 -0.01	30.02 2.09 -0.01	29.47 1.90 -0.01	30.18 1.82 -0.01	33.60 1.96 0.00	44.33 2.63 0.00	52.01 3.35 0.00	41.67 2.83 0.00	35.18 2.55 0.00	31.74 2.27 0.00	31.20 2.18 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.59 3.19 0.00	50.96 3.82 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.55 3.49 -0.94	41.97 2.82 -3.91	38.35 2.79 -2.40	36.33 2.62 -1.82	33.66 2.54 -0.86
NARROWS_GT1_6 24233	31.82 2.33 -0.01	30.93 2.18 -0.01	30.02 2.09 -0.01	29.47 1.90 -0.01	30.18 1.82 -0.01	33.60 1.96 0.00	44.33 2.63 0.00	52.01 3.35 0.00	41.67 2.83 0.00	35.18 2.55 0.00	31.74 2.27 0.00	31.20 2.18 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.59 3.19 0.00	50.96 3.82 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.55 3.49 -0.94	41.97 2.82 -3.91	38.35 2.79 -2.40	36.33 2.62 -1.82	33.66 2.54 -0.86
NARROWS_GT1_7 24234	31.82 2.33 -0.01	30.93 2.18 -0.01	30.02 2.09 -0.01	29.47 1.90 -0.01	30.18 1.82 -0.01	33.60 1.96 0.00	44.33 2.63 0.00	52.01 3.35 0.00	41.67 2.83 0.00	35.18 2.55 0.00	31.74 2.27 0.00	31.20 2.18 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.59 3.19 0.00	50.96 3.82 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.55 3.49 -0.94	41.97 2.82 -3.91	38.35 2.79 -2.40	36.33 2.62 -1.82	33.66 2.54 -0.86
NARROWS_GT1_8 24235	31.82 2.33 -0.01	30.93 2.18 -0.01	30.02 2.09 -0.01	29.47 1.90 -0.01	30.18 1.82 -0.01	33.60 1.96 0.00	44.33 2.63 0.00	52.01 3.35 0.00	41.67 2.83 0.00	35.18 2.55 0.00	31.74 2.27 0.00	31.20 2.18 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.59 3.19 0.00	50.96 3.82 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.55 3.49 -0.94	41.97 2.82 -3.91	38.35 2.79 -2.40	36.33 2.62 -1.82	33.66 2.54 -0.86
NARROWS_GT2_1 24236	31.82 2.33 -0.01	30.93 2.18 -0.01	30.02 2.09 -0.01	29.47 1.90 -0.01	30.18 1.82 -0.01	33.60 1.96 0.00	44.33 2.63 0.00	52.01 3.35 0.00	41.67 2.83 0.00	35.18 2.55 0.00	31.74 2.27 0.00	31.20 2.18 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.59 3.19 0.00	50.96 3.82 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.55 3.49 -0.94	41.97 2.82 -3.91	38.35 2.79 -2.40	36.33 2.62 -1.82	33.66 2.54 -0.86
NARROWS_GT2_2 24237	31.82 2.33 -0.01	30.93 2.18 -0.01	30.02 2.09 -0.01	29.47 1.90 -0.01	30.18 1.82 -0.01	33.60 1.96 0.00	44.33 2.63 0.00	52.01 3.35 0.00	41.67 2.83 0.00	35.18 2.55 0.00	31.74 2.27 0.00	31.20 2.18 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.59 3.19 0.00	50.96 3.82 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.55 3.49 -0.94	41.97 2.82 -3.91	38.35 2.79 -2.40	36.33 2.62 -1.82	33.66 2.54 -0.86
NARROWS_GT2_3 24238	31.82 2.33 -0.01	30.93 2.18 -0.01	30.02 2.09 -0.01	29.47 1.90 -0.01	30.18 1.82 -0.01	33.60 1.96 0.00	44.33 2.63 0.00	52.01 3.35 0.00	41.67 2.83 0.00	35.18 2.55 0.00	31.74 2.27 0.00	31.20 2.18 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.59 3.19 0.00	50.96 3.82 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.55 3.49 -0.94	41.97 2.82 -3.91	38.35 2.79 -2.40	36.33 2.62 -1.82	33.66 2.54 -0.86
NARROWS_GT2_4 24239	31.82 2.33 -0.01	30.93 2.18 -0.01	30.02 2.09 -0.01	29.47 1.90 -0.01	30.18 1.82 -0.01	33.60 1.96 0.00	44.33 2.63 0.00	52.01 3.35 0.00	41.67 2.83 0.00	35.18 2.55 0.00	31.74 2.27 0.00	31.20 2.18 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.59 3.19 0.00	50.96 3.82 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.55 3.49 -0.94	41.97 2.82 -3.91	38.35 2.79 -2.40	36.33 2.62 -1.82	33.66 2.54 -0.86
NARROWS_GT2_5 24240	31.82 2.33 -0.01	30.93 2.18 -0.01	30.02 2.09 -0.01	29.47 1.90 -0.01	30.18 1.82 -0.01	33.60 1.96 0.00	44.33 2.63 0.00	52.01 3.35 0.00	41.67 2.83 0.00	35.18 2.55 0.00	31.74 2.27 0.00	31.20 2.18 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.59 3.19 0.00	50.96 3.82 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.55 3.49 -0.94	41.97 2.82 -3.91	38.35 2.79 -2.40	36.33 2.62 -1.82	33.66 2.54 -0.86
NARROWS_GT2_6 24241	31.82 2.33 -0.01	30.93 2.18 -0.01	30.02 2.09 -0.01	29.47 1.90 -0.01	30.18 1.82 -0.01	33.60 1.96 0.00	44.33 2.63 0.00	52.01 3.35 0.00	41.67 2.83 0.00	35.18 2.55 0.00	31.74 2.27 0.00	31.20 2.18 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.59 3.19 0.00	50.96 3.82 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.55 3.49 -0.94	41.97 2.82 -3.91	38.35 2.79 -2.40	36.33 2.62 -1.82	33.66 2.54 -0.86
NARROWS_GT2_7 24242	31.82 2.33 -0.01	30.93 2.18 -0.01	30.02 2.09 -0.01	29.47 1.90 -0.01	30.18 1.82 -0.01	33.60 1.96 0.00	44.33 2.63 0.00	52.01 3.35 0.00	41.67 2.83 0.00	35.18 2.55 0.00	31.74 2.27 0.00	31.20 2.18 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.59 3.19 0.00	50.96 3.82 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.55 3.49 -0.94	41.97 2.82 -3.91	38.35 2.79 -2.40	36.33 2.62 -1.82	33.66 2.54 -0.86
NARROWS_GT2_8 24243	31.82 2.33 -0.01	30.93 2.18 -0.01	30.02 2.09 -0.01	29.47 1.90 -0.01	30.18 1.82 -0.01	33.60 1.96 0.00	44.33 2.63 0.00	52.01 3.35 0.00	41.67 2.83 0.00	35.18 2.55 0.00	31.74 2.27 0.00	31.20 2.18 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.59 3.19 0.00	50.96 3.82 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.55 3.49 -0.94	41.97 2.82 -3.91	38.35 2.79 -2.40	36.33 2.62 -1.82	33.66 2.54 -0.86
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	30.43 0.94 0.00	29.74 1.01 0.00	28.89 0.98 0.00	28.50 0.94 0.00	29.32 0.96 0.00	32.72 1.08 0.00	43.37 1.67 0.00	50.55 1.90 0.00	40.00 1.16 0.00	33.18 0.55 0.00	29.85 0.38 0.00	29.31 0.29 0.00	29.10 0.29 0.00	30.32 0.36 0.00	33.80 0.57 0.00	41.45 1.05 0.00	48.55 1.41 0.00	58.03 2.07 -0.03	51.08 1.92 -0.06	43.30 1.15 -1.03	40.49 0.99 -4.26	36.68 0.90 -2.62	34.52 0.64 -1.98	31.89 0.70 -0.94
NCHELSEA_115KV_TR2 355582	31.43 1.95 0.00	30.55 1.81 0.00	29.67 1.76 0.00	29.19 1.63 0.00	29.95 1.59 0.00	33.41 1.77 0.00	44.37 2.67 0.00	52.11 3.45 0.00	41.47 2.64 0.00	34.78 2.15 0.00	31.36 1.89 0.00	30.73 1.71 0.00	30.57 1.76 0.00	31.88 1.92 0.00	35.43 2.19 0.00	43.26 2.87 0.00	50.63 3.49 0.00	60.10 4.14 -0.03	52.89 3.73 -0.06	45.14 3.08 -0.94	41.76 2.61 -3.91	37.98 2.42 -2.40	35.82 2.11 -1.82	33.15 2.03 -0.86
NEG CAPITAL___MECHNVIL 23645	30.90 1.42 0.00	30.12 1.38 0.00	29.23 1.31 0.00	28.81 1.24 0.00	29.60 1.25 0.00	33.19 1.55 0.00	43.99 2.29 0.00	51.38 2.72 0.00	40.77 1.94 0.00	34.06 1.43 0.00	30.62 1.15 0.00	30.12 1.10 0.00	29.88 1.07 0.00	31.16 1.20 0.00	34.70 1.46 0.00	42.45 2.06 0.00	49.68 2.54 0.00	59.09 3.13 -0.04	51.97 2.80 -0.06	44.42 2.22 -1.09	41.62 1.87 -4.51	37.66 1.72 -2.77	35.56 1.56 -2.10	32.82 1.57 -0.99

NEG CENTRAL_HIGH_ACRES 23767	28.27 -1.21 0.00	27.44 -1.29 0.00	26.58 -1.34 0.00	26.35 -1.21 0.00	27.25 -1.11 0.00	30.37 -1.27 0.00	39.91 -1.79 0.00	46.12 -2.53 0.00	37.20 -1.63 0.00	31.55 -1.08 0.00	28.47 -1.00 0.00	28.12 -0.90 0.00	27.92 -0.89 0.00	28.85 -1.11 0.00	32.04 -1.20 0.00	38.50 -1.90 0.00	44.50 -2.64 0.00	52.52 -3.41 0.00	46.26 -2.85 -0.01	38.85 -2.39 -0.12	33.83 -1.90 -0.49	31.87 -1.59 -0.30	30.43 -1.69 -0.23	28.97 -1.39 -0.11
NEG CENTRAL___DRP 24199	29.43 -0.06 0.00	28.59 -0.14 0.00	27.80 -0.11 0.00	27.48 -0.08 0.00	28.41 0.06 0.00	31.70 0.06 0.00	41.78 0.08 0.00	48.41 -0.24 0.00	38.95 0.12 0.00	32.89 0.26 0.00	29.59 0.12 0.00	29.20 0.17 0.00	28.93 0.12 0.00	29.96 0.00 0.00	33.27 0.03 0.00	40.11 -0.28 0.00	46.57 -0.57 0.00	55.09 -0.84 0.00	48.43 -0.69 -0.01	40.67 -0.58 -0.13	35.32 -0.46 -0.53	33.03 -0.46 -0.33	31.57 -0.57 -0.25	29.89 -0.48 -0.12
NEG CENTRAL___INDECK 23768	29.63 0.15 0.00	28.77 0.03 0.00	27.80 -0.11 0.00	27.62 0.06 0.00	28.67 0.31 0.00	31.99 0.35 0.00	42.20 0.50 0.00	48.70 0.05 0.00	39.30 0.47 0.00	33.25 0.62 0.00	29.82 0.35 0.00	29.40 0.38 0.00	29.04 0.23 0.00	29.99 0.03 0.00	33.37 0.13 0.00	39.99 -0.40 0.00	46.43 -0.71 0.00	54.98 -0.95 -0.01	48.53 -0.59 -0.01	40.70 -0.58 -0.16	35.49 -0.42 -0.66	33.21 -0.36 -0.41	31.53 -0.67 -0.31	29.90 -0.51 -0.15
NEG CENTRAL___SENECA 23627	29.48 0.00 0.00	28.62 -0.11 0.00	27.83 -0.08 0.00	27.54 -0.03 0.00	28.50 0.14 0.00	31.83 0.19 0.00	41.99 0.29 0.00	48.41 -0.24 0.00	39.10 0.27 0.00	33.12 0.49 0.00	29.74 0.27 0.00	29.37 0.35 0.00	29.07 0.26 0.00	30.08 0.12 0.00	33.40 0.17 0.00	40.15 -0.24 0.00	46.48 -0.66 0.00	54.98 -0.95 0.00	48.28 -0.83 -0.01	40.60 -0.66 -0.14	35.30 -0.53 -0.58	33.02 -0.50 -0.36	31.47 -0.70 -0.27	29.75 -0.64 -0.13
NEG CENTRAL___STATE_STREET 24147	29.54 0.06 0.00	28.74 0.00 0.00	27.92 0.00 0.00	27.59 0.03 0.00	28.44 0.09 0.00	31.77 0.13 0.00	41.87 0.17 0.00	48.65 0.00 0.00	39.03 0.19 0.00	32.89 0.26 0.00	29.62 0.15 0.00	29.20 0.17 0.00	28.96 0.14 0.00	30.05 0.09 0.00	33.37 0.13 0.00	40.35 -0.04 0.00	47.00 -0.14 0.00	55.71 -0.22 0.00	48.92 -0.20 -0.01	41.04 -0.21 -0.13	35.63 -0.14 -0.53	33.35 -0.13 -0.32	31.95 -0.19 -0.25	30.19 -0.18 -0.12
NEG MILLWOOD___DRP 24198	31.52 2.03 0.00	30.63 1.90 0.00	29.73 1.81 0.00	29.25 1.68 0.00	29.97 1.62 0.00	33.54 1.90 0.00	44.49 2.79 0.00	52.40 3.75 0.00	41.67 2.83 0.00	34.95 2.32 0.00	31.47 2.00 0.00	30.85 1.83 0.00	30.69 1.87 0.00	32.03 2.07 0.00	35.63 2.39 0.00	43.51 3.11 0.00	50.86 3.72 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.39 3.33 -0.95	41.99 2.82 -3.93	38.20 2.62 -2.41	36.05 2.33 -1.83	33.24 2.12 -0.87
NEG NORTH_FLCN_SEA 23793	26.60 -2.89 0.00	26.67 -2.07 0.00	25.99 -1.93 0.00	26.13 -1.43 0.00	27.11 -1.25 0.00	30.75 -0.89 0.00	41.37 -0.33 0.00	48.56 -0.10 0.00	38.33 -0.50 0.00	32.21 -0.42 0.00	29.44 -0.03 0.00	29.23 0.20 0.00	29.22 0.40 0.00	30.56 0.60 0.00	33.83 0.60 0.00	40.80 0.40 0.00	47.80 0.66 0.00	57.22 1.29 0.00	49.84 0.74 0.00	42.08 0.95 -0.02	35.82 0.49 -0.08	32.91 -0.30 -0.05	31.17 -0.77 -0.04	29.76 -0.51 -0.02
NEG NORTH_KES_CHATEGAY 23792	26.33 -3.15 0.00	26.38 -2.36 0.00	25.74 -2.18 0.00	25.86 -1.71 0.00	26.80 -1.56 0.00	30.41 -1.23 0.00	40.87 -0.83 0.00	47.92 -0.73 0.00	37.78 -1.05 0.00	31.72 -0.91 0.00	29.00 -0.47 0.00	28.73 -0.29 0.00	28.73 -0.09 0.00	30.05 0.09 0.00	33.30 0.07 0.00	40.15 -0.24 0.00	47.05 -0.09 0.00	56.32 0.39 0.00	49.06 -0.05 0.00	41.42 0.29 -0.02	35.29 -0.04 -0.08	32.45 -0.76 -0.05	30.76 -1.18 -0.04	29.40 -0.88 -0.02
NEG NORTH___ALICE_FALLS 23915	26.68 -2.80 0.00	26.73 -2.01 0.00	26.07 -1.84 0.00	26.21 -1.35 0.00	27.19 -1.16 0.00	30.88 -0.76 0.00	41.57 -0.13 0.00	48.75 0.10 0.00	38.48 -0.35 0.00	32.30 -0.33 0.00	29.53 0.06 0.00	29.31 0.29 0.00	29.30 0.49 0.00	30.62 0.66 0.00	33.93 0.70 0.00	40.92 0.53 0.00	47.94 0.80 0.00	57.50 1.57 0.00	50.04 0.93 0.00	42.25 1.11 -0.02	35.92 0.60 -0.08	33.01 -0.20 -0.05	31.23 -0.70 -0.04	29.82 -0.45 -0.02
NEG NORTH___LWR_SARANAC 23913	26.68 -2.80 0.00	26.73 -2.01 0.00	26.07 -1.84 0.00	26.21 -1.35 0.00	27.19 -1.16 0.00	30.88 -0.76 0.00	41.57 -0.13 0.00	48.75 0.10 0.00	38.48 -0.35 0.00	32.30 -0.33 0.00	29.53 0.06 0.00	29.31 0.29 0.00	29.30 0.49 0.00	30.62 0.66 0.00	33.93 0.70 0.00	40.92 0.53 0.00	47.94 0.80 0.00	57.50 1.57 0.00	50.04 0.93 0.00	42.25 1.11 -0.02	35.92 0.60 -0.08	33.01 -0.20 -0.05	31.23 -0.70 -0.04	29.82 -0.45 -0.02
NEG NORTH___PLATTSBURG 23628	26.68 -2.80 0.00	26.52 -2.21 0.00	26.07 -1.84 0.00	26.21 -1.35 0.00	26.91 -1.45 0.00	30.88 -0.76 0.00	41.57 -0.12 0.00	48.75 0.10 0.00	38.48 -0.35 0.00	32.30 -0.33 0.00	29.53 0.06 0.00	29.31 0.29 0.00	29.30 0.49 0.00	30.62 0.66 0.00	33.94 0.70 0.00	40.92 0.52 0.00	47.94 0.80 0.00	57.49 1.56 0.00	50.04 0.93 0.00	42.25 1.11 -0.02	35.92 0.60 -0.08	33.01 -0.20 -0.05	31.23 -0.70 -0.04	29.82 -0.45 -0.02
NEG WEST_LEA_LOCKPORT 23791	28.01 -1.47 0.00	27.07 -1.67 0.00	26.27 -1.65 0.00	26.24 -1.32 0.00	27.25 -1.11 0.00	30.12 -1.52 0.00	39.36 -2.34 0.00	44.66 -3.99 0.00	36.81 -2.02 0.00	31.68 -0.95 0.00	28.38 -1.09 0.00	28.33 -0.70 0.00	27.98 -0.84 0.00	28.82 -1.14 0.00	31.91 -1.33 0.00	37.69 -2.71 0.00	43.13 -4.01 0.00	50.51 -5.43 0.00	44.65 -4.47 -0.01	37.41 -3.82 -0.12	32.67 -3.07 -0.49	30.95 -2.52 -0.31	29.48 -2.65 -0.23	28.30 -2.09 -0.13
NEG WEST___LANCASTER 23811	29.07 -0.41 0.00	28.05 -0.69 0.00	27.25 -0.67 0.00	27.23 -0.33 0.00	28.22 -0.14 0.00	31.23 -0.41 0.00	40.99 -0.71 0.00	46.37 -2.29 0.00	38.06 -0.78 0.00	32.70 0.07 0.00	29.38 -0.09 0.00	29.23 0.20 0.00	28.87 0.06 0.00	29.69 -0.27 0.00	32.84 -0.40 0.00	38.86 -1.54 0.00	44.74 -2.40 0.00	52.58 -3.36 -0.01	46.22 -2.90 -0.01	38.13 -3.12 -0.14	32.96 -2.85 -0.57	30.50 -3.02 -0.35	29.07 -3.09 -0.27	27.38 -3.03 -0.15
NEG_PENN_ALLEGHNY 23528	29.93 0.44 0.00	29.11 0.37 0.00	28.25 0.34 0.00	27.92 0.36 0.00	28.81 0.45 0.00	32.12 0.48 0.00	42.36 0.67 0.00	49.28 0.63 0.00	39.53 0.70 0.00	33.38 0.75 0.00	30.09 0.62 0.00	29.63 0.61 0.00	29.39 0.58 0.00	30.47 0.51 0.00	33.83 0.60 0.00	40.88 0.49 0.00	47.66 0.52 0.00	56.44 0.50 -0.01	49.57 0.44 -0.02	41.68 0.25 -0.32	36.81 0.25 -1.32	34.14 0.17 -0.81	32.57 0.06 -0.61	30.58 0.03 -0.29
NEG___GEN_MONROE 24207	28.54 -0.94 0.00	27.67 -1.06 0.00	26.85 -1.06 0.00	26.68 -0.88 0.00	27.65 -0.71 0.00	30.75 -0.89 0.00	40.28 -1.42 0.00	46.17 -2.48 0.00	37.55 -1.28 0.00	31.98 -0.65 0.00	28.73 -0.74 0.00	28.53 -0.49 0.00	28.24 -0.58 0.00	29.15 -0.81 0.00	32.34 -0.90 0.00	38.66 -1.74 0.00	44.50 -2.64 0.00	52.47 -3.47 0.00	46.31 -2.80 -0.01	39.02 -2.22 -0.12	34.01 -1.73 -0.50	32.11 -1.36 -0.31	30.63 -1.50 -0.23	29.25 -1.12 -0.11

NEPA___ENERGY 23901	28.78 -0.71 0.00	27.82 -0.92 0.00	26.99 -0.92 0.00	27.01 -0.55 0.00	28.02 -0.34 0.00	31.01 -0.63 0.00	40.61 -1.08 0.00	45.93 -2.72 0.00	37.78 -1.05 0.00	32.47 -0.16 0.00	29.09 -0.38 0.00	29.02 0.00 0.00	28.64 -0.17 0.00	29.51 -0.45 0.00	32.64 -0.60 0.00	38.58 -1.82 0.00	44.22 -2.92 0.00	51.74 -4.19 -0.01	45.53 -3.58 -0.01	37.96 -3.29 -0.13	33.10 -2.68 -0.54	31.07 -2.42 -0.33	29.60 -2.55 -0.25	28.22 -2.18 -0.14
NEVERSink___HYD 23608	31.40 1.92 0.00	30.58 1.84 0.00	29.67 1.76 0.00	29.19 1.63 0.00	30.03 1.67 0.00	33.48 1.83 0.00	44.45 2.75 0.00	52.11 3.45 0.00	41.59 2.76 0.00	34.85 2.22 0.00	31.33 1.86 0.00	30.73 1.71 0.00	30.51 1.70 0.00	31.85 1.89 0.00	35.40 2.16 0.00	43.26 2.87 0.00	50.63 3.49 0.00	60.15 4.20 -0.03	52.94 3.78 -0.05	45.09 3.12 -0.85	41.38 2.61 -3.53	37.72 2.39 -2.17	35.58 2.04 -1.64	33.03 2.00 -0.78
NEWKRMKL_115KV_TB1 55635	30.07 0.59 0.00	29.34 0.60 0.00	28.53 0.61 0.00	28.12 0.55 0.00	28.84 0.48 0.00	32.18 0.54 0.00	42.53 0.83 0.00	49.72 1.07 0.00	39.53 0.70 0.00	33.09 0.46 0.00	29.97 0.50 0.00	29.49 0.46 0.00	29.25 0.43 0.00	30.44 0.48 0.00	33.80 0.57 0.00	41.24 0.85 0.00	48.18 1.04 0.00	57.31 1.34 -0.04	50.35 1.18 -0.06	43.13 0.95 -1.07	40.53 0.85 -4.44	36.69 0.80 -2.73	34.63 0.67 -2.06	31.84 0.61 -0.98
NEWTON___FALLS_HYD 23847	27.60 -1.89 0.00	27.33 -1.41 0.00	26.63 -1.28 0.00	26.54 -1.02 0.00	27.59 -0.77 0.00	31.13 -0.51 0.00	41.62 -0.08 0.00	48.90 0.24 0.00	38.83 0.00 0.00	32.40 -0.23 0.00	29.38 -0.09 0.00	28.96 -0.06 0.00	28.84 0.03 0.00	30.05 0.09 0.00	33.30 0.07 0.00	40.31 -0.08 0.00	47.33 0.19 0.00	56.66 0.73 0.00	49.55 0.44 0.00	41.69 0.53 -0.03	35.53 0.14 -0.14	32.69 -0.56 -0.09	31.10 -0.86 -0.07	29.47 -0.82 -0.03
NGRID_A1_DSASP 323792	28.01 -1.47 0.00	27.04 -1.70 0.00	26.07 -1.84 0.00	26.02 -1.54 0.00	27.03 -1.33 0.00	29.84 -1.80 0.00	38.99 -2.71 0.00	44.18 -4.48 0.00	36.15 -2.68 0.00	31.16 -1.47 0.00	28.14 -1.33 0.00	27.92 -1.10 0.00	27.69 -1.12 0.00	28.37 -1.59 0.00	31.41 -1.83 0.00	37.00 -3.39 0.00	42.33 -4.81 0.00	49.61 -6.32 0.00	43.76 -5.35 -0.01	36.71 -4.52 -0.12	32.16 -3.56 -0.47	30.57 -2.89 -0.29	29.19 -2.93 -0.22	28.09 -2.30 -0.13
NGRID_A2_DSASP 323793	28.01 -1.47 0.00	27.04 -1.70 0.00	26.07 -1.84 0.00	26.02 -1.54 0.00	27.03 -1.33 0.00	29.84 -1.80 0.00	38.99 -2.71 0.00	44.18 -4.48 0.00	36.15 -2.68 0.00	31.16 -1.47 0.00	28.14 -1.33 0.00	27.92 -1.10 0.00	27.69 -1.12 0.00	28.37 -1.59 0.00	31.41 -1.83 0.00	37.00 -3.39 0.00	42.33 -4.81 0.00	49.61 -6.32 0.00	43.76 -5.35 -0.01	36.71 -4.52 -0.12	32.16 -3.56 -0.47	30.57 -2.89 -0.29	29.19 -2.93 -0.22	28.09 -2.30 -0.13
NGRID_A4_DSASP 323807	28.01 -1.47 0.00	27.04 -1.70 0.00	26.07 -1.84 0.00	26.02 -1.54 0.00	27.03 -1.33 0.00	29.84 -1.80 0.00	38.99 -2.71 0.00	44.18 -4.48 0.00	36.15 -2.68 0.00	31.16 -1.47 0.00	28.14 -1.33 0.00	27.92 -1.10 0.00	27.69 -1.12 0.00	28.37 -1.59 0.00	31.41 -1.83 0.00	37.00 -3.39 0.00	42.33 -4.81 0.00	49.61 -6.32 0.00	43.76 -5.35 -0.01	36.71 -4.52 -0.12	32.16 -3.56 -0.47	30.57 -2.89 -0.29	29.19 -2.93 -0.22	28.09 -2.30 -0.13
NIAGARA_115E_LBMP 323715	27.75 -1.74 0.00	26.78 -1.96 0.00	25.82 -2.09 0.00	25.77 -1.79 0.00	26.77 -1.59 0.00	29.58 -2.06 0.00	38.70 -3.00 0.00	43.74 -4.91 0.00	35.80 -3.03 0.00	30.84 -1.79 0.00	27.85 -1.62 0.00	27.60 -1.42 0.00	27.37 -1.44 0.00	28.08 -1.89 0.00	31.08 -2.16 0.00	36.64 -3.76 0.00	41.91 -5.23 0.00	49.11 -6.83 0.00	43.32 -5.79 -0.01	36.34 -4.89 -0.12	31.75 -3.98 -0.48	30.18 -3.28 -0.30	28.81 -3.32 -0.23	27.70 -2.69 -0.13
NIAGARA_115W_LBMP 323714	27.98 -1.50 0.00	27.01 -1.72 0.00	26.02 -1.90 0.00	25.99 -1.57 0.00	26.97 -1.39 0.00	29.80 -1.84 0.00	38.95 -2.75 0.00	44.13 -4.52 0.00	36.08 -2.76 0.00	31.13 -1.50 0.00	28.11 -1.36 0.00	27.86 -1.16 0.00	27.63 -1.18 0.00	28.34 -1.62 0.00	31.34 -1.89 0.00	36.96 -3.43 0.00	42.24 -4.90 0.00	49.50 -6.43 0.00	43.66 -5.45 -0.01	36.67 -4.57 -0.12	32.12 -3.60 -0.47	30.50 -2.95 -0.29	29.15 -2.97 -0.22	28.03 -2.36 -0.13
NIAGARA_230_LBMP 323716	28.04 -1.44 0.00	27.07 -1.67 0.00	26.10 -1.81 0.00	26.05 -1.52 0.00	27.05 -1.30 0.00	29.90 -1.74 0.00	39.03 -2.67 0.00	44.27 -4.38 0.00	36.19 -2.64 0.00	31.16 -1.47 0.00	28.17 -1.30 0.00	27.89 -1.13 0.00	27.66 -1.15 0.00	28.37 -1.59 0.00	31.41 -1.83 0.00	37.04 -3.35 0.00	42.43 -4.71 0.00	49.72 -6.21 0.00	43.86 -5.25 -0.01	36.83 -4.40 -0.11	32.21 -3.49 -0.45	30.59 -2.85 -0.28	29.21 -2.90 -0.21	28.09 -2.30 -0.13
NIAGARA___115KV_198_GIBSON 55903	27.75 -1.74 0.00	26.81 -1.93 0.00	26.02 -1.90 0.00	25.99 -1.57 0.00	26.97 -1.39 0.00	29.77 -1.87 0.00	38.82 -2.88 0.00	43.74 -4.91 0.00	36.08 -2.76 0.00	31.13 -1.50 0.00	27.88 -1.59 0.00	27.86 -1.16 0.00	27.52 -1.30 0.00	28.31 -1.65 0.00	31.34 -1.89 0.00	36.96 -3.43 0.00	42.24 -4.90 0.00	49.39 -6.54 0.00	43.66 -5.45 -0.01	36.67 -4.56 -0.12	32.12 -3.59 -0.47	30.50 -2.95 -0.29	29.12 -3.00 -0.22	28.03 -2.36 -0.13
NIAGARA___ 23760	28.04 -1.44 0.00	27.07 -1.67 0.00	26.10 -1.81 0.00	26.05 -1.52 0.00	27.05 -1.30 0.00	29.90 -1.74 0.00	39.03 -2.67 0.00	44.27 -4.38 0.00	36.19 -2.64 0.00	31.16 -1.47 0.00	28.17 -1.30 0.00	27.89 -1.13 0.00	27.66 -1.15 0.00	28.37 -1.59 0.00	31.41 -1.83 0.00	37.04 -3.35 0.00	42.43 -4.71 0.00	49.72 -6.21 0.00	43.86 -5.25 -0.01	36.83 -4.40 -0.12	32.22 -3.49 -0.46	30.60 -2.85 -0.29	29.22 -2.90 -0.22	28.09 -2.30 -0.13
NINE_MILE_1 23575	28.66 -0.83 0.00	27.93 -0.80 0.00	27.10 -0.81 0.00	26.79 -0.77 0.00	27.59 -0.76 0.00	30.72 -0.92 0.00	40.32 -1.38 0.00	46.90 -1.75 0.00	37.51 -1.32 0.00	31.58 -1.05 0.00	28.56 -0.91 0.00	28.15 -0.87 0.00	27.95 -0.86 0.00	29.00 -0.96 0.00	32.14 -1.10 0.00	38.98 -1.41 0.00	45.40 -1.74 0.00	53.86 -2.07 0.00	47.29 -1.82 0.00	39.66 -1.52 -0.06	34.20 -1.30 -0.26	32.16 -1.16 -0.16	31.03 -0.99 -0.12	29.41 -0.91 -0.06
NINE_MILE_2 23744	28.66 -0.83 0.00	27.93 -0.80 0.00	27.13 -0.78 0.00	26.79 -0.77 0.00	27.59 -0.76 0.00	30.72 -0.92 0.00	40.32 -1.38 0.00	46.95 -1.70 0.00	37.51 -1.32 0.00	31.58 -1.05 0.00	28.56 -0.91 0.00	28.15 -0.87 0.00	27.95 -0.86 0.00	29.00 -0.96 0.00	32.14 -1.10 0.00	38.98 -1.41 0.00	45.40 -1.74 0.00	53.86 -2.07 0.00	47.29 -1.82 0.00	39.66 -1.52 -0.06	34.20 -1.30 -0.26	32.16 -1.16 -0.16	31.03 -0.99 -0.12	29.41 -0.91 -0.06
NM_CAPITAL___DRP 24208	30.16 0.68 0.00	29.43 0.69 0.00	28.59 0.67 0.00	28.20 0.63 0.00	28.92 0.57 0.00	32.27 0.63 0.00	42.66 0.96 0.00	49.87 1.22 0.00	39.65 0.82 0.00	33.18 0.55 0.00	30.03 0.56 0.00	29.52 0.49 0.00	29.30 0.49 0.00	30.53 0.57 0.00	33.87 0.63 0.00	41.36 0.97 0.00	48.32 1.18 0.00	57.47 1.51 -0.04	50.49 1.33 -0.06	43.25 1.07 -1.07	40.63 0.95 -4.43	36.81 0.93 -2.72	34.75 0.80 -2.06	31.96 0.73 -0.98

NM_CENTRAL___DRP 24181	29.22 -0.27 0.00	28.45 -0.29 0.00	27.64 -0.28 0.00	27.29 -0.28 0.00	28.13 -0.23 0.00	31.36 -0.28 0.00	41.20 -0.50 0.00	47.97 -0.68 0.00	38.40 -0.43 0.00	32.37 -0.26 0.00	29.20 -0.27 0.00	28.79 -0.23 0.00	28.55 -0.26 0.00	29.63 -0.33 0.00	32.90 -0.33 0.00	39.83 -0.57 0.00	46.39 -0.75 0.00	54.98 -0.95 0.00	48.28 -0.83 -0.01	40.47 -0.74 -0.09	35.02 -0.60 -0.37	32.86 -0.53 -0.23	31.62 -0.45 -0.17	29.92 -0.42 -0.08
NM_FRONTIER___DRP 24179	27.75 -1.74 0.00	26.81 -1.93 0.00	26.02 -1.90 0.00	25.99 -1.57 0.00	26.97 -1.39 0.00	29.77 -1.87 0.00	38.82 -2.88 0.00	43.74 -4.91 0.00	36.08 -2.76 0.00	31.13 -1.50 0.00	27.88 -1.59 0.00	27.86 -1.16 0.00	27.52 -1.30 0.00	28.31 -1.65 0.00	31.34 -1.89 0.00	36.96 -3.43 0.00	42.24 -4.90 0.00	49.39 -6.54 0.00	43.66 -5.45 -0.01	36.67 -4.56 -0.12	32.12 -3.59 -0.47	30.50 -2.95 -0.29	29.12 -3.00 -0.22	28.03 -2.36 -0.13
NM_ST_REGIS___HYD 24053	26.92 -2.57 0.00	26.87 -1.87 0.00	26.24 -1.67 0.00	26.32 -1.24 0.00	27.28 -1.08 0.00	30.91 -0.73 0.00	41.53 -0.17 0.00	48.70 0.05 0.00	39.26 0.43 0.00	32.76 0.13 0.00	29.88 0.41 0.00	29.57 0.55 0.00	29.51 0.69 0.00	30.77 0.81 0.00	34.00 0.76 0.00	40.96 0.57 0.00	48.08 0.94 0.00	57.72 1.79 0.00	50.29 1.18 0.00	42.42 1.27 -0.03	36.12 0.78 -0.10	33.06 -0.17 -0.06	31.24 -0.70 -0.05	29.80 -0.48 -0.02
NORTHPORT___1 23551	31.67 2.18 0.00	30.72 1.98 0.00	29.79 1.87 0.00	29.19 1.63 0.00	29.86 1.50 0.00	33.00 1.36 0.00	43.95 2.25 0.00	51.38 2.72 0.00	41.35 2.52 0.00	34.46 1.83 0.00	31.53 2.06 0.00	30.88 1.86 0.00	30.48 1.67 0.00	32.03 2.07 0.00	35.80 2.56 0.00	43.75 3.35 -0.01	53.17 3.68 -2.35	65.71 4.14 -5.64	58.08 3.63 -5.34	51.84 3.29 -7.44	47.27 2.85 -9.17	44.11 2.92 -8.03	37.88 2.81 -3.17	33.71 2.57 -0.88
NORTHPORT___2 23552	31.67 2.18 0.00	30.72 1.98 0.00	29.79 1.87 0.00	29.19 1.63 0.00	29.86 1.50 0.00	33.00 1.36 0.00	43.95 2.25 0.00	51.38 2.72 0.00	41.35 2.52 0.00	34.46 1.83 0.00	31.53 2.06 0.00	30.88 1.86 0.00	30.48 1.67 0.00	32.03 2.07 0.00	35.80 2.56 0.00	43.75 3.35 -0.01	53.17 3.68 -2.35	65.71 4.14 -5.64	58.08 3.63 -5.34	51.84 3.29 -7.44	47.27 2.85 -9.17	44.11 2.92 -8.03	37.88 2.81 -3.17	33.71 2.57 -0.88
NORTHPORT___3 23553	31.87 2.39 0.00	30.89 2.16 0.00	29.95 2.04 0.00	29.38 1.82 0.00	30.09 1.73 0.00	33.32 1.68 0.00	44.37 2.67 0.00	52.06 3.40 0.00	41.75 2.91 0.00	34.85 2.22 0.00	31.83 2.36 0.00	31.17 2.15 0.00	30.83 2.02 0.00	32.33 2.37 0.00	36.09 2.86 0.00	44.08 3.68 -0.01	53.80 4.29 -2.37	66.54 4.92 -5.69	58.81 4.32 -5.38	52.43 3.82 -7.49	47.70 3.24 -9.21	44.39 3.15 -8.07	38.01 2.93 -3.18	33.86 2.72 -0.88
NORTHPORT___4 23650	31.87 2.39 0.00	30.89 2.16 0.00	29.95 2.04 0.00	29.38 1.82 0.00	30.09 1.73 0.00	33.32 1.68 0.00	44.37 2.67 0.00	52.06 3.40 0.00	41.75 2.91 0.00	34.85 2.22 0.00	31.83 2.36 0.00	31.17 2.15 0.00	30.83 2.02 0.00	32.33 2.37 0.00	36.09 2.86 0.00	44.08 3.68 -0.01	53.80 4.29 -2.37	66.54 4.92 -5.69	58.81 4.32 -5.38	52.43 3.82 -7.49	47.70 3.24 -9.21	44.39 3.15 -8.07	38.01 2.93 -3.18	33.86 2.72 -0.88
NORTHPORT___IC 23718	31.73 2.24 0.00	30.78 2.04 0.00	29.79 1.87 0.00	29.19 1.63 0.00	29.86 1.50 0.00	33.22 1.58 0.00	44.16 2.46 0.00	51.91 3.26 0.00	41.36 2.52 0.00	34.46 1.83 0.00	31.59 2.12 0.00	30.88 1.86 0.00	30.83 2.02 0.00	32.21 2.25 0.00	35.80 2.56 0.00	43.76 3.35 -0.01	53.16 3.68 -2.35	65.77 4.19 -5.64	58.12 3.68 -5.34	51.84 3.29 -7.44	47.27 2.85 -9.17	44.11 2.92 -8.03	37.91 2.84 -3.17	33.71 2.57 -0.88
NORTH___COUNTRY_ESR 323785	26.24 -3.24 0.00	26.09 -2.64 0.00	25.68 -2.23 0.00	25.77 -1.79 0.00	26.46 -1.90 0.00	30.31 -1.33 0.00	40.74 -0.96 0.00	47.73 -0.93 0.00	37.67 -1.16 0.00	31.65 -0.98 0.00	28.91 -0.56 0.00	28.68 -0.35 0.00	28.67 -0.14 0.00	29.99 0.03 0.00	33.24 0.00 0.00	40.03 -0.36 0.00	46.91 -0.23 0.00	56.15 0.22 0.00	48.91 -0.20 0.00	41.30 0.17 -0.02	35.15 -0.18 -0.08	32.35 -0.86 -0.05	30.69 -1.24 -0.04	29.31 -0.97 -0.02
NPX_GEN_1385_PROXY 323591	31.58 2.09 0.00	30.63 1.90 0.00	29.70 1.79 0.00	29.13 1.57 0.00	29.80 1.45 0.00	32.91 1.27 0.00	44.24 2.54 0.00	52.39 3.40 -0.33	41.63 2.80 0.00	34.36 1.73 0.00	31.44 1.97 0.00	30.79 1.77 0.00	30.20 1.38 0.00	32.00 2.04 0.00	35.73 2.49 0.00	43.84 3.43 -0.01	53.21 3.72 -2.35	65.60 4.03 -5.64	58.08 3.63 -5.34	51.84 3.29 -7.44	47.52 3.10 -9.17	44.04 2.85 -8.03	37.84 2.77 -3.17	33.62 2.48 -0.88
NPX_GEN_CSC 323557	32.05 2.56 0.00	31.12 2.38 0.00	30.18 2.26 0.00	29.58 2.01 0.00	30.03 1.67 0.00	32.56 0.92 0.00	43.12 1.42 0.00	50.65 2.00 0.00	40.50 1.67 0.00	33.64 1.01 0.00	31.50 2.03 0.00	30.82 1.80 0.00	30.46 1.64 0.00	31.79 1.83 0.00	35.33 2.10 0.00	43.72 3.31 -0.01	54.04 4.53 -2.38	66.50 4.86 -5.71	58.15 3.63 -5.41	52.49 3.86 -7.51	47.76 3.28 -9.23	44.51 3.25 -8.10	38.56 3.48 -3.19	34.38 3.24 -0.88
NSINS_S___GLNS_FALLS 23858	30.81 1.33 0.00	30.06 1.32 0.00	29.14 1.23 0.00	28.69 1.13 0.00	29.52 1.16 0.00	33.16 1.52 0.00	43.99 2.29 0.00	51.43 2.77 0.00	40.77 1.94 0.00	34.03 1.40 0.00	30.56 1.09 0.00	30.04 1.02 0.00	29.79 0.98 0.00	31.07 1.11 0.00	34.50 1.26 0.00	42.17 1.78 0.00	49.36 2.22 0.00	58.82 2.85 -0.04	51.67 2.50 -0.07	44.10 1.89 -1.09	41.37 1.59 -4.54	37.41 1.46 -2.79	35.41 1.40 -2.11	33.16 1.91 -1.00
NUCOR_STEEL___DRP 24197	29.57 0.09 0.00	28.79 0.06 0.00	27.97 0.06 0.00	27.65 0.08 0.00	28.50 0.14 0.00	31.80 0.16 0.00	41.82 0.13 0.00	48.65 0.00 0.00	38.99 0.16 0.00	32.86 0.23 0.00	29.59 0.12 0.00	29.20 0.17 0.00	28.93 0.12 0.00	30.02 0.06 0.00	33.34 0.10 0.00	40.35 -0.04 0.00	47.00 -0.14 0.00	55.71 -0.22 0.00	48.92 -0.20 -0.01	40.99 -0.25 -0.12	35.58 -0.18 -0.51	33.34 -0.13 -0.31	31.97 -0.16 -0.24	30.25 -0.12 -0.11
NUMBER_THREE_WT_PWR 323818	28.60 -0.88 0.00	28.08 -0.66 0.00	27.38 -0.53 0.00	27.15 -0.41 0.00	28.24 -0.11 0.00	31.80 0.16 0.00	42.36 0.67 0.00	49.77 1.12 0.00	39.49 0.66 0.00	32.96 0.33 0.00	29.73 0.26 0.00	29.25 0.23 0.00	29.04 0.23 0.00	30.20 0.24 0.00	33.53 0.30 0.00	40.80 0.40 0.00	47.94 0.80 0.00	57.16 1.23 0.00	50.19 1.08 0.00	42.06 0.90 -0.04	35.80 0.39 -0.17	33.10 -0.16 -0.10	31.60 -0.38 -0.08	29.78 -0.51 -0.04
NYISO_LBMP_REFERENCE 24008	29.48 0.00 0.00	28.74 0.00 0.00	27.92 0.00 0.00	27.56 0.00 0.00	28.36 0.00 0.00	31.64 0.00 0.00	41.70 0.00 0.00	48.65 0.00 0.00	38.83 0.00 0.00	32.63 0.00 0.00	29.47 0.00 0.00	29.02 0.00 0.00	28.81 0.00 0.00	29.96 0.00 0.00	33.24 0.00 0.00	40.39 0.00 0.00	47.14 0.00 0.00	55.93 0.00 0.00	49.11 0.00 0.00	41.12 0.00 0.00	35.24 0.00 0.00	33.16 0.00 0.00	31.90 0.00 0.00	30.26 0.00 0.00

NYPA_BRENTWD____GT 24164	31.99 2.50 0.00	31.04 2.30 0.00	30.06 2.15 0.00	29.49 1.93 0.00	30.17 1.82 0.00	33.32 1.68 0.00	44.41 2.71 0.00	52.01 3.35 0.00	41.75 2.91 0.00	34.78 2.15 0.00	31.86 2.39 0.00	31.17 2.15 0.00	30.80 1.99 0.00	32.33 2.37 0.00	36.16 2.93 0.00	44.24 3.84 -0.01	54.08 4.53 -2.41	66.86 5.14 -5.79	59.07 4.47 -5.50	52.71 3.99 -7.61	47.94 3.38 -9.31	44.69 3.35 -8.18	38.33 3.22 -3.21	34.10 2.97 -0.88
NYPA_GOWANUS____GT5 24156	31.79 2.30 -0.01	30.90 2.16 -0.01	29.99 2.07 -0.01	29.45 1.88 -0.01	30.18 1.82 -0.01	33.60 1.96 0.00	44.29 2.59 0.00	52.01 3.35 0.00	41.63 2.80 0.00	35.14 2.51 0.00	31.74 2.27 0.00	31.17 2.15 0.00	30.95 2.13 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.55 3.15 0.00	50.91 3.77 0.00	60.33 4.37 -0.03	53.09 3.93 -0.06	45.51 3.45 -0.94	41.94 2.78 -3.91	38.32 2.75 -2.40	36.33 2.62 -1.82	33.66 2.54 -0.86
NYPA_GOWANUS____GT6 24157	31.79 2.30 -0.01	30.90 2.16 -0.01	29.99 2.07 -0.01	29.45 1.88 -0.01	30.18 1.82 -0.01	33.60 1.96 0.00	44.29 2.59 0.00	52.01 3.35 0.00	41.63 2.80 0.00	35.14 2.51 0.00	31.74 2.27 0.00	31.17 2.15 0.00	30.95 2.13 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.55 3.15 0.00	50.91 3.77 0.00	60.33 4.37 -0.03	53.09 3.93 -0.06	45.51 3.45 -0.94	41.94 2.78 -3.91	38.32 2.75 -2.40	36.33 2.62 -1.82	33.66 2.54 -0.86
NYPA_HARLEM__RVR__GT1 24160	31.85 2.36 -0.01	30.96 2.21 -0.01	30.04 2.12 -0.01	29.58 2.01 -0.01	30.29 1.93 -0.01	33.54 1.90 0.00	43.98 2.29 0.01	51.66 3.02 0.01	41.47 2.64 0.01	35.00 2.38 0.01	31.61 2.15 0.01	31.05 2.03 0.01	30.82 2.02 0.01	32.14 2.19 0.01	35.62 2.39 0.01	43.33 2.95 0.01	50.57 3.44 0.01	59.87 3.91 -0.02	52.69 3.54 -0.05	45.22 3.17 -0.94	41.72 2.57 -3.90	38.08 2.52 -2.39	36.14 2.42 -1.82	33.63 2.51 -0.86
NYPA_HARLEM__RVR__GT2 24161	31.85 2.36 -0.01	30.96 2.21 -0.01	30.04 2.12 -0.01	29.58 2.01 -0.01	30.29 1.93 -0.01	33.54 1.90 0.00	43.98 2.29 0.01	51.66 3.02 0.01	41.47 2.64 0.01	35.00 2.38 0.01	31.61 2.15 0.01	31.05 2.03 0.01	30.82 2.02 0.01	32.14 2.19 0.01	35.62 2.39 0.01	43.33 2.95 0.01	50.57 3.44 0.01	59.87 3.91 -0.02	52.69 3.54 -0.05	45.22 3.17 -0.94	41.72 2.57 -3.90	38.08 2.52 -2.39	36.14 2.42 -1.82	33.63 2.51 -0.86
NYPA_KENT____GT 24152	31.79 2.30 -0.01	30.90 2.16 -0.01	29.99 2.07 -0.01	29.47 1.90 -0.01	30.18 1.82 -0.01	33.60 1.96 0.00	44.29 2.59 0.00	52.01 3.35 0.00	41.67 2.83 0.00	35.18 2.55 0.00	31.77 2.30 0.00	31.20 2.18 0.00	31.00 2.19 0.00	32.33 2.37 0.00	35.80 2.56 0.00	43.59 3.19 0.00	50.91 3.77 0.00	60.33 4.37 -0.03	53.09 3.93 -0.06	45.51 3.45 -0.94	41.97 2.82 -3.91	38.32 2.75 -2.40	36.30 2.58 -1.82	33.63 2.51 -0.86
NYPA_POUCH1____GT 24155	31.76 2.27 -0.01	30.84 2.10 -0.01	29.93 2.01 -0.01	29.39 1.82 -0.01	30.12 1.76 -0.01	33.54 1.90 0.00	44.20 2.50 0.00	51.86 3.21 0.00	41.51 2.68 0.00	35.04 2.41 0.00	31.62 2.15 0.00	31.05 2.03 0.00	30.83 2.02 0.00	32.18 2.22 0.00	35.66 2.42 0.00	43.43 3.03 0.00	50.82 3.68 0.00	60.21 4.25 -0.03	52.99 3.83 -0.06	45.43 3.37 -0.94	41.87 2.71 -3.91	38.25 2.68 -2.40	36.27 2.55 -1.82	33.60 2.48 -0.86
NYPA_VERNON____GT2 24162	31.76 2.27 -0.01	30.87 2.13 -0.01	29.99 2.07 -0.01	29.45 1.88 -0.01	30.18 1.82 -0.01	33.60 1.96 0.00	44.24 2.54 0.00	52.01 3.35 0.00	41.71 2.87 0.00	35.21 2.58 0.00	31.77 2.30 0.00	31.23 2.20 0.00	31.00 2.19 0.00	32.33 2.37 0.00	35.83 2.59 0.00	43.59 3.19 0.00	50.91 3.77 0.00	60.21 4.25 -0.03	53.04 3.88 -0.06	45.47 3.41 -0.94	41.94 2.78 -3.91	38.28 2.72 -2.40	36.27 2.55 -1.82	33.60 2.48 -0.86
NYPA_VERNON____GT3 24163	31.76 2.27 -0.01	30.87 2.13 -0.01	29.99 2.07 -0.01	29.45 1.88 -0.01	30.18 1.82 -0.01	33.60 1.96 0.00	44.24 2.54 0.00	52.01 3.35 0.00	41.71 2.87 0.00	35.21 2.58 0.00	31.77 2.30 0.00	31.23 2.20 0.00	31.00 2.19 0.00	32.33 2.37 0.00	35.83 2.59 0.00	43.59 3.19 0.00	50.91 3.77 0.00	60.21 4.25 -0.03	53.04 3.88 -0.06	45.47 3.41 -0.94	41.94 2.78 -3.91	38.28 2.72 -2.40	36.27 2.55 -1.82	33.60 2.48 -0.86
NYPA__ASTORIA_CC1 323568	31.79 2.30 -0.01	30.90 2.16 -0.01	29.99 2.07 -0.01	29.47 1.90 -0.01	30.18 1.82 -0.01	33.57 1.93 0.00	44.16 2.46 0.00	51.86 3.21 0.00	41.63 2.80 0.00	35.14 2.51 0.00	31.74 2.27 0.00	31.17 2.15 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.76 2.52 0.00	43.51 3.11 0.00	50.77 3.63 0.00	60.10 4.14 -0.03	52.89 3.73 -0.06	45.39 3.33 -0.94	41.87 2.71 -3.91	38.22 2.65 -2.40	36.23 2.52 -1.82	33.60 2.48 -0.86
NYPA__ASTORIA_CC2 323569	31.79 2.30 -0.01	30.90 2.16 -0.01	29.99 2.07 -0.01	29.47 1.90 -0.01	30.18 1.82 -0.01	33.57 1.93 0.00	44.16 2.46 0.00	51.86 3.21 0.00	41.63 2.80 0.00	35.14 2.51 0.00	31.74 2.27 0.00	31.17 2.15 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.76 2.52 0.00	43.51 3.11 0.00	50.77 3.63 0.00	60.10 4.14 -0.03	52.89 3.73 -0.06	45.39 3.33 -0.94	41.87 2.71 -3.91	38.22 2.65 -2.40	36.23 2.52 -1.82	33.60 2.48 -0.86
NYPA__HOLTSVILL 23794	31.84 2.36 0.00	30.92 2.18 0.00	29.98 2.07 0.00	29.38 1.82 0.00	30.03 1.67 0.00	33.03 1.39 0.00	43.95 2.25 0.00	51.52 2.87 0.00	41.32 2.49 0.00	34.39 1.76 0.00	31.62 2.15 0.00	30.94 1.92 0.00	30.57 1.76 0.00	32.06 2.10 0.00	35.80 2.56 0.00	43.92 3.51 -0.01	53.76 4.24 -2.37	66.38 4.75 -5.70	58.58 4.07 -5.40	52.40 3.78 -7.51	47.68 3.21 -9.23	44.40 3.15 -8.09	38.18 3.09 -3.19	34.01 2.88 -0.88
NYPA__HELLGATE_GT1 24158	31.91 2.42 -0.01	31.01 2.27 -0.01	30.10 2.18 -0.01	29.67 2.09 -0.01	30.38 2.01 -0.01	33.54 1.90 0.00	43.82 2.13 0.01	51.47 2.82 0.01	41.35 2.52 0.01	35.10 2.48 0.01	31.73 2.27 0.01	31.16 2.15 0.01	30.94 2.13 0.01	32.26 2.31 0.01	35.72 2.49 0.01	43.26 2.87 0.01	50.48 3.35 0.01	59.70 3.75 -0.02	52.59 3.44 -0.05	45.17 3.12 -0.94	41.68 2.54 -3.90	37.98 2.42 -2.39	36.14 2.42 -1.82	33.63 2.51 -0.86
NYPA__HELLGATE_GT2 24159	31.91 2.42 -0.01	31.01 2.27 -0.01	30.10 2.18 -0.01	29.67 2.09 -0.01	30.38 2.01 -0.01	33.54 1.90 0.00	43.82 2.13 0.01	51.47 2.82 0.01	41.35 2.52 0.01	35.10 2.48 0.01	31.73 2.27 0.01	31.16 2.15 0.01	30.94 2.13 0.01	32.26 2.31 0.01	35.72 2.49 0.01	43.26 2.87 0.01	50.48 3.35 0.01	59.70 3.75 -0.02	52.59 3.44 -0.05	45.17 3.12 -0.94	41.68 2.54 -3.90	37.98 2.42 -2.39	36.14 2.42 -1.82	33.63 2.51 -0.86
NYS_BARGE__HYD 23848	28.22 -1.27 0.00	27.24 -1.50 0.00	26.27 -1.65 0.00	26.24 -1.32 0.00	27.25 -1.11 0.00	30.12 -1.52 0.00	39.45 -2.25 0.00	45.10 -3.55 0.00	36.85 -1.98 0.00	31.68 -0.95 0.00	28.61 -0.86 0.00	28.36 -0.67 0.00	28.09 -0.72 0.00	28.85 -1.11 0.00	31.94 -1.30 0.00	37.77 -2.63 0.00	43.23 -3.91 0.00	50.73 -5.20 0.00	44.74 -4.37 -0.01	37.50 -3.74 -0.12	32.71 -3.03 -0.49	30.98 -2.49 -0.31	29.55 -2.58 -0.23	28.33 -2.06 -0.13

OAK ORCHARD___HYD 24046	28.63 -0.86 0.00	27.79 -0.95 0.00	26.85 -1.06 0.00	26.66 -0.91 0.00	27.62 -0.74 0.00	30.69 -0.95 0.00	40.32 -1.38 0.00	46.46 -2.19 0.00	37.55 -1.28 0.00	31.94 -0.69 0.00	28.82 -0.65 0.00	28.53 -0.49 0.00	28.30 -0.52 0.00	29.18 -0.78 0.00	32.41 -0.83 0.00	38.82 -1.58 0.00	44.78 -2.36 0.00	52.86 -3.08 0.00	46.56 -2.56 -0.01	39.14 -2.10 -0.12	34.12 -1.62 -0.50	32.21 -1.26 -0.31	30.76 -1.37 -0.23	29.34 -1.03 -0.11
OAKDALE___35_KV_LOAD 356122	29.84 0.35 0.00	29.00 0.26 0.00	28.17 0.25 0.00	27.84 0.28 0.00	28.70 0.34 0.00	32.02 0.38 0.00	42.20 0.50 0.00	49.04 0.39 0.00	39.38 0.54 0.00	33.25 0.62 0.00	29.94 0.47 0.00	29.52 0.49 0.00	29.27 0.46 0.00	30.35 0.39 0.00	33.70 0.47 0.00	40.72 0.32 0.00	47.47 0.33 0.00	56.22 0.28 -0.01	49.37 0.25 -0.02	41.56 0.12 -0.32	36.67 0.11 -1.32	34.04 0.07 -0.81	32.48 -0.03 -0.61	30.52 -0.03 -0.29
OCC_CHEM___DRP 24175	27.77 -1.71 0.00	26.87 -1.87 0.00	26.07 -1.84 0.00	26.02 -1.54 0.00	27.00 -1.36 0.00	29.84 -1.80 0.00	38.91 -2.79 0.00	43.79 -4.87 0.00	36.15 -2.68 0.00	31.16 -1.47 0.00	27.94 -1.53 0.00	27.92 -1.10 0.00	27.57 -1.24 0.00	28.37 -1.59 0.00	31.41 -1.83 0.00	37.00 -3.39 0.00	42.33 -4.81 0.00	49.50 -6.43 0.00	43.76 -5.35 -0.01	36.71 -4.52 -0.12	32.16 -3.56 -0.47	30.57 -2.89 -0.29	29.19 -2.93 -0.22	28.09 -2.30 -0.13
OH_GEN_PROXY 24063	28.07 -1.41 0.00	27.10 -1.64 0.00	26.13 -1.79 0.00	26.08 -1.49 0.00	27.05 -1.30 0.00	29.93 -1.71 0.00	39.11 -2.59 0.00	44.42 -4.23 0.00	36.27 -2.56 0.00	31.23 -1.40 0.00	28.23 -1.24 0.00	27.95 -1.07 0.00	27.72 -1.09 0.00	28.44 -1.53 0.00	31.47 -1.76 0.00	37.16 -3.23 0.00	42.57 -4.57 0.00	49.95 -5.98 0.00	44.06 -5.06 -0.01	36.96 -4.28 -0.12	32.30 -3.42 -0.47	30.67 -2.79 -0.29	29.28 -2.84 -0.22	28.12 -2.27 -0.13
OLIN_CORP_DRP 24177	27.57 -1.92 0.00	26.67 -2.07 0.00	25.88 -2.04 0.00	25.86 -1.71 0.00	26.83 -1.53 0.00	29.65 -1.99 0.00	38.65 -3.04 0.00	43.50 -5.16 0.00	35.88 -2.95 0.00	30.93 -1.70 0.00	27.70 -1.77 0.00	27.66 -1.36 0.00	27.34 -1.47 0.00	28.13 -1.83 0.00	31.14 -2.09 0.00	36.76 -3.64 0.00	42.00 -5.14 0.00	49.17 -6.77 0.00	43.42 -5.70 -0.01	36.47 -4.77 -0.12	31.85 -3.88 -0.49	30.28 -3.18 -0.30	28.91 -3.22 -0.23	27.79 -2.60 -0.13
OLIN_CORP_DSASP 323712	28.01 -1.47 0.00	27.04 -1.70 0.00	26.07 -1.84 0.00	26.02 -1.54 0.00	27.03 -1.33 0.00	29.84 -1.80 0.00	38.99 -2.71 0.00	44.18 -4.48 0.00	36.15 -2.68 0.00	31.16 -1.47 0.00	28.14 -1.33 0.00	27.92 -1.10 0.00	27.69 -1.12 0.00	28.37 -1.59 0.00	31.41 -1.83 0.00	37.00 -3.39 0.00	42.33 -4.81 0.00	49.61 -6.32 0.00	43.76 -5.35 -0.01	36.71 -4.52 -0.12	32.16 -3.56 -0.47	30.57 -2.89 -0.29	29.19 -2.93 -0.22	28.09 -2.30 -0.13
ONEIDA_HERK_LFGE 323681	29.51 0.03 0.00	28.88 0.14 0.00	28.11 0.20 0.00	27.78 0.22 0.00	28.75 0.40 0.00	32.24 0.60 0.00	42.78 1.08 0.00	50.16 1.51 0.00	39.88 1.05 0.00	33.38 0.75 0.00	30.09 0.62 0.00	29.60 0.58 0.00	29.39 0.58 0.00	30.56 0.60 0.00	33.94 0.70 0.00	41.28 0.89 0.00	48.41 1.27 0.00	57.55 1.62 0.00	50.53 1.42 0.00	42.30 1.15 -0.04	36.20 0.81 -0.15	33.68 0.43 -0.09	32.28 0.32 -0.07	30.47 0.18 -0.03
ONEIDA___115KV_TB4 55905	30.07 0.59 0.00	29.37 0.63 0.00	28.56 0.64 0.00	28.20 0.63 0.00	29.12 0.77 0.00	32.59 0.95 0.00	43.12 1.42 0.00	50.45 1.80 0.00	40.19 1.36 0.00	33.67 1.04 0.00	30.35 0.88 0.00	29.86 0.84 0.00	29.62 0.81 0.00	30.80 0.84 0.00	34.20 0.96 0.00	41.53 1.13 0.00	48.65 1.51 0.00	57.72 1.79 0.00	50.68 1.57 0.00	42.41 1.23 -0.06	36.52 1.02 -0.25	34.08 0.76 -0.15	32.68 0.67 -0.12	30.89 0.57 -0.06
ONONDAGA_REF_OCCRA 23987	29.37 -0.12 0.00	28.56 -0.17 0.00	27.75 -0.17 0.00	27.40 -0.17 0.00	28.24 -0.11 0.00	31.51 -0.13 0.00	41.45 -0.25 0.00	48.26 -0.39 0.00	38.64 -0.19 0.00	32.56 -0.07 0.00	29.35 -0.12 0.00	28.94 -0.09 0.00	28.70 -0.12 0.00	29.78 -0.18 0.00	33.07 -0.17 0.00	40.03 -0.36 0.00	46.67 -0.47 0.00	55.32 -0.62 0.00	48.57 -0.54 -0.01	40.73 -0.49 -0.11	35.32 -0.39 -0.46	33.08 -0.36 -0.28	31.79 -0.32 -0.21	30.06 -0.30 -0.10
ONONDAGA___COGEN 23986	29.40 -0.09 0.00	28.62 -0.11 0.00	27.80 -0.11 0.00	27.45 -0.11 0.00	28.30 -0.06 0.00	31.55 -0.09 0.00	41.49 -0.21 0.00	48.31 -0.34 0.00	38.68 -0.16 0.00	32.56 -0.07 0.00	29.38 -0.09 0.00	28.96 -0.06 0.00	28.73 -0.09 0.00	29.81 -0.15 0.00	33.10 -0.13 0.00	40.07 -0.32 0.00	46.67 -0.47 0.00	55.32 -0.62 0.00	48.57 -0.54 -0.01	40.73 -0.49 -0.10	35.28 -0.39 -0.43	33.09 -0.33 -0.26	31.81 -0.29 -0.20	30.08 -0.27 -0.09
ONTARIO___LFGE 23819	29.54 0.06 0.00	28.71 -0.03 0.00	27.83 -0.08 0.00	27.54 -0.03 0.00	28.53 0.17 0.00	31.83 0.19 0.00	42.03 0.33 0.00	48.56 -0.10 0.00	39.11 0.27 0.00	33.12 0.49 0.00	29.79 0.32 0.00	29.37 0.35 0.00	29.10 0.29 0.00	30.08 0.12 0.00	33.40 0.17 0.00	40.15 -0.24 0.00	46.48 -0.66 0.00	54.98 -0.95 0.00	48.33 -0.79 -0.01	40.60 -0.66 -0.14	35.30 -0.53 -0.58	33.02 -0.50 -0.36	31.47 -0.70 -0.27	29.75 -0.64 -0.13
ORANGEVILLE_WT_PWR 323706	28.86 -0.62 0.00	27.96 -0.77 0.00	27.02 -0.89 0.00	26.90 -0.66 0.00	27.93 -0.42 0.00	30.97 -0.67 0.00	40.61 -1.08 0.00	46.46 -2.19 0.00	37.79 -1.05 0.00	32.37 -0.26 0.00	29.18 -0.29 0.00	28.85 -0.17 0.00	28.61 -0.20 0.00	29.39 -0.57 0.00	32.57 -0.66 0.00	38.66 -1.74 0.00	44.45 -2.69 0.00	52.19 -3.75 -0.01	45.83 -3.29 -0.01	38.27 -3.00 -0.16	33.41 -2.47 -0.64	31.33 -2.22 -0.39	29.84 -2.36 -0.30	28.36 -2.06 -0.16
ORANGEVILLE___ESR 323794	28.86 -0.62 0.00	27.96 -0.77 0.00	27.02 -0.89 0.00	26.90 -0.66 0.00	27.93 -0.42 0.00	30.97 -0.67 0.00	40.61 -1.08 0.00	46.46 -2.19 0.00	37.79 -1.05 0.00	32.37 -0.26 0.00	29.18 -0.29 0.00	28.85 -0.17 0.00	28.61 -0.20 0.00	29.39 -0.57 0.00	32.57 -0.66 0.00	38.66 -1.74 0.00	44.45 -2.69 0.00	52.19 -3.75 -0.01	45.83 -3.29 -0.01	38.27 -3.00 -0.16	33.41 -2.47 -0.64	31.33 -2.22 -0.39	29.84 -2.36 -0.30	28.36 -2.06 -0.16
OSWEGATCHIE___HYD 24044	27.60 -1.89 0.00	27.21 -1.52 0.00	26.63 -1.28 0.00	26.55 -1.02 0.00	27.42 -0.94 0.00	31.13 -0.51 0.00	41.62 -0.08 0.00	48.90 0.24 0.00	38.83 0.00 0.00	32.40 -0.23 0.00	29.38 -0.09 0.00	28.96 -0.06 0.00	28.84 0.03 0.00	30.05 0.09 0.00	33.30 0.07 0.00	40.31 -0.08 0.00	47.33 0.19 0.00	56.66 0.73 0.00	49.55 0.44 0.00	41.68 0.53 -0.03	35.53 0.14 -0.14	32.69 -0.56 -0.09	31.11 -0.86 -0.07	29.47 -0.82 -0.03
OSWEGO___5 23606	28.92 -0.56 0.00	28.16 -0.57 0.00	27.36 -0.56 0.00	27.01 -0.55 0.00	27.85 -0.51 0.00	31.01 -0.63 0.00	40.74 -0.96 0.00	47.44 -1.21 0.00	37.94 -0.89 0.00	31.94 -0.69 0.00	28.85 -0.62 0.00	28.44 -0.58 0.00	28.24 -0.58 0.00	29.30 -0.66 0.00	32.47 -0.76 0.00	39.34 -1.05 0.00	45.77 -1.37 0.00	54.25 -1.68 0.00	47.68 -1.43 0.00	39.96 -1.23 -0.08	34.54 -1.02 -0.32	32.46 -0.89 -0.20	31.25 -0.80 -0.15	29.60 -0.73 -0.07

OSWEGO___6 23613	28.92 -0.56 0.00	28.16 -0.57 0.00	27.36 -0.56 0.00	27.01 -0.55 0.00	27.85 -0.51 0.00	31.01 -0.63 0.00	40.74 -0.96 0.00	47.44 -1.21 0.00	37.94 -0.89 0.00	31.94 -0.69 0.00	28.85 -0.62 0.00	28.44 -0.58 0.00	28.24 -0.58 0.00	29.30 -0.66 0.00	32.47 -0.76 0.00	39.34 -1.05 0.00	45.77 -1.37 0.00	54.25 -1.68 0.00	47.68 -1.43 0.00	39.96 -1.23 -0.08	34.54 -1.02 -0.32	32.46 -0.89 -0.20	31.25 -0.80 -0.15	29.60 -0.73 -0.07
OUTOKUMPU-AB___DRP 24206	28.36 -1.12 0.00	27.41 -1.32 0.00	26.60 -1.31 0.00	26.60 -0.96 0.00	27.59 -0.77 0.00	30.50 -1.14 0.00	39.91 -1.79 0.00	45.15 -3.50 0.00	37.24 -1.59 0.00	32.04 -0.59 0.00	28.70 -0.77 0.00	28.67 -0.35 0.00	28.32 -0.49 0.00	29.18 -0.78 0.00	32.31 -0.93 0.00	38.13 -2.26 0.00	43.65 -3.49 0.00	51.07 -4.87 0.00	45.09 -4.03 -0.01	37.75 -3.49 -0.12	32.96 -2.78 -0.50	31.15 -2.32 -0.31	29.71 -2.42 -0.23	28.46 -1.94 -0.13
OXBOW___BTM 323836	28.33 -1.15 0.00	27.36 -1.38 0.00	26.38 -1.54 0.00	26.35 -1.21 0.00	27.36 -0.99 0.00	30.25 -1.39 0.00	39.57 -2.13 0.00	44.95 -3.70 0.00	36.77 -2.06 0.00	31.68 -0.95 0.00	28.61 -0.86 0.00	28.36 -0.67 0.00	28.12 -0.69 0.00	28.85 -1.11 0.00	31.94 -1.30 0.00	37.69 -2.71 0.00	43.09 -4.05 0.00	50.51 -5.42 0.00	44.55 -4.57 -0.01	37.29 -3.95 -0.12	32.63 -3.10 -0.48	30.91 -2.55 -0.30	29.51 -2.61 -0.23	28.30 -2.09 -0.13
OXBOW____ 24026	28.10 -1.39 0.00	27.19 -1.55 0.00	26.38 -1.54 0.00	26.35 -1.21 0.00	27.34 -1.02 0.00	30.22 -1.42 0.00	39.49 -2.21 0.00	44.57 -4.09 0.00	36.77 -2.06 0.00	31.68 -0.95 0.00	28.38 -1.09 0.00	28.35 -0.67 0.00	28.01 -0.81 0.00	28.85 -1.11 0.00	31.94 -1.30 0.00	37.65 -2.75 0.00	43.09 -4.05 0.00	50.40 -5.54 0.00	44.50 -4.62 -0.01	37.29 -3.95 -0.12	32.63 -3.10 -0.48	30.91 -2.55 -0.30	29.48 -2.65 -0.23	28.30 -2.09 -0.13
OXY_CHEM_DSASP 323612	27.77 -1.71 0.00	26.87 -1.87 0.00	26.07 -1.84 0.00	26.02 -1.54 0.00	27.00 -1.36 0.00	29.84 -1.80 0.00	38.91 -2.79 0.00	43.79 -4.87 0.00	36.15 -2.68 0.00	31.16 -1.47 0.00	27.94 -1.53 0.00	27.92 -1.10 0.00	27.57 -1.24 0.00	28.37 -1.59 0.00	31.41 -1.83 0.00	37.00 -3.39 0.00	42.33 -4.81 0.00	49.50 -6.43 0.00	43.76 -5.35 -0.01	36.71 -4.52 -0.12	32.16 -3.56 -0.47	30.57 -2.89 -0.29	29.19 -2.93 -0.22	28.09 -2.30 -0.13
OZONE_PARK_ESR 323760	31.84 2.36 0.00	30.92 2.18 0.00	30.01 2.09 0.00	29.44 1.87 0.00	30.14 1.79 0.00	33.70 2.06 0.00	44.66 2.96 0.00	52.59 3.94 0.00	42.02 3.18 0.00	35.44 2.81 0.00	32.03 2.56 0.00	31.40 2.38 0.00	31.23 2.42 0.00	32.57 2.61 0.00	36.06 2.83 0.00	43.87 3.47 0.00	51.34 4.20 0.00	60.83 4.87 -0.03	53.53 4.37 -0.06	45.80 3.74 -0.94	42.25 3.10 -3.91	38.55 2.98 -2.40	36.46 2.74 -1.82	33.66 2.54 -0.86
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	27.77 -1.71 0.00	26.87 -1.87 0.00	26.07 -1.84 0.00	26.02 -1.54 0.00	27.00 -1.36 0.00	29.84 -1.80 0.00	38.91 -2.79 0.00	43.79 -4.87 0.00	36.15 -2.68 0.00	31.16 -1.47 0.00	27.94 -1.53 0.00	27.92 -1.10 0.00	27.57 -1.24 0.00	28.37 -1.59 0.00	31.41 -1.83 0.00	37.00 -3.39 0.00	42.33 -4.81 0.00	49.50 -6.43 0.00	43.76 -5.35 -0.01	36.71 -4.52 -0.12	32.16 -3.56 -0.47	30.57 -2.89 -0.29	29.19 -2.93 -0.22	28.09 -2.30 -0.13
PACKARD__115KV_DUPONT_184 80571	27.77 -1.71 0.00	26.87 -1.87 0.00	26.07 -1.84 0.00	26.02 -1.54 0.00	27.00 -1.36 0.00	29.84 -1.80 0.00	38.91 -2.79 0.00	43.79 -4.87 0.00	36.15 -2.68 0.00	31.16 -1.47 0.00	27.94 -1.53 0.00	27.92 -1.10 0.00	27.57 -1.24 0.00	28.37 -1.59 0.00	31.41 -1.83 0.00	37.00 -3.39 0.00	42.33 -4.81 0.00	49.50 -6.43 0.00	43.76 -5.35 -0.01	36.71 -4.52 -0.12	32.16 -3.56 -0.47	30.57 -2.89 -0.29	29.19 -2.93 -0.22	28.09 -2.30 -0.13
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	31.88 2.39 -0.01	30.96 2.21 -0.01	30.04 2.12 -0.01	29.58 2.01 -0.01	30.27 1.90 -0.01	33.57 1.93 0.00	43.99 2.29 0.00	51.77 3.11 0.00	41.43 2.60 0.00	34.98 2.35 0.00	31.65 2.18 0.00	31.02 2.00 0.00	30.86 2.05 0.00	32.15 2.19 0.00	35.60 2.36 0.00	43.30 2.91 0.00	50.58 3.44 0.00	59.82 3.86 -0.03	52.70 3.54 -0.06	45.18 3.12 -0.94	41.73 2.57 -3.91	38.08 2.52 -2.40	36.14 2.42 -1.82	33.60 2.48 -0.86
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	32.06 2.57 -0.01	31.13 2.39 -0.01	30.24 2.32 -0.01	29.75 2.18 -0.01	30.44 2.07 -0.01	33.76 2.12 0.00	44.24 2.54 0.00	52.01 3.36 0.00	41.67 2.83 0.00	35.14 2.51 0.00	31.77 2.30 0.00	31.17 2.15 0.00	30.97 2.16 0.00	32.30 2.34 0.00	35.73 2.49 0.00	43.46 3.07 0.00	50.77 3.63 0.00	60.04 4.08 -0.03	52.89 3.73 -0.06	45.39 3.33 -0.94	41.87 2.71 -3.91	38.25 2.69 -2.40	36.30 2.58 -1.82	33.78 2.66 -0.86
PATROON__115KV_TB1 80586	30.13 0.65 0.00	29.43 0.69 0.00	28.59 0.67 0.00	28.20 0.63 0.00	28.92 0.57 0.00	32.27 0.63 0.00	42.66 0.96 0.00	49.87 1.22 0.00	39.65 0.82 0.00	33.18 0.55 0.00	30.03 0.56 0.00	29.54 0.52 0.00	29.33 0.52 0.00	30.53 0.57 0.00	33.90 0.66 0.00	41.36 0.97 0.00	48.32 1.18 0.00	57.53 1.57 -0.04	50.54 1.37 -0.06	43.26 1.07 -1.07	40.65 0.95 -4.45	36.79 0.90 -2.74	34.73 0.77 -2.07	31.94 0.70 -0.98
PATTRSNVILLE__SOLAR 323815	30.49 1.00 0.00	29.71 0.98 0.00	28.84 0.92 0.00	28.42 0.86 0.00	29.24 0.88 0.00	32.75 1.11 0.00	43.37 1.67 0.00	50.60 1.95 0.00	40.19 1.36 0.00	33.54 0.91 0.00	30.12 0.65 0.00	29.60 0.58 0.00	29.36 0.55 0.00	30.62 0.66 0.00	34.13 0.90 0.00	41.77 1.37 0.00	48.93 1.79 0.00	58.26 2.29 -0.04	51.19 2.01 -0.07	43.88 1.65 -1.12	41.26 1.37 -4.65	37.31 1.29 -2.86	35.17 1.12 -2.16	32.34 1.06 -1.02
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	28.95 -0.53 0.00	27.93 -0.80 0.00	27.13 -0.78 0.00	27.12 -0.44 0.00	28.13 -0.23 0.00	31.13 -0.51 0.00	40.82 -0.88 0.00	46.17 -2.48 0.00	37.98 -0.85 0.00	32.63 0.00 0.00	29.29 -0.18 0.00	29.17 0.15 0.00	28.81 0.00 0.00	29.66 -0.30 0.00	32.80 -0.43 0.00	38.82 -1.58 0.00	44.59 -2.55 0.00	52.35 -3.58 -0.01	46.07 -3.04 -0.01	38.13 -3.12 -0.14	33.08 -2.71 -0.55	30.78 -2.72 -0.34	29.32 -2.84 -0.26	27.74 -2.66 -0.15
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	31.52 2.03 0.00	30.63 1.90 0.00	29.73 1.81 0.00	29.25 1.68 0.00	29.97 1.62 0.00	33.54 1.90 0.00	44.49 2.79 0.00	52.40 3.75 0.00	41.67 2.83 0.00	34.95 2.32 0.00	31.47 2.00 0.00	30.85 1.83 0.00	30.69 1.87 0.00	32.03 2.07 0.00	35.63 2.39 0.00	43.51 3.11 0.00	50.86 3.72 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.39 3.33 -0.95	41.99 2.82 -3.93	38.20 2.62 -2.41	36.05 2.33 -1.83	33.24 2.12 -0.87
PEEKSKILL____ 23653	31.28 1.80 0.00	30.40 1.67 0.00	29.53 1.62 0.00	29.05 1.49 0.00	29.80 1.45 0.00	33.22 1.58 0.00	44.03 2.33 0.00	51.77 3.12 0.00	41.32 2.49 0.00	34.78 2.15 0.00	31.38 1.91 0.00	30.82 1.80 0.00	30.60 1.79 0.00	31.91 1.95 0.00	35.40 2.16 0.00	43.14 2.75 0.00	50.49 3.35 0.00	59.93 3.97 -0.03	52.70 3.54 -0.06	45.05 3.00 -0.94	41.64 2.50 -3.89	37.94 2.39 -2.39	35.84 2.14 -1.81	33.08 1.97 -0.86

PGE MADISON___WINDPWR 24146	31.72 2.24 0.00	31.04 2.30 0.00	30.15 2.23 0.00	29.74 2.18 0.00	30.82 2.47 0.00	34.58 2.94 0.00	46.04 4.34 0.00	54.10 5.45 0.00	42.87 4.04 0.00	35.79 3.16 0.00	32.09 2.62 0.00	31.49 2.47 0.00	31.26 2.45 0.00	32.48 2.52 0.00	36.19 2.96 0.00	43.95 3.56 0.00	51.71 4.57 0.00	61.42 5.48 -0.01	53.84 4.71 -0.02	45.12 3.66 -0.35	39.82 3.14 -1.44	36.50 2.45 -0.89	34.74 2.17 -0.67	32.39 1.82 -0.32
PIERCEFIELD___HYD 23852	27.04 -2.45 0.00	26.98 -1.75 0.00	26.35 -1.56 0.00	26.41 -1.16 0.00	27.36 -0.99 0.00	31.01 -0.63 0.00	41.62 -0.08 0.00	48.80 0.15 0.00	38.79 -0.04 0.00	32.40 -0.23 0.00	29.56 0.09 0.00	29.23 0.20 0.00	29.19 0.37 0.00	30.44 0.48 0.00	33.67 0.43 0.00	40.56 0.16 0.00	47.56 0.42 0.00	57.05 1.12 0.00	49.75 0.64 0.00	41.96 0.82 -0.03	35.74 0.39 -0.11	32.76 -0.46 -0.07	31.02 -0.93 -0.05	29.59 -0.70 -0.02
PINELAWN_CC_1 323563	31.84 2.36 0.00	30.89 2.16 0.00	29.95 2.04 0.00	29.36 1.79 0.00	30.06 1.70 0.00	33.25 1.61 0.00	44.33 2.63 0.00	52.01 3.35 0.00	41.71 2.87 0.00	34.75 2.12 0.00	31.77 2.30 0.00	31.08 2.06 0.00	30.74 1.93 0.00	32.24 2.28 0.00	36.06 2.82 0.00	44.08 3.68 -0.01	54.01 4.29 -2.58	67.11 4.98 -6.21	59.43 4.37 -5.95	53.03 3.82 -8.09	48.18 3.24 -9.69	44.93 3.18 -8.59	38.20 3.00 -3.31	33.89 2.75 -0.88
PJM_GEN_HTP_PROXY 323702	31.52 2.03 0.00	30.66 1.93 0.00	29.76 1.84 0.00	29.25 1.68 0.00	29.94 1.59 0.00	33.41 1.77 0.00	44.24 2.54 0.00	52.11 3.45 0.00	41.67 2.83 0.00	35.08 2.45 0.00	31.68 2.21 0.00	31.11 2.09 0.00	30.92 2.10 0.00	32.24 2.28 0.00	35.73 2.49 0.00	43.51 3.11 0.00	50.91 3.77 0.00	60.27 4.31 -0.03	53.04 3.88 -0.06	45.39 3.33 -0.94	41.94 2.78 -3.91	38.22 2.65 -2.40	36.14 2.42 -1.82	33.39 2.27 -0.86
PJM_GEN_KEystone 24065	29.93 0.44 0.00	29.02 0.29 0.00	28.11 0.20 0.00	27.84 0.28 0.00	28.67 0.31 0.00	31.86 0.22 0.00	42.03 0.33 0.00	48.75 0.10 0.00	39.26 0.43 0.00	33.32 0.69 0.00	30.12 0.65 0.00	29.66 0.64 0.00	29.42 0.61 0.00	30.44 0.48 0.00	33.70 0.47 0.00	40.60 0.20 0.00	47.28 0.14 0.00	55.95 0.00 -0.02	49.14 0.00 -0.03	41.61 -0.08 -0.58	37.56 -0.07 -2.38	34.59 -0.03 -1.46	32.82 -0.19 -1.11	30.64 -0.15 -0.53
PJM_GEN_NEPTUNE_PROXY 323594	31.52 2.03 0.00	30.58 1.84 0.00	29.65 1.73 0.00	29.11 1.54 0.00	29.80 1.45 0.00	33.00 1.36 0.00	43.91 2.21 0.00	51.57 2.92 0.00	41.32 2.49 0.00	34.52 1.89 0.00	31.50 2.03 0.00	30.85 1.83 0.00	30.51 1.70 0.00	32.00 2.04 0.00	35.73 2.49 0.00	43.59 3.19 -0.01	52.90 3.68 -2.08	65.15 4.20 -5.03	57.83 3.68 -5.04	51.13 3.29 -6.72	46.61 2.78 -8.58	43.28 2.72 -7.40	37.47 2.55 -3.02	33.46 2.33 -0.87
PJM_GEN_VFT_PROXY 323633	31.49 2.01 0.00	30.63 1.90 0.00	29.73 1.81 0.00	29.22 1.65 0.00	29.92 1.56 0.00	33.35 1.71 0.00	44.16 2.46 0.00	52.01 3.35 0.00	41.63 2.80 0.00	35.08 2.45 0.00	31.68 2.21 0.00	31.14 2.12 0.00	30.92 2.10 0.00	32.24 2.28 0.00	35.70 2.46 0.00	43.46 3.07 0.00	50.86 3.72 0.00	60.21 4.25 -0.03	52.99 3.83 -0.06	45.39 3.33 -0.94	41.90 2.75 -3.91	38.18 2.62 -2.40	36.14 2.42 -1.82	33.36 2.24 -0.86
PLATSBURG_115KV_PMLD1 355749	26.60 -2.89 0.00	26.64 -2.10 0.00	25.99 -1.93 0.00	26.10 -1.46 0.00	27.08 -1.28 0.00	30.72 -0.92 0.00	41.32 -0.38 0.00	48.46 -0.19 0.00	38.29 -0.54 0.00	32.17 -0.46 0.00	29.41 -0.06 0.00	29.20 0.17 0.00	29.19 0.37 0.00	30.53 0.57 0.00	33.80 0.57 0.00	40.76 0.36 0.00	47.75 0.61 0.00	57.16 1.23 0.00	49.79 0.69 0.00	42.04 0.90 -0.02	35.78 0.46 -0.08	32.91 -0.30 -0.05	31.14 -0.80 -0.04	29.76 -0.51 -0.02
PLEASANTVLY___LBMP 24000	31.14 1.65 0.00	30.26 1.52 0.00	29.37 1.45 0.00	28.92 1.35 0.00	29.63 1.28 0.00	33.10 1.46 0.00	43.83 2.13 0.00	51.48 2.82 0.00	41.01 2.17 0.00	34.46 1.83 0.00	31.12 1.65 0.00	30.53 1.51 0.00	30.37 1.56 0.00	31.64 1.68 0.00	35.10 1.86 0.00	42.82 2.42 0.00	50.11 2.97 0.00	59.43 3.47 -0.03	52.26 3.09 -0.06	44.71 2.63 -0.96	41.46 2.22 -3.99	37.74 2.12 -2.45	35.67 1.91 -1.85	32.86 1.72 -0.88
PLSNTVLE_13_KV_13.8KVDIST 80602	31.43 1.95 0.00	30.52 1.78 0.00	29.62 1.70 0.00	29.14 1.57 0.00	29.83 1.47 0.00	33.35 1.71 0.00	44.20 2.50 0.00	52.01 3.36 0.00	41.47 2.64 0.00	34.88 2.25 0.00	31.50 2.03 0.00	30.91 1.89 0.00	30.74 1.93 0.00	32.06 2.10 0.00	35.53 2.29 0.00	43.30 2.91 0.00	50.63 3.49 0.00	60.10 4.14 -0.03	52.84 3.68 -0.06	45.19 3.12 -0.95	41.78 2.61 -3.92	38.06 2.49 -2.41	35.99 2.26 -1.82	33.18 2.06 -0.87
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	31.43 1.95 0.00	30.52 1.78 0.00	29.62 1.70 0.00	29.14 1.57 0.00	29.83 1.47 0.00	33.35 1.71 0.00	44.20 2.50 0.00	52.01 3.36 0.00	41.47 2.64 0.00	34.88 2.25 0.00	31.50 2.03 0.00	30.91 1.89 0.00	30.74 1.93 0.00	32.06 2.10 0.00	35.53 2.29 0.00	43.30 2.91 0.00	50.63 3.49 0.00	60.10 4.14 -0.03	52.84 3.68 -0.06	45.19 3.12 -0.95	41.78 2.61 -3.92	38.06 2.49 -2.41	35.99 2.26 -1.82	33.18 2.06 -0.87
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	31.28 1.80 0.00	30.40 1.67 0.00	29.53 1.62 0.00	29.05 1.49 0.00	29.80 1.45 0.00	33.25 1.61 0.00	44.12 2.42 0.00	51.82 3.16 0.00	41.28 2.45 0.00	34.62 1.99 0.00	31.21 1.74 0.00	30.59 1.57 0.00	30.43 1.61 0.00	31.73 1.77 0.00	35.23 1.99 0.00	43.06 2.67 0.00	50.35 3.21 0.00	59.82 3.86 -0.03	52.60 3.44 -0.06	44.95 2.88 -0.95	41.63 2.43 -3.95	37.84 2.26 -2.43	35.71 1.98 -1.84	33.01 1.88 -0.87
POLETTI___ 23519	31.64 2.15 0.00	30.72 1.98 0.00	29.81 1.90 0.00	29.27 1.71 0.00	29.97 1.62 0.00	33.41 1.77 0.00	37.62 2.50 6.58	40.74 3.41 11.32	38.58 2.76 3.01	35.03 2.41 0.02	31.71 2.24 0.00	31.11 2.09 0.00	30.95 2.13 0.00	32.24 2.28 0.00	35.70 2.46 0.00	41.78 3.03 1.64	44.84 3.68 5.98	45.20 4.25 14.98	41.00 3.78 11.89	40.33 3.29 4.08	41.62 2.71 -3.66	38.17 2.62 -2.39	36.17 2.46 -1.82	33.48 2.36 -0.86
POMONA___ESR 323819	31.28 1.80 0.00	30.40 1.67 0.00	29.53 1.62 0.00	29.05 1.49 0.00	29.80 1.45 0.00	33.22 1.58 0.00	44.03 2.33 0.00	51.72 3.07 0.00	41.32 2.49 0.00	34.75 2.12 0.00	31.38 1.91 0.00	30.82 1.80 0.00	30.60 1.79 0.00	31.88 1.92 0.00	35.36 2.13 0.00	43.14 2.75 0.00	50.49 3.35 0.00	59.93 3.97 -0.03	52.65 3.49 -0.06	45.04 3.00 -0.93	41.59 2.50 -3.84	37.88 2.35 -2.36	35.79 2.10 -1.78	33.04 1.94 -0.85
PORT_JEFF_3 23555	31.99 2.50 0.00	31.04 2.30 0.00	30.09 2.18 0.00	29.49 1.93 0.00	30.15 1.79 0.00	33.13 1.49 0.00	44.12 2.42 0.00	51.77 3.12 0.00	41.47 2.64 0.00	34.52 1.89 0.00	31.74 2.27 0.00	31.05 2.03 0.00	30.69 1.87 0.00	32.18 2.22 0.00	35.96 2.73 0.00	44.12 3.71 -0.01	54.04 4.53 -2.38	66.68 5.04 -5.71	58.89 4.37 -5.41	52.62 3.99 -7.52	47.86 3.38 -9.24	44.58 3.32 -8.10	38.34 3.26 -3.19	34.13 3.00 -0.88

PORT_JEFF_4 23616	31.99 2.50 0.00	31.04 2.30 0.00	30.09 2.18 0.00	29.49 1.93 0.00	30.15 1.79 0.00	33.13 1.49 0.00	44.12 2.42 0.00	51.77 3.12 0.00	41.47 2.64 0.00	34.52 1.89 0.00	31.74 2.27 0.00	31.05 2.03 0.00	30.69 1.87 0.00	32.18 2.22 0.00	35.96 2.73 0.00	44.12 3.71 -0.01	54.04 4.53 -2.38	66.68 5.04 -5.71	58.89 4.37 -5.41	52.62 3.99 -7.52	47.86 3.38 -9.24	44.58 3.32 -8.10	38.34 3.26 -3.19	34.13 3.00 -0.88
PORT_JEFF_IC 23713	32.08 2.59 0.00	31.12 2.39 0.00	30.12 2.21 0.00	29.55 1.98 0.00	30.14 1.79 0.00	33.48 1.84 0.00	44.33 2.63 0.00	52.25 3.60 0.00	41.51 2.68 0.00	34.52 1.89 0.00	31.83 2.36 0.00	31.08 2.06 0.00	31.12 2.31 0.00	32.45 2.49 0.00	35.99 2.76 0.00	44.16 3.76 -0.01	54.14 4.62 -2.38	66.69 5.03 -5.73	59.10 4.57 -5.43	52.72 4.07 -7.54	47.95 3.45 -9.25	44.63 3.35 -8.11	38.41 3.32 -3.19	34.19 3.06 -0.88
PPL PILGRIM_ST_GT1 24216	31.99 2.50 0.00	31.04 2.30 0.00	30.06 2.15 0.00	29.49 1.93 0.00	30.17 1.82 0.00	33.32 1.68 0.00	44.41 2.71 0.00	52.01 3.35 0.00	41.75 2.91 0.00	34.78 2.15 0.00	31.86 2.39 0.00	31.17 2.15 0.00	30.80 1.99 0.00	32.33 2.37 0.00	36.16 2.93 0.00	44.24 3.84 -0.01	54.08 4.53 -2.41	66.86 5.14 -5.79	59.07 4.47 -5.50	52.71 3.99 -7.61	47.94 3.38 -9.31	44.69 3.35 -8.18	38.33 3.22 -3.21	34.10 2.97 -0.88
PPL PILGRIM_ST_GT2 24217	31.99 2.50 0.00	31.04 2.30 0.00	30.06 2.15 0.00	29.49 1.93 0.00	30.17 1.82 0.00	33.32 1.68 0.00	44.41 2.71 0.00	52.01 3.35 0.00	41.75 2.91 0.00	34.78 2.15 0.00	31.86 2.39 0.00	31.17 2.15 0.00	30.80 1.99 0.00	32.33 2.37 0.00	36.16 2.93 0.00	44.24 3.84 -0.01	54.08 4.53 -2.41	66.86 5.14 -5.79	59.07 4.47 -5.50	52.71 3.99 -7.61	47.94 3.38 -9.31	44.69 3.35 -8.18	38.33 3.22 -3.21	34.10 2.97 -0.88
PPL_SHRM_GT3 24213	32.05 2.56 0.00	31.09 2.36 0.00	30.18 2.26 0.00	29.58 2.01 0.00	30.06 1.70 0.00	32.62 0.98 0.00	43.20 1.50 0.00	50.70 2.04 0.00	40.58 1.75 0.00	33.70 1.08 0.00	31.50 2.03 0.00	30.82 1.80 0.00	30.46 1.64 0.00	31.79 1.83 0.00	35.36 2.13 0.00	43.72 3.31 -0.01	54.05 4.53 -2.38	66.57 4.92 -5.72	58.26 3.73 -5.42	52.55 3.91 -7.52	47.76 3.28 -9.24	44.52 3.25 -8.10	38.57 3.48 -3.19	34.34 3.21 -0.88
PPL_SHRM_GT4 24214	32.05 2.56 0.00	31.09 2.36 0.00	30.18 2.26 0.00	29.58 2.01 0.00	30.06 1.70 0.00	32.62 0.98 0.00	43.20 1.50 0.00	50.70 2.04 0.00	40.58 1.75 0.00	33.70 1.08 0.00	31.50 2.03 0.00	30.82 1.80 0.00	30.46 1.64 0.00	31.79 1.83 0.00	35.36 2.13 0.00	43.72 3.31 -0.01	54.05 4.53 -2.38	66.57 4.92 -5.72	58.26 3.73 -5.42	52.55 3.91 -7.52	47.76 3.28 -9.24	44.52 3.25 -8.10	38.57 3.48 -3.19	34.34 3.21 -0.88
PROJECT___ORANGE 1 24174	29.25 -0.24 0.00	28.45 -0.29 0.00	27.66 -0.25 0.00	27.32 -0.25 0.00	28.13 -0.23 0.00	31.36 -0.28 0.00	41.24 -0.46 0.00	48.02 -0.63 0.00	38.44 -0.39 0.00	32.40 -0.23 0.00	29.23 -0.24 0.00	28.82 -0.20 0.00	28.58 -0.23 0.00	29.66 -0.30 0.00	32.90 -0.33 0.00	39.87 -0.53 0.00	46.43 -0.71 0.00	54.98 -0.95 0.00	48.28 -0.83 -0.01	40.47 -0.74 -0.09	35.02 -0.60 -0.38	32.90 -0.50 -0.23	31.63 -0.45 -0.18	29.95 -0.39 -0.08
PROJECT___ORANGE 2 24166	29.25 -0.24 0.00	28.45 -0.29 0.00	27.66 -0.25 0.00	27.32 -0.25 0.00	28.13 -0.23 0.00	31.36 -0.28 0.00	41.24 -0.46 0.00	48.02 -0.63 0.00	38.44 -0.39 0.00	32.40 -0.23 0.00	29.23 -0.24 0.00	28.82 -0.20 0.00	28.58 -0.23 0.00	29.66 -0.30 0.00	32.90 -0.33 0.00	39.87 -0.53 0.00	46.43 -0.71 0.00	54.98 -0.95 0.00	48.28 -0.83 -0.01	40.47 -0.74 -0.09	35.02 -0.60 -0.38	32.90 -0.50 -0.23	31.63 -0.45 -0.18	29.95 -0.39 -0.08
PUCKETT___SOLAR 323809	30.31 0.82 0.00	29.51 0.78 0.00	28.67 0.75 0.00	28.31 0.74 0.00	29.21 0.85 0.00	32.62 0.98 0.00	43.12 1.42 0.00	50.26 1.60 0.00	40.15 1.32 0.00	33.77 1.14 0.00	30.38 0.91 0.00	29.86 0.84 0.00	29.68 0.86 0.00	30.80 0.84 0.00	34.27 1.03 0.00	41.52 1.13 0.00	48.51 1.37 0.00	57.50 1.56 -0.01	50.50 1.37 -0.02	42.49 1.03 -0.35	37.55 0.88 -1.43	34.74 0.70 -0.88	33.10 0.54 -0.66	31.03 0.45 -0.32
PYRITES___HYD 24023	27.33 -2.15 0.00	27.30 -1.44 0.00	26.69 -1.23 0.00	26.74 -0.83 0.00	27.73 -0.62 0.00	31.48 -0.16 0.00	42.32 0.63 0.00	49.72 1.07 0.00	39.26 0.43 0.00	32.70 0.07 0.00	29.79 0.32 0.00	29.49 0.46 0.00	29.45 0.63 0.00	30.71 0.75 0.00	34.00 0.76 0.00	40.92 0.53 0.00	48.08 0.94 0.00	57.78 1.85 0.00	50.38 1.28 0.00	42.54 1.40 -0.03	36.23 0.88 -0.10	33.13 -0.10 -0.06	31.37 -0.57 -0.05	29.89 -0.39 -0.02
QUAKERRD_115KV_BK1 80622	28.04 -1.44 0.00	27.24 -1.49 0.00	26.46 -1.45 0.00	26.24 -1.32 0.00	27.14 -1.22 0.00	30.22 -1.42 0.00	39.66 -2.04 0.00	45.69 -2.97 0.00	36.97 -1.86 0.00	31.36 -1.27 0.00	28.20 -1.27 0.00	27.98 -1.04 0.00	27.72 -1.09 0.00	28.67 -1.29 0.00	31.84 -1.40 0.00	38.25 -2.14 0.00	44.22 -2.92 0.00	52.19 -3.75 0.00	45.97 -3.14 -0.01	38.68 -2.55 -0.12	33.65 -2.08 -0.49	31.74 -1.72 -0.30	30.34 -1.79 -0.23	28.88 -1.48 -0.11
QUEENSBRY_115KV_TB8 356137	30.81 1.33 0.00	30.03 1.29 0.00	29.14 1.23 0.00	28.69 1.13 0.00	29.49 1.13 0.00	33.16 1.52 0.00	43.99 2.29 0.00	51.43 2.77 0.00	40.77 1.94 0.00	34.03 1.40 0.00	30.56 1.09 0.00	30.01 0.99 0.00	29.76 0.95 0.00	31.04 1.08 0.00	34.47 1.23 0.00	42.13 1.74 0.00	49.31 2.17 0.00	58.76 2.80 -0.04	51.63 2.46 -0.07	44.06 1.85 -1.10	41.33 1.55 -4.54	37.34 1.39 -2.79	35.41 1.40 -2.11	33.19 1.94 -1.00
RAMAPO___LBMP 323565	31.25 1.77 0.00	30.35 1.61 0.00	29.45 1.54 0.00	28.97 1.41 0.00	29.69 1.33 0.00	33.16 1.52 0.00	43.91 2.21 0.00	51.62 2.97 0.00	41.16 2.33 0.00	34.65 2.02 0.00	31.33 1.86 0.00	30.71 1.68 0.00	30.54 1.73 0.00	31.82 1.86 0.00	35.26 2.03 0.00	42.98 2.59 0.00	50.30 3.16 0.00	59.71 3.75 -0.03	52.50 3.34 -0.06	44.88 2.84 -0.93	41.44 2.36 -3.83	37.74 2.22 -2.36	35.69 2.01 -1.78	32.95 1.85 -0.85
RANKINE____ 23646	28.63 -0.86 0.00	27.67 -1.06 0.00	26.85 -1.06 0.00	26.85 -0.72 0.00	27.85 -0.51 0.00	30.82 -0.82 0.00	40.32 -1.38 0.00	45.59 -3.07 0.00	37.55 -1.28 0.00	32.30 -0.33 0.00	28.94 -0.53 0.00	28.88 -0.15 0.00	28.53 -0.29 0.00	29.36 -0.60 0.00	32.50 -0.73 0.00	38.42 -1.98 0.00	44.03 -3.11 0.00	51.57 -4.36 -0.01	45.48 -3.63 -0.01	37.92 -3.33 -0.13	33.06 -2.71 -0.53	31.07 -2.42 -0.33	29.60 -2.55 -0.25	28.25 -2.15 -0.14
RAVENSWOOD_GT2_1 24244	31.64 2.15 0.00	30.72 1.98 0.00	29.81 1.90 0.00	29.27 1.71 0.00	29.97 1.62 0.00	33.48 1.84 0.00	44.28 2.59 0.00	52.16 3.50 0.00	41.67 2.83 0.00	35.11 2.48 0.00	31.77 2.30 0.00	31.14 2.12 0.00	30.97 2.16 0.00	32.27 2.31 0.00	35.73 2.49 0.00	43.51 3.11 0.00	50.91 3.77 0.00	60.27 4.31 -0.03	53.04 3.88 -0.06	45.43 3.37 -0.94	41.94 2.78 -3.91	38.25 2.69 -2.40	36.20 2.49 -1.82	33.45 2.33 -0.86

RAVENSWOOD_GT2_2 24245	31.64 2.15 0.00	30.72 1.98 0.00	29.81 1.90 0.00	29.27 1.71 0.00	29.97 1.62 0.00	33.48 1.84 0.00	44.28 2.59 0.00	52.16 3.50 0.00	41.67 2.83 0.00	35.11 2.48 0.00	31.77 2.30 0.00	31.14 2.12 0.00	30.97 2.16 0.00	32.27 2.31 0.00	35.73 2.49 0.00	43.51 3.11 0.00	50.91 3.77 0.00	60.27 4.31 -0.03	53.04 3.88 -0.06	45.43 3.37 -0.94	41.94 2.78 -3.91	38.25 2.69 -2.40	36.20 2.49 -1.82	33.45 2.33 -0.86
RAVENSWOOD_GT2_3 24246	31.64 2.15 0.00	30.72 1.98 0.00	29.81 1.90 0.00	29.30 1.74 0.00	30.00 1.64 0.00	33.48 1.84 0.00	44.33 2.63 0.00	52.20 3.55 0.00	41.67 2.83 0.00	35.14 2.51 0.00	31.77 2.30 0.00	31.17 2.15 0.00	30.97 2.16 0.00	32.30 2.34 0.00	35.76 2.53 0.00	43.55 3.15 0.00	50.91 3.77 0.00	60.32 4.36 -0.03	53.09 3.93 -0.06	45.43 3.37 -0.94	41.97 2.82 -3.91	38.25 2.69 -2.40	36.20 2.49 -1.82	33.45 2.33 -0.86
RAVENSWOOD_GT2_4 24247	31.64 2.15 0.00	30.72 1.98 0.00	29.81 1.90 0.00	29.30 1.74 0.00	30.00 1.64 0.00	33.48 1.84 0.00	44.33 2.63 0.00	52.20 3.55 0.00	41.67 2.83 0.00	35.14 2.51 0.00	31.77 2.30 0.00	31.17 2.15 0.00	30.97 2.16 0.00	32.30 2.34 0.00	35.76 2.53 0.00	43.55 3.15 0.00	50.91 3.77 0.00	60.32 4.36 -0.03	53.09 3.93 -0.06	45.43 3.37 -0.94	41.97 2.82 -3.91	38.25 2.69 -2.40	36.20 2.49 -1.82	33.45 2.33 -0.86
RAVENSWOOD_GT3_1 24248	31.64 2.15 0.00	30.72 1.98 0.00	29.81 1.90 0.00	29.27 1.71 0.00	29.97 1.62 0.00	33.48 1.84 0.00	44.28 2.59 0.00	52.16 3.50 0.00	41.67 2.83 0.00	35.11 2.48 0.00	31.77 2.30 0.00	31.14 2.12 0.00	30.97 2.16 0.00	32.30 2.34 0.00	35.76 2.53 0.00	43.51 3.11 0.00	50.91 3.77 0.00	60.32 4.36 -0.03	53.04 3.88 -0.06	45.43 3.37 -0.94	41.94 2.78 -3.91	38.25 2.69 -2.40	36.20 2.49 -1.82	33.45 2.33 -0.86
RAVENSWOOD_GT3_2 24249	31.64 2.15 0.00	30.72 1.98 0.00	29.81 1.90 0.00	29.27 1.71 0.00	29.97 1.62 0.00	33.48 1.84 0.00	44.28 2.59 0.00	52.16 3.50 0.00	41.67 2.83 0.00	35.11 2.48 0.00	31.77 2.30 0.00	31.14 2.12 0.00	30.97 2.16 0.00	32.30 2.34 0.00	35.76 2.53 0.00	43.51 3.11 0.00	50.91 3.77 0.00	60.32 4.36 -0.03	53.04 3.88 -0.06	45.43 3.37 -0.94	41.94 2.78 -3.91	38.25 2.69 -2.40	36.20 2.49 -1.82	33.45 2.33 -0.86
RAVENSWOOD_GT3_3 24250	31.67 2.18 0.00	30.75 2.01 0.00	29.84 1.93 0.00	29.33 1.76 0.00	30.03 1.67 0.00	33.51 1.87 0.00	44.37 2.67 0.00	52.25 3.60 0.00	41.74 2.91 0.00	35.17 2.55 0.00	31.80 2.33 0.00	31.20 2.18 0.00	31.03 2.22 0.00	32.33 2.37 0.00	35.80 2.56 0.00	43.59 3.19 0.00	51.01 3.87 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.51 3.45 -0.94	42.01 2.85 -3.91	38.28 2.72 -2.40	36.23 2.52 -1.82	33.48 2.36 -0.86
RAVENSWOOD_GT3_4 24251	31.67 2.18 0.00	30.75 2.01 0.00	29.84 1.93 0.00	29.33 1.76 0.00	30.03 1.67 0.00	33.51 1.87 0.00	44.37 2.67 0.00	52.25 3.60 0.00	41.74 2.91 0.00	35.17 2.55 0.00	31.80 2.33 0.00	31.20 2.18 0.00	31.03 2.22 0.00	32.33 2.37 0.00	35.80 2.56 0.00	43.59 3.19 0.00	51.01 3.87 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.51 3.45 -0.94	42.01 2.85 -3.91	38.28 2.72 -2.40	36.23 2.52 -1.82	33.48 2.36 -0.86
RAVENSWOOD_GT_1 23729	31.82 2.33 -0.01	30.90 2.16 -0.01	29.99 2.07 -0.01	29.45 1.87 -0.01	30.15 1.79 -0.01	33.60 1.96 0.00	44.28 2.59 0.00	52.11 3.45 0.00	41.71 2.87 0.00	35.21 2.58 0.00	31.83 2.36 0.00	31.23 2.21 0.00	31.03 2.22 0.00	32.36 2.40 0.00	35.83 2.59 0.00	43.59 3.19 0.00	50.91 3.77 0.00	60.27 4.31 -0.03	53.04 3.88 -0.06	45.47 3.41 -0.94	41.94 2.78 -3.91	38.28 2.72 -2.40	36.30 2.58 -1.82	33.60 2.48 -0.86
RAVENSWOOD_GT_10 24258	31.64 2.15 0.00	30.72 1.98 0.00	29.81 1.90 0.00	29.27 1.71 0.00	29.97 1.62 0.00	33.48 1.84 0.00	44.28 2.59 0.00	52.20 3.55 0.00	41.67 2.83 0.00	35.11 2.48 0.00	31.77 2.30 0.00	31.14 2.12 0.00	30.97 2.16 0.00	32.30 2.34 0.00	35.76 2.53 0.00	43.51 3.11 0.00	50.91 3.77 0.00	60.32 4.36 -0.03	53.04 3.88 -0.06	45.43 3.37 -0.94	41.94 2.78 -3.91	38.25 2.69 -2.40	36.20 2.49 -1.82	33.42 2.30 -0.86
RAVENSWOOD_GT_11 24259	31.64 2.15 0.00	30.72 1.98 0.00	29.81 1.90 0.00	29.27 1.71 0.00	29.97 1.62 0.00	33.48 1.84 0.00	44.28 2.59 0.00	52.20 3.55 0.00	41.67 2.83 0.00	35.11 2.48 0.00	31.77 2.30 0.00	31.14 2.12 0.00	30.97 2.16 0.00	32.30 2.34 0.00	35.76 2.53 0.00	43.51 3.11 0.00	50.91 3.77 0.00	60.32 4.36 -0.03	53.04 3.88 -0.06	45.43 3.37 -0.94	41.94 2.78 -3.91	38.25 2.69 -2.40	36.20 2.49 -1.82	33.42 2.30 -0.86
RAVENSWOOD_GT_4 24252	31.60 2.12 0.01	30.69 1.95 0.01	29.78 1.87 0.01	29.24 1.68 0.01	29.94 1.59 0.01	33.44 1.80 0.00	44.33 2.63 0.00	52.20 3.55 0.00	41.67 2.83 0.00	35.11 2.48 0.00	31.74 2.27 0.00	31.14 2.12 0.00	30.97 2.16 0.00	32.27 2.31 0.00	35.76 2.53 0.00	43.55 3.15 0.00	50.91 3.77 0.00	60.32 4.36 -0.03	53.09 3.93 -0.06	45.43 3.37 -0.94	41.94 2.78 -3.91	38.25 2.69 -2.40	36.20 2.49 -1.82	33.42 2.30 -0.86
RAVENSWOOD_GT_5 24254	31.60 2.12 0.01	30.69 1.95 0.01	29.78 1.87 0.01	29.24 1.68 0.01	29.94 1.59 0.01	33.44 1.80 0.00	44.33 2.63 0.00	52.20 3.55 0.00	41.67 2.83 0.00	35.11 2.48 0.00	31.74 2.27 0.00	31.14 2.12 0.00	30.97 2.16 0.00	32.27 2.31 0.00	35.76 2.53 0.00	43.55 3.15 0.00	50.91 3.77 0.00	60.32 4.36 -0.03	53.09 3.93 -0.06	45.43 3.37 -0.94	41.94 2.78 -3.91	38.25 2.69 -2.40	36.20 2.49 -1.82	33.42 2.30 -0.86
RAVENSWOOD_GT_6 24253	31.60 2.12 0.01	30.69 1.95 0.01	29.78 1.87 0.01	29.24 1.68 0.01	29.94 1.59 0.01	33.44 1.80 0.00	44.33 2.63 0.00	52.20 3.55 0.00	41.67 2.83 0.00	35.11 2.48 0.00	31.74 2.27 0.00	31.14 2.12 0.00	30.97 2.16 0.00	32.27 2.31 0.00	35.76 2.53 0.00	43.55 3.15 0.00	50.91 3.77 0.00	60.32 4.36 -0.03	53.09 3.93 -0.06	45.43 3.37 -0.94	41.94 2.78 -3.91	38.25 2.69 -2.40	36.20 2.49 -1.82	33.42 2.30 -0.86
RAVENSWOOD_GT_7 24255	31.60 2.12 0.01	30.69 1.95 0.01	29.78 1.87 0.01	29.24 1.68 0.01	29.94 1.59 0.01	33.44 1.80 0.00	44.33 2.63 0.00	52.20 3.55 0.00	41.67 2.83 0.00	35.11 2.48 0.00	31.74 2.27 0.00	31.14 2.12 0.00	30.97 2.16 0.00	32.27 2.31 0.00	35.76 2.53 0.00	43.55 3.15 0.00	50.91 3.77 0.00	60.32 4.36 -0.03	53.09 3.93 -0.06	45.43 3.37 -0.94	41.94 2.78 -3.91	38.25 2.69 -2.40	36.20 2.49 -1.82	33.42 2.30 -0.86
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	31.64 2.15 0.00	30.72 1.98 0.00	29.81 1.90 0.00	29.27 1.71 0.00	29.97 1.62 0.00	33.48 1.84 0.00	44.28 2.59 0.00	52.20 3.55 0.00	41.67 2.83 0.00	35.11 2.48 0.00	31.77 2.30 0.00	31.14 2.12 0.00	30.97 2.16 0.00	32.30 2.34 0.00	35.76 2.53 0.00	43.51 3.11 0.00	50.91 3.77 0.00	60.32 4.36 -0.03	53.04 3.88 -0.06	45.43 3.37 -0.94	41.94 2.78 -3.91	38.25 2.69 -2.40	36.20 2.49 -1.82	33.42 2.30 -0.86

RAVENSWOOD_GT_9 24257	31.64 2.15 0.00	30.72 1.98 0.00	29.81 1.90 0.00	29.27 1.71 0.00	29.97 1.62 0.00	33.48 1.84 0.00	44.28 2.59 0.00	52.20 3.55 0.00	41.67 2.83 0.00	35.11 2.48 0.00	31.77 2.30 0.00	31.14 2.12 0.00	30.97 2.16 0.00	32.30 2.34 0.00	35.76 2.53 0.00	43.51 3.11 0.00	50.91 3.77 0.00	60.32 4.36 -0.03	53.04 3.88 -0.06	45.43 3.43 -0.94	41.94 2.78 -3.91	38.25 2.69 -2.40	36.20 2.49 -1.82	33.42 2.30 -0.86
RAVENSWOOD___1 23533	31.76 2.27 -0.01	30.87 2.13 -0.01	29.96 2.04 -0.01	29.45 1.88 -0.01	30.15 1.79 -0.01	33.57 1.93 0.00	44.24 2.54 0.00	51.96 3.31 0.00	41.67 2.83 0.00	35.18 2.55 0.00	31.77 2.30 0.00	31.20 2.18 0.00	31.00 2.19 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.55 3.15 0.00	50.86 3.72 0.00	60.21 4.25 -0.03	52.99 3.83 -0.06	45.43 3.37 -0.94	41.94 2.78 -3.91	38.25 2.68 -2.40	36.27 2.55 -1.82	33.60 2.48 -0.86
RAVENSWOOD___2 23534	31.73 2.24 -0.01	30.87 2.13 -0.01	29.96 2.04 -0.01	29.42 1.85 -0.01	30.15 1.79 -0.01	33.57 1.93 0.00	44.20 2.50 0.00	51.96 3.31 0.00	41.67 2.83 0.00	35.18 2.55 0.00	31.77 2.30 0.00	31.20 2.18 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.55 3.15 0.00	50.86 3.72 0.00	60.21 4.25 -0.03	52.99 3.83 -0.06	45.43 3.37 -0.94	41.90 2.75 -3.91	38.25 2.68 -2.40	36.27 2.55 -1.82	33.57 2.45 -0.86
RAVENSWOOD___3 23535	31.58 2.09 0.00	30.72 1.98 0.00	29.81 1.90 0.00	29.27 1.71 0.00	30.00 1.64 0.00	33.44 1.80 0.00	44.24 2.54 0.00	52.06 3.40 0.00	41.67 2.83 0.00	35.11 2.48 0.00	31.71 2.24 0.00	31.14 2.12 0.00	30.95 2.13 0.00	32.27 2.31 0.00	35.76 2.52 0.00	43.51 3.11 0.00	50.91 3.77 0.00	60.27 4.31 -0.03	53.04 3.88 -0.06	45.43 3.37 -0.94	41.94 2.78 -3.91	38.25 2.68 -2.40	36.20 2.49 -1.82	33.45 2.33 -0.86
RAVENSWOOD___4 23820	31.73 2.24 -0.01	30.84 2.10 -0.01	29.93 2.01 -0.01	29.42 1.85 -0.01	30.15 1.79 -0.01	33.54 1.90 0.00	44.20 2.50 0.00	51.96 3.31 0.00	41.67 2.83 0.00	35.14 2.51 0.00	31.74 2.27 0.00	31.20 2.18 0.00	30.98 2.16 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.55 3.15 0.00	50.86 3.72 0.00	60.16 4.20 -0.03	52.99 3.83 -0.06	45.43 3.37 -0.94	41.90 2.75 -3.91	38.25 2.68 -2.40	36.23 2.52 -1.82	33.57 2.45 -0.86
RCPL_TRUST___DRP 24196	31.61 2.12 0.00	30.69 1.95 0.00	29.79 1.87 0.00	29.27 1.71 0.00	29.97 1.62 0.00	33.48 1.84 0.00	44.37 2.67 0.00	52.30 3.65 0.00	41.71 2.87 0.00	35.14 2.51 0.00	31.77 2.30 0.00	31.17 2.15 0.00	31.00 2.19 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.59 3.19 0.00	50.96 3.82 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.47 3.41 -0.94	41.97 2.82 -3.91	38.25 2.69 -2.40	36.20 2.49 -1.82	33.42 2.30 -0.86
RED___ROCHESTER 323720	28.78 -0.71 0.00	27.90 -0.83 0.00	26.97 -0.95 0.00	26.79 -0.77 0.00	27.73 -0.62 0.00	30.88 -0.76 0.00	40.53 -1.17 0.00	46.75 -1.90 0.00	37.79 -1.05 0.00	32.11 -0.52 0.00	29.00 -0.47 0.00	28.70 -0.32 0.00	28.47 -0.34 0.00	29.36 -0.60 0.00	32.60 -0.63 0.00	39.10 -1.29 0.00	45.07 -2.07 0.00	53.19 -2.74 0.00	46.90 -2.21 -0.01	39.43 -1.81 -0.12	34.33 -1.41 -0.50	32.41 -1.06 -0.31	30.92 -1.21 -0.23	29.46 -0.91 -0.11
REGAN___SOLAR 323812	31.08 1.59 0.00	30.32 1.58 0.00	29.42 1.51 0.00	28.97 1.41 0.00	29.86 1.50 0.00	33.57 1.93 0.00	44.66 2.96 0.00	52.06 3.40 0.00	41.24 2.41 0.00	34.20 1.57 0.00	30.56 1.09 0.00	30.01 0.99 0.00	29.68 0.86 0.00	31.01 1.05 0.00	34.77 1.53 0.00	42.66 2.26 0.00	50.06 2.92 0.00	59.77 3.81 -0.04	52.56 3.39 -0.07	44.95 2.67 -1.17	42.31 2.22 -4.84	38.19 2.06 -2.97	35.90 1.75 -2.25	32.93 1.60 -1.07
RENSSELAER___COGEN 23796	29.99 0.50 0.00	29.25 0.52 0.00	28.47 0.56 0.00	28.09 0.52 0.00	28.81 0.45 0.00	32.12 0.48 0.00	42.41 0.71 0.00	49.58 0.92 0.00	39.45 0.62 0.00	33.02 0.39 0.00	29.85 0.38 0.00	29.40 0.38 0.00	29.19 0.37 0.00	30.38 0.42 0.00	33.70 0.47 0.00	41.12 0.73 0.00	48.03 0.89 0.00	57.14 1.18 -0.04	50.20 1.03 -0.06	43.00 0.82 -1.07	40.40 0.74 -4.42	36.64 0.76 -2.72	34.59 0.64 -2.05	31.81 0.57 -0.97
REPUBLIC_115KV_BARTNBRK 55605	32.11 2.62 0.00	31.32 2.59 0.00	30.34 2.43 0.00	29.85 2.29 0.00	30.74 2.38 0.00	34.71 3.07 0.00	46.24 4.55 0.00	54.01 5.35 0.00	42.72 3.88 0.00	35.53 2.90 0.00	31.80 2.33 0.00	31.23 2.21 0.00	30.89 2.07 0.00	32.21 2.25 0.00	35.96 2.73 0.00	44.03 3.64 0.00	51.71 4.57 0.00	61.84 5.87 -0.04	54.33 5.16 -0.07	46.20 3.99 -1.09	43.13 3.35 -4.54	38.97 3.02 -2.79	36.75 2.74 -2.11	34.37 3.12 -1.00
REVERE_CPPR_DRP 24186	30.13 0.65 0.00	29.48 0.75 0.00	28.67 0.75 0.00	28.31 0.74 0.00	29.29 0.94 0.00	32.81 1.17 0.00	43.45 1.75 0.00	50.99 2.34 0.00	40.58 1.75 0.00	33.93 1.31 0.00	30.56 1.09 0.00	30.07 1.04 0.00	29.85 1.04 0.00	31.01 1.05 0.00	34.47 1.23 0.00	41.89 1.49 0.00	49.12 1.98 0.00	58.39 2.46 0.00	51.27 2.16 0.00	42.90 1.73 -0.05	36.87 1.41 -0.22	34.29 0.99 -0.13	32.89 0.89 -0.10	31.03 0.73 -0.05
REYNOLDS_115KV_TB3 80639	30.28 0.80 0.00	29.54 0.80 0.00	28.70 0.78 0.00	28.31 0.74 0.00	29.04 0.68 0.00	32.40 0.76 0.00	42.82 1.13 0.00	50.06 1.41 0.00	39.80 0.97 0.00	33.28 0.65 0.00	30.09 0.62 0.00	29.60 0.58 0.00	29.39 0.58 0.00	30.62 0.66 0.00	34.00 0.76 0.00	41.53 1.13 0.00	48.51 1.37 0.00	57.70 1.73 -0.04	50.69 1.52 -0.06	43.42 1.23 -1.07	40.76 1.09 -4.43	36.94 1.06 -2.72	34.91 0.96 -2.06	32.08 0.85 -0.98
RIVERBAY____ 323610	32.06 2.57 -0.01	31.13 2.39 -0.01	30.24 2.32 -0.01	29.75 2.18 -0.01	30.44 2.07 -0.01	33.76 2.12 0.00	44.24 2.54 0.00	52.01 3.36 0.00	41.67 2.83 0.00	35.14 2.51 0.00	31.77 2.30 0.00	31.17 2.15 0.00	30.97 2.16 0.00	32.30 2.34 0.00	35.73 2.49 0.00	43.46 3.07 0.00	50.77 3.63 0.00	60.04 4.08 -0.03	52.89 3.73 -0.06	45.39 3.33 -0.94	41.87 2.71 -3.91	38.25 2.69 -2.40	36.30 2.58 -1.82	33.78 2.66 -0.86
RIVERSDE_115KV_TB3 55908	30.16 0.68 0.00	29.43 0.69 0.00	28.59 0.67 0.00	28.20 0.63 0.00	28.92 0.57 0.00	32.27 0.63 0.00	42.66 0.96 0.00	49.87 1.22 0.00	39.65 0.82 0.00	33.18 0.55 0.00	30.03 0.56 0.00	29.52 0.49 0.00	29.30 0.49 0.00	30.53 0.57 0.00	33.87 0.63 0.00	41.36 0.97 0.00	48.32 1.18 0.00	57.47 1.51 -0.04	50.49 1.33 -0.06	43.25 1.07 -1.07	40.63 0.95 -4.43	36.81 0.93 -2.72	34.75 0.80 -2.06	31.96 0.73 -0.98
ROARING___BROOK_WT_PWR 323790	28.33 -1.15 0.00	27.82 -0.92 0.00	27.16 -0.75 0.00	26.96 -0.61 0.00	27.71 -0.65 0.00	31.20 -0.44 0.00	41.41 -0.29 0.00	48.41 -0.24 0.00	38.48 -0.35 0.00	32.30 -0.33 0.00	29.27 -0.20 0.00	28.91 -0.12 0.00	28.76 -0.06 0.00	29.96 0.00 0.00	33.20 -0.03 0.00	40.19 -0.20 0.00	46.95 -0.19 0.00	55.82 -0.11 0.00	48.81 -0.29 0.00	40.91 -0.20 0.00	34.86 -0.39 0.00	32.50 -0.66 0.00	31.07 -0.83 0.00	29.50 -0.76 0.00

ROCHESRG_115KV_T4 355643	28.42 -1.06 0.00	27.59 -1.15 0.00	26.77 -1.14 0.00	26.60 -0.96 0.00	27.51 -0.85 0.00	30.60 -1.04 0.00	40.11 -1.58 0.00	46.03 -2.63 0.00	37.40 -1.44 0.00	31.81 -0.82 0.00	28.62 -0.85 0.00	28.41 -0.61 0.00	28.12 -0.69 0.00	29.09 -0.87 0.00	32.27 -0.96 0.00	38.66 -1.74 0.00	44.59 -2.55 0.00	52.52 -3.41 0.00	46.31 -2.80 -0.01	38.97 -2.26 -0.12	33.98 -1.76 -0.50	32.08 -1.39 -0.31	30.66 -1.47 -0.23	29.25 -1.12 -0.11
ROCHESTER_9_IC 23652	28.54 -0.94 0.00	27.70 -1.03 0.00	26.88 -1.03 0.00	26.68 -0.88 0.00	27.62 -0.74 0.00	30.72 -0.92 0.00	40.32 -1.38 0.00	46.32 -2.34 0.00	37.63 -1.20 0.00	31.98 -0.65 0.00	28.76 -0.71 0.00	28.56 -0.46 0.00	28.27 -0.55 0.00	29.24 -0.72 0.00	32.44 -0.80 0.00	38.90 -1.49 0.00	44.83 -2.31 0.00	52.86 -3.08 0.00	46.61 -2.50 -0.01	39.22 -2.01 -0.12	34.16 -1.59 -0.50	32.24 -1.23 -0.31	30.79 -1.34 -0.23	29.37 -1.00 -0.11
ROCKVIEW_13_KV_LD 356306	31.58 2.09 0.00	30.66 1.93 0.00	29.73 1.81 0.00	29.22 1.65 0.00	29.95 1.59 0.00	33.48 1.84 0.00	44.37 2.67 0.00	52.30 3.65 0.00	41.67 2.83 0.00	35.11 2.48 0.00	31.71 2.24 0.00	31.11 2.09 0.00	30.97 2.16 0.00	32.27 2.31 0.00	35.73 2.49 0.00	43.55 3.15 0.00	50.96 3.82 0.00	60.43 4.47 -0.03	53.14 3.98 -0.06	45.47 3.41 -0.94	41.97 2.82 -3.91	38.25 2.69 -2.40	36.17 2.46 -1.82	33.33 2.21 -0.86
ROME____115KV_TB2 80656	30.13 0.65 0.00	29.48 0.75 0.00	28.67 0.75 0.00	28.31 0.74 0.00	29.29 0.94 0.00	32.81 1.17 0.00	43.45 1.75 0.00	50.99 2.34 0.00	40.58 1.75 0.00	33.93 1.31 0.00	30.56 1.09 0.00	30.07 1.04 0.00	29.85 1.04 0.00	31.01 1.05 0.00	34.47 1.23 0.00	41.89 1.49 0.00	49.12 1.98 0.00	58.39 2.46 0.00	51.27 2.16 0.00	42.90 1.73 -0.05	36.87 1.41 -0.22	34.29 0.99 -0.13	32.89 0.89 -0.10	31.03 0.73 -0.05
ROSETON___1 23587	31.08 1.59 0.00	30.23 1.49 0.00	29.37 1.45 0.00	28.91 1.35 0.00	29.63 1.28 0.00	33.07 1.43 0.00	43.78 2.08 0.00	51.38 2.72 0.00	41.01 2.17 0.00	34.46 1.83 0.00	31.09 1.62 0.00	30.56 1.54 0.00	30.34 1.53 0.00	31.64 1.68 0.00	35.10 1.86 0.00	42.82 2.42 0.00	50.11 2.97 0.00	59.43 3.47 -0.03	52.26 3.10 -0.06	44.69 2.63 -0.94	41.37 2.22 -3.91	37.65 2.09 -2.40	35.59 1.88 -1.82	32.84 1.72 -0.86
ROSETON___2 23588	31.08 1.59 0.00	30.23 1.49 0.00	29.37 1.45 0.00	28.91 1.35 0.00	29.63 1.28 0.00	33.07 1.43 0.00	43.78 2.08 0.00	51.38 2.72 0.00	41.01 2.17 0.00	34.46 1.83 0.00	31.09 1.62 0.00	30.56 1.54 0.00	30.34 1.53 0.00	31.64 1.68 0.00	35.10 1.86 0.00	42.82 2.42 0.00	50.11 2.97 0.00	59.43 3.47 -0.03	52.26 3.10 -0.06	44.69 2.63 -0.94	41.37 2.22 -3.91	37.65 2.09 -2.40	35.59 1.88 -1.82	32.84 1.72 -0.86
ROTRRDAM_115KV_TB3 80664	30.37 0.88 0.00	29.57 0.83 0.00	28.70 0.78 0.00	28.31 0.74 0.00	29.09 0.74 0.00	32.53 0.89 0.00	43.03 1.33 0.00	50.26 1.61 0.00	40.00 1.16 0.00	33.48 0.85 0.00	30.18 0.71 0.00	29.66 0.64 0.00	29.45 0.63 0.00	30.68 0.72 0.00	34.10 0.86 0.00	41.65 1.25 0.00	48.65 1.51 0.00	57.87 1.90 -0.04	50.84 1.67 -0.07	43.58 1.36 -1.10	40.98 1.16 -4.58	37.07 1.09 -2.81	35.01 0.99 -2.13	32.20 0.94 -1.01
RUSSELL___1 23602	28.63 -0.86 0.00	27.79 -0.95 0.00	26.97 -0.95 0.00	26.79 -0.77 0.00	27.73 -0.62 0.00	30.85 -0.79 0.00	40.49 -1.21 0.00	46.51 -2.14 0.00	37.78 -1.05 0.00	32.14 -0.49 0.00	28.88 -0.59 0.00	28.70 -0.32 0.00	28.38 -0.43 0.00	29.36 -0.60 0.00	32.60 -0.63 0.00	39.10 -1.29 0.00	45.07 -2.07 0.00	53.14 -2.80 0.00	46.90 -2.21 -0.01	39.43 -1.81 -0.12	34.33 -1.41 -0.50	32.41 -1.06 -0.31	30.92 -1.21 -0.23	29.46 -0.91 -0.11
RUSSELL___2 23532	28.63 -0.86 0.00	27.79 -0.95 0.00	26.97 -0.95 0.00	26.79 -0.77 0.00	27.73 -0.62 0.00	30.85 -0.79 0.00	40.49 -1.21 0.00	46.51 -2.14 0.00	37.78 -1.05 0.00	32.14 -0.49 0.00	28.88 -0.59 0.00	28.70 -0.32 0.00	28.38 -0.43 0.00	29.36 -0.60 0.00	32.60 -0.63 0.00	39.10 -1.29 0.00	45.07 -2.07 0.00	53.14 -2.80 0.00	46.90 -2.21 -0.01	39.43 -1.81 -0.12	34.33 -1.41 -0.50	32.41 -1.06 -0.31	30.92 -1.21 -0.23	29.46 -0.91 -0.11
RUSSELL___3 23549	28.63 -0.86 0.00	27.79 -0.95 0.00	26.97 -0.95 0.00	26.79 -0.77 0.00	27.73 -0.62 0.00	30.85 -0.79 0.00	40.49 -1.21 0.00	46.51 -2.14 0.00	37.78 -1.05 0.00	32.14 -0.49 0.00	28.88 -0.59 0.00	28.70 -0.32 0.00	28.38 -0.43 0.00	29.36 -0.60 0.00	32.60 -0.63 0.00	39.10 -1.29 0.00	45.07 -2.07 0.00	53.14 -2.80 0.00	46.90 -2.21 -0.01	39.43 -1.81 -0.12	34.33 -1.41 -0.50	32.41 -1.06 -0.31	30.92 -1.21 -0.23	29.46 -0.91 -0.11
RUSSELL___4 23556	28.63 -0.86 0.00	27.79 -0.95 0.00	26.97 -0.95 0.00	26.79 -0.77 0.00	27.73 -0.62 0.00	30.85 -0.79 0.00	40.49 -1.21 0.00	46.51 -2.14 0.00	37.78 -1.05 0.00	32.14 -0.49 0.00	28.88 -0.59 0.00	28.70 -0.32 0.00	28.38 -0.43 0.00	29.36 -0.60 0.00	32.60 -0.63 0.00	39.10 -1.29 0.00	45.07 -2.07 0.00	53.14 -2.80 0.00	46.90 -2.21 -0.01	39.43 -1.81 -0.12	34.33 -1.41 -0.50	32.41 -1.06 -0.31	30.92 -1.21 -0.23	29.46 -0.91 -0.11
RUSSELL___STATION 23914	28.63 -0.86 0.00	27.79 -0.95 0.00	26.97 -0.95 0.00	26.79 -0.77 0.00	27.73 -0.62 0.00	30.85 -0.79 0.00	40.49 -1.21 0.00	46.51 -2.14 0.00	37.78 -1.05 0.00	32.14 -0.49 0.00	28.88 -0.59 0.00	28.70 -0.32 0.00	28.38 -0.43 0.00	29.36 -0.60 0.00	32.60 -0.63 0.00	39.10 -1.29 0.00	45.07 -2.07 0.00	53.14 -2.80 0.00	46.90 -2.21 -0.01	39.43 -1.81 -0.12	34.33 -1.41 -0.50	32.41 -1.06 -0.31	30.92 -1.21 -0.23	29.46 -0.91 -0.11
S SALMON___HYD 24043	28.90 -0.59 0.00	28.19 -0.55 0.00	27.41 -0.50 0.00	27.07 -0.50 0.00	27.96 -0.40 0.00	31.20 -0.44 0.00	41.16 -0.54 0.00	48.12 -0.53 0.00	38.37 -0.46 0.00	32.24 -0.39 0.00	29.09 -0.38 0.00	28.62 -0.41 0.00	28.41 -0.40 0.00	29.48 -0.48 0.00	32.70 -0.53 0.00	39.71 -0.69 0.00	46.34 -0.80 0.00	54.98 -0.95 0.00	48.32 -0.79 0.00	40.53 -0.66 -0.07	34.99 -0.57 -0.31	32.72 -0.63 -0.19	31.43 -0.61 -0.14	29.72 -0.60 -0.07
S.PERRY___115KV_TB1 80734	29.51 0.03 0.00	28.65 -0.09 0.00	27.80 -0.11 0.00	27.62 0.06 0.00	28.67 0.31 0.00	31.99 0.35 0.00	42.16 0.46 0.00	48.51 -0.15 0.00	39.30 0.47 0.00	33.25 0.62 0.00	29.68 0.21 0.00	29.40 0.38 0.00	28.99 0.17 0.00	29.99 0.03 0.00	33.37 0.13 0.00	39.99 -0.40 0.00	46.43 -0.71 0.00	54.93 -1.01 -0.01	48.53 -0.59 -0.01	40.70 -0.58 -0.16	35.48 -0.42 -0.66	33.20 -0.36 -0.41	31.54 -0.67 -0.31	29.90 -0.51 -0.15
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	28.25 -1.24 0.00	27.33 -1.41 0.00	26.52 -1.40 0.00	26.49 -1.08 0.00	27.48 -0.88 0.00	30.38 -1.27 0.00	39.70 -2.00 0.00	44.81 -3.84 0.00	36.93 -1.90 0.00	31.81 -0.82 0.00	28.50 -0.97 0.00	28.44 -0.58 0.00	28.09 -0.72 0.00	28.94 -1.02 0.00	32.04 -1.20 0.00	37.81 -2.59 0.00	43.32 -3.82 0.00	50.68 -5.26 0.00	44.74 -4.37 -0.01	37.46 -3.78 -0.12	32.71 -3.03 -0.50	30.92 -2.55 -0.31	29.48 -2.65 -0.23	28.25 -2.15 -0.14

SAWYER___23_KV_LOAD 55526	28.25 -1.24 0.00	27.33 -1.41 0.00	26.52 -1.40 0.00	26.49 -1.08 0.00	27.48 -0.88 0.00	30.38 -1.27 0.00	39.70 -2.00 0.00	44.81 -3.84 0.00	36.93 -1.90 0.00	31.81 -0.82 0.00	28.50 -0.97 0.00	28.44 -0.58 0.00	28.09 -0.72 0.00	28.94 -1.02 0.00	32.04 -1.20 0.00	37.81 -2.59 0.00	43.32 -3.82 0.00	50.68 -5.26 0.00	44.74 -4.37 -0.01	37.46 -3.78 -0.12	32.71 -3.03 -0.50	30.92 -2.55 -0.31	29.48 -2.65 -0.23	28.25 -2.15 -0.14
SELKIRK___I 23801	30.22 0.74 0.00	29.48 0.75 0.00	28.67 0.75 0.00	28.28 0.72 0.00	29.04 0.68 0.00	32.40 0.76 0.00	42.78 1.08 0.00	49.92 1.26 0.00	39.65 0.82 0.00	33.15 0.52 0.00	29.91 0.44 0.00	29.43 0.41 0.00	29.22 0.40 0.00	30.44 0.48 0.00	33.87 0.63 0.00	41.36 0.97 0.00	48.32 1.18 0.00	57.47 1.51 -0.03	50.54 1.37 -0.06	43.28 1.11 -1.05	40.56 0.95 -4.36	36.77 0.93 -2.68	34.72 0.80 -2.03	31.95 0.73 -0.96
SELKIRK___II 23799	30.10 0.62 0.00	29.37 0.63 0.00	28.56 0.64 0.00	28.17 0.61 0.00	28.89 0.54 0.00	32.24 0.60 0.00	42.58 0.88 0.00	49.77 1.12 0.00	39.61 0.78 0.00	33.18 0.55 0.00	29.97 0.50 0.00	29.49 0.46 0.00	29.27 0.46 0.00	30.50 0.54 0.00	33.83 0.60 0.00	41.28 0.89 0.00	48.22 1.09 0.00	57.36 1.40 -0.03	50.40 1.23 -0.06	43.16 0.99 -1.06	40.53 0.88 -4.40	36.70 0.83 -2.70	34.68 0.73 -2.04	31.89 0.66 -0.97
SENECA OSWGO___HYD 24041	28.98 -0.50 0.00	28.22 -0.52 0.00	27.38 -0.53 0.00	27.04 -0.52 0.00	27.88 -0.48 0.00	31.07 -0.57 0.00	40.82 -0.88 0.00	47.58 -1.07 0.00	38.01 -0.82 0.00	32.01 -0.62 0.00	28.91 -0.56 0.00	28.50 -0.52 0.00	28.27 -0.55 0.00	29.33 -0.63 0.00	32.54 -0.70 0.00	39.43 -0.97 0.00	45.91 -1.23 0.00	54.42 -1.51 0.00	47.79 -1.32 0.00	40.09 -1.11 -0.08	34.67 -0.92 -0.34	32.54 -0.83 -0.21	31.35 -0.70 -0.16	29.67 -0.67 -0.08
SENECA___115KV_TB3 355854	28.69 -0.80 0.00	27.70 -1.03 0.00	26.91 -1.00 0.00	26.90 -0.66 0.00	27.90 -0.45 0.00	30.85 -0.79 0.00	40.41 -1.29 0.00	45.69 -2.97 0.00	37.63 -1.20 0.00	32.37 -0.26 0.00	29.00 -0.47 0.00	28.91 -0.12 0.00	28.55 -0.26 0.00	29.42 -0.54 0.00	32.57 -0.66 0.00	38.50 -1.90 0.00	44.12 -3.02 0.00	51.68 -4.25 -0.01	45.53 -3.58 -0.01	37.96 -3.29 -0.13	33.10 -2.68 -0.53	31.10 -2.39 -0.33	29.66 -2.49 -0.25	28.28 -2.12 -0.14
SENECA___ENERGY 23797	29.28 -0.20 0.00	28.45 -0.29 0.00	27.61 -0.31 0.00	27.29 -0.28 0.00	28.22 -0.14 0.00	31.48 -0.16 0.00	41.49 -0.21 0.00	48.12 -0.53 0.00	38.64 -0.19 0.00	32.66 0.03 0.00	29.44 -0.03 0.00	28.99 -0.03 0.00	28.76 -0.06 0.00	29.75 -0.21 0.00	33.04 -0.20 0.00	39.83 -0.57 0.00	46.24 -0.90 0.00	54.76 -1.18 0.00	48.08 -1.03 -0.01	40.38 -0.87 -0.13	35.07 -0.70 -0.53	32.83 -0.66 -0.33	31.41 -0.73 -0.25	29.71 -0.67 -0.12
SHOEMAKER___GT 23640	30.99 1.50 0.00	30.14 1.41 0.00	29.28 1.37 0.00	28.81 1.24 0.00	29.58 1.22 0.00	33.00 1.36 0.00	43.70 2.00 0.00	51.23 2.58 0.00	40.89 2.06 0.00	34.36 1.73 0.00	30.97 1.50 0.00	30.42 1.39 0.00	30.20 1.38 0.00	31.49 1.53 0.00	34.96 1.73 0.00	42.62 2.22 0.00	49.87 2.73 0.00	59.20 3.24 -0.03	52.05 2.90 -0.05	44.48 2.47 -0.89	40.99 2.04 -3.70	37.36 1.92 -2.27	35.31 1.69 -1.72	32.68 1.60 -0.82
SHOEMAKR_138KV_BK 111 55601	31.02 1.53 0.00	30.14 1.41 0.00	29.28 1.37 0.00	28.80 1.24 0.00	29.58 1.22 0.00	33.00 1.36 0.00	43.70 2.00 0.00	51.28 2.63 0.00	40.89 2.06 0.00	34.36 1.73 0.00	31.00 1.53 0.00	30.42 1.39 0.00	30.25 1.44 0.00	31.52 1.56 0.00	34.96 1.73 0.00	42.62 2.22 0.00	49.87 2.73 0.00	59.26 3.30 -0.03	52.06 2.90 -0.05	44.47 2.47 -0.89	40.97 2.04 -3.68	37.35 1.92 -2.26	35.30 1.69 -1.71	32.67 1.60 -0.81
SHOREHAM_IC_1 23715	32.05 2.56 0.00	31.09 2.36 0.00	30.18 2.26 0.00	29.58 2.01 0.00	30.06 1.70 0.00	32.62 0.98 0.00	43.20 1.50 0.00	50.70 2.04 0.00	40.58 1.75 0.00	33.70 1.08 0.00	31.50 2.03 0.00	30.82 1.80 0.00	30.46 1.64 0.00	31.79 1.83 0.00	35.36 2.13 0.00	43.72 3.31 -0.01	54.05 4.53 -2.38	66.57 4.92 -5.72	58.26 3.73 -5.42	52.55 3.91 -7.52	47.76 3.28 -9.24	44.52 3.25 -8.10	38.57 3.48 -3.19	34.34 3.21 -0.88
SHOREHAM_IC_2 23716	32.05 2.56 0.00	31.09 2.36 0.00	30.18 2.26 0.00	29.58 2.01 0.00	30.06 1.70 0.00	32.62 0.98 0.00	43.20 1.50 0.00	50.70 2.04 0.00	40.58 1.75 0.00	33.70 1.08 0.00	31.50 2.03 0.00	30.82 1.80 0.00	30.46 1.64 0.00	31.79 1.83 0.00	35.36 2.13 0.00	43.72 3.31 -0.01	54.05 4.53 -2.38	66.57 4.92 -5.72	58.26 3.73 -5.42	52.55 3.91 -7.52	47.76 3.28 -9.24	44.52 3.25 -8.10	38.57 3.48 -3.19	34.34 3.21 -0.88
SISSONVILLE____ 23735	27.04 -2.45 0.00	26.98 -1.75 0.00	26.35 -1.56 0.00	26.41 -1.16 0.00	27.36 -0.99 0.00	31.01 -0.63 0.00	41.62 -0.08 0.00	48.80 0.15 0.00	38.79 -0.04 0.00	32.40 -0.23 0.00	29.56 0.09 0.00	29.23 0.20 0.00	29.19 0.37 0.00	30.44 0.48 0.00	33.67 0.43 0.00	40.56 0.16 0.00	47.56 0.42 0.00	57.05 1.12 0.00	49.75 0.64 0.00	41.96 0.82 -0.03	35.74 0.39 -0.11	32.76 -0.46 -0.07	31.02 -0.93 -0.05	29.59 -0.70 -0.02
SITHE_IND_GS1 24169	28.69 -0.79 0.00	27.93 -0.80 0.00	27.13 -0.78 0.00	26.79 -0.77 0.00	27.62 -0.74 0.00	30.72 -0.92 0.00	40.28 -1.42 0.00	46.90 -1.75 0.00	37.47 -1.36 0.00	31.55 -1.08 0.00	28.56 -0.91 0.00	28.15 -0.87 0.00	27.95 -0.86 0.00	29.00 -0.96 0.00	32.11 -1.13 0.00	38.94 -1.45 0.00	45.40 -1.74 0.00	53.81 -2.13 0.00	47.24 -1.87 0.00	39.62 -1.56 -0.06	34.20 -1.30 -0.26	32.16 -1.16 -0.16	31.06 -0.96 -0.12	29.44 -0.88 -0.06
SITHE_IND_GS2 24170	28.69 -0.79 0.00	27.93 -0.80 0.00	27.13 -0.78 0.00	26.79 -0.77 0.00	27.62 -0.74 0.00	30.72 -0.92 0.00	40.28 -1.42 0.00	46.90 -1.75 0.00	37.47 -1.36 0.00	31.55 -1.08 0.00	28.56 -0.91 0.00	28.15 -0.87 0.00	27.95 -0.86 0.00	29.00 -0.96 0.00	32.11 -1.13 0.00	38.94 -1.45 0.00	45.40 -1.74 0.00	53.81 -2.13 0.00	47.24 -1.87 0.00	39.62 -1.56 -0.06	34.20 -1.30 -0.26	32.16 -1.16 -0.16	31.06 -0.96 -0.12	29.44 -0.88 -0.06
SITHE_IND_GS3 24171	28.69 -0.79 0.00	27.93 -0.80 0.00	27.13 -0.78 0.00	26.79 -0.77 0.00	27.62 -0.74 0.00	30.72 -0.92 0.00	40.28 -1.42 0.00	46.90 -1.75 0.00	37.47 -1.36 0.00	31.55 -1.08 0.00	28.56 -0.91 0.00	28.15 -0.87 0.00	27.95 -0.86 0.00	29.00 -0.96 0.00	32.11 -1.13 0.00	38.94 -1.45 0.00	45.40 -1.74 0.00	53.81 -2.13 0.00	47.24 -1.87 0.00	39.62 -1.56 -0.06	34.20 -1.30 -0.26	32.16 -1.16 -0.16	31.06 -0.96 -0.12	29.44 -0.88 -0.06
SITHE_IND_GS4 24172	28.69 -0.79 0.00	27.93 -0.80 0.00	27.13 -0.78 0.00	26.79 -0.77 0.00	27.62 -0.74 0.00	30.72 -0.92 0.00	40.28 -1.42 0.00	46.90 -1.75 0.00	37.47 -1.36 0.00	31.55 -1.08 0.00	28.56 -0.91 0.00	28.15 -0.87 0.00	27.95 -0.86 0.00	29.00 -0.96 0.00	32.11 -1.13 0.00	38.94 -1.45 0.00	45.40 -1.74 0.00	53.81 -2.13 0.00	47.24 -1.87 0.00	39.62 -1.56 -0.06	34.20 -1.30 -0.26	32.16 -1.16 -0.16	31.06 -0.96 -0.12	29.44 -0.88 -0.06

SITHE___BATAVIA 24024	28.78 -0.71 0.00	27.82 -0.92 0.00	26.85 -1.06 0.00	26.76 -0.80 0.00	27.82 -0.54 0.00	30.88 -0.76 0.00	40.58 -1.12 0.00	46.61 -2.04 0.00	37.90 -0.93 0.00	32.40 -0.23 0.00	29.18 -0.29 0.00	28.91 -0.12 0.00	28.64 -0.17 0.00	29.45 -0.51 0.00	32.70 -0.53 0.00	38.90 -1.49 0.00	44.64 -2.50 0.00	52.58 -3.35 0.00	46.41 -2.70 -0.01	38.94 -2.30 -0.12	33.91 -1.83 -0.50	32.01 -1.46 -0.31	30.44 -1.69 -0.23	29.11 -1.27 -0.12
SITHE___INDEPEND 23800	28.66 -0.83 0.00	27.93 -0.80 0.00	27.13 -0.78 0.00	26.79 -0.77 0.00	27.59 -0.77 0.00	30.72 -0.92 0.00	40.28 -1.42 0.00	46.85 -1.80 0.00	37.47 -1.36 0.00	31.55 -1.08 0.00	28.53 -0.94 0.00	28.15 -0.87 0.00	27.92 -0.89 0.00	28.97 -0.99 0.00	32.11 -1.13 0.00	38.94 -1.45 0.00	45.40 -1.74 0.00	53.81 -2.13 0.00	47.24 -1.87 0.00	39.62 -1.56 -0.06	34.20 -1.30 -0.26	32.16 -1.16 -0.16	31.06 -0.96 -0.12	29.44 -0.88 -0.06
SITHE___MASSENA 23902	26.98 -2.51 0.00	26.75 -1.98 0.00	26.30 -1.62 0.00	26.38 -1.18 0.00	27.03 -1.33 0.00	30.91 -0.73 0.00	41.41 -0.29 0.00	48.46 -0.19 0.00	38.25 -0.58 0.00	32.04 -0.59 0.00	29.23 -0.24 0.00	28.96 -0.06 0.00	28.93 0.12 0.00	30.20 0.24 0.00	33.40 0.17 0.00	40.19 -0.20 0.00	47.05 -0.09 0.00	56.32 0.39 0.00	49.06 -0.05 0.00	41.43 0.29 -0.02	35.29 -0.04 -0.08	32.48 -0.73 -0.05	30.82 -1.12 -0.04	29.46 -0.82 -0.02
SITHE___OGDNSBRG 24021	27.30 -2.18 0.00	27.30 -1.44 0.00	26.66 -1.26 0.00	26.74 -0.83 0.00	27.71 -0.65 0.00	31.45 -0.19 0.00	42.24 0.54 0.00	49.58 0.92 0.00	39.03 0.19 0.00	32.50 -0.13 0.00	29.65 0.18 0.00	29.34 0.32 0.00	29.30 0.49 0.00	30.59 0.63 0.00	33.87 0.63 0.00	40.76 0.36 0.00	47.89 0.75 0.00	57.55 1.62 0.00	50.19 1.08 0.00	42.37 1.23 -0.02	36.08 0.74 -0.10	33.02 0.20 -0.06	31.31 -0.64 -0.05	29.86 -0.42 -0.02
SITHE___STERLING 23777	30.07 0.59 0.00	29.40 0.66 0.00	28.56 0.64 0.00	28.20 0.63 0.00	29.12 0.77 0.00	32.59 0.95 0.00	43.12 1.42 0.00	50.50 1.85 0.00	40.19 1.36 0.00	33.67 1.04 0.00	30.35 0.88 0.00	29.86 0.84 0.00	29.65 0.84 0.00	30.80 0.84 0.00	34.20 0.96 0.00	41.52 1.13 0.00	48.65 1.51 0.00	57.72 1.79 0.00	50.68 1.57 0.00	42.41 1.23 -0.06	36.52 1.02 -0.25	34.08 0.76 -0.15	32.69 0.67 -0.12	30.89 0.57 -0.06
SLEIGHT__34_KV_TB1 80719	28.69 -0.80 0.00	27.90 -0.83 0.00	27.08 -0.84 0.00	26.82 -0.74 0.00	27.73 -0.62 0.00	30.94 -0.70 0.00	40.70 -1.00 0.00	47.05 -1.61 0.00	37.98 -0.85 0.00	32.17 -0.46 0.00	28.94 -0.53 0.00	28.65 -0.38 0.00	28.35 -0.46 0.00	29.36 -0.60 0.00	32.64 -0.60 0.00	39.26 -1.13 0.00	45.49 -1.65 0.00	53.75 -2.18 0.00	47.30 -1.82 -0.01	39.71 -1.52 -0.12	34.54 -1.20 -0.49	32.47 -0.99 -0.30	31.01 -1.12 -0.23	29.46 -0.91 -0.11
SOUTH CAIRO___GT 23612	30.69 1.21 0.00	29.97 1.24 0.00	29.14 1.23 0.00	28.72 1.16 0.00	29.58 1.22 0.00	33.00 1.36 0.00	43.83 2.13 0.00	51.04 2.38 0.00	40.39 1.55 0.00	33.41 0.78 0.00	29.97 0.50 0.00	29.40 0.38 0.00	29.19 0.37 0.00	30.41 0.45 0.00	33.97 0.73 0.00	41.73 1.33 0.00	48.88 1.74 0.00	58.54 2.57 -0.03	51.52 2.36 -0.06	43.62 1.48 -1.03	40.81 1.30 -4.26	36.91 1.13 -2.62	34.68 0.80 -1.98	32.11 0.91 -0.94
SOUTH HAMPTN___IC 23720	32.11 2.62 0.00	31.15 2.41 0.00	30.23 2.32 0.00	29.63 2.07 0.00	30.15 1.79 0.00	32.78 1.14 0.00	43.49 1.79 0.00	51.13 2.48 0.00	40.89 2.06 0.00	33.97 1.34 0.00	31.62 2.15 0.00	30.97 1.94 0.00	30.60 1.79 0.00	31.97 2.01 0.00	35.66 2.42 0.00	43.96 3.56 -0.01	54.37 4.86 -2.38	67.13 5.48 -5.71	58.89 4.37 -5.41	52.99 4.36 -7.52	48.18 3.70 -9.23	44.84 3.58 -8.10	38.79 3.70 -3.19	34.62 3.48 -0.88
SOUTHDOW_115KV_TB1 355954	29.63 0.15 0.00	28.62 -0.11 0.00	27.78 -0.14 0.00	27.87 0.30 0.00	28.92 0.57 0.00	32.02 0.38 0.00	42.16 0.46 0.00	47.78 -0.88 0.00	39.22 0.39 0.00	33.64 1.01 0.00	30.12 0.65 0.00	30.01 0.99 0.00	29.59 0.78 0.00	30.47 0.51 0.00	33.67 0.43 0.00	39.75 -0.65 0.00	45.58 -1.56 0.00	53.36 -2.57 -0.01	46.81 -2.31 -0.01	38.75 -2.51 -0.15	33.72 -2.11 -0.59	31.40 -2.12 -0.36	29.84 -2.33 -0.28	28.26 -2.15 -0.15
SOUTHOLD_69_KV_BK 2 55809	32.14 2.65 0.00	31.18 2.44 0.00	30.18 2.26 0.00	29.58 2.01 0.00	30.09 1.73 0.00	33.25 1.61 0.00	43.74 2.04 0.00	51.77 3.11 0.00	40.93 2.10 0.00	34.00 1.37 0.00	31.56 2.09 0.00	31.00 1.97 0.00	31.12 2.31 0.00	32.39 2.43 0.00	35.76 2.53 0.00	44.00 3.60 -0.01	54.61 5.09 -2.38	67.63 5.98 -5.71	59.72 5.21 -5.41	53.57 4.93 -7.52	48.67 4.19 -9.23	45.27 4.01 -8.10	39.17 4.08 -3.19	34.95 3.81 -0.88
SOUTHOLD___IC 23719	32.08 2.60 0.00	31.12 2.38 0.00	30.18 2.26 0.00	29.58 2.01 0.00	30.12 1.76 0.00	32.78 1.14 0.00	43.53 1.83 0.00	51.28 2.63 0.00	40.93 2.10 0.00	34.00 1.37 0.00	31.53 2.06 0.00	31.00 1.97 0.00	30.60 1.79 0.00	32.00 2.04 0.00	35.76 2.52 0.00	44.00 3.59 -0.01	54.61 5.09 -2.38	67.63 5.99 -5.71	59.53 5.01 -5.41	53.56 4.93 -7.52	48.67 4.19 -9.23	45.27 4.01 -8.10	39.14 4.05 -3.19	34.95 3.81 -0.88
SOUTH_FORK_WT_PWR 323839	31.81 2.33 0.00	30.83 2.10 0.00	29.93 2.01 0.00	29.33 1.77 0.00	29.83 1.47 0.00	32.46 0.82 0.00	43.12 1.42 0.00	50.84 2.19 0.00	40.58 1.75 0.00	33.70 1.08 0.00	31.21 1.74 0.00	30.76 1.74 0.00	30.37 1.55 0.00	31.76 1.80 0.00	35.46 2.23 0.00	43.64 3.23 -0.01	54.28 4.76 -2.38	67.40 5.76 -5.71	59.38 4.86 -5.41	53.52 4.89 -7.52	48.64 4.16 -9.23	45.27 4.01 -8.10	39.14 4.05 -3.19	34.92 3.78 -0.88
SPIERFLS_115KV_TB 1 80737	30.63 1.15 0.00	29.89 1.15 0.00	28.98 1.06 0.00	28.53 0.96 0.00	29.32 0.96 0.00	32.97 1.33 0.00	43.70 2.00 0.00	51.09 2.43 0.00	40.54 1.71 0.00	33.84 1.21 0.00	30.38 0.91 0.00	29.86 0.84 0.00	29.62 0.81 0.00	30.89 0.93 0.00	34.23 1.00 0.00	41.85 1.45 0.00	48.98 1.84 0.00	58.31 2.35 -0.04	51.23 2.06 -0.07	43.77 1.56 -1.10	41.09 1.30 -4.54	37.15 1.19 -2.79	35.22 1.21 -2.11	33.04 1.79 -1.00
ST LAWRENCE____ 23600	26.71 -2.77 0.00	26.50 -2.24 0.00	26.02 -1.90 0.00	26.08 -1.49 0.00	26.71 -1.65 0.00	30.50 -1.14 0.00	40.87 -0.83 0.00	47.78 -0.87 0.00	37.70 -1.13 0.00	31.62 -1.01 0.00	28.85 -0.62 0.00	28.56 -0.47 0.00	28.53 -0.29 0.00	29.78 -0.18 0.00	32.97 -0.27 0.00	39.67 -0.73 0.00	46.43 -0.71 0.00	55.60 -0.33 0.00	48.42 -0.69 0.00	40.89 -0.25 -0.02	34.83 -0.49 -0.08	32.12 -1.09 -0.05	30.53 -1.40 -0.04	29.19 -1.09 -0.02
STATE_CA_115KV_115_LB 55624	30.13 0.65 0.00	29.43 0.69 0.00	28.59 0.67 0.00	28.20 0.63 0.00	28.92 0.57 0.00	32.27 0.63 0.00	42.66 0.96 0.00	49.87 1.22 0.00	39.65 0.82 0.00	33.18 0.55 0.00	30.03 0.56 0.00	29.54 0.52 0.00	29.33 0.52 0.00	30.53 0.57 0.00	33.90 0.66 0.00	41.36 0.97 0.00	48.32 1.18 0.00	57.53 1.57 -0.04	50.54 1.37 -0.06	43.26 1.07 -1.08	40.65 0.95 -4.46	36.80 0.90 -2.74	34.73 0.77 -2.07	31.94 0.70 -0.98

STATE_ST_34_KV_LOAD 55959	29.54 0.06 0.00	28.74 0.00 0.00	27.92 0.00 0.00	27.59 0.03 0.00	28.44 0.09 0.00	31.77 0.13 0.00	41.87 0.17 0.00	48.65 0.00 0.00	39.03 0.19 0.00	32.89 0.26 0.00	29.62 0.15 0.00	29.20 0.17 0.00	28.96 0.14 0.00	30.05 0.09 0.00	33.37 0.13 0.00	40.35 -0.04 0.00	47.00 -0.14 0.00	55.71 -0.22 0.00	48.92 -0.20 -0.01	41.04 -0.21 -0.13	35.63 -0.14 -0.53	33.35 -0.13 -0.32	31.95 -0.19 -0.25	30.19 -0.18 -0.12
STATION_5_MISC_HYD 23604	28.69 -0.79 0.00	27.82 -0.92 0.00	26.88 -1.03 0.00	26.68 -0.88 0.00	27.65 -0.71 0.00	30.76 -0.89 0.00	40.36 -1.34 0.00	46.51 -2.14 0.00	37.63 -1.20 0.00	31.98 -0.65 0.00	28.88 -0.59 0.00	28.56 -0.47 0.00	28.32 -0.49 0.00	29.24 -0.72 0.00	32.44 -0.80 0.00	38.90 -1.49 0.00	44.83 -2.31 0.00	52.91 -3.02 0.00	46.66 -2.45 -0.01	39.22 -2.01 -0.12	34.16 -1.59 -0.50	32.24 -1.23 -0.31	30.79 -1.34 -0.23	29.37 -1.00 -0.11
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	28.98 -0.50 0.00	28.16 -0.57 0.00	27.36 -0.56 0.00	27.10 -0.47 0.00	28.05 -0.31 0.00	31.29 -0.35 0.00	41.16 -0.54 0.00	47.49 -1.17 0.00	38.40 -0.43 0.00	32.53 -0.10 0.00	29.23 -0.24 0.00	28.96 -0.06 0.00	28.67 -0.14 0.00	29.66 -0.30 0.00	32.97 -0.27 0.00	39.71 -0.69 0.00	45.91 -1.23 0.00	54.25 -1.68 0.00	47.74 -1.37 -0.01	40.13 -1.11 -0.12	34.86 -0.88 -0.50	32.74 -0.73 -0.31	31.27 -0.86 -0.23	29.67 -0.70 -0.11
STA_56_34_KV_BUS2_REV_LBMP_B 345033	28.42 -1.06 0.00	27.59 -1.15 0.00	26.80 -1.12 0.00	26.57 -0.99 0.00	27.51 -0.85 0.00	30.63 -1.01 0.00	40.16 -1.54 0.00	46.22 -2.43 0.00	37.51 -1.32 0.00	31.85 -0.78 0.00	28.64 -0.83 0.00	28.44 -0.58 0.00	28.15 -0.66 0.00	29.12 -0.84 0.00	32.34 -0.90 0.00	38.78 -1.62 0.00	44.78 -2.36 0.00	52.80 -3.13 0.00	46.56 -2.55 -0.01	39.14 -2.10 -0.12	34.08 -1.66 -0.49	32.14 -1.33 -0.30	30.69 -1.44 -0.23	29.25 -1.12 -0.11
STA_56___34_KV_BUS2 355983	28.42 -1.06 0.00	27.59 -1.15 0.00	26.80 -1.12 0.00	26.57 -0.99 0.00	27.51 -0.85 0.00	30.63 -1.01 0.00	40.16 -1.54 0.00	46.22 -2.43 0.00	37.51 -1.32 0.00	31.85 -0.78 0.00	28.64 -0.83 0.00	28.44 -0.58 0.00	28.15 -0.66 0.00	29.12 -0.84 0.00	32.34 -0.90 0.00	38.78 -1.62 0.00	44.78 -2.36 0.00	52.80 -3.13 0.00	46.56 -2.55 -0.01	39.14 -2.10 -0.12	34.08 -1.66 -0.49	32.14 -1.33 -0.30	30.69 -1.44 -0.23	29.25 -1.12 -0.11
STA_67___115KV_BK2 355882	28.51 -0.97 0.00	27.64 -1.09 0.00	26.85 -1.06 0.00	26.65 -0.91 0.00	27.59 -0.77 0.00	30.69 -0.95 0.00	40.24 -1.46 0.00	46.22 -2.43 0.00	37.55 -1.28 0.00	31.91 -0.72 0.00	28.70 -0.77 0.00	28.50 -0.52 0.00	28.21 -0.61 0.00	29.18 -0.78 0.00	32.37 -0.86 0.00	38.78 -1.62 0.00	44.74 -2.40 0.00	52.74 -3.19 0.00	46.51 -2.60 -0.01	39.14 -2.10 -0.12	34.09 -1.66 -0.50	32.17 -1.29 -0.31	30.76 -1.37 -0.23	29.31 -1.06 -0.11
STA_7___115KV_9TRANS 80674	28.63 -0.86 0.00	27.79 -0.95 0.00	26.97 -0.95 0.00	26.79 -0.77 0.00	27.73 -0.62 0.00	30.85 -0.79 0.00	40.49 -1.21 0.00	46.51 -2.14 0.00	37.78 -1.05 0.00	32.14 -0.49 0.00	28.88 -0.59 0.00	28.70 -0.32 0.00	28.38 -0.43 0.00	29.36 -0.60 0.00	32.60 -0.63 0.00	39.10 -1.29 0.00	45.07 -2.07 0.00	53.14 -2.80 0.00	46.90 -2.21 -0.01	39.43 -1.81 -0.12	34.33 -1.41 -0.50	32.41 -1.06 -0.31	30.92 -1.21 -0.23	29.46 -0.91 -0.11
STA_82___115KV_TB1 80780	28.51 -0.97 0.00	27.67 -1.06 0.00	26.85 -1.06 0.00	26.65 -0.91 0.00	27.59 -0.77 0.00	30.69 -0.95 0.00	40.24 -1.46 0.00	46.22 -2.43 0.00	37.55 -1.28 0.00	31.94 -0.69 0.00	28.70 -0.77 0.00	28.53 -0.49 0.00	28.21 -0.61 0.00	29.18 -0.78 0.00	32.41 -0.83 0.00	38.82 -1.58 0.00	44.74 -2.40 0.00	52.74 -3.19 0.00	46.51 -2.60 -0.01	39.14 -2.10 -0.12	34.12 -1.62 -0.50	32.21 -1.26 -0.31	30.76 -1.37 -0.23	29.31 -1.06 -0.11
STEEL___WIND 323596	28.84 -0.65 0.00	27.88 -0.86 0.00	26.88 -1.03 0.00	26.88 -0.69 0.00	27.90 -0.45 0.00	30.85 -0.79 0.00	40.45 -1.25 0.00	45.98 -2.68 0.00	37.59 -1.24 0.00	32.30 -0.33 0.00	29.15 -0.32 0.00	28.88 -0.14 0.00	28.64 -0.17 0.00	29.39 -0.57 0.00	32.54 -0.70 0.00	38.42 -1.98 0.00	44.08 -3.06 0.00	51.68 -4.25 -0.01	45.48 -3.63 -0.01	37.92 -3.33 -0.13	33.06 -2.71 -0.53	31.07 -2.42 -0.33	29.63 -2.52 -0.25	28.25 -2.15 -0.14
STEPHTWN_115KV_BK_2 55603	30.28 0.80 0.00	29.57 0.83 0.00	28.72 0.81 0.00	28.31 0.74 0.00	29.07 0.71 0.00	32.46 0.82 0.00	42.95 1.25 0.00	50.21 1.56 0.00	39.88 1.05 0.00	33.35 0.72 0.00	30.18 0.71 0.00	29.69 0.67 0.00	29.45 0.63 0.00	30.65 0.69 0.00	34.07 0.83 0.00	41.57 1.17 0.00	48.60 1.46 0.00	57.92 1.96 -0.04	50.89 1.72 -0.06	43.54 1.36 -1.07	40.83 1.16 -4.42	37.00 1.13 -2.72	34.91 0.96 -2.05	32.08 0.85 -0.97
STEUBEN_REC_LFGE 323667	29.37 -0.12 0.00	28.51 -0.23 0.00	27.75 -0.17 0.00	27.59 0.03 0.00	28.64 0.28 0.00	31.89 0.25 0.00	42.07 0.38 0.00	48.26 -0.39 0.00	39.26 0.43 0.00	33.45 0.82 0.00	29.94 0.47 0.00	29.66 0.64 0.00	29.30 0.49 0.00	30.23 0.27 0.00	33.57 0.33 0.00	39.99 -0.40 0.00	46.20 -0.94 0.00	54.31 -1.62 -0.01	47.60 -1.52 -0.01	39.76 -1.56 -0.20	34.77 -1.30 -0.83	32.35 -1.33 -0.51	30.72 -1.56 -0.39	28.97 -1.48 -0.19
STILLWATER___SOLAR 323814	30.81 1.33 0.00	30.03 1.29 0.00	29.14 1.23 0.00	28.75 1.18 0.00	29.52 1.16 0.00	33.10 1.46 0.00	43.87 2.17 0.00	51.23 2.58 0.00	40.66 1.83 0.00	33.97 1.34 0.00	30.53 1.06 0.00	30.04 1.02 0.00	29.79 0.98 0.00	31.07 1.11 0.00	34.60 1.36 0.00	42.29 1.90 0.00	49.45 2.31 0.00	58.87 2.91 -0.04	51.72 2.55 -0.07	44.22 2.01 -1.09	41.49 1.73 -4.52	37.53 1.59 -2.78	35.47 1.47 -2.10	32.80 1.54 -1.00
STONY___BROOK 24151	32.08 2.60 0.00	31.12 2.38 0.00	30.15 2.23 0.00	29.58 2.01 0.00	30.23 1.87 0.00	33.22 1.58 0.00	44.24 2.54 0.00	51.91 3.26 0.00	41.63 2.80 0.00	34.62 1.99 0.00	31.83 2.36 0.00	31.14 2.12 0.00	30.77 1.96 0.00	32.27 2.31 0.00	36.09 2.86 0.00	44.24 3.84 -0.01	54.28 4.76 -2.39	66.92 5.26 -5.74	59.16 4.61 -5.44	52.85 4.20 -7.54	48.02 3.52 -9.25	44.70 3.42 -8.12	38.44 3.35 -3.20	34.23 3.09 -0.88
STURGEON_POOL_HYD 23609	31.25 1.77 0.00	30.35 1.61 0.00	29.45 1.54 0.00	28.97 1.41 0.00	29.72 1.36 0.00	33.13 1.49 0.00	43.95 2.25 0.00	51.62 2.97 0.00	41.16 2.33 0.00	34.62 1.99 0.00	31.21 1.74 0.00	30.56 1.54 0.00	30.40 1.58 0.00	31.70 1.74 0.00	35.20 1.96 0.00	42.98 2.59 0.00	50.25 3.11 0.00	59.65 3.69 -0.03	52.45 3.29 -0.06	44.66 2.59 -0.95	41.37 2.19 -3.94	37.60 2.02 -2.42	35.48 1.75 -1.83	32.79 1.66 -0.87
ST_LAW_115_BK7_LBMP 345037	26.68 -2.80 0.00	26.47 -2.27 0.00	26.02 -1.90 0.00	26.05 -1.52 0.00	26.71 -1.65 0.00	30.50 -1.14 0.00	40.87 -0.83 0.00	47.83 -0.83 0.00	37.70 -1.13 0.00	31.62 -1.01 0.00	28.85 -0.62 0.00	28.59 -0.43 0.00	28.53 -0.29 0.00	29.81 -0.15 0.00	32.97 -0.27 0.00	39.67 -0.73 0.00	46.48 -0.66 0.00	55.60 -0.33 0.00	48.42 -0.69 0.00	40.89 -0.25 -0.02	34.87 -0.46 -0.08	32.12 -1.09 -0.05	30.53 -1.40 -0.04	29.16 -1.12 -0.02

ST_LAW_115_BK8_LBMP 345038	26.68 -2.80 0.00	26.47 -2.27 0.00	26.02 -1.90 0.00	26.05 -1.52 0.00	26.71 -1.65 0.00	30.50 -1.14 0.00	40.87 -0.83 0.00	47.83 -0.83 0.00	37.70 -1.13 0.00	31.62 -1.01 0.00	28.85 -0.62 0.00	28.59 -0.43 0.00	28.53 -0.29 0.00	29.81 -0.15 0.00	32.97 -0.27 0.00	39.67 -0.73 0.00	46.48 -0.66 0.00	55.60 -0.33 0.00	48.42 -0.69 0.00	40.89 -0.25 -0.02	34.87 -0.46 -0.08	32.12 -1.09 -0.05	30.53 -1.40 -0.04	29.16 -1.12 -0.02
ST_LAW_230_BK5_LBMP 345035	26.71 -2.77 0.00	26.50 -2.24 0.00	26.02 -1.90 0.00	26.08 -1.49 0.00	26.71 -1.65 0.00	30.50 -1.14 0.00	40.87 -0.83 0.00	47.78 -0.87 0.00	37.70 -1.13 0.00	31.62 -1.01 0.00	28.85 -0.62 0.00	28.56 -0.47 0.00	28.53 -0.29 0.00	29.78 -0.18 0.00	32.97 -0.27 0.00	39.67 -0.73 0.00	46.43 -0.71 0.00	55.60 -0.33 0.00	48.42 -0.69 0.00	40.89 -0.25 -0.02	34.83 -0.49 -0.08	32.12 -1.09 -0.05	30.53 -1.40 -0.04	29.19 -1.09 -0.02
ST_LAW_230_BK6_LBMP 345036	26.71 -2.77 0.00	26.50 -2.24 0.00	26.02 -1.90 0.00	26.08 -1.49 0.00	26.71 -1.65 0.00	30.50 -1.14 0.00	40.87 -0.83 0.00	47.78 -0.87 0.00	37.70 -1.13 0.00	31.62 -1.01 0.00	28.85 -0.62 0.00	28.56 -0.47 0.00	28.53 -0.29 0.00	29.78 -0.18 0.00	32.97 -0.27 0.00	39.67 -0.73 0.00	46.43 -0.71 0.00	55.60 -0.33 0.00	48.42 -0.69 0.00	40.89 -0.25 -0.02	34.83 -0.49 -0.08	32.12 -1.09 -0.05	30.53 -1.40 -0.04	29.19 -1.09 -0.02
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	31.19 1.71 0.00	30.29 1.55 0.00	29.42 1.51 0.00	28.94 1.38 0.00	29.69 1.33 0.00	33.13 1.49 0.00	43.91 2.21 0.00	51.57 2.92 0.00	41.12 2.29 0.00	34.55 1.93 0.00	31.21 1.74 0.00	30.62 1.60 0.00	30.43 1.61 0.00	31.70 1.74 0.00	35.16 1.93 0.00	42.90 2.50 0.00	50.20 3.06 0.00	59.59 3.64 -0.03	52.40 3.24 -0.05	44.78 2.75 -0.91	41.30 2.29 -3.76	37.63 2.16 -2.31	35.56 1.91 -1.75	32.87 1.79 -0.83
SWANROAD_115KV_TB1 355699	27.57 -1.92 0.00	26.64 -2.10 0.00	25.88 -2.04 0.00	25.83 -1.74 0.00	26.80 -1.56 0.00	29.65 -1.99 0.00	38.65 -3.04 0.00	43.54 -5.11 0.00	35.92 -2.91 0.00	30.93 -1.70 0.00	27.70 -1.77 0.00	27.69 -1.34 0.00	27.34 -1.47 0.00	28.13 -1.83 0.00	31.18 -2.06 0.00	36.76 -3.64 0.00	42.05 -5.09 0.00	49.17 -6.77 0.00	43.47 -5.65 -0.01	36.47 -4.77 -0.12	31.85 -3.88 -0.49	30.28 -3.18 -0.30	28.87 -3.25 -0.23	27.76 -2.63 -0.13
SYNERGY___BIOGAS 323694	28.78 -0.71 0.00	27.82 -0.92 0.00	26.85 -1.06 0.00	26.76 -0.80 0.00	27.82 -0.54 0.00	30.88 -0.76 0.00	40.58 -1.12 0.00	46.61 -2.04 0.00	37.90 -0.93 0.00	32.40 -0.23 0.00	29.18 -0.29 0.00	28.91 -0.12 0.00	28.64 -0.17 0.00	29.45 -0.51 0.00	32.70 -0.53 0.00	38.90 -1.49 0.00	44.64 -2.50 0.00	52.58 -3.35 0.00	46.41 -2.70 -0.01	38.94 -2.30 -0.12	33.91 -1.83 -0.50	32.01 -1.46 -0.31	30.44 -1.69 -0.23	29.11 -1.27 -0.12
SYRACUSE___ENERGY_ST1 323597	29.40 -0.09 0.00	28.62 -0.11 0.00	27.80 -0.11 0.00	27.45 -0.11 0.00	28.30 -0.06 0.00	31.55 -0.09 0.00	41.49 -0.21 0.00	48.31 -0.34 0.00	38.68 -0.16 0.00	32.56 -0.07 0.00	29.38 -0.09 0.00	28.96 -0.06 0.00	28.73 -0.09 0.00	29.81 -0.15 0.00	33.10 -0.13 0.00	40.07 -0.32 0.00	46.67 -0.47 0.00	55.32 -0.62 0.00	48.57 -0.54 -0.01	40.73 -0.49 -0.10	35.28 -0.39 -0.43	33.09 -0.33 -0.26	31.81 -0.29 -0.20	30.08 -0.27 -0.09
SYRACUSE___ENERGY_ST2 323598	29.40 -0.09 0.00	28.62 -0.11 0.00	27.80 -0.11 0.00	27.45 -0.11 0.00	28.30 -0.06 0.00	31.55 -0.09 0.00	41.49 -0.21 0.00	48.31 -0.34 0.00	38.68 -0.16 0.00	32.56 -0.07 0.00	29.38 -0.09 0.00	28.96 -0.06 0.00	28.73 -0.09 0.00	29.81 -0.15 0.00	33.10 -0.13 0.00	40.07 -0.32 0.00	46.67 -0.47 0.00	55.32 -0.62 0.00	48.57 -0.54 -0.01	40.73 -0.49 -0.10	35.28 -0.39 -0.43	33.09 -0.33 -0.26	31.81 -0.29 -0.20	30.08 -0.27 -0.09
SYRACUSE___POWER 24017	29.34 -0.15 0.00	28.56 -0.17 0.00	27.75 -0.17 0.00	27.40 -0.17 0.00	28.24 -0.11 0.00	31.48 -0.16 0.00	41.41 -0.29 0.00	48.22 -0.44 0.00	38.60 -0.23 0.00	32.53 -0.10 0.00	29.32 -0.15 0.00	28.91 -0.12 0.00	28.67 -0.14 0.00	29.75 -0.21 0.00	33.04 -0.20 0.00	40.03 -0.36 0.00	46.62 -0.52 0.00	55.26 -0.67 0.00	48.52 -0.59 -0.01	40.69 -0.53 -0.11	35.27 -0.42 -0.44	33.07 -0.36 -0.27	31.75 -0.35 -0.21	30.02 -0.33 -0.10
TALLMAN___138KV_BK151 55660	31.31 1.83 0.00	30.40 1.67 0.00	29.51 1.59 0.00	29.03 1.46 0.00	29.75 1.39 0.00	33.22 1.58 0.00	43.99 2.29 0.00	51.77 3.11 0.00	41.28 2.45 0.00	34.72 2.09 0.00	31.39 1.92 0.00	30.79 1.77 0.00	30.60 1.79 0.00	31.88 1.92 0.00	35.33 2.09 0.00	43.10 2.71 0.00	50.44 3.30 0.00	59.87 3.92 -0.03	52.60 3.44 -0.06	45.00 2.96 -0.92	41.54 2.47 -3.83	37.83 2.32 -2.35	35.75 2.07 -1.78	33.01 1.91 -0.84
TEALLAVE_115KV_TB7 355573	29.22 -0.27 0.00	28.45 -0.29 0.00	27.64 -0.28 0.00	27.29 -0.28 0.00	28.13 -0.23 0.00	31.36 -0.28 0.00	41.20 -0.50 0.00	47.97 -0.68 0.00	38.40 -0.43 0.00	32.37 -0.26 0.00	29.20 -0.27 0.00	28.79 -0.23 0.00	28.55 -0.26 0.00	29.63 -0.33 0.00	32.90 -0.33 0.00	39.83 -0.57 0.00	46.39 -0.75 0.00	54.98 -0.95 0.00	48.28 -0.83 -0.01	40.47 -0.74 -0.09	35.02 -0.60 -0.37	32.86 -0.53 -0.23	31.62 -0.45 -0.17	29.92 -0.42 -0.08
TELGRAPH_34_KV_EAST 80808	28.22 -1.27 0.00	27.30 -1.44 0.00	26.49 -1.42 0.00	26.46 -1.10 0.00	27.45 -0.91 0.00	30.41 -1.23 0.00	39.82 -1.88 0.00	45.34 -3.31 0.00	37.28 -1.55 0.00	31.98 -0.65 0.00	28.64 -0.83 0.00	28.59 -0.44 0.00	28.24 -0.58 0.00	29.09 -0.87 0.00	32.27 -0.96 0.00	38.25 -2.14 0.00	43.84 -3.30 0.00	51.40 -4.53 0.00	45.43 -3.68 -0.01	38.07 -3.17 -0.12	33.20 -2.54 -0.50	31.41 -2.06 -0.31	29.93 -2.20 -0.23	28.63 -1.75 -0.13
TEMPLE___115KV_TB 2 55572	29.25 -0.24 0.00	28.45 -0.29 0.00	27.66 -0.25 0.00	27.32 -0.25 0.00	28.13 -0.23 0.00	31.36 -0.28 0.00	41.24 -0.46 0.00	48.02 -0.63 0.00	38.44 -0.39 0.00	32.40 -0.23 0.00	29.23 -0.24 0.00	28.82 -0.20 0.00	28.58 -0.23 0.00	29.66 -0.30 0.00	32.90 -0.33 0.00	39.87 -0.53 0.00	46.43 -0.71 0.00	54.98 -0.95 0.00	48.28 -0.83 -0.01	40.47 -0.74 -0.09	35.02 -0.60 -0.38	32.90 -0.50 -0.23	31.63 -0.45 -0.18	29.95 -0.39 -0.08
TIANA____69_KV_BK 1 55817	32.17 2.68 0.00	31.24 2.50 0.00	30.23 2.32 0.00	29.63 2.07 0.00	30.14 1.79 0.00	33.32 1.68 0.00	43.74 2.04 0.00	51.62 2.97 0.00	40.93 2.10 0.00	34.00 1.37 0.00	31.68 2.21 0.00	30.97 1.94 0.00	31.12 2.31 0.00	32.36 2.40 0.00	35.63 2.39 0.00	43.96 3.55 -0.01	54.32 4.81 -2.38	67.07 5.43 -5.71	58.99 4.47 -5.41	52.91 4.28 -7.52	48.07 3.59 -9.23	44.77 3.52 -8.10	38.72 3.64 -3.19	34.53 3.39 -0.88
TILDEN___115KV_TB1 80814	29.34 -0.15 0.00	28.56 -0.17 0.00	27.75 -0.17 0.00	27.40 -0.17 0.00	28.24 -0.11 0.00	31.48 -0.16 0.00	41.41 -0.29 0.00	48.22 -0.44 0.00	38.60 -0.23 0.00	32.53 -0.10 0.00	29.32 -0.15 0.00	28.91 -0.12 0.00	28.67 -0.14 0.00	29.75 -0.21 0.00	33.04 -0.20 0.00	40.03 -0.36 0.00	46.62 -0.52 0.00	55.26 -0.67 0.00	48.52 -0.59 -0.01	40.69 -0.53 -0.11	35.27 -0.42 -0.44	33.07 -0.36 -0.27	31.75 -0.35 -0.21	30.02 -0.33 -0.10

TRIGEN___CC 323695	31.67 2.18 0.00	30.72 1.98 0.00	29.76 1.84 0.00	29.19 1.63 0.00	29.89 1.53 0.00	33.35 1.71 0.00	44.28 2.59 0.00	52.11 3.45 0.00	41.51 2.68 0.00	34.72 2.09 0.00	31.65 2.18 0.00	30.97 1.94 0.00	30.86 2.05 0.00	32.24 2.28 0.00	35.83 2.59 0.00	43.68 3.27 -0.02	54.83 3.77 -3.92	69.72 4.36 -9.43	62.47 3.88 -9.48	56.30 3.37 -11.82	50.80 2.85 -12.70	47.75 2.79 -11.81	38.59 2.62 -4.08	33.53 2.39 -0.88
TRINITY___115KV___4 BK 55933	30.07 0.59 0.00	29.34 0.60 0.00	28.50 0.59 0.00	28.12 0.55 0.00	28.84 0.48 0.00	32.18 0.54 0.00	42.49 0.79 0.00	49.72 1.07 0.00	39.53 0.70 0.00	33.05 0.42 0.00	29.94 0.47 0.00	29.46 0.44 0.00	29.25 0.43 0.00	30.44 0.48 0.00	33.77 0.53 0.00	41.24 0.85 0.00	48.18 1.04 0.00	57.31 1.34 -0.04	50.35 1.18 -0.06	43.13 0.95 -1.07	40.52 0.85 -4.43	36.68 0.80 -2.72	34.66 0.70 -2.06	31.84 0.61 -0.98
UNION___PROCESSING_DRP 323587	28.51 -0.97 0.00	27.67 -1.06 0.00	26.85 -1.06 0.00	26.65 -0.91 0.00	27.59 -0.77 0.00	30.69 -0.95 0.00	40.24 -1.46 0.00	46.22 -2.43 0.00	37.55 -1.28 0.00	31.94 -0.69 0.00	28.70 -0.77 0.00	28.53 -0.49 0.00	28.24 -0.58 0.00	29.18 -0.78 0.00	32.41 -0.83 0.00	38.82 -1.58 0.00	44.78 -2.36 0.00	52.74 -3.19 0.00	46.56 -2.55 -0.01	39.14 -2.10 -0.12	34.12 -1.62 -0.50	32.21 -1.26 -0.31	30.76 -1.37 -0.23	29.34 -1.03 -0.11
UPPER HUDSON___HYD 24058	30.60 1.12 0.00	29.86 1.12 0.00	28.98 1.06 0.00	28.53 0.96 0.00	29.35 0.99 0.00	32.97 1.33 0.00	43.74 2.04 0.00	51.08 2.43 0.00	40.54 1.71 0.00	33.84 1.21 0.00	30.38 0.91 0.00	29.86 0.84 0.00	29.62 0.81 0.00	30.89 0.93 0.00	34.23 1.00 0.00	41.85 1.45 0.00	48.98 1.84 0.00	58.31 2.35 -0.04	51.23 2.06 -0.07	43.77 1.56 -1.10	41.09 1.30 -4.54	37.14 1.19 -2.79	35.22 1.21 -2.11	33.04 1.78 -1.00
UPPER RAQUET___HYD 24056	27.04 -2.45 0.00	26.78 -1.96 0.00	26.35 -1.56 0.00	26.41 -1.16 0.00	27.11 -1.25 0.00	31.01 -0.63 0.00	41.62 -0.08 0.00	48.80 0.15 0.00	38.79 -0.04 0.00	32.40 -0.23 0.00	29.53 0.06 0.00	29.23 0.20 0.00	29.19 0.37 0.00	30.44 0.48 0.00	33.67 0.43 0.00	40.56 0.16 0.00	47.56 0.42 0.00	57.05 1.12 0.00	49.74 0.64 0.00	41.96 0.82 -0.03	35.74 0.39 -0.11	32.76 -0.46 -0.07	31.05 -0.89 -0.05	29.59 -0.69 -0.02
VALLEY44_115KV_TB2 355964	29.07 -0.41 0.00	28.02 -0.72 0.00	27.22 -0.70 0.00	27.23 -0.33 0.00	28.22 -0.14 0.00	31.20 -0.44 0.00	40.99 -0.71 0.00	46.46 -2.19 0.00	38.13 -0.70 0.00	32.76 0.13 0.00	29.44 -0.03 0.00	29.25 0.23 0.00	28.87 0.06 0.00	29.66 -0.30 0.00	32.77 -0.47 0.00	38.82 -1.58 0.00	44.78 -2.36 0.00	52.75 -3.19 -0.01	46.27 -2.85 -0.01	38.27 -3.00 -0.15	33.14 -2.71 -0.61	30.66 -2.89 -0.38	29.19 -3.00 -0.29	27.48 -2.94 -0.16
VALLEY___115KV_TB 1-4 80826	30.07 0.59 0.00	29.37 0.63 0.00	28.59 0.67 0.00	28.25 0.69 0.00	29.09 0.74 0.00	32.53 0.89 0.00	43.03 1.33 0.00	50.36 1.70 0.00	40.15 1.32 0.00	33.74 1.11 0.00	30.47 1.00 0.00	30.01 0.99 0.00	29.82 1.01 0.00	31.01 1.05 0.00	34.40 1.16 0.00	41.69 1.29 0.00	48.70 1.56 0.00	57.66 1.73 0.00	50.53 1.42 0.00	42.20 1.07 -0.01	36.18 0.88 -0.06	33.93 0.73 -0.04	32.59 0.67 -0.03	30.88 0.61 -0.01
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	30.93 1.44 0.00	30.17 1.44 0.00	29.31 1.40 0.00	28.89 1.32 0.00	29.75 1.39 0.00	33.25 1.61 0.00	44.03 2.34 0.00	51.57 2.92 0.00	41.12 2.29 0.00	34.52 1.89 0.00	31.06 1.59 0.00	30.50 1.48 0.00	30.28 1.47 0.00	31.49 1.53 0.00	35.00 1.76 0.00	42.58 2.18 0.00	49.83 2.69 0.00	59.13 3.19 -0.01	51.93 2.80 -0.03	43.85 2.30 -0.43	38.98 1.94 -1.80	35.93 1.66 -1.11	34.23 1.50 -0.84	31.96 1.30 -0.40
VISCHER___FERRY HYD 24020	30.60 1.12 0.00	29.86 1.12 0.00	28.98 1.06 0.00	28.58 1.02 0.00	29.32 0.96 0.00	32.84 1.20 0.00	43.45 1.75 0.00	50.79 2.14 0.00	40.31 1.48 0.00	33.67 1.04 0.00	30.35 0.88 0.00	29.86 0.84 0.00	29.65 0.84 0.00	30.95 0.99 0.00	34.40 1.16 0.00	42.05 1.66 0.00	49.21 2.07 0.00	58.48 2.52 -0.04	51.38 2.21 -0.06	44.00 1.81 -1.08	41.30 1.59 -4.47	37.37 1.46 -2.75	35.31 1.34 -2.08	32.48 1.24 -0.98
V_A_10_SYNC_DSASP 323832	28.16 -1.33 0.00	27.24 -1.50 0.00	26.30 -1.62 0.00	26.19 -1.38 0.00	27.17 -1.19 0.00	30.09 -1.55 0.00	39.36 -2.33 0.00	44.95 -3.70 0.00	36.58 -2.25 0.00	31.36 -1.27 0.00	28.32 -1.15 0.00	28.04 -0.99 0.00	27.80 -1.01 0.00	28.61 -1.35 0.00	31.67 -1.56 0.00	37.57 -2.83 0.00	43.13 -4.01 0.00	50.73 -5.20 0.00	44.74 -4.37 -0.01	37.68 -3.58 -0.14	33.05 -2.79 -0.59	31.34 -2.19 -0.36	29.91 -2.26 -0.27	28.65 -1.72 -0.12
V_CMM_10_SYNC_DSASP 323787	26.83 -2.65 0.00	26.58 -2.16 0.00	26.13 -1.79 0.00	26.21 -1.35 0.00	26.85 -1.50 0.00	30.69 -0.95 0.00	41.07 -0.62 0.00	48.07 -0.58 0.00	37.90 -0.93 0.00	31.78 -0.85 0.00	29.00 -0.47 0.00	28.73 -0.29 0.00	28.70 -0.11 0.00	29.96 0.00 0.00	33.14 -0.10 0.00	39.87 -0.53 0.00	46.67 -0.47 0.00	55.87 -0.06 0.00	48.66 -0.44 0.00	41.09 -0.04 -0.02	35.01 -0.32 -0.08	32.25 -0.96 -0.05	30.63 -1.31 -0.04	29.28 -1.00 -0.02
V_CMP_10_SYNC_DSASP 323788	26.57 -2.92 0.00	26.44 -2.30 0.00	25.99 -1.93 0.00	26.10 -1.46 0.00	26.80 -1.56 0.00	30.72 -0.92 0.00	41.32 -0.38 0.00	48.46 -0.19 0.00	38.29 -0.54 0.00	32.17 -0.46 0.00	29.41 -0.06 0.00	29.20 0.18 0.00	29.19 0.37 0.00	30.53 0.57 0.00	33.80 0.56 0.00	40.76 0.36 0.00	47.75 0.61 0.00	57.16 1.23 0.00	49.79 0.69 0.00	42.04 0.90 -0.02	35.78 0.46 -0.08	32.91 -0.30 -0.05	31.17 -0.77 -0.04	29.76 -0.51 -0.02
V_D_10_SYNC_DSASP 323841	26.98 -2.51 0.00	26.75 -1.98 0.00	26.30 -1.62 0.00	26.38 -1.18 0.00	27.03 -1.33 0.00	30.91 -0.73 0.00	41.41 -0.29 0.00	48.46 -0.19 0.00	38.25 -0.58 0.00	32.04 -0.59 0.00	29.23 -0.24 0.00	28.96 -0.06 0.00	28.93 0.12 0.00	30.20 0.24 0.00	33.40 0.17 0.00	40.19 -0.20 0.00	47.05 -0.09 0.00	56.32 0.39 0.00	49.06 -0.05 0.00	41.43 0.29 -0.02	35.29 -0.04 -0.08	32.48 -0.73 -0.05	30.82 -1.12 -0.04	29.46 -0.82 -0.02
V_E_10_SYNC_DSASP 323830	31.72 2.24 0.00	31.04 2.30 0.00	30.15 2.23 0.00	29.74 2.18 0.00	30.82 2.47 0.00	34.58 2.94 0.00	46.04 4.34 0.00	54.10 5.45 0.00	42.87 4.04 0.00	35.79 3.16 0.00	32.09 2.62 0.00	31.49 2.47 0.00	31.26 2.45 0.00	32.48 2.52 0.00	36.19 2.96 0.00	43.95 3.56 0.00	51.71 4.57 0.00	61.42 5.48 -0.01	53.84 4.71 -0.02	45.12 3.66 -0.35	39.82 3.14 -1.44	36.50 2.45 -0.89	34.74 2.17 -0.67	32.39 1.82 -0.32
V_F_30_NSYNC___DSASP 323816	30.84 1.36 0.00	30.06 1.32 0.00	29.17 1.26 0.00	28.75 1.18 0.00	29.55 1.19 0.00	33.13 1.49 0.00	43.91 2.21 0.00	51.23 2.58 0.00	40.70 1.86 0.00	34.00 1.37 0.00	30.56 1.09 0.00	30.07 1.04 0.00	29.82 1.01 0.00	31.10 1.14 0.00	34.63 1.40 0.00	42.33 1.94 0.00	49.50 2.36 0.00	58.93 2.96 -0.04	51.77 2.60 -0.07	44.26 2.05 -1.09	41.54 1.76 -4.53	37.57 1.62 -2.78	35.50 1.50 -2.11	32.80 1.54 -1.00

V_F_30_SYNC_DSASP 323786	30.13 0.65 0.00	29.43 0.69 0.00	28.59 0.67 0.00	28.20 0.63 0.00	28.92 0.57 0.00	32.27 0.63 0.00	42.66 0.96 0.00	49.87 1.22 0.00	39.65 0.82 0.00	33.18 0.55 0.00	30.03 0.56 0.00	29.54 0.52 0.00	29.33 0.52 0.00	30.53 0.57 0.00	33.90 0.66 0.00	41.36 0.97 0.00	48.32 1.18 0.00	57.53 1.57 -0.04	50.54 1.37 -0.06	43.26 1.07 -1.07	40.65 0.95 -0.45	36.79 0.90 -0.90	34.73 0.77 -0.77	31.94 0.70 -0.98
V_XM_10_SYNC_DSASP 323789	26.57 -2.92 0.00	26.44 -2.30 0.00	25.99 -1.93 0.00	26.10 -1.46 0.00	26.80 -1.56 0.00	30.72 -0.92 0.00	41.32 -0.38 0.00	48.46 -0.19 0.00	38.29 -0.54 0.00	32.17 -0.46 0.00	29.41 -0.06 0.00	29.20 0.18 0.00	29.19 0.37 0.00	30.53 0.57 0.00	33.80 0.56 0.00	40.76 0.36 0.00	47.75 0.61 0.00	57.16 1.23 0.00	49.79 0.69 0.00	42.04 0.90 -0.02	35.78 0.46 -0.08	32.91 -0.30 -0.05	31.17 -0.77 -0.04	29.76 -0.51 -0.02
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	31.40 1.92 0.00	30.46 1.72 0.00	29.59 1.67 0.00	29.11 1.54 0.00	29.83 1.47 0.00	33.32 1.68 0.00	44.16 2.46 0.00	51.91 3.26 0.00	41.40 2.56 0.00	34.85 2.22 0.00	31.47 2.00 0.00	30.88 1.86 0.00	30.69 1.87 0.00	31.97 2.01 0.00	35.43 2.19 0.00	43.22 2.83 0.00	50.63 3.49 0.00	60.10 4.14 -0.03	52.79 3.63 -0.06	45.13 3.08 -0.93	41.66 2.57 -3.84	37.94 2.42 -2.36	35.85 2.17 -1.78	33.10 2.00 -0.85
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	31.61 2.12 0.00	30.69 1.95 0.00	29.79 1.87 0.00	29.27 1.71 0.00	29.97 1.62 0.00	33.48 1.84 0.00	44.37 2.67 0.00	52.30 3.65 0.00	41.71 2.87 0.00	35.14 2.51 0.00	31.77 2.30 0.00	31.17 2.15 0.00	31.00 2.19 0.00	32.30 2.34 0.00	35.80 2.56 0.00	43.59 3.19 0.00	50.96 3.82 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.47 3.41 -0.94	41.97 2.82 -3.91	38.25 2.69 -2.40	36.20 2.49 -1.82	33.42 2.30 -0.86
W50THST__13_KV_LOAD 356117	31.73 2.24 0.00	30.81 2.07 0.00	29.87 1.95 0.00	29.36 1.79 0.00	30.06 1.70 0.00	33.60 1.96 0.00	44.53 2.84 0.00	52.55 3.89 0.00	41.94 3.11 0.00	35.34 2.71 0.00	31.95 2.48 0.00	31.34 2.32 0.00	31.15 2.33 0.00	32.48 2.52 0.00	35.96 2.73 0.00	43.79 3.39 0.00	51.19 4.05 0.00	60.66 4.70 -0.03	53.34 4.17 -0.06	45.64 3.58 -0.94	42.11 2.96 -3.91	38.38 2.82 -2.40	36.33 2.62 -1.82	33.51 2.39 -0.86
WADING RIVER_IC_1 23522	32.08 2.60 0.00	31.12 2.38 0.00	30.18 2.26 0.00	29.58 2.01 0.00	30.03 1.67 0.00	32.56 0.92 0.00	43.07 1.37 0.00	50.60 1.95 0.00	40.50 1.67 0.00	33.64 1.01 0.00	31.50 2.03 0.00	30.82 1.80 0.00	30.46 1.64 0.00	31.76 1.80 0.00	35.33 2.10 0.00	43.67 3.27 -0.01	54.04 4.53 -2.38	66.50 4.86 -5.71	58.15 3.63 -5.41	52.54 3.91 -7.51	47.76 3.28 -9.23	44.51 3.25 -8.10	38.56 3.48 -3.19	34.38 3.24 -0.88
WADING RIVER_IC_2 23547	32.08 2.60 0.00	31.12 2.38 0.00	30.18 2.26 0.00	29.58 2.01 0.00	30.03 1.67 0.00	32.56 0.92 0.00	43.07 1.37 0.00	50.60 1.95 0.00	40.50 1.67 0.00	33.64 1.01 0.00	31.50 2.03 0.00	30.82 1.80 0.00	30.46 1.64 0.00	31.76 1.80 0.00	35.33 2.10 0.00	43.67 3.27 -0.01	54.04 4.53 -2.38	66.50 4.86 -5.71	58.15 3.63 -5.41	52.54 3.91 -7.51	47.76 3.28 -9.23	44.51 3.25 -8.10	38.56 3.48 -3.19	34.38 3.24 -0.88
WADING RIVER_IC_3 23601	32.08 2.60 0.00	31.12 2.38 0.00	30.18 2.26 0.00	29.58 2.01 0.00	30.03 1.67 0.00	32.56 0.92 0.00	43.07 1.37 0.00	50.60 1.95 0.00	40.50 1.67 0.00	33.64 1.01 0.00	31.50 2.03 0.00	30.82 1.80 0.00	30.46 1.64 0.00	31.76 1.80 0.00	35.33 2.10 0.00	43.67 3.27 -0.01	54.04 4.53 -2.38	66.50 4.86 -5.71	58.15 3.63 -5.41	52.54 3.91 -7.51	47.76 3.28 -9.23	44.51 3.25 -8.10	38.56 3.48 -3.19	34.38 3.24 -0.88
WALDENNY_12_KV_BK2 80841	28.60 -0.88 0.00	27.64 -1.09 0.00	26.83 -1.09 0.00	26.82 -0.74 0.00	27.82 -0.54 0.00	30.79 -0.85 0.00	40.32 -1.38 0.00	45.59 -3.07 0.00	37.55 -1.28 0.00	32.30 -0.33 0.00	28.94 -0.53 0.00	28.88 -0.15 0.00	28.53 -0.29 0.00	29.39 -0.57 0.00	32.54 -0.70 0.00	38.42 -1.98 0.00	44.03 -3.11 0.00	51.57 -4.36 -0.01	45.48 -3.63 -0.01	37.92 -3.33 -0.13	33.06 -2.71 -0.53	31.10 -2.39 -0.33	29.66 -2.49 -0.25	28.31 -2.09 -0.14
WALDEN__HYDRO 24148	31.34 1.86 0.00	30.43 1.70 0.00	29.56 1.65 0.00	29.08 1.52 0.00	29.83 1.47 0.00	33.29 1.65 0.00	44.16 2.46 0.00	51.86 3.21 0.00	41.32 2.49 0.00	34.69 2.06 0.00	31.30 1.83 0.00	30.68 1.65 0.00	30.51 1.70 0.00	31.79 1.83 0.00	35.30 2.06 0.00	43.10 2.71 0.00	50.44 3.30 0.00	59.93 3.97 -0.03	52.70 3.54 -0.06	45.00 2.96 -0.93	41.56 2.47 -3.85	37.81 2.29 -2.36	35.69 2.01 -1.79	33.01 1.91 -0.85
WARRENSBURG____ 23737	30.60 1.12 0.00	29.86 1.12 0.00	28.98 1.06 0.00	28.53 0.96 0.00	29.35 0.99 0.00	32.97 1.33 0.00	43.74 2.04 0.00	51.08 2.43 0.00	40.54 1.71 0.00	33.84 1.21 0.00	30.38 0.91 0.00	29.86 0.84 0.00	29.62 0.81 0.00	30.89 0.93 0.00	34.23 1.00 0.00	41.85 1.45 0.00	48.98 1.84 0.00	58.31 2.35 -0.04	51.23 2.06 -0.07	43.77 1.56 -1.10	41.09 1.30 -0.45	37.14 1.19 -0.79	35.22 1.21 -2.11	33.04 1.78 -1.00
WATERSIDE____6 8 9 23538	31.79 2.30 -0.01	30.87 2.13 -0.01	29.96 2.04 -0.01	29.42 1.85 -0.01	30.12 1.76 -0.01	33.57 1.93 0.00	44.24 2.54 0.00	52.06 3.41 0.00	41.67 2.83 0.00	35.14 2.51 0.00	31.80 2.33 0.00	31.20 2.18 0.00	31.00 2.19 0.00	32.33 2.37 0.00	35.80 2.56 0.00	43.55 3.15 0.00	50.86 3.72 0.00	60.21 4.25 -0.03	52.99 3.83 -0.06	45.43 3.37 -0.94	41.90 2.75 -3.91	38.25 2.69 -2.40	36.27 2.55 -1.82	33.57 2.45 -0.86
WATKINRD_115KV_LN8_ILLION 55919	29.96 0.47 0.00	29.23 0.49 0.00	28.42 0.50 0.00	28.06 0.50 0.00	28.90 0.54 0.00	32.27 0.63 0.00	42.66 0.96 0.00	49.82 1.17 0.00	39.73 0.89 0.00	33.38 0.75 0.00	30.15 0.68 0.00	29.69 0.67 0.00	29.48 0.66 0.00	30.65 0.69 0.00	34.03 0.80 0.00	41.28 0.89 0.00	48.22 1.08 0.00	57.22 1.29 0.00	50.14 1.03 0.00	41.99 0.86 -0.01	36.01 0.70 -0.06	33.76 0.56 -0.04	32.47 0.54 -0.03	30.76 0.48 -0.01
WATSON____69_KV_BK 1 55734	32.23 2.74 0.00	31.27 2.53 0.00	30.26 2.34 0.00	29.66 2.09 0.00	30.31 1.96 0.00	33.73 2.09 0.00	44.78 3.09 0.00	52.79 4.14 0.00	41.94 3.11 0.00	34.88 2.25 0.00	32.03 2.56 0.00	31.32 2.29 0.00	31.29 2.48 0.00	32.69 2.73 0.00	36.33 3.09 0.00	44.48 4.08 -0.01	54.53 4.95 -2.44	67.50 5.70 -5.87	59.70 5.01 -5.59	53.17 4.36 -7.70	48.33 3.70 -9.38	45.00 3.58 -8.25	38.57 3.44 -3.23	34.35 3.21 -0.88
WDELAWARE__HYD 323627	31.43 1.95 0.00	30.58 1.84 0.00	29.67 1.76 0.00	29.19 1.63 0.00	30.03 1.67 0.00	33.48 1.83 0.00	44.45 2.75 0.00	52.11 3.45 0.00	41.59 2.76 0.00	34.85 2.22 0.00	31.33 1.86 0.00	30.73 1.71 0.00	30.51 1.70 0.00	31.85 1.89 0.00	35.40 2.16 0.00	43.26 2.87 0.00	50.63 3.49 0.00	60.21 4.25 -0.03	52.94 3.78 -0.05	45.09 3.12 -0.86	41.40 2.61 -3.55	37.73 2.39 -2.18	35.59 2.04 -1.65	33.04 2.00 -0.78

WEST BABYLON___IC 23714	32.14 2.65 0.00	31.15 2.41 0.00	30.15 2.23 0.00	29.58 2.01 0.00	30.26 1.90 0.00	33.70 2.06 0.00	44.78 3.09 0.00	52.79 4.14 0.00	41.94 3.11 0.00	34.95 2.32 0.00	32.00 2.53 0.00	31.29 2.26 0.00	31.23 2.42 0.00	32.63 2.67 0.00	36.29 3.06 0.00	44.40 4.00 -0.01	54.48 4.76 -2.58	67.68 5.54 -6.21	59.93 4.86 -5.96	53.44 4.23 -8.09	48.54 3.59 -9.70	45.24 3.48 -8.59	38.52 3.32 -3.31	34.19 3.06 -0.88
WEST CANADA___HYD 24049	29.54 0.06 0.00	28.79 0.06 0.00	28.00 0.08 0.00	27.65 0.08 0.00	28.44 0.09 0.00	31.77 0.13 0.00	41.91 0.21 0.00	48.90 0.24 0.00	38.99 0.16 0.00	32.76 0.13 0.00	29.59 0.12 0.00	29.14 0.12 0.00	28.93 0.12 0.00	30.08 0.12 0.00	33.40 0.17 0.00	40.60 0.20 0.00	47.42 0.28 0.00	56.27 0.34 0.00	49.40 0.30 0.00	41.38 0.25 -0.01	35.48 0.18 -0.06	33.33 0.13 -0.04	32.02 0.10 -0.03	30.36 0.09 -0.01
WESTERN_NY_WIND 24143	28.54 -0.94 0.00	27.62 -1.12 0.00	26.80 -1.12 0.00	26.74 -0.83 0.00	27.76 -0.60 0.00	30.82 -0.82 0.00	40.41 -1.29 0.00	46.17 -2.48 0.00	37.86 -0.97 0.00	32.37 -0.26 0.00	28.97 -0.50 0.00	28.88 -0.15 0.00	28.53 -0.29 0.00	29.42 -0.54 0.00	32.67 -0.57 0.00	38.86 -1.54 0.00	44.59 -2.55 0.00	52.41 -3.52 0.00	46.31 -2.80 -0.01	38.85 -2.38 -0.12	33.84 -1.90 -0.50	31.94 -1.53 -0.31	30.41 -1.72 -0.23	29.05 -1.33 -0.12
WESTOVER___LESR 323668	29.96 0.47 0.00	29.11 0.37 0.00	28.28 0.36 0.00	27.95 0.39 0.00	28.81 0.45 0.00	32.15 0.51 0.00	42.37 0.67 0.00	49.24 0.58 0.00	39.53 0.70 0.00	33.38 0.75 0.00	30.06 0.59 0.00	29.63 0.61 0.00	29.36 0.55 0.00	30.47 0.51 0.00	33.80 0.57 0.00	40.88 0.48 0.00	47.61 0.47 0.00	56.44 0.50 -0.01	49.57 0.44 -0.02	41.68 0.25 -0.32	36.80 0.25 -1.31	34.13 0.17 -0.81	32.57 0.06 -0.61	30.61 0.06 -0.29
WETHRSFD_WT_PWR 323626	28.90 -0.59 0.00	27.99 -0.75 0.00	27.05 -0.87 0.00	26.93 -0.63 0.00	27.93 -0.42 0.00	31.01 -0.63 0.00	40.66 -1.04 0.00	46.51 -2.14 0.00	37.82 -1.01 0.00	32.37 -0.26 0.00	29.20 -0.27 0.00	28.88 -0.14 0.00	28.61 -0.20 0.00	29.42 -0.54 0.00	32.60 -0.63 0.00	38.70 -1.70 0.00	44.55 -2.59 0.00	52.24 -3.69 -0.01	45.92 -3.19 -0.01	38.31 -2.96 -0.16	33.49 -2.40 -0.65	31.37 -2.19 -0.40	29.87 -2.33 -0.30	28.39 -2.03 -0.16
WHAVSTOR_138KV_BK127 55557	31.28 1.80 0.00	30.37 1.64 0.00	29.51 1.59 0.00	29.03 1.46 0.00	29.75 1.39 0.00	33.19 1.55 0.00	43.99 2.29 0.00	51.72 3.07 0.00	41.24 2.41 0.00	34.72 2.09 0.00	31.39 1.92 0.00	30.76 1.74 0.00	30.60 1.79 0.00	31.88 1.92 0.00	35.33 2.09 0.00	43.06 2.67 0.00	50.39 3.25 0.00	59.82 3.86 -0.03	52.60 3.44 -0.06	44.96 2.92 -0.93	41.52 2.43 -3.84	37.81 2.29 -2.36	35.76 2.07 -1.79	33.01 1.91 -0.85
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.28 1.80 0.00	30.37 1.64 0.00	29.51 1.59 0.00	29.03 1.46 0.00	29.75 1.39 0.00	33.19 1.55 0.00	43.99 2.29 0.00	51.72 3.07 0.00	41.24 2.41 0.00	34.72 2.09 0.00	31.39 1.92 0.00	30.76 1.74 0.00	30.60 1.79 0.00	31.88 1.92 0.00	35.33 2.09 0.00	43.06 2.67 0.00	50.39 3.25 0.00	59.82 3.86 -0.03	52.60 3.44 -0.06	44.96 2.92 -0.93	41.52 2.43 -3.84	37.81 2.29 -2.36	35.76 2.07 -1.79	33.01 1.91 -0.85
WHITEHAL_115KV_TB1 80871	31.28 1.80 0.00	30.52 1.78 0.00	29.59 1.67 0.00	29.11 1.54 0.00	29.95 1.59 0.00	33.73 2.09 0.00	44.87 3.17 0.00	52.40 3.75 0.00	41.51 2.68 0.00	34.59 1.96 0.00	31.00 1.53 0.00	30.44 1.42 0.00	30.17 1.35 0.00	31.46 1.50 0.00	35.03 1.79 0.00	42.86 2.46 0.00	50.20 3.06 0.00	59.99 4.03 -0.04	52.71 3.54 -0.07	44.92 2.71 -1.09	42.04 2.26 -4.54	37.97 2.02 -2.79	35.92 1.91 -2.11	33.59 2.33 -1.00
WHITEPLN_13_KV_LOAD 356215	31.70 2.21 0.00	30.75 2.01 0.00	29.84 1.93 0.00	29.33 1.76 0.00	30.06 1.70 0.00	33.60 1.96 0.00	44.58 2.88 0.00	52.64 3.99 0.00	41.94 3.11 0.00	35.31 2.68 0.00	31.86 2.39 0.00	31.26 2.23 0.00	31.15 2.33 0.00	32.45 2.49 0.00	35.89 2.66 0.00	43.79 3.39 0.00	51.19 4.05 0.00	60.77 4.81 -0.03	53.48 4.32 -0.06	45.72 3.66 -0.94	42.18 3.03 -3.90	38.41 2.85 -2.40	36.30 2.58 -1.81	33.42 2.30 -0.86
WM_FLOYD_69_KV_BK2 356380	32.08 2.59 0.00	31.15 2.41 0.00	30.15 2.23 0.00	29.55 1.98 0.00	30.12 1.76 0.00	33.32 1.68 0.00	43.91 2.21 0.00	51.77 3.11 0.00	41.08 2.25 0.00	34.13 1.50 0.00	31.65 2.18 0.00	30.91 1.89 0.00	31.03 2.22 0.00	32.30 2.34 0.00	35.70 2.46 0.00	43.92 3.51 -0.01	54.09 4.57 -2.38	66.80 5.15 -5.72	58.85 4.32 -5.42	52.67 4.03 -7.52	47.87 3.38 -9.24	44.58 3.32 -8.11	38.50 3.41 -3.19	34.28 3.15 -0.88
WOODARD___115KV_TB2 355635	29.19 -0.29 0.00	28.42 -0.32 0.00	27.61 -0.31 0.00	27.26 -0.30 0.00	28.10 -0.26 0.00	31.29 -0.35 0.00	41.12 -0.58 0.00	47.92 -0.73 0.00	38.33 -0.50 0.00	32.30 -0.33 0.00	29.15 -0.32 0.00	28.73 -0.29 0.00	28.50 -0.32 0.00	29.57 -0.39 0.00	32.84 -0.40 0.00	39.75 -0.65 0.00	46.34 -0.80 0.00	54.87 -1.06 0.00	48.18 -0.93 -0.01	40.43 -0.78 -0.09	34.99 -0.63 -0.38	32.83 -0.56 -0.23	31.60 -0.48 -0.18	29.89 -0.45 -0.08
YORK___WARBASSE 23770	31.85 2.36 -0.01	30.93 2.18 -0.01	30.02 2.09 -0.01	29.47 1.90 -0.01	30.18 1.81 -0.01	33.63 1.99 0.00	44.37 2.67 0.00	52.16 3.50 0.00	41.67 2.83 0.00	35.17 2.55 0.00	31.80 2.33 0.00	31.20 2.18 0.00	31.00 2.19 0.00	32.33 2.37 0.00	35.80 2.56 0.00	43.59 3.19 0.00	50.96 3.82 0.00	60.38 4.42 -0.03	53.14 3.98 -0.06	45.55 3.49 -0.94	41.97 2.82 -3.91	38.35 2.79 -2.40	36.36 2.65 -1.82	33.66 2.54 -0.86