

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		11/20/2024																										
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	29.45	30.47	27.14	27.32	28.10	30.61	39.89	45.94	39.17	34.36	33.90	32.33	33.41	34.94	36.30	42.73	48.47	55.85	50.61	45.85	37.44	34.25	29.06	28.96			
		1.75	2.05	1.46	1.42	1.49	1.92	2.61	3.36	3.07	2.66	2.74	2.59	2.79	2.89	3.03	3.66	3.59	4.00	3.24	2.47	2.27	2.11	1.90	1.89			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.54	-6.72	-8.83	-13.32	-16.81	-9.09	-7.82	-4.83	-2.80		
74TH STREET_GT_1 24260	EST	29.53	30.56	27.22	27.40	28.16	30.66	39.92	45.98	39.17	34.43	33.97	32.39	33.47	34.94	36.37	42.76	48.51	55.89	50.64	45.90	37.50	26.42	24.32	29.06			
		1.83	2.13	1.54	1.50	1.54	1.98	2.65	3.41	3.07	2.73	2.80	2.65	2.85	2.89	3.09	3.70	3.63	4.04	3.27	2.52	2.32	2.12	1.99	1.99			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.54	-6.72	-8.84	-13.32	-16.82	-9.09	0.01	0.00	-2.80			
74TH STREET_GT_2 24261	EST	29.53	30.56	27.22	27.40	28.16	30.66	39.92	45.98	39.17	34.43	33.97	32.39	33.47	34.94	36.37	42.76	48.51	55.89	50.64	45.90	37.50	26.42	24.32	29.06			
		1.83	2.13	1.54	1.50	1.54	1.98	2.65	3.41	3.07	2.73	2.80	2.65	2.85	2.89	3.09	3.70	3.63	4.04	3.27	2.52	2.32	2.12	1.99	1.99			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.54	-6.72	-8.84	-13.32	-16.82	-9.09	0.01	0.00	-2.80			
ADK HUDSON___FALLS 24011	EST	29.64	30.44	27.40	27.63	28.42	30.83	40.22	45.98	38.91	33.95	33.44	31.74	32.61	34.11	35.53	42.00	48.80	56.78	52.27	48.21	38.71	26.04	23.87	29.03			
		1.94	2.02	1.72	1.74	1.81	2.15	2.94	3.41	2.82	2.25	2.27	1.99	1.99	2.05	2.26	2.85	2.82	3.48	2.72	2.10	2.06	1.73	1.54	1.50			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.63	-7.81	-10.28	-15.49	-19.55	-10.57	0.00	0.00	-3.26			
ADK RESOURCE___RCVRY 23798	EST	29.81	30.61	27.55	27.76	28.58	31.04	40.48	46.24	39.17	34.14	33.65	31.89	32.76	34.27	35.70	42.20	49.04	57.09	52.52	48.41	38.87	35.29	29.62	29.13			
		2.10	2.19	1.87	1.87	1.97	2.35	3.21	3.66	3.07	2.44	2.49	2.14	2.14	2.21	2.43	3.04	3.05	3.79	2.96	2.28	2.22	1.87	1.68	1.60			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.63	-7.82	-10.28	-15.50	-19.56	-10.57	-9.11	-5.61	-3.26			
ADK S GLENS___FALLS 24028	EST	29.64	30.44	27.40	27.63	28.42	30.83	40.22	45.98	38.91	33.95	33.44	31.74	32.61	34.11	35.53	42.00	48.80	56.78	52.27	48.21	38.71	26.04	23.87	29.03			
		1.94	2.02	1.72	1.74	1.81	2.15	2.94	3.41	2.82	2.25	2.27	1.99	1.99	2.05	2.26	2.85	2.82	3.48	2.72	2.10	2.06	1.73	1.54	1.50			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.63	-7.81	-10.28	-15.49	-19.55	-10.57	0.00	0.00	-3.26			
ADK_NYS___DAM 23527	EST	29.20	29.96	27.04	27.22	28.02	30.38	39.70	45.43	38.59	33.51	32.78	31.26	32.21	33.82	35.33	41.79	48.49	56.13	51.46	47.39	38.26	34.83	29.30	28.92			
		1.49	1.53	1.36	1.32	1.41	1.69	2.42	2.85	2.49	1.81	1.62	1.52	1.59	1.76	2.06	2.66	2.71	3.10	2.32	1.78	1.88	1.65	1.50	1.48			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.61	-7.61	-10.01	-15.09	-19.04	-10.29	-8.87	-5.47	-3.17			
AIR_PRODUCTS___DRP 24190	EST	27.95	28.74	25.88	26.08	26.77	28.97	37.73	43.17	36.60	31.99	31.44	29.98	30.90	32.35	33.74	39.83	46.48	53.86	49.78	46.11	36.86	24.68	22.67	27.73			
		0.25	0.31	0.21	0.18	0.16	0.29	0.45	0.60	0.51	0.29	0.28	0.24	0.28	0.29	0.47	0.69	0.69	0.82	0.61	0.48	0.47	0.36	0.33	0.29			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.61	-7.62	-10.03	-15.12	-19.07	-10.31	0.00	0.00	-3.18			
AKWESSNE_115KV_BK 355683	EST	27.79	28.79	25.88	26.31	27.20	29.37	38.17	42.83	36.17	32.11	31.38	29.86	30.84	32.28	33.40	38.38	37.57	41.81	32.51	25.62	25.01	23.07	21.08	22.82			
		0.08	0.37	0.21	0.41	0.59	0.69	0.89	0.26	0.07	0.41	0.22	0.12	0.21	0.22	0.13	-0.15	-0.73	-1.38	-1.80	-1.27	-1.25	-1.24	-1.25	-1.50			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.13	-0.17	-0.26	-0.33	-0.18	0.00	0.00	-0.06			
ALBANY_1_SOLAR 323833	EST	28.53	29.31	26.45	26.62	27.36	29.57	38.47	43.85	37.15	32.33	31.75	30.25	31.14	32.70	34.10	40.33	46.91	54.42	50.17	46.32	37.18	33.88	28.47	28.08			
		0.83	0.88	0.77	0.72	0.74	0.89	1.19	1.28	1.05	0.63	0.59	0.51	0.52	0.64	0.83	1.20	1.22	1.50	1.19	0.93	0.91	0.80	0.74	0.68			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.61	-7.53	-9.90	-14.92	-18.83	-10.18	-8.77	-5.40	-3.14			
ALBANY_2_SOLAR 323834	EST	28.53	29.31	26.42	26.62	27.36	29.54	38.47	43.85	37.15	32.33	31.75	30.25	31.14	32.66	34.10	40.33	46.91	54.42	50.17	46.30	37.18	33.86	28.47	28.08			
		0.83	0.88	0.75	0.72	0.74	0.86	1.19	1.28	1.05	0.63	0.59	0.51	0.52	0.61	0.83	1.20	1.22	1.50	1.19	0.90	0.91	0.78	0.74	0.68			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.61	-7.53	-9.90	-14.93	-18.83	-10.18	-8.77	-5.41	-3.14			
ALBANY___1 23571	EST	27.95	28.74	25.88	26.08	26.77	28.97	37.73	43.17	36.60	31.99	31.44	29.98	30.90	32.35	33.74	39.83	46.48	53.86	49.78	46.11	36.86	24.68	22.67	27.73			
		0.25	0.31	0.21	0.18	0.16	0.29	0.45	0.60	0.51	0.29	0.28	0.24	0.28	0.29	0.47	0.69	0.69	0.82	0.61	0.48	0.47	0.36	0.33	0.29			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.61	-7.62	-10.03	-15.12	-19.07	-10.31	0.00	0.00	-3.18			

ALBANY___2 23572	27.95 0.25 0.00	28.74 0.31 0.00	25.88 0.21 0.00	26.08 0.18 0.00	26.77 0.16 0.00	28.97 0.29 0.00	37.73 0.45 0.00	43.17 0.60 0.00	36.60 0.51 0.00	31.99 0.29 0.00	31.44 0.28 0.00	29.98 0.24 0.00	30.90 0.28 0.00	32.35 0.29 0.00	33.74 0.47 0.00	39.83 0.69 -0.61	46.48 0.69 -7.62	53.86 0.82 -10.03	49.78 0.61 -15.12	46.11 0.48 -19.07	36.86 0.47 -10.31	24.68 0.36 0.00	22.67 0.33 0.00	27.73 0.29 -3.18
ALBANY___3 23573	27.95 0.25 0.00	28.74 0.31 0.00	25.88 0.21 0.00	26.08 0.18 0.00	26.77 0.16 0.00	28.97 0.29 0.00	37.73 0.45 0.00	43.17 0.60 0.00	36.60 0.51 0.00	31.99 0.29 0.00	31.44 0.28 0.00	29.98 0.24 0.00	30.90 0.28 0.00	32.35 0.29 0.00	33.74 0.47 0.00	39.83 0.69 -0.61	46.48 0.69 -7.62	53.86 0.82 -10.03	49.78 0.61 -15.12	46.11 0.48 -19.07	36.86 0.47 -10.31	24.68 0.36 0.00	22.67 0.33 0.00	27.73 0.29 -3.18
ALBANY___4 23574	27.95 0.25 0.00	28.74 0.31 0.00	25.88 0.21 0.00	26.08 0.18 0.00	26.77 0.16 0.00	28.97 0.29 0.00	37.73 0.45 0.00	43.17 0.60 0.00	36.60 0.51 0.00	31.99 0.29 0.00	31.44 0.28 0.00	29.98 0.24 0.00	30.90 0.28 0.00	32.35 0.29 0.00	33.74 0.47 0.00	39.83 0.69 -0.61	46.48 0.69 -7.62	53.86 0.82 -10.03	49.78 0.61 -15.12	46.11 0.48 -19.07	36.86 0.47 -10.31	24.68 0.36 0.00	22.67 0.33 0.00	27.73 0.29 -3.18
ALBANY___LFGE 323615	28.23 0.53 0.00	29.02 0.60 0.00	26.14 0.46 0.00	26.34 0.44 0.00	27.07 0.45 0.00	29.29 0.60 0.00	38.14 0.86 0.00	43.59 1.02 0.00	37.07 0.98 0.00	32.37 0.67 0.00	31.82 0.66 0.00	30.31 0.56 0.00	31.23 0.61 0.00	32.73 0.67 0.00	34.10 0.83 0.00	40.26 1.12 -0.62	46.95 1.11 -7.68	54.40 1.29 -10.10	50.27 0.99 -15.23	46.54 0.77 -19.21	37.22 0.76 -10.38	33.91 0.66 -8.94	28.45 0.60 -5.51	27.98 0.51 -3.20
ALCOA_PA_115KV_PL-6C 55860	27.95 0.25 0.00	28.97 0.54 0.00	26.04 0.36 0.00	26.49 0.60 0.00	27.39 0.77 0.00	29.57 0.89 0.00	38.43 1.16 0.00	43.13 0.55 0.00	36.39 0.29 0.00	32.33 0.63 0.00	31.57 0.41 0.00	30.04 0.30 0.00	31.02 0.40 0.00	32.47 0.42 0.00	33.60 0.33 0.00	38.57 0.04 -0.01	37.81 -0.50 -0.14	42.08 -1.12 -0.18	32.73 -1.60 -0.28	25.77 -1.14 -0.35	25.18 -1.10 -0.19	23.19 -1.12 0.00	21.19 -1.14 0.00	22.94 -1.38 -0.06
ALCOA_RYNLDS___DRP 24188	27.95 0.25 0.00	28.97 0.54 0.00	26.04 0.36 0.00	26.49 0.60 0.00	27.39 0.77 0.00	29.57 0.89 0.00	38.43 1.16 0.00	43.13 0.55 0.00	36.39 0.29 0.00	32.33 0.63 0.00	31.57 0.41 0.00	30.04 0.30 0.00	31.02 0.40 0.00	32.47 0.42 0.00	33.60 0.33 0.00	38.57 0.04 -0.01	37.81 -0.50 -0.14	42.08 -1.12 -0.18	32.73 -1.60 -0.28	25.77 -1.14 -0.35	25.18 -1.10 -0.19	23.19 -1.12 0.00	21.19 -1.14 0.00	22.94 -1.38 -0.06
ALCOA___DSASP 323711	27.95 0.25 0.00	28.96 0.54 0.00	26.03 0.36 0.00	26.49 0.60 0.00	27.39 0.77 0.00	29.57 0.89 0.00	38.43 1.16 0.00	43.30 0.72 0.00	36.39 0.29 0.00	32.33 0.63 0.00	31.72 0.56 0.00	30.04 0.30 0.00	31.02 0.40 0.00	32.51 0.45 0.00	33.60 0.33 0.00	38.57 0.04 -0.01	37.81 -0.50 -0.14	42.08 -1.12 -0.18	32.73 -1.60 -0.28	25.77 -1.14 -0.35	25.18 -1.09 -0.19	23.38 -1.09 -0.16	21.32 -1.12 -0.10	23.04 -1.29 -0.06
ALLEGHENY___COGEN 23514	27.76 0.06 0.00	28.09 -0.34 0.00	25.70 0.03 0.00	26.00 0.10 0.00	26.75 0.13 0.00	29.17 0.49 0.00	37.84 0.56 0.00	43.13 0.55 0.00	36.10 0.00 0.00	31.92 0.22 0.00	31.22 0.06 0.00	29.87 0.12 0.00	30.47 -0.15 0.00	31.77 -0.29 0.00	32.81 -0.47 0.00	37.65 -0.96 -0.09	38.77 -0.50 -1.10	44.25 -0.21 -1.45	36.45 0.21 -2.19	29.61 0.16 -2.89	27.60 -0.05 -1.56	25.06 -0.53 -1.29	22.69 -0.47 -0.83	24.48 -0.27 -0.48
ALTAMONT_115KV_TB 2 55880	28.31 0.61 0.00	29.08 0.65 0.00	26.21 0.54 0.00	26.41 0.52 0.00	27.12 0.51 0.00	29.34 0.66 0.00	38.21 0.93 0.00	43.68 1.11 0.00	37.04 0.94 0.00	32.40 0.70 0.00	31.85 0.69 0.00	30.37 0.62 0.00	31.29 0.67 0.00	32.76 0.71 0.00	34.14 0.87 0.00	40.25 1.12 -0.61	46.89 1.11 -7.61	54.32 1.29 -10.02	50.17 1.02 -15.10	46.41 0.80 -19.05	37.17 0.78 -10.30	24.97 0.66 0.00	22.94 0.60 0.00	28.02 0.58 -3.17
ALTONA_WT_PWR 323606	28.42 0.72 0.00	29.45 1.02 0.00	26.47 0.80 0.00	26.90 1.01 0.00	27.81 1.20 0.00	30.06 1.38 0.00	38.73 1.45 0.00	43.25 0.68 0.00	36.53 0.43 0.00	32.49 0.79 0.00	31.88 0.72 0.00	30.16 0.42 0.00	31.11 0.49 0.00	32.57 0.51 0.00	33.67 0.40 0.00	38.53 0.00 -0.01	37.54 -0.76 -0.13	41.68 -1.51 -0.18	32.31 -2.01 -0.27	25.46 -1.43 -0.34	24.86 -1.41 -0.18	23.25 -1.21 -0.16	21.13 -1.30 -0.10	22.80 -1.53 -0.06
AMERICAN_REF_FUEL 24010	25.57 -2.13 0.00	25.81 -2.61 0.00	23.78 -1.90 0.00	24.08 -1.81 0.00	24.70 -1.92 0.00	26.85 -1.84 0.00	34.26 -3.02 0.00	38.62 -3.96 0.00	32.49 -3.61 0.00	29.35 -2.35 0.00	29.07 -2.09 0.00	27.99 -1.76 0.00	28.48 -2.14 0.00	29.56 -2.50 0.00	30.34 -2.93 0.00	34.36 -4.24 -0.07	34.85 -4.12 -0.81	39.43 -4.65 -1.06	32.39 -3.27 -1.60	26.63 -2.42 -2.49	25.08 -2.35 -1.35	22.46 -2.80 -0.94	20.77 -2.28 -0.71	22.81 -1.87 -0.41
ARKWRIGHT___SUMMIT_WT_PWR 323751	26.71 -1.00 0.00	26.92 -1.51 0.00	24.88 -0.80 0.00	25.22 -0.67 0.00	25.92 -0.69 0.00	28.31 -0.37 0.00	36.38 -0.90 0.00	41.38 -1.19 0.00	34.80 -1.30 0.00	31.32 -0.38 0.00	31.04 -0.12 0.00	29.87 0.12 0.00	30.41 -0.21 0.00	31.61 -0.45 0.00	32.37 -0.90 0.00	36.37 -2.24 -0.08	36.69 -2.40 -0.93	41.10 -3.14 -1.22	33.30 -2.59 -1.83	27.17 -2.15 -2.76	25.36 -2.22 -1.49	22.67 -2.72 -1.08	20.71 -2.41 -0.79	22.64 -2.09 -0.46
ARTHUR KILL_GT_1 23520	29.72 2.02 0.00	30.74 2.30 -0.02	27.34 1.67 0.00	27.48 1.58 0.00	28.29 1.68 0.00	30.63 1.95 0.00	39.81 2.54 0.00	45.64 3.07 0.00	38.88 2.78 0.00	34.11 2.41 0.00	33.65 2.49 0.00	32.13 2.38 0.00	33.19 2.57 0.00	34.72 2.66 0.00	36.07 2.80 0.00	42.53 3.47 -0.54	48.12 3.24 -6.72	55.50 3.65 -8.84	50.40 3.03 -13.32	45.69 2.31 -16.82	37.26 2.09 -9.09	34.23 2.09 -7.82	29.10 1.94 -4.83	29.13 2.06 -2.80
ARTHUR_KILL_2 23512	29.64 1.94 0.00	30.66 2.22 -0.02	27.27 1.59 0.00	27.42 1.53 0.00	28.24 1.62 0.00	30.58 1.89 0.00	39.74 2.46 0.00	45.55 2.98 0.00	38.81 2.71 0.00	34.01 2.31 0.00	33.59 2.43 0.00	32.04 2.29 0.00	33.10 2.48 0.00	34.65 2.60 0.00	35.96 2.69 0.00	42.41 3.35 -0.54	48.05 3.17 -6.72	55.38 3.53 -8.84	50.30 2.93 -13.32	45.61 2.23 -16.82	37.18 2.01 -9.09	34.15 2.02 -7.82	29.04 1.88 -4.83	29.06 1.99 -2.80
ARTHUR_KILL_3 23513	29.28 1.58 0.00	30.31 1.88 -0.01	26.98 1.31 0.00	27.16 1.27 0.00	27.94 1.33 0.00	30.43 1.75 0.00	39.63 2.35 0.00	45.64 3.07 0.00	38.95 2.85 0.00	34.17 2.47 0.00	33.68 2.52 0.00	32.15 2.41 0.00	33.19 2.57 0.00	34.75 2.69 0.00	36.07 2.80 0.00	42.49 3.43 -0.54	48.20 3.32 -6.72	55.55 3.70 -8.84	50.37 3.00 -13.32	45.72 2.34 -16.81	37.31 2.14 -9.09	34.13 1.99 -7.82	28.95 1.79 -4.83	28.84 1.77 -2.80

ARTHUR_KILL_COGEN 323718	29.72 2.02 0.00	30.74 2.30 -0.02	27.34 1.67 0.00	27.48 1.58 0.00	28.29 1.68 0.00	30.63 1.95 0.00	39.81 2.54 0.00	45.64 3.07 0.00	38.88 2.78 0.00	34.11 2.41 0.00	33.65 2.49 0.00	32.13 2.38 0.00	33.19 2.57 0.00	34.72 2.66 0.00	36.07 2.80 0.00	42.53 3.47 -0.54	48.12 3.24 -6.72	55.50 3.65 -8.84	50.40 3.03 -13.32	45.69 2.31 -16.82	37.26 2.09 -9.09	34.23 2.09 -7.82	29.10 1.94 -4.83	29.13 2.06 -2.80
ASHOKAN____ 23654	28.51 0.80 0.00	29.25 0.82 0.00	26.37 0.69 0.00	26.54 0.65 0.00	27.33 0.72 0.00	29.60 0.92 0.00	38.62 1.34 0.00	44.02 1.45 0.00	37.29 1.19 0.00	32.24 0.54 0.00	31.63 0.47 0.00	29.98 0.24 0.00	30.99 0.37 0.00	32.47 0.42 0.00	33.97 0.70 0.00	40.30 1.20 -0.58	46.66 1.34 -7.16	53.99 1.55 -9.43	49.52 1.26 -14.21	45.43 0.93 -17.94	36.67 0.89 -9.69	33.39 0.73 -8.35	28.22 0.74 -5.15	27.88 0.63 -2.99
ASTORIA_EAST_ENERGY_CC1 323581	29.39 1.69 0.00	30.31 1.88 -0.01	27.09 1.41 0.00	27.24 1.35 0.00	28.05 1.44 0.00	30.29 1.61 0.00	39.24 1.97 0.01	45.03 2.47 0.01	38.58 2.49 0.01	33.88 2.19 0.01	33.46 2.31 0.01	31.91 2.17 0.01	33.00 2.39 0.01	34.48 2.44 0.01	35.79 2.53 0.01	42.14 3.08 -0.53	47.74 2.86 -6.71	54.98 3.14 -8.83	49.99 2.62 -13.31	45.39 2.02 -16.81	37.02 1.85 -9.08	33.90 1.77 -7.82	28.90 1.74 -4.83	29.11 2.04 -2.81
ASTORIA_EAST_ENERGY_CC2 323582	29.39 1.69 0.00	30.31 1.88 -0.01	27.09 1.41 0.00	27.24 1.35 0.00	28.05 1.44 0.00	30.29 1.61 0.00	39.24 1.97 0.01	45.08 2.51 0.01	38.58 2.49 0.01	33.88 2.19 0.01	33.46 2.31 0.01	31.91 2.17 0.01	33.00 2.39 0.01	34.48 2.44 0.01	35.79 2.53 0.01	42.14 3.08 -0.53	47.74 2.86 -6.71	54.98 3.14 -8.83	49.99 2.62 -13.31	45.39 2.02 -16.81	37.02 1.85 -9.08	33.90 1.77 -7.82	28.90 1.74 -4.83	29.11 2.04 -2.81
ASTORIA_GT2_1 24094	29.39 1.69 0.00	30.33 1.90 0.00	27.11 1.44 0.00	27.24 1.35 0.00	27.97 1.36 0.00	30.29 1.61 0.00	39.22 1.94 0.00	45.09 2.51 0.00	38.52 2.42 0.00	33.89 2.19 0.00	33.50 2.34 0.00	31.95 2.20 0.00	33.01 2.39 0.00	34.40 2.34 0.00	35.80 2.53 0.00	42.15 3.08 -0.54	47.78 2.90 -6.72	55.03 3.18 -8.84	49.99 2.62 -13.32	45.42 2.05 -16.82	37.05 1.88 -9.09	26.01 1.70 0.01	24.19 1.85 0.00	29.13 2.06 -2.80
ASTORIA_GT2_2 24095	29.39 1.69 0.00	30.33 1.90 0.00	27.11 1.44 0.00	27.24 1.35 0.00	27.97 1.36 0.00	30.29 1.61 0.00	39.22 1.94 0.00	45.09 2.51 0.00	38.52 2.42 0.00	33.89 2.19 0.00	33.50 2.34 0.00	31.95 2.20 0.00	33.01 2.39 0.00	34.40 2.34 0.00	35.80 2.53 0.00	42.15 3.08 -0.54	47.78 2.90 -6.72	55.03 3.18 -8.84	49.99 2.62 -13.32	45.42 2.05 -16.82	37.05 1.88 -9.09	26.01 1.70 0.01	24.19 1.85 0.00	29.13 2.06 -2.80
ASTORIA_GT2_3 24096	29.39 1.69 0.00	30.33 1.90 0.00	27.11 1.44 0.00	27.24 1.35 0.00	27.97 1.36 0.00	30.29 1.61 0.00	39.22 1.94 0.00	45.09 2.51 0.00	38.52 2.42 0.00	33.89 2.19 0.00	33.50 2.34 0.00	31.95 2.20 0.00	33.01 2.39 0.00	34.40 2.34 0.00	35.80 2.53 0.00	42.15 3.08 -0.54	47.78 2.90 -6.72	55.03 3.18 -8.84	49.99 2.62 -13.32	45.42 2.05 -16.82	37.05 1.88 -9.09	26.01 1.70 0.01	24.19 1.85 0.00	29.13 2.06 -2.80
ASTORIA_GT2_4 24097	29.39 1.69 0.00	30.33 1.90 0.00	27.11 1.44 0.00	27.24 1.35 0.00	27.97 1.36 0.00	30.29 1.61 0.00	39.22 1.94 0.00	45.09 2.51 0.00	38.52 2.42 0.00	33.89 2.19 0.00	33.50 2.34 0.00	31.95 2.20 0.00	33.01 2.39 0.00	34.40 2.34 0.00	35.80 2.53 0.00	42.15 3.08 -0.54	47.78 2.90 -6.72	55.03 3.18 -8.84	49.99 2.62 -13.32	45.42 2.05 -16.82	37.05 1.88 -9.09	26.01 1.70 0.01	24.19 1.85 0.00	29.13 2.06 -2.80
ASTORIA_GT3_1 24098	29.39 1.69 0.00	30.33 1.90 0.00	27.11 1.44 0.00	27.24 1.35 0.00	27.97 1.36 0.00	30.29 1.61 0.00	39.22 1.94 0.00	45.09 2.51 0.00	38.52 2.42 0.00	33.89 2.19 0.00	33.50 2.34 0.00	31.95 2.20 0.00	33.01 2.39 0.00	34.40 2.34 0.00	35.80 2.53 0.00	42.15 3.08 -0.54	47.78 2.90 -6.72	55.03 3.18 -8.84	49.99 2.62 -13.32	45.42 2.05 -16.82	37.05 1.88 -9.09	26.01 1.70 0.01	24.19 1.85 0.00	29.13 2.06 -2.80
ASTORIA_GT3_2 24099	29.39 1.69 0.00	30.33 1.90 0.00	27.11 1.44 0.00	27.24 1.35 0.00	27.97 1.36 0.00	30.29 1.61 0.00	39.22 1.94 0.00	45.09 2.51 0.00	38.52 2.42 0.00	33.89 2.19 0.00	33.50 2.34 0.00	31.95 2.20 0.00	33.01 2.39 0.00	34.40 2.34 0.00	35.80 2.53 0.00	42.15 3.08 -0.54	47.78 2.90 -6.72	55.03 3.18 -8.84	49.99 2.62 -13.32	45.42 2.05 -16.82	37.05 1.88 -9.09	26.01 1.70 0.01	24.19 1.85 0.00	29.13 2.06 -2.80
ASTORIA_GT3_3 24100	29.39 1.69 0.00	30.33 1.90 0.00	27.11 1.44 0.00	27.24 1.35 0.00	27.97 1.36 0.00	30.29 1.61 0.00	39.22 1.94 0.00	45.09 2.51 0.00	38.52 2.42 0.00	33.89 2.19 0.00	33.50 2.34 0.00	31.95 2.20 0.00	33.01 2.39 0.00	34.40 2.34 0.00	35.80 2.53 0.00	42.15 3.08 -0.54	47.78 2.90 -6.72	55.03 3.18 -8.84	49.99 2.62 -13.32	45.42 2.05 -16.82	37.05 1.88 -9.09	26.01 1.70 0.01	24.19 1.85 0.00	29.13 2.06 -2.80
ASTORIA_GT3_4 24101	29.39 1.69 0.00	30.33 1.90 0.00	27.11 1.44 0.00	27.24 1.35 0.00	27.97 1.36 0.00	30.29 1.61 0.00	39.22 1.94 0.00	45.09 2.51 0.00	38.52 2.42 0.00	33.89 2.19 0.00	33.50 2.34 0.00	31.95 2.20 0.00	33.01 2.39 0.00	34.40 2.34 0.00	35.80 2.53 0.00	42.15 3.08 -0.54	47.78 2.90 -6.72	55.03 3.18 -8.84	49.99 2.62 -13.32	45.42 2.05 -16.82	37.05 1.88 -9.09	26.01 1.70 0.01	24.19 1.85 0.00	29.13 2.06 -2.80
ASTORIA_GT4_1 24102	29.39 1.69 0.00	30.33 1.90 0.00	27.11 1.44 0.00	27.24 1.35 0.00	27.97 1.36 0.00	30.29 1.61 0.00	39.22 1.94 0.00	45.09 2.51 0.00	38.52 2.42 0.00	33.89 2.19 0.00	33.50 2.34 0.00	31.95 2.20 0.00	33.01 2.39 0.00	34.40 2.34 0.00	35.80 2.53 0.00	42.15 3.08 -0.54	47.78 2.90 -6.72	55.03 3.18 -8.84	49.99 2.62 -13.32	45.42 2.05 -16.82	37.05 1.88 -9.09	26.01 1.70 0.01	24.19 1.85 0.00	29.13 2.06 -2.80
ASTORIA_GT4_2 24103	29.39 1.69 0.00	30.33 1.90 0.00	27.11 1.44 0.00	27.24 1.35 0.00	27.97 1.36 0.00	30.29 1.61 0.00	39.22 1.94 0.00	45.09 2.51 0.00	38.52 2.42 0.00	33.89 2.19 0.00	33.50 2.34 0.00	31.95 2.20 0.00	33.01 2.39 0.00	34.40 2.34 0.00	35.80 2.53 0.00	42.15 3.08 -0.54	47.78 2.90 -6.72	55.03 3.18 -8.84	49.99 2.62 -13.32	45.42 2.05 -16.82	37.05 1.88 -9.09	26.01 1.70 0.01	24.19 1.85 0.00	29.13 2.06 -2.80
ASTORIA_GT4_3 24104	29.39 1.69 0.00	30.33 1.90 0.00	27.11 1.44 0.00	27.24 1.35 0.00	27.97 1.36 0.00	30.29 1.61 0.00	39.22 1.94 0.00	45.09 2.51 0.00	38.52 2.42 0.00	33.89 2.19 0.00	33.50 2.34 0.00	31.95 2.20 0.00	33.01 2.39 0.00	34.40 2.34 0.00	35.80 2.53 0.00	42.15 3.08 -0.54	47.78 2.90 -6.72	55.03 3.18 -8.84	49.99 2.62 -13.32	45.42 2.05 -16.82	37.05 1.88 -9.09	26.01 1.70 0.01	24.19 1.85 0.00	29.13 2.06 -2.80

ASTORIA_GT4_4 24105	29.39 1.69 0.00	30.33 1.90 0.00	27.11 1.44 0.00	27.24 1.35 0.00	27.97 1.36 0.00	30.29 1.61 0.00	39.22 1.94 0.00	45.09 2.51 0.00	38.52 2.42 0.00	33.89 2.19 0.00	33.50 2.34 0.00	31.95 2.20 0.00	33.01 2.39 0.00	34.40 2.34 0.00	35.80 2.53 0.00	42.15 3.08 -0.54	47.78 2.90 -6.72	55.03 3.18 -8.84	49.99 2.62 -13.32	45.42 2.05 -16.82	37.05 1.88 -9.09	26.01 1.70 0.01	24.19 1.85 0.00	29.13 2.06 -2.80
ASTORIA_GT_1 23523	29.45 1.75 0.00	30.37 1.93 -0.01	27.14 1.46 0.00	27.29 1.40 0.00	28.08 1.46 0.00	30.35 1.66 0.00	39.32 2.05 0.01	45.16 2.60 0.01	38.65 2.56 0.01	33.98 2.28 0.01	33.52 2.37 0.01	32.00 2.26 0.01	33.06 2.45 0.01	34.58 2.53 0.01	35.86 2.60 0.01	42.22 3.16 -0.53	47.85 2.98 -6.71	55.11 3.27 -8.83	50.05 2.69 -13.31	45.44 2.07 -16.81	37.07 1.90 -9.08	33.95 1.82 -7.82	28.95 1.79 -4.83	29.16 2.09 -2.81
ASTORIA_GT_10 24110	29.45 1.75 0.00	30.47 2.05 0.00	27.16 1.49 0.00	27.32 1.42 0.00	28.08 1.46 0.00	30.49 1.81 0.00	39.59 2.31 0.00	45.51 2.94 0.00	38.84 2.74 0.00	34.14 2.44 0.00	33.72 2.56 0.00	32.16 2.41 0.00	33.22 2.60 0.00	34.69 2.63 0.00	36.10 2.83 0.00	42.46 3.39 -0.54	48.09 3.21 -6.72	55.38 3.53 -8.84	50.27 2.89 -13.32	45.61 2.23 -16.82	37.26 2.09 -9.09	26.23 1.92 0.01	24.23 1.90 0.00	29.01 1.94 -2.80
ASTORIA_GT_11 24225	29.45 1.75 0.00	30.47 2.05 0.00	27.16 1.49 0.00	27.32 1.42 0.00	28.08 1.46 0.00	30.49 1.81 0.00	39.59 2.31 0.00	45.51 2.94 0.00	38.84 2.74 0.00	34.14 2.44 0.00	33.72 2.56 0.00	32.16 2.41 0.00	33.22 2.60 0.00	34.69 2.63 0.00	36.10 2.83 0.00	42.46 3.39 -0.54	48.09 3.21 -6.72	55.38 3.53 -8.84	50.27 2.89 -13.32	45.61 2.23 -16.82	37.26 2.09 -9.09	26.23 1.92 0.01	24.23 1.90 0.00	29.01 1.94 -2.80
ASTORIA_GT_12 24226	29.45 1.75 0.00	30.47 2.05 0.00	27.16 1.49 0.00	27.32 1.42 0.00	28.08 1.46 0.00	30.49 1.81 0.00	39.59 2.31 0.00	45.51 2.94 0.00	38.84 2.74 0.00	34.14 2.44 0.00	33.72 2.56 0.00	32.16 2.41 0.00	33.22 2.60 0.00	34.69 2.63 0.00	36.10 2.83 0.00	42.46 3.39 -0.54	48.09 3.21 -6.72	55.38 3.53 -8.84	50.27 2.89 -13.32	45.61 2.23 -16.82	37.26 2.09 -9.09	26.23 1.92 0.01	24.23 1.90 0.00	29.01 1.94 -2.80
ASTORIA_GT_13 24227	29.45 1.75 0.00	30.47 2.05 0.00	27.16 1.49 0.00	27.32 1.42 0.00	28.08 1.46 0.00	30.49 1.81 0.00	39.59 2.31 0.00	45.51 2.94 0.00	38.84 2.74 0.00	34.14 2.44 0.00	33.72 2.56 0.00	32.16 2.41 0.00	33.22 2.60 0.00	34.69 2.63 0.00	36.10 2.83 0.00	42.46 3.39 -0.54	48.09 3.21 -6.72	55.38 3.53 -8.84	50.27 2.89 -13.32	45.61 2.23 -16.82	37.26 2.09 -9.09	26.23 1.92 0.01	24.23 1.90 0.00	29.01 1.94 -2.80
ASTORIA_GT_5 24106	29.45 1.75 0.00	30.39 1.96 0.00	27.14 1.46 0.00	27.29 1.40 0.00	28.02 1.41 0.00	30.35 1.66 0.00	39.29 2.01 0.00	45.17 2.60 0.00	38.59 2.49 0.00	33.95 2.25 0.00	33.56 2.40 0.00	32.01 2.26 0.00	33.07 2.45 0.00	34.46 2.40 0.00	35.87 2.60 0.00	42.22 3.16 -0.54	47.86 2.98 -6.72	55.12 3.27 -8.84	50.06 2.69 -13.32	45.45 2.07 -16.82	37.08 1.90 -9.09	26.06 1.75 0.01	24.21 1.88 0.00	29.15 2.09 -2.80
ASTORIA_GT_7 24107	29.45 1.75 0.00	30.39 1.96 0.00	27.14 1.46 0.00	27.29 1.40 0.00	28.02 1.41 0.00	30.35 1.66 0.00	39.29 2.01 0.00	45.17 2.60 0.00	38.59 2.49 0.00	33.95 2.25 0.00	33.56 2.40 0.00	32.01 2.26 0.00	33.07 2.45 0.00	34.46 2.40 0.00	35.87 2.60 0.00	42.22 3.16 -0.54	47.86 2.98 -6.72	55.12 3.27 -8.84	50.06 2.69 -13.32	45.45 2.07 -16.82	37.08 1.90 -9.09	26.06 1.75 0.01	24.21 1.88 0.00	29.15 2.09 -2.80
ASTORIA_GT_8 24108	29.45 1.75 0.00	30.39 1.96 0.00	27.14 1.46 0.00	27.29 1.40 0.00	28.02 1.41 0.00	30.35 1.66 0.00	39.29 2.01 0.00	45.17 2.60 0.00	38.59 2.49 0.00	33.95 2.25 0.00	33.56 2.40 0.00	32.01 2.26 0.00	33.07 2.45 0.00	34.46 2.40 0.00	35.87 2.60 0.00	42.22 3.16 -0.54	47.86 2.98 -6.72	55.12 3.27 -8.84	50.06 2.69 -13.32	45.45 2.07 -16.82	37.08 1.90 -9.09	26.06 1.75 0.01	24.21 1.88 0.00	29.15 2.09 -2.80
ASTORIA___2 24149	29.39 1.69 0.00	30.34 1.90 -0.01	27.11 1.44 0.00	27.24 1.35 0.00	28.05 1.44 0.00	30.29 1.61 0.00	39.24 1.97 0.01	45.08 2.51 0.01	38.58 2.49 0.01	33.91 2.22 0.01	33.46 2.31 0.01	31.94 2.20 0.01	33.00 2.39 0.01	34.52 2.47 0.01	35.79 2.53 0.01	42.14 3.08 -0.53	47.77 2.90 -6.71	55.03 3.18 -8.83	49.99 2.62 -13.31	45.39 2.02 -16.81	37.02 1.85 -9.08	33.90 1.77 -7.82	28.92 1.76 -4.83	29.11 2.04 -2.81
ASTORIA___3 23516	29.45 1.75 0.00	30.45 2.02 -0.01	27.16 1.49 0.00	27.32 1.42 0.00	28.10 1.49 0.00	30.49 1.81 0.00	39.63 2.35 0.00	45.51 2.94 0.00	38.92 2.82 0.00	34.17 2.47 0.00	33.72 2.56 0.00	32.15 2.41 0.00	33.22 2.60 0.00	34.75 2.69 0.00	36.07 2.80 0.00	42.46 3.39 -0.54	48.09 3.21 -6.72	55.38 3.53 -8.84	50.26 2.89 -13.32	45.61 2.23 -16.82	37.23 2.06 -9.09	34.13 1.99 -7.82	28.99 1.83 -4.83	29.01 1.94 -2.80
ASTORIA___4 23517	29.45 1.75 0.00	30.47 2.05 0.00	27.16 1.49 0.00	27.32 1.42 0.00	28.08 1.46 0.00	30.49 1.81 0.00	39.59 2.31 0.00	45.51 2.94 0.00	38.84 2.74 0.00	34.14 2.44 0.00	33.72 2.56 0.00	32.16 2.41 0.00	33.22 2.60 0.00	34.69 2.63 0.00	36.10 2.83 0.00	42.46 3.39 -0.54	48.09 3.21 -6.72	55.38 3.53 -8.84	50.27 2.89 -13.32	45.61 2.23 -16.82	37.26 2.09 -9.09	26.23 1.92 0.01	24.23 1.90 0.00	29.01 1.94 -2.80
ASTORIA___5 23518	29.45 1.75 0.00	30.45 2.02 -0.01	27.16 1.49 0.00	27.32 1.42 0.00	28.10 1.49 0.00	30.49 1.81 0.00	39.63 2.35 0.00	45.51 2.94 0.00	38.92 2.82 0.00	34.17 2.47 0.00	33.72 2.56 0.00	32.15 2.41 0.00	33.22 2.60 0.00	34.75 2.69 0.00	36.07 2.80 0.00	42.46 3.39 -0.54	48.09 3.21 -6.72	55.38 3.53 -8.84	50.26 2.89 -13.32	45.61 2.23 -16.82	37.23 2.06 -9.09	34.13 1.99 -7.82	28.99 1.83 -4.83	29.01 1.94 -2.80
AST_ENERGY_2_CC3 323677	29.31 1.61 0.00	30.34 1.90 -0.01	27.01 1.33 0.00	27.19 1.29 0.00	27.97 1.36 0.00	30.40 1.72 0.01	32.99 2.31 6.60	36.47 3.02 9.12	32.99 2.78 5.89	34.13 2.44 0.02	33.64 2.49 0.02	32.08 2.35 0.02	33.14 2.54 0.02	34.67 2.63 0.02	36.01 2.76 0.02	38.88 3.35 2.99	36.69 3.24 4.72	44.27 3.61 2.36	39.08 2.93 -2.10	40.84 2.28 -11.99	33.84 2.09 -5.67	33.82 1.97 -7.54	28.92 1.76 -4.83	28.89 1.82 -2.80
AST_ENERGY_2_CC4 323678	29.31 1.61 0.00	30.34 1.90 -0.01	27.01 1.33 0.00	27.19 1.29 0.00	27.97 1.36 0.00	30.40 1.72 0.01	32.99 2.31 6.60	36.47 3.02 9.12	32.99 2.78 5.89	34.13 2.44 0.02	33.64 2.49 0.02	32.08 2.35 0.02	33.14 2.54 0.02	34.67 2.63 0.02	36.01 2.76 0.02	38.88 3.35 2.99	36.69 3.24 4.72	44.27 3.61 2.36	39.08 2.93 -2.10	40.84 2.28 -11.99	33.84 2.09 -5.67	33.82 1.97 -7.54	28.92 1.76 -4.83	28.89 1.82 -2.80

ATHENS_STG_1 23668	28.42 0.72 0.00	29.25 0.82 0.00	26.32 0.64 0.00	26.49 0.60 0.00	27.20 0.58 0.00	29.46 0.77 0.00	38.36 1.08 0.00	43.90 1.32 0.00	37.33 1.23 0.00	32.65 0.95 0.00	32.09 0.93 0.00	30.61 0.86 0.00	31.60 0.98 0.00	33.08 1.03 0.00	34.40 1.13 0.00	40.56 1.46 -0.57	46.67 1.45 -7.06	53.89 1.59 -9.28	49.34 1.29 -13.99	45.24 1.01 -17.66	36.60 0.97 -9.55	33.38 0.85 -8.22	28.18 0.78 -5.07	28.01 0.80 -2.94
ATHENS_STG_2 23670	28.42 0.72 0.00	29.25 0.82 0.00	26.32 0.64 0.00	26.49 0.60 0.00	27.20 0.58 0.00	29.46 0.77 0.00	38.36 1.08 0.00	43.90 1.32 0.00	37.33 1.23 0.00	32.65 0.95 0.00	32.09 0.93 0.00	30.61 0.86 0.00	31.60 0.98 0.00	33.08 1.03 0.00	34.40 1.13 0.00	40.56 1.46 -0.57	46.67 1.45 -7.06	53.89 1.59 -9.28	49.34 1.29 -13.99	45.24 1.01 -17.66	36.60 0.97 -9.55	33.38 0.85 -8.22	28.18 0.78 -5.07	28.01 0.80 -2.94
ATHENS_STG_3 23677	28.42 0.72 0.00	29.25 0.82 0.00	26.32 0.64 0.00	26.49 0.60 0.00	27.20 0.58 0.00	29.46 0.77 0.00	38.36 1.08 0.00	43.90 1.32 0.00	37.33 1.23 0.00	32.65 0.95 0.00	32.09 0.93 0.00	30.61 0.86 0.00	31.60 0.98 0.00	33.08 1.03 0.00	34.40 1.13 0.00	40.56 1.46 -0.57	46.67 1.45 -7.06	53.89 1.59 -9.28	49.34 1.29 -13.99	45.24 1.01 -17.66	36.60 0.97 -9.55	33.38 0.85 -8.22	28.18 0.78 -5.07	28.01 0.80 -2.94
AUBURN___LFGE 323710	27.67 -0.03 0.00	28.28 -0.14 0.00	25.62 -0.05 0.00	25.84 -0.05 0.00	26.61 0.00 0.00	28.68 0.00 0.00	37.28 0.00 0.00	42.62 0.04 0.00	36.06 -0.04 0.00	31.80 0.10 0.00	31.22 0.06 0.00	29.86 0.12 0.00	30.65 0.03 0.00	32.09 0.03 0.00	33.17 -0.10 0.00	38.29 -0.31 -0.07	38.89 -0.15 -0.88	44.08 -0.09 -1.15	35.83 0.03 -1.74	28.73 -0.03 -2.19	27.25 -0.03 -1.19	24.26 -0.05 0.00	22.27 -0.07 0.00	24.56 -0.07 -0.37
BABYLON_RES_REC 323704	33.73 2.27 -3.75	31.05 2.61 -0.01	27.73 2.03 -0.02	28.02 1.97 -0.15	29.12 2.08 -0.43	31.26 2.55 -0.02	40.08 2.80 0.00	46.11 3.53 0.00	39.17 3.07 0.00	34.85 3.14 -0.01	36.05 2.77 -2.12	36.69 2.56 -4.38	35.33 2.79 -1.93	36.52 2.89 -1.57	36.49 3.06 -0.16	42.57 3.51 -0.54	48.56 3.66 -6.73	61.45 4.13 -14.30	53.01 3.20 -15.76	49.14 2.50 -20.08	38.38 2.56 -9.74	37.59 2.58 -10.71	34.00 2.28 -9.38	32.69 2.33 -6.09
BABYLON___69_KV_BK2 356345	34.00 2.52 -3.78	31.28 2.84 -0.01	27.96 2.26 -0.02	28.28 2.23 -0.15	29.33 2.29 -0.43	31.52 2.81 -0.02	40.07 2.80 0.00	46.53 3.96 0.00	39.28 3.18 0.00	35.14 3.42 -0.01	36.60 3.33 -2.10	37.24 3.15 -4.34	35.87 3.34 -1.91	37.01 3.40 -1.56	37.19 3.76 -0.16	43.26 4.20 -0.54	49.28 4.39 -6.73	62.17 4.90 -14.25	53.73 3.95 -15.73	49.72 3.11 -20.05	38.87 3.05 -9.73	29.96 2.80 -2.85	29.45 2.52 -4.59	32.95 2.57 -6.11
BALL_HILL_WT_PWR 323825	26.62 -1.08 0.00	26.83 -1.59 0.00	24.75 -0.92 0.00	25.07 -0.83 0.00	25.74 -0.88 0.00	28.05 -0.63 0.00	35.97 -1.31 0.00	40.74 -1.83 0.00	34.26 -1.84 0.00	30.81 -0.89 0.00	30.54 -0.62 0.00	29.39 -0.36 0.00	29.95 -0.67 0.00	31.13 -0.93 0.00	31.91 -1.37 0.00	35.98 -2.62 -0.08	36.34 -2.71 -0.88	41.04 -3.14 -1.16	33.42 -2.38 -1.75	27.37 -1.86 -2.67	25.68 -1.85 -1.44	23.03 -2.31 -1.03	21.11 -1.99 -0.77	23.06 -1.65 -0.44
BARON_WINDS___WT_PWR 323822	27.23 -0.47 0.00	27.63 -0.80 0.00	25.29 -0.38 0.00	25.59 -0.31 0.00	26.30 -0.32 0.00	28.65 -0.03 0.00	37.06 -0.22 0.00	42.07 -0.51 0.00	35.45 -0.65 0.00	31.61 -0.09 0.00	31.13 -0.03 0.00	29.87 0.12 0.00	30.53 -0.09 0.00	31.83 -0.22 0.00	32.77 -0.50 0.00	37.37 -1.27 -0.12	38.27 -1.30 -1.40	43.44 -1.42 -1.84	35.81 -1.02 -2.78	29.37 -0.93 -3.74	27.09 -1.02 -2.02	24.63 -1.31 -1.63	22.16 -1.25 -1.07	23.77 -1.12 -0.62
BARRETT_IC_1 23704	33.78 2.13 -3.94	30.77 2.33 -0.01	27.46 1.77 -0.02	27.78 1.74 -0.15	28.87 1.81 -0.44	30.97 2.27 -0.02	39.78 2.50 0.00	45.60 3.02 0.00	38.95 2.85 0.00	34.57 2.85 -0.02	35.93 2.71 -2.06	36.55 2.56 -4.25	35.30 2.82 -1.87	36.47 2.89 -1.53	36.53 3.09 -0.16	42.57 3.51 -0.54	48.36 3.47 -6.73	60.98 3.83 -14.13	52.83 3.10 -15.68	48.96 2.42 -19.98	38.19 2.40 -9.70	37.07 2.24 -10.52	34.14 2.19 -9.62	32.73 2.21 -6.25
BARRETT_IC_10 23701	33.78 2.13 -3.94	30.77 2.33 -0.01	27.46 1.77 -0.02	27.78 1.74 -0.15	28.87 1.81 -0.44	30.97 2.27 -0.02	39.78 2.50 0.00	45.60 3.02 0.00	38.95 2.85 0.00	34.57 2.85 -0.02	35.93 2.71 -2.06	36.55 2.56 -4.25	35.30 2.82 -1.87	36.47 2.89 -1.53	36.53 3.09 -0.16	42.57 3.51 -0.54	48.36 3.47 -6.73	60.98 3.83 -14.13	52.83 3.10 -15.68	48.96 2.42 -19.98	38.19 2.40 -9.70	37.07 2.24 -10.52	34.14 2.19 -9.62	32.73 2.21 -6.25
BARRETT_IC_11 23702	33.78 2.13 -3.94	30.77 2.33 -0.01	27.46 1.77 -0.02	27.78 1.74 -0.15	28.87 1.81 -0.44	30.97 2.27 -0.02	39.78 2.50 0.00	45.60 3.02 0.00	38.95 2.85 0.00	34.57 2.85 -0.02	35.93 2.71 -2.06	36.55 2.56 -4.25	35.30 2.82 -1.87	36.47 2.89 -1.53	36.53 3.09 -0.16	42.57 3.51 -0.54	48.36 3.47 -6.73	60.98 3.83 -14.13	52.83 3.10 -15.68	48.96 2.42 -19.98	38.19 2.40 -9.70	37.07 2.24 -10.52	34.14 2.19 -9.62	32.73 2.21 -6.25
BARRETT_IC_12 23703	33.78 2.13 -3.94	30.77 2.33 -0.01	27.46 1.77 -0.02	27.78 1.74 -0.15	28.87 1.81 -0.44	30.97 2.27 -0.02	39.78 2.50 0.00	45.60 3.02 0.00	38.95 2.85 0.00	34.57 2.85 -0.02	35.93 2.71 -2.06	36.55 2.56 -4.25	35.30 2.82 -1.87	36.47 2.89 -1.53	36.53 3.09 -0.16	42.57 3.51 -0.54	48.36 3.47 -6.73	60.98 3.83 -14.13	52.83 3.10 -15.68	48.96 2.42 -19.98	38.19 2.40 -9.70	37.07 2.24 -10.52	34.14 2.19 -9.62	32.73 2.21 -6.25
BARRETT_IC_2 23705	33.78 2.13 -3.94	30.77 2.33 -0.01	27.46 1.77 -0.02	27.78 1.74 -0.15	28.87 1.81 -0.44	30.97 2.27 -0.02	39.78 2.50 0.00	45.60 3.02 0.00	38.95 2.85 0.00	34.57 2.85 -0.02	35.93 2.71 -2.06	36.55 2.56 -4.25	35.30 2.82 -1.87	36.47 2.89 -1.53	36.53 3.09 -0.16	42.57 3.51 -0.54	48.36 3.47 -6.73	60.98 3.83 -14.13	52.83 3.10 -15.68	48.96 2.42 -19.98	38.19 2.40 -9.70	37.07 2.24 -10.52	34.14 2.19 -9.62	32.73 2.21 -6.25
BARRETT_IC_3 23706	33.78 2.13 -3.94	30.77 2.33 -0.01	27.46 1.77 -0.02	27.78 1.74 -0.15	28.87 1.81 -0.44	30.97 2.27 -0.02	39.78 2.50 0.00	45.60 3.02 0.00	38.95 2.85 0.00	34.57 2.85 -0.02	35.93 2.71 -2.06	36.55 2.56 -4.25	35.30 2.82 -1.87	36.47 2.89 -1.53	36.53 3.09 -0.16	42.57 3.51 -0.54	48.36 3.47 -6.73	60.98 3.83 -14.13	52.83 3.10 -15.68	48.96 2.42 -19.98	38.19 2.40 -9.70	37.07 2.24 -10.52	34.14 2.19 -9.62	32.73 2.21 -6.25
BARRETT_IC_4 23707	33.78 2.13 -3.94	30.77 2.33 -0.01	27.46 1.77 -0.02	27.78 1.74 -0.15	28.87 1.81 -0.44	30.97 2.27 -0.02	39.78 2.50 0.00	45.60 3.02 0.00	38.95 2.85 0.00	34.57 2.85 -0.02	35.93 2.71 -2.06	36.55 2.56 -4.25	35.30 2.82 -1.87	36.47 2.89 -1.53	36.53 3.09 -0.16	42.57 3.51 -0.54	48.36 3.47 -6.73	60.98 3.83 -14.13	52.83 3.10 -15.68	48.96 2.42 -19.98	38.19 2.40 -9.70	37.07 2.24 -10.52	34.14 2.19 -9.62	32.73 2.21 -6.25

BARRETT_IC_5 23708	33.78 2.13 -3.94	30.77 2.33 -0.01	27.46 1.77 -0.02	27.78 1.74 -0.15	28.87 1.81 -0.44	30.97 2.27 -0.02	39.78 2.50 0.00	45.60 3.02 0.00	38.95 2.85 0.00	34.57 2.85 -0.02	35.93 2.71 -2.06	36.55 2.56 -4.25	35.30 2.82 -1.87	36.47 2.89 -1.53	36.53 3.09 -0.16	42.57 3.51 -0.54	48.36 3.47 -6.73	60.98 3.83 -14.13	52.83 3.10 -15.68	48.96 2.42 -19.98	38.19 2.40 -9.70	37.07 2.24 -10.52	34.14 2.19 -9.62	32.73 2.21 -6.25
BARRETT_IC_6 23709	33.78 2.13 -3.94	30.77 2.33 -0.01	27.46 1.77 -0.02	27.78 1.74 -0.15	28.87 1.81 -0.44	30.97 2.27 -0.02	39.78 2.50 0.00	45.60 3.02 0.00	38.95 2.85 0.00	34.57 2.85 -0.02	35.93 2.71 -2.06	36.55 2.56 -4.25	35.30 2.82 -1.87	36.47 2.89 -1.53	36.53 3.09 -0.16	42.57 3.51 -0.54	48.36 3.47 -6.73	60.98 3.83 -14.13	52.83 3.10 -15.68	48.96 2.42 -19.98	38.19 2.40 -9.70	37.07 2.24 -10.52	34.14 2.19 -9.62	32.73 2.21 -6.25
BARRETT_IC_7 23710	33.78 2.13 -3.94	30.74 2.30 -0.01	27.46 1.77 -0.02	27.78 1.74 -0.15	28.87 1.81 -0.44	30.97 2.27 -0.02	39.55 2.27 0.00	45.64 3.07 0.00	38.77 2.67 0.00	34.54 2.82 -0.02	35.96 2.74 -2.06	36.55 2.56 -4.25	35.30 2.82 -1.87	36.37 2.79 -1.53	36.52 3.09 -0.16	42.53 3.47 -0.54	48.36 3.47 -6.73	60.98 3.83 -14.13	52.83 3.10 -15.68	48.98 2.44 -19.98	38.19 2.40 -9.70	29.19 2.19 -2.69	29.33 2.21 -4.79	32.75 2.23 -6.25
BARRETT_IC_8 23711	33.78 2.13 -3.94	30.77 2.33 -0.01	27.46 1.77 -0.02	27.78 1.74 -0.15	28.87 1.81 -0.44	30.97 2.27 -0.02	39.78 2.50 0.00	45.60 3.02 0.00	38.95 2.85 0.00	34.57 2.85 -0.02	35.93 2.71 -2.06	36.55 2.56 -4.25	35.30 2.82 -1.87	36.47 2.89 -1.53	36.53 3.09 -0.16	42.57 3.51 -0.54	48.36 3.47 -6.73	60.98 3.83 -14.13	52.83 3.10 -15.68	48.96 2.42 -19.98	38.19 2.40 -9.70	37.07 2.24 -10.52	34.14 2.19 -9.62	32.73 2.21 -6.25
BARRETT_IC_9 23700	33.78 2.13 -3.94	30.77 2.33 -0.01	27.46 1.77 -0.02	27.78 1.74 -0.15	28.87 1.81 -0.44	30.97 2.27 -0.02	39.78 2.50 0.00	45.60 3.02 0.00	38.95 2.85 0.00	34.57 2.85 -0.02	35.93 2.71 -2.06	36.55 2.56 -4.25	35.30 2.82 -1.87	36.47 2.89 -1.53	36.53 3.09 -0.16	42.57 3.51 -0.54	48.36 3.47 -6.73	60.98 3.83 -14.13	52.83 3.10 -15.68	48.96 2.42 -19.98	38.19 2.40 -9.70	37.07 2.24 -10.52	34.14 2.19 -9.62	32.73 2.21 -6.25
BARRETT___1 23545	33.78 2.13 -3.94	30.77 2.33 -0.01	27.46 1.77 -0.02	27.78 1.74 -0.15	28.87 1.81 -0.44	30.97 2.27 -0.02	39.78 2.50 0.00	45.60 3.02 0.00	38.95 2.85 0.00	34.57 2.85 -0.02	35.93 2.71 -2.06	36.55 2.56 -4.25	35.30 2.82 -1.87	36.47 2.89 -1.53	36.53 3.09 -0.16	42.57 3.51 -0.54	48.36 3.47 -6.73	60.98 3.83 -14.13	52.83 3.10 -15.68	48.96 2.42 -19.98	38.19 2.40 -9.70	37.07 2.24 -10.52	34.14 2.19 -9.62	32.73 2.21 -6.25
BARRETT___2 23546	33.78 2.13 -3.94	30.77 2.33 -0.01	27.46 1.77 -0.02	27.78 1.74 -0.15	28.87 1.81 -0.44	30.97 2.27 -0.02	39.78 2.50 0.00	45.60 3.02 0.00	38.95 2.85 0.00	34.57 2.85 -0.02	35.93 2.71 -2.06	36.55 2.56 -4.25	35.30 2.82 -1.87	36.47 2.89 -1.53	36.53 3.09 -0.16	42.57 3.51 -0.54	48.36 3.47 -6.73	60.98 3.83 -14.13	52.83 3.10 -15.68	48.96 2.42 -19.98	38.19 2.40 -9.70	37.07 2.24 -10.52	34.14 2.19 -9.62	32.73 2.21 -6.25
BATAVIA__115KV_TB1 55881	26.62 -1.08 0.00	26.86 -1.56 0.00	24.67 -1.00 0.00	24.99 -0.91 0.00	25.76 -0.85 0.00	27.91 -0.77 0.00	35.94 -1.34 0.00	40.70 -1.87 0.00	34.51 -1.59 0.00	30.75 -0.95 0.00	30.35 -0.81 0.00	29.21 -0.54 0.00	29.79 -0.83 0.00	31.19 -0.87 0.00	31.77 -1.50 0.00	36.13 -2.47 -0.07	36.69 -2.29 -0.82	41.59 -2.49 -1.07	34.07 -1.60 -1.62	27.71 -1.17 -2.32	26.22 -1.12 -1.25	22.92 -1.26 0.13	21.24 -1.09 0.00	23.68 -0.97 -0.39
BAYONEEC___CTG1 323682	29.34 1.63 0.00	30.37 1.93 -0.01	27.06 1.39 0.00	27.22 1.32 0.00	28.02 1.41 0.00	30.49 1.81 0.00	39.70 2.42 0.00	45.68 3.11 0.00	38.99 2.89 0.00	34.20 2.50 0.00	33.72 2.56 0.00	32.19 2.44 0.00	33.25 2.63 0.00	34.78 2.72 0.00	36.13 2.86 0.00	42.53 3.47 -0.54	48.20 3.32 -6.72	55.59 3.74 -8.84	50.40 3.03 -13.32	45.74 2.36 -16.81	37.34 2.16 -9.09	34.15 2.02 -7.82	28.97 1.81 -4.83	28.89 1.82 -2.80
BAYONEEC___CTG10 323750	29.34 1.63 0.00	30.37 1.93 -0.01	27.06 1.39 0.00	27.22 1.32 0.00	28.02 1.41 0.00	30.49 1.81 0.00	39.70 2.42 0.00	45.68 3.11 0.00	38.99 2.89 0.00	34.20 2.50 0.00	33.72 2.56 0.00	32.19 2.44 0.00	33.25 2.63 0.00	34.78 2.72 0.00	36.13 2.86 0.00	42.53 3.47 -0.54	48.20 3.32 -6.72	55.59 3.74 -8.84	50.40 3.03 -13.32	45.74 2.36 -16.81	37.34 2.16 -9.09	34.15 2.02 -7.82	28.97 1.81 -4.83	28.89 1.82 -2.80
BAYONEEC___CTG2 323683	29.34 1.63 0.00	30.37 1.93 -0.01	27.06 1.39 0.00	27.22 1.32 0.00	28.02 1.41 0.00	30.49 1.81 0.00	39.70 2.42 0.00	45.68 3.11 0.00	38.99 2.89 0.00	34.20 2.50 0.00	33.72 2.56 0.00	32.19 2.44 0.00	33.25 2.63 0.00	34.78 2.72 0.00	36.13 2.86 0.00	42.53 3.47 -0.54	48.20 3.32 -6.72	55.59 3.74 -8.84	50.40 3.03 -13.32	45.74 2.36 -16.81	37.34 2.16 -9.09	34.15 2.02 -7.82	28.97 1.81 -4.83	28.89 1.82 -2.80
BAYONEEC___CTG3 323684	29.34 1.63 0.00	30.37 1.93 -0.01	27.06 1.39 0.00	27.22 1.32 0.00	28.02 1.41 0.00	30.49 1.81 0.00	39.70 2.42 0.00	45.68 3.11 0.00	38.99 2.89 0.00	34.20 2.50 0.00	33.72 2.56 0.00	32.19 2.44 0.00	33.25 2.63 0.00	34.78 2.72 0.00	36.13 2.86 0.00	42.53 3.47 -0.54	48.20 3.32 -6.72	55.59 3.74 -8.84	50.40 3.03 -13.32	45.74 2.36 -16.81	37.34 2.16 -9.09	34.15 2.02 -7.82	28.97 1.81 -4.83	28.89 1.82 -2.80
BAYONEEC___CTG4 323685	29.34 1.63 0.00	30.37 1.93 -0.01	27.06 1.39 0.00	27.22 1.32 0.00	28.02 1.41 0.00	30.49 1.81 0.00	39.70 2.42 0.00	45.68 3.11 0.00	38.99 2.89 0.00	34.20 2.50 0.00	33.72 2.56 0.00	32.19 2.44 0.00	33.25 2.63 0.00	34.78 2.72 0.00	36.13 2.86 0.00	42.53 3.47 -0.54	48.20 3.32 -6.72	55.59 3.74 -8.84	50.40 3.03 -13.32	45.74 2.36 -16.81	37.34 2.16 -9.09	34.15 2.02 -7.82	28.97 1.81 -4.83	28.89 1.82 -2.80
BAYONEEC___CTG5 323686	29.34 1.63 0.00	30.37 1.93 -0.01	27.06 1.39 0.00	27.22 1.32 0.00	28.02 1.41 0.00	30.49 1.81 0.00	39.70 2.42 0.00	45.68 3.11 0.00	38.99 2.89 0.00	34.20 2.50 0.00	33.72 2.56 0.00	32.19 2.44 0.00	33.25 2.63 0.00	34.78 2.72 0.00	36.13 2.86 0.00	42.53 3.47 -0.54	48.20 3.32 -6.72	55.59 3.74 -8.84	50.40 3.03 -13.32	45.74 2.36 -16.81	37.34 2.16 -9.09	34.15 2.02 -7.82	28.97 1.81 -4.83	28.89 1.82 -2.80
BAYONEEC___CTG6 323687	29.34 1.63 0.00	30.37 1.93 -0.01	27.06 1.39 0.00	27.22 1.32 0.00	28.02 1.41 0.00	30.49 1.81 0.00	39.70 2.42 0.00	45.68 3.11 0.00	38.99 2.89 0.00	34.20 2.50 0.00	33.72 2.56 0.00	32.19 2.44 0.00	33.25 2.63 0.00	34.78 2.72 0.00	36.13 2.86 0.00	42.53 3.47 -0.54	48.20 3.32 -6.72	55.59 3.74 -8.84	50.40 3.03 -13.32	45.74 2.36 -16.81	37.34 2.16 -9.09	34.15 2.02 -7.82	28.97 1.81 -4.83	28.89 1.82 -2.80

BAYONEEC___CTG7 323688	29.34 1.63 0.00	30.37 1.93 -0.01	27.06 1.39 0.00	27.22 1.32 0.00	28.02 1.41 0.00	30.49 1.81 0.00	39.70 2.42 0.00	45.68 3.11 0.00	38.99 2.89 0.00	34.20 2.50 0.00	33.72 2.56 0.00	32.19 2.44 0.00	33.25 2.63 0.00	34.78 2.72 0.00	36.13 2.86 0.00	42.53 3.47 -0.54	48.20 3.32 -6.72	55.59 3.74 -8.84	50.40 3.03 -13.32	45.74 2.36 -16.81	37.34 2.16 -9.09	34.15 2.02 -7.82	28.97 1.81 -4.83	28.89 1.82 -2.80
BAYONEEC___CTG8 323689	29.34 1.63 0.00	30.37 1.93 -0.01	27.06 1.39 0.00	27.22 1.32 0.00	28.02 1.41 0.00	30.49 1.81 0.00	39.70 2.42 0.00	45.68 3.11 0.00	38.99 2.89 0.00	34.20 2.50 0.00	33.72 2.56 0.00	32.19 2.44 0.00	33.25 2.63 0.00	34.78 2.72 0.00	36.13 2.86 0.00	42.53 3.47 -0.54	48.20 3.32 -6.72	55.59 3.74 -8.84	50.40 3.03 -13.32	45.74 2.36 -16.81	37.34 2.16 -9.09	34.15 2.02 -7.82	28.97 1.81 -4.83	28.89 1.82 -2.80
BAYONEEC___CTG9 323749	29.34 1.63 0.00	30.37 1.93 -0.01	27.06 1.39 0.00	27.22 1.32 0.00	28.02 1.41 0.00	30.49 1.81 0.00	39.70 2.42 0.00	45.68 3.11 0.00	38.99 2.89 0.00	34.20 2.50 0.00	33.72 2.56 0.00	32.19 2.44 0.00	33.25 2.63 0.00	34.78 2.72 0.00	36.13 2.86 0.00	42.53 3.47 -0.54	48.20 3.32 -6.72	55.59 3.74 -8.84	50.40 3.03 -13.32	45.74 2.36 -16.81	37.34 2.16 -9.09	34.15 2.02 -7.82	28.97 1.81 -4.83	28.89 1.82 -2.80
BEACON___LESR 323632	28.42 0.72 0.00	29.22 0.79 0.00	26.29 0.62 0.00	26.49 0.60 0.00	27.25 0.64 0.00	29.49 0.80 0.00	38.43 1.16 0.00	43.98 1.40 0.00	37.33 1.23 0.00	32.56 0.86 0.00	32.00 0.84 0.00	30.49 0.74 0.00	31.42 0.79 0.00	32.92 0.87 0.00	34.27 1.00 0.00	40.49 1.35 -0.61	47.12 1.34 -7.62	54.67 1.63 -10.02	50.46 1.29 -15.11	46.61 0.98 -19.06	37.35 0.97 -10.30	34.02 0.83 -8.88	28.54 0.74 -5.47	28.10 0.66 -3.17
BEAVER RIVER___HYD 24048	28.31 0.61 0.00	29.14 0.71 0.00	26.24 0.56 0.00	26.62 0.72 0.00	27.47 0.85 0.00	29.63 0.95 0.00	38.73 1.45 0.00	44.23 1.66 0.00	37.22 1.12 0.00	32.71 1.01 0.00	32.09 0.93 0.00	30.55 0.80 0.00	31.39 0.77 0.00	32.92 0.87 0.00	34.04 0.77 0.00	39.39 0.85 -0.02	38.88 0.42 -0.30	43.92 0.52 -0.39	34.67 0.03 -0.59	27.30 0.00 -0.74	26.41 -0.08 -0.40	24.53 -0.12 -0.34	22.32 -0.22 -0.21	24.10 -0.29 -0.12
BEEBEE_GT_13 23619	26.65 -1.05 0.00	27.06 -1.36 0.00	24.70 -0.98 0.00	24.96 -0.93 0.00	25.74 -0.88 0.00	27.79 -0.89 0.00	35.86 -1.42 0.00	40.79 -1.79 0.00	34.62 -1.48 0.00	30.75 -0.95 0.00	30.32 -0.84 0.00	29.12 -0.62 0.00	29.79 -0.83 0.00	31.16 -0.90 0.00	31.94 -1.33 0.00	36.74 -1.85 -0.07	37.31 -1.68 -0.82	42.25 -1.85 -1.08	34.53 -1.16 -1.63	27.79 -0.80 -2.02	26.40 -0.78 -1.09	23.50 -0.83 -0.02	21.60 -0.74 0.00	23.97 -0.63 -0.34
BENSHRST_27_KV_BENSHRST_1 355998	29.75 2.05 0.00	30.79 2.36 -0.01	27.37 1.69 0.00	27.53 1.63 0.00	28.29 1.68 0.00	30.72 2.04 0.00	39.96 2.68 0.00	45.94 3.36 0.00	39.13 3.03 0.00	34.39 2.69 0.00	33.97 2.80 0.00	32.39 2.65 0.00	33.47 2.85 0.00	34.94 2.89 0.00	36.37 3.09 0.00	42.84 3.78 -0.54	48.47 3.59 -6.72	55.89 4.04 -8.84	50.67 3.30 -13.32	45.90 2.52 -16.82	37.47 2.30 -9.09	26.47 2.16 0.01	24.41 2.08 0.00	29.20 2.14 -2.80
BETHLEHEM___GRP 23843	27.95 0.25 0.00	28.74 0.31 0.00	25.88 0.21 0.00	26.08 0.18 0.00	26.77 0.16 0.00	28.97 0.29 0.00	37.73 0.45 0.00	43.17 0.60 0.00	36.60 0.51 0.00	31.99 0.29 0.00	31.44 0.28 0.00	29.98 0.24 0.00	30.90 0.28 0.00	32.35 0.29 0.00	33.74 0.47 0.00	39.83 0.69 -0.61	46.48 0.69 -7.62	53.86 0.82 -10.03	49.78 0.61 -15.12	46.11 0.48 -19.07	36.86 0.47 -10.31	24.68 0.36 0.00	22.67 0.33 0.00	27.73 0.29 -3.18
BETHLEHEM___GS1 323560	27.95 0.25 0.00	28.74 0.31 0.00	25.88 0.20 0.00	26.08 0.18 0.00	26.80 0.19 0.00	28.97 0.29 0.00	37.73 0.45 0.00	43.13 0.55 0.00	36.67 0.58 0.00	32.02 0.32 0.00	31.44 0.28 0.00	29.98 0.24 0.00	30.90 0.27 0.00	32.38 0.32 0.00	33.74 0.47 0.00	39.83 0.69 -0.61	46.48 0.69 -7.62	53.86 0.82 -10.03	49.78 0.61 -15.12	46.11 0.48 -19.07	36.86 0.47 -10.31	33.61 0.41 -8.88	28.19 0.38 -5.47	27.74 0.29 -3.18
BETHLEHEM___GS2 323561	27.95 0.25 0.00	28.74 0.31 0.00	25.88 0.20 0.00	26.08 0.18 0.00	26.80 0.19 0.00	28.97 0.29 0.00	37.73 0.45 0.00	43.13 0.55 0.00	36.67 0.58 0.00	32.02 0.32 0.00	31.44 0.28 0.00	29.98 0.24 0.00	30.90 0.27 0.00	32.38 0.32 0.00	33.74 0.47 0.00	39.83 0.69 -0.61	46.48 0.69 -7.62	53.86 0.82 -10.03	49.78 0.61 -15.12	46.11 0.48 -19.07	36.86 0.47 -10.31	33.61 0.41 -8.88	28.19 0.38 -5.47	27.74 0.29 -3.18
BETHLEHEM___GS3 323562	27.95 0.25 0.00	28.74 0.31 0.00	25.88 0.20 0.00	26.08 0.18 0.00	26.80 0.19 0.00	28.97 0.29 0.00	37.73 0.45 0.00	43.13 0.55 0.00	36.67 0.58 0.00	32.02 0.32 0.00	31.44 0.28 0.00	29.98 0.24 0.00	30.90 0.27 0.00	32.38 0.32 0.00	33.74 0.47 0.00	39.83 0.69 -0.61	46.48 0.69 -7.62	53.86 0.82 -10.03	49.78 0.61 -15.12	46.11 0.48 -19.07	36.86 0.47 -10.31	33.61 0.41 -8.88	28.19 0.38 -5.47	27.74 0.29 -3.18
BETHLEHEM___STEEL 23779	26.59 -1.11 0.00	26.81 -1.62 0.00	24.73 -0.95 0.00	25.02 -0.88 0.00	25.79 -0.83 0.00	27.99 -0.69 0.00	35.94 -1.34 0.00	40.57 -2.00 0.00	34.37 -1.73 0.00	30.75 -0.95 0.00	30.41 -0.75 0.00	29.27 -0.48 0.00	29.82 -0.80 0.00	31.22 -0.83 0.00	31.77 -1.50 0.00	35.67 -2.93 -0.08	36.22 -2.82 -0.88	40.94 -3.23 -1.15	33.41 -2.38 -1.74	27.38 -1.83 -2.65	25.77 -1.75 -1.43	22.23 -1.87 0.21	20.66 -1.67 0.00	23.13 -1.58 -0.44
BETHLHEM_115KV_TB1 79974	28.01 0.30 0.00	28.79 0.37 0.00	25.96 0.28 0.00	26.13 0.23 0.00	26.85 0.24 0.00	29.03 0.34 0.00	37.80 0.52 0.00	43.26 0.68 0.00	36.71 0.61 0.00	32.08 0.38 0.00	31.53 0.37 0.00	30.07 0.33 0.00	30.99 0.37 0.00	32.44 0.38 0.00	33.84 0.57 0.00	39.91 0.77 -0.61	46.55 0.76 -7.62	53.94 0.90 -10.02	49.84 0.68 -15.11	46.15 0.53 -19.06	36.93 0.55 -10.30	24.75 0.44 0.00	22.71 0.38 0.00	27.78 0.34 -3.17
BETHPAGE_CC_5 323564	33.62 2.24 -3.68	31.02 2.59 -0.01	27.67 1.98 -0.02	27.99 1.94 -0.15	29.05 2.02 -0.42	31.20 2.49 -0.02	39.96 2.69 0.00	45.90 3.32 0.00	39.06 2.96 0.00	34.76 3.04 -0.01	36.31 2.96 -2.19	37.03 2.77 -4.52	35.61 3.00 -1.99	36.79 3.11 -1.62	36.74 3.29 -0.17	42.80 3.74 -0.54	48.71 3.82 -6.73	61.74 4.26 -14.47	53.32 3.44 -15.83	49.42 2.68 -20.18	38.45 2.61 -9.76	37.53 2.43 -10.78	33.82 2.19 -9.30	32.60 2.31 -6.02
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	26.73 -0.97 0.00	26.92 -1.51 0.00	24.83 -0.85 0.00	25.14 -0.75 0.00	25.92 -0.69 0.00	28.14 -0.54 0.00	36.16 -1.12 0.00	40.79 -1.79 0.00	34.55 -1.55 0.00	30.91 -0.79 0.00	30.57 -0.59 0.00	29.42 -0.33 0.00	29.98 -0.64 0.00	31.42 -0.64 0.00	31.94 -1.33 0.00	35.75 -2.85 -0.08	36.31 -2.75 -0.89	41.09 -3.10 -1.17	33.43 -2.38 -1.76	27.38 -1.86 -2.68	25.76 -1.77 -1.45	22.18 -1.92 0.21	20.64 -1.70 0.00	23.09 -1.63 -0.45

BINGHAMTON___COGEN 23790	27.98 0.28 0.00	28.60 0.17 0.00	25.96 0.28 0.00	26.18 0.28 0.00	26.93 0.32 0.00	29.14 0.46 0.00	37.87 0.60 0.00	43.17 0.60 0.00	36.57 0.47 0.00	32.24 0.54 0.00	31.69 0.53 0.00	30.31 0.57 0.00	31.14 0.52 0.00	32.57 0.51 0.00	33.67 0.40 0.00	38.89 0.19 -0.18	40.67 0.31 -2.20	46.34 0.43 -2.89	38.78 0.37 -4.36	32.40 0.27 -5.57	29.33 0.23 -3.01	24.45 0.17 0.03	22.47 0.13 0.00	25.29 0.10 -0.93
BIXINCNT_115KV_LOAD 355685	26.82 -0.89 0.00	27.00 -1.42 0.00	24.93 -0.74 0.00	25.25 -0.65 0.00	26.08 -0.53 0.00	28.45 -0.23 0.00	36.76 -0.52 0.00	41.55 -1.02 0.00	35.05 -1.05 0.00	31.38 -0.32 0.00	31.07 -0.09 0.00	29.84 0.09 0.00	30.35 -0.28 0.00	31.80 -0.26 0.00	32.31 -0.96 0.00	35.83 -2.77 -0.08	36.41 -2.71 -0.96	41.22 -3.05 -1.26	33.36 -2.59 -1.89	27.20 -2.18 -2.82	25.26 -2.35 -1.52	21.71 -2.41 0.20	20.23 -2.10 0.00	22.41 -2.33 -0.47
BLACK RIVER___HYD 24047	28.40 0.69 0.00	29.14 0.71 0.00	26.29 0.62 0.00	26.65 0.75 0.00	27.49 0.88 0.00	29.69 1.00 0.00	38.84 1.57 0.00	44.49 1.92 0.00	37.40 1.30 0.00	32.84 1.14 0.00	32.16 1.00 0.00	30.64 0.89 0.00	31.48 0.86 0.00	32.99 0.93 0.00	34.07 0.80 0.00	39.52 0.96 -0.03	39.20 0.65 -0.38	44.55 1.03 -0.50	35.35 0.54 -0.76	27.94 0.42 -0.96	26.94 0.34 -0.52	25.03 0.27 -0.45	22.70 0.09 -0.27	24.50 0.07 -0.16
BLACKRVR_115KV_TB2 79977	28.39 0.69 0.00	29.14 0.71 0.00	26.29 0.62 0.00	26.65 0.75 0.00	27.49 0.88 0.00	29.69 1.00 0.00	38.84 1.57 0.00	44.45 1.87 0.00	37.40 1.30 0.00	32.84 1.14 0.00	32.13 0.97 0.00	30.64 0.89 0.00	31.48 0.86 0.00	33.02 0.96 0.00	34.07 0.80 0.00	39.48 0.92 -0.03	39.20 0.65 -0.38	44.55 1.03 -0.50	35.36 0.54 -0.76	27.94 0.43 -0.96	26.94 0.34 -0.52	24.60 0.29 0.00	22.42 0.09 0.00	24.48 0.05 -0.16
BLISS_WT_PWR 323608	26.73 -0.97 0.00	26.92 -1.51 0.00	24.88 -0.80 0.00	25.20 -0.70 0.00	25.90 -0.72 0.00	28.40 -0.29 0.00	36.64 -0.63 0.00	41.51 -1.06 0.00	34.80 -1.30 0.00	31.35 -0.35 0.00	31.04 -0.12 0.00	29.84 0.09 0.00	30.34 -0.28 0.00	31.61 -0.45 0.00	32.31 -0.97 0.00	36.18 -2.43 -0.08	36.34 -2.78 -0.96	41.09 -3.18 -1.26	33.25 -2.69 -1.89	27.09 -2.28 -2.82	25.03 -2.58 -1.52	22.70 -2.72 -1.11	20.73 -2.41 -0.81	22.21 -2.52 -0.47
BLUESTONE___WT_PWR 323821	29.28 1.58 0.00	29.96 1.53 0.00	27.09 1.41 0.00	27.45 1.55 0.00	28.26 1.65 0.00	30.63 1.95 0.00	40.04 2.76 0.00	45.85 3.28 0.00	38.73 2.63 0.00	34.01 2.31 0.00	33.37 2.21 0.00	31.95 2.20 0.00	32.80 2.17 0.00	34.37 2.31 0.00	35.40 2.13 0.00	41.18 2.47 -0.19	43.03 2.48 -2.38	49.33 3.18 -3.13	41.12 2.35 -4.72	34.36 1.78 -6.02	30.98 1.64 -3.25	28.50 1.41 -2.78	25.20 1.14 -1.73	26.48 1.21 -1.00
BLUE_CIRC_CHEM_DRP 24182	28.34 0.64 0.00	29.14 0.71 0.00	26.27 0.59 0.00	26.47 0.57 0.00	27.17 0.56 0.00	29.37 0.69 0.00	38.21 0.93 0.00	43.64 1.06 0.00	36.97 0.87 0.00	32.27 0.57 0.00	31.72 0.56 0.00	30.22 0.48 0.00	31.11 0.49 0.00	32.60 0.54 0.00	34.00 0.73 0.00	40.17 1.04 -0.61	46.73 1.03 -7.54	54.14 1.20 -9.92	49.96 0.95 -14.95	46.17 0.74 -18.86	37.04 0.76 -10.19	24.94 0.63 0.00	22.91 0.58 0.00	27.97 0.56 -3.14
BOC_GAS_DRP 24189	28.17 0.47 0.00	28.97 0.54 0.00	26.11 0.44 0.00	26.31 0.41 0.00	27.01 0.40 0.00	29.20 0.52 0.00	38.02 0.75 0.00	43.47 0.89 0.00	36.89 0.79 0.00	32.30 0.60 0.00	31.75 0.59 0.00	30.28 0.54 0.00	31.20 0.58 0.00	32.67 0.61 0.00	34.04 0.77 0.00	40.14 1.00 -0.61	46.71 0.95 -7.59	54.08 1.08 -9.99	49.96 0.85 -15.05	46.22 0.66 -18.99	37.03 0.68 -10.26	24.87 0.56 0.00	22.87 0.54 0.00	27.94 0.51 -3.16
BOONVILLE_115KV_TB1 79983	28.42 0.72 0.00	29.16 0.74 0.00	26.32 0.64 0.00	26.62 0.73 0.00	27.44 0.83 0.00	29.63 0.95 0.00	38.66 1.38 0.00	44.19 1.62 0.00	37.36 1.26 0.00	32.78 1.08 0.00	32.16 1.00 0.00	30.70 0.95 0.00	31.57 0.95 0.00	33.11 1.06 0.00	34.24 0.96 0.00	39.66 1.12 -0.02	39.33 0.92 -0.25	44.46 1.12 -0.33	35.20 0.65 -0.50	27.67 0.48 -0.63	26.84 0.42 -0.34	24.68 0.36 0.00	22.56 0.22 0.00	24.59 0.22 -0.10
BORALEX_4TH_BRANCH 23824	29.20 1.50 0.00	29.99 1.56 0.00	27.04 1.36 0.00	27.22 1.32 0.00	27.97 1.36 0.00	30.38 1.69 0.00	39.70 2.42 0.00	45.47 2.90 0.00	38.52 2.42 0.00	33.51 1.81 0.00	32.78 1.62 0.00	31.26 1.52 0.00	32.21 1.59 0.00	33.79 1.73 0.00	35.33 2.06 0.00	41.76 2.62 -0.61	48.49 2.71 -7.61	56.12 3.10 -10.01	51.46 2.32 -15.09	47.39 1.78 -19.04	38.26 1.88 -10.29	25.94 1.63 0.00	23.78 1.45 0.00	28.92 1.48 -3.17
BOWLINE___1 23526	29.03 1.33 0.00	29.93 1.51 0.00	26.80 1.13 0.00	27.01 1.11 0.00	27.78 1.17 0.00	30.26 1.58 0.00	39.36 2.09 0.00	45.26 2.68 0.00	38.52 2.42 0.00	33.76 2.06 0.00	33.25 2.09 0.00	31.71 1.96 0.00	32.76 2.14 0.00	34.30 2.24 0.00	35.63 2.36 0.00	41.98 2.93 -0.53	47.72 2.94 -6.62	55.04 3.31 -8.71	49.87 2.69 -13.13	45.21 2.07 -16.57	36.97 1.93 -8.96	33.80 1.77 -7.71	28.68 1.59 -4.76	28.58 1.55 -2.76
BOWLINE___2 23595	29.03 1.33 0.00	29.93 1.51 0.00	26.80 1.13 0.00	27.01 1.11 0.00	27.78 1.17 0.00	30.26 1.58 0.00	39.36 2.09 0.00	45.26 2.68 0.00	38.52 2.42 0.00	33.76 2.06 0.00	33.25 2.09 0.00	31.71 1.96 0.00	32.76 2.14 0.00	34.30 2.24 0.00	35.63 2.36 0.00	41.98 2.93 -0.53	47.72 2.94 -6.62	55.04 3.31 -8.71	49.87 2.69 -13.13	45.21 2.07 -16.58	36.97 1.93 -8.96	33.80 1.77 -7.71	28.68 1.59 -4.76	28.58 1.55 -2.76
BRADY___115KV_TB2 356060	28.20 0.50 0.00	29.22 0.80 0.00	26.27 0.59 0.00	26.75 0.85 0.00	27.68 1.06 0.00	29.92 1.23 0.00	38.96 1.68 0.00	43.77 1.19 0.00	36.82 0.72 0.00	32.65 0.95 0.00	31.85 0.69 0.00	30.28 0.54 0.00	31.26 0.64 0.00	32.76 0.71 0.00	33.87 0.60 0.00	38.96 0.42 -0.01	38.20 -0.11 -0.15	42.66 -0.56 -0.20	33.16 -1.19 -0.30	26.15 -0.80 -0.38	25.48 -0.81 -0.21	23.46 -0.85 0.00	21.42 -0.92 0.00	23.17 -1.16 -0.06
BRANSCOMB___SOLAR 323811	29.22 1.52 0.00	30.02 1.59 0.00	27.04 1.36 0.00	27.24 1.35 0.00	28.02 1.41 0.00	30.38 1.69 0.00	39.59 2.31 0.00	45.26 2.68 0.00	38.37 2.28 0.00	33.41 1.71 0.00	32.84 1.68 0.00	31.23 1.49 0.00	32.15 1.53 0.00	33.69 1.63 0.00	35.10 1.83 0.00	41.50 2.35 -0.63	48.31 2.37 -7.78	56.09 2.84 -10.23	51.69 2.21 -15.43	47.73 1.70 -19.46	38.30 1.69 -10.52	34.83 1.46 -9.06	29.24 1.32 -5.59	28.77 1.26 -3.24
BRENTWOD_69_KV_W. BRTWOOD 56703	33.93 2.38 -3.85	31.17 2.73 -0.01	27.86 2.16 -0.02	28.18 2.12 -0.16	29.26 2.21 -0.44	31.40 2.70 -0.02	39.92 2.65 0.00	46.32 3.75 0.00	39.10 3.00 0.00	35.01 3.30 -0.02	36.44 3.24 -2.04	36.99 3.03 -4.21	35.69 3.22 -1.85	36.87 3.30 -1.51	37.06 3.63 -0.16	43.11 4.04 -0.54	49.05 4.16 -6.73	61.71 4.60 -14.09	53.43 3.71 -15.66	49.46 2.95 -19.95	38.75 2.95 -9.72	29.76 2.67 -2.78	29.44 2.43 -4.68	32.89 2.45 -6.17

BRISTLHL_115KV_TB1 79998	27.23 -0.47 0.00	27.86 -0.57 0.00	25.24 -0.44 0.00	25.46 -0.44 0.00	26.16 -0.45 0.00	28.11 -0.57 0.00	36.50 -0.78 0.00	41.72 -0.85 0.00	35.34 -0.76 0.00	31.13 -0.57 0.00	30.60 -0.56 0.00	29.24 -0.51 0.00	30.04 -0.58 0.00	31.45 -0.61 0.00	32.57 -0.70 0.00	37.65 -0.92 -0.05	37.90 -0.84 -0.57	42.87 -0.90 -0.75	34.54 -0.65 -1.14	27.49 -0.50 -1.44	26.37 -0.50 -0.78	23.92 -0.39 0.00	21.95 -0.38 0.00	24.14 -0.36 -0.24
BROOKHAVEN___DRP 24191	33.90 2.33 -3.87	31.20 2.76 -0.01	27.88 2.18 -0.02	28.20 2.15 -0.16	29.29 2.24 -0.44	31.37 2.67 -0.02	39.81 2.53 0.00	46.28 3.70 0.00	38.88 2.78 0.00	34.82 3.11 -0.02	36.33 3.15 -2.02	36.87 2.94 -4.18	35.58 3.12 -1.84	36.76 3.21 -1.50	37.12 3.69 -0.16	42.96 3.89 -0.54	49.28 4.39 -6.72	61.80 4.73 -14.05	53.51 3.81 -15.64	49.63 3.13 -19.93	38.77 2.97 -9.71	29.77 2.70 -2.76	29.47 2.43 -4.70	32.86 2.40 -6.19
BROOKLYN_NAVY_YARD 23515	29.28 1.58 0.00	30.31 1.88 -0.01	26.98 1.31 0.00	27.16 1.27 0.00	27.94 1.33 0.00	30.43 1.75 0.00	39.63 2.35 0.00	45.60 3.02 0.00	38.92 2.82 0.00	34.17 2.47 0.00	33.68 2.52 0.00	32.13 2.38 0.00	33.19 2.57 0.00	34.72 2.66 0.00	36.07 2.80 0.00	42.46 3.39 -0.54	48.16 3.28 -6.72	55.50 3.65 -8.84	50.33 2.96 -13.32	45.66 2.28 -16.81	37.29 2.11 -9.09	34.13 1.99 -7.82	28.95 1.79 -4.83	28.84 1.77 -2.80
BROOKLYN___ARMY_DRP 323595	29.64 1.94 0.00	30.68 2.25 -0.01	27.29 1.62 0.00	27.45 1.55 0.00	28.21 1.60 0.00	30.63 1.95 0.00	39.81 2.53 0.00	45.77 3.19 0.00	38.99 2.89 0.00	34.27 2.57 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.35 2.73 0.00	34.81 2.76 0.00	36.23 2.96 0.00	42.65 3.58 -0.54	48.32 3.43 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.80 2.42 -16.82	37.37 2.19 -9.09	26.37 2.07 0.01	24.34 2.01 0.00	29.13 2.06 -2.80
BROOKVLE_69_KV_TB1 55790	32.80 2.08 -3.02	30.77 2.33 -0.01	27.49 1.80 -0.02	27.75 1.74 -0.12	28.77 1.81 -0.34	30.99 2.29 -0.02	39.89 2.61 0.00	46.07 3.49 0.00	39.13 3.03 0.00	34.66 2.95 -0.01	36.74 2.99 -2.59	37.92 2.83 -5.34	36.00 3.03 -2.35	37.05 3.08 -1.92	36.80 3.33 -0.20	42.92 3.85 -0.54	48.79 3.89 -6.73	62.86 4.34 -15.50	53.85 3.51 -16.29	50.09 2.74 -20.79	38.54 2.58 -9.87	30.09 2.33 -3.44	28.17 2.17 -3.67	31.88 2.16 -5.45
BROOME_2_LFGE 323671	27.98 0.28 0.00	28.60 0.17 0.00	25.96 0.28 0.00	26.18 0.29 0.00	26.91 0.29 0.00	29.14 0.46 0.00	37.84 0.56 0.00	43.17 0.60 0.00	36.53 0.43 0.00	32.24 0.54 0.00	31.69 0.53 0.00	30.31 0.56 0.00	31.14 0.52 0.00	32.57 0.51 0.00	33.67 0.40 0.00	38.97 0.27 -0.18	40.67 0.30 -2.20	46.34 0.43 -2.89	38.79 0.38 -4.36	32.40 0.27 -5.57	29.33 0.23 -3.01	26.99 0.12 -2.56	24.02 0.09 -1.60	25.29 0.10 -0.93
BROOME___LFGE 323600	27.98 0.28 0.00	28.60 0.17 0.00	25.96 0.28 0.00	26.18 0.29 0.00	26.91 0.29 0.00	29.14 0.46 0.00	37.84 0.56 0.00	43.17 0.60 0.00	36.53 0.43 0.00	32.24 0.54 0.00	31.69 0.53 0.00	30.31 0.56 0.00	31.14 0.52 0.00	32.57 0.51 0.00	33.67 0.40 0.00	38.97 0.27 -0.18	40.67 0.30 -2.20	46.34 0.43 -2.89	38.79 0.38 -4.36	32.40 0.27 -5.57	29.33 0.23 -3.01	26.99 0.12 -2.56	24.02 0.09 -1.60	25.29 0.10 -0.93
BROWNFLS_115KV_TB_3_5 80003	28.20 0.50 0.00	29.11 0.68 0.00	26.19 0.51 0.00	26.59 0.70 0.00	27.49 0.88 0.00	29.69 1.00 0.00	38.73 1.45 0.00	43.85 1.28 0.00	36.97 0.87 0.00	32.62 0.92 0.00	31.91 0.75 0.00	30.40 0.65 0.00	31.29 0.67 0.00	32.79 0.74 0.00	33.90 0.63 0.00	39.12 0.58 -0.02	38.48 0.08 -0.24	43.24 -0.09 -0.31	33.91 -0.61 -0.47	26.71 -0.45 -0.60	25.94 -0.47 -0.32	23.80 -0.51 0.00	21.75 -0.58 0.00	23.61 -0.75 -0.10
BROWNSV1_27_KV_LOAD 356125	29.53 1.83 0.00	30.59 2.16 0.00	27.22 1.54 0.00	27.40 1.50 0.00	28.16 1.54 0.00	30.69 2.01 0.00	39.96 2.68 0.00	46.02 3.45 0.00	39.20 3.10 0.00	34.43 2.73 0.00	34.00 2.84 0.00	32.42 2.68 0.00	33.47 2.85 0.00	34.94 2.89 0.00	36.40 3.13 0.00	42.80 3.74 -0.54	48.55 3.66 -6.72	55.94 4.09 -8.84	50.67 3.30 -13.32	45.95 2.58 -16.81	37.52 2.35 -9.09	26.45 2.14 0.01	24.34 2.01 0.00	29.08 2.01 -2.80
BURROWS___LYONSDAL 23803	28.39 0.69 0.00	29.16 0.74 0.00	26.29 0.62 0.00	26.62 0.73 0.00	27.47 0.85 0.00	29.63 0.95 0.00	38.69 1.42 0.00	44.19 1.62 0.00	37.33 1.23 0.00	32.78 1.08 0.00	32.13 0.97 0.00	30.67 0.92 0.00	31.54 0.92 0.00	33.08 1.03 0.00	34.20 0.93 0.00	39.62 1.08 -0.02	39.19 0.76 -0.26	44.30 0.95 -0.34	35.04 0.48 -0.52	27.53 0.32 -0.65	26.70 0.26 -0.35	24.53 0.22 0.00	22.42 0.09 0.00	24.45 0.07 -0.11
CAITHNESS_CC_1 323624	33.84 2.27 -3.87	31.03 2.59 -0.01	27.81 2.11 -0.02	28.13 2.07 -0.16	29.21 2.15 -0.44	31.29 2.58 -0.02	40.00 2.72 0.00	46.11 3.53 0.00	38.99 2.89 0.00	34.79 3.07 -0.02	36.24 3.06 -2.02	36.78 2.86 -4.18	35.49 3.03 -1.84	36.76 3.21 -1.50	36.82 3.40 -0.16	42.88 3.81 -0.54	49.09 4.20 -6.72	61.62 4.56 -14.05	53.37 3.68 -15.64	49.46 2.97 -19.93	38.67 2.87 -9.71	37.53 2.63 -10.59	34.18 2.32 -9.53	32.79 2.33 -6.19
CALPINE BETH_PAGE_GT4 24209	33.54 2.24 -3.59	31.00 2.56 -0.01	27.67 1.98 -0.02	27.96 1.92 -0.15	29.02 2.00 -0.41	31.20 2.50 -0.02	39.78 2.50 0.00	45.98 3.41 0.00	38.99 2.89 0.00	34.79 3.07 -0.01	36.44 3.02 -2.26	37.24 2.83 -4.67	35.74 3.06 -2.05	36.84 3.11 -1.68	36.81 3.36 -0.18	42.88 3.81 -0.54	48.82 3.93 -6.73	62.07 4.39 -14.66	53.51 3.54 -15.92	49.62 2.76 -20.29	38.52 2.66 -9.78	29.79 2.43 -3.04	28.95 2.26 -4.37	32.55 2.33 -5.95
CALPINE_BETH_PAGE_GT_4 323586	33.54 2.24 -3.59	31.00 2.56 -0.01	27.67 1.98 -0.02	27.96 1.92 -0.15	29.04 2.02 -0.41	31.20 2.49 -0.02	40.00 2.72 0.00	45.98 3.41 0.00	39.13 3.03 0.00	34.82 3.11 -0.01	36.44 3.02 -2.26	37.25 2.83 -4.67	35.74 3.06 -2.05	36.91 3.17 -1.68	36.81 3.36 -0.18	42.92 3.85 -0.54	48.82 3.93 -6.73	62.07 4.39 -14.66	53.51 3.54 -15.92	49.59 2.74 -20.29	38.53 2.66 -9.78	37.67 2.48 -10.87	33.74 2.21 -9.19	32.52 2.31 -5.95
CALPINE_BP_GT1 23823	33.54 2.24 -3.59	31.00 2.56 -0.01	27.67 1.98 -0.02	27.96 1.92 -0.15	29.04 2.02 -0.41	31.20 2.49 -0.02	40.00 2.72 0.00	45.98 3.41 0.00	39.13 3.03 0.00	34.82 3.11 -0.01	36.44 3.02 -2.26	37.25 2.83 -4.67	35.74 3.06 -2.05	36.91 3.17 -1.68	36.81 3.36 -0.18	42.92 3.85 -0.54	48.82 3.93 -6.73	62.07 4.39 -14.66	53.51 3.54 -15.92	49.59 2.74 -20.29	38.53 2.66 -9.78	37.67 2.48 -10.87	33.74 2.21 -9.19	32.52 2.31 -5.95
CALSPAN___DRP 24200	26.59 -1.11 0.00	26.81 -1.62 0.00	24.73 -0.95 0.00	25.02 -0.88 0.00	25.79 -0.83 0.00	27.99 -0.69 0.00	35.94 -1.34 0.00	40.57 -2.00 0.00	34.37 -1.73 0.00	30.75 -0.95 0.00	30.41 -0.75 0.00	29.27 -0.48 0.00	29.82 -0.80 0.00	31.22 -0.83 0.00	31.77 -1.50 0.00	35.67 -2.93 -0.08	36.22 -2.82 -0.88	40.94 -3.23 -1.15	33.41 -2.38 -1.74	27.38 -1.83 -2.65	25.77 -1.75 -1.43	22.23 -1.87 0.21	20.66 -1.67 0.00	23.13 -1.58 -0.44

CALVERTON___SOLAR 323806	33.98 2.41 -3.87	31.14 2.70 -0.01	27.98 2.28 -0.02	28.31 2.25 -0.16	29.40 2.34 -0.44	31.49 2.78 -0.02	40.30 3.02 0.00	46.45 3.87 0.00	39.17 3.07 0.00	34.95 3.23 -0.02	36.42 3.24 -2.02	36.96 3.04 -4.18	35.67 3.21 -1.84	36.92 3.37 -1.50	37.02 3.59 -0.16	43.11 4.04 -0.54	49.47 4.58 -6.72	61.97 4.90 -14.05	53.68 3.98 -15.64	49.76 3.27 -19.93	38.90 3.10 -9.71	37.74 2.84 -10.59	34.34 2.48 -9.53	32.91 2.45 -6.19
CANDIGU_WT_PWR 323617	27.23 -0.47 0.00	27.63 -0.80 0.00	25.29 -0.38 0.00	25.59 -0.31 0.00	26.30 -0.32 0.00	28.65 -0.03 0.00	37.06 -0.22 0.00	42.07 -0.51 0.00	35.45 -0.65 0.00	31.61 -0.09 0.00	31.13 -0.03 0.00	29.87 0.12 0.00	30.53 -0.09 0.00	31.83 -0.22 0.00	32.77 -0.50 0.00	37.37 -1.27 -0.12	38.27 -1.30 -1.40	43.44 -1.42 -1.84	35.81 -1.02 -2.78	29.37 -0.93 -3.74	27.09 -1.02 -2.02	24.63 -1.31 -1.63	22.16 -1.25 -1.07	23.77 -1.12 -0.62
CARR STREET_E_SYR 24060	27.37 -0.33 0.00	28.00 -0.43 0.00	25.37 -0.31 0.00	25.59 -0.31 0.00	26.30 -0.32 0.00	28.28 -0.40 0.00	36.72 -0.56 0.00	41.98 -0.60 0.00	35.56 -0.54 0.00	31.35 -0.35 0.00	30.82 -0.34 0.00	29.45 -0.30 0.00	30.28 -0.34 0.00	31.67 -0.38 0.00	32.81 -0.47 0.00	37.88 -0.69 -0.05	38.19 -0.61 -0.64	43.21 -0.64 -0.84	34.88 -0.44 -1.27	27.79 -0.37 -1.60	26.61 -0.34 -0.86	24.74 -0.32 -0.74	22.52 -0.27 -0.46	24.29 -0.24 -0.27
CARTHAGE___PAPER 23857	28.34 0.64 0.00	29.14 0.71 0.00	26.27 0.59 0.00	26.62 0.72 0.00	27.47 0.85 0.00	29.66 0.98 0.00	38.81 1.53 0.00	44.36 1.79 0.00	37.29 1.19 0.00	32.74 1.04 0.00	32.09 0.93 0.00	30.55 0.80 0.00	31.39 0.77 0.00	32.92 0.87 0.00	34.00 0.73 0.00	39.44 0.89 -0.03	39.05 0.53 -0.35	44.20 0.73 -0.46	34.98 0.24 -0.69	27.62 0.19 -0.87	26.66 0.10 -0.47	24.77 0.05 -0.41	22.49 -0.09 -0.25	24.27 -0.14 -0.15
CASSADAGA_WT_PWR 323784	26.98 -0.72 0.00	27.18 -1.25 0.00	25.14 -0.54 0.00	25.48 -0.42 0.00	26.19 -0.43 0.00	28.65 -0.03 0.00	36.91 -0.37 0.00	41.98 -0.60 0.00	35.30 -0.79 0.00	31.73 0.03 0.00	31.41 0.25 0.00	30.25 0.51 0.00	30.81 0.18 0.00	32.02 -0.03 0.00	32.77 -0.50 0.00	36.79 -1.81 -0.08	37.00 -2.10 -0.94	41.40 -2.84 -1.23	33.49 -2.42 -1.85	27.24 -2.10 -2.78	25.40 -2.19 -1.50	22.70 -2.70 -1.09	20.63 -2.50 -0.80	22.50 -2.23 -0.46
CE_DUNWOOD___DRP 24194	29.17 1.47 0.00	30.13 1.71 0.00	26.93 1.26 0.00	27.11 1.22 0.00	27.89 1.28 0.00	30.38 1.69 0.00	39.51 2.24 0.00	45.47 2.90 0.00	38.66 2.56 0.00	33.95 2.25 0.00	33.47 2.31 0.00	31.92 2.17 0.00	32.98 2.36 0.00	34.43 2.37 0.00	35.87 2.60 0.00	42.18 3.12 -0.54	48.00 3.13 -6.71	55.33 3.48 -8.83	50.18 2.83 -13.30	45.54 2.18 -16.80	37.20 2.03 -9.08	26.13 1.82 0.01	24.03 1.70 0.00	28.74 1.67 -2.80
CE_MILLWOOD___DRP 24193	29.12 1.41 0.00	30.05 1.62 0.00	26.91 1.23 0.00	27.09 1.19 0.00	27.84 1.22 0.00	30.32 1.63 0.00	39.44 2.16 0.00	45.38 2.81 0.00	38.59 2.49 0.00	33.86 2.16 0.00	33.37 2.21 0.00	31.83 2.08 0.00	32.89 2.27 0.00	34.33 2.28 0.00	35.77 2.50 0.00	42.11 3.04 -0.54	47.88 3.02 -6.70	55.22 3.40 -8.81	50.09 2.76 -13.28	45.46 2.12 -16.77	37.13 1.98 -9.06	26.08 1.77 0.01	23.99 1.65 0.00	28.69 1.63 -2.79
CE_NYC2_DRP 24202	29.48 1.77 0.00	30.47 2.05 0.00	27.16 1.49 0.00	27.32 1.42 0.00	28.08 1.46 0.00	30.52 1.84 0.00	39.63 2.35 0.00	45.60 3.02 0.00	38.88 2.78 0.00	34.17 2.47 0.00	33.75 2.59 0.00	32.19 2.44 0.00	33.25 2.63 0.00	34.72 2.66 0.00	36.13 2.86 0.00	42.49 3.43 -0.54	48.13 3.24 -6.72	55.46 3.61 -8.84	50.33 2.96 -13.32	45.66 2.28 -16.82	37.29 2.11 -9.09	26.25 1.94 0.01	24.23 1.90 0.00	29.01 1.94 -2.80
CE_NYC_DRP 24195	29.39 1.69 0.00	30.42 1.99 0.00	27.11 1.44 0.00	27.27 1.37 0.00	28.05 1.44 0.00	30.55 1.86 0.00	39.07 2.46 0.67	44.88 3.24 0.93	38.39 2.89 0.60	34.27 2.57 0.00	33.81 2.65 0.00	32.24 2.50 0.00	33.32 2.69 0.00	34.78 2.72 0.00	36.20 2.93 0.00	42.25 3.54 -0.18	47.16 3.43 -5.56	54.54 3.83 -7.70	49.37 3.13 -12.18	45.31 2.42 -16.33	37.05 2.22 -8.74	26.30 2.02 0.03	24.23 1.90 0.00	28.96 1.89 -2.80
CHAFFEE___LFGE 323603	26.68 -1.02 0.00	26.89 -1.54 0.00	24.78 -0.90 0.00	25.09 -0.80 0.00	25.76 -0.85 0.00	28.08 -0.60 0.00	36.01 -1.27 0.00	40.74 -1.83 0.00	34.26 -1.84 0.00	30.81 -0.89 0.00	30.50 -0.66 0.00	29.39 -0.36 0.00	29.95 -0.67 0.00	31.13 -0.93 0.00	31.91 -1.37 0.00	35.98 -2.62 -0.08	36.33 -2.75 -0.92	41.17 -3.05 -1.21	33.55 -2.32 -1.81	27.49 -1.81 -2.73	25.79 -1.77 -1.48	23.19 -2.19 -1.07	21.22 -1.90 -0.78	23.12 -1.60 -0.46
CHATEAUG_35_KV_LOAD 355732	28.23 0.53 0.00	29.25 0.82 0.00	26.29 0.62 0.00	26.75 0.85 0.00	27.63 1.01 0.00	29.86 1.18 0.00	38.62 1.34 0.00	43.00 0.43 0.00	36.42 0.32 0.00	32.37 0.67 0.00	31.57 0.41 0.00	30.01 0.27 0.00	30.96 0.34 0.00	32.41 0.35 0.00	33.50 0.23 0.00	38.38 -0.15 -0.01	37.43 -0.88 -0.14	41.56 -1.63 -0.18	32.22 -2.11 -0.27	25.39 -1.51 -0.35	24.79 -1.49 -0.19	22.95 -1.36 0.00	20.90 -1.43 0.00	22.58 -1.75 -0.06
CHATEAUG_WT_PWR 323614	28.26 0.55 0.00	29.28 0.85 0.00	26.32 0.64 0.00	26.75 0.85 0.00	27.62 1.01 0.00	29.86 1.18 0.00	38.51 1.23 0.00	43.09 0.51 0.00	36.39 0.29 0.00	32.33 0.63 0.00	31.69 0.53 0.00	30.01 0.27 0.00	30.96 0.34 0.00	32.41 0.35 0.00	33.47 0.20 0.00	38.34 -0.19 -0.01	37.35 -0.95 -0.13	41.47 -1.72 -0.18	32.17 -2.14 -0.27	25.36 -1.54 -0.34	24.75 -1.51 -0.18	23.13 -1.34 -0.16	21.02 -1.41 -0.10	22.70 -1.63 -0.06
CHAT_HIGH_FALL_HYD 323578	28.23 0.53 0.00	29.25 0.82 0.00	26.29 0.62 0.00	26.75 0.85 0.00	27.63 1.01 0.00	29.86 1.18 0.00	38.62 1.34 0.00	43.00 0.43 0.00	36.42 0.32 0.00	32.37 0.67 0.00	31.57 0.41 0.00	30.01 0.27 0.00	30.96 0.34 0.00	32.41 0.35 0.00	33.50 0.23 0.00	38.38 -0.15 -0.01	37.43 -0.88 -0.14	41.56 -1.63 -0.18	32.22 -2.11 -0.27	25.39 -1.51 -0.35	24.79 -1.49 -0.19	22.95 -1.36 0.00	20.90 -1.43 0.00	22.58 -1.75 -0.06
CHAUTAUQUA___LFGE 323629	26.73 -0.97 0.00	26.95 -1.48 0.00	24.88 -0.80 0.00	25.20 -0.70 0.00	25.87 -0.75 0.00	28.22 -0.46 0.00	36.23 -1.04 0.00	41.13 -1.45 0.00	34.55 -1.55 0.00	31.10 -0.60 0.00	30.82 -0.34 0.00	29.69 -0.06 0.00	30.22 -0.40 0.00	31.42 -0.64 0.00	32.17 -1.10 0.00	36.25 -2.35 -0.08	36.59 -2.48 -0.91	41.20 -3.01 -1.19	33.50 -2.35 -1.79	27.40 -1.89 -2.72	25.65 -1.90 -1.47	22.99 -2.38 -1.06	21.04 -2.08 -0.78	23.00 -1.72 -0.45
CHERRYST_13_KV_LD 356241	29.45 1.75 0.00	30.50 2.08 0.00	27.16 1.49 0.00	27.32 1.42 0.00	28.10 1.49 0.00	30.60 1.92 0.00	39.18 2.57 0.67	45.01 3.36 0.93	38.53 3.03 0.60	34.39 2.69 0.00	33.93 2.77 0.00	32.36 2.62 0.00	33.44 2.82 0.00	34.91 2.85 0.00	36.33 3.06 0.00	42.37 3.66 -0.18	47.31 3.59 -5.56	54.71 4.00 -7.70	49.47 3.24 -12.18	45.39 2.50 -16.33	37.10 2.27 -8.74	26.35 2.07 0.03	24.28 1.94 0.00	29.01 1.94 -2.80

CHESTROR_138KV_BK263 355645	28.95 1.25 0.00	29.82 1.39 0.00	26.75 1.08 0.00	26.93 1.04 0.00	27.70 1.09 0.00	30.15 1.46 0.00	39.22 1.94 0.00	45.09 2.51 0.00	38.26 2.17 0.00	33.57 1.87 0.00	33.06 1.90 0.00	31.50 1.76 0.00	32.55 1.93 0.00	34.01 1.96 0.00	35.43 2.16 0.00	41.70 2.66 -0.52	47.29 2.67 -6.45	54.51 3.01 -8.49	49.30 2.45 -12.79	44.60 1.89 -16.16	36.59 1.77 -8.73	25.86 1.56 0.01	23.81 1.47 0.00	28.37 1.41 -2.69
CH_MIDHUDSON___DRP 24192	29.00 1.30 0.00	29.90 1.48 0.00	26.81 1.13 0.00	26.98 1.09 0.00	27.76 1.14 0.00	30.20 1.52 0.00	39.29 2.01 0.00	45.17 2.60 0.00	38.37 2.27 0.00	33.60 1.90 0.00	33.09 1.93 0.00	31.53 1.78 0.00	32.58 1.96 0.00	34.04 1.99 0.00	35.50 2.23 0.00	41.81 2.74 -0.55	47.71 2.75 -6.80	55.01 3.05 -8.95	49.99 2.45 -13.48	45.47 1.89 -17.02	37.09 1.80 -9.20	25.86 1.56 0.01	23.81 1.47 0.00	28.53 1.43 -2.83
CH_MISC_IPPS 23765	29.14 1.44 0.00	30.04 1.62 0.00	26.93 1.26 0.00	27.11 1.22 0.00	27.92 1.30 0.00	30.38 1.69 0.00	39.55 2.27 0.00	45.43 2.85 0.00	38.66 2.56 0.00	33.82 2.12 0.00	33.31 2.15 0.00	31.71 1.96 0.00	32.80 2.17 0.00	34.30 2.24 0.00	35.73 2.46 0.00	42.11 3.04 -0.54	47.96 3.05 -6.74	55.24 3.36 -8.86	50.10 2.69 -13.36	45.50 2.07 -16.87	37.16 1.96 -9.12	33.91 1.75 -7.85	28.76 1.59 -4.84	28.63 1.55 -2.81
CH_RES_BVR_FALLS 23983	27.67 -0.03 0.00	28.54 0.11 0.00	25.70 0.03 0.00	26.03 0.13 0.00	26.83 0.21 0.00	28.94 0.26 0.00	37.57 0.30 0.00	42.62 0.04 0.00	36.03 -0.07 0.00	31.80 0.10 0.00	31.22 0.06 0.00	29.72 -0.03 0.00	30.62 0.00 0.00	32.09 0.03 0.00	33.24 -0.03 0.00	38.34 -0.19 -0.01	37.72 -0.53 -0.09	42.23 -0.91 -0.12	33.15 -1.09 -0.19	25.95 -0.85 -0.23	25.35 -0.86 -0.13	23.57 -0.85 -0.11	21.55 -0.85 -0.07	23.33 -0.97 -0.04
CH_RES_NIAGARA 23895	25.60 -2.11 0.00	25.84 -2.59 0.00	23.80 -1.87 0.00	24.08 -1.81 0.00	24.83 -1.78 0.00	26.85 -1.84 0.00	34.30 -2.98 0.00	38.57 -4.00 0.00	32.78 -3.32 0.00	29.39 -2.31 0.00	29.07 -2.09 0.00	27.99 -1.76 0.00	28.48 -2.14 0.00	29.81 -2.24 0.00	30.31 -2.96 0.00	34.39 -4.20 -0.07	34.90 -4.05 -0.78	39.44 -4.60 -1.03	32.40 -3.20 -1.55	26.69 -2.34 -2.47	25.28 -2.14 -1.33	21.86 -2.21 0.24	20.43 -1.90 0.00	22.93 -1.75 -0.41
CH_RES_SYRACUSE 23985	27.54 -0.17 0.00	28.20 -0.23 0.00	25.52 -0.15 0.00	25.74 -0.15 0.00	26.46 -0.16 0.00	28.45 -0.23 0.00	36.98 -0.30 0.00	42.23 -0.34 0.00	35.77 -0.33 0.00	31.54 -0.16 0.00	31.01 -0.16 0.00	29.66 -0.09 0.00	30.47 -0.15 0.00	31.87 -0.19 0.00	33.00 -0.27 0.00	38.12 -0.46 -0.06	38.49 -0.38 -0.71	43.60 -0.35 -0.94	35.23 -0.24 -1.41	28.13 -0.21 -1.78	26.84 -0.21 -0.96	24.97 -0.17 -0.83	22.69 -0.16 -0.51	24.44 -0.12 -0.30
CLINTON_WT_PWR 323605	28.26 0.55 0.00	29.28 0.85 0.00	26.32 0.64 0.00	26.75 0.85 0.00	27.62 1.01 0.00	29.86 1.18 0.00	38.51 1.23 0.00	43.09 0.51 0.00	36.39 0.29 0.00	32.33 0.63 0.00	31.69 0.53 0.00	30.01 0.27 0.00	30.96 0.34 0.00	32.41 0.35 0.00	33.47 0.20 0.00	38.34 -0.19 -0.01	37.35 -0.95 -0.13	41.47 -1.72 -0.18	32.17 -2.14 -0.27	25.36 -1.54 -0.34	24.75 -1.51 -0.18	23.13 -1.34 -0.16	21.02 -1.41 -0.10	22.70 -1.63 -0.06
CLINTON___LFGE 323618	28.67 0.97 0.00	29.71 1.28 0.00	26.70 1.03 0.00	27.16 1.27 0.00	28.08 1.46 0.00	30.38 1.69 0.00	39.18 1.90 0.00	43.72 1.15 0.00	36.89 0.79 0.00	32.84 1.14 0.00	32.19 1.03 0.00	30.43 0.68 0.00	31.42 0.79 0.00	32.89 0.83 0.00	34.00 0.73 0.00	38.88 0.35 -0.01	37.96 -0.34 -0.14	42.12 -1.07 -0.18	32.62 -1.70 -0.27	25.73 -1.17 -0.34	25.12 -1.15 -0.18	23.50 -0.97 -0.16	21.36 -1.07 -0.10	23.04 -1.29 -0.06
COBBLENY_34_KV_TB1 80064	26.68 -1.02 0.00	26.89 -1.53 0.00	24.78 -0.90 0.00	25.09 -0.80 0.00	25.87 -0.75 0.00	28.08 -0.60 0.00	36.09 -1.19 0.00	40.79 -1.79 0.00	34.51 -1.59 0.00	30.88 -0.82 0.00	30.54 -0.62 0.00	29.39 -0.36 0.00	29.95 -0.67 0.00	31.35 -0.71 0.00	31.91 -1.36 0.00	35.75 -2.85 -0.08	36.37 -2.71 -0.92	41.17 -3.05 -1.21	33.55 -2.32 -1.81	27.49 -1.81 -2.73	25.87 -1.70 -1.48	22.26 -1.85 0.21	20.68 -1.65 0.00	23.15 -1.58 -0.46
COFFEEN___115KV_TB3 355620	28.56 0.86 0.00	29.31 0.88 0.00	26.42 0.74 0.00	26.80 0.91 0.00	27.68 1.06 0.00	29.86 1.18 0.00	39.10 1.83 0.00	44.79 2.21 0.00	37.65 1.55 0.00	33.03 1.33 0.00	32.31 1.15 0.00	30.82 1.07 0.00	31.63 1.01 0.00	33.18 1.12 0.00	34.24 0.96 0.00	39.71 1.16 -0.03	39.47 0.92 -0.39	44.95 1.42 -0.51	35.67 0.85 -0.77	28.20 0.66 -0.97	27.19 0.57 -0.53	24.82 0.51 0.00	22.60 0.27 0.00	24.67 0.24 -0.16
COLDSPRG_115KV_BK1 355956	27.45 -0.25 0.00	27.60 -0.82 0.00	25.52 -0.15 0.00	25.87 -0.03 0.00	26.69 0.08 0.00	29.17 0.49 0.00	37.65 0.37 0.00	42.74 0.17 0.00	36.06 -0.04 0.00	32.21 0.51 0.00	31.85 0.69 0.00	30.64 0.89 0.00	31.20 0.58 0.00	32.67 0.61 0.00	33.20 -0.07 0.00	36.80 -1.81 -0.08	37.43 -1.72 -0.98	42.20 -2.11 -1.29	34.15 -1.84 -1.94	27.81 -1.62 -2.87	26.02 -1.62 -1.55	22.25 -1.87 0.19	20.59 -1.74 0.00	22.97 -1.77 -0.48
COLONIE_LFGE___ 323577	28.78 1.08 0.00	29.56 1.14 0.00	26.65 0.98 0.00	26.85 0.96 0.00	27.62 1.01 0.00	29.89 1.20 0.00	38.99 1.72 0.00	44.58 2.00 0.00	37.83 1.73 0.00	32.97 1.27 0.00	32.37 1.21 0.00	30.85 1.10 0.00	31.78 1.16 0.00	33.31 1.25 0.00	34.73 1.46 0.00	41.03 1.89 -0.62	47.74 1.87 -7.70	55.34 2.19 -10.14	51.00 1.67 -15.28	47.14 1.30 -19.28	37.83 1.33 -10.42	34.43 1.14 -8.98	28.92 1.05 -5.53	28.50 1.02 -3.21
COOPERNY_115KV_TB1 80082	28.78 1.08 0.00	29.65 1.22 0.00	26.63 0.95 0.00	26.83 0.93 0.00	27.57 0.96 0.00	29.97 1.29 0.00	38.96 1.68 0.00	44.32 1.75 0.00	37.62 1.52 0.00	33.06 1.36 0.00	32.53 1.37 0.00	31.03 1.28 0.00	32.00 1.38 0.00	33.47 1.41 0.00	34.77 1.50 0.00	40.77 1.81 -0.44	45.44 1.83 -5.44	52.28 2.11 -7.16	46.54 1.70 -10.79	41.52 1.33 -13.63	34.68 1.23 -7.37	25.40 1.09 0.01	23.36 1.03 0.00	27.53 0.99 -2.27
COPENHAGEN_WT_PWR 323753	28.28 0.58 0.00	29.02 0.60 0.00	26.19 0.51 0.00	26.54 0.65 0.00	27.39 0.77 0.00	29.54 0.86 0.00	38.62 1.34 0.00	44.23 1.66 0.00	37.22 1.12 0.00	32.68 0.98 0.00	32.03 0.87 0.00	30.52 0.77 0.00	31.35 0.73 0.00	32.86 0.80 0.00	33.94 0.67 0.00	39.33 0.77 -0.03	39.06 0.49 -0.40	44.40 0.86 -0.52	35.29 0.44 -0.79	27.88 0.32 -1.00	26.89 0.26 -0.54	25.00 0.22 -0.46	22.66 0.04 -0.29	24.48 0.05 -0.17
CORNELL_____ 23752	28.20 0.50 0.00	28.82 0.40 0.00	26.11 0.44 0.00	26.36 0.47 0.00	27.12 0.51 0.00	29.31 0.63 0.00	38.17 0.89 0.00	43.64 1.06 0.00	36.89 0.79 0.00	32.46 0.76 0.00	31.85 0.69 0.00	30.43 0.68 0.00	31.26 0.64 0.00	32.73 0.67 0.00	33.87 0.60 0.00	39.15 0.50 -0.12	40.33 0.65 -1.51	45.91 0.90 -1.99	37.83 0.78 -3.00	30.96 0.56 -3.84	28.66 0.50 -2.08	24.72 0.44 0.03	22.67 0.33 0.00	25.22 0.32 -0.64

CORONA__69_KV_TB1 355595	33.23 2.19 -3.34	30.88 2.44 -0.01	27.57 1.87 -0.02	27.87 1.84 -0.13	28.88 1.89 -0.38	31.08 2.38 -0.02	39.81 2.53 0.00	46.02 3.45 0.00	39.06 2.96 0.00	34.72 3.01 -0.01	37.10 2.99 -2.95	38.67 2.83 -6.10	36.33 3.03 -2.68	37.32 3.08 -2.19	36.83 3.33 -0.23	42.88 3.81 -0.54	48.75 3.85 -6.73	63.75 4.30 -16.44	54.23 3.47 -16.71	50.65 2.74 -21.35	38.69 2.63 -9.97	30.58 2.38 -3.88	28.65 2.26 -4.06	32.28 2.28 -5.73
CORTLAND__115KV_TB3 80093	28.01 0.30 0.00	28.62 0.20 0.00	25.93 0.26 0.00	26.18 0.28 0.00	26.93 0.32 0.00	29.06 0.37 0.00	37.84 0.56 0.00	43.21 0.64 0.00	36.57 0.47 0.00	32.21 0.51 0.00	31.63 0.47 0.00	30.22 0.48 0.00	31.05 0.43 0.00	32.51 0.45 0.00	33.64 0.37 0.00	38.89 0.27 -0.10	39.78 0.38 -1.24	45.16 0.52 -1.63	36.95 0.44 -2.45	30.00 0.32 -3.12	28.06 0.29 -1.69	24.54 0.24 0.01	22.51 0.18 0.00	24.96 0.17 -0.52
COXSACKIE__GT 23611	28.92 1.22 0.00	29.65 1.22 0.00	26.78 1.10 0.00	26.96 1.06 0.00	27.78 1.17 0.00	30.09 1.41 0.00	39.33 2.05 0.00	44.79 2.21 0.00	37.87 1.77 0.00	32.62 0.92 0.00	31.97 0.81 0.00	30.31 0.56 0.00	31.23 0.61 0.00	32.73 0.67 0.00	34.30 1.03 0.00	40.74 1.62 -0.59	47.37 1.83 -7.37	54.91 2.19 -9.70	50.44 1.77 -14.62	46.32 1.30 -18.45	37.36 1.30 -9.97	33.94 1.04 -8.59	28.61 0.98 -5.30	28.21 0.87 -3.07
CPV_VALLEY__CC1 323721	28.84 1.14 0.00	29.71 1.28 0.00	26.65 0.98 0.00	26.83 0.93 0.00	27.60 0.99 0.00	30.03 1.35 0.00	39.07 1.79 0.00	44.06 1.49 0.00	37.44 1.34 0.00	32.87 1.17 0.00	32.34 1.18 0.00	30.85 1.10 0.00	31.85 1.23 0.00	33.34 1.28 0.00	34.57 1.30 0.00	40.61 1.66 -0.43	45.16 1.64 -5.35	51.91 1.85 -7.04	46.17 1.50 -10.62	41.14 1.17 -13.41	34.41 1.07 -7.25	31.55 1.00 -6.24	27.08 0.89 -3.85	27.35 0.85 -2.23
CPV_VALLEY__CC2 323722	28.84 1.14 0.00	29.71 1.28 0.00	26.65 0.98 0.00	26.83 0.93 0.00	27.60 0.99 0.00	30.03 1.35 0.00	39.07 1.79 0.00	44.06 1.49 0.00	37.44 1.34 0.00	32.87 1.17 0.00	32.34 1.18 0.00	30.85 1.10 0.00	31.85 1.23 0.00	33.34 1.28 0.00	34.57 1.30 0.00	40.61 1.66 -0.43	45.16 1.64 -5.35	51.91 1.85 -7.04	46.17 1.50 -10.62	41.14 1.17 -13.41	34.41 1.07 -7.25	31.55 1.00 -6.24	27.08 0.89 -3.85	27.35 0.85 -2.23
CRESCENT__HYD 24018	28.78 1.08 0.00	29.56 1.14 0.00	26.65 0.98 0.00	26.85 0.96 0.00	27.62 1.01 0.00	29.89 1.20 0.00	38.99 1.72 0.00	44.58 2.00 0.00	37.83 1.73 0.00	32.97 1.27 0.00	32.37 1.21 0.00	30.85 1.10 0.00	31.78 1.16 0.00	33.31 1.25 0.00	34.73 1.46 0.00	41.03 1.89 -0.62	47.74 1.87 -7.70	55.34 2.19 -10.14	51.00 1.67 -15.28	47.14 1.30 -19.28	37.83 1.33 -10.42	34.43 1.14 -8.98	28.92 1.05 -5.53	28.50 1.02 -3.21
CRICKET__VALLEY_CC1 323756	28.81 1.11 0.00	29.67 1.25 0.00	26.63 0.95 0.00	26.80 0.91 0.00	27.57 0.96 0.00	29.98 1.29 0.00	39.07 1.79 0.00	44.83 2.25 0.00	38.16 2.06 0.00	33.32 1.62 0.00	32.72 1.56 0.00	31.20 1.46 0.00	32.21 1.59 0.00	33.75 1.70 0.00	35.17 1.90 0.00	41.51 2.43 -0.56	47.47 2.41 -6.90	54.81 2.71 -9.08	49.85 2.11 -13.69	45.49 1.65 -17.28	37.02 1.59 -9.34	33.79 1.43 -8.04	28.59 1.29 -4.96	28.41 1.26 -2.88
CRICKET__VALLEY_CC2 323757	28.81 1.11 0.00	29.67 1.25 0.00	26.63 0.95 0.00	26.80 0.91 0.00	27.57 0.96 0.00	29.98 1.29 0.00	39.07 1.79 0.00	44.83 2.25 0.00	38.16 2.06 0.00	33.32 1.62 0.00	32.72 1.56 0.00	31.20 1.46 0.00	32.21 1.59 0.00	33.75 1.70 0.00	35.17 1.90 0.00	41.51 2.43 -0.56	47.47 2.41 -6.90	54.81 2.71 -9.08	49.85 2.11 -13.69	45.49 1.65 -17.28	37.02 1.59 -9.34	33.79 1.43 -8.04	28.59 1.29 -4.96	28.41 1.26 -2.88
CRICKET__VALLEY_CC3 323758	28.81 1.11 0.00	29.67 1.25 0.00	26.63 0.95 0.00	26.80 0.91 0.00	27.57 0.96 0.00	29.98 1.29 0.00	39.07 1.79 0.00	44.83 2.25 0.00	38.16 2.06 0.00	33.32 1.62 0.00	32.72 1.56 0.00	31.20 1.46 0.00	32.21 1.59 0.00	33.75 1.70 0.00	35.17 1.90 0.00	41.51 2.43 -0.56	47.47 2.41 -6.90	54.81 2.71 -9.08	49.85 2.11 -13.69	45.49 1.65 -17.28	37.02 1.59 -9.34	33.79 1.43 -8.04	28.59 1.29 -4.96	28.41 1.26 -2.88
CRUCIBLE__METL_DRP 24180	27.56 -0.14 0.00	28.20 -0.23 0.00	25.52 -0.15 0.00	25.74 -0.16 0.00	26.48 -0.13 0.00	28.45 -0.23 0.00	36.98 -0.30 0.00	42.28 -0.30 0.00	35.81 -0.29 0.00	31.54 -0.16 0.00	31.00 -0.16 0.00	29.66 -0.09 0.00	30.47 -0.15 0.00	31.90 -0.16 0.00	33.00 -0.27 0.00	38.12 -0.46 -0.06	38.49 -0.38 -0.71	43.61 -0.34 -0.94	35.22 -0.24 -1.41	28.13 -0.21 -1.78	26.84 -0.21 -0.96	24.17 -0.15 0.00	22.20 -0.13 0.00	24.44 -0.12 -0.30
DAHOWA__HYDRO 323763	29.39 1.69 0.00	30.19 1.76 0.00	27.16 1.49 0.00	27.40 1.50 0.00	28.18 1.57 0.00	30.55 1.86 0.00	39.85 2.57 0.00	45.51 2.94 0.00	38.59 2.49 0.00	33.60 1.90 0.00	33.06 1.90 0.00	31.41 1.66 0.00	32.30 1.68 0.00	33.85 1.79 0.00	35.27 2.00 0.00	41.69 2.54 -0.63	48.48 2.52 -7.79	56.36 3.10 -10.25	51.92 2.42 -15.45	47.92 1.86 -19.50	38.45 1.83 -10.54	34.97 1.58 -9.08	29.34 1.41 -5.60	28.87 1.36 -3.25
DANC__LFGE 323619	27.95 0.25 0.00	28.65 0.23 0.00	25.88 0.20 0.00	26.18 0.29 0.00	26.99 0.37 0.00	29.08 0.40 0.00	37.91 0.63 0.00	43.38 0.81 0.00	36.57 0.47 0.00	32.18 0.48 0.00	31.56 0.40 0.00	30.10 0.36 0.00	30.93 0.31 0.00	32.38 0.32 0.00	33.47 0.20 0.00	38.79 0.23 -0.04	38.66 0.04 -0.46	43.83 0.22 -0.60	34.99 0.03 -0.91	27.73 0.03 -1.14	26.73 0.03 -0.62	24.87 0.02 -0.53	22.57 -0.09 -0.33	24.39 -0.07 -0.19
DANSKAMMER__1 23586	29.14 1.44 0.00	30.04 1.62 0.00	26.93 1.26 0.00	27.11 1.22 0.00	27.92 1.30 0.00	30.38 1.69 0.00	39.55 2.27 0.00	45.43 2.85 0.00	38.66 2.56 0.00	33.82 2.12 0.00	33.31 2.15 0.00	31.71 1.96 0.00	32.80 2.17 0.00	34.30 2.24 0.00	35.73 2.46 0.00	42.11 3.04 -0.54	47.96 3.05 -6.74	55.24 3.36 -8.86	50.10 2.69 -13.36	45.50 2.07 -16.87	37.16 1.96 -9.12	33.91 1.75 -7.85	28.76 1.59 -4.84	28.63 1.55 -2.81
DANSKAMMER__2 23589	29.14 1.44 0.00	30.04 1.62 0.00	26.93 1.26 0.00	27.11 1.22 0.00	27.92 1.30 0.00	30.38 1.69 0.00	39.55 2.27 0.00	45.43 2.85 0.00	38.66 2.56 0.00	33.82 2.12 0.00	33.31 2.15 0.00	31.71 1.96 0.00	32.80 2.17 0.00	34.30 2.24 0.00	35.73 2.46 0.00	42.11 3.04 -0.54	47.96 3.05 -6.74	55.24 3.36 -8.86	50.10 2.69 -13.36	45.50 2.07 -16.87	37.16 1.96 -9.12	33.91 1.75 -7.85	28.76 1.59 -4.84	28.63 1.55 -2.81
DANSKAMMER__3 23590	29.14 1.44 0.00	30.04 1.62 0.00	26.93 1.26 0.00	27.11 1.22 0.00	27.92 1.30 0.00	30.38 1.69 0.00	39.55 2.27 0.00	45.43 2.85 0.00	38.66 2.56 0.00	33.82 2.12 0.00	33.31 2.15 0.00	31.71 1.96 0.00	32.80 2.17 0.00	34.30 2.24 0.00	35.73 2.46 0.00	42.11 3.04 -0.54	47.96 3.05 -6.74	55.24 3.36 -8.86	50.10 2.69 -13.36	45.50 2.07 -16.87	37.16 1.96 -9.12	33.91 1.75 -7.85	28.76 1.59 -4.84	28.63 1.55 -2.81

DANSKAMMER___4 23591	29.14 1.44 0.00	30.04 1.62 0.00	26.93 1.26 0.00	27.11 1.22 0.00	27.92 1.30 0.00	30.38 1.69 0.00	39.55 2.27 0.00	45.43 2.85 0.00	38.66 2.56 0.00	33.82 2.12 0.00	33.31 2.15 0.00	31.71 1.96 0.00	32.80 2.17 0.00	34.30 2.24 0.00	35.73 2.46 0.00	42.11 3.04 -0.54	47.96 3.05 -6.74	55.24 3.36 -8.86	50.10 2.69 -13.36	45.50 2.07 -16.87	37.16 1.96 -9.12	33.91 1.75 -7.85	28.76 1.59 -4.84	28.63 1.55 -2.81
DANSKAMMER___DIESEL 23592	29.14 1.44 0.00	30.05 1.62 0.00	26.93 1.26 0.00	27.11 1.22 0.00	27.89 1.28 0.00	30.38 1.69 0.00	39.51 2.24 0.00	45.43 2.85 0.00	38.63 2.53 0.00	33.79 2.09 0.00	33.31 2.15 0.00	31.71 1.96 0.00	32.79 2.17 0.00	34.24 2.18 0.00	35.73 2.46 0.00	42.07 3.00 -0.54	47.96 3.05 -6.74	55.23 3.36 -8.86	50.10 2.69 -13.36	45.50 2.07 -16.87	37.16 1.96 -9.12	26.01 1.70 0.01	23.96 1.63 0.00	28.65 1.58 -2.81
DARBY___SOLAR 323810	29.25 1.55 0.00	30.04 1.62 0.00	27.06 1.39 0.00	27.27 1.37 0.00	28.05 1.44 0.00	30.40 1.72 0.00	39.63 2.35 0.00	45.30 2.73 0.00	38.41 2.31 0.00	33.47 1.77 0.00	32.90 1.74 0.00	31.29 1.55 0.00	32.21 1.59 0.00	33.72 1.67 0.00	35.13 1.86 0.00	41.54 2.39 -0.63	48.31 2.37 -7.78	56.13 2.88 -10.23	51.73 2.25 -15.43	47.75 1.73 -19.46	38.30 1.69 -10.52	34.83 1.46 -9.06	29.24 1.32 -5.59	28.77 1.26 -3.24
DASHVILLE___HYD 23610	28.64 0.94 0.00	29.51 1.08 0.00	26.47 0.80 0.00	26.65 0.75 0.00	27.39 0.77 0.00	29.74 1.06 0.00	38.69 1.42 0.00	44.45 1.87 0.00	37.76 1.66 0.00	33.03 1.33 0.00	32.53 1.37 0.00	31.00 1.25 0.00	32.03 1.41 0.00	33.47 1.41 0.00	34.90 1.63 0.00	41.16 2.08 -0.55	47.14 2.10 -6.88	54.30 2.24 -9.05	49.53 1.84 -13.64	45.19 1.41 -17.22	36.72 1.33 -9.30	25.45 1.14 0.01	23.47 1.14 0.00	28.25 1.12 -2.87
DEERFIELD_69_KV_DEERFIELD LD 355887	34.40 2.83 -3.87	31.74 3.30 -0.01	28.40 2.70 -0.02	28.72 2.67 -0.16	29.82 2.77 -0.44	31.95 3.24 -0.02	40.60 3.32 0.00	47.21 4.64 0.00	39.60 3.50 0.00	35.46 3.74 -0.02	37.05 3.86 -2.02	37.59 3.66 -4.18	36.23 3.77 -1.84	37.47 3.91 -1.50	37.89 4.46 -0.16	43.80 4.74 -0.54	50.27 5.38 -6.72	62.87 5.81 -14.05	54.40 4.70 -15.64	50.32 3.82 -19.93	39.40 3.60 -9.71	30.33 3.26 -2.76	29.89 2.86 -4.70	33.27 2.82 -6.19
DELAWARE___LFGE 323621	28.59 0.89 0.00	29.34 0.91 0.00	26.50 0.82 0.00	26.75 0.85 0.00	27.47 0.85 0.00	29.74 1.06 0.00	38.73 1.45 0.00	44.19 1.62 0.00	37.51 1.41 0.00	32.94 1.24 0.00	32.38 1.22 0.00	30.91 1.16 0.00	31.82 1.19 0.00	33.31 1.25 0.00	34.54 1.26 0.00	40.27 1.50 -0.24	42.63 1.49 -2.97	48.69 1.76 -3.91	41.34 1.40 -5.89	35.12 1.09 -7.47	31.12 0.99 -4.04	25.17 0.88 0.02	23.11 0.78 0.00	26.29 0.78 -1.24
DERFIELD_115KV_TB7 355931	27.81 0.11 0.00	28.57 0.14 0.00	25.78 0.10 0.00	26.00 0.10 0.00	26.72 0.11 0.00	28.83 0.14 0.00	37.46 0.19 0.00	42.79 0.21 0.00	36.28 0.18 0.00	31.86 0.16 0.00	31.29 0.12 0.00	29.86 0.12 0.00	30.77 0.15 0.00	32.22 0.16 0.00	33.44 0.17 0.00	38.72 0.19 -0.01	38.41 0.15 -0.10	43.31 0.17 -0.13	34.35 0.10 -0.19	26.88 0.08 -0.24	26.30 0.08 -0.13	24.36 0.05 0.00	22.38 0.04 0.00	24.36 0.05 -0.04
DOGLEVILLE___HYD 23807	28.34 0.64 0.00	29.08 0.65 0.00	26.22 0.54 0.00	26.46 0.57 0.00	27.20 0.58 0.00	29.34 0.66 0.00	38.14 0.86 0.00	43.55 0.98 0.00	36.93 0.83 0.00	32.43 0.73 0.00	31.91 0.75 0.00	30.49 0.74 0.00	31.42 0.79 0.00	32.86 0.80 0.00	34.04 0.77 0.00	39.34 0.81 -0.01	38.84 0.57 -0.10	43.70 0.56 -0.13	34.38 0.14 -0.19	26.88 0.08 -0.24	26.22 0.00 -0.13	24.40 -0.02 -0.11	22.45 0.04 -0.07	24.33 0.02 -0.04
DUNKIRK___115KV_TB_200 55889	26.71 -1.00 0.00	26.92 -1.51 0.00	24.83 -0.85 0.00	25.14 -0.75 0.00	25.95 -0.67 0.00	28.17 -0.52 0.00	36.23 -1.04 0.00	41.00 -1.58 0.00	34.76 -1.34 0.00	31.07 -0.63 0.00	30.76 -0.41 0.00	29.60 -0.15 0.00	30.13 -0.49 0.00	31.58 -0.48 0.00	32.07 -1.20 0.00	36.02 -2.58 -0.08	36.51 -2.56 -0.91	41.15 -3.05 -1.19	33.49 -2.35 -1.79	27.42 -1.86 -2.71	25.78 -1.77 -1.47	22.13 -1.97 0.21	20.57 -1.76 0.00	23.07 -1.65 -0.45
DUNKIRK___1 23563	26.71 -1.00 0.00	26.92 -1.51 0.00	24.83 -0.85 0.00	25.14 -0.75 0.00	25.95 -0.67 0.00	28.17 -0.52 0.00	36.23 -1.04 0.00	41.00 -1.58 0.00	34.76 -1.34 0.00	31.07 -0.63 0.00	30.76 -0.41 0.00	29.60 -0.15 0.00	30.13 -0.49 0.00	31.58 -0.48 0.00	32.07 -1.20 0.00	36.02 -2.58 -0.08	36.51 -2.56 -0.91	41.15 -3.05 -1.19	33.49 -2.35 -1.79	27.42 -1.86 -2.71	25.78 -1.77 -1.47	22.13 -1.97 0.21	20.57 -1.76 0.00	23.07 -1.65 -0.45
DUNKIRK___2 23564	26.71 -1.00 0.00	26.92 -1.51 0.00	24.83 -0.85 0.00	25.14 -0.75 0.00	25.95 -0.67 0.00	28.17 -0.52 0.00	36.23 -1.04 0.00	41.00 -1.58 0.00	34.76 -1.34 0.00	31.07 -0.63 0.00	30.76 -0.41 0.00	29.60 -0.15 0.00	30.13 -0.49 0.00	31.58 -0.48 0.00	32.07 -1.20 0.00	36.02 -2.58 -0.08	36.51 -2.56 -0.91	41.15 -3.05 -1.19	33.49 -2.35 -1.79	27.42 -1.86 -2.71	25.78 -1.77 -1.47	22.13 -1.97 0.21	20.57 -1.76 0.00	23.07 -1.65 -0.45
DUNKIRK___3 23565	26.68 -1.02 0.00	26.86 -1.56 0.00	24.80 -0.87 0.00	25.12 -0.78 0.00	25.90 -0.72 0.00	28.11 -0.57 0.00	36.16 -1.12 0.00	40.87 -1.70 0.00	34.65 -1.44 0.00	30.97 -0.73 0.00	30.63 -0.53 0.00	29.48 -0.27 0.00	30.04 -0.58 0.00	31.45 -0.61 0.00	31.97 -1.30 0.00	35.90 -2.70 -0.08	36.42 -2.63 -0.89	41.08 -3.10 -1.17	33.46 -2.35 -1.76	27.38 -1.86 -2.68	25.76 -1.77 -1.45	22.15 -1.94 0.21	20.59 -1.74 0.00	23.06 -1.65 -0.45
DUNKIRK___4 23566	26.68 -1.02 0.00	26.86 -1.56 0.00	24.80 -0.87 0.00	25.12 -0.78 0.00	25.90 -0.72 0.00	28.11 -0.57 0.00	36.16 -1.12 0.00	40.87 -1.70 0.00	34.65 -1.44 0.00	30.97 -0.73 0.00	30.63 -0.53 0.00	29.48 -0.27 0.00	30.04 -0.58 0.00	31.45 -0.61 0.00	31.97 -1.30 0.00	35.90 -2.70 -0.08	36.42 -2.63 -0.89	41.08 -3.10 -1.17	33.46 -2.35 -1.76	27.38 -1.86 -2.68	25.76 -1.77 -1.45	22.15 -1.94 0.21	20.59 -1.74 0.00	23.06 -1.65 -0.45
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	29.23 1.52 0.00	30.19 1.76 0.00	26.96 1.28 0.00	27.14 1.24 0.00	27.92 1.30 0.00	30.40 1.72 0.00	39.55 2.27 0.00	45.55 2.98 0.00	38.73 2.64 0.00	34.01 2.31 0.00	33.53 2.37 0.00	31.98 2.23 0.00	33.04 2.42 0.00	34.49 2.44 0.00	35.93 2.66 0.00	42.26 3.20 -0.54	48.09 3.21 -6.72	55.42 3.57 -8.83	50.27 2.89 -13.32	45.64 2.26 -16.81	37.26 2.09 -9.09	26.18 1.87 0.01	24.10 1.76 0.00	28.79 1.72 -2.80
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	29.03 1.33 0.00	29.90 1.48 0.00	26.83 1.16 0.00	27.01 1.11 0.00	27.76 1.14 0.00	30.23 1.55 0.00	39.33 2.05 0.00	45.30 2.72 0.00	38.48 2.38 0.00	33.70 2.00 0.00	33.22 2.06 0.00	31.62 1.87 0.00	32.70 2.08 0.00	34.14 2.08 0.00	35.60 2.33 0.00	41.91 2.85 -0.54	47.71 2.90 -6.64	54.98 3.23 -8.74	49.84 2.62 -13.17	45.21 2.02 -16.63	36.98 1.90 -8.99	25.96 1.65 0.01	23.90 1.56 0.00	28.57 1.53 -2.77

E179THST_138_KV_TB4_REV_LBMP_J 345001	29.53 1.83 0.00	30.47 2.05 0.00	27.22 1.54 0.00	27.37 1.48 0.00	28.13 1.52 0.00	30.43 1.75 0.00	39.44 2.16 0.00	45.34 2.77 0.00	38.70 2.60 0.00	34.01 2.31 0.00	33.59 2.43 0.00	32.04 2.29 0.00	33.07 2.45 0.00	34.53 2.47 0.00	35.93 2.66 0.00	42.26 3.20 -0.54	47.93 3.05 -6.72	55.21 3.36 -8.84	50.13 2.76 -13.32	45.50 2.12 -16.82	37.13 1.96 -9.09	26.13 1.82 0.01	24.21 1.88 0.00	29.13 2.06 -2.80
E179THST_13_KV_LOAD 356214	29.64 1.94 0.00	30.61 2.19 0.00	27.32 1.64 0.00	27.45 1.55 0.00	28.21 1.60 0.00	30.55 1.86 0.00	39.59 2.31 0.00	45.51 2.94 0.00	38.84 2.74 0.00	34.14 2.44 0.00	33.72 2.56 0.00	32.16 2.41 0.00	33.22 2.60 0.00	34.69 2.63 0.00	36.10 2.83 0.00	42.46 3.39 -0.54	48.13 3.24 -6.72	55.42 3.57 -8.84	50.30 2.93 -13.32	45.64 2.26 -16.82	37.26 2.09 -9.09	26.23 1.92 0.01	24.30 1.97 0.00	29.23 2.16 -2.80
EAST HAMPTON___GT 23717	34.67 3.10 -3.87	31.82 3.38 -0.01	28.65 2.95 -0.02	28.95 2.90 -0.16	30.09 3.03 -0.44	32.23 3.53 -0.02	41.27 3.99 0.00	47.68 5.11 0.00	40.18 4.08 0.00	35.81 4.09 -0.02	37.39 4.20 -2.02	37.94 4.01 -4.18	36.59 4.13 -1.84	37.92 4.36 -1.50	37.99 4.56 -0.16	44.26 5.20 -0.54	50.73 5.84 -6.72	63.43 6.37 -14.05	54.84 5.14 -15.64	50.63 4.14 -19.93	39.69 3.89 -9.71	38.45 3.55 -10.59	34.87 3.01 -9.53	33.49 3.03 -6.19
EAST RIVER___6 23660	29.45 1.75 0.00	30.51 2.07 -0.01	27.14 1.46 0.00	27.29 1.40 0.00	28.10 1.49 0.00	30.58 1.89 0.00	39.18 2.57 0.67	45.01 3.36 0.93	38.61 3.10 0.60	34.43 2.73 0.00	33.93 2.77 0.00	32.39 2.65 0.00	33.47 2.85 0.00	35.00 2.95 0.00	36.33 3.06 0.00	42.44 3.74 -0.18	47.31 3.59 -5.56	54.67 3.95 -7.70	49.47 3.24 -12.18	45.39 2.50 -16.33	37.07 2.24 -8.74	34.25 2.14 -7.80	29.06 1.90 -4.83	28.98 1.92 -2.80
EAST RIVER___7 23524	29.45 1.75 0.00	30.51 2.07 -0.01	27.14 1.46 0.00	27.29 1.40 0.00	28.10 1.49 0.00	30.58 1.89 0.00	39.18 2.57 0.67	45.01 3.36 0.93	38.61 3.10 0.60	34.43 2.73 0.00	33.93 2.77 0.00	32.39 2.65 0.00	33.47 2.85 0.00	35.00 2.95 0.00	36.33 3.06 0.00	42.44 3.74 -0.18	47.31 3.59 -5.56	54.67 3.95 -7.70	49.47 3.24 -12.18	45.39 2.50 -16.33	37.07 2.24 -8.74	34.25 2.14 -7.80	29.06 1.90 -4.83	28.98 1.92 -2.80
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	29.17 1.47 0.00	30.13 1.71 0.00	26.93 1.26 0.00	27.11 1.22 0.00	27.89 1.28 0.00	30.38 1.69 0.00	39.51 2.24 0.00	45.47 2.90 0.00	38.66 2.56 0.00	33.95 2.25 0.00	33.47 2.31 0.00	31.92 2.17 0.00	32.98 2.36 0.00	34.43 2.60 0.00	35.87 2.60 0.00	42.18 3.12 -0.54	48.00 3.13 -6.71	55.33 3.48 -8.83	50.18 2.83 -13.30	45.54 2.18 -16.80	37.20 2.03 -9.08	26.13 1.82 0.01	24.03 1.70 0.00	28.74 1.67 -2.80
EAST_HAMPTON___DIESEL 23722	34.67 3.10 -3.87	31.82 3.38 -0.01	28.65 2.95 -0.02	28.95 2.90 -0.16	30.09 3.03 -0.44	32.23 3.53 -0.02	41.27 3.99 0.00	47.68 5.11 0.00	40.18 4.08 0.00	35.81 4.09 -0.02	37.42 4.24 -2.02	37.94 4.01 -4.18	36.59 4.13 -1.84	37.92 4.36 -1.50	37.99 4.56 -0.16	44.26 5.20 -0.54	50.73 5.84 -6.72	63.43 6.37 -14.05	54.84 5.14 -15.64	50.63 4.14 -19.93	39.69 3.89 -9.71	38.45 3.55 -10.59	34.87 3.01 -9.53	33.49 3.03 -6.19
EAST_POINT___SOLAR 323840	29.64 1.94 0.00	30.41 1.99 0.00	27.40 1.72 0.00	27.63 1.74 0.00	28.48 1.86 0.00	30.98 2.30 0.00	40.48 3.21 0.00	46.24 3.66 0.00	38.81 2.71 0.00	33.76 2.06 0.00	32.84 1.68 0.00	30.73 0.98 0.00	31.51 0.89 0.00	33.37 1.31 0.00	34.80 1.53 0.00	41.86 2.66 -0.68	49.61 2.98 -8.47	57.81 3.65 -11.14	53.78 2.93 -16.79	50.02 2.26 -21.20	39.66 2.11 -11.46	35.95 1.77 -9.87	29.98 1.56 -6.09	29.28 1.48 -3.53
EAST_PULASKI___ESR 323781	27.59 -0.11 0.00	28.26 -0.17 0.00	25.55 -0.13 0.00	25.82 -0.08 0.00	26.56 -0.05 0.00	28.60 -0.09 0.00	37.17 -0.11 0.00	42.53 -0.04 0.00	35.92 -0.18 0.00	31.64 -0.06 0.00	31.07 -0.09 0.00	29.69 -0.06 0.00	30.50 -0.12 0.00	31.90 -0.16 0.00	33.04 -0.23 0.00	38.22 -0.35 -0.04	38.27 -0.42 -0.52	43.35 -0.35 -0.68	34.77 -0.31 -1.03	27.62 -0.24 -1.30	26.55 -0.24 -0.70	24.75 -0.17 -0.60	22.50 -0.20 -0.37	24.29 -0.19 -0.22
EAST_RIVER___1 323558	29.39 1.69 0.00	30.42 1.99 -0.01	27.11 1.44 0.00	27.27 1.37 0.00	28.08 1.46 0.00	30.55 1.86 0.00	39.11 2.50 0.67	44.88 3.23 0.93	38.46 2.96 0.60	34.30 2.60 0.00	33.81 2.65 0.00	32.24 2.50 0.00	33.32 2.70 0.00	34.88 2.82 0.00	36.20 2.93 0.00	42.25 3.54 -0.18	47.16 3.44 -5.56	54.54 3.83 -7.70	49.36 3.13 -12.18	45.28 2.39 -16.33	37.04 2.22 -8.74	34.17 2.07 -7.80	29.01 1.85 -4.83	28.94 1.87 -2.80
EAST_RIVER___2 323559	29.45 1.75 0.00	30.51 2.07 -0.01	27.14 1.46 0.00	27.29 1.40 0.00	28.10 1.49 0.00	30.58 1.89 0.00	39.18 2.57 0.67	45.01 3.36 0.93	38.61 3.10 0.60	34.43 2.73 0.00	33.93 2.77 0.00	32.39 2.65 0.00	33.47 2.85 0.00	35.00 2.95 0.00	36.33 3.06 0.00	42.44 3.74 -0.18	47.31 3.59 -5.56	54.67 3.95 -7.70	49.47 3.24 -12.18	45.39 2.50 -16.33	37.07 2.24 -8.74	34.25 2.14 -7.80	29.06 1.90 -4.83	28.98 1.92 -2.80
EAST___DELAWARE_HYD 23607	29.22 1.52 0.00	30.07 1.65 0.00	27.01 1.33 0.00	27.19 1.29 0.00	27.97 1.36 0.00	30.46 1.78 0.00	39.67 2.39 0.00	45.34 2.77 0.00	38.55 2.46 0.00	33.70 2.00 0.00	33.13 1.96 0.00	31.56 1.81 0.00	32.61 1.99 0.00	34.14 2.08 0.00	35.53 2.26 0.00	41.84 2.81 -0.51	47.32 2.86 -6.29	54.47 3.18 -8.27	49.11 2.59 -12.47	44.30 1.99 -15.75	36.45 1.85 -8.51	33.31 1.68 -7.33	28.35 1.50 -4.52	28.37 1.48 -2.62
EIGHT_POINT___WT_PWR 323820	27.51 -0.19 0.00	27.88 -0.54 0.00	25.55 -0.13 0.00	25.84 -0.05 0.00	26.59 -0.03 0.00	29.03 0.35 0.00	37.57 0.30 0.00	42.70 0.13 0.00	35.92 -0.18 0.00	32.02 0.32 0.00	31.54 0.38 0.00	30.28 0.54 0.00	30.90 0.27 0.00	32.19 0.13 0.00	33.07 -0.20 0.00	37.59 -1.04 -0.11	38.39 -1.07 -1.29	43.50 -1.20 -1.69	35.65 -0.95 -2.55	29.08 -0.93 -3.44	26.75 -1.20 -1.86	24.26 -1.56 -1.50	21.67 -1.65 -0.99	23.24 -1.60 -0.57
ELBRIDGE_115KV_TB2 80188	27.43 -0.28 0.00	28.06 -0.37 0.00	25.42 -0.26 0.00	25.64 -0.26 0.00	26.35 -0.27 0.00	28.34 -0.34 0.00	36.79 -0.48 0.00	42.06 -0.51 0.00	35.63 -0.47 0.00	31.38 -0.32 0.00	30.85 -0.31 0.00	29.48 -0.27 0.00	30.28 -0.34 0.00	31.70 -0.35 0.00	32.84 -0.43 0.00	37.93 -0.65 -0.06	38.34 -0.57 -0.75	43.40 -0.60 -0.99	35.13 -0.41 -1.49	28.12 -0.32 -1.88	26.79 -0.31 -1.01	24.04 -0.27 0.00	22.09 -0.25 0.00	24.36 -0.22 -0.31
ELEC_TRO_TEK 24086	33.02 2.02 -3.29	30.77 2.33 -0.01	27.46 1.77 -0.02	27.74 1.71 -0.13	28.77 1.78 -0.37	30.96 2.27 -0.02	39.66 2.39 0.00	45.85 3.28 0.00	38.91 2.82 0.00	34.60 2.88 -0.01	36.93 2.87 -2.90	38.42 2.68 -5.99	36.16 2.91 -2.63	37.13 2.92 -2.15	36.69 3.19 -0.23	42.72 3.66 -0.54	48.60 3.70 -6.73	63.45 4.13 -16.31	54.04 3.34 -16.65	50.44 2.60 -21.28	38.55 2.50 -9.96	30.40 2.26 -3.83	28.46 2.12 -4.00	32.09 2.14 -5.69

ELLENBURG_WT_PWR 323604	28.26 0.55 0.00	29.28 0.85 0.00	26.32 0.64 0.00	26.75 0.85 0.00	27.62 1.01 0.00	29.86 1.18 0.00	38.51 1.23 0.00	43.09 0.51 0.00	36.39 0.29 0.00	32.33 0.63 0.00	31.69 0.53 0.00	30.01 0.27 0.00	30.96 0.34 0.00	32.41 0.35 0.00	33.47 0.20 0.00	38.34 -0.19 -0.01	37.35 -0.95 -0.13	41.47 -1.72 -0.18	32.17 -2.14 -0.27	25.36 -1.54 -0.34	24.75 -1.51 -0.18	23.13 -1.34 -0.16	21.02 -1.41 -0.10	22.70 -1.63 -0.06
ELM_ST_23_KV_LD_REV_LBMP_A 345012	26.37 -1.33 0.00	26.61 -1.82 0.00	24.49 -1.18 0.00	24.81 -1.09 0.00	25.58 -1.04 0.00	27.74 -0.95 0.00	35.56 -1.71 0.00	40.15 -2.43 0.00	34.04 -2.06 0.00	30.46 -1.24 0.00	30.13 -1.03 0.00	29.00 -0.74 0.00	29.52 -1.10 0.00	30.93 -1.12 0.00	31.44 -1.83 0.00	35.44 -3.16 -0.07	35.96 -3.05 -0.85	40.69 -3.44 -1.11	33.24 -2.49 -1.68	27.28 -1.89 -2.60	25.72 -1.77 -1.41	22.19 -1.90 0.22	20.66 -1.67 0.00	23.15 -1.55 -0.43
EMPIRE_CC_1 323656	28.40 0.69 0.00	29.16 0.74 0.00	26.29 0.62 0.00	26.49 0.60 0.00	27.23 0.61 0.00	29.43 0.74 0.00	38.28 1.01 0.00	43.76 1.19 0.00	37.22 1.12 0.00	32.46 0.76 0.00	31.82 0.66 0.00	30.37 0.63 0.00	31.29 0.67 0.00	32.83 0.77 0.00	34.24 0.97 0.00	40.35 1.23 -0.60	46.82 1.22 -7.43	54.21 1.42 -9.77	49.84 1.06 -14.73	45.97 0.82 -18.59	36.99 0.86 -10.05	33.74 0.78 -8.66	28.45 0.78 -5.34	28.09 0.73 -3.10
EMPIRE_CC_2 323658	28.40 0.69 0.00	29.16 0.74 0.00	26.29 0.62 0.00	26.49 0.60 0.00	27.23 0.61 0.00	29.43 0.74 0.00	38.28 1.01 0.00	43.76 1.19 0.00	37.22 1.12 0.00	32.46 0.76 0.00	31.82 0.66 0.00	30.37 0.63 0.00	31.29 0.67 0.00	32.83 0.77 0.00	34.24 0.97 0.00	40.35 1.23 -0.60	46.82 1.22 -7.43	54.21 1.42 -9.77	49.84 1.06 -14.73	45.97 0.82 -18.59	36.99 0.86 -10.05	33.74 0.78 -8.66	28.45 0.78 -5.34	28.09 0.73 -3.10
ENORWICH_115KV_TB1 80156	29.70 1.99 0.00	30.39 1.96 0.00	27.45 1.77 0.00	27.84 1.94 0.00	28.74 2.13 0.00	31.12 2.44 0.00	40.78 3.50 0.00	46.75 4.17 0.00	39.38 3.28 0.00	34.49 2.79 0.00	33.78 2.62 0.00	32.33 2.59 0.00	33.16 2.54 0.00	34.81 2.76 0.00	35.83 2.56 0.00	41.62 2.93 -0.17	43.37 3.09 -2.11	49.84 4.04 -2.78	41.17 2.93 -4.19	34.11 2.20 -5.34	31.01 2.03 -2.89	26.09 1.80 0.03	23.78 1.45 0.00	26.66 1.50 -0.89
ERIE_ST__34_KV_TB1-2 80199	26.98 -0.72 0.00	27.17 -1.25 0.00	25.06 -0.62 0.00	25.38 -0.52 0.00	26.16 -0.45 0.00	28.48 -0.20 0.00	36.64 -0.63 0.00	41.34 -1.23 0.00	34.94 -1.16 0.00	31.22 -0.48 0.00	30.88 -0.28 0.00	29.75 0.00 0.00	30.31 -0.31 0.00	31.74 -0.32 0.00	32.31 -0.96 0.00	35.83 -2.77 -0.08	36.39 -2.67 -0.89	41.22 -2.97 -1.17	33.40 -2.42 -1.76	27.30 -1.94 -2.68	25.66 -1.88 -1.45	22.11 -1.99 0.21	20.52 -1.81 0.00	22.92 -1.80 -0.45
ERIE_WT_PWR 323693	26.62 -1.08 0.00	26.83 -1.59 0.00	24.73 -0.95 0.00	25.04 -0.85 0.00	25.68 -0.93 0.00	28.02 -0.66 0.00	35.86 -1.42 0.00	40.57 -2.00 0.00	34.11 -1.99 0.00	30.72 -0.98 0.00	30.41 -0.75 0.00	29.30 -0.45 0.00	29.82 -0.80 0.00	31.00 -1.06 0.00	31.81 -1.46 0.00	35.87 -2.73 -0.08	36.22 -2.82 -0.88	40.99 -3.18 -1.15	33.40 -2.38 -1.74	27.38 -1.83 -2.65	25.69 -1.83 -1.43	23.10 -2.24 -1.02	21.17 -1.92 -0.76	23.11 -1.60 -0.44
ESPRGFLD_115KV_TB1 80157	28.98 1.27 0.00	29.73 1.31 0.00	26.83 1.16 0.00	27.09 1.19 0.00	27.89 1.28 0.00	30.26 1.58 0.00	39.51 2.24 0.00	45.13 2.55 0.00	38.12 2.02 0.00	33.44 1.74 0.00	32.78 1.62 0.00	31.14 1.40 0.00	32.03 1.41 0.00	33.60 1.54 0.00	34.80 1.53 0.00	40.56 2.00 -0.04	40.71 2.10 -0.45	46.18 2.58 -0.59	36.95 2.01 -0.89	29.24 1.54 -1.14	28.11 1.41 -0.62	25.49 1.19 0.01	23.38 1.05 0.00	25.48 1.02 -0.19
ETNA_115_KV_TB1_REV_LBMP_C 345029	28.17 0.47 0.00	28.79 0.37 0.00	26.09 0.41 0.00	26.34 0.44 0.00	27.09 0.48 0.00	29.29 0.60 0.00	38.14 0.86 0.00	43.55 0.98 0.00	36.82 0.72 0.00	32.40 0.70 0.00	31.82 0.65 0.00	30.37 0.62 0.00	31.20 0.58 0.00	32.70 0.64 0.00	33.80 0.53 0.00	39.11 0.46 -0.12	40.29 0.61 -1.51	45.86 0.86 -1.99	37.76 0.72 -2.99	30.90 0.50 -3.83	28.63 0.47 -2.07	24.70 0.41 0.03	22.65 0.31 0.00	25.20 0.29 -0.64
ETNA____115KV_TB2 80207	28.17 0.47 0.00	28.79 0.37 0.00	26.09 0.41 0.00	26.34 0.44 0.00	27.09 0.48 0.00	29.29 0.60 0.00	38.14 0.86 0.00	43.55 0.98 0.00	36.82 0.72 0.00	32.40 0.70 0.00	31.82 0.65 0.00	30.37 0.62 0.00	31.20 0.58 0.00	32.70 0.64 0.00	33.80 0.53 0.00	39.11 0.46 -0.12	40.29 0.61 -1.51	45.86 0.86 -1.99	37.76 0.72 -2.99	30.90 0.50 -3.83	28.63 0.47 -2.07	24.70 0.41 0.03	22.65 0.31 0.00	25.20 0.29 -0.64
EUCLID__115KV_TB2 356179	27.23 -0.47 0.00	27.89 -0.54 0.00	25.24 -0.44 0.00	25.46 -0.44 0.00	26.19 -0.43 0.00	28.14 -0.54 0.00	36.53 -0.75 0.00	41.72 -0.85 0.00	35.38 -0.72 0.00	31.13 -0.57 0.00	30.63 -0.53 0.00	29.27 -0.48 0.00	30.10 -0.52 0.00	31.51 -0.54 0.00	32.61 -0.67 0.00	37.69 -0.89 -0.05	37.96 -0.80 -0.60	42.94 -0.86 -0.78	34.62 -0.61 -1.18	27.55 -0.50 -1.49	26.42 -0.47 -0.81	23.92 -0.39 0.00	21.98 -0.36 0.00	24.18 -0.34 -0.25
E_CANADA_CAP_HY 24051	29.22 1.52 0.00	29.99 1.56 0.00	27.01 1.33 0.00	27.27 1.37 0.00	28.08 1.46 0.00	30.49 1.81 0.00	39.85 2.57 0.00	45.47 2.90 0.00	38.34 2.24 0.00	33.44 1.74 0.00	32.75 1.59 0.00	30.94 1.19 0.00	31.78 1.16 0.00	33.47 1.41 0.00	34.77 1.50 0.00	41.50 2.27 -0.71	49.36 2.41 -8.78	57.41 2.84 -11.56	53.75 2.28 -17.42	50.31 1.75 -21.99	39.62 1.64 -11.88	35.91 1.36 -10.23	29.87 1.23 -6.31	29.09 1.16 -3.66
E_CANADA_MHWK_HY 24050	28.34 0.64 0.00	29.08 0.65 0.00	26.22 0.54 0.00	26.46 0.57 0.00	27.20 0.58 0.00	29.34 0.66 0.00	38.14 0.86 0.00	43.55 0.98 0.00	36.93 0.83 0.00	32.43 0.73 0.00	31.91 0.75 0.00	30.49 0.74 0.00	31.42 0.79 0.00	32.86 0.80 0.00	34.04 0.77 0.00	39.34 0.81 -0.01	38.84 0.57 -0.10	43.70 0.56 -0.13	34.38 0.14 -0.19	26.88 0.08 -0.24	26.22 0.00 -0.13	24.40 -0.02 -0.11	22.45 0.04 -0.07	24.33 0.02 -0.04
E_FISHKILL__LBMP 23776	28.98 1.27 0.00	29.90 1.48 0.00	26.78 1.10 0.00	26.96 1.06 0.00	27.70 1.09 0.00	30.15 1.46 0.00	39.25 1.98 0.00	45.09 2.51 0.00	38.34 2.24 0.00	33.60 1.90 0.00	33.09 1.93 0.00	31.56 1.81 0.00	32.61 1.99 0.00	34.08 2.02 0.00	35.50 2.23 0.00	41.81 2.74 -0.55	47.65 2.71 -6.78	54.99 3.05 -8.92	49.95 2.45 -13.44	45.42 1.89 -16.97	37.06 1.80 -9.17	25.89 1.58 0.01	23.83 1.50 0.00	28.55 1.46 -2.83
FALCON____SEABRD_CC1 323796	28.59 0.89 0.00	29.62 1.19 0.00	26.63 0.95 0.00	27.09 1.19 0.00	28.00 1.38 0.00	30.26 1.58 0.00	38.88 1.60 0.00	43.25 0.68 0.00	36.67 0.58 0.00	32.59 0.89 0.00	31.97 0.81 0.00	30.25 0.51 0.00	31.20 0.58 0.00	32.66 0.61 0.00	33.77 0.50 0.00	38.65 0.12 -0.01	37.65 -0.65 -0.13	41.81 -1.38 -0.18	32.41 -1.91 -0.27	25.55 -1.35 -0.34	24.94 -1.33 -0.18	23.42 -1.04 -0.16	21.29 -1.14 -0.10	22.97 -1.36 -0.06

FALCON___SEABRD_CC2 323797	28.59 0.89 0.00	29.62 1.19 0.00	26.63 0.95 0.00	27.09 1.19 0.00	28.00 1.38 0.00	30.26 1.58 0.00	38.88 1.60 0.00	43.25 0.68 0.00	36.67 0.58 0.00	32.59 0.89 0.00	31.97 0.81 0.00	30.25 0.51 0.00	31.20 0.58 0.00	32.66 0.61 0.00	33.77 0.50 0.00	38.65 0.12 -0.01	37.65 -0.65 -0.13	41.81 -1.38 -0.18	32.41 -1.91 -0.27	25.55 -1.35 -0.34	24.94 -1.33 -0.18	23.42 -1.04 -0.16	21.29 -1.14 -0.10	22.97 -1.36 -0.06
FAR ROCKAWAY___4 23548	33.55 2.38 -3.47	31.08 2.64 -0.01	27.75 2.05 -0.02	28.03 1.99 -0.14	29.08 2.08 -0.39	31.28 2.58 -0.02	40.07 2.80 0.00	46.32 3.75 0.00	39.31 3.21 0.00	34.98 3.27 -0.01	37.18 3.27 -2.75	38.51 3.09 -5.68	36.42 3.31 -2.49	37.46 3.37 -2.04	37.11 3.63 -0.21	43.23 4.16 -0.54	49.09 4.20 -6.73	63.62 4.69 -15.91	54.31 3.78 -16.47	50.58 2.97 -21.04	38.84 2.84 -9.91	30.50 2.58 -3.61	28.96 2.41 -4.21	32.56 2.45 -5.84
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	29.39 1.69 0.00	30.42 1.99 0.00	27.09 1.41 0.00	27.27 1.37 0.00	28.02 1.41 0.00	30.52 1.84 0.00	39.74 2.46 0.00	45.77 3.19 0.00	38.99 2.89 0.00	34.24 2.54 0.00	33.78 2.62 0.00	32.21 2.47 0.00	33.28 2.66 0.00	34.75 2.69 0.00	36.17 2.89 0.00	42.57 3.51 -0.54	48.28 3.40 -6.72	55.64 3.79 -8.84	50.47 3.10 -13.32	45.77 2.39 -16.81	37.37 2.19 -9.09	26.30 1.99 0.01	24.21 1.88 0.00	28.94 1.87 -2.80
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	29.39 1.69 0.00	30.42 1.99 0.00	27.09 1.41 0.00	27.27 1.37 0.00	28.02 1.41 0.00	30.52 1.84 0.00	39.74 2.46 0.00	45.77 3.19 0.00	38.99 2.89 0.00	34.24 2.54 0.00	33.78 2.62 0.00	32.21 2.47 0.00	33.28 2.66 0.00	34.75 2.69 0.00	36.17 2.89 0.00	42.57 3.51 -0.54	48.28 3.40 -6.72	55.68 3.83 -8.84	50.47 3.10 -13.32	45.79 2.42 -16.81	37.39 2.22 -9.09	26.30 1.99 0.01	24.21 1.88 0.00	28.94 1.87 -2.80
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	29.36 1.66 0.00	30.39 1.96 0.00	27.09 1.41 0.00	27.24 1.35 0.00	28.02 1.41 0.00	30.52 1.84 0.00	39.70 2.42 0.00	45.77 3.19 0.00	38.95 2.85 0.00	34.24 2.54 0.00	33.78 2.62 0.00	32.21 2.47 0.00	33.28 2.66 0.00	34.75 2.69 0.00	36.17 2.89 0.00	42.53 3.47 -0.54	48.28 3.40 -6.72	55.64 3.79 -8.84	50.44 3.06 -13.32	45.77 2.39 -16.81	37.37 2.19 -9.09	26.30 1.99 0.01	24.21 1.88 0.00	28.94 1.87 -2.80
FARRAGUT___LBMP 323566	29.36 1.66 0.00	30.39 1.96 0.00	27.06 1.39 0.00	27.24 1.35 0.00	28.00 1.38 0.00	30.49 1.81 0.00	39.70 2.42 0.00	45.72 3.15 0.00	38.91 2.82 0.00	34.20 2.50 0.00	33.75 2.59 0.00	32.19 2.44 0.00	33.25 2.63 0.00	34.72 2.66 0.00	36.13 2.86 0.00	42.49 3.43 -0.54	48.24 3.36 -6.72	55.59 3.74 -8.84	50.40 3.03 -13.32	45.74 2.36 -16.81	37.34 2.17 -9.09	26.28 1.97 0.01	24.19 1.85 0.00	28.91 1.84 -2.80
FENNER___WINDPWR 24204	28.23 0.53 0.00	28.94 0.51 0.00	26.14 0.46 0.00	26.41 0.52 0.00	27.20 0.58 0.00	29.34 0.66 0.00	38.21 0.93 0.00	43.72 1.15 0.00	36.96 0.86 0.00	32.49 0.79 0.00	31.91 0.75 0.00	30.49 0.74 0.00	31.35 0.73 0.00	32.83 0.77 0.00	33.97 0.70 0.00	39.36 0.77 -0.07	39.76 0.76 -0.83	45.10 0.99 -1.10	36.42 0.72 -1.65	29.17 0.50 -2.10	27.69 0.47 -1.13	25.70 0.41 -0.97	23.25 0.31 -0.60	24.96 0.34 -0.35
FIBERTEK___ENERGY 23856	27.56 -0.14 0.00	28.20 -0.23 0.00	25.52 -0.15 0.00	25.74 -0.16 0.00	26.48 -0.13 0.00	28.45 -0.23 0.00	36.98 -0.30 0.00	42.28 -0.30 0.00	35.81 -0.29 0.00	31.54 -0.16 0.00	31.00 -0.16 0.00	29.66 -0.09 0.00	30.47 -0.15 0.00	31.90 -0.16 0.00	33.00 -0.27 0.00	38.12 -0.46 -0.06	38.49 -0.38 -0.71	43.61 -0.34 -0.94	35.22 -0.24 -1.41	28.13 -0.21 -1.78	26.84 -0.21 -0.96	24.17 -0.15 0.00	22.20 -0.13 0.00	24.44 -0.12 -0.30
FITZPATRICK____ 23598	26.90 -0.80 0.00	27.54 -0.88 0.00	24.93 -0.75 0.00	25.14 -0.75 0.00	25.84 -0.77 0.00	27.74 -0.95 0.00	35.97 -1.31 0.00	41.08 -1.49 0.00	34.76 -1.33 0.00	30.62 -1.08 0.00	30.10 -1.06 0.00	28.77 -0.98 0.00	29.58 -1.04 0.00	30.97 -1.09 0.00	32.07 -1.20 0.00	37.09 -1.46 -0.03	37.17 -1.41 -0.42	42.02 -1.55 -0.55	33.69 -1.19 -0.83	26.67 -0.93 -1.04	25.76 -0.89 -0.56	24.04 -0.75 -0.48	21.96 -0.67 -0.30	23.79 -0.65 -0.17
FLOWRFLD_69_KV_BK1 356044	34.00 2.44 -3.86	31.25 2.81 -0.01	27.93 2.23 -0.02	28.23 2.18 -0.16	29.32 2.26 -0.44	31.43 2.72 -0.02	39.89 2.61 0.00	46.32 3.75 0.00	39.06 2.96 0.00	35.01 3.30 -0.02	36.46 3.27 -2.03	37.00 3.06 -4.19	35.74 3.28 -1.84	36.93 3.37 -1.51	37.19 3.76 -0.16	43.15 4.08 -0.54	49.32 4.43 -6.72	61.98 4.90 -14.06	53.65 3.95 -15.65	49.66 3.16 -19.94	38.83 3.03 -9.71	29.80 2.72 -2.77	29.50 2.48 -4.69	32.95 2.50 -6.19
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	29.20 1.50 0.00	30.07 1.65 0.00	26.99 1.31 0.00	27.16 1.27 0.00	27.94 1.33 0.00	30.43 1.75 0.00	39.59 2.31 0.00	45.51 2.94 0.00	38.70 2.60 0.00	33.86 2.16 0.00	33.34 2.18 0.00	31.74 1.99 0.00	32.83 2.20 0.00	34.30 2.24 0.00	35.80 2.53 0.00	42.15 3.08 -0.54	48.00 3.09 -6.75	55.29 3.40 -8.88	50.19 2.76 -13.38	45.58 2.12 -16.90	37.23 2.01 -9.13	26.03 1.73 0.01	23.99 1.65 0.00	28.68 1.60 -2.81
FORT ORANGE____ 23900	28.23 0.53 0.00	28.99 0.57 0.00	26.14 0.46 0.00	26.34 0.44 0.00	27.07 0.45 0.00	29.26 0.57 0.00	38.14 0.86 0.00	43.59 1.02 0.00	37.00 0.90 0.00	32.24 0.54 0.00	31.66 0.50 0.00	30.16 0.42 0.00	31.08 0.46 0.00	32.60 0.54 0.00	33.97 0.70 0.00	40.14 1.00 -0.61	46.79 1.03 -7.60	54.26 1.25 -9.99	50.07 0.95 -15.06	46.31 0.74 -19.00	37.09 0.73 -10.27	33.79 0.63 -8.85	28.37 0.58 -5.46	27.94 0.51 -3.16
FORT_DRUM_COGEN 23780	28.37 0.66 0.00	29.14 0.71 0.00	26.27 0.59 0.00	26.62 0.73 0.00	27.49 0.88 0.00	29.66 0.98 0.00	38.81 1.53 0.00	44.45 1.87 0.00	37.40 1.30 0.00	32.84 1.14 0.00	32.13 0.97 0.00	30.64 0.89 0.00	31.45 0.83 0.00	32.99 0.93 0.00	34.04 0.77 0.00	39.48 0.92 -0.03	39.15 0.61 -0.38	44.46 0.95 -0.49	35.28 0.48 -0.75	27.88 0.37 -0.94	26.88 0.29 -0.51	24.58 0.27 0.00	22.40 0.07 0.00	24.45 0.02 -0.16
FOX_HILLS___ESR 323835	29.67 1.97 0.00	30.68 2.25 -0.01	27.29 1.62 0.00	27.45 1.55 0.00	28.21 1.60 0.00	30.60 1.92 0.00	39.78 2.50 0.00	45.68 3.11 0.00	38.88 2.78 0.00	34.14 2.44 0.00	33.75 2.59 0.00	32.19 2.44 0.00	33.25 2.63 0.00	34.72 2.66 0.00	36.13 2.86 0.00	42.57 3.51 -0.54	48.24 3.36 -6.72	55.59 3.74 -8.84	50.47 3.10 -13.32	45.74 2.36 -16.82	37.29 2.11 -9.09	26.32 2.02 0.01	24.32 1.99 0.00	29.13 2.06 -2.80
FPL FAR_ROCK_GT1 24212	33.55 2.38 -3.47	31.11 2.67 -0.01	27.75 2.05 -0.02	28.03 1.99 -0.14	29.08 2.08 -0.39	31.28 2.58 -0.02	40.26 2.98 0.00	46.28 3.70 0.00	39.46 3.36 0.00	34.98 3.27 -0.01	37.18 3.27 -2.75	38.51 3.09 -5.68	36.42 3.31 -2.49	37.53 3.43 -2.04	37.11 3.63 -0.21	43.23 4.16 -0.54	49.09 4.20 -6.73	63.62 4.69 -15.91	54.31 3.78 -16.47	50.55 2.95 -21.04	38.84 2.84 -9.91	38.38 2.63 -11.44	33.76 2.39 -9.04	32.53 2.43 -5.84

FPL FAR_ROCK_GT2 23815	33.55 2.38 -3.47	31.11 2.67 -0.01	27.75 2.05 -0.02	28.03 1.99 -0.14	29.08 2.08 -0.39	31.28 2.58 -0.02	40.26 2.98 0.00	46.28 3.70 0.00	39.46 3.36 0.00	34.98 3.27 -0.01	37.18 3.27 -2.75	38.51 3.09 -5.68	36.42 3.31 -2.49	37.53 3.43 -2.04	37.11 3.63 -0.21	43.23 4.16 -0.54	49.09 4.20 -6.73	63.62 4.69 -15.91	54.31 3.78 -16.47	50.55 2.95 -21.04	38.84 2.84 -9.91	38.38 2.63 -11.44	33.76 2.39 -9.04	32.53 2.43 -5.84
FRANKLIN_FALL_HYD 24054	28.42 0.72 0.00	29.45 1.02 0.00	26.47 0.80 0.00	26.93 1.04 0.00	27.86 1.25 0.00	30.12 1.43 0.00	39.10 1.83 0.00	43.64 1.06 0.00	36.89 0.79 0.00	32.81 1.11 0.00	32.00 0.84 0.00	30.43 0.68 0.00	31.39 0.77 0.00	32.86 0.80 0.00	33.97 0.70 0.00	38.88 0.35 -0.01	37.97 -0.34 -0.15	42.18 -1.03 -0.20	32.71 -1.63 -0.29	25.82 -1.12 -0.37	25.19 -1.10 -0.20	23.24 -1.07 0.00	21.17 -1.16 0.00	22.87 -1.46 -0.06
FREEPORT_EQUS_GT1 23764	33.44 2.24 -3.50	30.97 2.53 -0.01	27.62 1.93 -0.02	27.93 1.89 -0.14	28.98 1.97 -0.40	31.17 2.47 -0.02	40.08 2.80 0.00	46.07 3.49 0.00	39.20 3.10 0.00	34.79 3.07 -0.01	36.54 3.02 -2.36	37.48 2.86 -4.88	35.86 3.09 -2.14	37.01 3.21 -1.75	36.85 3.40 -0.18	42.95 3.89 -0.54	48.86 3.97 -6.73	62.37 4.43 -14.92	53.69 3.61 -16.03	49.80 2.79 -20.45	38.60 2.71 -9.80	37.80 2.50 -10.99	33.67 2.25 -9.08	32.44 2.31 -5.87
FREEPORT___CT2 23818	33.44 2.24 -3.50	30.97 2.53 -0.01	27.62 1.93 -0.02	27.93 1.89 -0.14	28.98 1.97 -0.40	31.17 2.47 -0.02	40.08 2.80 0.00	46.07 3.49 0.00	39.20 3.10 0.00	34.79 3.07 -0.01	36.54 3.02 -2.36	37.48 2.86 -4.88	35.86 3.09 -2.14	37.01 3.21 -1.75	36.85 3.40 -0.18	42.95 3.89 -0.54	48.86 3.97 -6.73	62.37 4.43 -14.92	53.69 3.61 -16.03	49.80 2.79 -20.45	38.60 2.71 -9.80	37.80 2.50 -10.99	33.67 2.25 -9.08	32.44 2.31 -5.87
FRESHKLS_33_KV_LOAD 356253	29.72 2.02 0.00	30.74 2.30 0.00	27.34 1.67 0.00	27.48 1.58 0.00	28.26 1.65 0.00	30.63 1.95 0.00	39.78 2.50 0.00	45.68 3.11 0.00	38.84 2.74 0.00	34.08 2.38 0.00	33.68 2.52 0.00	32.13 2.38 0.00	33.19 2.57 0.00	34.65 2.60 0.00	36.07 2.79 0.00	42.53 3.47 -0.54	48.20 3.32 -6.72	55.59 3.74 -8.84	50.44 3.06 -13.32	45.74 2.36 -16.82	37.26 2.09 -9.09	26.32 2.02 0.01	24.32 1.99 0.00	29.13 2.06 -2.80
FULTON COGEN____ 23766	27.23 -0.47 0.00	27.86 -0.57 0.00	25.24 -0.44 0.00	25.46 -0.44 0.00	26.16 -0.45 0.00	28.11 -0.57 0.00	36.50 -0.78 0.00	41.72 -0.85 0.00	35.34 -0.76 0.00	31.13 -0.57 0.00	30.60 -0.56 0.00	29.24 -0.51 0.00	30.04 -0.58 0.00	31.45 -0.61 0.00	32.57 -0.70 0.00	37.65 -0.92 -0.05	37.90 -0.84 -0.57	42.87 -0.90 -0.75	34.54 -0.65 -1.14	27.49 -0.50 -1.44	26.37 -0.50 -0.78	23.92 -0.39 0.00	21.95 -0.38 0.00	24.14 -0.36 -0.24
FULTON___LFGE 323630	29.39 1.69 0.00	30.19 1.76 0.00	27.16 1.49 0.00	27.40 1.50 0.00	28.24 1.62 0.00	30.66 1.98 0.00	40.04 2.76 0.00	45.68 3.11 0.00	38.55 2.46 0.00	33.63 1.93 0.00	32.97 1.81 0.00	31.17 1.43 0.00	32.03 1.41 0.00	33.69 1.63 0.00	35.07 1.80 0.00	41.74 2.54 -0.68	49.19 2.63 -8.39	57.23 3.18 -11.04	53.24 2.56 -16.64	49.53 1.97 -21.00	39.29 1.85 -11.35	35.64 1.56 -9.77	29.75 1.39 -6.03	29.07 1.31 -3.50
G.F.CEMENT___DRP 24184	29.64 1.94 0.00	30.44 2.02 0.00	27.40 1.72 0.00	27.63 1.74 0.00	28.42 1.81 0.00	30.83 2.15 0.00	40.22 2.94 0.00	45.98 3.41 0.00	38.91 2.82 0.00	33.95 2.25 0.00	33.44 2.27 0.00	31.74 1.99 0.00	32.61 1.99 0.00	34.11 2.05 0.00	35.53 2.26 0.00	42.00 2.85 -0.63	48.80 2.82 -7.81	56.78 3.48 -10.28	52.27 2.72 -15.49	48.21 2.10 -19.55	38.71 2.06 -10.57	26.04 1.73 0.00	23.87 1.54 0.00	29.03 1.50 -3.26
GARDENVILLE___LBMP 24039	26.51 -1.19 0.00	26.72 -1.71 0.00	24.62 -1.05 0.00	24.94 -0.96 0.00	25.71 -0.90 0.00	27.88 -0.80 0.00	35.79 -1.49 0.00	40.40 -2.17 0.00	34.26 -1.84 0.00	30.62 -1.08 0.00	30.29 -0.87 0.00	29.15 -0.59 0.00	29.70 -0.92 0.00	31.10 -0.96 0.00	31.64 -1.63 0.00	35.56 -3.04 -0.08	36.10 -2.94 -0.88	40.85 -3.31 -1.15	33.33 -2.45 -1.73	27.33 -1.89 -2.65	25.72 -1.80 -1.43	22.18 -1.92 0.22	20.64 -1.70 0.00	23.11 -1.60 -0.44
GARDNVLA_35_KV_LD 355827	26.65 -1.05 0.00	26.86 -1.56 0.00	24.75 -0.92 0.00	25.07 -0.83 0.00	25.84 -0.77 0.00	28.02 -0.66 0.00	36.01 -1.27 0.00	40.62 -1.96 0.00	34.44 -1.66 0.00	30.81 -0.89 0.00	30.48 -0.69 0.00	29.33 -0.42 0.00	29.89 -0.73 0.00	31.29 -0.77 0.00	31.84 -1.43 0.00	35.75 -2.85 -0.08	36.30 -2.75 -0.88	41.03 -3.14 -1.16	33.48 -2.32 -1.74	27.43 -1.78 -2.65	25.82 -1.70 -1.43	22.28 -1.82 0.21	20.70 -1.63 0.00	23.18 -1.53 -0.44
GELCKHM___115KV_LOAD 80723	27.34 -0.36 0.00	28.00 -0.43 0.00	25.34 -0.33 0.00	25.56 -0.34 0.00	26.29 -0.32 0.00	28.25 -0.43 0.00	36.68 -0.60 0.00	41.94 -0.64 0.00	35.52 -0.58 0.00	31.29 -0.41 0.00	30.76 -0.41 0.00	29.42 -0.33 0.00	30.22 -0.40 0.00	31.64 -0.42 0.00	32.74 -0.53 0.00	37.84 -0.73 -0.05	38.15 -0.65 -0.64	43.17 -0.69 -0.84	34.84 -0.48 -1.26	27.76 -0.40 -1.59	26.58 -0.37 -0.86	24.02 -0.29 0.00	22.04 -0.29 0.00	24.27 -0.27 -0.27
GENERAL___MILLS 23808	26.59 -1.11 0.00	26.81 -1.62 0.00	24.73 -0.95 0.00	25.02 -0.88 0.00	25.79 -0.83 0.00	27.99 -0.69 0.00	35.94 -1.34 0.00	40.57 -2.00 0.00	34.37 -1.73 0.00	30.75 -0.95 0.00	30.41 -0.75 0.00	29.27 -0.48 0.00	29.82 -0.80 0.00	31.22 -0.83 0.00	31.77 -1.50 0.00	35.67 -2.93 -0.08	36.22 -2.82 -0.88	40.94 -3.23 -1.15	33.41 -2.38 -1.74	27.38 -1.83 -2.65	25.77 -1.75 -1.43	22.23 -1.87 0.21	20.66 -1.67 0.00	23.13 -1.58 -0.44
GE_PLASTICS___DRP 24183	28.17 0.47 0.00	28.97 0.54 0.00	26.11 0.44 0.00	26.31 0.41 0.00	27.01 0.40 0.00	29.23 0.54 0.00	38.02 0.75 0.00	43.51 0.94 0.00	36.89 0.79 0.00	32.27 0.57 0.00	31.69 0.53 0.00	30.22 0.48 0.00	31.17 0.55 0.00	32.63 0.58 0.00	34.00 0.73 0.00	40.10 0.96 -0.61	46.71 0.95 -7.59	54.12 1.12 -9.99	49.99 0.89 -15.05	46.24 0.69 -18.99	37.03 0.68 -10.26	24.87 0.56 0.00	22.85 0.51 0.00	27.92 0.49 -3.16
GILBOA___1 23756	28.34 0.64 0.00	29.14 0.71 0.00	26.39 0.72 0.00	26.60 0.70 0.00	27.25 0.64 0.00	29.40 0.72 0.00	38.25 0.97 0.00	43.68 1.11 0.00	37.15 1.05 0.00	32.56 0.86 0.00	32.00 0.84 0.00	30.52 0.77 0.00	31.45 0.83 0.00	32.95 0.90 0.00	34.24 0.97 0.00	40.25 1.23 -0.50	45.49 1.14 -6.18	52.34 1.20 -8.12	47.32 1.02 -12.25	42.88 0.85 -15.47	35.25 0.81 -8.36	32.24 0.73 -7.19	27.42 0.65 -4.44	27.50 0.66 -2.58
GILBOA___2 23757	28.34 0.64 0.00	29.14 0.71 0.00	26.39 0.72 0.00	26.60 0.70 0.00	27.25 0.64 0.00	29.40 0.72 0.00	38.25 0.97 0.00	43.68 1.11 0.00	37.15 1.05 0.00	32.56 0.86 0.00	32.00 0.84 0.00	30.52 0.77 0.00	31.45 0.83 0.00	32.95 0.90 0.00	34.24 0.97 0.00	40.25 1.23 -0.50	45.49 1.14 -6.18	52.34 1.20 -8.12	47.32 1.02 -12.25	42.88 0.85 -15.47	35.25 0.81 -8.36	32.24 0.73 -7.19	27.42 0.65 -4.44	27.50 0.66 -2.58

GILBOA___3 23758	28.34 0.64 0.00	29.14 0.71 0.00	26.39 0.72 0.00	26.60 0.70 0.00	27.25 0.64 0.00	29.40 0.72 0.00	38.25 0.97 0.00	43.68 1.11 0.00	37.15 1.05 0.00	32.56 0.86 0.00	32.00 0.84 0.00	30.52 0.77 0.00	31.45 0.83 0.00	32.95 0.90 0.00	34.24 0.97 0.00	40.25 1.23 -0.50	45.49 1.14 -6.18	52.34 1.20 -8.12	47.32 1.02 -12.25	42.88 0.85 -15.47	35.25 0.81 -8.36	32.24 0.73 -7.19	27.42 0.65 -4.44	27.50 0.66 -2.58
GILBOA___4 23759	28.34 0.64 0.00	29.14 0.71 0.00	26.39 0.72 0.00	26.60 0.70 0.00	27.25 0.64 0.00	29.40 0.72 0.00	38.25 0.97 0.00	43.68 1.11 0.00	37.15 1.05 0.00	32.56 0.86 0.00	32.00 0.84 0.00	30.52 0.77 0.00	31.45 0.83 0.00	32.95 0.90 0.00	34.24 0.97 0.00	40.25 1.23 -0.50	45.49 1.14 -6.18	52.34 1.20 -8.12	47.32 1.02 -12.25	42.88 0.85 -15.47	35.25 0.81 -8.36	32.24 0.73 -7.19	27.42 0.65 -4.44	27.50 0.66 -2.58
GILBOA___ 23599	28.34 0.64 0.00	29.14 0.71 0.00	26.39 0.72 0.00	26.59 0.70 0.00	27.23 0.61 0.00	29.40 0.72 0.00	38.25 0.97 0.00	43.68 1.11 0.00	37.11 1.01 0.00	32.52 0.82 0.00	32.00 0.84 0.00	30.52 0.77 0.00	31.45 0.83 0.00	32.92 0.87 0.00	34.24 0.96 0.00	40.22 1.19 -0.50	45.49 1.14 -6.18	52.34 1.20 -8.12	47.32 1.02 -12.25	42.88 0.85 -15.47	35.25 0.81 -8.36	25.01 0.71 0.01	23.00 0.67 0.00	27.50 0.66 -2.58
GINNA___ 23603	25.57 -2.13 0.00	26.01 -2.42 0.00	23.70 -1.98 0.00	23.93 -1.97 0.00	24.59 -2.02 0.00	26.62 -2.07 0.00	34.41 -2.87 0.00	39.21 -3.36 0.00	33.14 -2.96 0.00	29.51 -2.19 0.00	29.10 -2.06 0.00	27.93 -1.82 0.00	28.63 -1.99 0.00	29.78 -2.28 0.00	30.74 -2.53 0.00	35.31 -3.27 -0.06	35.99 -2.98 -0.81	40.72 -3.36 -1.06	33.23 -2.42 -1.60	26.73 -1.81 -1.97	25.30 -1.85 -1.07	23.23 -2.02 -0.94	21.16 -1.74 -0.57	22.97 -1.63 -0.33
GLEN PARK___ 23778	28.51 0.80 0.00	29.25 0.82 0.00	26.37 0.69 0.00	26.75 0.85 0.00	27.60 0.99 0.00	29.80 1.12 0.00	38.99 1.72 0.00	44.70 2.13 0.00	37.54 1.45 0.00	32.97 1.27 0.00	32.28 1.12 0.00	30.76 1.01 0.00	31.57 0.95 0.00	33.11 1.06 0.00	34.17 0.90 0.00	39.67 1.12 -0.03	39.39 0.84 -0.39	44.81 1.29 -0.51	35.57 0.75 -0.77	28.11 0.58 -0.97	27.10 0.49 -0.52	25.18 0.41 -0.45	22.81 0.20 -0.28	24.62 0.19 -0.16
GLENDALE_27_KV_LOAD 356172	29.56 1.86 0.00	30.59 2.16 0.00	27.24 1.57 0.00	27.40 1.50 0.00	28.16 1.54 0.00	30.60 1.92 0.00	39.81 2.53 0.00	45.81 3.24 0.00	39.06 2.96 0.00	34.33 2.63 0.00	33.90 2.74 0.00	32.33 2.59 0.00	33.41 2.79 0.00	34.85 2.99 0.00	36.27 2.99 0.00	42.69 3.62 -0.54	48.32 3.43 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.80 2.42 -16.82	37.39 2.22 -9.09	26.35 2.04 0.01	24.32 1.99 0.00	29.08 2.01 -2.80
GLENWOOD_IC_1_G5 23712	32.50 1.94 -2.86	30.62 2.19 -0.01	27.36 1.67 -0.01	27.64 1.63 -0.11	28.62 1.68 -0.33	30.85 2.15 -0.01	39.78 2.50 0.00	45.94 3.36 0.00	39.02 2.92 0.00	34.50 2.79 -0.01	36.65 2.84 -2.65	37.90 2.68 -5.48	35.91 2.88 -2.41	36.94 2.92 -1.97	36.64 3.16 -0.21	42.72 3.66 -0.54	48.60 3.70 -6.73	62.81 4.13 -15.67	53.75 3.34 -16.36	50.06 2.60 -20.89	38.43 2.45 -9.89	30.04 2.21 -3.52	27.86 2.05 -3.48	31.64 2.06 -5.31
GLENWOOD_IC_2_G1 23688	29.42 1.72 0.00	30.42 1.99 0.00	27.14 1.46 0.00	27.32 1.42 0.00	28.10 1.49 0.00	30.61 1.92 0.00	39.74 2.46 0.00	45.68 3.11 0.00	38.92 2.82 0.00	34.24 2.54 0.00	33.72 2.56 0.00	32.15 2.41 0.00	33.22 2.60 0.00	34.78 2.72 0.00	36.13 2.86 0.00	42.49 3.43 -0.54	48.28 3.40 -6.72	55.64 3.79 -8.84	50.44 3.07 -13.32	45.77 2.39 -16.82	37.42 2.24 -9.09	34.20 2.07 -7.82	29.01 1.85 -4.83	28.94 1.87 -2.80
GLENWOOD_IC_3_G1 23689	29.42 1.72 0.00	30.42 1.99 0.00	27.14 1.46 0.00	27.32 1.42 0.00	28.10 1.49 0.00	30.61 1.92 0.00	39.74 2.46 0.00	45.68 3.11 0.00	38.92 2.82 0.00	34.24 2.54 0.00	33.72 2.56 0.00	32.15 2.41 0.00	33.22 2.60 0.00	34.78 2.72 0.00	36.13 2.86 0.00	42.49 3.43 -0.54	48.28 3.40 -6.72	55.64 3.79 -8.84	50.44 3.07 -13.32	45.77 2.39 -16.82	37.42 2.24 -9.09	34.20 2.07 -7.82	29.01 1.85 -4.83	28.94 1.87 -2.80
GLENWOOD___4 23550	32.50 1.94 -2.86	30.62 2.19 -0.01	27.36 1.67 -0.01	27.64 1.63 -0.11	28.62 1.68 -0.33	30.85 2.15 -0.01	39.78 2.50 0.00	45.94 3.36 0.00	39.02 2.92 0.00	34.50 2.79 -0.01	36.65 2.84 -2.65	37.90 2.68 -5.48	35.91 2.88 -2.41	36.94 2.92 -1.97	36.64 3.16 -0.21	42.72 3.66 -0.54	48.60 3.70 -6.73	62.81 4.13 -15.67	53.75 3.34 -16.36	50.06 2.60 -20.89	38.43 2.45 -9.89	30.04 2.21 -3.52	27.86 2.05 -3.48	31.64 2.06 -5.31
GLENWOOD___5 23614	32.50 1.94 -2.86	30.62 2.19 -0.01	27.36 1.67 -0.01	27.64 1.63 -0.11	28.62 1.68 -0.33	30.85 2.15 -0.01	39.78 2.50 0.00	45.94 3.36 0.00	39.02 2.92 0.00	34.50 2.79 -0.01	36.65 2.84 -2.65	37.90 2.68 -5.48	35.91 2.88 -2.41	36.94 2.92 -1.97	36.64 3.16 -0.21	42.72 3.66 -0.54	48.60 3.70 -6.73	62.81 4.13 -15.67	53.75 3.34 -16.36	50.06 2.60 -20.89	38.43 2.45 -9.89	30.04 2.21 -3.52	27.86 2.05 -3.48	31.64 2.06 -5.31
GLOBAL GREEN_PORT_GT1 23814	34.65 3.07 -3.87	31.79 3.35 -0.01	28.60 2.90 -0.02	28.90 2.85 -0.16	30.04 2.98 -0.44	32.21 3.50 -0.02	41.19 3.91 0.00	47.60 5.02 0.00	40.11 4.01 0.00	35.74 4.03 -0.02	37.33 4.14 -2.02	37.88 3.96 -4.18	36.53 4.07 -1.84	37.86 4.30 -1.50	37.92 4.49 -0.16	44.19 5.12 -0.54	50.65 5.76 -6.72	63.35 6.28 -14.05	54.77 5.07 -15.64	50.58 4.09 -19.93	39.63 3.84 -9.71	38.40 3.50 -10.59	34.85 2.99 -9.53	33.44 2.98 -6.19
GLOBE___DSASP 323697	25.54 -2.16 0.00	25.78 -2.64 0.00	23.75 -1.93 0.00	24.03 -1.86 0.00	24.78 -1.84 0.00	26.79 -1.89 0.00	34.26 -3.02 0.00	38.49 -4.09 0.00	32.71 -3.39 0.00	29.32 -2.38 0.00	29.01 -2.15 0.00	27.90 -1.84 0.00	28.42 -2.20 0.00	29.75 -2.31 0.00	30.21 -3.06 0.00	34.32 -4.28 -0.07	34.82 -4.12 -0.78	39.35 -4.69 -1.02	32.32 -3.27 -1.54	26.64 -2.39 -2.46	25.25 -2.17 -1.33	21.81 -2.26 0.24	20.39 -1.94 0.00	22.88 -1.80 -0.41
GOETHSLN___LBMP 323567	29.25 1.55 0.00	30.30 1.88 0.00	26.99 1.31 0.00	27.16 1.27 0.00	27.92 1.30 0.00	30.43 1.75 0.00	39.59 2.31 0.00	45.64 3.07 0.00	38.88 2.78 0.00	34.14 2.44 0.00	33.68 2.52 0.00	32.13 2.38 0.00	33.19 2.57 0.00	34.65 2.60 0.00	36.07 2.79 0.00	42.46 3.39 -0.54	48.16 3.28 -6.72	55.51 3.66 -8.84	50.37 3.00 -13.32	45.71 2.34 -16.81	37.31 2.14 -9.09	26.25 1.94 0.01	24.14 1.81 0.00	28.86 1.80 -2.80
GOLAH___69_KV_TB 1_2 80279	26.65 -1.05 0.00	27.00 -1.42 0.00	24.70 -0.98 0.00	24.96 -0.93 0.00	25.71 -0.90 0.00	27.77 -0.92 0.00	35.79 -1.49 0.00	40.57 -2.00 0.00	34.44 -1.66 0.00	30.62 -1.08 0.00	30.23 -0.93 0.00	29.00 -0.74 0.00	29.64 -0.98 0.00	31.03 -1.03 0.00	31.74 -1.53 0.00	36.47 -2.12 -0.07	37.00 -1.98 -0.82	41.90 -2.19 -1.08	34.28 -1.40 -1.63	27.66 -0.96 -2.05	26.26 -0.94 -1.11	23.32 -1.00 0.00	21.48 -0.85 0.00	23.91 -0.70 -0.34

GOODYEAR_LAKE_HYD 323669	28.78 1.08 0.00	29.53 1.11 0.00	26.68 1.00 0.00	26.93 1.04 0.00	27.70 1.09 0.00	30.00 1.32 0.00	39.14 1.86 0.00	44.70 2.13 0.00	37.90 1.80 0.00	33.28 1.58 0.00	32.72 1.56 0.00	31.20 1.46 0.00	32.09 1.47 0.00	33.63 1.57 0.00	34.80 1.53 0.00	40.55 1.85 -0.18	42.28 1.87 -2.25	48.21 2.24 -2.96	40.25 1.74 -4.46	33.57 1.35 -5.66	30.37 1.23 -3.06	25.37 1.07 0.01	23.27 0.94 0.00	26.16 0.95 -0.94
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	28.06 0.36 0.00	28.68 0.26 0.00	26.01 0.33 0.00	26.26 0.36 0.00	27.01 0.40 0.00	29.23 0.54 0.00	37.95 0.67 0.00	43.30 0.72 0.00	36.64 0.54 0.00	32.30 0.60 0.00	31.78 0.62 0.00	30.37 0.62 0.00	31.20 0.58 0.00	32.67 0.61 0.00	33.77 0.50 0.00	39.01 0.31 -0.18	40.73 0.38 -2.19	46.41 0.52 -2.88	38.87 0.48 -4.34	32.46 0.35 -5.55	29.40 0.31 -3.00	24.49 0.22 0.04	22.51 0.18 0.00	25.36 0.17 -0.92
GOUDEY___7 23579	28.06 0.36 0.00	28.68 0.26 0.00	26.01 0.33 0.00	26.26 0.36 0.00	27.01 0.40 0.00	29.23 0.54 0.00	37.95 0.67 0.00	43.30 0.72 0.00	36.64 0.54 0.00	32.30 0.60 0.00	31.78 0.62 0.00	30.37 0.62 0.00	31.20 0.58 0.00	32.67 0.61 0.00	33.77 0.50 0.00	39.01 0.31 -0.18	40.73 0.38 -2.19	46.41 0.52 -2.88	38.87 0.48 -4.34	32.46 0.35 -5.55	29.40 0.31 -3.00	24.49 0.22 0.04	22.51 0.18 0.00	25.36 0.17 -0.92
GOUDEY___8 23580	28.06 0.36 0.00	28.68 0.26 0.00	26.01 0.33 0.00	26.26 0.36 0.00	27.01 0.40 0.00	29.23 0.54 0.00	37.95 0.67 0.00	43.30 0.72 0.00	36.64 0.54 0.00	32.30 0.60 0.00	31.78 0.62 0.00	30.37 0.62 0.00	31.20 0.58 0.00	32.67 0.61 0.00	33.77 0.50 0.00	39.01 0.31 -0.18	40.73 0.38 -2.19	46.41 0.52 -2.88	38.87 0.48 -4.34	32.46 0.35 -5.55	29.40 0.31 -3.00	24.49 0.22 0.04	22.51 0.18 0.00	25.36 0.17 -0.92
GOWANUS_GT1_1 24077	29.64 1.94 0.00	30.68 2.25 -0.01	27.29 1.62 0.00	27.45 1.55 0.00	28.21 1.60 0.00	30.63 1.95 0.00	39.81 2.53 0.00	45.77 3.19 0.00	38.99 2.89 0.00	34.27 2.57 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.35 2.73 0.00	34.81 2.76 0.00	36.23 2.96 0.00	42.65 3.58 -0.54	48.32 3.43 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.80 2.42 -16.82	37.37 2.19 -9.09	26.37 2.07 0.01	24.34 2.01 0.00	29.13 2.06 -2.80
GOWANUS_GT1_2 24078	29.64 1.94 0.00	30.68 2.25 -0.01	27.29 1.62 0.00	27.45 1.55 0.00	28.21 1.60 0.00	30.63 1.95 0.00	39.81 2.53 0.00	45.77 3.19 0.00	38.99 2.89 0.00	34.27 2.57 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.35 2.73 0.00	34.81 2.76 0.00	36.23 2.96 0.00	42.65 3.58 -0.54	48.32 3.43 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.80 2.42 -16.82	37.37 2.19 -9.09	26.37 2.07 0.01	24.34 2.01 0.00	29.13 2.06 -2.80
GOWANUS_GT1_3 24079	29.64 1.94 0.00	30.68 2.25 -0.01	27.29 1.62 0.00	27.45 1.55 0.00	28.21 1.60 0.00	30.63 1.95 0.00	39.81 2.53 0.00	45.77 3.19 0.00	38.99 2.89 0.00	34.27 2.57 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.35 2.73 0.00	34.81 2.76 0.00	36.23 2.96 0.00	42.65 3.58 -0.54	48.32 3.43 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.80 2.42 -16.82	37.37 2.19 -9.09	26.37 2.07 0.01	24.34 2.01 0.00	29.13 2.06 -2.80
GOWANUS_GT1_4 24080	29.64 1.94 0.00	30.68 2.25 -0.01	27.29 1.62 0.00	27.45 1.55 0.00	28.21 1.60 0.00	30.63 1.95 0.00	39.81 2.53 0.00	45.77 3.19 0.00	38.99 2.89 0.00	34.27 2.57 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.35 2.73 0.00	34.81 2.76 0.00	36.23 2.96 0.00	42.65 3.58 -0.54	48.32 3.43 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.80 2.42 -16.82	37.37 2.19 -9.09	26.37 2.07 0.01	24.34 2.01 0.00	29.13 2.06 -2.80
GOWANUS_GT1_5 24084	29.64 1.94 0.00	30.68 2.25 -0.01	27.29 1.62 0.00	27.45 1.55 0.00	28.21 1.60 0.00	30.63 1.95 0.00	39.81 2.53 0.00	45.77 3.19 0.00	38.99 2.89 0.00	34.27 2.57 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.35 2.73 0.00	34.81 2.76 0.00	36.23 2.96 0.00	42.65 3.58 -0.54	48.32 3.43 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.80 2.42 -16.82	37.37 2.19 -9.09	26.37 2.07 0.01	24.34 2.01 0.00	29.13 2.06 -2.80
GOWANUS_GT1_6 24111	29.64 1.94 0.00	30.68 2.25 -0.01	27.29 1.62 0.00	27.45 1.55 0.00	28.21 1.60 0.00	30.63 1.95 0.00	39.81 2.53 0.00	45.77 3.19 0.00	38.99 2.89 0.00	34.27 2.57 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.35 2.73 0.00	34.81 2.76 0.00	36.23 2.96 0.00	42.65 3.58 -0.54	48.32 3.43 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.80 2.42 -16.82	37.37 2.19 -9.09	26.37 2.07 0.01	24.34 2.01 0.00	29.13 2.06 -2.80
GOWANUS_GT1_7 24112	29.64 1.94 0.00	30.68 2.25 -0.01	27.29 1.62 0.00	27.45 1.55 0.00	28.21 1.60 0.00	30.63 1.95 0.00	39.81 2.53 0.00	45.77 3.19 0.00	38.99 2.89 0.00	34.27 2.57 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.35 2.73 0.00	34.81 2.76 0.00	36.23 2.96 0.00	42.65 3.58 -0.54	48.32 3.43 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.80 2.42 -16.82	37.37 2.19 -9.09	26.37 2.07 0.01	24.34 2.01 0.00	29.13 2.06 -2.80
GOWANUS_GT1_8 24113	29.64 1.94 0.00	30.68 2.25 -0.01	27.29 1.62 0.00	27.45 1.55 0.00	28.21 1.60 0.00	30.63 1.95 0.00	39.81 2.53 0.00	45.77 3.19 0.00	38.99 2.89 0.00	34.27 2.57 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.35 2.73 0.00	34.81 2.76 0.00	36.23 2.96 0.00	42.65 3.58 -0.54	48.32 3.43 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.80 2.42 -16.82	37.37 2.19 -9.09	26.37 2.07 0.01	24.34 2.01 0.00	29.13 2.06 -2.80
GOWANUS_GT2_1 24114	29.64 1.94 0.00	30.66 2.22 -0.02	27.29 1.62 0.00	27.42 1.53 0.00	28.24 1.62 0.00	30.63 1.95 0.00	39.85 2.57 0.00	45.72 3.15 0.00	39.06 2.96 0.00	34.27 2.57 0.00	33.81 2.65 0.00	32.27 2.53 0.00	33.32 2.70 0.00	34.88 2.82 0.00	36.20 2.93 0.00	42.65 3.58 -0.54	48.28 3.40 -6.72	55.64 3.79 -8.84	50.47 3.10 -13.32	45.74 2.36 -16.82	37.34 2.16 -9.09	34.25 2.11 -7.82	29.10 1.94 -4.83	29.11 2.04 -2.80
GOWANUS_GT2_2 24115	29.64 1.94 0.00	30.66 2.22 -0.02	27.29 1.62 0.00	27.42 1.53 0.00	28.24 1.62 0.00	30.63 1.95 0.00	39.85 2.57 0.00	45.72 3.15 0.00	39.06 2.96 0.00	34.27 2.57 0.00	33.81 2.65 0.00	32.27 2.53 0.00	33.32 2.70 0.00	34.88 2.82 0.00	36.20 2.93 0.00	42.65 3.58 -0.54	48.28 3.40 -6.72	55.64 3.79 -8.84	50.47 3.10 -13.32	45.74 2.36 -16.82	37.34 2.16 -9.09	34.25 2.11 -7.82	29.10 1.94 -4.83	29.11 2.04 -2.80
GOWANUS_GT2_3 24116	29.64 1.94 0.00	30.66 2.22 -0.02	27.29 1.62 0.00	27.42 1.53 0.00	28.24 1.62 0.00	30.63 1.95 0.00	39.85 2.57 0.00	45.72 3.15 0.00	39.06 2.96 0.00	34.27 2.57 0.00	33.81 2.65 0.00	32.27 2.53 0.00	33.32 2.70 0.00	34.88 2.82 0.00	36.20 2.93 0.00	42.65 3.58 -0.54	48.28 3.40 -6.72	55.64 3.79 -8.84	50.47 3.10 -13.32	45.74 2.36 -16.82	37.34 2.16 -9.09	34.25 2.11 -7.82	29.10 1.94 -4.83	29.11 2.04 -2.80

GOWANUS_GT2_4 24117	29.64 1.94 0.00	30.66 2.22 -0.02	27.29 1.62 0.00	27.42 1.53 0.00	28.24 1.62 0.00	30.63 1.95 0.00	39.85 2.57 0.00	45.72 3.15 0.00	39.06 2.96 0.00	34.27 2.57 0.00	33.81 2.65 0.00	32.27 2.53 0.00	33.32 2.70 0.00	34.88 2.82 0.00	36.20 2.93 0.00	42.65 3.58 -0.54	48.28 3.40 -6.72	55.64 3.79 -8.84	50.47 3.10 -13.32	45.74 2.36 -16.82	37.34 2.16 -9.09	34.25 2.11 -7.82	29.10 1.94 -4.83	29.11 2.04 -2.80
GOWANUS_GT2_5 24118	29.64 1.94 0.00	30.66 2.22 -0.02	27.29 1.62 0.00	27.42 1.53 0.00	28.24 1.62 0.00	30.63 1.95 0.00	39.85 2.57 0.00	45.72 3.15 0.00	39.06 2.96 0.00	34.27 2.57 0.00	33.81 2.65 0.00	32.27 2.53 0.00	33.32 2.70 0.00	34.88 2.82 0.00	36.20 2.93 0.00	42.65 3.58 -0.54	48.28 3.40 -6.72	55.64 3.79 -8.84	50.47 3.10 -13.32	45.74 2.36 -16.82	37.34 2.16 -9.09	34.25 2.11 -7.82	29.10 1.94 -4.83	29.11 2.04 -2.80
GOWANUS_GT2_6 24119	29.64 1.94 0.00	30.66 2.22 -0.02	27.29 1.62 0.00	27.42 1.53 0.00	28.24 1.62 0.00	30.63 1.95 0.00	39.85 2.57 0.00	45.72 3.15 0.00	39.06 2.96 0.00	34.27 2.57 0.00	33.81 2.65 0.00	32.27 2.53 0.00	33.32 2.70 0.00	34.88 2.82 0.00	36.20 2.93 0.00	42.65 3.58 -0.54	48.28 3.40 -6.72	55.64 3.79 -8.84	50.47 3.10 -13.32	45.74 2.36 -16.82	37.34 2.16 -9.09	34.25 2.11 -7.82	29.10 1.94 -4.83	29.11 2.04 -2.80
GOWANUS_GT2_7 24120	29.64 1.94 0.00	30.66 2.22 -0.02	27.29 1.62 0.00	27.42 1.53 0.00	28.24 1.62 0.00	30.63 1.95 0.00	39.85 2.57 0.00	45.72 3.15 0.00	39.06 2.96 0.00	34.27 2.57 0.00	33.81 2.65 0.00	32.27 2.53 0.00	33.32 2.70 0.00	34.88 2.82 0.00	36.20 2.93 0.00	42.65 3.58 -0.54	48.28 3.40 -6.72	55.64 3.79 -8.84	50.47 3.10 -13.32	45.74 2.36 -16.82	37.34 2.16 -9.09	34.25 2.11 -7.82	29.10 1.94 -4.83	29.11 2.04 -2.80
GOWANUS_GT2_8 24121	29.64 1.94 0.00	30.66 2.22 -0.02	27.29 1.62 0.00	27.42 1.53 0.00	28.24 1.62 0.00	30.63 1.95 0.00	39.85 2.57 0.00	45.72 3.15 0.00	39.06 2.96 0.00	34.27 2.57 0.00	33.81 2.65 0.00	32.27 2.53 0.00	33.32 2.70 0.00	34.88 2.82 0.00	36.20 2.93 0.00	42.65 3.58 -0.54	48.28 3.40 -6.72	55.64 3.79 -8.84	50.47 3.10 -13.32	45.74 2.36 -16.82	37.34 2.16 -9.09	34.25 2.11 -7.82	29.10 1.94 -4.83	29.11 2.04 -2.80
GOWANUS_GT3_1 24122	29.64 1.94 0.00	30.69 2.25 -0.02	27.29 1.62 0.00	27.45 1.55 0.00	28.24 1.62 0.00	30.63 1.95 0.00	39.85 2.57 0.00	45.77 3.19 0.00	39.06 2.96 0.00	34.27 2.57 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.35 2.72 0.00	34.91 2.85 0.00	36.23 2.96 0.00	42.69 3.62 -0.54	48.28 3.40 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.77 2.39 -16.82	37.34 2.16 -9.09	34.28 2.14 -7.82	29.13 1.97 -4.83	29.11 2.04 -2.80
GOWANUS_GT3_2 24123	29.64 1.94 0.00	30.69 2.25 -0.02	27.29 1.62 0.00	27.45 1.55 0.00	28.24 1.62 0.00	30.63 1.95 0.00	39.85 2.57 0.00	45.77 3.19 0.00	39.06 2.96 0.00	34.27 2.57 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.35 2.72 0.00	34.91 2.85 0.00	36.23 2.96 0.00	42.69 3.62 -0.54	48.28 3.40 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.77 2.39 -16.82	37.34 2.16 -9.09	34.28 2.14 -7.82	29.13 1.97 -4.83	29.11 2.04 -2.80
GOWANUS_GT3_3 24124	29.64 1.94 0.00	30.69 2.25 -0.02	27.29 1.62 0.00	27.45 1.55 0.00	28.24 1.62 0.00	30.63 1.95 0.00	39.85 2.57 0.00	45.77 3.19 0.00	39.06 2.96 0.00	34.27 2.57 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.35 2.72 0.00	34.91 2.85 0.00	36.23 2.96 0.00	42.69 3.62 -0.54	48.28 3.40 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.77 2.39 -16.82	37.34 2.16 -9.09	34.28 2.14 -7.82	29.13 1.97 -4.83	29.11 2.04 -2.80
GOWANUS_GT3_4 24125	29.64 1.94 0.00	30.69 2.25 -0.02	27.29 1.62 0.00	27.45 1.55 0.00	28.24 1.62 0.00	30.63 1.95 0.00	39.85 2.57 0.00	45.77 3.19 0.00	39.06 2.96 0.00	34.27 2.57 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.35 2.72 0.00	34.91 2.85 0.00	36.23 2.96 0.00	42.69 3.62 -0.54	48.28 3.40 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.77 2.39 -16.82	37.34 2.16 -9.09	34.28 2.14 -7.82	29.13 1.97 -4.83	29.11 2.04 -2.80
GOWANUS_GT3_5 24126	29.64 1.94 0.00	30.69 2.25 -0.02	27.29 1.62 0.00	27.45 1.55 0.00	28.24 1.62 0.00	30.63 1.95 0.00	39.85 2.57 0.00	45.77 3.19 0.00	39.06 2.96 0.00	34.27 2.57 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.35 2.72 0.00	34.91 2.85 0.00	36.23 2.96 0.00	42.69 3.62 -0.54	48.28 3.40 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.77 2.39 -16.82	37.34 2.16 -9.09	34.28 2.14 -7.82	29.13 1.97 -4.83	29.11 2.04 -2.80
GOWANUS_GT3_6 24127	29.64 1.94 0.00	30.69 2.25 -0.02	27.29 1.62 0.00	27.45 1.55 0.00	28.24 1.62 0.00	30.63 1.95 0.00	39.85 2.57 0.00	45.77 3.19 0.00	39.06 2.96 0.00	34.27 2.57 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.35 2.72 0.00	34.91 2.85 0.00	36.23 2.96 0.00	42.69 3.62 -0.54	48.28 3.40 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.77 2.39 -16.82	37.34 2.16 -9.09	34.28 2.14 -7.82	29.13 1.97 -4.83	29.11 2.04 -2.80
GOWANUS_GT3_7 24128	29.64 1.94 0.00	30.69 2.25 -0.02	27.29 1.62 0.00	27.45 1.55 0.00	28.24 1.62 0.00	30.63 1.95 0.00	39.85 2.57 0.00	45.77 3.19 0.00	39.06 2.96 0.00	34.27 2.57 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.35 2.72 0.00	34.91 2.85 0.00	36.23 2.96 0.00	42.69 3.62 -0.54	48.28 3.40 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.77 2.39 -16.82	37.34 2.16 -9.09	34.28 2.14 -7.82	29.13 1.97 -4.83	29.11 2.04 -2.80
GOWANUS_GT3_8 24129	29.64 1.94 0.00	30.69 2.25 -0.02	27.29 1.62 0.00	27.45 1.55 0.00	28.24 1.62 0.00	30.63 1.95 0.00	39.85 2.57 0.00	45.77 3.19 0.00	39.06 2.96 0.00	34.27 2.57 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.35 2.72 0.00	34.91 2.85 0.00	36.23 2.96 0.00	42.69 3.62 -0.54	48.28 3.40 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.77 2.39 -16.82	37.34 2.16 -9.09	34.28 2.14 -7.82	29.13 1.97 -4.83	29.11 2.04 -2.80
GOWANUS_GT4_1 24130	29.64 1.94 0.00	30.68 2.25 -0.01	27.29 1.62 0.00	27.42 1.53 0.00	28.21 1.60 0.00	30.63 1.95 0.00	39.81 2.53 0.00	45.77 3.19 0.00	38.99 2.89 0.00	34.24 2.54 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.32 2.69 0.00	34.78 2.72 0.00	36.20 2.93 0.00	42.65 3.58 -0.54	48.28 3.40 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.77 2.39 -16.82	37.34 2.17 -9.09	26.35 2.04 0.01	24.32 1.99 0.00	29.13 2.06 -2.80
GOWANUS_GT4_2 24131	29.64 1.94 0.00	30.68 2.25 -0.01	27.29 1.62 0.00	27.42 1.53 0.00	28.21 1.60 0.00	30.63 1.95 0.00	39.81 2.53 0.00	45.77 3.19 0.00	38.99 2.89 0.00	34.24 2.54 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.32 2.69 0.00	34.78 2.72 0.00	36.20 2.93 0.00	42.65 3.58 -0.54	48.28 3.40 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.77 2.39 -16.82	37.34 2.17 -9.09	26.35 2.04 0.01	24.32 1.99 0.00	29.13 2.06 -2.80

GOWANUS_GT4_3 24132	29.64 1.94 0.00	30.68 2.25 -0.01	27.29 1.62 0.00	27.42 1.53 0.00	28.21 1.60 0.00	30.63 1.95 0.00	39.81 2.53 0.00	45.77 3.19 0.00	38.99 2.89 0.00	34.24 2.54 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.32 2.69 0.00	34.78 2.72 0.00	36.20 2.93 0.00	42.65 3.58 -0.54	48.28 3.40 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.77 2.39 -16.82	37.34 2.17 -9.09	26.35 2.04 0.01	24.32 1.99 0.00	29.13 2.06 -2.80
GOWANUS_GT4_4 24133	29.64 1.94 0.00	30.68 2.25 -0.01	27.29 1.62 0.00	27.42 1.53 0.00	28.21 1.60 0.00	30.63 1.95 0.00	39.81 2.53 0.00	45.77 3.19 0.00	38.99 2.89 0.00	34.24 2.54 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.32 2.69 0.00	34.78 2.72 0.00	36.20 2.93 0.00	42.65 3.58 -0.54	48.28 3.40 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.77 2.39 -16.82	37.34 2.17 -9.09	26.35 2.04 0.01	24.32 1.99 0.00	29.13 2.06 -2.80
GOWANUS_GT4_5 24134	29.64 1.94 0.00	30.68 2.25 -0.01	27.29 1.62 0.00	27.42 1.53 0.00	28.21 1.60 0.00	30.63 1.95 0.00	39.81 2.53 0.00	45.77 3.19 0.00	38.99 2.89 0.00	34.24 2.54 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.32 2.69 0.00	34.78 2.72 0.00	36.20 2.93 0.00	42.65 3.58 -0.54	48.28 3.40 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.77 2.39 -16.82	37.34 2.17 -9.09	26.35 2.04 0.01	24.32 1.99 0.00	29.13 2.06 -2.80
GOWANUS_GT4_6 24135	29.64 1.94 0.00	30.68 2.25 -0.01	27.29 1.62 0.00	27.42 1.53 0.00	28.21 1.60 0.00	30.63 1.95 0.00	39.81 2.53 0.00	45.77 3.19 0.00	38.99 2.89 0.00	34.24 2.54 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.32 2.69 0.00	34.78 2.72 0.00	36.20 2.93 0.00	42.65 3.58 -0.54	48.28 3.40 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.77 2.39 -16.82	37.34 2.17 -9.09	26.35 2.04 0.01	24.32 1.99 0.00	29.13 2.06 -2.80
GOWANUS_GT4_7 24136	29.64 1.94 0.00	30.68 2.25 -0.01	27.29 1.62 0.00	27.42 1.53 0.00	28.21 1.60 0.00	30.63 1.95 0.00	39.81 2.53 0.00	45.77 3.19 0.00	38.99 2.89 0.00	34.24 2.54 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.32 2.69 0.00	34.78 2.72 0.00	36.20 2.93 0.00	42.65 3.58 -0.54	48.28 3.40 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.77 2.39 -16.82	37.34 2.17 -9.09	26.35 2.04 0.01	24.32 1.99 0.00	29.13 2.06 -2.80
GOWANUS_GT4_8 24137	29.64 1.94 0.00	30.68 2.25 -0.01	27.29 1.62 0.00	27.42 1.53 0.00	28.21 1.60 0.00	30.63 1.95 0.00	39.81 2.53 0.00	45.77 3.19 0.00	38.99 2.89 0.00	34.24 2.54 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.32 2.69 0.00	34.78 2.72 0.00	36.20 2.93 0.00	42.65 3.58 -0.54	48.28 3.40 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.77 2.39 -16.82	37.34 2.17 -9.09	26.35 2.04 0.01	24.32 1.99 0.00	29.13 2.06 -2.80
GREENBSH_115KV_TB3 55895	28.09 0.39 0.00	28.88 0.45 0.00	26.01 0.33 0.00	26.21 0.31 0.00	26.91 0.29 0.00	29.11 0.43 0.00	37.91 0.63 0.00	43.38 0.81 0.00	36.82 0.72 0.00	32.14 0.44 0.00	31.60 0.44 0.00	30.13 0.39 0.00	31.05 0.43 0.00	32.51 0.45 0.00	33.90 0.63 0.00	40.02 0.89 -0.61	46.66 0.88 -7.62	54.07 1.03 -10.02	49.94 0.78 -15.11	46.24 0.61 -19.06	37.01 0.63 -10.30	24.82 0.51 0.00	22.78 0.45 0.00	27.85 0.41 -3.17
GREENDGE_115KV_TB5 80291	27.59 -0.11 0.00	28.06 -0.37 0.00	25.57 -0.10 0.00	25.84 -0.05 0.00	26.61 0.00 0.00	28.88 0.20 0.00	37.54 0.26 0.00	42.49 -0.09 0.00	36.17 0.07 0.00	31.99 0.29 0.00	31.44 0.28 0.00	30.07 0.33 0.00	30.80 0.18 0.00	32.25 0.19 0.00	33.20 -0.07 0.00	37.82 -0.81 -0.11	38.85 -0.61 -1.30	44.16 -0.56 -1.71	36.59 -0.03 -2.57	29.80 -0.11 -3.35	27.71 -0.18 -1.81	23.95 -0.32 0.05	21.98 -0.36 0.00	24.44 -0.39 -0.56
GREENIDGE___3 23582	27.59 -0.11 0.00	28.06 -0.37 0.00	25.57 -0.10 0.00	25.84 -0.05 0.00	26.61 0.00 0.00	28.88 0.20 0.00	37.54 0.26 0.00	42.49 -0.09 0.00	36.17 0.07 0.00	31.99 0.29 0.00	31.44 0.28 0.00	30.07 0.33 0.00	30.80 0.18 0.00	32.25 0.19 0.00	33.20 -0.07 0.00	37.82 -0.81 -0.11	38.85 -0.61 -1.30	44.16 -0.56 -1.71	36.59 -0.03 -2.57	29.80 -0.11 -3.35	27.71 -0.18 -1.81	23.95 -0.32 0.05	21.98 -0.36 0.00	24.44 -0.39 -0.56
GREENIDGE___4 23583	27.59 -0.11 0.00	28.06 -0.37 0.00	25.57 -0.10 0.00	25.84 -0.05 0.00	26.59 -0.03 0.00	28.89 0.20 0.00	37.50 0.23 0.00	42.49 -0.08 0.00	36.06 -0.04 0.00	31.98 0.28 0.00	31.41 0.25 0.00	30.07 0.33 0.00	30.81 0.18 0.00	32.15 0.10 0.00	33.20 -0.07 0.00	38.09 -0.54 -0.11	38.85 -0.61 -1.30	44.16 -0.56 -1.71	36.59 -0.03 -2.57	29.80 -0.11 -3.35	27.69 -0.21 -1.81	25.39 -0.44 -1.51	22.82 -0.47 -0.96	24.41 -0.41 -0.56
GREENLWN_69_KV_BK 3 55738	33.68 2.13 -3.84	30.91 2.47 -0.01	27.60 1.90 -0.02	27.92 1.86 -0.16	28.97 1.92 -0.44	31.12 2.41 -0.02	39.37 2.09 0.00	45.60 3.02 0.00	38.63 2.53 0.00	34.76 3.04 -0.01	36.07 2.87 -2.05	36.62 2.65 -4.23	35.42 2.94 -1.86	36.49 2.92 -1.52	36.59 3.16 -0.16	42.53 3.47 -0.54	48.48 3.59 -6.73	61.12 4.00 -14.11	52.96 3.24 -15.67	49.07 2.55 -19.96	38.26 2.45 -9.72	29.33 2.24 -2.79	29.23 2.23 -4.66	32.67 2.23 -6.17
GREENWD_138_KV_38B11_REV_LBMP_J 345004	29.64 1.94 0.00	30.68 2.25 -0.01	27.29 1.62 0.00	27.45 1.55 0.00	28.21 1.60 0.00	30.63 1.95 0.00	39.81 2.53 0.00	45.77 3.19 0.00	38.99 2.89 0.00	34.27 2.57 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.35 2.73 0.00	34.81 2.76 0.00	36.23 2.96 0.00	42.65 3.58 -0.54	48.32 3.43 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.80 2.42 -16.82	37.37 2.19 -9.09	26.37 2.07 0.01	24.34 2.01 0.00	29.13 2.06 -2.80
GRISSOM___SOLAR 323813	29.34 1.63 0.00	30.13 1.71 0.00	27.11 1.44 0.00	27.34 1.45 0.00	28.16 1.54 0.00	30.58 1.89 0.00	39.93 2.65 0.00	45.55 2.98 0.00	38.48 2.38 0.00	33.57 1.87 0.00	32.94 1.78 0.00	31.17 1.43 0.00	32.03 1.41 0.00	33.66 1.60 0.00	35.03 1.76 0.00	41.66 2.47 -0.67	49.00 2.52 -8.32	57.01 3.05 -10.94	53.00 2.45 -16.49	49.27 1.89 -20.82	39.14 1.80 -11.25	35.51 1.51 -9.69	29.65 1.34 -5.98	29.02 1.29 -3.47
GROVEVILLE___HYD 323602	29.20 1.50 0.00	30.07 1.65 0.00	26.99 1.31 0.00	27.16 1.27 0.00	27.94 1.33 0.00	30.43 1.75 0.00	39.59 2.31 0.00	45.51 2.94 0.00	38.70 2.60 0.00	33.86 2.16 0.00	33.34 2.18 0.00	31.74 1.99 0.00	32.83 2.20 0.00	34.30 2.24 0.00	35.80 2.53 0.00	42.15 3.08 -0.54	48.00 3.09 -6.75	55.29 3.40 -8.88	50.19 2.76 -13.38	45.58 2.12 -16.90	37.23 2.01 -9.13	26.03 1.73 0.01	23.99 1.65 0.00	28.68 1.60 -2.81
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	27.56 -0.14 0.00	28.20 -0.23 0.00	25.52 -0.15 0.00	25.74 -0.16 0.00	26.48 -0.13 0.00	28.45 -0.23 0.00	36.98 -0.30 0.00	42.28 -0.30 0.00	35.81 -0.29 0.00	31.54 -0.16 0.00	31.00 -0.16 0.00	29.66 -0.09 0.00	30.47 -0.15 0.00	31.90 -0.16 0.00	33.00 -0.27 0.00	38.12 -0.46 -0.06	38.49 -0.38 -0.71	43.61 -0.34 -0.94	35.22 -0.24 -1.41	28.13 -0.21 -1.78	26.84 -0.21 -0.96	24.17 -0.15 0.00	22.20 -0.13 0.00	24.44 -0.12 -0.30

HAMLTNNY_34_KV_TB 80303	27.56 -0.14 0.00	28.17 -0.26 0.00	25.52 -0.15 0.00	25.74 -0.16 0.00	26.48 -0.13 0.00	28.48 -0.20 0.00	37.02 -0.26 0.00	42.28 -0.30 0.00	35.85 -0.25 0.00	31.57 -0.13 0.00	31.04 -0.12 0.00	29.69 -0.06 0.00	30.50 -0.12 0.00	31.93 -0.13 0.00	33.04 -0.23 0.00	38.12 -0.46 -0.06	38.57 -0.34 -0.75	43.66 -0.34 -0.99	35.34 -0.20 -1.49	28.26 -0.19 -1.88	26.92 -0.18 -1.02	24.17 -0.15 0.00	22.20 -0.13 0.00	24.46 -0.12 -0.31
HAMPSHIRE___PAPER_HYD 323593	28.20 0.50 0.00	29.11 0.68 0.00	26.19 0.51 0.00	26.60 0.70 0.00	27.49 0.88 0.00	29.69 1.00 0.00	38.69 1.42 0.00	43.98 1.40 0.00	36.96 0.86 0.00	32.62 0.92 0.00	32.00 0.84 0.00	30.40 0.65 0.00	31.29 0.67 0.00	32.79 0.74 0.00	33.90 0.63 0.00	39.12 0.58 -0.02	38.48 0.08 -0.24	43.24 -0.09 -0.31	33.91 -0.61 -0.47	26.71 -0.45 -0.60	25.94 -0.47 -0.32	24.08 -0.51 -0.28	21.92 -0.58 -0.17	23.69 -0.68 -0.10
HARDSCRABBLE_WT_PWR 323673	28.20 0.50 0.00	28.94 0.51 0.00	26.09 0.41 0.00	26.34 0.44 0.00	27.07 0.45 0.00	29.17 0.49 0.00	37.95 0.67 0.00	43.30 0.72 0.00	36.71 0.61 0.00	32.27 0.57 0.00	31.75 0.59 0.00	30.34 0.59 0.00	31.26 0.64 0.00	32.73 0.67 0.00	33.87 0.60 0.00	39.11 0.58 -0.01	38.57 0.30 -0.10	43.31 0.17 -0.13	34.11 -0.14 -0.19	26.65 -0.16 -0.24	25.98 -0.24 -0.13	24.18 -0.24 -0.11	22.22 -0.18 -0.07	24.09 -0.22 -0.04
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	29.12 1.41 0.00	29.99 1.56 0.00	26.88 1.21 0.00	27.09 1.19 0.00	27.84 1.22 0.00	30.35 1.66 0.00	39.48 2.20 0.00	45.38 2.81 0.00	38.59 2.49 0.00	33.82 2.12 0.00	33.34 2.18 0.00	31.74 1.99 0.00	32.83 2.20 0.00	34.27 2.21 0.00	35.73 2.46 0.00	42.05 3.00 -0.52	47.72 3.05 -6.50	54.96 3.40 -8.55	49.70 2.76 -12.89	44.99 2.15 -16.27	36.89 2.01 -8.79	26.06 1.75 0.01	23.99 1.65 0.00	28.55 1.58 -2.71
HARSNRAD_115KV_TB1 81005	26.01 -1.69 0.00	26.24 -2.19 0.00	24.16 -1.51 0.00	24.45 -1.45 0.00	25.20 -1.41 0.00	27.31 -1.38 0.00	34.97 -2.31 0.00	39.42 -3.15 0.00	33.46 -2.64 0.00	29.96 -1.74 0.00	29.60 -1.56 0.00	28.50 -1.25 0.00	29.03 -1.59 0.00	30.42 -1.63 0.00	30.91 -2.36 0.00	35.01 -3.58 -0.07	35.51 -3.47 -0.81	40.17 -3.91 -1.07	32.94 -2.72 -1.61	26.98 -2.02 -2.43	25.52 -1.88 -1.31	22.16 -1.97 0.18	20.64 -1.70 0.00	23.12 -1.55 -0.40
HARZA MOOSE___RIVER 24016	28.39 0.69 0.00	29.16 0.74 0.00	26.29 0.62 0.00	26.62 0.73 0.00	27.47 0.85 0.00	29.63 0.95 0.00	38.69 1.42 0.00	44.19 1.62 0.00	37.33 1.23 0.00	32.78 1.08 0.00	32.13 0.97 0.00	30.67 0.92 0.00	31.54 0.92 0.00	33.08 1.03 0.00	34.20 0.93 0.00	39.62 1.08 -0.02	39.19 0.76 -0.26	44.30 0.95 -0.34	35.04 0.48 -0.52	27.53 0.32 -0.65	26.70 0.26 -0.35	24.53 0.22 0.00	22.42 0.09 0.00	24.45 0.07 -0.11
HDSNBRDG_115KV_BRDG_TB1 355580	27.34 -0.36 0.00	28.00 -0.43 0.00	25.34 -0.33 0.00	25.56 -0.34 0.00	26.29 -0.32 0.00	28.25 -0.43 0.00	36.72 -0.56 0.00	41.94 -0.64 0.00	35.56 -0.54 0.00	31.32 -0.38 0.00	30.82 -0.34 0.00	29.45 -0.30 0.00	30.25 -0.37 0.00	31.67 -0.38 0.00	32.77 -0.50 0.00	37.88 -0.69 -0.05	38.20 -0.61 -0.65	43.22 -0.65 -0.85	34.89 -0.44 -1.28	27.81 -0.37 -1.62	26.59 -0.37 -0.87	24.02 -0.29 0.00	22.07 -0.27 0.00	24.29 -0.24 -0.27
HELLGATE_13_KV_LD 55870	29.48 1.77 0.00	30.47 2.05 0.00	27.16 1.49 0.00	27.32 1.42 0.00	28.08 1.46 0.00	30.49 1.81 0.00	39.59 2.31 0.00	45.51 2.94 0.00	38.84 2.74 0.00	34.14 2.44 0.00	33.72 2.56 0.00	32.16 2.41 0.00	33.22 2.60 0.00	34.69 2.63 0.00	36.10 2.83 0.00	42.46 3.39 -0.54	48.09 3.21 -6.72	55.38 3.53 -8.84	50.27 2.89 -13.32	45.61 2.23 -16.82	37.26 2.09 -9.09	26.23 1.92 0.01	24.23 1.90 0.00	29.03 1.97 -2.80
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	29.48 1.77 0.00	30.47 2.05 0.00	27.16 1.49 0.00	27.32 1.42 0.00	28.08 1.46 0.00	30.49 1.81 0.00	39.59 2.31 0.00	45.51 2.94 0.00	38.84 2.74 0.00	34.14 2.44 0.00	33.72 2.56 0.00	32.16 2.41 0.00	33.22 2.60 0.00	34.69 2.63 0.00	36.10 2.83 0.00	42.46 3.39 -0.54	48.09 3.21 -6.72	55.38 3.53 -8.84	50.27 2.89 -13.32	45.61 2.23 -16.82	37.26 2.09 -9.09	26.23 1.92 0.01	24.23 1.90 0.00	29.03 1.97 -2.80
HEMPSTEAD____ 23647	32.98 2.00 -3.28	30.74 2.30 -0.01	27.41 1.72 -0.02	27.71 1.68 -0.13	28.74 1.76 -0.37	30.91 2.21 -0.02	39.81 2.54 0.00	45.81 3.23 0.00	38.99 2.89 0.00	34.57 2.85 -0.01	36.48 2.84 -2.49	37.53 2.65 -5.13	35.76 2.88 -2.26	36.88 2.98 -1.84	36.59 3.13 -0.19	42.73 3.66 -0.54	48.59 3.70 -6.73	62.38 4.13 -15.24	53.57 3.34 -16.17	49.78 2.58 -20.64	38.41 2.48 -9.84	37.74 2.28 -11.15	33.20 2.05 -8.81	32.03 2.09 -5.67
HEWLETT_69_KV_BK3 55828	33.44 2.27 -3.47	30.97 2.53 -0.01	27.64 1.95 -0.02	27.95 1.92 -0.14	28.97 1.97 -0.39	31.17 2.47 -0.02	39.92 2.65 0.00	46.11 3.53 0.00	39.17 3.07 0.00	34.82 3.11 -0.01	37.02 3.12 -2.75	38.37 2.94 -5.68	36.27 3.15 -2.49	37.30 3.21 -2.04	36.94 3.46 -0.21	43.03 3.97 -0.54	48.90 4.01 -6.73	63.40 4.47 -15.91	54.14 3.61 -16.47	50.42 2.82 -21.04	38.71 2.71 -9.91	30.40 2.48 -3.61	28.87 2.32 -4.21	32.46 2.35 -5.84
HICKLING___1 23621	27.65 -0.06 0.00	28.11 -0.31 0.00	25.65 -0.03 0.00	25.92 0.03 0.00	26.69 0.08 0.00	29.03 0.34 0.00	37.65 0.37 0.00	42.83 0.26 0.00	36.17 0.07 0.00	32.08 0.38 0.00	31.57 0.41 0.00	30.25 0.51 0.00	30.96 0.34 0.00	32.41 0.35 0.00	33.30 0.03 0.00	37.97 -0.69 -0.14	39.33 -0.50 -1.66	44.73 -0.47 -2.19	37.08 -0.27 -3.30	30.58 -0.29 -4.31	28.08 -0.34 -2.33	23.76 -0.49 0.07	21.84 -0.49 0.00	24.45 -0.53 -0.72
HICKLING___2 23622	27.65 -0.06 0.00	28.11 -0.31 0.00	25.65 -0.03 0.00	25.92 0.03 0.00	26.69 0.08 0.00	29.03 0.34 0.00	37.65 0.37 0.00	42.83 0.26 0.00	36.17 0.07 0.00	32.08 0.38 0.00	31.57 0.41 0.00	30.25 0.51 0.00	30.96 0.34 0.00	32.41 0.35 0.00	33.30 0.03 0.00	37.97 -0.69 -0.14	39.33 -0.50 -1.66	44.73 -0.47 -2.19	37.08 -0.27 -3.30	30.58 -0.29 -4.31	28.08 -0.34 -2.33	23.76 -0.49 0.07	21.84 -0.49 0.00	24.45 -0.53 -0.72
HIGH FALLS___HY 23754	29.17 1.47 0.00	30.05 1.62 0.00	26.96 1.28 0.00	27.14 1.24 0.00	27.92 1.30 0.00	30.40 1.72 0.00	39.59 2.31 0.00	45.38 2.81 0.00	38.59 2.49 0.00	33.76 2.06 0.00	33.25 2.09 0.00	31.65 1.90 0.00	32.73 2.11 0.00	34.20 2.15 0.00	35.67 2.40 0.00	41.99 2.93 -0.54	47.91 3.02 -6.73	55.14 3.27 -8.86	50.10 2.69 -13.35	45.49 2.07 -16.86	37.13 1.93 -9.11	26.01 1.70 0.01	23.96 1.63 0.00	28.65 1.58 -2.81
HIGH_RIVER___SOLAR 323847	28.84 1.14 0.00	29.62 1.19 0.00	26.68 1.00 0.00	26.90 1.01 0.00	27.68 1.07 0.00	29.98 1.29 0.00	39.07 1.79 0.00	44.62 2.04 0.00	37.69 1.59 0.00	32.90 1.20 0.00	32.28 1.12 0.00	30.55 0.80 0.00	31.48 0.86 0.00	33.11 1.06 0.00	34.43 1.16 0.00	40.87 1.69 -0.65	48.02 1.79 -8.06	55.77 2.15 -10.60	51.74 1.70 -15.98	48.05 1.33 -20.16	38.26 1.28 -10.90	34.80 1.10 -9.39	29.10 0.98 -5.79	28.57 0.95 -3.36

HILLBURN___GT 23639	29.09 1.38 0.00	29.99 1.56 0.00	26.86 1.18 0.00	27.06 1.17 0.00	27.84 1.22 0.00	30.32 1.63 0.00	39.48 2.20 0.00	45.38 2.81 0.00	38.62 2.53 0.00	33.86 2.16 0.00	33.34 2.18 0.00	31.80 2.05 0.00	32.85 2.23 0.00	34.40 2.34 0.00	35.73 2.46 0.00	42.09 3.04 -0.53	47.78 3.05 -6.56	55.08 3.44 -8.62	49.85 2.79 -13.00	45.13 2.15 -16.41	36.99 2.04 -8.87	33.80 1.85 -7.64	28.67 1.63 -4.71	28.60 1.60 -2.73
HILLSIDE_115KV_TB1 80332	27.37 -0.33 0.00	27.86 -0.57 0.00	25.39 -0.28 0.00	25.69 -0.21 0.00	26.43 -0.19 0.00	28.71 0.03 0.00	37.24 -0.04 0.00	42.32 -0.26 0.00	35.74 -0.36 0.00	31.70 0.00 0.00	31.19 0.03 0.00	29.86 0.12 0.00	30.59 -0.03 0.00	31.99 -0.06 0.00	32.94 -0.33 0.00	37.62 -1.04 -0.14	39.02 -0.88 -1.73	44.43 -0.86 -2.28	36.91 -0.58 -3.43	30.53 -0.50 -4.47	27.96 -0.55 -2.42	23.59 -0.66 0.07	21.73 -0.60 0.00	24.33 -0.68 -0.74
HISHELDN_WT_PWR 323625	26.59 -1.11 0.00	26.86 -1.56 0.00	24.70 -0.98 0.00	25.02 -0.88 0.00	25.68 -0.93 0.00	27.99 -0.69 0.00	35.94 -1.34 0.00	40.66 -1.92 0.00	34.22 -1.88 0.00	30.75 -0.95 0.00	30.38 -0.78 0.00	29.24 -0.51 0.00	29.80 -0.83 0.00	30.97 -1.09 0.00	31.81 -1.46 0.00	36.03 -2.58 -0.09	36.54 -2.63 -1.01	41.37 -2.97 -1.32	33.83 -2.21 -1.99	27.73 -1.75 -2.92	25.86 -1.80 -1.58	23.25 -2.24 -1.17	21.23 -1.94 -0.84	23.10 -1.65 -0.49
HOLTSVILLE_IC_1 23690	33.85 2.27 -3.87	31.05 2.61 -0.01	27.78 2.08 -0.02	28.10 2.05 -0.16	29.19 2.13 -0.44	31.26 2.55 -0.02	39.96 2.69 0.00	46.07 3.49 0.00	38.99 2.89 0.00	34.79 3.07 -0.02	36.20 3.02 -2.02	36.78 2.86 -4.18	35.49 3.03 -1.84	36.73 3.17 -1.50	36.79 3.36 -0.16	42.88 3.81 -0.54	48.98 4.09 -6.72	61.54 4.47 -14.05	53.34 3.65 -15.64	49.38 2.90 -19.93	38.59 2.79 -9.71	37.48 2.58 -10.59	34.14 2.28 -9.53	32.79 2.33 -6.19
HOLTSVILLE_IC_10 23699	33.95 2.38 -3.86	31.17 2.73 -0.01	27.91 2.21 -0.02	28.20 2.15 -0.16	29.32 2.26 -0.44	31.38 2.67 -0.02	40.15 2.87 0.00	46.28 3.70 0.00	39.17 3.07 0.00	34.95 3.23 -0.02	36.40 3.21 -2.03	36.97 3.04 -4.19	35.68 3.21 -1.84	36.93 3.37 -1.51	36.99 3.56 -0.16	43.07 4.01 -0.54	49.24 4.35 -6.72	61.85 4.77 -14.06	53.58 3.88 -15.65	49.58 3.08 -19.94	38.77 2.97 -9.71	37.63 2.72 -10.60	34.24 2.39 -9.52	32.88 2.43 -6.19
HOLTSVILLE_IC_2 23691	33.85 2.27 -3.87	31.05 2.61 -0.01	27.78 2.08 -0.02	28.10 2.05 -0.16	29.19 2.13 -0.44	31.26 2.55 -0.02	39.96 2.69 0.00	46.07 3.49 0.00	38.99 2.89 0.00	34.79 3.07 -0.02	36.20 3.02 -2.02	36.78 2.86 -4.18	35.49 3.03 -1.84	36.73 3.17 -1.50	36.79 3.36 -0.16	42.88 3.81 -0.54	48.98 4.09 -6.72	61.54 4.47 -14.05	53.34 3.65 -15.64	49.38 2.90 -19.93	38.59 2.79 -9.71	37.48 2.58 -10.59	34.14 2.28 -9.53	32.79 2.33 -6.19
HOLTSVILLE_IC_3 23692	33.85 2.27 -3.87	31.05 2.61 -0.01	27.78 2.08 -0.02	28.10 2.05 -0.16	29.19 2.13 -0.44	31.26 2.55 -0.02	39.96 2.69 0.00	46.07 3.49 0.00	38.99 2.89 0.00	34.79 3.07 -0.02	36.20 3.02 -2.02	36.78 2.86 -4.18	35.49 3.03 -1.84	36.73 3.17 -1.50	36.79 3.36 -0.16	42.88 3.81 -0.54	48.98 4.09 -6.72	61.54 4.47 -14.05	53.34 3.65 -15.64	49.38 2.90 -19.93	38.59 2.79 -9.71	37.48 2.58 -10.59	34.14 2.28 -9.53	32.79 2.33 -6.19
HOLTSVILLE_IC_4 23693	33.85 2.27 -3.87	31.05 2.61 -0.01	27.78 2.08 -0.02	28.10 2.05 -0.16	29.19 2.13 -0.44	31.26 2.55 -0.02	39.96 2.69 0.00	46.07 3.49 0.00	38.99 2.89 0.00	34.79 3.07 -0.02	36.20 3.02 -2.02	36.78 2.86 -4.18	35.49 3.03 -1.84	36.73 3.17 -1.50	36.79 3.36 -0.16	42.88 3.81 -0.54	48.98 4.09 -6.72	61.54 4.47 -14.05	53.34 3.65 -15.64	49.38 2.90 -19.93	38.59 2.79 -9.71	37.48 2.58 -10.59	34.14 2.28 -9.53	32.79 2.33 -6.19
HOLTSVILLE_IC_5 23694	33.85 2.27 -3.87	31.05 2.61 -0.01	27.78 2.08 -0.02	28.10 2.05 -0.16	29.19 2.13 -0.44	31.26 2.55 -0.02	39.96 2.69 0.00	46.07 3.49 0.00	38.99 2.89 0.00	34.79 3.07 -0.02	36.20 3.02 -2.02	36.78 2.86 -4.18	35.49 3.03 -1.84	36.73 3.17 -1.50	36.79 3.36 -0.16	42.88 3.81 -0.54	48.98 4.09 -6.72	61.54 4.47 -14.05	53.34 3.65 -15.64	49.38 2.90 -19.93	38.59 2.79 -9.71	37.48 2.58 -10.59	34.14 2.28 -9.53	32.79 2.33 -6.19
HOLTSVILLE_IC_6 23695	33.95 2.38 -3.86	31.17 2.73 -0.01	27.91 2.21 -0.02	28.20 2.15 -0.16	29.32 2.26 -0.44	31.38 2.67 -0.02	40.15 2.87 0.00	46.28 3.70 0.00	39.17 3.07 0.00	34.95 3.23 -0.02	36.40 3.21 -2.03	36.97 3.04 -4.19	35.68 3.21 -1.84	36.93 3.37 -1.51	36.99 3.56 -0.16	43.07 4.01 -0.54	49.24 4.35 -6.72	61.85 4.77 -14.06	53.58 3.88 -15.65	49.58 3.08 -19.94	38.77 2.97 -9.71	37.63 2.72 -10.60	34.24 2.39 -9.52	32.88 2.43 -6.19
HOLTSVILLE_IC_7 23696	33.95 2.38 -3.86	31.17 2.73 -0.01	27.91 2.21 -0.02	28.20 2.15 -0.16	29.32 2.26 -0.44	31.38 2.67 -0.02	40.15 2.87 0.00	46.28 3.70 0.00	39.17 3.07 0.00	34.95 3.23 -0.02	36.40 3.21 -2.03	36.97 3.04 -4.19	35.68 3.21 -1.84	36.93 3.37 -1.51	36.99 3.56 -0.16	43.07 4.01 -0.54	49.24 4.35 -6.72	61.85 4.77 -14.06	53.58 3.88 -15.65	49.58 3.08 -19.94	38.77 2.97 -9.71	37.63 2.72 -10.60	34.24 2.39 -9.52	32.88 2.43 -6.19
HOLTSVILLE_IC_8 23697	33.95 2.38 -3.86	31.17 2.73 -0.01	27.91 2.21 -0.02	28.20 2.15 -0.16	29.32 2.26 -0.44	31.38 2.67 -0.02	40.15 2.87 0.00	46.28 3.70 0.00	39.17 3.07 0.00	34.95 3.23 -0.02	36.40 3.21 -2.03	36.97 3.04 -4.19	35.68 3.21 -1.84	36.93 3.37 -1.51	36.99 3.56 -0.16	43.07 4.01 -0.54	49.24 4.35 -6.72	61.85 4.77 -14.06	53.58 3.88 -15.65	49.58 3.08 -19.94	38.77 2.97 -9.71	37.63 2.72 -10.60	34.24 2.39 -9.52	32.88 2.43 -6.19
HOLTSVILLE_IC_9 23698	33.95 2.38 -3.86	31.17 2.73 -0.01	27.91 2.21 -0.02	28.20 2.15 -0.16	29.32 2.26 -0.44	31.38 2.67 -0.02	40.15 2.87 0.00	46.28 3.70 0.00	39.17 3.07 0.00	34.95 3.23 -0.02	36.40 3.21 -2.03	36.97 3.04 -4.19	35.68 3.21 -1.84	36.93 3.37 -1.51	36.99 3.56 -0.16	43.07 4.01 -0.54	49.24 4.35 -6.72	61.85 4.77 -14.06	53.58 3.88 -15.65	49.58 3.08 -19.94	38.77 2.97 -9.71	37.63 2.72 -10.60	34.24 2.39 -9.52	32.88 2.43 -6.19
HOMER_HL_115KV_TB2 355744	27.18 -0.53 0.00	27.32 -1.11 0.00	25.24 -0.44 0.00	25.61 -0.28 0.00	26.37 -0.24 0.00	28.88 0.20 0.00	37.24 -0.04 0.00	41.98 -0.60 0.00	35.23 -0.87 0.00	31.51 -0.19 0.00	31.10 -0.06 0.00	29.92 0.18 0.00	30.50 -0.12 0.00	31.86 -0.19 0.00	32.51 -0.77 0.00	35.72 -2.89 -0.09	36.55 -2.63 -1.02	41.52 -2.84 -1.34	33.69 -2.38 -2.02	27.49 -2.02 -2.95	25.65 -2.03 -1.59	21.96 -2.16 0.18	20.35 -1.99 0.00	22.62 -2.14 -0.49
HOWARD_WT_PWR 323690	27.51 -0.19 0.00	27.88 -0.54 0.00	25.55 -0.13 0.00	25.87 -0.03 0.00	26.59 -0.03 0.00	29.06 0.37 0.00	37.61 0.33 0.00	42.75 0.17 0.00	35.96 -0.14 0.00	32.05 0.35 0.00	31.56 0.40 0.00	30.28 0.54 0.00	30.93 0.31 0.00	32.19 0.13 0.00	33.07 -0.20 0.00	37.59 -1.04 -0.11	38.37 -1.11 -1.32	43.50 -1.25 -1.73	35.67 -0.99 -2.61	29.08 -0.98 -3.50	26.73 -1.25 -1.89	24.24 -1.61 -1.53	21.64 -1.70 -1.01	23.20 -1.65 -0.58

HQ_GEN_CEDARS 23644	27.95 0.25 0.00	28.97 0.54 0.00	26.06 0.39 0.00	26.49 0.60 0.00	27.39 0.77 0.00	29.60 0.92 0.00	38.47 1.19 0.00	43.17 0.60 0.00	36.42 0.32 0.00	32.37 0.67 0.00	31.60 0.44 0.00	30.07 0.33 0.00	31.05 0.43 0.00	32.51 0.45 0.00	33.64 0.37 0.00	38.61 0.08 -0.01	37.81 -0.50 -0.15	42.13 -1.08 -0.19	32.74 -1.60 -0.29	25.81 -1.12 -0.36	25.19 -1.10 -0.20	23.22 -1.09 0.00	21.19 -1.14 0.00	22.94 -1.38 -0.06
HQ_GEN_CEDARS_PROXY 323590	27.95 0.25 0.00	28.96 0.54 0.00	26.06 0.39 0.00	26.49 0.60 0.00	27.36 0.77 0.02	29.63 0.92 -0.02	38.47 1.19 0.00	43.78 0.77 -0.44	35.99 0.32 0.44	32.37 0.67 0.00	31.75 0.59 0.00	30.07 0.33 0.00	31.05 0.43 0.00	32.51 0.45 0.00	33.64 0.37 0.00	38.61 0.08 -0.01	37.81 -0.50 -0.15	42.13 -1.07 -0.19	32.74 -1.60 -0.29	25.20 -1.11 0.25	25.82 -1.07 -0.81	23.39 -1.09 -0.17	22.40 -1.12 -1.18	21.97 -1.29 1.01
HQ_GEN_IMPORT 323601	27.70 0.00 0.00	28.43 0.00 0.00	25.68 0.00 0.00	25.90 0.00 0.00	26.59 0.00 0.02	28.71 0.00 -0.02	37.28 0.00 0.00	43.01 0.00 -0.44	35.66 0.00 0.44	31.70 0.00 0.00	31.16 0.00 0.00	29.75 0.00 0.00	30.62 0.00 0.00	32.06 0.00 0.00	33.27 0.00 0.00	38.52 0.00 0.00	38.17 0.00 0.00	43.01 0.00 0.00	34.05 0.00 0.00	25.95 0.00 0.61	26.70 0.00 -0.61	24.31 0.00 0.00	23.41 0.00 -1.07	23.19 0.00 1.07
HQ_GEN_WHEEL 23651	27.70 0.00 0.00	28.43 0.00 0.00	25.68 0.00 0.00	25.90 0.00 0.00	26.59 0.00 0.02	28.71 0.00 -0.02	37.28 0.00 0.00	43.01 0.00 -0.44	35.66 0.00 0.44	31.70 0.00 0.00	31.16 0.00 0.00	29.75 0.00 0.00	30.62 0.00 0.00	32.06 0.00 0.00	33.27 0.00 0.00	38.52 0.00 0.00	38.17 0.00 0.00	43.01 0.00 0.00	34.05 0.00 0.00	25.95 0.00 0.61	26.70 0.00 -0.61	24.31 0.00 0.00	23.41 0.00 -1.07	23.19 0.00 1.07
HUDSON_AVE_GT_3 23810	29.36 1.66 0.00	30.42 1.99 0.00	27.09 1.41 0.00	27.24 1.35 0.00	28.02 1.41 0.00	30.52 1.84 0.00	39.70 2.42 0.00	45.77 3.19 0.00	38.95 2.85 0.00	34.24 2.54 0.00	33.78 2.62 0.00	32.21 2.47 0.00	33.28 2.66 0.00	34.75 2.69 0.00	36.17 2.89 0.00	42.57 3.51 -0.54	48.28 3.40 -6.72	55.64 3.79 -8.84	50.44 3.06 -13.32	45.77 2.39 -16.81	37.37 2.19 -9.09	26.30 1.99 0.01	24.21 1.88 0.00	28.94 1.87 -2.80
HUDSON_AVE_GT_4 23540	29.36 1.66 0.00	30.42 1.99 0.00	27.09 1.41 0.00	27.24 1.35 0.00	28.02 1.41 0.00	30.52 1.84 0.00	39.70 2.42 0.00	45.77 3.19 0.00	38.95 2.85 0.00	34.24 2.54 0.00	33.78 2.62 0.00	32.21 2.47 0.00	33.28 2.66 0.00	34.75 2.69 0.00	36.17 2.89 0.00	42.57 3.51 -0.54	48.28 3.40 -6.72	55.64 3.79 -8.84	50.44 3.06 -13.32	45.77 2.39 -16.81	37.37 2.19 -9.09	26.30 1.99 0.01	24.21 1.88 0.00	28.94 1.87 -2.80
HUDSON_AVE_GT_5 23657	29.36 1.66 0.00	30.42 1.99 0.00	27.09 1.41 0.00	27.24 1.35 0.00	28.02 1.41 0.00	30.52 1.84 0.00	39.70 2.42 0.00	45.77 3.19 0.00	38.95 2.85 0.00	34.24 2.54 0.00	33.78 2.62 0.00	32.21 2.47 0.00	33.28 2.66 0.00	34.75 2.69 0.00	36.17 2.89 0.00	42.57 3.51 -0.54	48.28 3.40 -6.72	55.64 3.79 -8.84	50.44 3.06 -13.32	45.77 2.39 -16.81	37.37 2.19 -9.09	26.30 1.99 0.01	24.21 1.88 0.00	28.94 1.87 -2.80
HUDSON_AVE_10 24168	29.28 1.58 0.00	30.30 1.88 0.00	26.99 1.31 0.00	27.16 1.27 0.00	27.92 1.30 0.00	30.43 1.75 0.00	39.59 2.31 0.00	45.60 3.02 0.00	38.84 2.74 0.00	34.14 2.44 0.00	33.68 2.52 0.00	32.13 2.38 0.00	33.19 2.57 0.00	34.65 2.60 0.00	36.07 2.79 0.00	42.42 3.35 -0.54	48.16 3.28 -6.72	55.51 3.66 -8.84	50.33 2.96 -13.32	45.69 2.31 -16.81	37.29 2.11 -9.09	26.23 1.92 0.01	24.16 1.83 0.00	28.86 1.80 -2.80
HUDSON___115KV_TB 4 355613	28.53 0.83 0.00	29.31 0.88 0.00	26.42 0.74 0.00	26.62 0.73 0.00	27.36 0.75 0.00	29.63 0.95 0.00	38.62 1.34 0.00	44.11 1.53 0.00	37.29 1.19 0.00	32.43 0.73 0.00	31.82 0.65 0.00	30.25 0.51 0.00	31.17 0.55 0.00	32.67 0.61 0.00	34.10 0.83 0.00	40.40 1.27 -0.60	47.00 1.34 -7.50	54.56 1.68 -9.87	50.25 1.33 -14.87	46.34 1.01 -18.77	37.25 1.02 -10.14	25.11 0.80 0.00	23.05 0.71 0.00	28.07 0.68 -3.12
HUNTER MOUNT___DRP 323613	28.56 0.86 0.00	29.28 0.85 0.00	26.45 0.77 0.00	26.65 0.75 0.00	27.39 0.77 0.00	29.66 0.98 0.00	38.69 1.42 0.00	44.11 1.53 0.00	37.29 1.19 0.00	32.30 0.60 0.00	31.69 0.53 0.00	30.10 0.36 0.00	31.02 0.40 0.00	32.51 0.45 0.00	34.00 0.73 0.00	40.27 1.16 -0.59	46.80 1.26 -7.37	54.30 1.59 -9.70	49.93 1.26 -14.62	45.95 0.93 -18.45	37.02 0.97 -9.97	25.06 0.75 0.00	23.00 0.67 0.00	27.95 0.61 -3.07
HUNTINGTON_RES_REC 323705	33.80 2.24 -3.86	31.03 2.59 -0.01	27.70 2.00 -0.02	28.02 1.97 -0.16	29.10 2.05 -0.44	31.23 2.52 -0.02	39.85 2.57 0.00	45.85 3.28 0.00	38.95 2.85 0.00	34.85 3.14 -0.02	36.22 3.02 -2.03	36.74 2.80 -4.20	35.53 3.06 -1.85	36.71 3.14 -1.51	36.79 3.36 -0.16	42.80 3.74 -0.54	48.86 3.97 -6.72	61.52 4.43 -14.07	53.28 3.57 -15.65	49.29 2.79 -19.94	38.49 2.69 -9.71	37.42 2.50 -10.60	34.15 2.30 -9.51	32.78 2.33 -6.18
HUNTLEY___63 23557	26.29 -1.41 0.00	26.49 -1.93 0.00	24.42 -1.26 0.00	24.70 -1.19 0.00	25.47 -1.14 0.00	27.59 -1.09 0.00	35.34 -1.94 0.00	39.89 -2.68 0.00	33.86 -2.24 0.00	30.31 -1.39 0.00	30.01 -1.15 0.00	28.88 -0.86 0.00	29.43 -1.19 0.00	30.84 -1.22 0.00	31.31 -1.96 0.00	35.36 -3.24 -0.07	35.86 -3.13 -0.82	40.57 -3.53 -1.08	33.16 -2.52 -1.63	27.21 -1.86 -2.51	25.72 -1.72 -1.36	22.25 -1.85 0.21	20.75 -1.59 0.00	23.23 -1.46 -0.42
HUNTLEY___64 23558	26.29 -1.41 0.00	26.49 -1.93 0.00	24.42 -1.26 0.00	24.70 -1.19 0.00	25.47 -1.14 0.00	27.59 -1.09 0.00	35.34 -1.94 0.00	39.89 -2.68 0.00	33.86 -2.24 0.00	30.31 -1.39 0.00	30.01 -1.15 0.00	28.88 -0.86 0.00	29.43 -1.19 0.00	30.84 -1.22 0.00	31.31 -1.96 0.00	35.36 -3.24 -0.07	35.86 -3.13 -0.82	40.57 -3.53 -1.08	33.16 -2.52 -1.63	27.21 -1.86 -2.51	25.72 -1.72 -1.36	22.25 -1.85 0.21	20.75 -1.59 0.00	23.23 -1.46 -0.42
HUNTLEY___65 23559	26.29 -1.41 0.00	26.49 -1.93 0.00	24.42 -1.26 0.00	24.70 -1.19 0.00	25.47 -1.14 0.00	27.59 -1.09 0.00	35.34 -1.94 0.00	39.89 -2.68 0.00	33.86 -2.24 0.00	30.31 -1.39 0.00	30.01 -1.15 0.00	28.88 -0.86 0.00	29.43 -1.19 0.00	30.84 -1.22 0.00	31.31 -1.96 0.00	35.36 -3.24 -0.07	35.86 -3.13 -0.82	40.57 -3.53 -1.08	33.16 -2.52 -1.63	27.21 -1.86 -2.51	25.72 -1.72 -1.36	22.25 -1.85 0.21	20.75 -1.59 0.00	23.23 -1.46 -0.42
HUNTLEY___66 23560	26.29 -1.41 0.00	26.49 -1.93 0.00	24.42 -1.26 0.00	24.70 -1.19 0.00	25.47 -1.14 0.00	27.59 -1.09 0.00	35.34 -1.94 0.00	39.89 -2.68 0.00	33.86 -2.24 0.00	30.31 -1.39 0.00	30.01 -1.15 0.00	28.88 -0.86 0.00	29.43 -1.19 0.00	30.84 -1.22 0.00	31.31 -1.96 0.00	35.36 -3.24 -0.07	35.86 -3.13 -0.82	40.57 -3.53 -1.08	33.16 -2.52 -1.63	27.21 -1.86 -2.51	25.72 -1.72 -1.36	22.25 -1.85 0.21	20.75 -1.59 0.00	23.23 -1.46 -0.42

HUNTLEY___67 23561	26.15 -1.55 0.00	26.38 -2.05 0.00	24.31 -1.36 0.00	24.60 -1.29 0.00	25.36 -1.25 0.00	27.48 -1.20 0.00	35.23 -2.05 0.00	39.68 -2.90 0.00	33.64 -2.45 0.00	30.15 -1.55 0.00	29.82 -1.34 0.00	28.68 -1.07 0.00	29.21 -1.41 0.00	30.58 -1.47 0.00	31.11 -2.16 0.00	35.13 -3.47 -0.07	35.67 -3.32 -0.82	40.35 -3.74 -1.08	33.02 -2.66 -1.63	27.13 -1.99 -2.56	25.62 -1.85 -1.38	22.13 -1.94 0.23	20.64 -1.70 0.00	23.12 -1.58 -0.43
HUNTLEY___68 23562	26.15 -1.55 0.00	26.38 -2.05 0.00	24.31 -1.36 0.00	24.60 -1.29 0.00	25.36 -1.25 0.00	27.48 -1.20 0.00	35.23 -2.05 0.00	39.68 -2.90 0.00	33.64 -2.45 0.00	30.15 -1.55 0.00	29.82 -1.34 0.00	28.68 -1.07 0.00	29.21 -1.41 0.00	30.58 -1.47 0.00	31.11 -2.16 0.00	35.13 -3.47 -0.07	35.67 -3.32 -0.82	40.35 -3.74 -1.08	33.02 -2.66 -1.63	27.13 -1.99 -2.56	25.62 -1.85 -1.38	22.13 -1.94 0.23	20.64 -1.70 0.00	23.12 -1.58 -0.43
HYLAND___LFGE 323620	27.84 0.14 0.00	28.17 -0.26 0.00	25.78 0.10 0.00	26.08 0.18 0.00	26.83 0.21 0.00	29.29 0.60 0.00	37.98 0.71 0.00	43.30 0.72 0.00	36.17 0.07 0.00	31.92 0.22 0.00	31.19 0.03 0.00	29.81 0.06 0.00	30.37 -0.25 0.00	31.70 -0.35 0.00	32.77 -0.50 0.00	37.65 -0.96 -0.09	38.85 -0.42 -1.10	44.38 -0.09 -1.45	36.58 0.34 -2.19	29.72 0.27 -2.89	27.70 0.05 -1.56	25.16 -0.44 -1.29	22.76 -0.40 -0.83	24.55 -0.19 -0.48
INDECK___CORINTH 23802	29.59 1.88 0.00	30.39 1.96 0.00	27.34 1.67 0.00	27.55 1.66 0.00	28.37 1.76 0.00	30.75 2.07 0.00	40.11 2.83 0.00	45.85 3.28 0.00	38.84 2.74 0.00	33.89 2.19 0.00	33.37 2.21 0.00	31.65 1.91 0.00	32.52 1.90 0.00	34.01 1.96 0.00	35.43 2.16 0.00	41.89 2.74 -0.63	48.70 2.71 -7.82	56.62 3.31 -10.29	52.19 2.62 -15.52	48.16 2.02 -19.58	38.62 1.96 -10.58	35.08 1.65 -9.12	29.47 1.52 -5.62	28.98 1.46 -3.26
INDECK___ILION 23567	28.06 0.36 0.00	28.82 0.40 0.00	26.01 0.33 0.00	26.23 0.34 0.00	26.96 0.35 0.00	29.08 0.40 0.00	37.84 0.56 0.00	43.21 0.64 0.00	36.60 0.51 0.00	32.14 0.44 0.00	31.63 0.47 0.00	30.19 0.45 0.00	31.08 0.46 0.00	32.54 0.48 0.00	33.74 0.47 0.00	39.07 0.54 -0.01	38.68 0.42 -0.10	43.57 0.43 -0.13	34.45 0.20 -0.19	26.94 0.13 -0.24	26.32 0.10 -0.13	24.38 0.07 0.00	22.42 0.09 0.00	24.38 0.07 -0.04
INDECK___OLEAN 23982	27.15 -0.55 0.00	27.32 -1.11 0.00	25.24 -0.44 0.00	25.61 -0.28 0.00	26.27 -0.35 0.00	28.89 0.20 0.00	37.13 -0.15 0.00	41.94 -0.64 0.00	35.09 -1.01 0.00	31.48 -0.22 0.00	31.07 -0.09 0.00	29.93 0.18 0.00	30.50 -0.12 0.00	31.77 -0.29 0.00	32.51 -0.76 0.00	36.42 -2.19 -0.09	36.55 -2.63 -1.02	41.52 -2.84 -1.34	33.65 -2.42 -2.02	27.44 -2.07 -2.95	25.59 -2.09 -1.59	23.36 -2.14 -1.19	21.01 -2.17 -0.85	22.57 -2.18 -0.49
INDECK___OSWEGO 23783	27.15 -0.55 0.00	27.80 -0.63 0.00	25.16 -0.51 0.00	25.38 -0.52 0.00	26.08 -0.53 0.00	28.02 -0.66 0.00	36.38 -0.90 0.00	41.55 -1.02 0.00	35.20 -0.90 0.00	30.97 -0.73 0.00	30.48 -0.69 0.00	29.09 -0.65 0.00	29.92 -0.70 0.00	31.29 -0.77 0.00	32.44 -0.83 0.00	37.53 -1.04 -0.05	37.73 -0.99 -0.56	42.68 -1.07 -0.74	34.39 -0.78 -1.11	27.33 -0.64 -1.41	26.25 -0.60 -0.76	24.48 -0.49 -0.65	22.29 -0.45 -0.40	24.07 -0.44 -0.23
INDECK___YERKES 23781	26.29 -1.41 0.00	26.52 -1.90 0.00	24.44 -1.23 0.00	24.73 -1.16 0.00	25.36 -1.25 0.00	27.62 -1.06 0.00	35.30 -1.98 0.00	39.93 -2.64 0.00	33.57 -2.53 0.00	30.31 -1.39 0.00	30.01 -1.15 0.00	28.91 -0.83 0.00	29.46 -1.16 0.00	30.58 -1.47 0.00	31.38 -1.90 0.00	35.44 -3.16 -0.07	35.90 -3.09 -0.82	40.61 -3.48 -1.08	33.19 -2.48 -1.63	27.24 -1.83 -2.51	25.67 -1.77 -1.36	22.98 -2.29 -0.96	21.20 -1.85 -0.72	23.23 -1.46 -0.42
INDIAN POINT_GT_1 24139	29.09 1.39 0.00	30.02 1.59 0.00	26.88 1.21 0.00	27.06 1.17 0.00	27.81 1.20 0.00	30.32 1.63 0.00	39.44 2.16 0.00	45.34 2.77 0.00	38.55 2.45 0.00	33.86 2.16 0.00	33.34 2.18 0.00	31.80 2.05 0.00	32.86 2.24 0.00	34.30 2.24 0.00	35.73 2.46 0.00	42.07 3.00 -0.54	47.86 3.02 -6.68	55.16 3.36 -8.79	50.06 2.76 -13.25	45.42 2.12 -16.73	37.11 1.98 -9.04	26.06 1.75 0.01	23.99 1.65 0.00	28.66 1.60 -2.79
INDIAN POINT_GT_2 23659	29.09 1.39 0.00	30.02 1.59 0.00	26.88 1.21 0.00	27.06 1.17 0.00	27.81 1.20 0.00	30.32 1.63 0.00	39.44 2.16 0.00	45.34 2.77 0.00	38.55 2.45 0.00	33.86 2.16 0.00	33.34 2.18 0.00	31.80 2.05 0.00	32.86 2.24 0.00	34.30 2.24 0.00	35.73 2.46 0.00	42.07 3.00 -0.54	47.86 3.02 -6.68	55.16 3.36 -8.79	50.06 2.76 -13.25	45.42 2.12 -16.73	37.11 1.98 -9.04	26.06 1.75 0.01	23.99 1.65 0.00	28.66 1.60 -2.79
INDIAN POINT_GT_3 24019	29.09 1.39 0.00	30.02 1.59 0.00	26.88 1.21 0.00	27.06 1.17 0.00	27.81 1.20 0.00	30.32 1.63 0.00	39.44 2.16 0.00	45.34 2.77 0.00	38.55 2.45 0.00	33.86 2.16 0.00	33.34 2.18 0.00	31.80 2.05 0.00	32.86 2.24 0.00	34.30 2.24 0.00	35.73 2.46 0.00	42.07 3.00 -0.54	47.86 3.02 -6.68	55.16 3.36 -8.79	50.06 2.76 -13.25	45.42 2.12 -16.73	37.11 1.98 -9.04	26.06 1.75 0.01	23.99 1.65 0.00	28.66 1.60 -2.79
INDIAN POINT___2 23530	29.09 1.38 0.00	30.02 1.59 0.00	26.86 1.18 0.00	27.03 1.14 0.00	27.81 1.20 0.00	30.29 1.61 0.00	39.44 2.16 0.00	45.34 2.77 0.00	38.59 2.49 0.00	33.82 2.12 0.00	33.31 2.15 0.00	31.80 2.05 0.00	32.83 2.21 0.00	34.37 2.31 0.00	35.70 2.43 0.00	42.07 3.01 -0.54	47.78 2.98 -6.64	55.11 3.36 -8.73	49.94 2.73 -13.17	45.28 2.10 -16.62	37.03 1.96 -8.98	33.85 1.80 -7.73	28.71 1.61 -4.77	28.61 1.58 -2.77
INDIAN POINT___3 23531	29.09 1.39 0.00	29.99 1.56 0.00	26.86 1.18 0.00	27.04 1.14 0.00	27.81 1.20 0.00	30.29 1.61 0.00	39.40 2.12 0.00	45.34 2.77 0.00	38.52 2.42 0.00	33.82 2.12 0.00	33.31 2.15 0.00	31.77 2.02 0.00	32.83 2.20 0.00	34.27 2.21 0.00	35.70 2.43 0.00	42.03 2.97 -0.54	47.83 2.98 -6.68	55.12 3.31 -8.79	50.00 2.69 -13.25	45.40 2.10 -16.73	37.09 1.96 -9.04	26.06 1.75 0.01	23.96 1.63 0.00	28.63 1.58 -2.79
INGHAM_C_115KV_TB7 356103	28.34 0.64 0.00	29.08 0.65 0.00	26.21 0.54 0.00	26.47 0.57 0.00	27.20 0.59 0.00	29.34 0.66 0.00	38.14 0.86 0.00	43.55 0.98 0.00	36.93 0.83 0.00	32.43 0.73 0.00	31.91 0.75 0.00	30.49 0.74 0.00	31.42 0.80 0.00	32.86 0.80 0.00	34.04 0.77 0.00	39.34 0.81 -0.01	38.83 0.57 -0.10	43.70 0.56 -0.13	34.38 0.14 -0.19	26.88 0.08 -0.24	26.22 0.00 -0.13	24.29 -0.02 0.00	22.38 0.04 0.00	24.33 0.02 -0.04
IP CORINTH___1 23988	29.59 1.88 0.00	30.39 1.96 0.00	27.34 1.67 0.00	27.55 1.66 0.00	28.34 1.73 0.00	30.75 2.07 0.00	40.11 2.83 0.00	45.85 3.28 0.00	38.84 2.74 0.00	33.89 2.19 0.00	33.37 2.21 0.00	31.65 1.90 0.00	32.52 1.90 0.00	34.01 1.96 0.00	35.40 2.13 0.00	41.85 2.70 -0.63	48.70 2.71 -7.82	56.62 3.31 -10.29	52.19 2.62 -15.52	48.16 2.02 -19.58	38.62 1.96 -10.58	25.97 1.65 0.00	23.81 1.47 0.00	28.98 1.46 -3.26

IP__TICONDEROGA 23804	30.78 3.07 0.00	31.61 3.18 0.00	28.40 2.72 0.00	28.61 2.72 0.00	29.49 2.87 0.00	32.07 3.38 0.00	41.90 4.62 0.00	47.81 5.24 0.00	40.36 4.26 0.00	35.16 3.46 0.00	34.74 3.58 0.00	32.90 3.15 0.00	33.71 3.09 0.00	35.23 3.17 0.00	36.70 3.43 0.00	43.43 4.28 -0.63	50.26 4.27 -7.82	58.63 5.33 -10.28	53.81 4.26 -15.50	49.39 3.27 -19.56	39.81 3.16 -10.57	26.96 2.65 0.00	24.63 2.30 0.00	29.78 2.26 -3.26
ISLIP_RES_REC 323679	34.05 2.49 -3.86	31.25 2.81 -0.01	27.98 2.28 -0.02	28.31 2.25 -0.16	29.40 2.34 -0.44	31.49 2.78 -0.02	40.30 3.02 0.00	46.49 3.91 0.00	39.31 3.21 0.00	35.07 3.36 -0.02	36.56 3.37 -2.03	37.13 3.18 -4.20	35.84 3.37 -1.85	37.09 3.53 -1.51	37.15 3.73 -0.16	43.26 4.20 -0.54	49.47 4.58 -6.73	62.12 5.03 -14.08	53.76 4.05 -15.65	49.72 3.21 -19.94	38.90 3.10 -9.71	37.76 2.84 -10.60	34.32 2.48 -9.51	32.97 2.52 -6.18
JAMAICA__27_KV_LOAD 355505	29.28 1.58 0.00	30.39 1.96 0.00	26.99 1.31 0.00	27.14 1.24 0.00	27.92 1.30 0.00	30.46 1.78 0.00	39.59 2.31 0.00	45.68 3.11 0.00	38.88 2.78 0.00	34.24 2.54 0.00	33.78 2.62 0.00	32.21 2.47 0.00	33.25 2.63 0.00	34.72 2.66 0.00	36.13 2.86 0.00	42.46 3.39 -0.54	48.20 3.32 -6.72	55.59 3.74 -8.84	50.44 3.06 -13.32	45.74 2.36 -16.81	37.37 2.19 -9.09	26.30 1.99 0.01	24.21 1.88 0.00	28.89 1.82 -2.80
JANIS__SOLAR 323808	28.89 1.19 0.00	29.53 1.11 0.00	26.73 1.05 0.00	27.06 1.17 0.00	27.86 1.25 0.00	30.17 1.49 0.00	39.40 2.12 0.00	45.09 2.51 0.00	37.94 1.84 0.00	33.28 1.58 0.00	32.59 1.43 0.00	31.14 1.40 0.00	31.97 1.35 0.00	33.50 1.44 0.00	34.64 1.36 0.00	40.22 1.54 -0.15	41.73 1.72 -1.84	47.76 2.32 -2.42	39.47 1.77 -3.65	32.55 1.33 -4.66	29.81 1.20 -2.52	27.45 1.00 -2.14	24.47 0.80 -1.34	25.89 0.85 -0.78
JARVIS____ 23743	27.81 0.11 0.00	28.57 0.14 0.00	25.78 0.10 0.00	26.00 0.10 0.00	26.75 0.13 0.00	28.83 0.14 0.00	37.47 0.19 0.00	42.79 0.21 0.00	36.28 0.18 0.00	31.86 0.16 0.00	31.32 0.16 0.00	29.87 0.12 0.00	30.77 0.15 0.00	32.22 0.16 0.00	33.44 0.17 0.00	38.76 0.23 -0.01	38.42 0.15 -0.10	43.31 0.17 -0.13	34.35 0.10 -0.19	26.88 0.08 -0.24	26.30 0.08 -0.13	24.50 0.07 -0.11	22.45 0.04 -0.07	24.36 0.05 -0.04
JENNISON__1 23625	29.14 1.44 0.00	29.85 1.42 0.00	26.99 1.31 0.00	27.32 1.42 0.00	28.13 1.52 0.00	30.46 1.78 0.00	39.81 2.53 0.00	45.60 3.02 0.00	38.52 2.42 0.00	33.82 2.12 0.00	33.16 1.99 0.00	31.74 1.99 0.00	32.58 1.96 0.00	34.17 2.12 0.00	35.20 1.93 0.00	40.87 2.16 -0.19	42.80 2.25 -2.38	49.07 2.93 -3.13	40.92 2.15 -4.72	34.23 1.65 -6.02	30.85 1.51 -3.25	25.60 1.31 0.03	23.43 1.09 0.00	26.39 1.12 -1.00
JENNISON__2 23626	29.14 1.44 0.00	29.85 1.42 0.00	26.99 1.31 0.00	27.32 1.42 0.00	28.13 1.52 0.00	30.46 1.78 0.00	39.81 2.53 0.00	45.60 3.02 0.00	38.52 2.42 0.00	33.82 2.12 0.00	33.16 1.99 0.00	31.74 1.99 0.00	32.58 1.96 0.00	34.17 2.12 0.00	35.20 1.93 0.00	40.87 2.16 -0.19	42.80 2.25 -2.38	49.07 2.93 -3.13	40.92 2.15 -4.72	34.23 1.65 -6.02	30.85 1.51 -3.25	25.60 1.31 0.03	23.43 1.09 0.00	26.39 1.12 -1.00
JERICHO_RISE_WT_PWR 323719	28.17 0.47 0.00	29.19 0.77 0.00	26.24 0.56 0.00	26.67 0.78 0.00	27.54 0.93 0.00	29.77 1.09 0.00	38.47 1.19 0.00	43.04 0.47 0.00	36.32 0.22 0.00	32.27 0.57 0.00	31.66 0.50 0.00	29.96 0.21 0.00	30.90 0.27 0.00	32.38 0.32 0.00	33.44 0.17 0.00	38.30 -0.23 -0.01	37.31 -0.99 -0.14	41.43 -1.77 -0.18	32.11 -2.21 -0.27	25.32 -1.59 -0.35	24.71 -1.56 -0.19	23.06 -1.41 -0.16	20.96 -1.47 -0.10	22.63 -1.70 -0.06
KATONAH__115KV_46KV_TB4 355592	29.25 1.55 0.00	30.19 1.76 0.00	27.01 1.34 0.00	27.19 1.29 0.00	27.97 1.36 0.00	30.49 1.81 0.00	39.66 2.39 0.00	45.60 3.02 0.00	38.81 2.71 0.00	34.01 2.31 0.00	33.56 2.40 0.00	31.98 2.23 0.00	33.07 2.45 0.00	34.53 2.47 0.00	35.97 2.69 0.00	42.34 3.27 -0.55	48.13 3.21 -6.76	55.48 3.57 -8.89	50.35 2.89 -13.41	45.69 2.20 -16.93	37.35 2.11 -9.15	26.11 1.80 0.01	24.05 1.72 0.00	28.76 1.67 -2.82
KCE_NY_1 323755	29.22 1.52 0.00	30.02 1.59 0.00	27.04 1.36 0.00	27.24 1.35 0.00	28.02 1.41 0.00	30.38 1.69 0.00	39.59 2.31 0.00	45.21 2.64 0.00	38.34 2.24 0.00	33.44 1.74 0.00	32.90 1.74 0.00	31.29 1.55 0.00	32.21 1.59 0.00	33.72 1.67 0.00	35.13 1.86 0.00	41.50 2.35 -0.63	48.30 2.33 -7.81	56.08 2.79 -10.27	51.75 2.21 -15.48	47.80 1.70 -19.53	38.31 1.67 -10.56	34.84 1.43 -9.10	29.24 1.29 -5.61	28.78 1.26 -3.25
KCE_NY_6_ESR 323823	26.62 -1.08 0.00	26.83 -1.59 0.00	24.73 -0.95 0.00	25.04 -0.85 0.00	25.68 -0.93 0.00	28.02 -0.66 0.00	35.86 -1.42 0.00	40.57 -2.00 0.00	34.11 -1.99 0.00	30.72 -0.98 0.00	30.41 -0.75 0.00	29.30 -0.45 0.00	29.82 -0.80 0.00	31.00 -1.06 0.00	31.81 -1.46 0.00	35.87 -2.73 -0.08	36.22 -2.82 -0.88	40.99 -3.18 -1.15	33.40 -2.38 -1.74	27.38 -1.83 -2.65	25.69 -1.83 -1.43	23.10 -2.24 -1.02	21.17 -1.92 -0.76	23.11 -1.60 -0.44
KEDC_PORT_JEFF_GT2 24210	33.98 2.41 -3.86	31.17 2.73 -0.01	27.91 2.21 -0.02	28.23 2.18 -0.16	29.32 2.26 -0.44	31.40 2.70 -0.02	40.15 2.87 0.00	46.28 3.70 0.00	39.17 3.07 0.00	34.98 3.27 -0.02	36.40 3.21 -2.03	36.97 3.04 -4.19	35.68 3.21 -1.84	36.93 3.37 -1.50	36.99 3.56 -0.16	43.11 4.04 -0.54	49.24 4.35 -6.72	61.89 4.82 -14.06	53.58 3.88 -15.65	49.58 3.08 -19.93	38.77 2.97 -9.71	37.63 2.72 -10.59	34.27 2.41 -9.52	32.90 2.45 -6.19
KEDC_PORT_JEFF_GT3 24211	33.98 2.41 -3.86	31.17 2.73 -0.01	27.91 2.21 -0.02	28.23 2.18 -0.16	29.32 2.26 -0.44	31.40 2.70 -0.02	40.15 2.87 0.00	46.28 3.70 0.00	39.17 3.07 0.00	34.98 3.27 -0.02	36.40 3.21 -2.03	36.97 3.04 -4.19	35.68 3.21 -1.84	36.93 3.37 -1.50	36.99 3.56 -0.16	43.11 4.04 -0.54	49.24 4.35 -6.72	61.89 4.82 -14.06	53.58 3.88 -15.65	49.58 3.08 -19.93	38.77 2.97 -9.71	37.63 2.72 -10.59	34.27 2.41 -9.52	32.90 2.45 -6.19
KEDC_GLWD_GT4 24219	32.50 1.94 -2.86	30.65 2.22 -0.01	27.36 1.67 -0.01	27.64 1.63 -0.11	28.64 1.70 -0.33	30.85 2.15 -0.01	39.93 2.65 0.00	45.90 3.32 0.00	39.09 2.99 0.00	34.53 2.82 -0.01	36.65 2.84 -2.65	37.90 2.68 -5.48	35.91 2.88 -2.41	37.01 2.98 -1.97	36.60 3.13 -0.21	42.76 3.70 -0.54	48.59 3.70 -6.73	62.81 4.13 -15.67	53.76 3.34 -16.36	50.03 2.58 -20.89	38.42 2.45 -9.89	37.92 2.26 -11.35	32.65 2.01 -8.30	31.61 2.04 -5.31
KEDC_GLWD_GT5 24220	32.50 1.94 -2.86	30.65 2.22 -0.01	27.36 1.67 -0.01	27.64 1.63 -0.11	28.64 1.70 -0.33	30.85 2.15 -0.01	39.93 2.65 0.00	45.90 3.32 0.00	39.09 2.99 0.00	34.53 2.82 -0.01	36.65 2.84 -2.65	37.90 2.68 -5.48	35.91 2.88 -2.41	37.01 2.98 -1.97	36.60 3.13 -0.21	42.76 3.70 -0.54	48.59 3.70 -6.73	62.81 4.13 -15.67	53.76 3.34 -16.36	50.03 2.58 -20.89	38.42 2.45 -9.89	37.92 2.26 -11.35	32.65 2.01 -8.30	31.61 2.04 -5.31

KENSICO____ 23655	29.17 1.47 0.00	30.13 1.71 0.00	26.93 1.26 0.00	27.11 1.22 0.00	27.89 1.28 0.00	30.38 1.69 0.00	39.51 2.24 0.00	45.47 2.90 0.00	38.66 2.56 0.00	33.95 2.25 0.00	33.47 2.31 0.00	31.92 2.17 0.00	32.98 2.36 0.00	34.43 2.37 0.00	35.87 2.60 0.00	42.18 3.12 -0.54	48.00 3.13 -6.71	55.33 3.48 -8.83	50.18 2.83 -13.30	45.54 2.18 -16.80	37.20 2.03 -9.08	26.13 1.82 0.01	24.03 1.70 0.00	28.74 1.67 -2.80
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	29.17 1.47 0.00	30.05 1.62 0.00	26.96 1.28 0.00	27.14 1.24 0.00	27.92 1.30 0.00	30.40 1.72 0.00	39.59 2.31 0.00	45.38 2.81 0.00	38.55 2.45 0.00	33.73 2.03 0.00	33.19 2.03 0.00	31.59 1.84 0.00	32.67 2.05 0.00	34.11 2.05 0.00	35.60 2.33 0.00	41.94 2.89 -0.53	47.63 2.94 -6.53	54.88 3.27 -8.59	49.66 2.66 -12.95	44.96 2.05 -16.35	36.85 1.93 -8.84	25.98 1.68 0.01	23.92 1.59 0.00	28.54 1.55 -2.72
KIAC_JFK_GT1 23816	29.14 1.44 0.00	30.22 1.79 0.00	26.86 1.18 0.00	27.01 1.11 0.00	27.76 1.14 0.00	30.29 1.61 0.00	39.22 1.94 0.00	45.26 2.68 0.00	38.52 2.42 0.00	34.08 2.38 0.00	33.59 2.43 0.00	32.04 2.29 0.00	33.07 2.45 0.00	34.56 2.50 0.00	35.93 2.66 0.00	42.07 3.00 -0.54	47.82 2.94 -6.72	55.16 3.31 -8.84	50.06 2.69 -13.32	45.48 2.10 -16.81	37.18 2.01 -9.09	26.15 1.85 0.01	24.10 1.76 0.00	28.77 1.70 -2.80
KIAC_JFK_GT2 23817	29.14 1.44 0.00	30.22 1.79 0.00	26.86 1.18 0.00	27.01 1.11 0.00	27.76 1.14 0.00	30.29 1.61 0.00	39.22 1.94 0.00	45.26 2.68 0.00	38.52 2.42 0.00	34.08 2.38 0.00	33.59 2.43 0.00	32.04 2.29 0.00	33.07 2.45 0.00	34.56 2.50 0.00	35.93 2.66 0.00	42.07 3.00 -0.54	47.82 2.94 -6.72	55.16 3.31 -8.84	50.06 2.69 -13.32	45.48 2.10 -16.81	37.18 2.01 -9.09	26.15 1.85 0.01	24.10 1.76 0.00	28.77 1.70 -2.80
KIAC_JFK____ 323774	29.14 1.44 0.00	30.22 1.79 -0.01	26.86 1.18 0.00	27.01 1.11 0.00	27.78 1.17 0.00	30.29 1.61 0.00	39.25 1.97 0.00	45.21 2.64 0.00	38.59 2.49 0.00	34.08 2.38 0.00	33.59 2.43 0.00	32.04 2.29 0.00	33.07 2.45 0.00	34.62 2.57 0.00	35.93 2.66 0.00	42.11 3.04 -0.54	47.82 2.94 -6.72	55.16 3.31 -8.84	50.06 2.69 -13.32	45.45 2.07 -16.81	37.18 2.01 -9.09	34.06 1.92 -7.82	28.88 1.72 -4.83	28.74 1.67 -2.80
KINTIGH____ 23543	25.98 -1.72 0.00	26.29 -2.13 0.00	24.14 -1.54 0.00	24.42 -1.48 0.00	25.15 -1.46 0.00	27.19 -1.49 0.00	34.89 -2.39 0.00	39.42 -3.15 0.00	33.50 -2.60 0.00	29.89 -1.81 0.00	29.54 -1.62 0.00	28.38 -1.37 0.00	28.94 -1.68 0.00	30.33 -1.73 0.00	30.91 -2.36 0.00	35.44 -3.16 -0.08	36.16 -2.98 -0.98	40.99 -3.31 -1.28	33.81 -2.18 -1.94	27.24 -1.54 -2.22	25.85 -1.43 -1.20	22.93 -1.48 -0.10	21.04 -1.30 0.00	23.47 -1.16 -0.37
KNTFSRNC_46_KV_46KV_LOAD 80397	28.67 0.97 0.00	29.70 1.28 0.00	26.70 1.03 0.00	27.16 1.27 0.00	28.08 1.46 0.00	30.38 1.69 0.00	39.18 1.90 0.00	43.43 0.85 0.00	36.89 0.79 0.00	32.84 1.14 0.00	32.00 0.84 0.00	30.43 0.68 0.00	31.42 0.80 0.00	32.89 0.83 0.00	34.00 0.73 0.00	38.88 0.35 -0.01	37.96 -0.34 -0.14	42.12 -1.08 -0.18	32.62 -1.70 -0.27	25.73 -1.17 -0.34	25.12 -1.15 -0.18	23.32 -1.00 0.00	21.24 -1.09 0.00	22.92 -1.41 -0.06
LACHUTE__HYDRO 323717	30.78 3.07 0.00	31.61 3.18 0.00	28.40 2.72 0.00	28.61 2.72 0.00	29.49 2.88 0.00	32.07 3.38 0.00	41.90 4.62 0.00	47.81 5.24 0.00	40.39 4.29 0.00	35.16 3.46 0.00	34.71 3.55 0.00	32.90 3.15 0.00	33.71 3.09 0.00	35.26 3.21 0.00	36.70 3.43 0.00	43.43 4.28 -0.63	50.26 4.27 -7.82	58.63 5.33 -10.28	53.81 4.26 -15.50	49.39 3.27 -19.56	39.79 3.13 -10.57	36.07 2.65 -9.11	30.29 2.34 -5.61	29.78 2.26 -3.26
LAWRNCV_115KV_TB1 80681	28.09 0.39 0.00	29.11 0.68 0.00	26.16 0.49 0.00	26.62 0.73 0.00	27.52 0.90 0.00	29.74 1.06 0.00	38.69 1.42 0.00	43.51 0.94 0.00	36.68 0.58 0.00	32.56 0.86 0.00	31.75 0.59 0.00	30.22 0.48 0.00	31.20 0.58 0.00	32.70 0.64 0.00	33.77 0.50 0.00	38.81 0.27 -0.01	38.03 -0.31 -0.17	42.42 -0.82 -0.22	33.03 -1.36 -0.34	26.03 -0.96 -0.43	25.38 -0.94 -0.23	23.34 -0.97 0.00	21.31 -1.03 0.00	23.08 -1.26 -0.07
LEDERLE____ 23769	29.17 1.47 0.00	30.07 1.65 0.00	26.93 1.26 0.00	27.11 1.22 0.00	27.89 1.28 0.00	30.40 1.72 0.00	39.55 2.27 0.00	45.51 2.94 0.00	38.66 2.56 0.00	33.95 2.25 0.00	33.44 2.27 0.00	31.89 2.14 0.00	32.95 2.33 0.00	34.40 2.34 0.00	35.87 2.60 0.00	42.18 3.12 -0.53	47.94 3.17 -6.60	55.27 3.57 -8.69	50.04 2.89 -13.09	45.35 2.26 -16.53	37.11 2.09 -8.93	26.15 1.85 0.01	24.07 1.74 0.00	28.69 1.67 -2.75
LIGHTHSE_115KV_TB6 355974	27.70 0.00 0.00	28.37 -0.06 0.00	25.65 -0.03 0.00	25.92 0.03 0.00	26.72 0.11 0.00	28.74 0.06 0.00	37.39 0.11 0.00	42.74 0.17 0.00	36.13 0.04 0.00	31.83 0.13 0.00	31.22 0.06 0.00	29.81 0.06 0.00	30.62 0.00 0.00	32.09 0.03 0.00	33.17 -0.10 0.00	38.41 -0.15 -0.04	38.36 -0.31 -0.50	43.50 -0.17 -0.66	34.85 -0.20 -1.00	27.66 -0.16 -1.26	26.61 -0.16 -0.68	24.24 -0.07 0.00	22.18 -0.16 0.00	24.33 -0.15 -0.21
LINDEN COGEN____ 23786	29.25 1.55 0.00	30.28 1.85 -0.01	26.98 1.31 0.00	27.14 1.24 0.00	27.94 1.33 0.00	30.40 1.72 0.00	39.63 2.35 0.00	45.60 3.02 0.00	38.92 2.82 0.00	34.14 2.44 0.00	33.65 2.49 0.00	32.13 2.38 0.00	33.19 2.57 0.00	34.72 2.66 0.00	36.07 2.80 0.00	42.46 3.39 -0.54	48.16 3.28 -6.72	55.50 3.65 -8.84	50.33 2.96 -13.32	45.69 2.31 -16.81	37.31 2.14 -9.09	34.13 1.99 -7.82	28.92 1.76 -4.83	28.84 1.77 -2.80
LINDHRST_69_KV_BK1 356055	33.85 2.41 -3.73	31.17 2.73 -0.01	27.85 2.16 -0.02	28.15 2.10 -0.15	29.22 2.18 -0.42	31.40 2.70 -0.02	40.00 2.72 0.00	46.36 3.79 0.00	39.20 3.10 0.00	35.04 3.33 -0.01	36.54 3.24 -2.14	37.20 3.03 -4.42	35.81 3.25 -1.94	36.95 3.30 -1.59	37.06 3.63 -0.17	43.15 4.08 -0.54	49.13 4.24 -6.73	62.14 4.77 -14.35	53.64 3.81 -15.78	49.67 3.00 -20.11	38.75 2.92 -9.74	29.88 2.67 -2.90	29.30 2.43 -4.54	32.82 2.48 -6.07
LIPA_MISC_IPP 23656	33.90 2.33 -3.87	31.20 2.76 -0.01	27.88 2.18 -0.02	28.20 2.15 -0.16	29.29 2.24 -0.44	31.37 2.67 -0.02	39.81 2.53 0.00	46.28 3.70 0.00	38.88 2.78 0.00	34.82 3.11 -0.02	36.33 3.15 -2.02	36.87 2.94 -4.18	35.58 3.12 -1.84	36.76 3.21 -1.50	37.12 3.69 -0.16	42.96 3.89 -0.54	49.28 4.39 -6.72	61.80 4.73 -14.05	53.51 3.81 -15.64	49.63 3.13 -19.93	38.77 2.97 -9.71	29.77 2.70 -2.76	29.47 2.43 -4.70	32.86 2.40 -6.19
LISF__SOLAR 323691	33.92 2.35 -3.87	31.11 2.67 -0.01	27.93 2.23 -0.02	28.25 2.20 -0.16	29.34 2.29 -0.44	31.43 2.73 -0.02	40.19 2.91 0.00	46.36 3.79 0.00	39.09 2.99 0.00	34.88 3.17 -0.02	36.37 3.18 -2.02	36.90 2.97 -4.18	35.61 3.15 -1.84	36.89 3.33 -1.50	36.95 3.53 -0.16	43.03 3.97 -0.54	49.35 4.46 -6.72	61.88 4.82 -14.05	53.61 3.91 -15.64	49.65 3.16 -19.93	38.82 3.02 -9.71	37.67 2.77 -10.59	34.29 2.43 -9.53	32.86 2.40 -6.19

LITTLE FALLS___HYD 24013	28.34 0.64 0.00	29.08 0.65 0.00	26.21 0.54 0.00	26.47 0.57 0.00	27.20 0.59 0.00	29.34 0.66 0.00	38.14 0.86 0.00	43.55 0.98 0.00	36.93 0.83 0.00	32.43 0.73 0.00	31.91 0.75 0.00	30.49 0.74 0.00	31.42 0.80 0.00	32.86 0.80 0.00	34.04 0.77 0.00	39.34 0.81 -0.01	38.83 0.57 -0.10	43.70 0.56 -0.13	34.38 0.14 -0.19	26.88 0.08 -0.24	26.22 0.00 -0.13	24.29 -0.02 0.00	22.38 0.04 0.00	24.33 0.02 -0.04
LITTLRIV_115KV_TB1 356100	28.37 0.66 0.00	29.39 0.97 0.00	26.39 0.72 0.00	26.91 1.01 0.00	27.84 1.22 0.00	30.09 1.41 0.00	39.25 1.98 0.00	44.15 1.58 0.00	37.15 1.05 0.00	32.94 1.24 0.00	32.10 0.93 0.00	30.55 0.80 0.00	31.54 0.92 0.00	33.02 0.96 0.00	34.10 0.83 0.00	39.23 0.69 -0.01	38.45 0.11 -0.17	42.99 -0.26 -0.23	33.45 -0.95 -0.35	26.36 -0.64 -0.44	25.67 -0.65 -0.24	23.58 -0.73 0.00	21.51 -0.83 0.00	23.30 -1.04 -0.07
LI_NEWBRDGE___DRP 323616	33.70 2.05 -3.95	30.83 2.39 -0.01	27.52 1.82 -0.02	27.84 1.79 -0.16	28.90 1.84 -0.45	31.03 2.32 -0.02	39.59 2.31 0.00	45.85 3.28 0.00	38.84 2.74 0.00	34.66 2.95 -0.02	35.98 2.87 -1.96	36.47 2.68 -4.04	35.34 2.94 -1.78	36.46 2.95 -1.45	36.65 3.23 -0.15	42.72 3.66 -0.54	48.59 3.70 -6.72	61.02 4.13 -13.88	52.96 3.34 -15.57	49.02 2.63 -19.83	38.34 2.56 -9.69	29.30 2.31 -2.68	29.27 2.14 -4.80	32.69 2.16 -6.26
LOCKPORT_115KV_TB60_63_64 80432	25.98 -1.72 0.00	26.21 -2.22 0.00	24.14 -1.54 0.00	24.45 -1.45 0.00	25.20 -1.41 0.00	27.28 -1.41 0.00	34.97 -2.31 0.00	39.42 -3.15 0.00	33.46 -2.64 0.00	29.92 -1.78 0.00	29.60 -1.56 0.00	28.50 -1.25 0.00	29.03 -1.59 0.00	30.42 -1.63 0.00	30.91 -2.36 0.00	35.01 -3.58 -0.07	35.51 -3.47 -0.81	40.17 -3.91 -1.07	32.94 -2.72 -1.61	26.96 -2.02 -2.41	25.51 -1.88 -1.30	22.17 -1.97 0.18	20.64 -1.70 0.00	23.09 -1.58 -0.40
LOCKPORT___CC1 323769	25.98 -1.72 0.00	26.24 -2.19 0.00	24.16 -1.51 0.00	24.45 -1.45 0.00	25.10 -1.52 0.00	27.31 -1.38 0.00	34.89 -2.39 0.00	39.38 -3.19 0.00	33.14 -2.96 0.00	29.89 -1.81 0.00	29.60 -1.56 0.00	28.50 -1.25 0.00	29.03 -1.59 0.00	30.13 -1.92 0.00	30.91 -2.36 0.00	35.01 -3.58 -0.07	35.51 -3.47 -0.81	40.17 -3.91 -1.07	32.94 -2.73 -1.61	26.97 -2.02 -2.43	25.44 -1.96 -1.31	22.81 -2.45 -0.95	21.04 -1.99 -0.70	23.10 -1.58 -0.40
LOCKPORT___CC2 323770	25.98 -1.72 0.00	26.24 -2.19 0.00	24.16 -1.51 0.00	24.45 -1.45 0.00	25.10 -1.52 0.00	27.31 -1.38 0.00	34.89 -2.39 0.00	39.38 -3.19 0.00	33.14 -2.96 0.00	29.89 -1.81 0.00	29.60 -1.56 0.00	28.50 -1.25 0.00	29.03 -1.59 0.00	30.13 -1.92 0.00	30.91 -2.36 0.00	35.01 -3.58 -0.07	35.51 -3.47 -0.81	40.17 -3.91 -1.07	32.94 -2.73 -1.61	26.97 -2.02 -2.43	25.44 -1.96 -1.31	22.81 -2.45 -0.95	21.04 -1.99 -0.70	23.10 -1.58 -0.40
LOCKPORT___CC3 323771	25.98 -1.72 0.00	26.24 -2.19 0.00	24.16 -1.51 0.00	24.45 -1.45 0.00	25.10 -1.52 0.00	27.31 -1.38 0.00	34.89 -2.39 0.00	39.38 -3.19 0.00	33.14 -2.96 0.00	29.89 -1.81 0.00	29.60 -1.56 0.00	28.50 -1.25 0.00	29.03 -1.59 0.00	30.13 -1.92 0.00	30.91 -2.36 0.00	35.01 -3.58 -0.07	35.51 -3.47 -0.81	40.17 -3.91 -1.07	32.94 -2.73 -1.61	26.97 -2.02 -2.43	25.44 -1.96 -1.31	22.81 -2.45 -0.95	21.04 -1.99 -0.70	23.10 -1.58 -0.40
LONG_LAKE_PHOENIX 24014	27.23 -0.47 0.00	27.86 -0.57 0.00	25.24 -0.44 0.00	25.46 -0.44 0.00	26.16 -0.45 0.00	28.11 -0.57 0.00	36.50 -0.78 0.00	41.72 -0.85 0.00	35.34 -0.76 0.00	31.13 -0.57 0.00	30.60 -0.56 0.00	29.24 -0.51 0.00	30.04 -0.58 0.00	31.45 -0.61 0.00	32.57 -0.70 0.00	37.65 -0.92 -0.05	37.90 -0.84 -0.57	42.87 -0.90 -0.75	34.54 -0.65 -1.14	27.49 -0.50 -1.44	26.37 -0.50 -0.78	23.92 -0.39 0.00	21.95 -0.38 0.00	24.14 -0.36 -0.24
LOVETT___3 23632	29.06 1.36 0.00	29.96 1.53 0.00	26.83 1.16 0.00	27.01 1.11 0.00	27.78 1.17 0.00	30.26 1.58 0.00	39.37 2.09 0.00	45.30 2.72 0.00	38.48 2.38 0.00	33.79 2.09 0.00	33.28 2.12 0.00	31.74 1.99 0.00	32.79 2.17 0.00	34.24 2.18 0.00	35.67 2.40 0.00	41.99 2.93 -0.53	47.73 2.94 -6.63	55.04 3.31 -8.72	49.88 2.69 -13.14	45.25 2.10 -16.59	37.01 1.96 -8.97	26.03 1.73 0.01	23.96 1.63 0.00	28.61 1.58 -2.76
LOVETT___4 23642	29.06 1.36 0.00	29.96 1.53 0.00	26.83 1.16 0.00	27.01 1.11 0.00	27.78 1.17 0.00	30.26 1.58 0.00	39.37 2.09 0.00	45.30 2.72 0.00	38.48 2.38 0.00	33.79 2.09 0.00	33.28 2.12 0.00	31.74 1.99 0.00	32.79 2.17 0.00	34.24 2.18 0.00	35.67 2.40 0.00	41.99 2.93 -0.53	47.73 2.94 -6.63	55.04 3.31 -8.72	49.88 2.69 -13.14	45.25 2.10 -16.59	37.01 1.96 -8.97	26.03 1.73 0.01	23.96 1.63 0.00	28.61 1.58 -2.76
LOVETT___5 23593	29.06 1.36 0.00	29.96 1.53 0.00	26.83 1.16 0.00	27.01 1.11 0.00	27.78 1.17 0.00	30.26 1.58 0.00	39.37 2.09 0.00	45.30 2.72 0.00	38.48 2.38 0.00	33.79 2.09 0.00	33.28 2.12 0.00	31.74 1.99 0.00	32.79 2.17 0.00	34.24 2.18 0.00	35.67 2.40 0.00	41.99 2.93 -0.53	47.73 2.94 -6.63	55.04 3.31 -8.72	49.88 2.69 -13.14	45.25 2.10 -16.59	37.01 1.96 -8.97	26.03 1.73 0.01	23.96 1.63 0.00	28.61 1.58 -2.76
LOWER RAQUET___HYD 24057	28.14 0.44 0.00	29.14 0.71 0.00	26.22 0.54 0.00	26.67 0.78 0.00	27.57 0.96 0.00	29.80 1.12 0.00	38.81 1.53 0.00	43.76 1.19 0.00	36.75 0.65 0.00	32.62 0.92 0.00	31.97 0.81 0.00	30.28 0.54 0.00	31.26 0.64 0.00	32.73 0.67 0.00	33.84 0.57 0.00	38.88 0.35 -0.01	38.12 -0.23 -0.18	42.52 -0.73 -0.23	33.11 -1.29 -0.35	26.11 -0.90 -0.45	25.44 -0.89 -0.24	23.60 -0.92 -0.21	21.50 -0.96 -0.13	23.20 -1.14 -0.07
LOWER___HUDSON 24059	28.78 1.08 0.00	29.56 1.14 0.00	26.65 0.98 0.00	26.85 0.96 0.00	27.62 1.01 0.00	29.89 1.20 0.00	38.99 1.72 0.00	44.58 2.00 0.00	37.83 1.73 0.00	32.97 1.27 0.00	32.37 1.21 0.00	30.85 1.10 0.00	31.78 1.16 0.00	33.31 1.25 0.00	34.73 1.46 0.00	41.03 1.89 -0.62	47.74 1.87 -7.70	55.34 2.19 -10.14	51.00 1.67 -15.28	47.14 1.30 -19.28	37.83 1.33 -10.42	34.43 1.14 -8.98	28.92 1.05 -5.53	28.50 1.02 -3.21
LOWVILLE_115KV_TB2 356335	28.45 0.75 0.00	29.22 0.80 0.00	26.34 0.67 0.00	26.70 0.80 0.00	27.55 0.93 0.00	29.72 1.03 0.00	38.84 1.57 0.00	44.36 1.79 0.00	37.40 1.30 0.00	32.84 1.14 0.00	32.16 1.00 0.00	30.67 0.92 0.00	31.54 0.92 0.00	33.08 1.03 0.00	34.17 0.90 0.00	39.62 1.08 -0.02	39.05 0.61 -0.28	44.11 0.73 -0.37	34.81 0.20 -0.55	27.36 0.11 -0.70	26.49 0.03 -0.38	24.31 0.00 0.00	22.22 -0.11 0.00	24.19 -0.19 -0.12
LUTHERFT_115KV_GLOB_FND_222 355753	29.20 1.50 0.00	30.02 1.59 0.00	27.01 1.34 0.00	27.24 1.35 0.00	28.00 1.38 0.00	30.35 1.66 0.00	39.55 2.27 0.00	45.17 2.60 0.00	38.30 2.20 0.00	33.44 1.74 0.00	32.91 1.75 0.00	31.29 1.55 0.00	32.18 1.56 0.00	33.69 1.63 0.00	35.10 1.83 0.00	41.46 2.31 -0.63	48.26 2.29 -7.81	56.04 2.75 -10.27	51.72 2.18 -15.48	47.77 1.67 -19.53	38.29 1.64 -10.56	25.72 1.41 0.00	23.58 1.25 0.00	28.76 1.24 -3.25

LUTHERNY_35_KV_BK2 355980	29.23 1.52 0.00	30.02 1.59 0.00	27.04 1.36 0.00	27.24 1.35 0.00	28.02 1.41 0.00	30.38 1.69 0.00	39.55 2.27 0.00	45.21 2.64 0.00	38.30 2.20 0.00	33.44 1.74 0.00	32.91 1.75 0.00	31.29 1.55 0.00	32.21 1.59 0.00	33.72 1.67 0.00	35.13 1.86 0.00	41.50 2.35 -0.63	48.30 2.33 -7.81	56.08 2.80 -10.27	51.75 2.21 -15.48	47.80 1.70 -19.53	38.31 1.67 -10.56	25.75 1.43 0.00	23.61 1.27 0.00	28.78 1.26 -3.25
LWR___OSWEGATCHIE_HYD 23850	28.20 0.50 0.00	29.11 0.68 0.00	26.19 0.51 0.00	26.59 0.70 0.00	27.49 0.88 0.00	29.69 1.00 0.00	38.73 1.45 0.00	43.85 1.28 0.00	36.97 0.87 0.00	32.62 0.92 0.00	31.91 0.75 0.00	30.40 0.65 0.00	31.29 0.67 0.00	32.79 0.74 0.00	33.90 0.63 0.00	39.12 0.58 -0.02	38.48 0.08 -0.24	43.24 -0.09 -0.31	33.91 -0.61 -0.47	26.71 -0.45 -0.60	25.94 -0.47 -0.32	23.80 -0.51 0.00	21.75 -0.58 0.00	23.61 -0.75 -0.10
LYONS_FALL_HYD 23570	28.40 0.69 0.00	29.16 0.74 0.00	26.29 0.62 0.00	26.62 0.72 0.00	27.47 0.85 0.00	29.63 0.95 0.00	38.69 1.42 0.00	44.23 1.66 0.00	37.33 1.23 0.00	32.78 1.08 0.00	32.16 1.00 0.00	30.67 0.92 0.00	31.54 0.92 0.00	33.05 0.99 0.00	34.20 0.93 0.00	39.62 1.08 -0.02	39.19 0.76 -0.26	44.30 0.95 -0.34	35.04 0.48 -0.52	27.53 0.32 -0.65	26.70 0.26 -0.35	24.83 0.22 -0.30	22.61 0.09 -0.19	24.45 0.07 -0.11
MADISON___COUNTY_LFGE 323628	28.42 0.72 0.00	29.14 0.71 0.00	26.32 0.64 0.00	26.59 0.70 0.00	27.41 0.80 0.00	29.57 0.89 0.00	38.55 1.27 0.00	44.11 1.53 0.00	37.33 1.23 0.00	32.75 1.05 0.00	32.16 1.00 0.00	30.70 0.95 0.00	31.57 0.95 0.00	33.11 1.06 0.00	34.24 0.96 0.00	39.64 1.08 -0.03	39.65 1.07 -0.42	44.94 1.38 -0.55	35.84 0.95 -0.83	28.33 0.72 -1.05	27.31 0.65 -0.57	24.90 0.58 0.00	22.80 0.47 0.00	24.93 0.49 -0.17
MALONE___115KV_TB1 356076	28.42 0.72 0.00	29.45 1.02 0.00	26.47 0.80 0.00	26.93 1.04 0.00	27.86 1.25 0.00	30.12 1.43 0.00	39.10 1.83 0.00	43.64 1.06 0.00	36.89 0.79 0.00	32.81 1.11 0.00	32.00 0.84 0.00	30.43 0.68 0.00	31.39 0.77 0.00	32.86 0.80 0.00	33.97 0.70 0.00	38.88 0.35 -0.01	37.97 -0.34 -0.15	42.18 -1.03 -0.20	32.71 -1.63 -0.29	25.82 -1.12 -0.37	25.19 -1.10 -0.20	23.24 -1.07 0.00	21.17 -1.16 0.00	22.87 -1.46 -0.06
MAPLEWOD_115KV_TB3 80458	28.48 0.78 0.00	29.25 0.82 0.00	26.34 0.67 0.00	26.54 0.65 0.00	27.28 0.67 0.00	29.54 0.86 0.00	38.47 1.19 0.00	44.02 1.45 0.00	37.33 1.23 0.00	32.62 0.92 0.00	32.03 0.87 0.00	30.55 0.80 0.00	31.45 0.83 0.00	32.95 0.90 0.00	34.37 1.10 0.00	40.57 1.43 -0.62	47.25 1.41 -7.67	54.78 1.68 -10.09	50.56 1.29 -15.21	46.74 0.98 -19.19	37.45 0.99 -10.37	25.14 0.83 0.00	23.07 0.74 0.00	28.17 0.70 -3.20
MAPLE_RIDGE_WT_1 323574	27.67 -0.03 0.00	28.51 0.09 0.00	25.70 0.03 0.00	26.00 0.10 0.00	26.77 0.16 0.00	28.89 0.20 0.00	37.54 0.26 0.00	42.62 0.04 0.00	36.03 -0.07 0.00	31.76 0.06 0.00	31.22 0.06 0.00	29.72 -0.03 0.00	30.62 0.00 0.00	32.09 0.03 0.00	33.24 -0.03 0.00	38.37 -0.15 0.00	37.71 -0.46 0.00	42.15 -0.86 0.00	33.03 -1.02 0.00	25.74 -0.82 0.00	25.23 -0.86 0.00	23.46 -0.85 0.00	21.48 -0.85 0.00	23.30 -0.97 0.00
MAPLE_RIDGE_WT_2 323611	27.67 -0.03 0.00	28.51 0.09 0.00	25.70 0.03 0.00	26.00 0.10 0.00	26.77 0.16 0.00	28.89 0.20 0.00	37.54 0.26 0.00	42.62 0.04 0.00	36.03 -0.07 0.00	31.76 0.06 0.00	31.22 0.06 0.00	29.72 -0.03 0.00	30.62 0.00 0.00	32.09 0.03 0.00	33.24 -0.03 0.00	38.37 -0.15 0.00	37.71 -0.46 0.00	42.15 -0.86 0.00	33.03 -1.02 0.00	25.74 -0.82 0.00	25.23 -0.86 0.00	23.46 -0.85 0.00	21.48 -0.85 0.00	23.30 -0.97 0.00
MARBLE_RIVER_WT_PWR 323696	28.26 0.55 0.00	29.25 0.82 0.00	26.29 0.62 0.00	26.75 0.85 0.00	27.62 1.01 0.00	29.86 1.18 0.00	38.51 1.23 0.00	43.09 0.51 0.00	36.39 0.29 0.00	32.33 0.63 0.00	31.72 0.56 0.00	30.01 0.27 0.00	30.96 0.34 0.00	32.41 0.35 0.00	33.51 0.23 0.00	38.34 -0.19 -0.01	37.38 -0.92 -0.13	41.47 -1.72 -0.18	32.17 -2.14 -0.27	25.36 -1.54 -0.34	24.73 -1.54 -0.18	23.11 -1.36 -0.16	21.02 -1.41 -0.10	22.67 -1.65 -0.06
MARSHVLE_115KV_TB1 80742	29.31 1.61 0.00	30.10 1.68 0.00	27.09 1.41 0.00	27.35 1.45 0.00	28.16 1.54 0.00	30.60 1.92 0.00	40.00 2.72 0.00	45.64 3.07 0.00	38.45 2.35 0.00	33.54 1.84 0.00	32.81 1.65 0.00	31.00 1.25 0.00	31.82 1.19 0.00	33.50 1.44 0.00	34.87 1.60 0.00	41.57 2.35 -0.70	49.37 2.52 -8.69	57.50 3.05 -11.43	53.73 2.45 -17.23	50.20 1.89 -21.75	39.59 1.75 -11.75	25.76 1.46 0.01	23.63 1.30 0.00	29.13 1.24 -3.62
MARSH_HILL_WT_PWR 323713	27.51 -0.19 0.00	27.88 -0.54 0.00	25.55 -0.13 0.00	25.84 -0.05 0.00	26.59 -0.03 0.00	29.03 0.35 0.00	37.57 0.30 0.00	42.70 0.13 0.00	35.92 -0.18 0.00	32.02 0.32 0.00	31.54 0.38 0.00	30.25 0.51 0.00	30.90 0.27 0.00	32.19 0.13 0.00	33.07 -0.20 0.00	37.59 -1.04 -0.11	38.39 -1.07 -1.29	43.50 -1.20 -1.69	35.65 -0.95 -2.55	29.08 -0.93 -3.44	26.75 -1.20 -1.86	24.26 -1.56 -1.50	21.65 -1.68 -0.99	23.24 -1.60 -0.57
MCINTYRE_115KV_TB2 80467	28.42 0.72 0.00	29.48 1.05 0.00	26.47 0.80 0.00	26.98 1.09 0.00	27.92 1.30 0.00	30.20 1.52 0.00	39.40 2.12 0.00	44.32 1.75 0.00	37.22 1.12 0.00	32.97 1.27 0.00	32.13 0.97 0.00	30.55 0.80 0.00	31.54 0.92 0.00	33.05 0.99 0.00	34.14 0.87 0.00	39.31 0.77 -0.01	38.52 0.19 -0.17	43.11 -0.13 -0.22	33.50 -0.89 -0.33	26.43 -0.56 -0.42	25.74 -0.57 -0.23	23.66 -0.66 0.00	21.55 -0.78 0.00	23.34 -0.99 -0.07
MECO_____69_KV_BK1 80468	29.67 1.97 0.00	30.47 2.05 0.00	27.42 1.75 0.00	27.66 1.76 0.00	28.50 1.89 0.00	30.98 2.29 0.00	40.45 3.17 0.00	46.15 3.58 0.00	38.88 2.78 0.00	33.92 2.22 0.00	33.28 2.12 0.00	31.47 1.73 0.00	32.34 1.71 0.00	33.98 1.92 0.00	35.40 2.13 0.00	42.09 2.89 -0.68	49.56 3.02 -8.38	57.73 3.70 -11.02	53.63 2.96 -16.61	49.82 2.28 -20.97	39.58 2.17 -11.33	26.13 1.82 0.01	23.92 1.59 0.00	29.29 1.53 -3.49
MENANDS___115KV_TB5 355628	28.31 0.61 0.00	29.11 0.68 0.00	26.21 0.54 0.00	26.41 0.52 0.00	27.12 0.51 0.00	29.34 0.66 0.00	38.25 0.97 0.00	43.72 1.15 0.00	37.11 1.01 0.00	32.43 0.73 0.00	31.88 0.72 0.00	30.37 0.62 0.00	31.29 0.67 0.00	32.76 0.71 0.00	34.17 0.90 0.00	40.34 1.19 -0.62	47.01 1.18 -7.66	54.47 1.38 -10.07	50.30 1.06 -15.19	46.55 0.82 -19.16	37.28 0.83 -10.36	25.02 0.71 0.00	22.96 0.63 0.00	28.06 0.61 -3.19
MG INDUSTRY___DRP 24185	28.34 0.64 0.00	29.14 0.71 0.00	26.27 0.59 0.00	26.47 0.57 0.00	27.17 0.56 0.00	29.37 0.69 0.00	38.21 0.93 0.00	43.64 1.06 0.00	36.97 0.87 0.00	32.27 0.57 0.00	31.72 0.56 0.00	30.22 0.48 0.00	31.11 0.49 0.00	32.60 0.54 0.00	34.00 0.73 0.00	40.17 1.04 -0.61	46.73 1.03 -7.54	54.14 1.20 -9.92	49.96 0.95 -14.95	46.17 0.74 -18.86	37.04 0.76 -10.19	24.94 0.63 0.00	22.91 0.58 0.00	27.97 0.56 -3.14

MID___OSWEGATCHIE_HYD 23849	28.20 0.50 0.00	29.11 0.68 0.00	26.19 0.51 0.00	26.59 0.70 0.00	27.49 0.88 0.00	29.69 1.00 0.00	38.73 1.45 0.00	43.85 1.28 0.00	36.97 0.87 0.00	32.62 0.92 0.00	31.91 0.75 0.00	30.40 0.65 0.00	31.29 0.67 0.00	32.79 0.74 0.00	33.90 0.63 0.00	39.12 0.58 -0.02	38.48 0.08 -0.24	43.24 -0.09 -0.31	33.91 -0.61 -0.47	26.71 -0.45 -0.60	25.94 -0.47 -0.32	23.80 -0.51 0.00	21.75 -0.58 0.00	23.61 -0.75 -0.10
MID___RAQUETTE_HYD 23851	28.15 0.44 0.00	29.14 0.71 0.00	26.21 0.54 0.00	26.67 0.78 0.00	27.57 0.96 0.00	29.80 1.12 0.00	38.81 1.53 0.00	43.60 1.02 0.00	36.75 0.65 0.00	32.62 0.92 0.00	31.82 0.65 0.00	30.28 0.54 0.00	31.26 0.64 0.00	32.73 0.67 0.00	33.84 0.57 0.00	38.88 0.35 -0.01	38.11 -0.23 -0.18	42.52 -0.73 -0.23	33.11 -1.29 -0.35	26.11 -0.90 -0.45	25.44 -0.89 -0.24	23.39 -0.92 0.00	21.35 -0.98 0.00	23.13 -1.21 -0.07
MILLIKEN___1 23584	28.15 0.44 0.00	28.77 0.34 0.00	26.09 0.41 0.00	26.31 0.41 0.00	27.07 0.45 0.00	29.23 0.54 0.00	38.06 0.78 0.00	43.51 0.94 0.00	36.78 0.69 0.00	32.37 0.67 0.00	31.78 0.62 0.00	30.37 0.62 0.00	31.17 0.55 0.00	32.67 0.61 0.00	33.77 0.50 0.00	39.02 0.39 -0.11	40.10 0.57 -1.37	45.59 0.77 -1.80	37.44 0.68 -2.71	30.50 0.48 -3.46	28.40 0.44 -1.87	24.68 0.39 0.02	22.62 0.29 0.00	25.13 0.29 -0.58
MILLIKEN___2 23585	28.15 0.44 0.00	28.77 0.34 0.00	26.09 0.41 0.00	26.31 0.41 0.00	27.07 0.45 0.00	29.23 0.54 0.00	38.06 0.78 0.00	43.51 0.94 0.00	36.78 0.69 0.00	32.37 0.67 0.00	31.78 0.62 0.00	30.37 0.62 0.00	31.17 0.55 0.00	32.67 0.61 0.00	33.77 0.50 0.00	39.02 0.39 -0.11	40.10 0.57 -1.37	45.59 0.77 -1.80	37.44 0.68 -2.71	30.50 0.48 -3.46	28.40 0.44 -1.87	24.68 0.39 0.02	22.62 0.29 0.00	25.13 0.29 -0.58
MILLIKEN___DIESEL 23629	28.15 0.44 0.00	28.77 0.34 0.00	26.09 0.41 0.00	26.31 0.41 0.00	27.07 0.45 0.00	29.23 0.54 0.00	38.06 0.78 0.00	43.51 0.94 0.00	36.78 0.69 0.00	32.37 0.67 0.00	31.78 0.62 0.00	30.37 0.62 0.00	31.17 0.55 0.00	32.67 0.61 0.00	33.77 0.50 0.00	39.02 0.39 -0.11	40.10 0.57 -1.37	45.59 0.77 -1.80	37.44 0.68 -2.71	30.50 0.48 -3.46	28.40 0.44 -1.87	24.68 0.39 0.02	22.62 0.29 0.00	25.13 0.29 -0.58
MILLSEAT___LFGE 323607	26.40 -1.30 0.00	26.64 -1.79 0.00	24.50 -1.18 0.00	24.78 -1.11 0.00	25.44 -1.17 0.00	27.71 -0.98 0.00	35.53 -1.75 0.00	40.23 -2.34 0.00	33.86 -2.24 0.00	30.43 -1.27 0.00	30.10 -1.06 0.00	29.00 -0.74 0.00	29.55 -1.07 0.00	30.68 -1.38 0.00	31.51 -1.76 0.00	35.74 -2.85 -0.07	36.31 -2.67 -0.82	41.12 -2.97 -1.07	33.66 -2.01 -1.61	27.48 -1.43 -2.35	25.90 -1.46 -1.27	23.29 -1.97 -0.95	21.42 -1.59 -0.67	23.47 -1.19 -0.39
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	29.12 1.41 0.00	30.05 1.62 0.00	26.91 1.23 0.00	27.09 1.19 0.00	27.84 1.22 0.00	30.32 1.63 0.00	39.44 2.16 0.00	45.38 2.81 0.00	38.59 2.49 0.00	33.86 2.16 0.00	33.37 2.21 0.00	31.83 2.08 0.00	32.89 2.27 0.00	34.33 2.28 0.00	35.77 2.50 0.00	42.11 3.04 -0.54	47.88 3.02 -6.70	55.22 3.40 -8.81	50.09 2.76 -13.28	45.46 2.12 -16.77	37.13 1.98 -9.06	26.08 1.77 0.01	23.99 1.65 0.00	28.69 1.63 -2.79
MILLWOOD_13_KV_LOAD 356217	29.17 1.47 0.00	30.10 1.68 0.00	26.96 1.28 0.00	27.14 1.24 0.00	27.89 1.28 0.00	30.40 1.72 0.00	39.55 2.27 0.00	45.47 2.90 0.00	38.66 2.56 0.00	33.95 2.25 0.00	33.47 2.31 0.00	31.92 2.17 0.00	32.98 2.36 0.00	34.43 2.37 0.00	35.87 2.60 0.00	42.22 3.16 -0.54	47.99 3.13 -6.70	55.31 3.48 -8.81	50.16 2.83 -13.28	45.51 2.18 -16.77	37.18 2.03 -9.06	26.11 1.80 0.01	24.03 1.70 0.00	28.71 1.65 -2.79
MODEL_CITY_ENERGY 24167	25.68 -2.02 0.00	25.92 -2.50 0.00	23.88 -1.80 0.00	24.16 -1.73 0.00	24.80 -1.81 0.00	26.96 -1.72 0.00	34.44 -2.83 0.00	38.83 -3.75 0.00	32.67 -3.43 0.00	29.51 -2.19 0.00	29.23 -1.93 0.00	28.14 -1.61 0.00	28.63 -1.99 0.00	29.72 -2.34 0.00	30.51 -2.76 0.00	34.55 -4.04 -0.07	35.00 -3.97 -0.81	39.65 -4.43 -1.06	32.52 -3.13 -1.60	26.71 -2.31 -2.45	25.17 -2.24 -1.33	22.55 -2.70 -0.94	20.85 -2.19 -0.70	22.88 -1.80 -0.41
MODERN_LFGE___ 323580	25.68 -2.02 0.00	25.92 -2.50 0.00	23.88 -1.80 0.00	24.16 -1.73 0.00	24.80 -1.81 0.00	26.96 -1.72 0.00	34.44 -2.83 0.00	38.83 -3.75 0.00	32.67 -3.43 0.00	29.51 -2.19 0.00	29.23 -1.93 0.00	28.14 -1.61 0.00	28.63 -1.99 0.00	29.72 -2.34 0.00	30.51 -2.76 0.00	34.55 -4.04 -0.07	35.00 -3.97 -0.81	39.65 -4.43 -1.06	32.52 -3.13 -1.60	26.71 -2.31 -2.45	25.17 -2.24 -1.33	22.55 -2.70 -0.94	20.85 -2.19 -0.70	22.88 -1.80 -0.41
MOHAWK_PAPER___DRP 24187	28.48 0.78 0.00	29.25 0.82 0.00	26.34 0.67 0.00	26.54 0.65 0.00	27.28 0.67 0.00	29.54 0.86 0.00	38.47 1.19 0.00	44.02 1.45 0.00	37.33 1.23 0.00	32.62 0.92 0.00	32.03 0.87 0.00	30.55 0.80 0.00	31.45 0.83 0.00	32.95 0.90 0.00	34.37 1.10 0.00	40.57 1.43 -0.62	47.25 1.41 -7.67	54.78 1.68 -10.09	50.56 1.29 -15.21	46.74 0.98 -19.19	37.45 0.99 -10.37	25.14 0.83 0.00	23.07 0.74 0.00	28.17 0.70 -3.20
MOHICAN___35_KV_115KV_LD 80490	29.64 1.94 0.00	30.44 2.02 0.00	27.40 1.72 0.00	27.63 1.74 0.00	28.42 1.81 0.00	30.83 2.15 0.00	40.22 2.94 0.00	45.98 3.41 0.00	38.91 2.82 0.00	33.95 2.25 0.00	33.44 2.27 0.00	31.74 1.99 0.00	32.61 1.99 0.00	34.11 2.05 0.00	35.53 2.26 0.00	42.00 2.85 -0.63	48.80 2.82 -7.81	56.78 3.48 -10.28	52.27 2.72 -15.49	48.21 2.10 -19.55	38.71 2.06 -10.57	26.04 1.73 0.00	23.87 1.54 0.00	29.03 1.50 -3.26
MONGAUP___HYD 23641	29.14 1.44 0.00	30.02 1.59 0.00	26.96 1.28 0.00	27.11 1.22 0.00	27.92 1.30 0.00	30.40 1.72 0.00	39.59 2.31 0.00	45.30 2.73 0.00	38.48 2.38 0.00	33.57 1.87 0.00	32.97 1.81 0.00	31.41 1.66 0.00	32.43 1.81 0.00	33.98 1.92 0.00	35.37 2.10 0.00	41.73 2.70 -0.51	47.36 2.82 -6.37	54.58 3.18 -8.38	49.30 2.62 -12.63	44.53 2.02 -15.95	36.61 1.90 -8.62	33.41 1.68 -7.42	28.43 1.52 -4.58	28.40 1.48 -2.66
MONTAUK___DIESEL 23721	34.67 3.10 -3.87	31.99 3.55 -0.01	28.65 2.95 -0.02	28.95 2.90 -0.16	30.06 3.01 -0.44	32.24 3.53 -0.02	40.97 3.69 0.00	47.68 5.11 0.00	40.00 3.90 0.00	35.77 4.06 -0.02	37.42 4.24 -2.02	37.94 4.02 -4.18	36.59 4.13 -1.84	37.85 4.30 -1.50	38.25 4.82 -0.16	44.23 5.16 -0.54	50.73 5.84 -6.72	63.43 6.37 -14.05	54.84 5.14 -15.64	50.64 4.14 -19.93	39.68 3.89 -9.71	30.60 3.53 -2.76	30.09 3.06 -4.70	33.52 3.06 -6.19
MOONROAD_115KV_HARTFLD_TB1-2 355988	26.98 -0.72 0.00	27.17 -1.25 0.00	25.14 -0.54 0.00	25.48 -0.41 0.00	26.29 -0.32 0.00	28.65 -0.03 0.00	36.98 -0.30 0.00	42.02 -0.55 0.00	35.56 -0.54 0.00	31.76 0.06 0.00	31.44 0.28 0.00	30.25 0.51 0.00	30.80 0.18 0.00	32.25 0.19 0.00	32.77 -0.50 0.00	36.52 -2.08 -0.08	37.00 -2.10 -0.94	41.41 -2.84 -1.23	33.49 -2.42 -1.85	27.24 -2.10 -2.78	25.47 -2.11 -1.50	21.73 -2.38 0.20	20.08 -2.26 0.00	22.52 -2.21 -0.46

MORRIS_RIDGE___SOLAR 323848	27.01 -0.69 0.00	27.35 -1.08 0.00	25.09 -0.59 0.00	25.38 -0.52 0.00	26.08 -0.53 0.00	28.42 -0.26 0.00	36.64 -0.63 0.00	41.60 -0.98 0.00	35.02 -1.08 0.00	31.32 -0.38 0.00	30.88 -0.28 0.00	29.66 -0.09 0.00	30.28 -0.34 0.00	31.51 -0.55 0.00	32.41 -0.87 0.00	36.85 -1.77 -0.10	37.58 -1.79 -1.21	42.59 -2.02 -1.59	34.95 -1.50 -2.40	28.64 -1.25 -3.33	26.53 -1.36 -1.80	24.02 -1.70 -1.41	21.70 -1.59 -0.96	23.46 -1.36 -0.55
MORTIMER_115KV_TB3 55949	26.62 -1.08 0.00	27.03 -1.39 0.00	24.67 -1.00 0.00	24.94 -0.96 0.00	25.68 -0.93 0.00	27.74 -0.95 0.00	35.82 -1.45 0.00	40.70 -1.87 0.00	34.55 -1.55 0.00	30.69 -1.01 0.00	30.26 -0.90 0.00	29.06 -0.68 0.00	29.73 -0.89 0.00	31.10 -0.96 0.00	31.87 -1.40 0.00	36.66 -1.93 -0.07	37.23 -1.76 -0.82	42.21 -1.89 -1.08	34.49 -1.19 -1.63	27.75 -0.85 -2.04	26.38 -0.81 -1.10	23.47 -0.85 -0.01	21.57 -0.76 0.00	23.93 -0.68 -0.34
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	29.34 1.63 0.00	30.33 1.90 0.00	27.06 1.39 0.00	27.24 1.35 0.00	28.00 1.38 0.00	30.49 1.81 0.00	39.66 2.39 0.00	45.68 3.11 0.00	38.88 2.78 0.00	34.14 2.44 0.00	33.68 2.52 0.00	32.13 2.38 0.00	33.19 2.57 0.00	34.65 2.60 0.00	36.07 2.79 0.00	42.46 3.39 -0.54	48.20 3.32 -6.72	55.55 3.70 -8.84	50.37 3.00 -13.32	45.72 2.34 -16.82	37.31 2.14 -9.09	26.25 1.94 0.01	24.16 1.83 0.00	28.89 1.82 -2.80
MUNSVILLE_WIND_PWR 323609	29.86 2.16 0.00	30.53 2.10 0.00	27.58 1.90 0.00	28.02 2.12 0.00	28.87 2.26 0.00	31.32 2.64 0.00	41.04 3.76 0.00	47.08 4.51 0.00	39.64 3.54 0.00	34.74 3.04 0.00	34.03 2.86 0.00	32.57 2.83 0.00	33.41 2.79 0.00	35.07 3.01 0.00	36.07 2.80 0.00	41.97 3.27 -0.17	43.60 3.32 -2.11	50.14 4.34 -2.78	41.41 3.17 -4.19	34.27 2.36 -5.34	31.14 2.16 -2.89	28.65 1.87 -2.46	25.36 1.50 -1.53	26.76 1.60 -0.89
N SALMON___HYD 24042	28.42 0.72 0.00	29.45 1.02 0.00	26.47 0.80 0.00	26.93 1.04 0.00	27.86 1.25 0.00	30.12 1.43 0.00	39.10 1.83 0.00	43.85 1.28 0.00	36.89 0.79 0.00	32.81 1.11 0.00	32.16 1.00 0.00	30.43 0.68 0.00	31.39 0.77 0.00	32.86 0.80 0.00	33.97 0.70 0.00	38.88 0.35 -0.01	37.97 -0.34 -0.15	42.18 -1.03 -0.20	32.71 -1.63 -0.29	25.82 -1.11 -0.37	25.19 -1.09 -0.20	23.42 -1.07 -0.17	21.30 -1.14 -0.11	22.97 -1.36 -0.06
N.AKRON__115KV_KNAPP 355671	26.40 -1.30 0.00	26.63 -1.79 0.00	24.49 -1.18 0.00	24.78 -1.11 0.00	25.58 -1.04 0.00	27.71 -0.98 0.00	35.60 -1.68 0.00	40.23 -2.34 0.00	34.15 -1.95 0.00	30.50 -1.20 0.00	30.13 -1.03 0.00	29.00 -0.74 0.00	29.55 -1.07 0.00	30.93 -1.12 0.00	31.47 -1.80 0.00	35.74 -2.85 -0.07	36.27 -2.71 -0.82	41.08 -3.01 -1.07	33.66 -2.01 -1.61	27.44 -1.49 -2.36	25.95 -1.41 -1.28	22.63 -1.53 0.15	21.02 -1.32 0.00	23.47 -1.19 -0.39
N.BELMOR_69_KV_BK1 55787	33.33 2.19 -3.44	30.91 2.47 -0.01	27.59 1.90 -0.02	27.90 1.86 -0.14	28.92 1.92 -0.39	31.11 2.41 -0.02	39.78 2.50 0.00	46.02 3.45 0.00	39.02 2.92 0.00	34.76 3.04 -0.01	36.56 2.99 -2.41	37.55 2.83 -4.98	35.84 3.03 -2.19	36.92 3.08 -1.79	36.82 3.36 -0.19	42.88 3.81 -0.54	48.82 3.93 -6.73	62.45 4.39 -15.04	53.68 3.54 -16.09	49.85 2.76 -20.52	38.57 2.66 -9.82	29.94 2.41 -3.22	28.77 2.26 -4.18	32.36 2.28 -5.82
N.E_GEN_SANDY PD 24062	28.81 1.11 0.00	29.65 1.22 0.00	26.65 0.98 0.00	26.85 0.96 0.00	27.60 1.01 0.02	30.00 1.29 -0.02	39.91 1.79 -0.84	46.18 2.21 -1.40	37.61 1.95 0.44	33.16 1.46 0.00	32.50 1.34 0.00	31.02 1.28 0.00	32.00 1.38 0.00	33.56 1.51 0.00	35.00 1.73 0.00	41.30 2.19 -0.58	47.59 2.21 -7.21	55.00 2.49 -9.49	50.30 1.94 -14.31	45.50 1.49 -17.45	37.97 1.51 -10.37	34.05 1.34 -8.41	29.82 1.23 -6.26	27.39 1.19 -1.93
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	29.09 1.39 0.00	29.99 1.56 0.00	26.86 1.18 0.00	27.06 1.17 0.00	27.81 1.20 0.00	30.32 1.63 0.00	39.44 2.16 0.00	45.38 2.81 0.00	38.55 2.45 0.00	33.82 2.12 0.00	33.34 2.18 0.00	31.80 2.05 0.00	32.86 2.24 0.00	34.30 2.24 0.00	35.73 2.46 0.00	42.06 3.00 -0.53	47.79 3.02 -6.61	55.11 3.40 -8.70	49.92 2.76 -13.11	45.27 2.15 -16.55	37.04 2.01 -8.95	26.08 1.77 0.01	24.01 1.67 0.00	28.63 1.60 -2.76
N.QUEENS_27_KV_LOAD 356247	29.45 1.75 0.00	30.39 1.96 0.00	27.14 1.46 0.00	27.29 1.40 0.00	28.02 1.41 0.00	30.35 1.66 0.00	39.29 2.01 0.00	45.17 2.60 0.00	38.59 2.49 0.00	33.95 2.25 0.00	33.56 2.40 0.00	32.01 2.26 0.00	33.07 2.45 0.00	34.46 2.40 0.00	35.87 2.60 0.00	42.22 3.16 -0.54	47.86 2.98 -6.72	55.12 3.27 -8.84	50.06 2.69 -13.32	45.45 2.07 -16.82	37.08 1.90 -9.09	26.06 1.75 0.01	24.21 1.88 0.00	29.15 2.09 -2.80
N.TROY___115KV_TB1 355778	28.78 1.08 0.00	29.56 1.14 0.00	26.65 0.98 0.00	26.85 0.96 0.00	27.60 0.98 0.00	29.89 1.20 0.00	38.96 1.68 0.00	44.58 2.00 0.00	37.80 1.70 0.00	32.97 1.27 0.00	32.38 1.22 0.00	30.85 1.10 0.00	31.78 1.16 0.00	33.28 1.22 0.00	34.73 1.46 0.00	40.99 1.85 -0.62	47.74 1.87 -7.70	55.34 2.19 -10.14	51.00 1.67 -15.28	47.14 1.30 -19.28	37.83 1.33 -10.42	25.45 1.14 0.00	23.36 1.03 0.00	28.50 1.02 -3.21
NARROWS_GT1_1 24228	29.64 1.94 0.00	30.69 2.25 -0.02	27.29 1.62 0.00	27.45 1.55 0.00	28.24 1.62 0.00	30.63 1.95 0.00	39.85 2.57 0.00	45.77 3.19 0.00	39.06 2.96 0.00	34.27 2.57 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.35 2.72 0.00	34.91 2.85 0.00	36.23 2.96 0.00	42.69 3.62 -0.54	48.28 3.40 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.77 2.39 -16.82	37.34 2.16 -9.09	34.28 2.14 -7.82	29.13 1.97 -4.83	29.11 2.04 -2.80
NARROWS_GT1_2 24229	29.64 1.94 0.00	30.69 2.25 -0.02	27.29 1.62 0.00	27.45 1.55 0.00	28.24 1.62 0.00	30.63 1.95 0.00	39.85 2.57 0.00	45.77 3.19 0.00	39.06 2.96 0.00	34.27 2.57 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.35 2.72 0.00	34.91 2.85 0.00	36.23 2.96 0.00	42.69 3.62 -0.54	48.28 3.40 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.77 2.39 -16.82	37.34 2.16 -9.09	34.28 2.14 -7.82	29.13 1.97 -4.83	29.11 2.04 -2.80
NARROWS_GT1_3 24230	29.64 1.94 0.00	30.69 2.25 -0.02	27.29 1.62 0.00	27.45 1.55 0.00	28.24 1.62 0.00	30.63 1.95 0.00	39.85 2.57 0.00	45.77 3.19 0.00	39.06 2.96 0.00	34.27 2.57 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.35 2.72 0.00	34.91 2.85 0.00	36.23 2.96 0.00	42.69 3.62 -0.54	48.28 3.40 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.77 2.39 -16.82	37.34 2.16 -9.09	34.28 2.14 -7.82	29.13 1.97 -4.83	29.11 2.04 -2.80
NARROWS_GT1_4 24231	29.64 1.94 0.00	30.69 2.25 -0.02	27.29 1.62 0.00	27.45 1.55 0.00	28.24 1.62 0.00	30.63 1.95 0.00	39.85 2.57 0.00	45.77 3.19 0.00	39.06 2.96 0.00	34.27 2.57 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.35 2.72 0.00	34.91 2.85 0.00	36.23 2.96 0.00	42.69 3.62 -0.54	48.28 3.40 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.77 2.39 -16.82	37.34 2.16 -9.09	34.28 2.14 -7.82	29.13 1.97 -4.83	29.11 2.04 -2.80

NARROWS_GT1_5 24232	29.64 1.94 0.00	30.69 2.25 -0.02	27.29 1.62 0.00	27.45 1.55 0.00	28.24 1.62 0.00	30.63 1.95 0.00	39.85 2.57 0.00	45.77 3.19 0.00	39.06 2.96 0.00	34.27 2.57 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.35 2.72 0.00	34.91 2.85 0.00	36.23 2.96 0.00	42.69 3.62 -0.54	48.28 3.40 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.77 2.39 -16.82	37.34 2.16 -9.09	34.28 2.14 -7.82	29.13 1.97 -4.83	29.11 2.04 -2.80
NARROWS_GT1_6 24233	29.64 1.94 0.00	30.69 2.25 -0.02	27.29 1.62 0.00	27.45 1.55 0.00	28.24 1.62 0.00	30.63 1.95 0.00	39.85 2.57 0.00	45.77 3.19 0.00	39.06 2.96 0.00	34.27 2.57 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.35 2.72 0.00	34.91 2.85 0.00	36.23 2.96 0.00	42.69 3.62 -0.54	48.28 3.40 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.77 2.39 -16.82	37.34 2.16 -9.09	34.28 2.14 -7.82	29.13 1.97 -4.83	29.11 2.04 -2.80
NARROWS_GT1_7 24234	29.64 1.94 0.00	30.69 2.25 -0.02	27.29 1.62 0.00	27.45 1.55 0.00	28.24 1.62 0.00	30.63 1.95 0.00	39.85 2.57 0.00	45.77 3.19 0.00	39.06 2.96 0.00	34.27 2.57 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.35 2.72 0.00	34.91 2.85 0.00	36.23 2.96 0.00	42.69 3.62 -0.54	48.28 3.40 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.77 2.39 -16.82	37.34 2.16 -9.09	34.28 2.14 -7.82	29.13 1.97 -4.83	29.11 2.04 -2.80
NARROWS_GT1_8 24235	29.64 1.94 0.00	30.69 2.25 -0.02	27.29 1.62 0.00	27.45 1.55 0.00	28.24 1.62 0.00	30.63 1.95 0.00	39.85 2.57 0.00	45.77 3.19 0.00	39.06 2.96 0.00	34.27 2.57 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.35 2.72 0.00	34.91 2.85 0.00	36.23 2.96 0.00	42.69 3.62 -0.54	48.28 3.40 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.77 2.39 -16.82	37.34 2.16 -9.09	34.28 2.14 -7.82	29.13 1.97 -4.83	29.11 2.04 -2.80
NARROWS_GT2_1 24236	29.64 1.94 0.00	30.69 2.25 -0.02	27.29 1.62 0.00	27.45 1.55 0.00	28.24 1.62 0.00	30.63 1.95 0.00	39.85 2.57 0.00	45.77 3.19 0.00	39.06 2.96 0.00	34.27 2.57 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.35 2.72 0.00	34.91 2.85 0.00	36.23 2.96 0.00	42.69 3.62 -0.54	48.28 3.40 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.77 2.39 -16.82	37.34 2.16 -9.09	34.28 2.14 -7.82	29.13 1.97 -4.83	29.11 2.04 -2.80
NARROWS_GT2_2 24237	29.64 1.94 0.00	30.69 2.25 -0.02	27.29 1.62 0.00	27.45 1.55 0.00	28.24 1.62 0.00	30.63 1.95 0.00	39.85 2.57 0.00	45.77 3.19 0.00	39.06 2.96 0.00	34.27 2.57 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.35 2.72 0.00	34.91 2.85 0.00	36.23 2.96 0.00	42.69 3.62 -0.54	48.28 3.40 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.77 2.39 -16.82	37.34 2.16 -9.09	34.28 2.14 -7.82	29.13 1.97 -4.83	29.11 2.04 -2.80
NARROWS_GT2_3 24238	29.64 1.94 0.00	30.69 2.25 -0.02	27.29 1.62 0.00	27.45 1.55 0.00	28.24 1.62 0.00	30.63 1.95 0.00	39.85 2.57 0.00	45.77 3.19 0.00	39.06 2.96 0.00	34.27 2.57 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.35 2.72 0.00	34.91 2.85 0.00	36.23 2.96 0.00	42.69 3.62 -0.54	48.28 3.40 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.77 2.39 -16.82	37.34 2.16 -9.09	34.28 2.14 -7.82	29.13 1.97 -4.83	29.11 2.04 -2.80
NARROWS_GT2_4 24239	29.64 1.94 0.00	30.69 2.25 -0.02	27.29 1.62 0.00	27.45 1.55 0.00	28.24 1.62 0.00	30.63 1.95 0.00	39.85 2.57 0.00	45.77 3.19 0.00	39.06 2.96 0.00	34.27 2.57 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.35 2.72 0.00	34.91 2.85 0.00	36.23 2.96 0.00	42.69 3.62 -0.54	48.28 3.40 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.77 2.39 -16.82	37.34 2.16 -9.09	34.28 2.14 -7.82	29.13 1.97 -4.83	29.11 2.04 -2.80
NARROWS_GT2_5 24240	29.64 1.94 0.00	30.69 2.25 -0.02	27.29 1.62 0.00	27.45 1.55 0.00	28.24 1.62 0.00	30.63 1.95 0.00	39.85 2.57 0.00	45.77 3.19 0.00	39.06 2.96 0.00	34.27 2.57 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.35 2.72 0.00	34.91 2.85 0.00	36.23 2.96 0.00	42.69 3.62 -0.54	48.28 3.40 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.77 2.39 -16.82	37.34 2.16 -9.09	34.28 2.14 -7.82	29.13 1.97 -4.83	29.11 2.04 -2.80
NARROWS_GT2_6 24241	29.64 1.94 0.00	30.69 2.25 -0.02	27.29 1.62 0.00	27.45 1.55 0.00	28.24 1.62 0.00	30.63 1.95 0.00	39.85 2.57 0.00	45.77 3.19 0.00	39.06 2.96 0.00	34.27 2.57 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.35 2.72 0.00	34.91 2.85 0.00	36.23 2.96 0.00	42.69 3.62 -0.54	48.28 3.40 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.77 2.39 -16.82	37.34 2.16 -9.09	34.28 2.14 -7.82	29.13 1.97 -4.83	29.11 2.04 -2.80
NARROWS_GT2_7 24242	29.64 1.94 0.00	30.69 2.25 -0.02	27.29 1.62 0.00	27.45 1.55 0.00	28.24 1.62 0.00	30.63 1.95 0.00	39.85 2.57 0.00	45.77 3.19 0.00	39.06 2.96 0.00	34.27 2.57 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.35 2.72 0.00	34.91 2.85 0.00	36.23 2.96 0.00	42.69 3.62 -0.54	48.28 3.40 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.77 2.39 -16.82	37.34 2.16 -9.09	34.28 2.14 -7.82	29.13 1.97 -4.83	29.11 2.04 -2.80
NARROWS_GT2_8 24243	29.64 1.94 0.00	30.69 2.25 -0.02	27.29 1.62 0.00	27.45 1.55 0.00	28.24 1.62 0.00	30.63 1.95 0.00	39.85 2.57 0.00	45.77 3.19 0.00	39.06 2.96 0.00	34.27 2.57 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.35 2.72 0.00	34.91 2.85 0.00	36.23 2.96 0.00	42.69 3.62 -0.54	48.28 3.40 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.77 2.39 -16.82	37.34 2.16 -9.09	34.28 2.14 -7.82	29.13 1.97 -4.83	29.11 2.04 -2.80
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	28.56 0.86 0.00	29.28 0.85 0.00	26.45 0.77 0.00	26.65 0.75 0.00	27.39 0.77 0.00	29.66 0.98 0.00	38.69 1.42 0.00	44.11 1.53 0.00	37.29 1.19 0.00	32.30 0.60 0.00	31.69 0.53 0.00	30.10 0.36 0.00	31.02 0.40 0.00	32.51 0.45 0.00	34.00 0.73 0.00	40.27 1.16 -0.59	46.80 1.26 -7.37	54.30 1.59 -9.70	49.93 1.26 -14.62	45.95 0.93 -18.45	37.02 0.97 -9.97	25.06 0.75 0.00	23.00 0.67 0.00	27.95 0.61 -3.07
NCHELSEA_115KV_TR2 355582	29.17 1.47 0.00	30.05 1.62 0.00	26.96 1.28 0.00	27.14 1.24 0.00	27.89 1.28 0.00	30.38 1.69 0.00	39.55 2.27 0.00	45.47 2.90 0.00	38.63 2.53 0.00	33.82 2.12 0.00	33.31 2.15 0.00	31.71 1.96 0.00	32.79 2.17 0.00	34.27 2.21 0.00	35.73 2.46 0.00	42.11 3.04 -0.54	47.96 3.05 -6.74	55.24 3.36 -8.87	50.15 2.72 -13.37	45.51 2.07 -16.88	37.19 1.98 -9.12	26.01 1.70 0.01	23.96 1.63 0.00	28.66 1.58 -2.81
NEG CAPITAL___MECHNVIL 23645	29.20 1.49 0.00	29.99 1.56 0.00	27.01 1.33 0.00	27.22 1.32 0.00	28.00 1.38 0.00	30.35 1.66 0.00	39.55 2.27 0.00	45.21 2.64 0.00	38.34 2.24 0.00	33.44 1.74 0.00	32.90 1.74 0.00	31.29 1.55 0.00	32.21 1.59 0.00	33.75 1.70 0.00	35.13 1.86 0.00	41.54 2.39 -0.63	48.31 2.37 -7.78	56.08 2.84 -10.23	51.69 2.21 -15.42	47.72 1.70 -19.45	38.30 1.69 -10.51	34.83 1.46 -9.06	29.21 1.29 -5.58	28.77 1.26 -3.24

NEG CENTRAL_HIGH_ACRES 23767	26.35 -1.36 0.00	26.81 -1.62 0.00	24.42 -1.26 0.00	24.65 -1.24 0.00	25.34 -1.28 0.00	27.42 -1.26 0.00	35.45 -1.83 0.00	40.40 -2.17 0.00	34.15 -1.95 0.00	30.40 -1.30 0.00	29.98 -1.18 0.00	28.77 -0.98 0.00	29.46 -1.16 0.00	30.68 -1.38 0.00	31.64 -1.63 0.00	36.35 -2.24 -0.06	36.99 -1.99 -0.81	41.89 -2.19 -1.07	34.16 -1.50 -1.61	27.46 -1.09 -1.99	26.04 -1.12 -1.07	23.89 -1.36 -0.94	21.77 -1.14 -0.57	23.63 -0.97 -0.33
NEG CENTRAL___DRP 24199	27.54 -0.17 0.00	28.08 -0.34 0.00	25.52 -0.15 0.00	25.74 -0.16 0.00	26.51 -0.11 0.00	28.65 -0.03 0.00	37.24 -0.04 0.00	42.45 -0.13 0.00	35.99 -0.11 0.00	31.76 0.06 0.00	31.22 0.06 0.00	29.86 0.12 0.00	30.62 0.00 0.00	32.06 0.00 0.00	33.10 -0.17 0.00	37.98 -0.62 -0.07	38.63 -0.42 -0.89	43.80 -0.39 -1.17	35.71 -0.10 -1.76	28.66 -0.13 -2.23	27.11 -0.18 -1.21	24.09 -0.22 0.01	22.09 -0.25 0.00	24.37 -0.27 -0.37
NEG CENTRAL___INDECK 23768	27.59 -0.11 0.00	27.94 -0.48 0.00	25.57 -0.10 0.00	25.84 -0.05 0.00	26.59 -0.03 0.00	28.97 0.29 0.00	37.54 0.26 0.00	42.79 0.21 0.00	35.88 -0.22 0.00	31.86 0.16 0.00	31.29 0.13 0.00	29.98 0.24 0.00	30.62 0.00 0.00	31.90 -0.16 0.00	32.87 -0.40 0.00	37.65 -0.96 -0.09	38.66 -0.61 -1.11	44.00 -0.47 -1.45	36.18 -0.07 -2.19	29.40 -0.05 -2.89	27.42 -0.24 -1.56	24.89 -0.71 -1.29	22.56 -0.60 -0.83	24.36 -0.39 -0.48
NEG CENTRAL___SENECA 23627	27.56 -0.14 0.00	28.03 -0.40 0.00	25.55 -0.13 0.00	25.79 -0.10 0.00	26.59 -0.03 0.00	28.80 0.11 0.00	37.43 0.15 0.00	42.53 -0.04 0.00	36.10 0.00 0.00	31.92 0.22 0.00	31.38 0.22 0.00	30.04 0.30 0.00	30.77 0.15 0.00	32.22 0.16 0.00	33.17 -0.10 0.00	37.95 -0.65 -0.08	38.64 -0.50 -0.98	43.91 -0.39 -1.28	35.95 -0.03 -1.93	28.94 -0.08 -2.46	27.26 -0.16 -1.33	24.04 -0.27 0.01	22.02 -0.31 0.00	24.34 -0.34 -0.41
NEG CENTRAL___STATE_STREET 24147	27.67 -0.03 0.00	28.28 -0.14 0.00	25.62 -0.05 0.00	25.84 -0.05 0.00	26.61 0.00 0.00	28.68 0.00 0.00	37.28 0.00 0.00	42.62 0.04 0.00	36.06 -0.04 0.00	31.80 0.10 0.00	31.22 0.06 0.00	29.86 0.12 0.00	30.65 0.03 0.00	32.09 0.03 0.00	33.17 -0.10 0.00	38.29 -0.31 -0.07	38.89 -0.15 -0.88	44.08 -0.09 -1.15	35.83 0.03 -1.74	28.73 -0.03 -2.19	27.25 -0.03 -1.19	24.26 -0.05 0.00	22.27 -0.07 0.00	24.56 -0.07 -0.37
NEG MILLWOOD___DRP 24198	29.28 1.58 0.00	30.19 1.76 0.00	27.06 1.39 0.00	27.24 1.35 0.00	28.02 1.41 0.00	30.55 1.86 0.00	39.78 2.50 0.00	45.68 3.11 0.00	38.84 2.74 0.00	34.01 2.31 0.00	33.56 2.40 0.00	31.95 2.20 0.00	33.07 2.45 0.00	34.53 2.47 0.00	36.00 2.73 0.00	42.38 3.31 -0.55	48.17 3.24 -6.76	55.48 3.57 -8.90	50.39 2.93 -13.41	45.73 2.23 -16.93	37.35 2.11 -9.15	26.11 1.80 0.01	24.05 1.72 0.00	28.76 1.67 -2.82
NEG NORTH_FLCN_SEA 23793	28.59 0.89 0.00	29.62 1.19 0.00	26.63 0.95 0.00	27.09 1.19 0.00	28.00 1.38 0.00	30.26 1.58 0.00	38.88 1.60 0.00	42.96 0.38 0.00	36.68 0.58 0.00	32.59 0.89 0.00	31.82 0.65 0.00	30.25 0.51 0.00	31.20 0.58 0.00	32.67 0.61 0.00	33.77 0.50 0.00	38.65 0.12 -0.01	37.65 -0.65 -0.13	41.82 -1.38 -0.18	32.41 -1.91 -0.27	25.54 -1.35 -0.34	24.91 -1.36 -0.18	23.24 -1.07 0.00	21.17 -1.16 0.00	22.87 -1.46 -0.06
NEG NORTH_KES_CHATEGAY 23792	28.23 0.53 0.00	29.25 0.82 0.00	26.29 0.62 0.00	26.75 0.85 0.00	27.63 1.01 0.00	29.86 1.18 0.00	38.62 1.34 0.00	43.00 0.43 0.00	36.42 0.32 0.00	32.37 0.67 0.00	31.57 0.41 0.00	30.01 0.27 0.00	30.96 0.34 0.00	32.41 0.35 0.00	33.50 0.23 0.00	38.38 -0.15 -0.01	37.43 -0.88 -0.14	41.56 -1.63 -0.18	32.22 -2.11 -0.27	25.39 -1.51 -0.35	24.79 -1.49 -0.19	22.95 -1.36 0.00	20.90 -1.43 0.00	22.58 -1.75 -0.06
NEG NORTH___ALICE_FALLS 23915	28.67 0.97 0.00	29.70 1.28 0.00	26.70 1.03 0.00	27.16 1.27 0.00	28.08 1.46 0.00	30.38 1.69 0.00	39.18 1.90 0.00	43.43 0.85 0.00	36.89 0.79 0.00	32.84 1.14 0.00	32.00 0.84 0.00	30.43 0.68 0.00	31.42 0.80 0.00	32.89 0.83 0.00	34.00 0.73 0.00	38.88 0.35 -0.01	37.96 -0.34 -0.14	42.12 -1.08 -0.18	32.62 -1.70 -0.27	25.73 -1.17 -0.34	25.12 -1.15 -0.18	23.32 -1.00 0.00	21.24 -1.09 0.00	22.92 -1.41 -0.06
NEG NORTH___LWR_SARANAC 23913	28.67 0.97 0.00	29.70 1.28 0.00	26.70 1.03 0.00	27.16 1.27 0.00	28.08 1.46 0.00	30.38 1.69 0.00	39.18 1.90 0.00	43.43 0.85 0.00	36.89 0.79 0.00	32.84 1.14 0.00	32.00 0.84 0.00	30.43 0.68 0.00	31.42 0.80 0.00	32.89 0.83 0.00	34.00 0.73 0.00	38.88 0.35 -0.01	37.96 -0.34 -0.14	42.12 -1.08 -0.18	32.62 -1.70 -0.27	25.73 -1.17 -0.34	25.12 -1.15 -0.18	23.32 -1.00 0.00	21.24 -1.09 0.00	22.92 -1.41 -0.06
NEG NORTH___PLATTSBURG 23628	28.67 0.97 0.00	29.71 1.28 0.00	26.70 1.03 0.00	27.16 1.27 0.00	28.08 1.46 0.00	30.38 1.69 0.00	39.18 1.90 0.00	43.72 1.15 0.00	36.89 0.79 0.00	32.84 1.14 0.00	32.19 1.03 0.00	30.43 0.68 0.00	31.42 0.79 0.00	32.89 0.83 0.00	34.00 0.73 0.00	38.88 0.35 -0.01	37.96 -0.34 -0.14	42.12 -1.07 -0.18	32.62 -1.70 -0.27	25.73 -1.17 -0.34	25.12 -1.15 -0.18	23.50 -0.97 -0.16	21.36 -1.07 -0.10	23.04 -1.29 -0.06
NEG WEST_LEA_LOCKPORT 23791	26.01 -1.69 0.00	26.24 -2.19 0.00	24.16 -1.51 0.00	24.45 -1.45 0.00	25.20 -1.41 0.00	27.31 -1.38 0.00	34.97 -2.31 0.00	39.42 -3.15 0.00	33.46 -2.64 0.00	29.96 -1.74 0.00	29.60 -1.56 0.00	28.50 -1.25 0.00	29.03 -1.59 0.00	30.42 -1.63 0.00	30.91 -2.36 0.00	35.01 -3.58 -0.07	35.51 -3.47 -0.81	40.17 -3.91 -1.07	32.94 -2.72 -1.61	26.98 -2.02 -2.43	25.52 -1.88 -1.31	22.16 -1.97 0.18	20.64 -1.70 0.00	23.12 -1.55 -0.40
NEG WEST___LANCASTER 23811	27.15 -0.55 0.00	27.35 -1.08 0.00	25.21 -0.46 0.00	25.56 -0.34 0.00	26.35 -0.27 0.00	28.71 0.03 0.00	36.91 -0.37 0.00	41.51 -1.06 0.00	35.02 -1.08 0.00	31.32 -0.38 0.00	30.94 -0.22 0.00	29.78 0.03 0.00	30.35 -0.28 0.00	31.77 -0.29 0.00	32.37 -0.90 0.00	35.52 -3.08 -0.08	36.16 -2.94 -0.94	40.98 -3.27 -1.23	33.11 -2.79 -1.85	27.00 -2.34 -2.78	25.32 -2.27 -1.50	21.75 -2.36 0.20	20.19 -2.14 0.00	22.50 -2.23 -0.46
NEG_PENN_ALLEGHNY 23528	28.04 0.33 0.00	28.68 0.26 0.00	26.01 0.33 0.00	26.26 0.36 0.00	26.99 0.37 0.00	29.20 0.52 0.00	37.95 0.67 0.00	43.30 0.72 0.00	36.64 0.54 0.00	32.33 0.63 0.00	31.78 0.62 0.00	30.40 0.65 0.00	31.23 0.61 0.00	32.66 0.61 0.00	33.77 0.50 0.00	39.09 0.39 -0.18	40.78 0.42 -2.20	46.42 0.52 -2.89	38.88 0.48 -4.35	32.45 0.32 -5.57	29.38 0.29 -3.01	27.06 0.19 -2.56	24.07 0.13 -1.60	25.34 0.15 -0.93
NEG___GEN_MONROE 24207	26.65 -1.05 0.00	27.00 -1.42 0.00	24.70 -0.98 0.00	24.96 -0.93 0.00	25.71 -0.90 0.00	27.77 -0.92 0.00	35.79 -1.49 0.00	40.57 -2.00 0.00	34.44 -1.66 0.00	30.62 -1.08 0.00	30.23 -0.93 0.00	29.00 -0.74 0.00	29.64 -0.98 0.00	31.03 -1.03 0.00	31.74 -1.53 0.00	36.47 -2.12 -0.07	37.00 -1.98 -0.82	41.90 -2.19 -1.08	34.28 -1.40 -1.63	27.66 -0.96 -2.05	26.26 -0.94 -1.11	23.32 -1.00 0.00	21.48 -0.85 0.00	23.91 -0.70 -0.34

NEPA__ENERGY 23901	26.68 -1.02 0.00	26.86 -1.56 0.00	24.80 -0.87 0.00	25.12 -0.78 0.00	25.90 -0.72 0.00	28.11 -0.57 0.00	36.16 -1.12 0.00	40.87 -1.70 0.00	34.65 -1.44 0.00	30.97 -0.73 0.00	30.63 -0.53 0.00	29.48 -0.27 0.00	30.04 -0.58 0.00	31.45 -0.61 0.00	31.97 -1.30 0.00	35.90 -2.70 -0.08	36.42 -2.63 -0.89	41.08 -3.10 -1.17	33.46 -2.35 -1.76	27.38 -1.86 -2.68	25.76 -1.77 -1.45	22.15 -1.94 0.21	20.59 -1.74 0.00	23.06 -1.65 -0.45
NEVERSink__HYD 23608	29.22 1.52 0.00	30.07 1.65 0.00	27.01 1.33 0.00	27.22 1.32 0.00	28.00 1.38 0.00	30.46 1.78 0.00	39.67 2.39 0.00	45.34 2.77 0.00	38.55 2.46 0.00	33.70 2.00 0.00	33.16 2.00 0.00	31.56 1.81 0.00	32.61 1.99 0.00	34.14 2.08 0.00	35.50 2.23 0.00	41.84 2.81 -0.50	47.29 2.86 -6.26	54.43 3.18 -8.24	49.05 2.59 -12.41	44.21 1.97 -15.68	36.41 1.85 -8.47	33.26 1.65 -7.29	28.33 1.50 -4.50	28.36 1.48 -2.61
NEWKRMKL_115KV_TB1 55635	28.15 0.44 0.00	28.94 0.51 0.00	26.06 0.39 0.00	26.26 0.36 0.00	26.96 0.35 0.00	29.17 0.49 0.00	37.99 0.71 0.00	43.47 0.89 0.00	36.89 0.79 0.00	32.24 0.54 0.00	31.69 0.53 0.00	30.22 0.48 0.00	31.14 0.52 0.00	32.60 0.54 0.00	34.00 0.73 0.00	40.14 1.00 -0.62	46.78 0.95 -7.66	54.25 1.16 -10.07	50.13 0.89 -15.19	46.39 0.66 -19.16	37.12 0.68 -10.36	24.87 0.56 0.00	22.82 0.49 0.00	27.89 0.44 -3.19
NEWTON__FALLS_HYD 23847	28.20 0.50 0.00	29.11 0.68 0.00	26.19 0.51 0.00	26.59 0.70 0.00	27.49 0.88 0.00	29.69 1.00 0.00	38.73 1.45 0.00	43.85 1.28 0.00	36.97 0.87 0.00	32.62 0.92 0.00	31.91 0.75 0.00	30.40 0.65 0.00	31.29 0.67 0.00	32.79 0.74 0.00	33.90 0.63 0.00	39.12 0.58 -0.02	38.48 0.08 -0.24	43.24 -0.09 -0.31	33.91 -0.61 -0.47	26.71 -0.45 -0.60	25.94 -0.47 -0.32	23.80 -0.51 0.00	21.75 -0.58 0.00	23.61 -0.75 -0.10
NGRID_A1_DSASP 323792	25.60 -2.11 0.00	25.84 -2.59 0.00	23.80 -1.87 0.00	24.08 -1.81 0.00	24.70 -1.92 0.00	26.85 -1.84 0.00	34.22 -3.06 0.00	38.57 -4.00 0.00	32.45 -3.64 0.00	29.32 -2.38 0.00	29.04 -2.12 0.00	27.99 -1.76 0.00	28.48 -2.14 0.00	29.52 -2.53 0.00	30.31 -2.96 0.00	34.35 -4.24 -0.07	34.83 -4.12 -0.78	39.44 -4.60 -1.03	32.40 -3.20 -1.55	26.69 -2.34 -2.47	25.20 -2.34 -1.33	22.52 -2.22 -0.91	20.83 -2.21 -0.71	22.91 -1.77 -0.41
NGRID_A2_DSASP 323793	25.60 -2.11 0.00	25.84 -2.59 0.00	23.80 -1.87 0.00	24.08 -1.81 0.00	24.70 -1.92 0.00	26.85 -1.84 0.00	34.22 -3.06 0.00	38.57 -4.00 0.00	32.45 -3.64 0.00	29.32 -2.38 0.00	29.04 -2.12 0.00	27.99 -1.76 0.00	28.48 -2.14 0.00	29.52 -2.53 0.00	30.31 -2.96 0.00	34.35 -4.24 -0.07	34.83 -4.12 -0.78	39.44 -4.60 -1.03	32.40 -3.20 -1.55	26.69 -2.34 -2.47	25.20 -2.34 -1.33	22.52 -2.22 -0.91	20.83 -2.21 -0.71	22.91 -1.77 -0.41
NGRID_A4_DSASP 323807	25.60 -2.11 0.00	25.84 -2.59 0.00	23.80 -1.87 0.00	24.08 -1.81 0.00	24.70 -1.92 0.00	26.85 -1.84 0.00	34.22 -3.06 0.00	38.57 -4.00 0.00	32.45 -3.64 0.00	29.32 -2.38 0.00	29.04 -2.12 0.00	27.99 -1.76 0.00	28.48 -2.14 0.00	29.52 -2.53 0.00	30.31 -2.96 0.00	34.35 -4.24 -0.07	34.83 -4.12 -0.78	39.44 -4.60 -1.03	32.40 -3.20 -1.55	26.69 -2.34 -2.47	25.20 -2.34 -1.33	22.52 -2.22 -0.91	20.83 -2.21 -0.71	22.91 -1.77 -0.41
NIAGARA_115E_LBMP 323715	25.51 -2.19 0.00	25.75 -2.67 0.00	23.72 -1.95 0.00	24.01 -1.89 0.00	24.64 -1.97 0.00	26.79 -1.89 0.00	34.18 -3.09 0.00	38.53 -4.05 0.00	32.42 -3.68 0.00	29.26 -2.44 0.00	29.01 -2.15 0.00	27.93 -1.82 0.00	28.42 -2.21 0.00	29.46 -2.60 0.00	30.24 -3.03 0.00	34.28 -4.31 -0.07	34.74 -4.24 -0.81	39.34 -4.73 -1.06	32.28 -3.37 -1.60	26.57 -2.47 -2.47	25.02 -2.40 -1.34	22.38 -2.87 -0.94	20.72 -2.32 -0.71	22.76 -1.92 -0.41
NIAGARA_115W_LBMP 323714	25.54 -2.16 0.00	25.78 -2.64 0.00	23.75 -1.93 0.00	24.03 -1.86 0.00	24.64 -1.97 0.00	26.79 -1.89 0.00	34.15 -3.13 0.00	38.49 -4.09 0.00	32.38 -3.72 0.00	29.26 -2.44 0.00	28.98 -2.18 0.00	27.90 -1.84 0.00	28.42 -2.21 0.00	29.46 -2.60 0.00	30.24 -3.03 0.00	34.28 -4.31 -0.07	34.75 -4.20 -0.78	39.35 -4.69 -1.02	32.32 -3.27 -1.54	26.64 -2.39 -2.46	25.15 -2.27 -1.33	22.47 -2.75 -0.91	20.81 -2.23 -0.71	22.88 -1.80 -0.41
NIAGARA_230_LBMP 323716	25.79 -1.91 0.00	26.04 -2.39 0.00	23.98 -1.70 0.00	24.26 -1.63 0.00	24.88 -1.73 0.00	27.05 -1.63 0.00	34.52 -2.76 0.00	38.87 -3.70 0.00	32.74 -3.36 0.00	29.54 -2.16 0.00	29.26 -1.90 0.00	28.17 -1.58 0.00	28.66 -1.96 0.00	29.72 -2.34 0.00	30.54 -2.73 0.00	34.62 -3.97 -0.07	35.14 -3.78 -0.75	39.79 -4.21 -0.99	32.61 -2.93 -1.49	26.87 -2.13 -2.44	25.37 -2.03 -1.32	22.69 -2.50 -0.88	21.00 -2.03 -0.70	23.05 -1.63 -0.41
NIAGARA__115KV_198_GIBSON 55903	25.54 -2.16 0.00	25.78 -2.64 0.00	23.75 -1.93 0.00	24.03 -1.86 0.00	24.78 -1.84 0.00	26.79 -1.89 0.00	34.26 -3.02 0.00	38.49 -4.09 0.00	32.71 -3.39 0.00	29.32 -2.38 0.00	29.01 -2.15 0.00	27.90 -1.84 0.00	28.42 -2.20 0.00	29.75 -2.31 0.00	30.21 -3.06 0.00	34.32 -4.28 -0.07	34.82 -4.12 -0.78	39.35 -4.69 -1.02	32.32 -3.27 -1.54	26.64 -2.39 -2.46	25.25 -2.17 -1.33	21.81 -2.26 0.24	20.39 -1.94 0.00	22.88 -1.80 -0.41
NIAGARA____ 23760	25.79 -1.91 0.00	26.04 -2.39 0.00	23.98 -1.70 0.00	24.26 -1.63 0.00	24.88 -1.73 0.00	27.05 -1.63 0.00	34.52 -2.76 0.00	38.87 -3.70 0.00	32.74 -3.36 0.00	29.54 -2.16 0.00	29.26 -1.90 0.00	28.17 -1.58 0.00	28.66 -1.96 0.00	29.72 -2.34 0.00	30.54 -2.73 0.00	34.62 -3.97 -0.07	35.16 -3.78 -0.77	39.82 -4.21 -1.02	32.66 -2.93 -1.53	26.89 -2.13 -2.45	25.38 -2.03 -1.33	22.72 -2.50 -0.91	21.01 -2.03 -0.71	23.05 -1.63 -0.41
NINE_MILE_1 23575	26.90 -0.80 0.00	27.54 -0.88 0.00	24.93 -0.75 0.00	25.14 -0.75 0.00	25.84 -0.77 0.00	27.71 -0.98 0.00	35.97 -1.31 0.00	41.08 -1.49 0.00	34.76 -1.33 0.00	30.62 -1.08 0.00	30.10 -1.06 0.00	28.77 -0.98 0.00	29.58 -1.04 0.00	30.93 -1.12 0.00	32.07 -1.20 0.00	37.09 -1.46 -0.03	37.18 -1.41 -0.43	42.03 -1.55 -0.56	33.71 -1.19 -0.85	26.70 -0.93 -1.07	25.78 -0.89 -0.58	24.06 -0.75 -0.50	21.97 -0.67 -0.31	23.79 -0.65 -0.18
NINE_MILE_2 23744	26.90 -0.80 0.00	27.54 -0.88 0.00	24.93 -0.75 0.00	25.14 -0.75 0.00	25.84 -0.77 0.00	27.71 -0.98 0.00	35.97 -1.31 0.00	41.08 -1.49 0.00	34.76 -1.33 0.00	30.62 -1.08 0.00	30.10 -1.06 0.00	28.77 -0.98 0.00	29.58 -1.04 0.00	30.93 -1.12 0.00	32.07 -1.20 0.00	37.09 -1.46 -0.03	37.18 -1.41 -0.43	42.03 -1.55 -0.56	33.71 -1.19 -0.85	26.70 -0.93 -1.07	25.78 -0.89 -0.58	24.06 -0.75 -0.50	21.97 -0.67 -0.31	23.79 -0.65 -0.18
NM_CAPITAL__DRP 24208	28.23 0.53 0.00	29.02 0.60 0.00	26.14 0.46 0.00	26.34 0.44 0.00	27.07 0.45 0.00	29.29 0.60 0.00	38.14 0.86 0.00	43.64 1.06 0.00	37.04 0.94 0.00	32.33 0.63 0.00	31.78 0.62 0.00	30.31 0.57 0.00	31.23 0.61 0.00	32.70 0.64 0.00	34.10 0.83 0.00	40.26 1.12 -0.62	46.92 1.11 -7.64	54.36 1.29 -10.06	50.20 0.99 -15.16	46.43 0.74 -19.12	37.18 0.76 -10.33	24.94 0.63 0.00	22.91 0.58 0.00	27.99 0.53 -3.18

NM_CENTRAL___DRP 24181	27.40 -0.30 0.00	28.03 -0.40 0.00	25.37 -0.31 0.00	25.58 -0.31 0.00	26.32 -0.29 0.00	28.31 -0.37 0.00	36.76 -0.52 0.00	42.02 -0.55 0.00	35.59 -0.51 0.00	31.38 -0.32 0.00	30.85 -0.31 0.00	29.48 -0.27 0.00	30.31 -0.31 0.00	31.74 -0.32 0.00	32.84 -0.43 0.00	37.92 -0.65 -0.05	38.22 -0.57 -0.62	43.23 -0.60 -0.82	34.88 -0.41 -1.23	27.77 -0.35 -1.56	26.59 -0.34 -0.84	24.04 -0.27 0.00	22.09 -0.25 0.00	24.31 -0.22 -0.26
NM_FRONTIER___DRP 24179	25.54 -2.16 0.00	25.78 -2.64 0.00	23.75 -1.93 0.00	24.03 -1.86 0.00	24.78 -1.84 0.00	26.79 -1.89 0.00	34.26 -3.02 0.00	38.49 -4.09 0.00	32.71 -3.39 0.00	29.32 -2.38 0.00	29.01 -2.15 0.00	27.90 -1.84 0.00	28.42 -2.20 0.00	29.75 -2.31 0.00	30.21 -3.06 0.00	34.32 -4.28 -0.07	34.82 -4.12 -0.78	39.35 -4.69 -1.02	32.32 -3.27 -1.54	26.64 -2.39 -2.46	25.25 -2.17 -1.33	21.81 -2.26 0.24	20.39 -1.94 0.00	22.88 -1.80 -0.41
NM_ST_REGIS___HYD 24053	28.20 0.50 0.00	29.22 0.80 0.00	26.27 0.59 0.00	26.72 0.83 0.00	27.65 1.04 0.00	29.89 1.20 0.00	38.84 1.57 0.00	43.60 1.02 0.00	36.78 0.69 0.00	32.68 0.98 0.00	31.85 0.69 0.00	30.31 0.57 0.00	31.26 0.64 0.00	32.76 0.71 0.00	33.84 0.57 0.00	38.88 0.35 -0.01	38.07 -0.27 -0.17	42.42 -0.82 -0.23	32.96 -1.43 -0.34	26.01 -0.98 -0.43	25.35 -0.97 -0.23	23.32 -1.00 0.00	21.28 -1.05 0.00	23.03 -1.31 -0.07
NORTHPORT___1 23551	33.61 2.02 -3.89	30.85 2.41 -0.01	27.57 1.87 -0.02	27.92 1.87 -0.16	28.97 1.92 -0.44	31.09 2.38 -0.02	39.81 2.54 0.00	45.77 3.19 0.00	38.77 2.67 0.00	34.66 2.95 -0.02	35.16 2.74 -1.26	35.16 2.59 -2.83	35.16 2.79 -1.75	35.16 2.89 -0.22	36.26 3.06 0.07	40.27 3.51 1.76	46.15 3.66 -4.32	51.81 4.04 -4.75	48.69 3.27 -11.37	43.40 2.58 -14.26	38.32 2.53 -9.71	37.22 2.33 -10.57	34.00 2.12 -9.55	32.58 2.11 -6.21
NORTHPORT___2 23552	33.61 2.02 -3.89	30.85 2.41 -0.01	27.57 1.87 -0.02	27.92 1.87 -0.16	28.97 1.92 -0.44	31.09 2.38 -0.02	39.81 2.54 0.00	45.77 3.19 0.00	38.77 2.67 0.00	34.66 2.95 -0.02	35.69 2.74 -1.78	36.09 2.59 -3.76	35.21 2.79 -1.80	36.05 2.89 -1.11	36.42 3.06 -0.09	41.88 3.51 0.15	47.84 3.66 -6.01	58.30 4.04 -11.25	51.68 3.27 -14.36	47.36 2.58 -18.22	38.32 2.53 -9.71	37.22 2.33 -10.57	34.00 2.12 -9.55	32.58 2.11 -6.21
NORTHPORT___3 23553	33.68 2.10 -3.87	30.88 2.44 -0.01	27.55 1.85 -0.02	27.87 1.81 -0.16	28.95 1.89 -0.44	31.06 2.35 -0.02	39.48 2.20 0.00	45.38 2.81 0.00	38.66 2.56 0.00	34.73 3.01 -0.02	35.95 2.77 -2.02	36.44 2.53 -4.17	35.33 2.88 -1.83	36.44 2.89 -1.50	36.49 3.06 -0.16	42.38 3.31 -0.54	48.29 3.40 -6.72	60.83 3.79 -14.03	52.75 3.07 -15.64	48.87 2.39 -19.92	38.14 2.35 -9.71	37.13 2.24 -10.58	34.03 2.17 -9.53	32.64 2.18 -6.19
NORTHPORT___4 23650	33.68 2.10 -3.87	30.88 2.44 -0.01	27.55 1.85 -0.02	27.87 1.81 -0.16	28.95 1.89 -0.44	31.06 2.35 -0.02	39.48 2.20 0.00	45.38 2.81 0.00	38.66 2.56 0.00	34.73 3.01 -0.02	35.95 2.77 -2.02	36.44 2.53 -4.17	35.33 2.88 -1.83	36.44 2.89 -1.50	36.49 3.06 -0.16	42.38 3.31 -0.54	48.29 3.40 -6.72	60.83 3.79 -14.03	52.75 3.07 -15.64	48.87 2.39 -19.92	38.14 2.35 -9.71	37.13 2.24 -10.58	34.03 2.17 -9.53	32.64 2.18 -6.19
NORTHPORT___IC 23718	33.61 2.02 -3.89	30.83 2.39 -0.01	27.57 1.87 -0.02	27.92 1.86 -0.16	28.95 1.89 -0.44	31.09 2.38 -0.02	39.48 2.20 0.00	45.81 3.24 0.00	38.63 2.53 0.00	34.63 2.92 -0.02	35.19 2.77 -1.26	35.16 2.59 -2.83	35.16 2.79 -1.75	35.09 2.82 -0.22	36.33 3.13 0.07	40.23 3.47 1.76	46.15 3.66 -4.32	51.81 4.04 -4.75	48.69 3.27 -11.37	43.40 2.58 -14.26	38.32 2.53 -9.71	29.36 2.31 -2.74	29.22 2.17 -4.72	32.61 2.14 -6.21
NORTH___COUNTRY_ESR 323785	28.17 0.47 0.00	29.19 0.77 0.00	26.24 0.56 0.00	26.67 0.78 0.00	27.54 0.93 0.00	29.77 1.09 0.00	38.47 1.19 0.00	43.04 0.47 0.00	36.32 0.22 0.00	32.27 0.57 0.00	31.66 0.50 0.00	29.96 0.21 0.00	30.90 0.27 0.00	32.38 0.32 0.00	33.44 0.17 0.00	38.30 -0.23 -0.01	37.31 -0.99 -0.14	41.43 -1.77 -0.18	32.11 -2.21 -0.27	25.32 -1.59 -0.35	24.71 -1.56 -0.19	23.06 -1.41 -0.16	20.96 -1.47 -0.10	22.63 -1.70 -0.06
NPX_GEN_1385_PROXY 323591	33.11 1.52 -3.89	30.57 2.13 -0.01	27.32 1.62 -0.02	27.79 1.74 -0.16	28.71 1.68 -0.42	31.03 2.30 -0.05	40.93 3.66 0.00	47.31 4.30 -0.44	38.66 2.99 0.44	34.34 2.63 -0.02	34.66 2.24 -1.26	34.60 2.02 -2.83	34.61 2.23 -1.75	34.65 2.37 -0.22	36.16 2.96 0.07	40.50 3.74 1.76	46.49 4.01 -4.32	52.20 4.43 -4.75	49.00 3.57 -11.37	43.00 2.79 -13.65	39.35 2.95 -10.32	37.34 2.45 -10.57	34.83 1.88 -10.62	31.00 1.60 -5.13
NPX_GEN_CSC 323557	33.95 2.38 -3.87	31.11 2.67 -0.01	28.04 2.34 -0.02	28.33 2.28 -0.16	29.43 2.40 -0.42	31.57 2.84 -0.05	40.34 3.06 0.00	46.97 3.96 -0.44	38.69 3.03 0.44	34.92 3.20 -0.02	36.39 3.21 -2.02	36.96 3.04 -4.18	35.64 3.18 -1.84	36.92 3.37 -1.50	36.99 3.56 -0.16	43.11 4.04 -0.54	49.58 4.69 -6.72	62.01 4.94 -14.05	53.68 3.98 -15.64	49.20 3.32 -19.32	39.59 3.18 -10.32	37.79 2.89 -10.59	35.46 2.52 -10.60	31.81 2.43 -5.12
NSINS_S___GLNS_FALLS 23858	29.67 1.97 0.00	30.47 2.05 0.00	27.42 1.75 0.00	27.63 1.74 0.00	28.42 1.81 0.00	30.86 2.18 0.00	40.22 2.94 0.00	45.98 3.41 0.00	38.95 2.85 0.00	33.98 2.28 0.00	33.47 2.31 0.00	31.74 1.99 0.00	32.61 1.99 0.00	34.11 2.05 0.00	35.53 2.26 0.00	42.00 2.85 -0.63	48.81 2.82 -7.82	56.78 3.48 -10.28	52.31 2.76 -15.50	48.22 2.10 -19.56	38.72 2.06 -10.57	26.04 1.73 0.00	23.87 1.54 0.00	29.03 1.50 -3.26
NUCOR_STEEL___DRP 24197	27.70 0.00 0.00	28.31 -0.11 0.00	25.68 0.00 0.00	25.90 0.00 0.00	26.64 0.03 0.00	28.68 0.00 0.00	37.24 -0.04 0.00	42.57 0.00 0.00	36.03 -0.07 0.00	31.76 0.06 0.00	31.22 0.06 0.00	29.84 0.09 0.00	30.62 0.00 0.00	32.09 0.03 0.00	33.17 -0.10 0.00	38.32 -0.27 -0.07	38.85 -0.15 -0.84	44.04 -0.09 -1.11	35.72 0.00 -1.67	28.64 -0.03 -2.11	27.20 -0.03 -1.14	24.29 -0.02 0.00	22.29 -0.04 0.00	24.59 -0.02 -0.35
NUMBER_THREE_WT_PWR 323818	28.42 0.72 0.00	29.19 0.77 0.00	26.32 0.64 0.00	26.67 0.78 0.00	27.52 0.91 0.00	29.71 1.03 0.00	38.81 1.53 0.00	44.36 1.79 0.00	37.36 1.26 0.00	32.81 1.11 0.00	32.19 1.03 0.00	30.64 0.89 0.00	31.51 0.89 0.00	33.05 0.99 0.00	34.17 0.90 0.00	39.59 1.04 -0.02	38.98 0.53 -0.28	44.03 0.65 -0.37	34.74 0.14 -0.55	27.32 0.05 -0.70	26.46 0.00 -0.38	24.59 -0.05 -0.33	22.38 -0.16 -0.20	24.17 -0.22 -0.12
NYISO_LBMP_REFERENCE 24008	27.70 0.00 0.00	28.43 0.00 0.00	25.68 0.00 0.00	25.90 0.00 0.00	26.61 0.00 0.00	28.68 0.00 0.00	37.28 0.00 0.00	42.57 0.00 0.00	36.10 0.00 0.00	31.70 0.00 0.00	31.16 0.00 0.00	29.75 0.00 0.00	30.62 0.00 0.00	32.06 0.00 0.00	33.27 0.00 0.00	38.52 0.00 0.00	38.17 0.00 0.00	43.01 0.00 0.00	34.05 0.00 0.00	26.56 0.00 0.00	26.09 0.00 0.00	24.31 0.00 0.00	22.33 0.00 0.00	24.27 0.00 0.00

NYPA_BRENTWD____GT 24164	33.93 2.38 -3.85	31.17 2.73 -0.01	27.86 2.16 -0.02	28.18 2.12 -0.16	29.26 2.21 -0.44	31.40 2.70 -0.02	40.22 2.94 0.00	46.32 3.75 0.00	39.28 3.18 0.00	35.01 3.30 -0.02	36.41 3.21 -2.04	37.00 3.04 -4.21	35.69 3.21 -1.85	36.94 3.37 -1.51	36.99 3.56 -0.16	43.11 4.04 -0.54	49.05 4.16 -6.73	61.71 4.60 -14.09	53.43 3.71 -15.66	49.44 2.92 -19.95	38.72 2.92 -9.72	37.62 2.70 -10.61	34.23 2.39 -9.50	32.87 2.43 -6.17
NYPA_GOWANUS____GT5 24156	29.64 1.94 0.00	30.66 2.22 -0.02	27.29 1.62 0.00	27.42 1.53 0.00	28.24 1.62 0.00	30.63 1.95 0.00	39.85 2.57 0.00	45.72 3.15 0.00	39.06 2.96 0.00	34.27 2.57 0.00	33.81 2.65 0.00	32.27 2.53 0.00	33.32 2.70 0.00	34.88 2.82 0.00	36.20 2.93 0.00	42.65 3.58 -0.54	48.28 3.40 -6.72	55.64 3.79 -8.84	50.47 3.10 -13.32	45.74 2.36 -16.82	37.34 2.16 -9.09	34.25 2.11 -7.82	29.10 1.94 -4.83	29.11 2.04 -2.80
NYPA_GOWANUS____GT6 24157	29.64 1.94 0.00	30.66 2.22 -0.02	27.29 1.62 0.00	27.42 1.53 0.00	28.24 1.62 0.00	30.63 1.95 0.00	39.85 2.57 0.00	45.72 3.15 0.00	39.06 2.96 0.00	34.27 2.57 0.00	33.81 2.65 0.00	32.27 2.53 0.00	33.32 2.70 0.00	34.88 2.82 0.00	36.20 2.93 0.00	42.65 3.58 -0.54	48.28 3.40 -6.72	55.64 3.79 -8.84	50.47 3.10 -13.32	45.74 2.36 -16.82	37.34 2.16 -9.09	34.25 2.11 -7.82	29.10 1.94 -4.83	29.11 2.04 -2.80
NYPA_HARLEM__RVR__GT1 24160	29.45 1.75 0.00	30.37 1.93 -0.01	27.14 1.46 0.00	27.27 1.37 0.00	28.08 1.46 0.00	30.35 1.66 0.00	39.32 2.05 0.01	45.16 2.60 0.01	38.65 2.56 0.01	33.94 2.25 0.01	33.49 2.34 0.01	31.97 2.23 0.01	33.03 2.42 0.01	34.55 2.50 0.01	35.83 2.56 0.01	42.18 3.12 -0.53	47.81 2.94 -6.71	55.07 3.23 -8.83	50.02 2.66 -13.31	45.42 2.05 -16.81	37.05 1.88 -9.08	33.95 1.82 -7.82	28.92 1.76 -4.83	29.11 2.04 -2.81
NYPA_HARLEM__RVR__GT2 24161	29.45 1.75 0.00	30.37 1.93 -0.01	27.14 1.46 0.00	27.27 1.37 0.00	28.08 1.46 0.00	30.35 1.66 0.00	39.32 2.05 0.01	45.16 2.60 0.01	38.65 2.56 0.01	33.94 2.25 0.01	33.49 2.34 0.01	31.97 2.23 0.01	33.03 2.42 0.01	34.55 2.50 0.01	35.83 2.56 0.01	42.18 3.12 -0.53	47.81 2.94 -6.71	55.07 3.23 -8.83	50.02 2.66 -13.31	45.42 2.05 -16.81	37.05 1.88 -9.08	33.95 1.82 -7.82	28.92 1.76 -4.83	29.11 2.04 -2.81
NYPA_KENT____GT 24152	29.56 1.86 0.00	30.60 2.16 -0.01	27.24 1.57 0.00	27.40 1.50 0.00	28.18 1.57 0.00	30.58 1.89 0.00	39.78 2.50 0.00	45.68 3.11 0.00	39.02 2.92 0.00	34.27 2.57 0.00	33.81 2.65 0.00	32.24 2.50 0.00	33.32 2.70 0.00	34.84 2.79 0.00	36.16 2.89 0.00	42.61 3.54 -0.54	48.24 3.36 -6.72	55.59 3.74 -8.84	50.44 3.07 -13.32	45.72 2.34 -16.82	37.31 2.14 -9.09	34.23 2.09 -7.82	29.08 1.92 -4.83	29.06 1.99 -2.80
NYPA_POUCH1____GT 24155	29.67 1.97 0.00	30.69 2.25 -0.02	27.29 1.62 0.00	27.45 1.55 0.00	28.26 1.65 0.00	30.61 1.92 0.00	39.81 2.54 0.00	45.68 3.11 0.00	38.95 2.85 0.00	34.17 2.47 0.00	33.75 2.58 0.00	32.19 2.44 0.00	33.25 2.63 0.00	34.78 2.72 0.00	36.13 2.86 0.00	42.57 3.51 -0.54	48.16 3.28 -6.72	55.55 3.70 -8.84	50.40 3.03 -13.32	45.69 2.31 -16.82	37.29 2.11 -9.09	34.23 2.09 -7.82	29.10 1.94 -4.83	29.11 2.04 -2.80
NYPA_VERNON____GT2 24162	29.48 1.77 0.00	30.51 2.07 -0.01	27.16 1.49 0.00	27.32 1.42 0.00	28.13 1.52 0.00	30.52 1.84 0.00	39.70 2.42 0.00	45.64 3.07 0.00	38.99 2.89 0.00	34.24 2.54 0.00	33.78 2.62 0.00	32.21 2.47 0.00	33.28 2.66 0.00	34.81 2.76 0.00	36.13 2.86 0.00	42.53 3.47 -0.54	48.16 3.28 -6.72	55.50 3.65 -8.84	50.37 3.00 -13.32	45.66 2.28 -16.82	37.29 2.11 -9.09	34.18 2.04 -7.82	29.04 1.88 -4.83	29.01 1.94 -2.80
NYPA_VERNON____GT3 24163	29.48 1.77 0.00	30.51 2.07 -0.01	27.16 1.49 0.00	27.32 1.42 0.00	28.13 1.52 0.00	30.52 1.84 0.00	39.70 2.42 0.00	45.64 3.07 0.00	38.99 2.89 0.00	34.24 2.54 0.00	33.78 2.62 0.00	32.21 2.47 0.00	33.28 2.66 0.00	34.81 2.76 0.00	36.13 2.86 0.00	42.53 3.47 -0.54	48.16 3.28 -6.72	55.50 3.65 -8.84	50.37 3.00 -13.32	45.66 2.28 -16.82	37.29 2.11 -9.09	34.18 2.04 -7.82	29.04 1.88 -4.83	29.01 1.94 -2.80
NYPA__ASTORIA_CC1 323568	29.45 1.75 0.00	30.45 2.02 -0.01	27.16 1.49 0.00	27.32 1.42 0.00	28.10 1.49 0.00	30.49 1.81 0.00	39.63 2.35 0.00	45.51 2.94 0.00	38.92 2.82 0.00	34.17 2.47 0.00	33.72 2.56 0.00	32.15 2.41 0.00	33.22 2.60 0.00	34.75 2.69 0.00	36.07 2.80 0.00	42.46 3.39 -0.54	48.09 3.21 -6.72	55.38 3.53 -8.84	50.26 2.89 -13.32	45.61 2.23 -16.82	37.23 2.06 -9.09	34.13 1.99 -7.82	28.99 1.83 -4.83	29.01 1.94 -2.80
NYPA__ASTORIA_CC2 323569	29.45 1.75 0.00	30.45 2.02 -0.01	27.16 1.49 0.00	27.32 1.42 0.00	28.10 1.49 0.00	30.49 1.81 0.00	39.63 2.35 0.00	45.51 2.94 0.00	38.92 2.82 0.00	34.17 2.47 0.00	33.72 2.56 0.00	32.15 2.41 0.00	33.22 2.60 0.00	34.75 2.69 0.00	36.07 2.80 0.00	42.46 3.39 -0.54	48.09 3.21 -6.72	55.38 3.53 -8.84	50.26 2.89 -13.32	45.61 2.23 -16.82	37.23 2.06 -9.09	34.13 1.99 -7.82	28.99 1.83 -4.83	29.01 1.94 -2.80
NYPA__HOLTSVILL 23794	33.85 2.27 -3.87	31.05 2.61 -0.01	27.78 2.08 -0.02	28.10 2.05 -0.16	29.19 2.13 -0.44	31.23 2.52 -0.02	39.96 2.69 0.00	46.02 3.45 0.00	38.99 2.89 0.00	34.79 3.07 -0.02	36.20 3.02 -2.02	36.75 2.83 -4.18	35.49 3.03 -1.84	36.73 3.17 -1.50	36.79 3.36 -0.16	42.84 3.78 -0.54	48.98 4.09 -6.72	61.54 4.47 -14.05	53.30 3.61 -15.64	49.36 2.87 -19.93	38.59 2.79 -9.71	37.48 2.58 -10.59	34.14 2.28 -9.53	32.79 2.33 -6.19
NYPA__HELLGATE_GT1 24158	29.45 1.75 0.00	30.37 1.93 -0.01	27.14 1.46 0.00	27.27 1.37 0.00	28.08 1.46 0.00	30.35 1.66 0.00	39.32 2.05 0.01	45.16 2.60 0.01	38.65 2.56 0.01	33.94 2.25 0.01	33.49 2.34 0.01	31.97 2.23 0.01	33.03 2.42 0.01	34.55 2.50 0.01	35.83 2.56 0.01	42.18 3.12 -0.53	47.81 2.94 -6.71	55.07 3.23 -8.83	50.02 2.66 -13.31	45.42 2.05 -16.81	37.05 1.88 -9.08	33.95 1.82 -7.82	28.92 1.76 -4.83	29.11 2.04 -2.81
NYPA__HELLGATE_GT2 24159	29.45 1.75 0.00	30.37 1.93 -0.01	27.14 1.46 0.00	27.27 1.37 0.00	28.08 1.46 0.00	30.35 1.66 0.00	39.32 2.05 0.01	45.16 2.60 0.01	38.65 2.56 0.01	33.94 2.25 0.01	33.49 2.34 0.01	31.97 2.23 0.01	33.03 2.42 0.01	34.55 2.50 0.01	35.83 2.56 0.01	42.18 3.12 -0.53	47.81 2.94 -6.71	55.07 3.23 -8.83	50.02 2.66 -13.31	45.42 2.05 -16.81	37.05 1.88 -9.08	33.95 1.82 -7.82	28.92 1.76 -4.83	29.11 2.04 -2.81
NYS_BARGE__HYD 23848	25.98 -1.72 0.00	26.21 -2.22 0.00	24.14 -1.54 0.00	24.45 -1.45 0.00	25.07 -1.54 0.00	27.28 -1.40 0.00	34.86 -2.42 0.00	39.38 -3.19 0.00	33.14 -2.96 0.00	29.89 -1.81 0.00	29.60 -1.56 0.00	28.50 -1.25 0.00	29.03 -1.59 0.00	30.13 -1.92 0.00	30.91 -2.36 0.00	35.01 -3.58 -0.07	35.51 -3.47 -0.81	40.17 -3.91 -1.07	32.94 -2.73 -1.61	26.96 -2.02 -2.41	25.43 -1.96 -1.30	22.81 -2.45 -0.95	21.04 -1.99 -0.69	23.09 -1.58 -0.40

OAK ORCHARD___HYD 24046	26.62 -1.08 0.00	27.03 -1.39 0.00	24.67 -1.00 0.00	24.94 -0.96 0.00	25.63 -0.98 0.00	27.74 -0.95 0.00	35.75 -1.53 0.00	40.70 -1.87 0.00	34.37 -1.73 0.00	30.65 -1.05 0.00	30.26 -0.90 0.00	29.06 -0.68 0.00	29.73 -0.89 0.00	30.93 -1.12 0.00	31.87 -1.40 0.00	36.58 -2.00 -0.07	37.23 -1.75 -0.82	42.21 -1.89 -1.08	34.49 -1.19 -1.63	27.77 -0.82 -2.04	26.33 -0.86 -1.10	24.08 -1.19 -0.96	21.98 -0.94 -0.58	23.93 -0.68 -0.34
OAKDALE___35_KV_LOAD 356122	27.95 0.25 0.00	28.60 0.17 0.00	25.93 0.26 0.00	26.18 0.28 0.00	26.91 0.29 0.00	29.11 0.43 0.00	37.80 0.52 0.00	43.13 0.55 0.00	36.50 0.40 0.00	32.21 0.51 0.00	31.66 0.50 0.00	30.25 0.51 0.00	31.11 0.49 0.00	32.54 0.48 0.00	33.64 0.37 0.00	38.89 0.19 -0.18	40.62 0.27 -2.18	46.28 0.39 -2.87	38.72 0.34 -4.33	32.35 0.24 -5.54	29.29 0.21 -3.00	24.42 0.15 0.04	22.44 0.11 0.00	25.29 0.10 -0.92
OCC_CHEM___DRP 24175	25.60 -2.11 0.00	25.84 -2.59 0.00	23.80 -1.87 0.00	24.08 -1.81 0.00	24.83 -1.78 0.00	26.85 -1.84 0.00	34.30 -2.98 0.00	38.57 -4.00 0.00	32.78 -3.32 0.00	29.39 -2.31 0.00	29.07 -2.09 0.00	27.99 -1.76 0.00	28.48 -2.14 0.00	29.81 -2.24 0.00	30.31 -2.96 0.00	34.39 -4.20 -0.07	34.90 -4.05 -0.78	39.44 -4.60 -1.03	32.40 -3.20 -1.55	26.69 -2.34 -2.47	25.28 -2.14 -1.33	21.86 -2.21 0.24	20.43 -1.90 0.00	22.93 -1.75 -0.41
OH_GEN_PROXY 24063	25.82 -1.88 0.00	26.10 -2.33 0.00	24.01 -1.67 0.00	24.29 -1.61 0.00	24.89 -1.70 0.02	27.13 -1.58 -0.02	34.63 -2.65 0.00	39.48 -3.53 -0.44	32.41 -3.25 0.44	29.64 -2.06 0.00	29.32 -1.84 0.00	28.23 -1.52 0.00	28.75 -1.87 0.00	29.81 -2.24 0.00	30.61 -2.66 0.00	34.74 -3.85 -0.07	35.29 -3.66 -0.79	39.96 -4.09 -1.03	32.78 -2.83 -1.55	26.36 -2.04 -1.84	26.04 -1.98 -1.94	22.79 -2.43 -0.91	22.12 -1.99 -1.78	22.00 -1.60 0.67
OLIN_CORP_DRP 24177	25.60 -2.11 0.00	25.81 -2.62 0.00	23.78 -1.90 0.00	24.08 -1.81 0.00	24.83 -1.78 0.00	26.85 -1.84 0.00	34.33 -3.06 0.00	38.66 -4.00 0.00	32.81 -3.64 0.00	29.39 -2.31 0.00	29.07 -2.09 0.00	27.99 -1.76 0.00	28.48 -2.14 0.00	29.84 -2.21 0.00	30.31 -2.96 0.00	34.40 -4.20 -0.07	34.85 -4.12 -0.81	39.43 -4.65 -1.06	32.39 -3.27 -1.60	26.63 -2.42 -2.49	25.19 -2.24 -1.35	21.79 -2.31 0.22	20.35 -1.99 0.00	22.84 -1.84 -0.41
OLIN_CORP_DSASP 323712	25.60 -2.11 0.00	25.84 -2.59 0.00	23.80 -1.87 0.00	24.08 -1.81 0.00	24.70 -1.92 0.00	26.85 -1.84 0.00	34.22 -3.06 0.00	38.57 -4.00 0.00	32.45 -3.64 0.00	29.32 -2.38 0.00	29.04 -2.12 0.00	27.99 -1.76 0.00	28.48 -2.14 0.00	29.52 -2.53 0.00	30.31 -2.96 0.00	34.35 -4.24 -0.07	34.83 -4.12 -0.78	39.44 -4.60 -1.03	32.40 -3.20 -1.55	26.69 -2.34 -2.47	25.20 -2.22 -1.33	22.52 -2.70 -0.91	20.83 -2.21 -0.71	22.91 -1.77 -0.41
ONEIDA_HERK_LFGE 323681	28.40 0.69 0.00	29.14 0.71 0.00	26.29 0.62 0.00	26.60 0.70 0.00	27.41 0.80 0.00	29.60 0.92 0.00	38.58 1.30 0.00	44.15 1.58 0.00	37.29 1.19 0.00	32.74 1.04 0.00	32.16 1.00 0.00	30.67 0.92 0.00	31.54 0.92 0.00	33.05 0.99 0.00	34.20 0.93 0.00	39.62 1.08 -0.02	39.29 0.88 -0.24	44.41 1.08 -0.32	35.18 0.65 -0.48	27.62 0.45 -0.60	26.81 0.39 -0.33	24.93 0.34 -0.28	22.73 0.22 -0.17	24.59 0.22 -0.10
ONEIDA___115KV_TB4 55905	28.42 0.72 0.00	29.14 0.71 0.00	26.32 0.64 0.00	26.59 0.70 0.00	27.41 0.80 0.00	29.57 0.89 0.00	38.55 1.27 0.00	44.11 1.53 0.00	37.33 1.23 0.00	32.75 1.05 0.00	32.16 1.00 0.00	30.70 0.95 0.00	31.57 0.95 0.00	33.11 1.06 0.00	34.24 0.96 0.00	39.64 1.08 -0.03	39.65 1.07 -0.42	44.94 1.38 -0.55	35.84 0.95 -0.83	28.33 0.72 -1.05	27.31 0.65 -0.57	24.90 0.58 0.00	22.80 0.47 0.00	24.93 0.49 -0.17
ONONDAGA_REF_OCCRA 23987	27.51 -0.19 0.00	28.14 -0.28 0.00	25.50 -0.18 0.00	25.71 -0.18 0.00	26.45 -0.16 0.00	28.45 -0.23 0.00	36.98 -0.30 0.00	42.28 -0.30 0.00	35.81 -0.29 0.00	31.54 -0.16 0.00	31.00 -0.16 0.00	29.63 -0.12 0.00	30.47 -0.15 0.00	31.90 -0.16 0.00	33.00 -0.27 0.00	38.12 -0.46 -0.06	38.55 -0.38 -0.76	43.68 -0.34 -1.01	35.37 -0.20 -1.52	28.29 -0.19 -1.91	26.94 -0.18 -1.03	24.17 -0.15 0.00	22.18 -0.16 0.00	24.44 -0.15 -0.32
ONONDAGA___COGEN 23986	27.56 -0.14 0.00	28.20 -0.23 0.00	25.52 -0.15 0.00	25.74 -0.16 0.00	26.48 -0.13 0.00	28.45 -0.23 0.00	36.98 -0.30 0.00	42.28 -0.30 0.00	35.81 -0.29 0.00	31.54 -0.16 0.00	31.00 -0.16 0.00	29.66 -0.09 0.00	30.47 -0.15 0.00	31.90 -0.16 0.00	33.00 -0.27 0.00	38.12 -0.46 -0.06	38.49 -0.38 -0.71	43.61 -0.34 -0.94	35.22 -0.24 -1.41	28.13 -0.21 -1.78	26.84 -0.21 -0.96	24.17 -0.15 0.00	22.20 -0.13 0.00	24.44 -0.12 -0.30
ONTARIO___LFGE 23819	27.54 -0.17 0.00	28.03 -0.40 0.00	25.55 -0.13 0.00	25.79 -0.10 0.00	26.53 -0.08 0.00	28.80 0.12 0.00	37.39 0.11 0.00	42.53 -0.04 0.00	36.03 -0.07 0.00	31.92 0.22 0.00	31.38 0.22 0.00	30.04 0.30 0.00	30.77 0.15 0.00	32.12 0.06 0.00	33.17 -0.10 0.00	38.06 -0.54 -0.08	38.64 -0.50 -0.98	43.91 -0.39 -1.28	35.95 -0.03 -1.93	28.94 -0.08 -2.46	27.26 -0.16 -1.33	25.03 -0.41 -1.14	22.64 -0.40 -0.71	24.34 -0.34 -0.41
ORANGEVILLE_WT_PWR 323706	26.68 -1.02 0.00	26.98 -1.45 0.00	24.80 -0.87 0.00	25.12 -0.78 0.00	25.79 -0.83 0.00	28.11 -0.57 0.00	36.12 -1.16 0.00	40.91 -1.66 0.00	34.44 -1.66 0.00	30.88 -0.82 0.00	30.54 -0.62 0.00	29.36 -0.39 0.00	29.92 -0.70 0.00	31.13 -0.93 0.00	31.97 -1.30 0.00	36.26 -2.35 -0.09	36.83 -2.40 -1.07	41.71 -2.71 -1.40	34.12 -2.04 -2.11	27.95 -1.65 -3.04	26.00 -1.72 -1.64	23.41 -2.14 -1.24	21.31 -1.90 -0.87	23.17 -1.60 -0.51
ORANGEVILLE___ESR 323794	26.68 -1.02 0.00	26.98 -1.45 0.00	24.80 -0.87 0.00	25.12 -0.78 0.00	25.79 -0.83 0.00	28.11 -0.57 0.00	36.12 -1.16 0.00	40.91 -1.66 0.00	34.44 -1.66 0.00	30.88 -0.82 0.00	30.54 -0.62 0.00	29.36 -0.39 0.00	29.92 -0.70 0.00	31.13 -0.93 0.00	31.97 -1.30 0.00	36.26 -2.35 -0.09	36.83 -2.40 -1.07	41.71 -2.71 -1.40	34.12 -2.04 -2.11	27.95 -1.65 -3.04	26.00 -1.72 -1.64	23.41 -2.14 -1.24	21.31 -1.90 -0.87	23.17 -1.60 -0.51
OSWEGATCHIE___HYD 24044	28.20 0.50 0.00	29.11 0.68 0.00	26.19 0.51 0.00	26.60 0.70 0.00	27.49 0.88 0.00	29.69 1.00 0.00	38.69 1.42 0.00	43.98 1.40 0.00	36.96 0.86 0.00	32.62 0.92 0.00	32.00 0.84 0.00	30.40 0.65 0.00	31.29 0.67 0.00	32.79 0.74 0.00	33.90 0.63 0.00	39.12 0.58 -0.02	38.48 0.08 -0.24	43.24 -0.09 -0.31	33.91 -0.61 -0.47	26.71 -0.45 -0.60	25.94 -0.47 -0.32	24.08 -0.51 -0.28	21.92 -0.58 -0.17	23.69 -0.68 -0.10
OSWEGO___5 23606	27.12 -0.58 0.00	27.77 -0.65 0.00	25.14 -0.54 0.00	25.35 -0.55 0.00	26.05 -0.56 0.00	27.99 -0.69 0.00	36.35 -0.93 0.00	41.51 -1.06 0.00	35.13 -0.97 0.00	30.94 -0.76 0.00	30.45 -0.72 0.00	29.09 -0.65 0.00	29.92 -0.70 0.00	31.29 -0.77 0.00	32.41 -0.87 0.00	37.49 -1.08 -0.04	37.67 -1.03 -0.54	42.60 -1.12 -0.70	34.26 -0.85 -1.06	27.24 -0.66 -1.34	26.18 -0.63 -0.72	24.38 -0.56 -0.62	22.23 -0.49 -0.38	24.03 -0.46 -0.22

OSWEGO___6 23613	27.12 -0.58 0.00	27.77 -0.65 0.00	25.14 -0.54 0.00	25.35 -0.55 0.00	26.05 -0.56 0.00	27.99 -0.69 0.00	36.35 -0.93 0.00	41.51 -1.06 0.00	35.13 -0.97 0.00	30.94 -0.76 0.00	30.45 -0.72 0.00	29.09 -0.65 0.00	29.92 -0.70 0.00	31.29 -0.77 0.00	32.41 -0.87 0.00	37.49 -1.08 -0.04	37.67 -1.03 -0.54	42.60 -1.12 -0.70	34.26 -0.85 -1.06	27.24 -0.66 -1.34	26.18 -0.63 -0.72	24.38 -0.56 -0.62	22.23 -0.49 -0.38	24.03 -0.46 -0.22
OUTOKUMPU-AB___DRP 24206	26.29 -1.41 0.00	26.49 -1.93 0.00	24.42 -1.26 0.00	24.70 -1.19 0.00	25.47 -1.14 0.00	27.59 -1.09 0.00	35.34 -1.94 0.00	39.89 -2.68 0.00	33.86 -2.24 0.00	30.31 -1.39 0.00	30.01 -1.15 0.00	28.88 -0.86 0.00	29.43 -1.19 0.00	30.84 -1.22 0.00	31.31 -1.96 0.00	35.36 -3.24 -0.07	35.86 -3.13 -0.82	40.57 -3.53 -1.08	33.16 -2.52 -1.63	27.21 -1.86 -2.51	25.72 -1.72 -1.36	22.25 -1.85 0.21	20.75 -1.59 0.00	23.23 -1.46 -0.42
OXBOW___BTM 323836	25.98 -1.72 0.00	26.21 -2.22 0.00	24.14 -1.54 0.00	24.45 -1.45 0.00	25.07 -1.54 0.00	27.25 -1.43 0.00	34.82 -2.46 0.00	39.30 -3.28 0.00	33.07 -3.03 0.00	29.86 -1.84 0.00	29.57 -1.59 0.00	28.50 -1.25 0.00	29.00 -1.62 0.00	30.10 -1.96 0.00	30.91 -2.36 0.00	34.97 -3.62 -0.07	35.42 -3.55 -0.80	40.11 -3.96 -1.05	32.85 -2.79 -1.59	27.01 -2.04 -2.49	25.47 -1.96 -1.34	22.79 -2.45 -0.93	21.04 -2.01 -0.71	23.10 -1.58 -0.41
OXBOW____ 24026	25.98 -1.72 0.00	26.21 -2.22 0.00	24.14 -1.54 0.00	24.45 -1.45 0.00	25.20 -1.41 0.00	27.25 -1.43 0.00	34.89 -2.39 0.00	39.34 -3.24 0.00	33.39 -2.71 0.00	29.89 -1.81 0.00	29.60 -1.56 0.00	28.50 -1.25 0.00	29.00 -1.62 0.00	30.39 -1.67 0.00	30.88 -2.40 0.00	34.97 -3.62 -0.07	35.46 -3.51 -0.80	40.07 -4.00 -1.05	32.85 -2.79 -1.59	27.01 -2.05 -2.49	25.55 -1.88 -1.34	22.09 -1.99 0.22	20.61 -1.72 0.00	23.13 -1.55 -0.41
OXY_CHEM_DSASP 323612	25.60 -2.11 0.00	25.84 -2.59 0.00	23.80 -1.87 0.00	24.08 -1.81 0.00	24.83 -1.78 0.00	26.85 -1.84 0.00	34.30 -2.98 0.00	38.57 -4.00 0.00	32.78 -3.32 0.00	29.39 -2.31 0.00	29.07 -2.09 0.00	27.99 -1.76 0.00	28.48 -2.14 0.00	29.81 -2.24 0.00	30.31 -2.96 0.00	34.39 -4.20 -0.07	34.90 -4.05 -0.78	39.44 -4.60 -1.03	32.40 -3.20 -1.55	26.69 -2.34 -2.47	25.28 -2.14 -1.33	21.86 -2.21 0.24	20.43 -1.90 0.00	22.93 -1.75 -0.41
OZONE_PARK_ESR 323760	29.53 1.83 0.00	30.59 2.16 0.00	27.22 1.54 0.00	27.40 1.50 0.00	28.18 1.57 0.00	30.69 2.01 0.00	39.96 2.68 0.00	46.07 3.49 0.00	39.20 3.10 0.00	34.43 2.73 0.00	34.00 2.84 0.00	32.42 2.68 0.00	33.47 2.85 0.00	34.94 2.89 0.00	36.40 3.13 0.00	42.80 3.74 -0.54	48.55 3.66 -6.72	55.94 4.09 -8.84	50.71 3.34 -13.32	45.95 2.58 -16.81	37.55 2.37 -9.09	26.47 2.16 0.01	24.34 2.01 0.00	29.08 2.01 -2.80
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	25.60 -2.11 0.00	25.84 -2.59 0.00	23.80 -1.87 0.00	24.08 -1.81 0.00	24.83 -1.78 0.00	26.85 -1.84 0.00	34.30 -2.98 0.00	38.57 -4.00 0.00	32.78 -3.32 0.00	29.39 -2.31 0.00	29.07 -2.09 0.00	27.99 -1.76 0.00	28.48 -2.14 0.00	29.81 -2.24 0.00	30.31 -2.96 0.00	34.39 -4.20 -0.07	34.90 -4.05 -0.78	39.44 -4.60 -1.03	32.40 -3.20 -1.55	26.69 -2.34 -2.47	25.28 -2.14 -1.33	21.86 -2.21 0.24	20.43 -1.90 0.00	22.93 -1.75 -0.41
PACKARD__115KV_DUPONT_184 80571	25.60 -2.11 0.00	25.84 -2.59 0.00	23.80 -1.87 0.00	24.08 -1.81 0.00	24.83 -1.78 0.00	26.85 -1.84 0.00	34.30 -2.98 0.00	38.57 -4.00 0.00	32.78 -3.32 0.00	29.39 -2.31 0.00	29.07 -2.09 0.00	27.99 -1.76 0.00	28.48 -2.14 0.00	29.81 -2.24 0.00	30.31 -2.96 0.00	34.39 -4.20 -0.07	34.90 -4.05 -0.78	39.44 -4.60 -1.03	32.40 -3.20 -1.55	26.69 -2.34 -2.47	25.28 -2.14 -1.33	21.86 -2.21 0.24	20.43 -1.90 0.00	22.93 -1.75 -0.41
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	29.56 1.86 0.00	30.47 2.05 0.00	27.22 1.54 0.00	27.37 1.48 0.00	28.13 1.52 0.00	30.43 1.75 0.00	39.44 2.16 0.00	45.34 2.77 0.00	38.70 2.60 0.00	34.01 2.31 0.00	33.56 2.40 0.00	32.01 2.26 0.00	33.07 2.45 0.00	34.53 2.47 0.00	35.93 2.66 0.00	42.26 3.20 -0.54	47.93 3.05 -6.72	55.21 3.36 -8.84	50.13 2.76 -13.32	45.50 2.12 -16.82	37.13 1.96 -9.09	26.11 1.80 0.01	24.21 1.88 0.00	29.13 2.06 -2.80
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	29.70 1.99 0.00	30.70 2.27 0.00	27.40 1.72 0.00	27.53 1.63 0.00	28.29 1.68 0.00	30.60 1.92 0.00	39.63 2.35 0.00	45.55 2.98 0.00	38.88 2.78 0.00	34.14 2.44 0.00	33.72 2.56 0.00	32.16 2.41 0.00	33.22 2.60 0.00	34.69 2.63 0.00	36.07 2.79 0.00	42.46 3.39 -0.54	48.09 3.21 -6.72	55.38 3.53 -8.84	50.27 2.89 -13.32	45.64 2.26 -16.82	37.24 2.06 -9.09	26.23 1.92 0.01	24.32 1.99 0.00	29.25 2.18 -2.80
PATROON__115KV_TB1 80586	28.23 0.53 0.00	29.02 0.60 0.00	26.14 0.46 0.00	26.34 0.44 0.00	27.04 0.43 0.00	29.29 0.60 0.00	38.14 0.86 0.00	43.60 1.02 0.00	37.00 0.90 0.00	32.33 0.63 0.00	31.82 0.65 0.00	30.31 0.57 0.00	31.23 0.61 0.00	32.70 0.64 0.00	34.10 0.83 0.00	40.26 1.12 -0.62	46.95 1.11 -7.68	54.41 1.29 -10.10	50.27 0.99 -15.23	46.54 0.77 -19.21	37.22 0.76 -10.38	24.94 0.63 0.00	22.89 0.56 0.00	27.98 0.51 -3.20
PATTRSNVILLE__SOLAR 323815	28.75 1.05 0.00	29.53 1.11 0.00	26.60 0.92 0.00	26.83 0.93 0.00	27.60 0.99 0.00	29.86 1.18 0.00	38.92 1.64 0.00	44.45 1.87 0.00	37.61 1.52 0.00	32.87 1.17 0.00	32.28 1.12 0.00	30.67 0.92 0.00	31.57 0.95 0.00	33.15 1.09 0.00	34.47 1.20 0.00	40.82 1.66 -0.65	47.85 1.68 -8.01	55.57 2.02 -10.54	51.54 1.60 -15.88	47.85 1.25 -20.04	38.12 1.20 -10.83	34.66 1.02 -9.33	29.00 0.92 -5.75	28.50 0.90 -3.34
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	26.98 -0.72 0.00	27.17 -1.25 0.00	25.06 -0.62 0.00	25.40 -0.49 0.00	26.16 -0.45 0.00	28.48 -0.20 0.00	36.61 -0.67 0.00	41.25 -1.32 0.00	34.87 -1.23 0.00	31.19 -0.51 0.00	30.82 -0.34 0.00	29.69 -0.06 0.00	30.25 -0.37 0.00	31.67 -0.38 0.00	32.24 -1.03 0.00	35.67 -2.93 -0.08	36.24 -2.82 -0.90	41.06 -3.14 -1.19	33.28 -2.55 -1.78	27.17 -2.10 -2.70	25.54 -2.01 -1.46	21.99 -2.12 0.21	20.41 -1.92 0.00	22.80 -1.92 -0.45
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	29.28 1.58 0.00	30.19 1.76 0.00	27.06 1.39 0.00	27.24 1.35 0.00	28.02 1.41 0.00	30.55 1.86 0.00	39.78 2.50 0.00	45.68 3.11 0.00	38.84 2.74 0.00	34.01 2.31 0.00	33.56 2.40 0.00	31.95 2.20 0.00	33.07 2.45 0.00	34.53 2.47 0.00	36.00 2.73 0.00	42.38 3.31 -0.55	48.17 3.24 -6.76	55.48 3.57 -8.90	50.39 2.93 -13.41	45.73 2.23 -16.93	37.35 2.11 -9.15	26.11 1.80 0.01	24.05 1.72 0.00	28.76 1.67 -2.82
PEEKSKILL____ 23653	29.09 1.38 0.00	30.02 1.59 0.00	26.88 1.21 0.00	27.06 1.17 0.00	27.84 1.22 0.00	30.32 1.63 0.00	39.44 2.16 0.00	45.34 2.77 0.00	38.62 2.53 0.00	33.86 2.16 0.00	33.34 2.18 0.00	31.80 2.05 0.00	32.85 2.23 0.00	34.40 2.34 0.00	35.73 2.46 0.00	42.11 3.04 -0.54	47.86 3.01 -6.68	55.16 3.36 -8.79	50.06 2.76 -13.25	45.39 2.10 -16.73	37.11 1.98 -9.04	33.90 1.80 -7.79	28.75 1.61 -4.80	28.63 1.58 -2.79

PGE MADISON___WINDPWR 24146	29.86 2.16 0.00	30.53 2.10 0.00	27.58 1.90 0.00	28.02 2.12 0.00	28.87 2.26 0.00	31.32 2.64 0.00	41.04 3.76 0.00	47.08 4.51 0.00	39.64 3.54 0.00	34.74 3.04 0.00	34.03 2.86 0.00	32.57 2.83 0.00	33.41 2.79 0.00	35.07 3.01 0.00	36.07 2.80 0.00	41.97 3.27 -0.17	43.60 3.32 -2.11	50.14 4.34 -2.78	41.41 3.17 -4.19	34.27 2.36 -5.34	31.14 2.16 -2.89	28.65 1.87 -2.46	25.36 1.50 -1.53	26.76 1.60 -0.89
PIERCEFIELD___HYD 23852	28.15 0.44 0.00	29.14 0.71 0.00	26.21 0.54 0.00	26.67 0.78 0.00	27.57 0.96 0.00	29.80 1.12 0.00	38.81 1.53 0.00	43.60 1.02 0.00	36.75 0.65 0.00	32.62 0.92 0.00	31.82 0.65 0.00	30.28 0.54 0.00	31.26 0.64 0.00	32.73 0.67 0.00	33.84 0.57 0.00	38.88 0.35 -0.01	38.11 -0.23 -0.18	42.52 -0.73 -0.23	33.11 -1.29 -0.35	26.11 -0.90 -0.45	25.44 -0.89 -0.24	23.39 -0.92 0.00	21.35 -0.98 0.00	23.13 -1.21 -0.07
PINELAWN_CC_1 323563	33.73 2.27 -3.75	31.05 2.61 -0.01	27.73 2.03 -0.02	28.02 1.97 -0.15	29.12 2.08 -0.43	31.26 2.55 -0.02	40.08 2.80 0.00	46.11 3.53 0.00	39.17 3.07 0.00	34.85 3.14 -0.01	36.05 2.77 -2.12	36.69 2.56 -4.38	35.33 2.79 -1.93	36.52 2.89 -1.57	36.49 3.06 -0.16	42.57 3.51 -0.54	48.56 3.66 -6.73	61.45 4.13 -14.30	53.01 3.20 -15.76	49.14 2.50 -20.08	38.38 2.56 -9.74	37.59 2.58 -10.71	34.00 2.28 -9.38	32.69 2.33 -6.09
PJM_GEN_HTP_PROXY 323702	29.31 1.61 0.00	30.33 1.90 0.00	27.04 1.36 0.00	27.22 1.32 0.00	27.97 1.38 0.02	30.49 1.78 -0.02	39.67 2.39 0.00	46.08 3.07 -0.44	38.48 2.82 0.44	34.17 2.47 0.00	33.65 2.49 0.00	32.13 2.38 0.00	33.19 2.57 0.00	34.72 2.66 0.00	36.07 2.80 0.00	42.46 3.39 -0.54	48.20 3.32 -6.72	55.55 3.70 -8.83	50.37 3.00 -13.32	45.08 2.31 -16.20	37.92 2.14 -9.70	34.13 1.99 -7.82	30.02 1.79 -5.90	27.76 1.77 -1.73
PJM_GEN_KEystone 24065	27.73 0.03 0.00	28.37 -0.06 0.00	25.70 0.03 0.00	25.95 0.05 0.00	26.64 0.05 0.02	29.11 0.40 -0.02	37.61 0.33 0.00	43.35 0.34 -0.44	35.88 0.22 0.44	32.18 0.48 0.00	31.69 0.53 0.00	30.34 0.59 0.00	31.17 0.55 0.00	32.54 0.48 0.00	33.64 0.37 0.00	39.01 0.15 -0.33	42.38 0.15 -4.06	48.61 0.26 -5.34	42.44 0.34 -8.05	36.56 0.27 -9.73	32.47 0.18 -6.20	29.04 0.00 -4.73	26.35 -0.02 -4.04	24.94 0.02 -0.65
PJM_GEN_NEPTUNE_PROXY 323594	33.70 2.05 -3.95	30.85 2.41 -0.01	27.52 1.82 -0.02	27.84 1.79 -0.16	28.90 1.86 -0.43	31.06 2.32 -0.05	39.85 2.57 0.00	46.25 3.23 -0.44	38.55 2.89 0.44	34.66 2.95 -0.02	35.98 2.86 -1.96	36.47 2.68 -4.04	35.34 2.94 -1.78	36.52 3.01 -1.45	36.62 3.19 -0.15	42.73 3.66 -0.54	48.59 3.70 -6.72	61.02 4.13 -13.88	52.96 3.34 -15.57	48.38 2.60 -19.22	38.92 2.53 -10.30	37.18 2.36 -10.51	35.15 2.12 -10.70	31.59 2.14 -5.19
PJM_GEN_VFT_PROXY 323633	29.25 1.55 0.00	30.28 1.85 -0.01	26.98 1.31 0.00	27.14 1.24 0.00	27.92 1.33 0.02	30.43 1.72 -0.02	39.63 2.35 0.00	46.03 3.02 -0.44	38.48 2.82 0.44	34.14 2.44 0.00	33.65 2.49 0.00	32.13 2.38 0.00	33.19 2.57 0.00	34.72 2.66 0.00	36.07 2.80 0.00	42.46 3.39 -0.54	48.16 3.28 -6.72	55.50 3.65 -8.84	50.33 2.96 -13.32	45.08 2.31 -16.20	37.92 2.14 -9.70	34.13 1.99 -7.82	30.00 1.76 -5.90	27.76 1.77 -1.73
PLATSBURG_115KV_PMLD1 355749	28.59 0.89 0.00	29.59 1.17 0.00	26.63 0.95 0.00	27.06 1.17 0.00	27.97 1.36 0.00	30.23 1.55 0.00	38.92 1.64 0.00	43.09 0.51 0.00	36.71 0.61 0.00	32.62 0.92 0.00	31.85 0.69 0.00	30.28 0.54 0.00	31.23 0.61 0.00	32.70 0.64 0.00	33.80 0.53 0.00	38.69 0.15 -0.01	37.69 -0.61 -0.13	41.86 -1.33 -0.18	32.45 -1.87 -0.27	25.57 -1.33 -0.34	24.96 -1.30 -0.18	23.22 -1.09 0.00	21.15 -1.18 0.00	22.84 -1.48 -0.06
PLEASANTVLY___LBMP 24000	28.95 1.25 0.00	29.85 1.42 0.00	26.75 1.08 0.00	26.93 1.04 0.00	27.68 1.06 0.00	30.12 1.43 0.00	39.18 1.90 0.00	45.04 2.47 0.00	38.26 2.17 0.00	33.54 1.84 0.00	33.00 1.84 0.00	31.47 1.73 0.00	32.52 1.90 0.00	33.98 1.92 0.00	35.40 2.13 0.00	41.70 2.62 -0.55	47.66 2.63 -6.87	54.97 2.93 -9.03	50.02 2.35 -13.62	45.59 1.83 -17.19	37.10 1.72 -9.29	25.84 1.53 0.01	23.76 1.43 0.00	28.54 1.41 -2.86
PLSNTVLE_13_KV_13.8KVDIST 80602	29.20 1.50 0.00	30.13 1.71 0.00	26.93 1.26 0.00	27.11 1.22 0.00	27.89 1.28 0.00	30.38 1.69 0.00	39.51 2.24 0.00	45.47 2.90 0.00	38.66 2.56 0.00	33.92 2.22 0.00	33.44 2.27 0.00	31.89 2.14 0.00	32.95 2.33 0.00	34.40 2.34 0.00	35.83 2.56 0.00	42.19 3.12 -0.54	48.00 3.09 -6.74	55.32 3.44 -8.86	50.21 2.79 -13.36	45.58 2.15 -16.87	37.21 2.01 -9.12	26.11 1.80 0.01	24.03 1.70 0.00	28.73 1.65 -2.81
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	29.20 1.50 0.00	30.13 1.71 0.00	26.93 1.26 0.00	27.11 1.22 0.00	27.89 1.28 0.00	30.38 1.69 0.00	39.51 2.24 0.00	45.47 2.90 0.00	38.66 2.56 0.00	33.92 2.22 0.00	33.44 2.27 0.00	31.89 2.14 0.00	32.95 2.33 0.00	34.40 2.34 0.00	35.83 2.56 0.00	42.19 3.12 -0.54	48.00 3.09 -6.74	55.32 3.44 -8.86	50.21 2.79 -13.36	45.58 2.15 -16.87	37.21 2.01 -9.12	26.11 1.80 0.01	24.03 1.70 0.00	28.73 1.65 -2.81
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	29.03 1.33 0.00	29.93 1.51 0.00	26.86 1.18 0.00	27.04 1.14 0.00	27.78 1.17 0.00	30.23 1.55 0.00	39.37 2.09 0.00	45.21 2.64 0.00	38.41 2.31 0.00	33.60 1.90 0.00	33.09 1.93 0.00	31.53 1.78 0.00	32.58 1.96 0.00	34.04 1.99 0.00	35.50 2.23 0.00	41.85 2.77 -0.55	47.77 2.79 -6.82	55.08 3.10 -8.97	50.05 2.49 -13.52	45.54 1.91 -17.06	37.13 1.83 -9.22	25.89 1.58 0.01	23.83 1.50 0.00	28.56 1.46 -2.84
POLETTI___ 23519	29.31 1.61 0.00	30.30 1.88 0.00	27.04 1.36 0.00	27.19 1.29 0.00	27.94 1.33 0.00	30.40 1.72 0.00	32.99 2.31 6.60	36.47 3.02 9.12	32.95 2.74 5.89	34.09 2.41 0.02	33.64 2.49 0.02	32.08 2.35 0.02	33.15 2.54 0.02	34.61 2.56 0.02	36.02 2.76 0.02	38.88 3.35 2.99	36.69 3.24 4.72	44.27 3.61 2.36	39.11 2.96 -2.10	40.84 2.28 -11.99	33.84 2.09 -5.67	25.92 1.90 0.29	24.14 1.81 0.00	28.91 1.84 -2.80
POMONA___ESR 323819	29.09 1.38 0.00	29.99 1.56 0.00	26.86 1.18 0.00	27.06 1.17 0.00	27.84 1.22 0.00	30.32 1.63 0.00	39.44 2.16 0.00	45.34 2.77 0.00	38.62 2.53 0.00	33.86 2.16 0.00	33.34 2.18 0.00	31.80 2.05 0.00	32.85 2.23 0.00	34.37 2.31 0.00	35.73 2.46 0.00	42.10 3.04 -0.53	47.79 3.01 -6.61	55.11 3.40 -8.70	49.92 2.76 -13.11	45.24 2.13 -16.55	37.02 1.98 -8.95	33.84 1.82 -7.70	28.71 1.63 -4.75	28.63 1.60 -2.76
PORT_JEFF_3 23555	33.95 2.38 -3.87	31.14 2.70 -0.01	27.88 2.18 -0.02	28.20 2.15 -0.16	29.29 2.24 -0.44	31.34 2.64 -0.02	40.11 2.83 0.00	46.24 3.66 0.00	39.13 3.03 0.00	34.95 3.23 -0.02	36.36 3.18 -2.02	36.93 3.00 -4.18	35.64 3.18 -1.84	36.89 3.33 -1.50	36.95 3.53 -0.16	43.03 3.97 -0.54	49.16 4.27 -6.72	61.80 4.73 -14.05	53.51 3.81 -15.64	49.52 3.03 -19.93	38.72 2.92 -9.71	37.60 2.70 -10.59	34.25 2.39 -9.53	32.88 2.43 -6.19

PORT_JEFF_4 23616	33.95 2.38 -3.87	31.14 2.70 -0.01	27.88 2.18 -0.02	28.20 2.15 -0.16	29.29 2.24 -0.44	31.34 2.64 -0.02	40.11 2.83 0.00	46.24 3.66 0.00	39.13 3.03 0.00	34.95 3.23 -0.02	36.36 3.18 -2.02	36.93 3.00 -4.18	35.64 3.18 -1.84	36.89 3.33 -1.50	36.95 3.53 -0.16	43.03 3.97 -0.54	49.16 4.27 -6.72	61.80 4.73 -14.05	53.51 3.81 -15.64	49.52 3.03 -19.93	38.72 2.92 -9.71	37.60 2.70 -10.59	34.25 2.39 -9.53	32.88 2.43 -6.19
PORT_JEFF_IC 23713	33.98 2.41 -3.86	31.22 2.79 -0.01	27.91 2.21 -0.02	28.23 2.18 -0.16	29.29 2.24 -0.44	31.40 2.70 -0.02	39.85 2.57 0.00	46.28 3.70 0.00	39.02 2.92 0.00	34.95 3.23 -0.02	36.43 3.24 -2.03	36.97 3.03 -4.19	35.68 3.22 -1.84	36.86 3.30 -1.50	37.12 3.69 -0.16	43.07 4.01 -0.54	49.24 4.35 -6.72	61.89 4.82 -14.06	53.58 3.88 -15.65	49.60 3.11 -19.93	38.77 2.97 -9.71	29.77 2.70 -2.76	29.48 2.46 -4.69	32.93 2.48 -6.19
PPL PILGRIM_ST_GT1 24216	33.93 2.38 -3.85	31.17 2.73 -0.01	27.86 2.16 -0.02	28.18 2.12 -0.16	29.26 2.21 -0.44	31.40 2.70 -0.02	40.22 2.94 0.00	46.32 3.75 0.00	39.28 3.18 0.00	35.01 3.30 -0.02	36.41 3.21 -2.04	37.00 3.04 -4.21	35.69 3.21 -1.85	36.94 3.37 -1.51	36.99 3.56 -0.16	43.11 4.04 -0.54	49.05 4.16 -6.73	61.71 4.60 -14.09	53.43 3.71 -15.66	49.44 2.92 -19.95	38.72 2.92 -9.72	37.62 2.70 -10.61	34.23 2.39 -9.50	32.87 2.43 -6.17
PPL PILGRIM_ST_GT2 24217	33.93 2.38 -3.85	31.17 2.73 -0.01	27.86 2.16 -0.02	28.18 2.12 -0.16	29.26 2.21 -0.44	31.40 2.70 -0.02	40.22 2.94 0.00	46.32 3.75 0.00	39.28 3.18 0.00	35.01 3.30 -0.02	36.41 3.21 -2.04	37.00 3.04 -4.21	35.69 3.21 -1.85	36.94 3.37 -1.51	36.99 3.56 -0.16	43.11 4.04 -0.54	49.05 4.16 -6.73	61.71 4.60 -14.09	53.43 3.71 -15.66	49.44 2.92 -19.95	38.72 2.92 -9.72	37.62 2.70 -10.61	34.23 2.39 -9.50	32.87 2.43 -6.17
PPL_SHRM_GT3 24213	33.95 2.38 -3.87	31.14 2.70 -0.01	28.01 2.31 -0.02	28.33 2.28 -0.16	29.45 2.40 -0.44	31.52 2.81 -0.02	40.34 3.06 0.00	46.49 3.91 0.00	39.13 3.03 0.00	34.88 3.17 -0.02	36.40 3.21 -2.03	36.93 3.00 -4.18	35.64 3.18 -1.84	36.89 3.33 -1.50	36.99 3.56 -0.16	43.07 4.01 -0.54	49.54 4.65 -6.72	62.01 4.94 -14.05	53.68 3.98 -15.64	49.81 3.32 -19.93	38.95 3.16 -9.71	37.80 2.89 -10.59	34.38 2.52 -9.52	32.88 2.43 -6.19
PPL_SHRM_GT4 24214	33.95 2.38 -3.87	31.14 2.70 -0.01	28.01 2.31 -0.02	28.33 2.28 -0.16	29.45 2.40 -0.44	31.52 2.81 -0.02	40.34 3.06 0.00	46.49 3.91 0.00	39.13 3.03 0.00	34.88 3.17 -0.02	36.40 3.21 -2.03	36.93 3.00 -4.18	35.64 3.18 -1.84	36.89 3.33 -1.50	36.99 3.56 -0.16	43.07 4.01 -0.54	49.54 4.65 -6.72	62.01 4.94 -14.05	53.68 3.98 -15.64	49.81 3.32 -19.93	38.95 3.16 -9.71	37.80 2.89 -10.59	34.38 2.52 -9.52	32.88 2.43 -6.19
PROJECT___ORANGE 1 24174	27.40 -0.30 0.00	28.03 -0.40 0.00	25.39 -0.28 0.00	25.61 -0.28 0.00	26.35 -0.27 0.00	28.31 -0.37 0.00	36.79 -0.48 0.00	42.02 -0.55 0.00	35.63 -0.47 0.00	31.38 -0.32 0.00	30.88 -0.28 0.00	29.51 -0.24 0.00	30.35 -0.28 0.00	31.77 -0.29 0.00	32.87 -0.40 0.00	37.96 -0.62 -0.05	38.26 -0.53 -0.63	43.29 -0.56 -0.83	34.89 -0.41 -1.25	27.82 -0.32 -1.58	26.63 -0.31 -0.85	24.07 -0.24 0.00	22.09 -0.25 0.00	24.31 -0.22 -0.26
PROJECT___ORANGE 2 24166	27.40 -0.30 0.00	28.03 -0.40 0.00	25.39 -0.28 0.00	25.61 -0.28 0.00	26.35 -0.27 0.00	28.31 -0.37 0.00	36.79 -0.48 0.00	42.02 -0.55 0.00	35.63 -0.47 0.00	31.38 -0.32 0.00	30.88 -0.28 0.00	29.51 -0.24 0.00	30.35 -0.28 0.00	31.77 -0.29 0.00	32.87 -0.40 0.00	37.96 -0.62 -0.05	38.26 -0.53 -0.63	43.29 -0.56 -0.83	34.89 -0.41 -1.25	27.82 -0.32 -1.58	26.63 -0.31 -0.85	24.07 -0.24 0.00	22.09 -0.25 0.00	24.31 -0.22 -0.26
PUCKETT___SOLAR 323809	28.42 0.72 0.00	29.08 0.65 0.00	26.34 0.67 0.00	26.62 0.72 0.00	27.36 0.74 0.00	29.66 0.98 0.00	38.62 1.34 0.00	44.10 1.53 0.00	37.25 1.15 0.00	32.81 1.11 0.00	32.19 1.03 0.00	30.79 1.04 0.00	31.63 1.01 0.00	33.08 1.03 0.00	34.20 0.93 0.00	39.67 0.96 -0.18	41.45 1.03 -2.26	47.32 1.33 -2.97	39.58 1.06 -4.47	33.04 0.77 -5.71	29.88 0.70 -3.09	27.50 0.56 -2.63	24.42 0.45 -1.64	25.70 0.49 -0.95
PYRITES___HYD 24023	28.42 0.72 0.00	29.45 1.02 0.00	26.47 0.80 0.00	26.98 1.09 0.00	27.92 1.30 0.00	30.20 1.52 0.00	39.40 2.12 0.00	44.36 1.79 0.00	37.29 1.19 0.00	33.06 1.36 0.00	32.19 1.03 0.00	30.64 0.89 0.00	31.60 0.98 0.00	33.11 1.06 0.00	34.20 0.93 0.00	39.35 0.81 -0.01	38.57 0.23 -0.17	43.11 -0.13 -0.23	33.55 -0.85 -0.34	26.44 -0.56 -0.43	25.75 -0.57 -0.23	23.66 -0.66 0.00	21.57 -0.76 0.00	23.34 -0.99 -0.07
QUAKERRD_115KV_BK1 80622	26.23 -1.47 0.00	26.69 -1.73 0.00	24.31 -1.36 0.00	24.55 -1.35 0.00	25.28 -1.33 0.00	27.28 -1.41 0.00	35.30 -1.98 0.00	40.15 -2.43 0.00	34.08 -2.02 0.00	30.21 -1.49 0.00	29.79 -1.37 0.00	28.59 -1.16 0.00	29.27 -1.35 0.00	30.61 -1.44 0.00	31.44 -1.83 0.00	36.24 -2.35 -0.06	36.76 -2.21 -0.81	41.62 -2.45 -1.06	33.98 -1.67 -1.60	27.29 -1.25 -1.97	25.93 -1.23 -1.07	23.14 -1.19 -0.02	21.26 -1.07 0.00	23.55 -1.04 -0.33
QUENSBRY_115KV_TB8 356137	29.70 1.99 0.00	30.50 2.08 0.00	27.45 1.77 0.00	27.68 1.79 0.00	28.48 1.86 0.00	30.89 2.21 0.00	40.33 3.06 0.00	46.07 3.49 0.00	39.02 2.92 0.00	34.05 2.35 0.00	33.56 2.40 0.00	31.80 2.05 0.00	32.67 2.05 0.00	34.17 2.12 0.00	35.57 2.30 0.00	42.04 2.89 -0.63	48.89 2.90 -7.82	56.87 3.57 -10.29	52.39 2.83 -15.51	48.28 2.15 -19.57	38.78 2.11 -10.58	26.09 1.77 0.00	23.92 1.59 0.00	29.05 1.53 -3.26
RAMAPO___LBMP 323565	29.00 1.30 0.00	29.90 1.48 0.00	26.78 1.10 0.00	26.98 1.09 0.00	27.73 1.12 0.00	30.23 1.55 0.00	39.33 2.05 0.00	45.21 2.64 0.00	38.41 2.31 0.00	33.73 2.03 0.00	33.22 2.06 0.00	31.68 1.93 0.00	32.73 2.11 0.00	34.17 2.12 0.00	35.60 2.33 0.00	41.91 2.85 -0.53	47.66 2.90 -6.59	54.95 3.27 -8.67	49.78 2.66 -13.07	45.14 2.07 -16.50	36.91 1.90 -8.92	26.01 1.70 0.01	23.94 1.61 0.00	28.54 1.53 -2.75
RANKINE____ 23646	26.59 -1.11 0.00	26.81 -1.62 0.00	24.73 -0.95 0.00	25.02 -0.88 0.00	25.79 -0.83 0.00	27.99 -0.69 0.00	35.94 -1.34 0.00	40.57 -2.00 0.00	34.37 -1.73 0.00	30.75 -0.95 0.00	30.41 -0.75 0.00	29.27 -0.48 0.00	29.82 -0.80 0.00	31.22 -0.83 0.00	31.77 -1.50 0.00	35.67 -2.93 -0.08	36.22 -2.82 -0.88	40.94 -3.23 -1.15	33.41 -2.38 -1.74	27.38 -1.83 -2.65	25.77 -1.75 -1.43	22.23 -1.87 0.21	20.66 -1.67 0.00	23.13 -1.58 -0.44
RAVENSWOOD_GT2_1 24244	29.36 1.66 0.00	30.36 1.93 0.00	27.06 1.39 0.00	27.24 1.35 0.00	28.00 1.38 0.00	30.49 1.81 0.00	39.66 2.39 0.00	45.68 3.11 0.00	38.88 2.78 0.00	34.17 2.47 0.00	33.72 2.56 0.00	32.16 2.41 0.00	33.19 2.57 0.00	34.69 2.63 0.00	36.10 2.83 0.00	42.46 3.39 -0.54	48.20 3.32 -6.72	55.55 3.70 -8.84	50.37 3.00 -13.32	45.72 2.34 -16.82	37.31 2.14 -9.09	26.25 1.94 0.01	24.19 1.85 0.00	28.91 1.84 -2.80

RAVENSWOOD_GT2_2 24245	29.36 1.66 0.00	30.36 1.93 0.00	27.06 1.39 0.00	27.24 1.35 0.00	28.00 1.38 0.00	30.49 1.81 0.00	39.66 2.39 0.00	45.68 3.11 0.00	38.88 2.78 0.00	34.17 2.47 0.00	33.72 2.56 0.00	32.16 2.41 0.00	33.19 2.57 0.00	34.69 2.63 0.00	36.10 2.83 0.00	42.46 3.39 -0.54	48.20 3.32 -6.72	55.55 3.70 -8.84	50.37 3.00 -13.32	45.72 2.34 -16.82	37.31 2.14 -9.09	26.25 1.94 0.01	24.19 1.85 0.00	28.91 1.84 -2.80
RAVENSWOOD_GT2_3 24246	29.36 1.66 0.00	30.39 1.96 0.00	27.09 1.41 0.00	27.24 1.35 0.00	28.02 1.41 0.00	30.52 1.84 0.00	39.70 2.42 0.00	45.68 3.11 0.00	38.91 2.82 0.00	34.17 2.47 0.00	33.72 2.56 0.00	32.16 2.41 0.00	33.22 2.60 0.00	34.69 2.63 0.00	36.13 2.86 0.00	42.49 3.43 -0.54	48.20 3.32 -6.72	55.59 3.74 -8.84	50.40 3.03 -13.32	45.72 2.34 -16.82	37.34 2.17 -9.09	26.28 1.97 0.01	24.19 1.85 0.00	28.91 1.84 -2.80
RAVENSWOOD_GT2_4 24247	29.36 1.66 0.00	30.39 1.96 0.00	27.09 1.41 0.00	27.24 1.35 0.00	28.02 1.41 0.00	30.52 1.84 0.00	39.70 2.42 0.00	45.68 3.11 0.00	38.91 2.82 0.00	34.17 2.47 0.00	33.72 2.56 0.00	32.16 2.41 0.00	33.22 2.60 0.00	34.69 2.63 0.00	36.13 2.86 0.00	42.49 3.43 -0.54	48.20 3.32 -6.72	55.59 3.74 -8.84	50.40 3.03 -13.32	45.72 2.34 -16.82	37.34 2.17 -9.09	26.28 1.97 0.01	24.19 1.85 0.00	28.91 1.84 -2.80
RAVENSWOOD_GT3_1 24248	29.36 1.66 0.00	30.36 1.93 0.00	27.06 1.39 0.00	27.24 1.35 0.00	28.00 1.38 0.00	30.49 1.81 0.00	39.66 2.39 0.00	45.68 3.11 0.00	38.88 2.78 0.00	34.17 2.47 0.00	33.72 2.56 0.00	32.16 2.41 0.00	33.22 2.60 0.00	34.69 2.63 0.00	36.10 2.83 0.00	42.46 3.39 -0.54	48.20 3.32 -6.72	55.55 3.70 -8.84	50.37 3.00 -13.32	45.72 2.34 -16.82	37.31 2.14 -9.09	26.25 1.94 0.01	24.19 1.85 0.00	28.91 1.84 -2.80
RAVENSWOOD_GT3_2 24249	29.36 1.66 0.00	30.36 1.93 0.00	27.06 1.39 0.00	27.24 1.35 0.00	28.00 1.38 0.00	30.49 1.81 0.00	39.66 2.39 0.00	45.68 3.11 0.00	38.88 2.78 0.00	34.17 2.47 0.00	33.72 2.56 0.00	32.16 2.41 0.00	33.22 2.60 0.00	34.69 2.63 0.00	36.10 2.83 0.00	42.46 3.39 -0.54	48.20 3.32 -6.72	55.55 3.70 -8.84	50.37 3.00 -13.32	45.72 2.34 -16.82	37.31 2.14 -9.09	26.25 1.94 0.01	24.19 1.85 0.00	28.91 1.84 -2.80
RAVENSWOOD_GT3_3 24250	29.39 1.69 0.00	30.42 1.99 0.00	27.11 1.44 0.00	27.27 1.37 0.00	28.05 1.44 0.00	30.55 1.86 0.00	39.74 2.46 0.00	45.77 3.19 0.00	38.95 2.85 0.00	34.24 2.54 0.00	33.78 2.62 0.00	32.21 2.47 0.00	33.25 2.63 0.00	34.75 2.69 0.00	36.17 2.89 0.00	42.53 3.47 -0.54	48.28 3.40 -6.72	55.64 3.79 -8.84	50.44 3.06 -13.32	45.77 2.39 -16.82	37.37 2.19 -9.09	26.30 1.99 0.01	24.21 1.88 0.00	28.94 1.87 -2.80
RAVENSWOOD_GT3_4 24251	29.39 1.69 0.00	30.42 1.99 0.00	27.11 1.44 0.00	27.27 1.37 0.00	28.05 1.44 0.00	30.55 1.86 0.00	39.74 2.46 0.00	45.77 3.19 0.00	38.95 2.85 0.00	34.24 2.54 0.00	33.78 2.62 0.00	32.21 2.47 0.00	33.25 2.63 0.00	34.75 2.69 0.00	36.17 2.89 0.00	42.53 3.47 -0.54	48.28 3.40 -6.72	55.64 3.79 -8.84	50.44 3.06 -13.32	45.77 2.39 -16.82	37.37 2.19 -9.09	26.30 1.99 0.01	24.21 1.88 0.00	28.94 1.87 -2.80
RAVENSWOOD_GT_1 23729	29.48 1.77 0.00	30.50 2.08 0.00	27.16 1.49 0.00	27.32 1.42 0.00	28.10 1.49 0.00	30.52 1.84 0.00	39.66 2.39 0.00	45.64 3.07 0.00	38.91 2.82 0.00	34.20 2.50 0.00	33.78 2.62 0.00	32.21 2.47 0.00	33.28 2.66 0.00	34.75 2.69 0.00	36.17 2.89 0.00	42.53 3.47 -0.54	48.16 3.28 -6.72	55.51 3.66 -8.84	50.37 3.00 -13.32	45.69 2.31 -16.82	37.31 2.14 -9.09	26.28 1.97 0.01	24.25 1.92 0.00	29.03 1.97 -2.80
RAVENSWOOD_GT_10 24258	29.36 1.66 0.00	30.36 1.93 0.00	27.06 1.39 0.00	27.24 1.35 0.00	28.00 1.38 0.00	30.49 1.81 0.00	39.66 2.39 0.00	45.68 3.11 0.00	38.88 2.78 0.00	34.17 2.47 0.00	33.72 2.56 0.00	32.16 2.41 0.00	33.22 2.60 0.00	34.69 2.63 0.00	36.10 2.83 0.00	42.46 3.39 -0.54	48.20 3.32 -6.72	55.55 3.70 -8.84	50.40 3.03 -13.32	45.72 2.34 -16.82	37.34 2.17 -9.09	26.25 1.94 0.01	24.19 1.85 0.00	28.91 1.84 -2.80
RAVENSWOOD_GT_11 24259	29.36 1.66 0.00	30.36 1.93 0.00	27.06 1.39 0.00	27.24 1.35 0.00	28.00 1.38 0.00	30.49 1.81 0.00	39.66 2.39 0.00	45.68 3.11 0.00	38.88 2.78 0.00	34.17 2.47 0.00	33.72 2.56 0.00	32.16 2.41 0.00	33.22 2.60 0.00	34.69 2.63 0.00	36.10 2.83 0.00	42.46 3.39 -0.54	48.20 3.32 -6.72	55.55 3.70 -8.84	50.40 3.03 -13.32	45.72 2.34 -16.82	37.34 2.17 -9.09	26.25 1.94 0.01	24.19 1.85 0.00	28.91 1.84 -2.80
RAVENSWOOD_GT_4 24252	29.34 1.63 0.00	30.36 1.93 0.00	27.06 1.39 0.00	27.24 1.35 0.00	28.00 1.38 0.00	30.49 1.81 0.00	39.70 2.42 0.00	45.72 3.15 0.00	38.91 2.82 0.00	34.17 2.47 0.00	33.72 2.56 0.00	32.16 2.41 0.00	33.22 2.60 0.00	34.69 2.63 0.00	36.10 2.83 0.00	42.49 3.43 -0.54	48.20 3.32 -6.72	55.59 3.74 -8.84	50.40 3.03 -13.32	45.74 2.36 -16.82	37.34 2.17 -9.09	26.28 1.97 0.01	24.19 1.85 0.00	28.89 1.82 -2.80
RAVENSWOOD_GT_5 24254	29.34 1.63 0.00	30.36 1.93 0.00	27.06 1.39 0.00	27.24 1.35 0.00	28.00 1.38 0.00	30.49 1.81 0.00	39.70 2.42 0.00	45.72 3.15 0.00	38.91 2.82 0.00	34.17 2.47 0.00	33.72 2.56 0.00	32.16 2.41 0.00	33.22 2.60 0.00	34.69 2.63 0.00	36.10 2.83 0.00	42.49 3.43 -0.54	48.20 3.32 -6.72	55.59 3.74 -8.84	50.40 3.03 -13.32	45.74 2.36 -16.82	37.34 2.17 -9.09	26.28 1.97 0.01	24.19 1.85 0.00	28.89 1.82 -2.80
RAVENSWOOD_GT_6 24253	29.34 1.63 0.00	30.36 1.93 0.00	27.06 1.39 0.00	27.24 1.35 0.00	28.00 1.38 0.00	30.49 1.81 0.00	39.70 2.42 0.00	45.72 3.15 0.00	38.91 2.82 0.00	34.17 2.47 0.00	33.72 2.56 0.00	32.16 2.41 0.00	33.22 2.60 0.00	34.69 2.63 0.00	36.10 2.83 0.00	42.49 3.43 -0.54	48.20 3.32 -6.72	55.59 3.74 -8.84	50.40 3.03 -13.32	45.74 2.36 -16.82	37.34 2.17 -9.09	26.28 1.97 0.01	24.19 1.85 0.00	28.89 1.82 -2.80
RAVENSWOOD_GT_7 24255	29.34 1.63 0.00	30.36 1.93 0.00	27.06 1.39 0.00	27.24 1.35 0.00	28.00 1.38 0.00	30.49 1.81 0.00	39.70 2.42 0.00	45.72 3.15 0.00	38.91 2.82 0.00	34.17 2.47 0.00	33.72 2.56 0.00	32.16 2.41 0.00	33.22 2.60 0.00	34.69 2.63 0.00	36.10 2.83 0.00	42.49 3.43 -0.54	48.20 3.32 -6.72	55.59 3.74 -8.84	50.40 3.03 -13.32	45.74 2.36 -16.82	37.34 2.17 -9.09	26.28 1.97 0.01	24.19 1.85 0.00	28.89 1.82 -2.80
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	29.36 1.66 0.00	30.36 1.93 0.00	27.06 1.39 0.00	27.24 1.35 0.00	28.00 1.38 0.00	30.49 1.81 0.00	39.66 2.39 0.00	45.68 3.11 0.00	38.88 2.78 0.00	34.17 2.47 0.00	33.72 2.56 0.00	32.16 2.41 0.00	33.22 2.60 0.00	34.69 2.63 0.00	36.10 2.83 0.00	42.46 3.39 -0.54	48.20 3.32 -6.72	55.55 3.70 -8.84	50.40 3.03 -13.32	45.72 2.34 -16.82	37.34 2.17 -9.09	26.25 1.94 0.01	24.19 1.85 0.00	28.91 1.84 -2.80

RAVENSWOOD_GT_9 24257	29.36 1.66 0.00	30.36 1.93 0.00	27.06 1.39 0.00	27.24 1.35 0.00	28.00 1.38 0.00	30.49 1.81 0.00	39.66 2.39 0.00	45.68 3.11 0.00	38.88 2.78 0.00	34.17 2.47 0.00	33.72 2.56 0.00	32.16 2.41 0.00	33.22 2.60 0.00	34.69 2.63 0.00	36.10 2.83 0.00	42.46 3.39 -0.54	48.20 3.32 -6.72	55.55 3.70 -8.84	50.40 3.03 -13.32	45.72 2.34 -16.82	37.34 2.17 -9.09	26.25 1.94 0.01	24.19 1.85 0.00	28.91 1.84 -2.80
RAVENSWOOD___1 23533	29.48 1.77 0.00	30.48 2.05 -0.01	27.16 1.49 0.00	27.32 1.42 0.00	28.10 1.49 0.00	30.52 1.84 0.00	39.70 2.42 0.00	45.60 3.02 0.00	38.95 2.85 0.00	34.20 2.50 0.00	33.75 2.58 0.00	32.19 2.44 0.00	33.25 2.63 0.00	34.81 2.76 0.00	36.13 2.86 0.00	42.53 3.47 -0.54	48.16 3.28 -6.72	55.46 3.61 -8.84	50.33 2.96 -13.32	45.66 2.28 -16.82	37.29 2.11 -9.09	34.15 2.02 -7.82	29.01 1.85 -4.83	28.98 1.92 -2.80
RAVENSWOOD___2 23534	29.45 1.75 0.00	30.48 2.05 -0.01	27.14 1.46 0.00	27.29 1.40 0.00	28.10 1.49 0.00	30.52 1.84 0.00	39.67 2.39 0.00	45.60 3.02 0.00	38.95 2.85 0.00	34.20 2.50 0.00	33.75 2.58 0.00	32.19 2.44 0.00	33.25 2.63 0.00	34.78 2.72 0.00	36.10 2.83 0.00	42.49 3.43 -0.54	48.16 3.28 -6.72	55.46 3.61 -8.84	50.33 2.96 -13.32	45.66 2.28 -16.82	37.29 2.11 -9.09	34.15 2.02 -7.82	29.01 1.85 -4.83	28.98 1.92 -2.80
RAVENSWOOD___3 23535	29.36 1.66 0.00	30.37 1.93 -0.01	27.06 1.39 0.00	27.24 1.35 0.00	28.02 1.41 0.00	30.49 1.81 0.00	39.70 2.42 0.00	45.68 3.11 0.00	38.95 2.85 0.00	34.20 2.50 0.00	33.72 2.56 0.00	32.15 2.41 0.00	33.22 2.60 0.00	34.75 2.69 0.00	36.10 2.83 0.00	42.49 3.43 -0.54	48.20 3.32 -6.72	55.55 3.70 -8.84	50.37 3.00 -13.32	45.72 2.34 -16.82	37.31 2.14 -9.09	34.15 2.02 -7.82	28.97 1.81 -4.83	28.91 1.84 -2.80
RAVENSWOOD___4 23820	29.45 1.75 0.00	30.45 2.02 -0.01	27.14 1.46 0.00	27.29 1.40 0.00	28.10 1.49 0.00	30.49 1.81 0.00	39.67 2.39 0.00	45.60 3.02 0.00	38.95 2.85 0.00	34.20 2.50 0.00	33.72 2.56 0.00	32.19 2.44 0.00	33.22 2.60 0.00	34.78 2.72 0.00	36.10 2.83 0.00	42.49 3.43 -0.54	48.12 3.24 -6.72	55.46 3.61 -8.84	50.33 2.96 -13.32	45.63 2.26 -16.82	37.26 2.09 -9.09	34.15 2.02 -7.82	28.99 1.83 -4.83	28.98 1.92 -2.80
RCPI_TRUST___DRP 24196	29.34 1.63 0.00	30.36 1.93 0.00	27.06 1.39 0.00	27.24 1.35 0.00	28.00 1.38 0.00	30.49 1.81 0.00	39.70 2.42 0.00	45.72 3.15 0.00	38.91 2.82 0.00	34.20 2.50 0.00	33.75 2.59 0.00	32.19 2.44 0.00	33.25 2.63 0.00	34.72 2.66 0.00	36.13 2.86 0.00	42.49 3.43 -0.54	48.28 3.40 -6.72	55.63 3.79 -8.83	50.43 3.06 -13.32	45.74 2.36 -16.81	37.34 2.17 -9.09	26.28 1.97 0.01	24.16 1.83 0.00	28.89 1.82 -2.80
RED___ROCHESTER 323720	26.76 -0.94 0.00	27.15 -1.28 0.00	24.80 -0.87 0.00	25.07 -0.83 0.00	25.74 -0.88 0.00	27.88 -0.80 0.00	35.97 -1.31 0.00	40.96 -1.62 0.00	34.58 -1.51 0.00	30.88 -0.82 0.00	30.45 -0.72 0.00	29.27 -0.48 0.00	29.95 -0.67 0.00	31.16 -0.90 0.00	32.11 -1.17 0.00	36.82 -1.77 -0.07	37.50 -1.49 -0.82	42.46 -1.63 -1.08	34.70 -0.99 -1.63	27.92 -0.66 -2.02	26.48 -0.70 -1.09	24.20 -1.07 -0.96	22.09 -0.83 -0.58	24.02 -0.58 -0.34
REGAN___SOLAR 323812	29.53 1.83 0.00	30.33 1.90 0.00	27.29 1.62 0.00	27.53 1.63 0.00	28.37 1.76 0.00	30.81 2.12 0.00	40.22 2.94 0.00	45.85 3.28 0.00	38.70 2.60 0.00	33.76 2.06 0.00	33.13 1.96 0.00	31.38 1.63 0.00	32.24 1.62 0.00	33.88 1.83 0.00	35.27 2.00 0.00	41.93 2.74 -0.67	49.28 2.78 -8.33	57.41 3.44 -10.96	53.33 2.76 -16.52	49.54 2.13 -20.85	39.36 2.01 -11.27	35.72 1.70 -9.70	29.81 1.50 -5.98	29.17 1.43 -3.47
RENSSELAER___COGEN 23796	28.09 0.39 0.00	28.88 0.45 0.00	26.01 0.33 0.00	26.21 0.31 0.00	26.93 0.32 0.00	29.11 0.43 0.00	37.95 0.67 0.00	43.38 0.81 0.00	36.86 0.76 0.00	32.18 0.48 0.00	31.60 0.44 0.00	30.13 0.39 0.00	31.05 0.43 0.00	32.54 0.48 0.00	33.90 0.63 0.00	40.02 0.89 -0.61	46.66 0.88 -7.62	54.07 1.03 -10.02	49.95 0.78 -15.11	46.24 0.61 -19.06	37.01 0.63 -10.30	33.72 0.53 -8.88	28.30 0.49 -5.47	27.85 0.41 -3.17
REPUBLIC_115KV_BARTNBRK 55605	30.97 3.27 0.00	31.81 3.38 0.00	28.58 2.90 0.00	28.80 2.90 0.00	29.70 3.09 0.00	32.33 3.64 0.00	42.20 4.92 0.00	48.15 5.58 0.00	40.68 4.58 0.00	35.41 3.71 0.00	35.02 3.86 0.00	33.17 3.42 0.00	33.96 3.34 0.00	35.49 3.43 0.00	36.96 3.69 0.00	43.74 4.58 -0.63	50.52 4.54 -7.82	59.02 5.72 -10.28	54.08 4.53 -15.50	49.60 3.48 -19.56	40.02 3.37 -10.57	27.13 2.82 0.00	24.77 2.43 0.00	29.93 2.40 -3.26
REVERE_CPPR_DRP 24186	28.67 0.97 0.00	29.39 0.97 0.00	26.55 0.87 0.00	26.85 0.96 0.00	27.68 1.06 0.00	29.89 1.20 0.00	38.99 1.71 0.00	44.66 2.09 0.00	37.76 1.66 0.00	33.13 1.43 0.00	32.50 1.34 0.00	31.03 1.28 0.00	31.91 1.29 0.00	33.50 1.44 0.00	34.60 1.33 0.00	40.09 1.54 -0.03	39.98 1.45 -0.36	45.34 1.85 -0.48	36.00 1.23 -0.72	28.40 0.93 -0.91	27.41 0.83 -0.49	25.09 0.78 0.00	22.94 0.60 0.00	25.05 0.63 -0.15
REYNOLDS_115KV_TB3 80639	28.34 0.64 0.00	29.14 0.71 0.00	26.27 0.59 0.00	26.44 0.54 0.00	27.17 0.56 0.00	29.40 0.72 0.00	38.28 1.01 0.00	43.81 1.23 0.00	37.18 1.08 0.00	32.46 0.76 0.00	31.88 0.72 0.00	30.40 0.65 0.00	31.33 0.70 0.00	32.79 0.74 0.00	34.24 0.96 0.00	40.41 1.27 -0.62	47.06 1.26 -7.63	54.52 1.46 -10.04	50.27 1.09 -15.13	46.50 0.85 -19.09	37.29 0.89 -10.32	25.04 0.73 0.00	23.00 0.67 0.00	28.10 0.66 -3.18
RIVERBAY____ 323610	29.70 1.99 0.00	30.70 2.27 0.00	27.40 1.72 0.00	27.53 1.63 0.00	28.29 1.68 0.00	30.60 1.92 0.00	39.63 2.35 0.00	45.55 2.98 0.00	38.88 2.78 0.00	34.14 2.44 0.00	33.72 2.56 0.00	32.16 2.41 0.00	33.22 2.60 0.00	34.69 2.63 0.00	36.07 2.79 0.00	42.46 3.39 -0.54	48.09 3.21 -6.72	55.38 3.53 -8.84	50.27 2.89 -13.32	45.64 2.26 -16.82	37.24 2.06 -9.09	26.23 1.92 0.01	24.32 1.99 0.00	29.25 2.18 -2.80
RIVERSDE_115KV_TB3 55908	28.23 0.53 0.00	29.02 0.60 0.00	26.14 0.46 0.00	26.34 0.44 0.00	27.07 0.45 0.00	29.29 0.60 0.00	38.14 0.86 0.00	43.64 1.06 0.00	37.04 0.94 0.00	32.33 0.63 0.00	31.78 0.62 0.00	30.31 0.57 0.00	31.23 0.61 0.00	32.70 0.64 0.00	34.10 0.83 0.00	40.26 1.12 -0.62	46.92 1.11 -7.64	54.36 1.29 -10.06	50.20 0.99 -15.16	46.43 0.74 -19.12	37.18 0.76 -10.33	24.94 0.63 0.00	22.91 0.58 0.00	27.99 0.53 -3.18
ROARING___BROOK_WT_PWR 323790	27.67 -0.03 0.00	28.51 0.09 0.00	25.70 0.03 0.00	26.00 0.10 0.00	26.77 0.16 0.00	28.89 0.20 0.00	37.54 0.26 0.00	42.62 0.04 0.00	36.03 -0.07 0.00	31.76 0.06 0.00	31.22 0.06 0.00	29.72 -0.03 0.00	30.62 0.00 0.00	32.09 0.03 0.00	33.24 -0.03 0.00	38.37 -0.15 0.00	37.71 -0.46 0.00	42.15 -0.86 0.00	33.03 -1.02 0.00	25.74 -0.82 0.00	25.23 -0.86 0.00	23.46 -0.85 0.00	21.48 -0.85 0.00	23.30 -0.97 0.00

ROCHESRG_115KV_T4 355643	26.54 -1.16 0.00	26.95 -1.48 0.00	24.60 -1.08 0.00	24.86 -1.04 0.00	25.63 -0.98 0.00	27.65 -1.03 0.00	35.68 -1.60 0.00	40.53 -2.04 0.00	34.40 -1.70 0.00	30.56 -1.14 0.00	30.16 -1.00 0.00	28.94 -0.80 0.00	29.61 -1.01 0.00	30.97 -1.09 0.00	31.74 -1.53 0.00	36.55 -2.04 -0.07	37.12 -1.87 -0.82	42.03 -2.06 -1.08	34.36 -1.33 -1.63	27.61 -0.96 -2.01	26.28 -0.89 -1.08	23.39 -0.95 -0.02	21.51 -0.83 0.00	23.87 -0.73 -0.33
ROCHESTER_9_IC 23652	26.65 -1.05 0.00	27.06 -1.36 0.00	24.70 -0.98 0.00	24.96 -0.93 0.00	25.74 -0.88 0.00	27.79 -0.89 0.00	35.86 -1.42 0.00	40.79 -1.79 0.00	34.62 -1.48 0.00	30.75 -0.95 0.00	30.32 -0.84 0.00	29.12 -0.62 0.00	29.79 -0.83 0.00	31.16 -0.90 0.00	31.94 -1.33 0.00	36.74 -1.85 -0.07	37.31 -1.68 -0.82	42.25 -1.85 -1.08	34.53 -1.16 -1.63	27.79 -0.80 -2.02	26.40 -0.78 -1.09	23.50 -0.83 -0.02	21.60 -0.74 0.00	23.97 -0.63 -0.34
ROCKVIEW_13_KV_LD 356306	29.28 1.58 0.00	30.24 1.82 0.00	27.01 1.34 0.00	27.19 1.29 0.00	27.97 1.36 0.00	30.49 1.81 0.00	39.66 2.39 0.00	45.64 3.07 0.00	38.84 2.74 0.00	34.11 2.41 0.00	33.62 2.46 0.00	32.07 2.32 0.00	33.13 2.51 0.00	34.59 2.53 0.00	36.03 2.76 0.00	42.42 3.35 -0.54	48.20 3.32 -6.72	55.55 3.70 -8.83	50.37 3.00 -13.32	45.69 2.31 -16.81	37.31 2.14 -9.09	26.23 1.92 0.01	24.14 1.81 0.00	28.84 1.77 -2.80
ROME____115KV_TB2 80656	28.67 0.97 0.00	29.39 0.97 0.00	26.55 0.87 0.00	26.85 0.96 0.00	27.68 1.06 0.00	29.89 1.20 0.00	38.99 1.71 0.00	44.66 2.09 0.00	37.76 1.66 0.00	33.13 1.43 0.00	32.50 1.34 0.00	31.03 1.28 0.00	31.91 1.29 0.00	33.50 1.44 0.00	34.60 1.33 0.00	40.09 1.54 -0.03	39.98 1.45 -0.36	45.34 1.85 -0.48	36.00 1.23 -0.72	28.40 0.93 -0.91	27.41 0.83 -0.49	25.09 0.78 0.00	22.94 0.60 0.00	25.05 0.63 -0.15
ROSETON___1 23587	28.98 1.28 0.00	29.87 1.45 0.00	26.75 1.08 0.00	26.96 1.06 0.00	27.73 1.12 0.00	30.15 1.46 0.00	39.25 1.97 0.00	45.09 2.51 0.00	38.37 2.28 0.00	33.60 1.90 0.00	33.09 1.93 0.00	31.56 1.81 0.00	32.58 1.96 0.00	34.11 2.05 0.00	35.47 2.20 0.00	41.80 2.74 -0.54	47.56 2.71 -6.68	54.82 3.01 -8.79	49.76 2.45 -13.26	45.18 1.89 -16.74	36.91 1.77 -9.04	33.73 1.63 -7.79	28.59 1.45 -4.80	28.49 1.43 -2.79
ROSETON___2 23588	28.98 1.28 0.00	29.87 1.45 0.00	26.75 1.08 0.00	26.96 1.06 0.00	27.73 1.12 0.00	30.15 1.46 0.00	39.25 1.97 0.00	45.09 2.51 0.00	38.37 2.28 0.00	33.60 1.90 0.00	33.09 1.93 0.00	31.56 1.81 0.00	32.58 1.96 0.00	34.11 2.05 0.00	35.47 2.20 0.00	41.80 2.74 -0.54	47.56 2.71 -6.68	54.82 3.01 -8.79	49.76 2.45 -13.26	45.18 1.89 -16.74	36.91 1.77 -9.04	33.73 1.63 -7.79	28.59 1.45 -4.80	28.49 1.43 -2.79
ROTRDAM_115KV_TB3 80664	28.53 0.83 0.00	29.31 0.88 0.00	26.42 0.74 0.00	26.65 0.75 0.00	27.36 0.75 0.00	29.60 0.92 0.00	38.55 1.27 0.00	44.06 1.49 0.00	37.36 1.26 0.00	32.68 0.98 0.00	32.13 0.97 0.00	30.61 0.86 0.00	31.51 0.89 0.00	32.99 0.93 0.00	34.34 1.06 0.00	40.55 1.39 -0.64	47.43 1.37 -7.89	55.02 1.63 -10.37	50.98 1.29 -15.64	47.30 1.01 -19.73	37.71 0.97 -10.66	25.14 0.83 0.00	23.09 0.76 0.00	28.31 0.75 -3.29
RUSSELL___1 23602	26.76 -0.94 0.00	27.15 -1.28 0.00	24.80 -0.87 0.00	25.07 -0.83 0.00	25.82 -0.80 0.00	27.88 -0.80 0.00	36.01 -1.27 0.00	40.96 -1.62 0.00	34.76 -1.34 0.00	30.91 -0.79 0.00	30.48 -0.69 0.00	29.27 -0.48 0.00	29.95 -0.67 0.00	31.32 -0.74 0.00	32.11 -1.16 0.00	36.93 -1.66 -0.07	37.50 -1.49 -0.82	42.46 -1.63 -1.08	34.70 -0.99 -1.63	27.90 -0.69 -2.02	26.50 -0.68 -1.09	23.60 -0.73 -0.02	21.69 -0.65 0.00	24.05 -0.56 -0.34
RUSSELL___2 23532	26.76 -0.94 0.00	27.15 -1.28 0.00	24.80 -0.87 0.00	25.07 -0.83 0.00	25.82 -0.80 0.00	27.88 -0.80 0.00	36.01 -1.27 0.00	40.96 -1.62 0.00	34.76 -1.34 0.00	30.91 -0.79 0.00	30.48 -0.69 0.00	29.27 -0.48 0.00	29.95 -0.67 0.00	31.32 -0.74 0.00	32.11 -1.16 0.00	36.93 -1.66 -0.07	37.50 -1.49 -0.82	42.46 -1.63 -1.08	34.70 -0.99 -1.63	27.90 -0.69 -2.02	26.50 -0.68 -1.09	23.60 -0.73 -0.02	21.69 -0.65 0.00	24.05 -0.56 -0.34
RUSSELL___3 23549	26.76 -0.94 0.00	27.15 -1.28 0.00	24.80 -0.87 0.00	25.07 -0.83 0.00	25.82 -0.80 0.00	27.88 -0.80 0.00	36.01 -1.27 0.00	40.96 -1.62 0.00	34.76 -1.34 0.00	30.91 -0.79 0.00	30.48 -0.69 0.00	29.27 -0.48 0.00	29.95 -0.67 0.00	31.32 -0.74 0.00	32.11 -1.16 0.00	36.93 -1.66 -0.07	37.50 -1.49 -0.82	42.46 -1.63 -1.08	34.70 -0.99 -1.63	27.90 -0.69 -2.02	26.50 -0.68 -1.09	23.60 -0.73 -0.02	21.69 -0.65 0.00	24.05 -0.56 -0.34
RUSSELL___4 23556	26.76 -0.94 0.00	27.15 -1.28 0.00	24.80 -0.87 0.00	25.07 -0.83 0.00	25.82 -0.80 0.00	27.88 -0.80 0.00	36.01 -1.27 0.00	40.96 -1.62 0.00	34.76 -1.34 0.00	30.91 -0.79 0.00	30.48 -0.69 0.00	29.27 -0.48 0.00	29.95 -0.67 0.00	31.32 -0.74 0.00	32.11 -1.16 0.00	36.93 -1.66 -0.07	37.50 -1.49 -0.82	42.46 -1.63 -1.08	34.70 -0.99 -1.63	27.90 -0.69 -2.02	26.50 -0.68 -1.09	23.60 -0.73 -0.02	21.69 -0.65 0.00	24.05 -0.56 -0.34
RUSSELL__STATION 23914	26.76 -0.94 0.00	27.15 -1.28 0.00	24.80 -0.87 0.00	25.07 -0.83 0.00	25.82 -0.80 0.00	27.88 -0.80 0.00	36.01 -1.27 0.00	40.96 -1.62 0.00	34.76 -1.34 0.00	30.91 -0.79 0.00	30.48 -0.69 0.00	29.27 -0.48 0.00	29.95 -0.67 0.00	31.32 -0.74 0.00	32.11 -1.16 0.00	36.93 -1.66 -0.07	37.50 -1.49 -0.82	42.46 -1.63 -1.08	34.70 -0.99 -1.63	27.90 -0.69 -2.02	26.50 -0.68 -1.09	23.60 -0.73 -0.02	21.69 -0.65 0.00	24.05 -0.56 -0.34
S SALMON__HYD 24043	27.70 0.00 0.00	28.37 -0.06 0.00	25.65 -0.03 0.00	25.92 0.03 0.00	26.69 0.08 0.00	28.74 0.06 0.00	37.39 0.11 0.00	42.79 0.21 0.00	36.10 0.00 0.00	31.83 0.13 0.00	31.25 0.09 0.00	29.81 0.06 0.00	30.62 0.00 0.00	32.06 0.00 0.00	33.17 -0.10 0.00	38.41 -0.15 -0.04	38.36 -0.31 -0.50	43.50 -0.17 -0.66	34.85 -0.20 -1.00	27.66 -0.16 -1.26	26.61 -0.16 -0.68	24.80 -0.10 -0.59	22.54 -0.16 -0.36	24.33 -0.14 -0.21
S.PERRY__115KV_TB1 80734	27.59 -0.11 0.00	27.94 -0.48 0.00	25.57 -0.10 0.00	25.84 -0.05 0.00	26.67 0.05 0.00	28.97 0.29 0.00	37.61 0.34 0.00	42.79 0.21 0.00	36.06 -0.04 0.00	31.89 0.19 0.00	31.32 0.16 0.00	29.98 0.24 0.00	30.62 0.00 0.00	32.09 0.03 0.00	32.87 -0.40 0.00	37.61 -1.00 -0.09	38.66 -0.61 -1.11	44.00 -0.47 -1.45	36.18 -0.07 -2.19	29.38 -0.08 -2.89	27.47 -0.18 -1.56	23.86 -0.39 0.06	21.91 -0.42 0.00	24.36 -0.39 -0.48
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	26.21 -1.50 0.00	26.44 -1.99 0.00	24.37 -1.31 0.00	24.65 -1.24 0.00	25.42 -1.20 0.00	27.54 -1.15 0.00	35.30 -1.98 0.00	39.76 -2.81 0.00	33.75 -2.35 0.00	30.21 -1.49 0.00	29.88 -1.28 0.00	28.76 -0.98 0.00	29.30 -1.32 0.00	30.68 -1.38 0.00	31.21 -2.06 0.00	35.24 -3.35 -0.07	35.78 -3.21 -0.82	40.48 -3.61 -1.08	33.09 -2.59 -1.63	27.21 -1.91 -2.56	25.69 -1.77 -1.38	22.18 -1.90 0.23	20.68 -1.65 0.00	23.16 -1.53 -0.43

SAWYER___23_KV_LOAD 55526	26.21 -1.50 0.00	26.44 -1.99 0.00	24.37 -1.31 0.00	24.65 -1.24 0.00	25.42 -1.20 0.00	27.54 -1.15 0.00	35.30 -1.98 0.00	39.76 -2.81 0.00	33.75 -2.35 0.00	30.21 -1.49 0.00	29.88 -1.28 0.00	28.76 -0.98 0.00	29.30 -1.32 0.00	30.68 -1.38 0.00	31.21 -2.06 0.00	35.24 -3.35 -0.07	35.78 -3.21 -0.82	40.48 -3.61 -1.08	33.09 -2.59 -1.63	27.21 -1.91 -2.56	25.69 -1.77 -1.38	22.18 -1.90 0.23	20.68 -1.65 0.00	23.16 -1.53 -0.43
SELKIRK___I 23801	28.34 0.64 0.00	29.14 0.71 0.00	26.27 0.59 0.00	26.46 0.57 0.00	27.20 0.58 0.00	29.37 0.69 0.00	38.21 0.93 0.00	43.64 1.06 0.00	37.00 0.90 0.00	32.27 0.57 0.00	31.69 0.53 0.00	30.22 0.47 0.00	31.11 0.49 0.00	32.63 0.58 0.00	34.00 0.73 0.00	40.17 1.04 -0.61	46.73 1.03 -7.54	54.13 1.20 -9.92	49.95 0.95 -14.95	46.17 0.74 -18.86	37.04 0.76 -10.19	33.75 0.66 -8.78	28.35 0.60 -5.41	27.97 0.56 -3.14
SELKIRK___II 23799	28.20 0.50 0.00	28.96 0.54 0.00	26.11 0.44 0.00	26.31 0.41 0.00	27.04 0.42 0.00	29.23 0.54 0.00	38.06 0.78 0.00	43.47 0.90 0.00	36.93 0.83 0.00	32.27 0.57 0.00	31.69 0.53 0.00	30.22 0.47 0.00	31.17 0.55 0.00	32.66 0.61 0.00	34.00 0.73 0.00	40.14 1.00 -0.61	46.71 0.95 -7.59	54.12 1.12 -9.99	49.99 0.88 -15.05	46.24 0.69 -18.99	37.03 0.68 -10.26	33.74 0.58 -8.84	28.34 0.56 -5.45	27.91 0.49 -3.16
SENECA OSWGO___HYD 24041	27.23 -0.47 0.00	27.86 -0.57 0.00	25.24 -0.44 0.00	25.46 -0.44 0.00	26.16 -0.45 0.00	28.11 -0.57 0.00	36.49 -0.78 0.00	41.68 -0.90 0.00	35.30 -0.79 0.00	31.10 -0.60 0.00	30.60 -0.56 0.00	29.24 -0.51 0.00	30.04 -0.58 0.00	31.42 -0.64 0.00	32.57 -0.70 0.00	37.64 -0.92 -0.05	37.90 -0.84 -0.57	42.86 -0.91 -0.75	34.54 -0.65 -1.14	27.49 -0.51 -1.44	26.37 -0.50 -0.78	24.57 -0.41 -0.67	22.37 -0.38 -0.41	24.14 -0.36 -0.24
SENECA___115KV_TB3 355854	26.65 -1.05 0.00	26.86 -1.56 0.00	24.75 -0.92 0.00	25.07 -0.83 0.00	25.84 -0.77 0.00	28.02 -0.66 0.00	36.01 -1.27 0.00	40.62 -1.96 0.00	34.44 -1.66 0.00	30.81 -0.89 0.00	30.48 -0.69 0.00	29.33 -0.42 0.00	29.89 -0.73 0.00	31.29 -0.77 0.00	31.84 -1.43 0.00	35.71 -2.89 -0.08	36.30 -2.75 -0.88	41.03 -3.14 -1.15	33.44 -2.35 -1.74	27.41 -1.81 -2.65	25.80 -1.72 -1.43	22.25 -1.85 0.21	20.70 -1.63 0.00	23.18 -1.53 -0.44
SENECA___ENERGY 23797	27.34 -0.36 0.00	27.88 -0.54 0.00	25.34 -0.33 0.00	25.59 -0.31 0.00	26.32 -0.29 0.00	28.45 -0.23 0.00	36.98 -0.30 0.00	42.11 -0.47 0.00	35.67 -0.43 0.00	31.51 -0.19 0.00	31.01 -0.16 0.00	29.66 -0.09 0.00	30.41 -0.21 0.00	31.77 -0.29 0.00	32.87 -0.40 0.00	37.86 -0.73 -0.07	38.40 -0.65 -0.89	43.54 -0.64 -1.16	35.47 -0.34 -1.76	28.49 -0.29 -2.21	26.94 -0.34 -1.20	24.88 -0.46 -1.03	22.52 -0.45 -0.64	24.25 -0.39 -0.37
SHOEMAKER___GT 23640	28.92 1.22 0.00	29.79 1.36 0.00	26.73 1.05 0.00	26.90 1.01 0.00	27.68 1.07 0.00	30.12 1.43 0.00	39.18 1.90 0.00	44.87 2.30 0.00	38.16 2.06 0.00	33.41 1.71 0.00	32.87 1.71 0.00	31.35 1.61 0.00	32.37 1.74 0.00	33.88 1.83 0.00	35.23 1.96 0.00	41.50 2.47 -0.51	47.01 2.48 -6.37	54.15 2.76 -8.38	48.93 2.25 -12.63	44.23 1.73 -15.95	36.35 1.64 -8.62	33.21 1.48 -7.42	28.23 1.32 -4.58	28.21 1.29 -2.66
SHOEMAKR_138KV_BK 111 55601	28.89 1.19 0.00	29.76 1.34 0.00	26.73 1.05 0.00	26.91 1.01 0.00	27.65 1.04 0.00	30.09 1.41 0.00	39.14 1.86 0.00	44.87 2.30 0.00	38.12 2.02 0.00	33.41 1.71 0.00	32.91 1.75 0.00	31.38 1.64 0.00	32.40 1.78 0.00	33.85 1.80 0.00	35.27 2.00 0.00	41.46 2.43 -0.51	46.98 2.48 -6.34	54.15 2.80 -8.34	48.87 2.25 -12.56	44.18 1.75 -15.87	36.31 1.64 -8.58	33.21 1.43 0.01	28.23 1.36 0.00	28.22 1.31 -2.64
SHOREHAM_IC_1 23715	33.95 2.38 -3.87	31.14 2.70 -0.01	28.01 2.31 -0.02	28.33 2.28 -0.16	29.45 2.40 -0.44	31.52 2.81 -0.02	40.34 3.06 0.00	46.49 3.91 0.00	39.13 3.03 0.00	34.88 3.17 -0.02	36.40 3.21 -2.03	36.93 3.00 -4.18	35.64 3.18 -1.84	36.89 3.33 -1.50	36.99 3.56 -0.16	43.07 4.01 -0.54	49.54 4.65 -6.72	62.01 4.94 -14.05	53.68 3.98 -15.64	49.81 3.32 -19.93	38.95 3.16 -9.71	37.80 2.89 -10.59	34.38 2.52 -9.52	32.88 2.43 -6.19
SHOREHAM_IC_2 23716	33.95 2.38 -3.87	31.14 2.70 -0.01	28.01 2.31 -0.02	28.33 2.28 -0.16	29.45 2.40 -0.44	31.52 2.81 -0.02	40.34 3.06 0.00	46.49 3.91 0.00	39.13 3.03 0.00	34.88 3.17 -0.02	36.40 3.21 -2.03	36.93 3.00 -4.18	35.64 3.18 -1.84	36.89 3.33 -1.50	36.99 3.56 -0.16	43.07 4.01 -0.54	49.54 4.65 -6.72	62.01 4.94 -14.05	53.68 3.98 -15.64	49.81 3.32 -19.93	38.95 3.16 -9.71	37.80 2.89 -10.59	34.38 2.52 -9.52	32.88 2.43 -6.19
SISSONVILLE____ 23735	28.15 0.44 0.00	29.14 0.71 0.00	26.21 0.54 0.00	26.67 0.78 0.00	27.57 0.96 0.00	29.80 1.12 0.00	38.81 1.53 0.00	43.60 1.02 0.00	36.75 0.65 0.00	32.62 0.92 0.00	31.82 0.65 0.00	30.28 0.54 0.00	31.26 0.64 0.00	32.73 0.67 0.00	33.84 0.57 0.00	38.88 0.35 -0.01	38.11 -0.23 -0.18	42.52 -0.73 -0.23	33.11 -1.29 -0.35	26.11 -0.90 -0.45	25.44 -0.89 -0.24	23.39 -0.92 0.00	21.35 -0.98 0.00	23.13 -1.21 -0.07
SITHE_IND_GS1 24169	26.90 -0.80 0.00	27.54 -0.88 0.00	24.93 -0.75 0.00	25.14 -0.75 0.00	25.84 -0.77 0.00	27.71 -0.98 0.00	35.94 -1.34 0.00	41.04 -1.53 0.00	34.76 -1.33 0.00	30.59 -1.11 0.00	30.10 -1.06 0.00	28.77 -0.98 0.00	29.58 -1.04 0.00	30.93 -1.12 0.00	32.07 -1.20 0.00	37.06 -1.50 -0.03	37.19 -1.41 -0.43	41.99 -1.59 -0.57	33.69 -1.22 -0.86	26.71 -0.93 -1.08	25.78 -0.89 -0.58	24.06 -0.75 -0.50	21.97 -0.67 -0.31	23.82 -0.63 -0.18
SITHE_IND_GS2 24170	26.90 -0.80 0.00	27.54 -0.88 0.00	24.93 -0.75 0.00	25.14 -0.75 0.00	25.84 -0.77 0.00	27.71 -0.98 0.00	35.94 -1.34 0.00	41.04 -1.53 0.00	34.76 -1.33 0.00	30.59 -1.11 0.00	30.10 -1.06 0.00	28.77 -0.98 0.00	29.58 -1.04 0.00	30.93 -1.12 0.00	32.07 -1.20 0.00	37.06 -1.50 -0.03	37.19 -1.41 -0.43	41.99 -1.59 -0.57	33.69 -1.22 -0.86	26.71 -0.93 -1.08	25.78 -0.89 -0.58	24.06 -0.75 -0.50	21.97 -0.67 -0.31	23.82 -0.63 -0.18
SITHE_IND_GS3 24171	26.90 -0.80 0.00	27.54 -0.88 0.00	24.93 -0.75 0.00	25.14 -0.75 0.00	25.84 -0.77 0.00	27.71 -0.98 0.00	35.94 -1.34 0.00	41.04 -1.53 0.00	34.76 -1.33 0.00	30.59 -1.11 0.00	30.10 -1.06 0.00	28.77 -0.98 0.00	29.58 -1.04 0.00	30.93 -1.12 0.00	32.07 -1.20 0.00	37.06 -1.50 -0.03	37.19 -1.41 -0.43	41.99 -1.59 -0.57	33.69 -1.22 -0.86	26.71 -0.93 -1.08	25.78 -0.89 -0.58	24.06 -0.75 -0.50	21.97 -0.67 -0.31	23.82 -0.63 -0.18
SITHE_IND_GS4 24172	26.90 -0.80 0.00	27.54 -0.88 0.00	24.93 -0.75 0.00	25.14 -0.75 0.00	25.84 -0.77 0.00	27.71 -0.98 0.00	35.94 -1.34 0.00	41.04 -1.53 0.00	34.76 -1.33 0.00	30.59 -1.11 0.00	30.10 -1.06 0.00	28.77 -0.98 0.00	29.58 -1.04 0.00	30.93 -1.12 0.00	32.07 -1.20 0.00	37.06 -1.50 -0.03	37.19 -1.41 -0.43	41.99 -1.59 -0.57	33.69 -1.22 -0.86	26.71 -0.93 -1.08	25.78 -0.89 -0.58	24.06 -0.75 -0.50	21.97 -0.67 -0.31	23.82 -0.63 -0.18

SITHE___BATAVIA 24024	26.65 -1.05 0.00	26.89 -1.54 0.00	24.70 -0.98 0.00	25.02 -0.88 0.00	25.68 -0.93 0.00	27.97 -0.72 0.00	35.90 -1.38 0.00	40.74 -1.83 0.00	34.29 -1.80 0.00	30.78 -0.92 0.00	30.38 -0.78 0.00	29.27 -0.48 0.00	29.82 -0.80 0.00	31.00 -1.06 0.00	31.84 -1.43 0.00	36.20 -2.39 -0.07	36.77 -2.21 -0.82	41.72 -2.37 -1.07	34.14 -1.53 -1.62	27.77 -1.09 -2.30	26.18 -1.15 -1.24	23.61 -1.65 -0.95	21.67 -1.32 -0.66	23.70 -0.95 -0.38
SITHE___INDEPEND 23800	26.90 -0.80 0.00	27.54 -0.88 0.00	24.93 -0.74 0.00	25.14 -0.75 0.00	25.87 -0.75 0.00	27.71 -0.98 0.00	35.94 -1.34 0.00	41.04 -1.53 0.00	34.76 -1.34 0.00	30.59 -1.11 0.00	30.10 -1.06 0.00	28.76 -0.98 0.00	29.58 -1.04 0.00	30.97 -1.09 0.00	32.07 -1.20 0.00	37.09 -1.46 -0.03	37.19 -1.41 -0.43	41.99 -1.59 -0.57	33.68 -1.23 -0.86	26.69 -0.96 -1.08	25.76 -0.91 -0.58	23.58 -0.73 0.00	21.66 -0.67 0.00	23.82 -0.63 -0.18
SITHE___MASSENA 23902	27.95 0.25 0.00	28.96 0.54 0.00	26.03 0.36 0.00	26.49 0.60 0.00	27.39 0.77 0.00	29.57 0.89 0.00	38.43 1.16 0.00	43.30 0.72 0.00	36.39 0.29 0.00	32.33 0.63 0.00	31.72 0.56 0.00	30.04 0.30 0.00	31.02 0.40 0.00	32.51 0.45 0.00	33.60 0.33 0.00	38.61 0.08 -0.01	37.81 -0.50 -0.14	42.08 -1.12 -0.18	32.73 -1.60 -0.28	25.77 -1.14 -0.35	25.18 -1.09 -0.19	23.38 -1.09 -0.16	21.32 -1.12 -0.10	23.04 -1.29 -0.06
SITHE___OGDNSBRG 24021	28.37 0.66 0.00	29.39 0.97 0.00	26.42 0.74 0.00	26.91 1.01 0.00	27.84 1.22 0.00	30.12 1.43 0.00	39.25 1.98 0.00	44.15 1.58 0.00	37.11 1.01 0.00	32.87 1.17 0.00	32.03 0.87 0.00	30.46 0.71 0.00	31.45 0.83 0.00	32.95 0.90 0.00	34.07 0.80 0.00	39.19 0.65 -0.01	38.44 0.11 -0.16	42.97 -0.26 -0.22	33.39 -0.99 -0.32	26.33 -0.64 -0.41	25.66 -0.65 -0.22	23.61 -0.71 0.00	21.51 -0.83 0.00	23.29 -1.04 -0.07
SITHE___STERLING 23777	28.42 0.72 0.00	29.14 0.71 0.00	26.32 0.64 0.00	26.60 0.70 0.00	27.39 0.77 0.00	29.57 0.89 0.00	38.55 1.27 0.00	44.10 1.53 0.00	37.29 1.19 0.00	32.74 1.04 0.00	32.16 1.00 0.00	30.70 0.95 0.00	31.57 0.95 0.00	33.11 1.06 0.00	34.24 0.97 0.00	39.68 1.12 -0.03	39.65 1.07 -0.42	44.94 1.38 -0.55	35.84 0.95 -0.83	28.30 0.69 -1.05	27.31 0.65 -0.57	25.36 0.56 -0.49	23.08 0.45 -0.30	24.93 0.49 -0.17
SLEIGHT__34_KV_TB1 80719	26.84 -0.86 0.00	27.32 -1.11 0.00	24.88 -0.80 0.00	25.12 -0.78 0.00	25.87 -0.75 0.00	27.94 -0.75 0.00	36.20 -1.08 0.00	41.30 -1.28 0.00	35.02 -1.08 0.00	31.03 -0.67 0.00	30.57 -0.59 0.00	29.30 -0.45 0.00	30.01 -0.61 0.00	31.42 -0.64 0.00	32.31 -0.96 0.00	37.16 -1.43 -0.07	37.72 -1.26 -0.81	42.75 -1.33 -1.07	34.78 -0.89 -1.61	27.90 -0.66 -2.00	26.52 -0.65 -1.08	23.65 -0.68 -0.02	21.71 -0.63 0.00	23.99 -0.61 -0.33
SOUTH CAIRO___GT 23612	28.75 1.05 0.00	29.51 1.08 0.00	26.65 0.98 0.00	26.83 0.93 0.00	27.60 0.98 0.00	29.92 1.23 0.00	39.07 1.79 0.00	44.49 1.92 0.00	37.62 1.52 0.00	32.49 0.79 0.00	31.85 0.69 0.00	30.22 0.48 0.00	31.14 0.52 0.00	32.63 0.58 0.00	34.17 0.90 0.00	40.54 1.43 -0.59	47.14 1.60 -7.37	54.65 1.94 -9.70	50.24 1.57 -14.62	46.18 1.17 -18.45	37.23 1.17 -9.97	25.23 0.92 0.00	23.16 0.83 0.00	28.09 0.75 -3.07
SOUTH HAMPTN___IC 23720	34.26 2.69 -3.87	31.42 2.98 -0.01	28.27 2.57 -0.02	28.57 2.51 -0.16	29.69 2.64 -0.44	31.81 3.10 -0.02	40.67 3.39 0.00	46.96 4.39 0.00	39.56 3.47 0.00	35.26 3.55 -0.02	36.80 3.61 -2.02	37.38 3.45 -4.18	36.04 3.58 -1.84	37.34 3.78 -1.50	37.42 3.99 -0.16	43.57 4.51 -0.54	50.01 5.12 -6.72	62.57 5.51 -14.05	54.16 4.46 -15.64	50.10 3.61 -19.93	39.21 3.42 -9.71	38.04 3.14 -10.59	34.56 2.70 -9.53	33.13 2.67 -6.19
SOUTHDOW_115KV_TB1 355954	27.43 -0.28 0.00	27.60 -0.82 0.00	25.52 -0.15 0.00	25.87 -0.03 0.00	26.69 0.08 0.00	29.14 0.46 0.00	37.61 0.34 0.00	42.79 0.21 0.00	36.17 0.07 0.00	32.27 0.57 0.00	31.94 0.78 0.00	30.76 1.01 0.00	31.33 0.70 0.00	32.76 0.71 0.00	33.30 0.03 0.00	36.99 -1.62 -0.08	37.57 -1.56 -0.97	42.26 -2.02 -1.27	34.16 -1.80 -1.91	27.80 -1.59 -2.83	26.03 -1.59 -1.53	22.24 -1.87 0.20	20.59 -1.74 0.00	23.04 -1.70 -0.47
SOUTHOLD_69_KV_BK 2 55809	34.65 3.07 -3.87	31.93 3.50 -0.01	28.60 2.90 -0.02	28.90 2.85 -0.16	30.04 2.98 -0.44	32.21 3.50 -0.02	40.89 3.62 0.00	47.60 5.02 0.00	39.93 3.83 0.00	35.71 3.99 -0.02	37.36 4.18 -2.02	37.88 3.96 -4.18	36.53 4.07 -1.84	37.79 4.23 -1.50	38.19 4.76 -0.16	44.15 5.09 -0.54	50.65 5.76 -6.72	63.35 6.28 -14.05	54.77 5.07 -15.64	50.58 4.09 -19.93	39.66 3.86 -9.71	30.55 3.48 -2.76	30.07 3.04 -4.70	33.47 3.01 -6.19
SOUTHOLD___IC 23719	34.65 3.07 -3.87	31.79 3.35 -0.01	28.60 2.90 -0.02	28.90 2.85 -0.16	30.04 2.98 -0.44	32.21 3.50 -0.02	41.19 3.91 0.00	47.60 5.02 0.00	40.11 4.01 0.00	35.74 4.03 -0.02	37.33 4.14 -2.02	37.88 3.96 -4.18	36.53 4.07 -1.84	37.86 4.30 -1.50	37.92 4.49 -0.16	44.19 5.12 -0.54	50.65 5.76 -6.72	63.35 6.28 -14.05	54.77 5.07 -15.64	50.58 4.09 -19.93	39.63 3.84 -9.71	38.40 3.50 -10.59	34.85 2.99 -9.53	33.44 2.98 -6.19
SOUTH_FORK_WT_PWR 323839	34.67 3.10 -3.87	31.82 3.38 -0.01	28.65 2.95 -0.02	28.95 2.90 -0.16	30.09 3.03 -0.44	32.23 3.53 -0.02	41.27 3.99 0.00	47.68 5.11 0.00	40.18 4.08 0.00	35.81 4.09 -0.02	37.42 4.24 -2.02	37.94 4.01 -4.18	36.59 4.13 -1.84	37.92 4.36 -1.50	37.99 4.56 -0.16	44.26 5.20 -0.54	50.73 5.84 -6.72	63.43 6.37 -14.05	54.84 5.14 -15.64	50.63 4.14 -19.93	39.69 3.89 -9.71	38.45 3.55 -10.59	34.87 3.01 -9.53	33.49 3.03 -6.19
SPIERFLS_115KV_TB 1 80737	29.59 1.88 0.00	30.39 1.96 0.00	27.34 1.67 0.00	27.55 1.66 0.00	28.34 1.73 0.00	30.75 2.07 0.00	40.11 2.83 0.00	45.85 3.28 0.00	38.84 2.74 0.00	33.89 2.19 0.00	33.37 2.21 0.00	31.65 1.90 0.00	32.52 1.90 0.00	34.01 1.96 0.00	35.40 2.13 0.00	41.85 2.70 -0.63	48.70 2.71 -7.82	56.62 3.31 -10.29	52.19 2.62 -15.52	48.16 2.02 -19.58	38.62 1.96 -10.58	25.97 1.65 0.00	23.81 1.47 0.00	28.98 1.46 -3.26
ST LAWRENCE____ 23600	27.62 -0.08 0.00	28.60 0.17 0.00	25.73 0.05 0.00	26.13 0.23 0.00	27.01 0.40 0.00	29.17 0.49 0.00	37.87 0.59 0.00	42.66 0.09 0.00	35.92 -0.18 0.00	31.86 0.16 0.00	31.25 0.09 0.00	29.63 -0.12 0.00	30.59 -0.03 0.00	32.02 -0.03 0.00	33.14 -0.13 0.00	38.11 -0.42 -0.01	37.30 -0.99 -0.13	41.55 -1.63 -0.17	32.34 -1.98 -0.26	25.45 -1.43 -0.33	24.85 -1.41 -0.18	23.10 -1.36 -0.15	21.06 -1.36 -0.09	22.77 -1.55 -0.05
STATE_CA_115KV_115_LB 55624	28.23 0.53 0.00	29.02 0.60 0.00	26.14 0.46 0.00	26.34 0.44 0.00	27.04 0.43 0.00	29.29 0.60 0.00	38.14 0.86 0.00	43.60 1.02 0.00	37.00 0.90 0.00	32.37 0.67 0.00	31.82 0.65 0.00	30.31 0.57 0.00	31.23 0.61 0.00	32.70 0.64 0.00	34.10 0.83 0.00	40.26 1.12 -0.62	46.95 1.11 -7.68	54.41 1.29 -10.11	50.27 0.99 -15.23	46.55 0.77 -19.22	37.23 0.76 -10.39	24.94 0.63 0.00	22.89 0.56 0.00	27.98 0.51 -3.20

STATE_ST_34_KV_LOAD 55959	27.67 -0.03 0.00	28.28 -0.14 0.00	25.62 -0.05 0.00	25.84 -0.05 0.00	26.61 0.00 0.00	28.68 0.00 0.00	37.28 0.00 0.00	42.62 0.04 0.00	36.06 -0.04 0.00	31.80 0.10 0.00	31.22 0.06 0.00	29.86 0.12 0.00	30.65 0.03 0.00	32.09 0.03 0.00	33.17 -0.10 0.00	38.29 -0.31 -0.07	38.89 -0.15 -0.88	44.08 -0.09 -1.15	35.83 0.03 -1.74	28.73 -0.03 -2.19	27.25 -0.03 -1.19	24.26 -0.05 0.00	22.27 -0.07 0.00	24.56 -0.07 -0.37
STATION 5_MISC_HYD 23604	26.65 -1.05 0.00	27.06 -1.36 0.00	24.70 -0.98 0.00	24.96 -0.93 0.00	25.66 -0.96 0.00	27.79 -0.89 0.00	35.82 -1.45 0.00	40.74 -1.83 0.00	34.40 -1.70 0.00	30.72 -0.98 0.00	30.32 -0.84 0.00	29.12 -0.63 0.00	29.80 -0.83 0.00	31.00 -1.06 0.00	31.94 -1.33 0.00	36.63 -1.96 -0.07	37.31 -1.68 -0.82	42.25 -1.85 -1.08	34.53 -1.16 -1.63	27.79 -0.80 -2.02	26.37 -0.81 -1.09	24.10 -1.17 -0.96	22.00 -0.92 -0.58	23.95 -0.65 -0.34
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	27.15 -0.55 0.00	27.60 -0.82 0.00	25.14 -0.54 0.00	25.40 -0.49 0.00	26.16 -0.45 0.00	28.28 -0.40 0.00	36.68 -0.60 0.00	41.77 -0.81 0.00	35.41 -0.69 0.00	31.38 -0.32 0.00	30.91 -0.25 0.00	29.63 -0.12 0.00	30.35 -0.28 0.00	31.77 -0.29 0.00	32.64 -0.63 0.00	37.55 -1.04 -0.07	38.12 -0.88 -0.83	43.16 -0.95 -1.09	35.19 -0.51 -1.65	28.25 -0.37 -2.06	26.81 -0.39 -1.11	23.86 -0.46 -0.01	21.89 -0.45 0.00	24.22 -0.39 -0.34
STA_56_34_KV_BUS2_REV_LBMP_B 345033	26.57 -1.14 0.00	26.98 -1.45 0.00	24.62 -1.05 0.00	24.89 -1.01 0.00	25.63 -0.98 0.00	27.65 -1.03 0.00	35.75 -1.53 0.00	40.66 -1.92 0.00	34.51 -1.59 0.00	30.65 -1.05 0.00	30.23 -0.93 0.00	29.03 -0.71 0.00	29.70 -0.92 0.00	31.06 -0.99 0.00	31.87 -1.40 0.00	36.66 -1.93 -0.07	37.23 -1.76 -0.82	42.15 -1.94 -1.07	34.45 -1.23 -1.62	27.67 -0.90 -2.01	26.31 -0.86 -1.09	23.43 -0.90 -0.02	21.53 -0.80 0.00	23.87 -0.73 -0.33
STA_56___34_KV_BUS2 355983	26.57 -1.14 0.00	26.98 -1.45 0.00	24.62 -1.05 0.00	24.89 -1.01 0.00	25.63 -0.98 0.00	27.65 -1.03 0.00	35.75 -1.53 0.00	40.66 -1.92 0.00	34.51 -1.59 0.00	30.65 -1.05 0.00	30.23 -0.93 0.00	29.03 -0.71 0.00	29.70 -0.92 0.00	31.06 -0.99 0.00	31.87 -1.40 0.00	36.66 -1.93 -0.07	37.23 -1.76 -0.82	42.15 -1.94 -1.07	34.45 -1.23 -1.62	27.67 -0.90 -2.01	26.31 -0.86 -1.09	23.43 -0.90 -0.02	21.53 -0.80 0.00	23.87 -0.73 -0.33
STA_67___115KV_BK2 355882	26.62 -1.08 0.00	27.03 -1.39 0.00	24.67 -1.00 0.00	24.94 -0.96 0.00	25.68 -0.93 0.00	27.74 -0.95 0.00	35.79 -1.49 0.00	40.70 -1.87 0.00	34.51 -1.59 0.00	30.69 -1.01 0.00	30.26 -0.90 0.00	29.06 -0.68 0.00	29.70 -0.92 0.00	31.10 -0.96 0.00	31.87 -1.40 0.00	36.66 -1.93 -0.07	37.23 -1.76 -0.82	42.16 -1.94 -1.08	34.46 -1.23 -1.63	27.73 -0.85 -2.02	26.34 -0.83 -1.09	23.45 -0.88 -0.02	21.57 -0.76 0.00	23.92 -0.68 -0.34
STA_7___115KV_9TRANS 80674	26.76 -0.94 0.00	27.15 -1.28 0.00	24.80 -0.87 0.00	25.07 -0.83 0.00	25.82 -0.80 0.00	27.88 -0.80 0.00	36.01 -1.27 0.00	40.96 -1.62 0.00	34.76 -1.34 0.00	30.91 -0.79 0.00	30.48 -0.69 0.00	29.27 -0.48 0.00	29.95 -0.67 0.00	31.32 -0.74 0.00	32.11 -1.16 0.00	36.93 -1.66 -0.07	37.50 -1.49 -0.82	42.46 -1.63 -1.08	34.70 -0.99 -1.63	27.90 -0.69 -2.02	26.50 -0.68 -1.09	23.60 -0.73 -0.02	21.69 -0.65 0.00	24.05 -0.56 -0.34
STA_82___115KV_TB1 80780	26.62 -1.08 0.00	27.03 -1.39 0.00	24.67 -1.00 0.00	24.94 -0.96 0.00	25.68 -0.93 0.00	27.74 -0.95 0.00	35.82 -1.45 0.00	40.70 -1.87 0.00	34.55 -1.55 0.00	30.69 -1.01 0.00	30.26 -0.90 0.00	29.06 -0.68 0.00	29.73 -0.89 0.00	31.10 -0.96 0.00	31.87 -1.40 0.00	36.66 -1.93 -0.07	37.23 -1.76 -0.82	42.16 -1.94 -1.08	34.50 -1.19 -1.63	27.75 -0.85 -2.03	26.38 -0.81 -1.10	23.45 -0.88 -0.01	21.57 -0.76 0.00	23.93 -0.68 -0.34
STEEL___WIND 323596	26.62 -1.08 0.00	26.83 -1.59 0.00	24.73 -0.95 0.00	25.04 -0.85 0.00	25.68 -0.93 0.00	28.02 -0.66 0.00	35.86 -1.42 0.00	40.57 -2.00 0.00	34.11 -1.99 0.00	30.72 -0.98 0.00	30.41 -0.75 0.00	29.30 -0.45 0.00	29.82 -0.80 0.00	31.00 -1.06 0.00	31.81 -1.46 0.00	35.87 -2.73 -0.08	36.22 -2.82 -0.88	40.99 -3.18 -1.15	33.40 -2.38 -1.74	27.38 -1.83 -2.65	25.69 -1.83 -1.43	23.10 -2.24 -1.02	21.17 -1.92 -0.76	23.11 -1.60 -0.44
STEPHTWN_115KV_BK_2 55603	28.42 0.72 0.00	29.22 0.80 0.00	26.29 0.62 0.00	26.49 0.60 0.00	27.23 0.61 0.00	29.49 0.80 0.00	38.43 1.16 0.00	43.98 1.40 0.00	37.29 1.19 0.00	32.56 0.86 0.00	32.00 0.84 0.00	30.49 0.74 0.00	31.42 0.80 0.00	32.89 0.83 0.00	34.27 1.00 0.00	40.49 1.35 -0.61	47.12 1.34 -7.62	54.67 1.63 -10.02	50.46 1.29 -15.11	46.61 0.98 -19.06	37.35 0.97 -10.30	25.11 0.80 0.00	23.03 0.69 0.00	28.10 0.66 -3.17
STEUBEN_REC_LFGE 323667	27.59 -0.11 0.00	27.94 -0.48 0.00	25.62 -0.05 0.00	25.92 0.03 0.00	26.75 0.13 0.00	29.14 0.46 0.00	37.80 0.52 0.00	42.91 0.34 0.00	36.24 0.14 0.00	32.21 0.51 0.00	31.69 0.53 0.00	30.40 0.65 0.00	31.02 0.40 0.00	32.44 0.38 0.00	33.17 -0.10 0.00	37.44 -1.19 -0.12	38.58 -0.99 -1.40	43.74 -1.12 -1.84	35.98 -0.85 -2.78	29.37 -0.88 -3.68	27.01 -1.07 -1.99	22.94 -1.29 0.08	20.93 -1.41 0.00	23.38 -1.50 -0.61
STILLWATER___SOLAR 323814	29.20 1.49 0.00	29.99 1.56 0.00	27.01 1.33 0.00	27.22 1.32 0.00	28.00 1.38 0.00	30.32 1.63 0.00	39.51 2.24 0.00	45.17 2.60 0.00	38.30 2.20 0.00	33.41 1.71 0.00	32.84 1.68 0.00	31.26 1.52 0.00	32.15 1.53 0.00	33.69 1.63 0.00	35.07 1.80 0.00	41.46 2.31 -0.63	48.25 2.29 -7.79	56.02 2.76 -10.25	51.66 2.15 -15.46	47.71 1.65 -19.50	38.27 1.64 -10.54	34.80 1.41 -9.08	29.20 1.27 -5.60	28.75 1.24 -3.25
STONY___BROOK 24151	34.00 2.44 -3.86	31.20 2.76 -0.01	27.91 2.21 -0.02	28.23 2.18 -0.16	29.34 2.29 -0.44	31.43 2.73 -0.02	40.19 2.91 0.00	46.32 3.75 0.00	39.20 3.10 0.00	35.01 3.30 -0.02	36.46 3.27 -2.03	37.00 3.06 -4.19	35.74 3.28 -1.84	36.99 3.43 -1.51	37.06 3.63 -0.16	43.15 4.08 -0.54	49.32 4.43 -6.72	61.98 4.90 -14.06	53.65 3.95 -15.65	49.63 3.13 -19.94	38.80 3.00 -9.71	37.68 2.77 -10.60	34.29 2.43 -9.52	32.93 2.48 -6.19
STURGEON_POOL_HYD 23609	28.73 1.02 0.00	29.62 1.19 0.00	26.57 0.90 0.00	26.75 0.85 0.00	27.49 0.88 0.00	29.86 1.18 0.00	38.84 1.57 0.00	44.62 2.04 0.00	37.94 1.84 0.00	33.25 1.55 0.00	32.75 1.59 0.00	31.20 1.46 0.00	32.24 1.62 0.00	33.69 1.63 0.00	35.13 1.86 0.00	41.39 2.31 -0.55	47.32 2.29 -6.86	54.49 2.45 -9.02	49.70 2.04 -13.60	45.30 1.57 -17.17	36.83 1.46 -9.28	25.59 1.29 0.01	23.58 1.25 0.00	28.36 1.24 -2.86
ST_LAW_115_BK7_LBMP 345037	27.62 -0.08 0.00	28.63 0.20 0.00	25.73 0.05 0.00	26.15 0.26 0.00	27.01 0.40 0.00	29.17 0.49 0.00	37.87 0.59 0.00	42.66 0.09 0.00	35.92 -0.18 0.00	31.89 0.19 0.00	31.29 0.13 0.00	29.63 -0.12 0.00	30.59 -0.03 0.00	32.06 0.00 0.00	33.14 -0.13 0.00	38.11 -0.42 -0.01	37.35 -0.95 -0.13	41.55 -1.63 -0.17	32.34 -1.98 -0.26	25.46 -1.43 -0.33	24.86 -1.41 -0.18	23.11 -1.36 -0.15	21.07 -1.36 -0.10	22.77 -1.55 -0.06

ST_LAW_115_BK8_LBMP 345038	27.62 -0.08 0.00	28.63 0.20 0.00	25.73 0.05 0.00	26.15 0.26 0.00	27.01 0.40 0.00	29.17 0.49 0.00	37.87 0.59 0.00	42.66 0.09 0.00	35.92 -0.18 0.00	31.89 0.19 0.00	31.29 0.13 0.00	29.63 -0.12 0.00	30.59 -0.03 0.00	32.06 0.00 0.00	33.14 -0.13 0.00	38.11 -0.42 -0.01	37.35 -0.95 -0.13	41.55 -1.63 -0.17	32.34 -1.98 -0.26	25.46 -1.43 -0.33	24.86 -1.41 -0.18	23.11 -1.36 -0.15	21.07 -1.36 -0.10	22.77 -1.55 -0.06
ST_LAW_230_BK5_LBMP 345035	27.62 -0.08 0.00	28.60 0.17 0.00	25.73 0.05 0.00	26.13 0.23 0.00	27.01 0.40 0.00	29.17 0.49 0.00	37.87 0.59 0.00	42.66 0.09 0.00	35.92 -0.18 0.00	31.86 0.16 0.00	31.25 0.09 0.00	29.63 -0.12 0.00	30.59 -0.03 0.00	32.02 -0.03 0.00	33.14 -0.13 0.00	38.11 -0.42 -0.01	37.30 -0.99 -0.13	41.55 -1.63 -0.17	32.33 -1.98 -0.25	25.45 -1.43 -0.32	24.85 -1.41 -0.17	23.10 -1.36 -0.15	21.06 -1.36 -0.09	22.77 -1.55 -0.05
ST_LAW_230_BK6_LBMP 345036	27.62 -0.08 0.00	28.60 0.17 0.00	25.73 0.05 0.00	26.13 0.23 0.00	27.01 0.40 0.00	29.17 0.49 0.00	37.87 0.59 0.00	42.66 0.09 0.00	35.92 -0.18 0.00	31.86 0.16 0.00	31.25 0.09 0.00	29.63 -0.12 0.00	30.59 -0.03 0.00	32.02 -0.03 0.00	33.14 -0.13 0.00	38.11 -0.42 -0.01	37.30 -0.99 -0.13	41.55 -1.63 -0.17	32.33 -1.98 -0.25	25.45 -1.43 -0.32	24.85 -1.41 -0.17	23.10 -1.36 -0.15	21.06 -1.36 -0.09	22.77 -1.55 -0.05
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	28.98 1.27 0.00	29.85 1.42 0.00	26.78 1.10 0.00	26.96 1.06 0.00	27.70 1.09 0.00	30.17 1.49 0.00	39.25 1.98 0.00	45.13 2.55 0.00	38.34 2.24 0.00	33.63 1.93 0.00	33.12 1.96 0.00	31.59 1.84 0.00	32.64 2.02 0.00	34.08 2.02 0.00	35.50 2.23 0.00	41.78 2.74 -0.52	47.43 2.79 -6.47	54.63 3.10 -8.52	49.41 2.52 -12.84	44.74 1.97 -16.21	36.67 1.83 -8.76	25.91 1.60 0.01	23.85 1.52 0.00	28.42 1.46 -2.70
SWANROAD_115KV_TB1 355699	25.57 -2.13 0.00	25.81 -2.62 0.00	23.78 -1.90 0.00	24.06 -1.84 0.00	24.80 -1.81 0.00	26.85 -1.84 0.00	34.33 -2.94 0.00	38.66 -3.92 0.00	32.81 -3.29 0.00	29.39 -2.31 0.00	29.07 -2.09 0.00	27.99 -1.76 0.00	28.48 -2.14 0.00	29.84 -2.21 0.00	30.31 -2.96 0.00	34.36 -4.24 -0.07	34.81 -4.16 -0.81	39.43 -4.65 -1.06	32.35 -3.30 -1.60	26.58 -2.44 -2.47	25.15 -2.27 -1.33	21.80 -2.31 0.21	20.35 -1.99 0.00	22.81 -1.87 -0.41
SYNERGY___BIOGAS 323694	26.65 -1.05 0.00	26.89 -1.54 0.00	24.70 -0.98 0.00	25.02 -0.88 0.00	25.68 -0.93 0.00	27.97 -0.72 0.00	35.90 -1.38 0.00	40.74 -1.83 0.00	34.29 -1.80 0.00	30.78 -0.92 0.00	30.38 -0.78 0.00	29.27 -0.48 0.00	29.82 -0.80 0.00	31.00 -1.06 0.00	31.84 -1.43 0.00	36.20 -2.39 -0.07	36.77 -2.21 -0.82	41.72 -2.37 -1.07	34.14 -1.53 -1.62	27.77 -1.09 -2.30	26.18 -1.15 -1.24	23.61 -1.65 -0.95	21.67 -1.32 -0.66	23.70 -0.95 -0.38
SYRACUSE___ENERGY_ST1 323597	27.56 -0.14 0.00	28.20 -0.23 0.00	25.52 -0.15 0.00	25.74 -0.16 0.00	26.48 -0.13 0.00	28.45 -0.23 0.00	36.98 -0.30 0.00	42.28 -0.30 0.00	35.81 -0.29 0.00	31.54 -0.16 0.00	31.00 -0.16 0.00	29.66 -0.09 0.00	30.47 -0.15 0.00	31.90 -0.16 0.00	33.00 -0.27 0.00	38.12 -0.46 -0.06	38.49 -0.38 -0.71	43.61 -0.34 -0.94	35.22 -0.24 -1.41	28.13 -0.21 -1.78	26.84 -0.21 -0.96	24.17 -0.15 0.00	22.20 -0.13 0.00	24.44 -0.12 -0.30
SYRACUSE___ENERGY_ST2 323598	27.56 -0.14 0.00	28.20 -0.23 0.00	25.52 -0.15 0.00	25.74 -0.16 0.00	26.48 -0.13 0.00	28.45 -0.23 0.00	36.98 -0.30 0.00	42.28 -0.30 0.00	35.81 -0.29 0.00	31.54 -0.16 0.00	31.00 -0.16 0.00	29.66 -0.09 0.00	30.47 -0.15 0.00	31.90 -0.16 0.00	33.00 -0.27 0.00	38.12 -0.46 -0.06	38.49 -0.38 -0.71	43.61 -0.34 -0.94	35.22 -0.24 -1.41	28.13 -0.21 -1.78	26.84 -0.21 -0.96	24.17 -0.15 0.00	22.20 -0.13 0.00	24.44 -0.12 -0.30
SYRACUSE___POWER 24017	27.51 -0.19 0.00	28.14 -0.28 0.00	25.47 -0.21 0.00	25.69 -0.21 0.00	26.43 -0.19 0.00	28.43 -0.26 0.00	36.94 -0.34 0.00	42.23 -0.34 0.00	35.77 -0.32 0.00	31.51 -0.19 0.00	30.97 -0.19 0.00	29.60 -0.15 0.00	30.44 -0.18 0.00	31.86 -0.19 0.00	32.97 -0.30 0.00	38.08 -0.50 -0.06	38.53 -0.38 -0.74	43.60 -0.39 -0.98	35.28 -0.24 -1.47	28.20 -0.21 -1.85	26.88 -0.21 -1.00	24.14 -0.17 0.00	22.18 -0.16 0.00	24.43 -0.15 -0.31
TALLMAN___138KV_BK151 55660	29.06 1.36 0.00	29.96 1.53 0.00	26.83 1.16 0.00	27.04 1.14 0.00	27.78 1.17 0.00	30.29 1.61 0.00	39.40 2.12 0.00	45.34 2.77 0.00	38.52 2.42 0.00	33.82 2.12 0.00	33.31 2.15 0.00	31.77 2.02 0.00	32.83 2.20 0.00	34.27 2.21 0.00	35.70 2.43 0.00	42.02 2.97 -0.53	47.77 3.02 -6.59	55.08 3.40 -8.66	49.87 2.76 -13.06	45.20 2.15 -16.49	36.98 1.98 -8.91	26.08 1.77 0.01	23.99 1.65 0.00	28.61 1.60 -2.75
TEALLAVE_115KV_TB7 355573	27.40 -0.30 0.00	28.03 -0.40 0.00	25.37 -0.31 0.00	25.58 -0.31 0.00	26.32 -0.29 0.00	28.31 -0.37 0.00	36.76 -0.52 0.00	42.02 -0.55 0.00	35.59 -0.51 0.00	31.38 -0.32 0.00	30.85 -0.31 0.00	29.48 -0.27 0.00	30.31 -0.31 0.00	31.74 -0.32 0.00	32.84 -0.43 0.00	37.92 -0.65 -0.05	38.22 -0.57 -0.62	43.23 -0.60 -0.82	34.88 -0.41 -1.23	27.77 -0.35 -1.56	26.59 -0.34 -0.84	24.04 -0.27 0.00	22.09 -0.25 0.00	24.31 -0.22 -0.26
TELGRAPH_34_KV_EAST 80808	26.26 -1.44 0.00	26.49 -1.93 0.00	24.37 -1.31 0.00	24.68 -1.22 0.00	25.44 -1.17 0.00	27.56 -1.12 0.00	35.38 -1.90 0.00	39.98 -2.60 0.00	33.93 -2.17 0.00	30.31 -1.39 0.00	29.95 -1.22 0.00	28.82 -0.92 0.00	29.37 -1.26 0.00	30.77 -1.28 0.00	31.31 -1.96 0.00	35.55 -3.04 -0.07	36.08 -2.90 -0.82	40.82 -3.27 -1.07	33.45 -2.21 -1.61	27.28 -1.65 -2.36	25.82 -1.54 -1.28	22.51 -1.65 0.15	20.90 -1.43 0.00	23.37 -1.29 -0.39
TEMPLE___115KV_TB 2 55572	27.40 -0.30 0.00	28.03 -0.40 0.00	25.39 -0.28 0.00	25.61 -0.28 0.00	26.35 -0.27 0.00	28.31 -0.37 0.00	36.79 -0.48 0.00	42.02 -0.55 0.00	35.63 -0.47 0.00	31.38 -0.32 0.00	30.88 -0.28 0.00	29.51 -0.24 0.00	30.35 -0.28 0.00	31.77 -0.29 0.00	32.87 -0.40 0.00	37.96 -0.62 -0.05	38.26 -0.53 -0.63	43.29 -0.56 -0.83	34.89 -0.41 -1.25	27.82 -0.32 -1.58	26.63 -0.31 -0.85	24.07 -0.24 0.00	22.09 -0.25 0.00	24.31 -0.22 -0.26
TIANA____69_KV_BK 1 55817	34.17 2.60 -3.87	31.48 3.04 -0.01	28.16 2.46 -0.02	28.49 2.43 -0.16	29.58 2.53 -0.44	31.72 3.01 -0.02	40.26 2.98 0.00	46.83 4.26 0.00	39.28 3.18 0.00	35.17 3.46 -0.02	36.71 3.52 -2.02	37.23 3.30 -4.18	35.92 3.46 -1.84	37.15 3.59 -1.50	37.55 4.13 -0.16	43.42 4.35 -0.54	49.85 4.96 -6.72	62.40 5.33 -14.05	54.02 4.32 -15.64	50.02 3.53 -19.93	39.14 3.34 -9.71	30.09 3.01 -2.76	29.71 2.68 -4.70	33.08 2.62 -6.19
TILDEN___115KV_TB1 80814	27.51 -0.19 0.00	28.14 -0.28 0.00	25.47 -0.21 0.00	25.69 -0.21 0.00	26.43 -0.19 0.00	28.43 -0.26 0.00	36.94 -0.34 0.00	42.23 -0.34 0.00	35.77 -0.32 0.00	31.51 -0.19 0.00	30.97 -0.19 0.00	29.60 -0.15 0.00	30.44 -0.18 0.00	31.86 -0.19 0.00	32.97 -0.30 0.00	38.08 -0.50 -0.06	38.53 -0.38 -0.74	43.60 -0.39 -0.98	35.28 -0.24 -1.47	28.20 -0.21 -1.85	26.88 -0.21 -1.00	24.14 -0.17 0.00	22.18 -0.16 0.00	24.43 -0.15 -0.31

TRIGEN___CC 323695	33.02 2.02 -3.29	30.77 2.33 -0.01	27.46 1.77 -0.02	27.74 1.71 -0.13	28.77 1.78 -0.37	30.96 2.27 -0.02	39.66 2.39 0.00	45.85 3.28 0.00	38.91 2.82 0.00	34.60 2.88 -0.01	36.93 2.87 -2.90	38.42 2.68 -5.99	36.16 2.91 -2.63	37.13 2.92 -2.15	36.69 3.19 -0.23	42.72 3.66 -0.54	48.60 3.70 -6.73	63.45 4.13 -16.31	54.04 3.34 -16.65	50.44 2.60 -21.28	38.55 2.50 -9.96	30.40 2.26 -3.83	28.46 2.12 -4.00	32.09 2.14 -5.69
TRINITY___115KV___4 BK 55933	28.15 0.44 0.00	28.94 0.51 0.00	26.06 0.39 0.00	26.26 0.36 0.00	26.96 0.35 0.00	29.17 0.49 0.00	37.99 0.71 0.00	43.47 0.89 0.00	36.89 0.79 0.00	32.24 0.54 0.00	31.69 0.53 0.00	30.19 0.45 0.00	31.11 0.49 0.00	32.60 0.54 0.00	33.97 0.70 0.00	40.14 1.00 -0.62	46.75 0.95 -7.63	54.17 1.12 -10.04	50.04 0.85 -15.13	46.32 0.66 -19.09	37.08 0.68 -10.32	24.87 0.56 0.00	22.82 0.49 0.00	27.91 0.46 -3.18
UNION___PROCESSING_DRP 323587	26.62 -1.08 0.00	27.03 -1.39 0.00	24.67 -1.00 0.00	24.94 -0.96 0.00	25.68 -0.93 0.00	27.74 -0.95 0.00	35.82 -1.45 0.00	40.70 -1.87 0.00	34.55 -1.55 0.00	30.69 -1.01 0.00	30.26 -0.90 0.00	29.06 -0.68 0.00	29.73 -0.89 0.00	31.10 -0.96 0.00	31.87 -1.40 0.00	36.66 -1.93 -0.07	37.23 -1.76 -0.82	42.21 -1.89 -1.08	34.49 -1.19 -1.63	27.75 -0.85 -2.04	26.38 -0.81 -1.10	23.47 -0.85 -0.01	21.57 -0.76 0.00	23.93 -0.68 -0.34
UPPER HUDSON___HYD 24058	29.59 1.88 0.00	30.39 1.96 0.00	27.34 1.67 0.00	27.55 1.66 0.00	28.37 1.76 0.00	30.75 2.07 0.00	40.11 2.83 0.00	45.85 3.28 0.00	38.84 2.74 0.00	33.89 2.19 0.00	33.37 2.21 0.00	31.65 1.91 0.00	32.52 1.90 0.00	34.01 1.96 0.00	35.43 2.16 0.00	41.89 2.74 -0.63	48.70 2.71 -7.82	56.62 3.31 -10.29	52.19 2.62 -15.52	48.16 2.02 -19.58	38.62 1.96 -10.58	35.08 1.65 -9.12	29.47 1.52 -5.62	28.98 1.46 -3.26
UPPER RAQUET___HYD 24056	28.14 0.44 0.00	29.14 0.71 0.00	26.22 0.54 0.00	26.67 0.78 0.00	27.57 0.96 0.00	29.80 1.12 0.00	38.81 1.53 0.00	43.76 1.19 0.00	36.75 0.65 0.00	32.62 0.92 0.00	31.97 0.81 0.00	30.28 0.54 0.00	31.26 0.64 0.00	32.73 0.67 0.00	33.84 0.57 0.00	38.88 0.35 -0.01	38.12 -0.23 -0.18	42.52 -0.73 -0.23	33.11 -1.29 -0.35	26.11 -0.90 -0.45	25.44 -0.89 -0.24	23.60 -0.92 -0.21	21.50 -0.96 -0.13	23.20 -1.14 -0.07
VALLEY44_115KV_TB2 355964	27.09 -0.61 0.00	27.26 -1.17 0.00	25.19 -0.49 0.00	25.53 -0.36 0.00	26.32 -0.29 0.00	28.77 0.09 0.00	37.05 -0.22 0.00	41.77 -0.81 0.00	35.09 -1.01 0.00	31.38 -0.32 0.00	31.00 -0.16 0.00	29.81 0.06 0.00	30.38 -0.24 0.00	31.77 -0.29 0.00	32.37 -0.90 0.00	35.68 -2.93 -0.09	36.46 -2.71 -1.00	41.45 -2.88 -1.32	33.62 -2.42 -1.98	27.46 -2.02 -2.91	25.68 -1.98 -1.57	22.01 -2.12 0.19	20.41 -1.92 0.00	22.69 -2.06 -0.49
VALLEY___115KV_TB 1-4 80826	28.17 0.47 0.00	28.91 0.48 0.00	26.06 0.39 0.00	26.31 0.41 0.00	27.04 0.43 0.00	29.17 0.49 0.00	37.91 0.63 0.00	43.34 0.77 0.00	36.71 0.61 0.00	32.27 0.57 0.00	31.75 0.59 0.00	30.34 0.59 0.00	31.23 0.61 0.00	32.70 0.64 0.00	33.87 0.60 0.00	39.15 0.62 -0.01	38.64 0.38 -0.10	43.44 0.30 -0.13	34.28 0.03 -0.19	26.78 -0.03 -0.24	26.14 -0.08 -0.13	24.21 -0.10 0.00	22.27 -0.07 0.00	24.21 -0.10 -0.04
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	29.06 1.36 0.00	29.85 1.42 0.00	26.93 1.26 0.00	27.22 1.32 0.00	27.97 1.36 0.00	30.29 1.61 0.00	39.48 2.20 0.00	45.13 2.55 0.00	38.30 2.20 0.00	33.63 1.93 0.00	33.06 1.90 0.00	31.56 1.81 0.00	32.49 1.87 0.00	34.01 1.96 0.00	35.17 1.90 0.00	41.04 2.27 -0.24	43.35 2.21 -2.97	49.63 2.71 -3.91	41.99 2.04 -5.89	35.63 1.59 -7.47	31.61 1.49 -4.04	25.63 1.34 0.02	23.49 1.16 0.00	26.72 1.21 -1.24
VISCHER___FERRY HYD 24020	28.78 1.08 0.00	29.56 1.14 0.00	26.65 0.98 0.00	26.85 0.96 0.00	27.62 1.01 0.00	29.89 1.20 0.00	38.99 1.72 0.00	44.58 2.00 0.00	37.83 1.73 0.00	32.97 1.27 0.00	32.37 1.21 0.00	30.85 1.10 0.00	31.78 1.16 0.00	33.31 1.25 0.00	34.73 1.46 0.00	41.03 1.89 -0.62	47.74 1.87 -7.70	55.34 2.19 -10.14	51.00 1.67 -15.28	47.14 1.30 -19.28	37.83 1.33 -10.42	34.43 1.14 -8.98	28.92 1.05 -5.53	28.50 1.02 -3.21
V_A_10_SYNC_DSASP 323832	25.98 -1.72 0.00	26.29 -2.13 0.00	24.14 -1.54 0.00	24.42 -1.48 0.00	25.04 -1.57 0.00	27.19 -1.49 0.00	34.82 -2.46 0.00	39.42 -3.15 0.00	33.21 -2.89 0.00	29.86 -1.84 0.00	29.51 -1.65 0.00	28.38 -1.37 0.00	28.94 -1.68 0.00	30.07 -1.99 0.00	30.91 -2.36 0.00	35.32 -3.27 -0.08	36.16 -2.98 -0.98	40.99 -3.31 -1.28	33.81 -2.18 -1.94	27.24 -1.54 -2.22	25.80 -1.49 -1.20	23.48 -1.97 -1.14	21.41 -1.56 -0.64	23.45 -1.19 -0.37
V_CMM_10_SYNC_DSASP 323787	27.76 0.06 0.00	28.77 0.34 0.00	25.86 0.18 0.00	26.28 0.39 0.00	27.17 0.56 0.00	29.34 0.66 0.00	38.14 0.86 0.00	42.91 0.34 0.00	36.14 0.04 0.00	32.08 0.38 0.00	31.47 0.31 0.00	29.81 0.06 0.00	30.77 0.15 0.00	32.25 0.19 0.00	33.34 0.07 0.00	38.30 -0.23 -0.01	37.54 -0.76 -0.13	41.77 -1.42 -0.17	32.48 -1.84 -0.26	25.57 -1.33 -0.33	24.99 -1.28 -0.18	23.20 -1.27 -0.15	21.18 -1.25 -0.10	22.89 -1.43 -0.06
V_CMP_10_SYNC_DSASP 323788	28.59 0.89 0.00	29.59 1.17 0.00	26.63 0.95 0.00	27.06 1.17 0.00	27.97 1.36 0.00	30.23 1.55 0.00	38.92 1.64 0.00	43.38 0.81 0.00	36.71 0.61 0.00	32.62 0.92 0.00	32.00 0.84 0.00	30.28 0.54 0.00	31.23 0.61 0.00	32.70 0.64 0.00	33.80 0.53 0.00	38.69 0.15 -0.01	37.69 -0.61 -0.13	41.86 -1.33 -0.18	32.45 -1.87 -0.27	25.57 -1.33 -0.34	24.96 -1.30 -0.18	23.40 -1.07 -0.16	21.27 -1.16 -0.10	22.94 -1.38 -0.06
V_D_10_SYNC_DSASP 323841	27.95 0.25 0.00	28.96 0.54 0.00	26.03 0.36 0.00	26.49 0.60 0.00	27.39 0.77 0.00	29.57 0.89 0.00	38.43 1.16 0.00	43.30 0.72 0.00	36.39 0.29 0.00	32.33 0.63 0.00	31.72 0.56 0.00	30.04 0.30 0.00	31.02 0.40 0.00	32.51 0.45 0.00	33.60 0.33 0.00	38.57 0.04 -0.01	37.81 -0.50 -0.14	42.08 -1.12 -0.18	32.73 -1.60 -0.28	25.77 -1.14 -0.35	25.18 -1.09 -0.19	23.38 -1.09 -0.16	21.32 -1.12 -0.10	23.04 -1.29 -0.06
V_E_10_SYNC_DSASP 323830	29.86 2.16 0.00	30.53 2.10 0.00	27.58 1.90 0.00	28.02 2.12 0.00	28.87 2.26 0.00	31.32 2.64 0.00	41.04 3.76 0.00	47.08 4.51 0.00	39.64 3.54 0.00	34.74 3.04 0.00	34.03 2.86 0.00	32.57 2.83 0.00	33.41 2.79 0.00	35.07 3.01 0.00	36.07 2.80 0.00	41.97 3.27 -0.17	43.60 3.32 -2.11	50.14 4.34 -2.78	41.41 3.17 -4.19	34.27 2.36 -5.34	31.14 2.16 -2.89	28.65 1.87 -2.46	25.36 1.50 -1.53	26.76 1.60 -0.89
V_F_30_NSYNC___DSASP 323816	29.20 1.49 0.00	30.02 1.59 0.00	27.01 1.33 0.00	27.24 1.35 0.00	28.02 1.41 0.00	30.35 1.66 0.00	39.55 2.27 0.00	45.17 2.60 0.00	38.30 2.20 0.00	33.44 1.74 0.00	32.87 1.71 0.00	31.29 1.55 0.00	32.18 1.56 0.00	33.72 1.67 0.00	35.10 1.83 0.00	41.46 2.31 -0.63	48.26 2.29 -7.81	56.04 2.76 -10.27	51.72 2.18 -15.48	47.77 1.67 -19.53	38.29 1.64 -10.56	34.84 1.43 -9.10	29.21 1.27 -5.61	28.76 1.24 -3.25

V_F_30_SYNC_DSASP 323786	28.23 0.53 0.00	29.02 0.60 0.00	26.14 0.46 0.00	26.34 0.44 0.00	27.04 0.43 0.00	29.29 0.60 0.00	38.14 0.86 0.00	43.60 1.02 0.00	37.00 0.90 0.00	32.33 0.63 0.00	31.82 0.65 0.00	30.31 0.57 0.00	31.23 0.61 0.00	32.70 0.64 0.00	34.10 0.83 0.00	40.26 1.12 -0.62	46.95 1.11 -7.68	54.41 1.29 -10.10	50.27 0.99 -15.23	46.54 0.77 -19.21	37.22 0.76 -10.38	24.94 0.63 0.00	22.89 0.56 0.00	27.98 0.51 -3.20
V_XM_10_SYNC_DSASP 323789	28.59 0.89 0.00	29.59 1.17 0.00	26.63 0.95 0.00	27.06 1.17 0.00	27.97 1.36 0.00	30.23 1.55 0.00	38.92 1.64 0.00	43.38 0.81 0.00	36.71 0.61 0.00	32.62 0.92 0.00	32.00 0.84 0.00	30.28 0.54 0.00	31.23 0.61 0.00	32.70 0.64 0.00	33.80 0.53 0.00	38.69 0.15 -0.01	37.69 -0.61 -0.13	41.86 -1.33 -0.18	32.45 -1.87 -0.27	25.57 -1.33 -0.34	24.96 -1.30 -0.18	23.40 -1.07 -0.16	21.27 -1.16 -0.10	22.94 -1.38 -0.06
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	29.14 1.44 0.00	30.05 1.62 0.00	26.91 1.23 0.00	27.09 1.19 0.00	27.86 1.25 0.00	30.38 1.69 0.00	39.51 2.24 0.00	45.47 2.90 0.00	38.63 2.53 0.00	33.89 2.19 0.00	33.40 2.24 0.00	31.86 2.11 0.00	32.92 2.30 0.00	34.36 2.31 0.00	35.80 2.53 0.00	42.14 3.08 -0.53	47.91 3.13 -6.61	55.20 3.48 -8.70	50.03 2.86 -13.11	45.32 2.20 -16.56	37.10 2.06 -8.95	26.13 1.82 0.01	24.05 1.72 0.00	28.67 1.65 -2.76
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	29.34 1.63 0.00	30.36 1.93 0.00	27.06 1.39 0.00	27.24 1.35 0.00	28.00 1.38 0.00	30.49 1.81 0.00	39.70 2.42 0.00	45.72 3.15 0.00	38.91 2.82 0.00	34.20 2.50 0.00	33.75 2.59 0.00	32.19 2.44 0.00	33.25 2.63 0.00	34.72 2.66 0.00	36.13 2.86 0.00	42.49 3.43 -0.54	48.28 3.40 -6.72	55.63 3.79 -8.83	50.43 3.06 -13.32	45.74 2.36 -16.81	37.34 2.17 -9.09	26.28 1.97 0.01	24.16 1.83 0.00	28.89 1.82 -2.80
W50THST__13_KV_LOAD 356117	29.45 1.75 0.00	30.47 2.05 0.00	27.14 1.46 0.00	27.32 1.42 0.00	28.10 1.49 0.00	30.60 1.92 0.00	39.89 2.61 0.00	45.94 3.36 0.00	39.13 3.03 0.00	34.36 2.66 0.00	33.90 2.74 0.00	32.36 2.62 0.00	33.41 2.79 0.00	34.88 2.82 0.00	36.33 3.06 0.00	42.72 3.66 -0.54	48.47 3.59 -6.72	55.85 4.00 -8.83	50.60 3.24 -13.32	45.87 2.50 -16.81	37.44 2.27 -9.09	26.37 2.07 0.01	24.25 1.92 0.00	28.98 1.92 -2.80
WADING RIVER_IC_1 23522	33.95 2.38 -3.87	31.11 2.67 -0.01	28.04 2.34 -0.02	28.36 2.30 -0.16	29.45 2.40 -0.44	31.55 2.84 -0.02	40.37 3.09 0.00	46.57 4.00 0.00	39.17 3.07 0.00	34.92 3.20 -0.02	36.39 3.21 -2.02	36.96 3.04 -4.18	35.64 3.18 -1.84	36.92 3.37 -1.50	37.02 3.59 -0.16	43.11 4.04 -0.54	49.58 4.69 -6.72	62.01 4.94 -14.05	53.71 4.02 -15.64	49.84 3.35 -19.93	38.98 3.18 -9.71	37.82 2.92 -10.59	34.38 2.52 -9.53	32.88 2.43 -6.19
WADING RIVER_IC_2 23547	33.95 2.38 -3.87	31.11 2.67 -0.01	28.04 2.34 -0.02	28.36 2.30 -0.16	29.45 2.40 -0.44	31.55 2.84 -0.02	40.37 3.09 0.00	46.57 4.00 0.00	39.17 3.07 0.00	34.92 3.20 -0.02	36.39 3.21 -2.02	36.96 3.04 -4.18	35.64 3.18 -1.84	36.92 3.37 -1.50	37.02 3.59 -0.16	43.11 4.04 -0.54	49.58 4.69 -6.72	62.01 4.94 -14.05	53.71 4.02 -15.64	49.84 3.35 -19.93	38.98 3.18 -9.71	37.82 2.92 -10.59	34.38 2.52 -9.53	32.88 2.43 -6.19
WADING RIVER_IC_3 23601	33.95 2.38 -3.87	31.11 2.67 -0.01	28.04 2.34 -0.02	28.36 2.30 -0.16	29.45 2.40 -0.44	31.55 2.84 -0.02	40.37 3.09 0.00	46.57 4.00 0.00	39.17 3.07 0.00	34.92 3.20 -0.02	36.39 3.21 -2.02	36.96 3.04 -4.18	35.64 3.18 -1.84	36.92 3.37 -1.50	37.02 3.59 -0.16	43.11 4.04 -0.54	49.58 4.69 -6.72	62.01 4.94 -14.05	53.71 4.02 -15.64	49.84 3.35 -19.93	38.98 3.18 -9.71	37.82 2.92 -10.59	34.38 2.52 -9.53	32.88 2.43 -6.19
WALDENNY_12_KV_BK2 80841	26.59 -1.11 0.00	26.78 -1.65 0.00	24.70 -0.98 0.00	24.99 -0.91 0.00	25.76 -0.85 0.00	27.97 -0.72 0.00	35.90 -1.38 0.00	40.53 -2.04 0.00	34.37 -1.73 0.00	30.72 -0.98 0.00	30.41 -0.75 0.00	29.27 -0.48 0.00	29.82 -0.80 0.00	31.26 -0.80 0.00	31.77 -1.50 0.00	35.71 -2.89 -0.08	36.25 -2.79 -0.87	40.97 -3.18 -1.14	33.42 -2.35 -1.72	27.39 -1.81 -2.63	25.81 -1.70 -1.42	22.25 -1.85 0.21	20.70 -1.63 0.00	23.18 -1.53 -0.44
WALDEN__HYDRO 24148	29.03 1.33 0.00	29.93 1.51 0.00	26.83 1.16 0.00	27.01 1.11 0.00	27.78 1.17 0.00	30.26 1.58 0.00	39.37 2.09 0.00	45.30 2.72 0.00	38.48 2.38 0.00	33.70 2.00 0.00	33.22 2.06 0.00	31.62 1.87 0.00	32.70 2.08 0.00	34.14 2.08 0.00	35.60 2.33 0.00	41.95 2.89 -0.54	47.71 2.90 -6.64	54.98 3.23 -8.74	49.84 2.62 -13.17	45.21 2.02 -16.63	36.98 1.90 -8.99	25.98 1.68 0.01	23.92 1.59 0.00	28.57 1.53 -2.77
WARRENSBURG____ 23737	29.59 1.88 0.00	30.39 1.96 0.00	27.34 1.67 0.00	27.55 1.66 0.00	28.37 1.76 0.00	30.75 2.07 0.00	40.11 2.83 0.00	45.85 3.28 0.00	38.84 2.74 0.00	33.89 2.19 0.00	33.37 2.21 0.00	31.65 1.91 0.00	32.52 1.90 0.00	34.01 1.96 0.00	35.43 2.16 0.00	41.89 2.74 -0.63	48.70 2.71 -7.82	56.62 3.31 -10.29	52.19 2.62 -15.52	48.16 2.02 -19.58	38.62 1.96 -10.58	35.08 1.65 -9.12	29.47 1.52 -5.62	28.98 1.46 -3.26
WATERSIDE____6 8 9 23538	29.45 1.75 0.00	30.47 2.05 0.00	27.14 1.46 0.00	27.29 1.40 0.00	28.05 1.44 0.00	30.49 1.81 0.00	39.63 2.35 0.00	45.60 3.02 0.00	38.88 2.78 0.00	34.17 2.47 0.00	33.75 2.59 0.00	32.19 2.44 0.00	33.22 2.60 0.00	34.69 2.63 0.00	36.10 2.83 0.00	42.49 3.43 -0.54	48.13 3.24 -6.72	55.46 3.61 -8.84	50.33 2.96 -13.32	45.66 2.28 -16.82	37.29 2.11 -9.09	26.25 1.94 0.01	24.23 1.90 0.00	28.98 1.92 -2.80
WATKINRD_115KV_LN8_ILLION 55919	28.06 0.36 0.00	28.82 0.40 0.00	26.01 0.33 0.00	26.23 0.34 0.00	26.96 0.35 0.00	29.08 0.40 0.00	37.84 0.56 0.00	43.21 0.64 0.00	36.60 0.51 0.00	32.14 0.44 0.00	31.63 0.47 0.00	30.19 0.45 0.00	31.08 0.46 0.00	32.54 0.48 0.00	33.74 0.47 0.00	39.07 0.54 -0.01	38.68 0.42 -0.10	43.57 0.43 -0.13	34.45 0.20 -0.19	26.94 0.13 -0.24	26.32 0.10 -0.13	24.38 0.07 0.00	22.42 0.09 0.00	24.38 0.07 -0.04
WATSON__69_KV_BK 1 55734	34.08 2.55 -3.83	31.34 2.90 -0.01	28.01 2.31 -0.02	28.33 2.28 -0.16	29.42 2.37 -0.44	31.55 2.84 -0.02	40.11 2.83 0.00	46.58 4.00 0.00	39.31 3.21 0.00	35.17 3.46 -0.01	36.64 3.43 -2.06	37.20 3.21 -4.25	35.89 3.40 -1.87	37.08 3.49 -1.53	37.29 3.86 -0.16	43.34 4.28 -0.54	49.43 4.54 -6.73	62.22 5.08 -14.13	53.82 4.09 -15.68	49.78 3.24 -19.98	38.94 3.13 -9.72	29.98 2.87 -2.80	29.56 2.57 -4.65	33.02 2.60 -6.16
WDELAWARE__HYD 323627	29.22 1.52 0.00	30.07 1.65 0.00	27.01 1.33 0.00	27.19 1.29 0.00	28.00 1.38 0.00	30.46 1.78 0.00	39.67 2.39 0.00	45.34 2.77 0.00	38.55 2.46 0.00	33.70 2.00 0.00	33.13 1.96 0.00	31.56 1.81 0.00	32.61 1.99 0.00	34.14 2.08 0.00	35.53 2.26 0.00	41.84 2.81 -0.51	47.31 2.86 -6.28	54.46 3.18 -8.27	49.10 2.59 -12.46	44.26 1.97 -15.73	36.44 1.85 -8.50	33.31 1.68 -7.32	28.35 1.50 -4.52	28.37 1.48 -2.62

WEST BABYLON___IC 23714	33.95 2.49 -3.75	31.25 2.81 -0.01	27.93 2.23 -0.02	28.22 2.18 -0.15	29.30 2.26 -0.43	31.46 2.75 -0.02	40.04 2.76 0.00	46.45 3.87 0.00	39.24 3.14 0.00	35.11 3.39 -0.01	36.56 3.27 -2.12	37.20 3.06 -4.39	35.83 3.28 -1.93	36.97 3.33 -1.58	37.13 3.69 -0.17	43.19 4.12 -0.54	49.20 4.31 -6.73	62.14 4.82 -14.31	53.69 3.88 -15.76	49.70 3.05 -20.08	38.80 2.97 -9.74	29.94 2.75 -2.88	29.39 2.50 -4.56	32.90 2.55 -6.09
WEST CANADA___HYD 24049	27.81 0.11 0.00	28.57 0.14 0.00	25.78 0.10 0.00	26.00 0.10 0.00	26.75 0.13 0.00	28.83 0.14 0.00	37.47 0.19 0.00	42.79 0.21 0.00	36.28 0.18 0.00	31.86 0.16 0.00	31.32 0.16 0.00	29.87 0.12 0.00	30.77 0.15 0.00	32.22 0.16 0.00	33.44 0.17 0.00	38.76 0.23 -0.01	38.42 0.15 -0.10	43.31 0.17 -0.13	34.35 0.10 -0.19	26.88 0.08 -0.24	26.30 0.08 -0.13	24.50 0.07 -0.11	22.45 0.04 -0.07	24.36 0.05 -0.04
WESTERN_NY_WIND 24143	26.62 -1.08 0.00	26.86 -1.56 0.00	24.67 -1.00 0.00	24.99 -0.91 0.00	25.76 -0.85 0.00	27.91 -0.77 0.00	35.94 -1.34 0.00	40.70 -1.87 0.00	34.51 -1.59 0.00	30.75 -0.95 0.00	30.35 -0.81 0.00	29.21 -0.54 0.00	29.79 -0.83 0.00	31.19 -0.87 0.00	31.77 -1.50 0.00	36.13 -2.47 -0.07	36.69 -2.29 -0.82	41.59 -2.49 -1.07	34.07 -1.60 -1.62	27.71 -1.17 -2.32	26.22 -1.12 -1.25	22.92 -1.26 0.13	21.24 -1.09 0.00	23.68 -0.97 -0.39
WESTOVER___LESR 323668	28.06 0.36 0.00	28.68 0.26 0.00	26.01 0.33 0.00	26.26 0.36 0.00	27.01 0.40 0.00	29.23 0.54 0.00	37.95 0.67 0.00	43.30 0.72 0.00	36.64 0.54 0.00	32.30 0.60 0.00	31.78 0.62 0.00	30.37 0.62 0.00	31.20 0.58 0.00	32.67 0.61 0.00	33.77 0.50 0.00	39.01 0.31 -0.18	40.73 0.38 -2.19	46.41 0.52 -2.88	38.87 0.48 -4.34	32.46 0.35 -5.55	29.40 0.31 -3.00	24.49 0.22 0.04	22.51 0.18 0.00	25.36 0.17 -0.92
WETHRSFD_WT_PWR 323626	26.71 -1.00 0.00	27.03 -1.39 0.00	24.83 -0.85 0.00	25.14 -0.75 0.00	25.82 -0.80 0.00	28.14 -0.55 0.00	36.20 -1.08 0.00	41.00 -1.57 0.00	34.51 -1.59 0.00	30.94 -0.76 0.00	30.57 -0.59 0.00	29.39 -0.36 0.00	29.95 -0.67 0.00	31.16 -0.90 0.00	32.01 -1.26 0.00	36.30 -2.31 -0.09	36.92 -2.33 -1.08	41.77 -2.67 -1.42	34.18 -2.01 -2.14	28.01 -1.62 -3.07	26.05 -1.70 -1.66	23.48 -2.09 -1.26	21.34 -1.88 -0.88	23.18 -1.60 -0.51
WHAVSTOR_138KV_BK127 55557	29.06 1.36 0.00	29.96 1.53 0.00	26.83 1.16 0.00	27.01 1.11 0.00	27.78 1.17 0.00	30.29 1.61 0.00	39.37 2.09 0.00	45.30 2.72 0.00	38.48 2.38 0.00	33.79 2.09 0.00	33.28 2.12 0.00	31.74 1.99 0.00	32.79 2.17 0.00	34.24 2.18 0.00	35.67 2.40 0.00	41.99 2.93 -0.53	47.76 2.98 -6.62	55.03 3.31 -8.71	49.90 2.72 -13.12	45.23 2.10 -16.57	37.00 1.96 -8.96	26.03 1.73 0.01	23.96 1.63 0.00	28.60 1.58 -2.76
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	29.06 1.36 0.00	29.96 1.53 0.00	26.83 1.16 0.00	27.01 1.11 0.00	27.78 1.17 0.00	30.29 1.61 0.00	39.37 2.09 0.00	45.30 2.72 0.00	38.48 2.38 0.00	33.79 2.09 0.00	33.28 2.12 0.00	31.74 1.99 0.00	32.79 2.17 0.00	34.24 2.18 0.00	35.67 2.40 0.00	41.99 2.93 -0.53	47.76 2.98 -6.62	55.03 3.31 -8.71	49.90 2.72 -13.12	45.23 2.10 -16.57	37.00 1.96 -8.96	26.03 1.73 0.01	23.96 1.63 0.00	28.60 1.58 -2.76
WHITEHAL_115KV_TB1 80871	30.11 2.41 0.00	30.93 2.50 0.00	27.81 2.13 0.00	28.02 2.12 0.00	28.85 2.24 0.00	31.35 2.67 0.00	40.93 3.65 0.00	46.75 4.17 0.00	39.53 3.43 0.00	34.43 2.73 0.00	33.97 2.80 0.00	32.19 2.44 0.00	33.04 2.42 0.00	34.53 2.47 0.00	35.97 2.69 0.00	42.58 3.43 -0.63	49.38 3.40 -7.82	57.56 4.26 -10.28	52.93 3.37 -15.50	48.72 2.60 -19.56	39.19 2.53 -10.57	26.43 2.12 0.00	24.19 1.85 0.00	29.32 1.80 -3.26
WHITEPLN_13_KV_LOAD 356215	29.39 1.69 0.00	30.33 1.90 0.00	27.11 1.44 0.00	27.29 1.40 0.00	28.10 1.49 0.00	30.63 1.95 0.00	39.85 2.57 0.00	45.89 3.32 0.00	39.02 2.92 0.00	34.27 2.57 0.00	33.78 2.62 0.00	32.21 2.47 0.00	33.28 2.66 0.00	34.78 2.72 0.00	36.20 2.93 0.00	42.61 3.54 -0.54	48.42 3.55 -6.71	55.76 3.91 -8.83	50.56 3.20 -13.30	45.80 2.44 -16.80	37.41 2.24 -9.08	26.32 2.02 0.01	24.21 1.88 0.00	28.91 1.84 -2.80
WM_FLOYD_69_KV_BK2 356380	33.98 2.41 -3.87	31.28 2.84 -0.01	27.96 2.26 -0.02	28.28 2.23 -0.16	29.37 2.32 -0.44	31.46 2.75 -0.02	39.92 2.65 0.00	46.45 3.87 0.00	39.02 2.92 0.00	34.92 3.20 -0.02	36.43 3.24 -2.03	36.96 3.03 -4.18	35.68 3.22 -1.84	36.86 3.30 -1.50	37.22 3.79 -0.16	43.07 4.01 -0.54	49.43 4.54 -6.72	61.97 4.90 -14.06	53.68 3.98 -15.65	49.73 3.24 -19.93	38.88 3.08 -9.71	29.87 2.80 -2.76	29.53 2.50 -4.70	32.93 2.48 -6.19
WOODARD___115KV_TB2 355635	27.34 -0.36 0.00	28.00 -0.43 0.00	25.34 -0.33 0.00	25.56 -0.34 0.00	26.29 -0.32 0.00	28.25 -0.43 0.00	36.68 -0.60 0.00	41.94 -0.64 0.00	35.56 -0.54 0.00	31.32 -0.38 0.00	30.79 -0.37 0.00	29.42 -0.33 0.00	30.25 -0.37 0.00	31.67 -0.38 0.00	32.77 -0.50 0.00	37.88 -0.69 -0.05	38.19 -0.61 -0.63	43.20 -0.65 -0.83	34.83 -0.48 -1.26	27.78 -0.37 -1.59	26.58 -0.37 -0.86	24.02 -0.29 0.00	22.07 -0.27 0.00	24.29 -0.24 -0.26
YORK___WARBASSE 23770	29.64 1.94 0.00	30.68 2.25 -0.01	27.29 1.62 0.00	27.45 1.55 0.00	28.21 1.60 0.00	30.63 1.95 0.00	39.81 2.53 0.00	45.77 3.19 0.00	38.99 2.89 0.00	34.27 2.57 0.00	33.84 2.68 0.00	32.27 2.53 0.00	33.35 2.73 0.00	34.81 2.76 0.00	36.23 2.96 0.00	42.65 3.58 -0.54	48.32 3.43 -6.72	55.68 3.83 -8.84	50.50 3.13 -13.32	45.80 2.42 -16.82	37.37 2.19 -9.09	26.37 2.07 0.01	24.34 2.01 0.00	29.13 2.06 -2.80