

Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$															--- Marginal Cost of Losses															--- Marginal Cost of Congestion										06/01/2023		
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00																			
59TH STREET_GT_1	24138	21.40	20.03	19.24	19.09	19.00	19.27	22.82	25.02	25.89	26.20	29.49	30.62	31.80	33.94	36.72	41.12	46.32	64.23	61.71	52.06	46.72	39.11	32.45	29.13																			
		1.19	1.04	1.00	1.03	1.04	1.04	1.27	1.53	1.63	1.83	1.98	2.37	2.36	2.24	2.02	2.38	2.51	3.59	3.11	2.03	1.63	1.42	1.67	1.75																			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.49	-3.21	-6.52	-5.81	-13.96	-13.56	-17.89	-15.36	-9.91	-2.94	-0.03																			
74TH STREET_GT_1	24260	21.39	20.05	19.24	19.18	19.02	19.27	22.80	24.98	25.99	26.18	29.46	30.67	31.86	34.06	36.82	41.12	46.40	64.19	61.58	52.12	46.72	39.14	32.48	29.13																			
		1.17	1.06	1.00	1.12	1.06	1.04	1.25	1.48	1.72	1.80	1.95	2.43	2.41	2.36	2.11	2.38	2.58	3.55	2.97	2.09	1.63	1.44	1.70	1.75																			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.49	-3.21	-6.52	-5.81	-13.95	-13.55	-17.89	-15.36	-9.91	-2.94	-0.03																			
74TH STREET_GT_2	24261	21.39	20.05	19.24	19.18	19.02	19.27	22.80	24.98	25.99	26.18	29.46	30.67	31.86	34.06	36.82	41.12	46.40	64.19	61.58	52.12	46.72	39.14	32.48	29.13																			
		1.17	1.06	1.00	1.12	1.06	1.04	1.25	1.48	1.72	1.80	1.95	2.43	2.41	2.36	2.11	2.38	2.58	3.55	2.97	2.09	1.63	1.44	1.70	1.75																			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.49	-3.21	-6.52	-5.81	-13.95	-13.55	-17.89	-15.36	-9.91	-2.94	-0.03																			
ADK HUDSON___FALLS	24011	21.39	20.05	19.24	19.09	18.96	19.26	22.82	24.91	25.75	25.79	29.02	30.28	31.65	37.38	43.92	54.58	58.90	91.92	89.05	87.54	77.46	59.34	38.85	29.73																			
		1.17	1.06	1.00	1.03	1.01	1.02	1.27	1.41	1.48	1.41	1.51	2.03	2.21	2.45	2.68	2.58	3.27	4.48	4.41	3.15	2.88	2.61	2.42	2.30																			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.71	-9.76	-19.80	-17.63	-40.75	-39.58	-52.25	-44.86	-28.94	-8.59	-0.08																			
ADK RESOURCE___RCVRY	23798	21.51	20.15	19.31	19.16	19.05	19.35	22.95	25.07	25.87	25.93	29.21	30.47	31.88	37.69	44.34	55.01	59.42	92.62	89.72	88.17	77.94	59.77	39.19	30.01																			
		1.29	1.16	1.08	1.10	1.10	1.11	1.40	1.57	1.60	1.56	1.71	2.23	2.44	2.75	3.05	2.93	3.73	5.04	4.96	3.60	3.21	2.94	2.73	2.57																			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.73	-9.79	-19.87	-17.69	-40.89	-39.72	-52.43	-45.01	-29.04	-8.62	-0.08																			
ADK S GLENS___FALLS	24028	21.39	20.05	19.24	19.09	18.96	19.26	22.82	24.91	25.75	25.79	29.02	30.28	31.65	37.38	43.92	54.58	58.90	91.92	89.05	87.54	77.46	59.34	38.85	29.73																			
		1.17	1.06	1.00	1.03	1.01	1.02	1.27	1.41	1.48	1.41	1.51	2.03	2.21	2.45	2.68	2.58	3.27	4.48	4.41	3.15	2.88	2.61	2.42	2.30																			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.71	-9.76	-19.80	-17.63	-40.75	-39.58	-52.25	-44.86	-28.94	-8.59	-0.08																			
ADK_NYS___DAM	23527	21.28	20.01	19.24	19.07	18.96	19.22	22.71	24.74	25.51	25.66	28.96	30.11	31.30	35.95	41.28	50.17	54.49	82.45	79.82	76.37	67.84	52.88	36.57	29.20																			
		1.07	1.02	1.00	1.01	1.01	0.98	1.16	1.24	1.24	1.29	1.46	1.86	1.86	1.96	1.99	2.13	2.40	2.71	2.66	1.83	1.72	1.61	1.76	1.78																			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.77	-7.80	-15.83	-14.10	-33.06	-32.11	-42.39	-36.40	-23.48	-6.97	-0.07																			
AIR_PRODUCTS___DRP	24190	20.52	19.35	18.62	18.47	18.35	18.56	21.94	23.83	24.58	24.69	27.89	29.00	30.18	34.30	38.76	46.14	50.57	75.62	73.11	68.64	61.07	48.19	34.39	28.12																			
		0.30	0.36	0.38	0.42	0.40	0.33	0.39	0.33	0.32	0.32	0.39	0.76	0.74	0.79	0.82	0.84	0.91	1.03	0.95	0.71	0.62	0.58	0.67	0.71																			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.29	-6.45	-13.09	-11.66	-27.91	-27.11	-35.79	-30.73	-19.82	-5.88	-0.06																			
AKWESSNE_115KV_BK	355683	19.81	18.61	17.87	17.72	17.62	17.83	21.12	23.08	23.88	24.01	27.12	27.59	28.73	29.31	30.48	31.05	36.64	45.33	43.79	31.11	28.98	27.29	27.29	26.86																			
		-0.40	-0.38	-0.36	-0.34	-0.34	-0.40	-0.43	-0.42	-0.39	-0.37	-0.39	-0.65	-0.71	-0.91	-1.01	-1.16	-1.37	-1.35	-1.26	-1.03	-0.74	-0.50	-0.56	-0.49																			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00																			
ALBANY___1	23571	20.52	19.35	18.62	18.47	18.35	18.56	21.94	23.83	24.58	24.69	27.89	29.00	30.18	34.30	38.76	46.14	50.57	75.62	73.11	68.64	61.07	48.19	34.39	28.12																			
		0.30	0.36	0.38	0.42	0.40	0.33	0.39	0.33	0.32	0.32	0.39	0.76	0.74	0.79	0.82	0.84	0.91	1.03	0.95	0.71	0.62	0.58	0.67	0.71																			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.29	-6.45	-13.09	-11.66	-27.91	-27.11	-35.79	-30.73	-19.82	-5.88	-0.06																			
ALBANY___2	23572	20.52	19.35	18.62	18.47	18.35	18.56	21.94	23.83	24.58	24.69	27.89	29.00	30.18	34.30	38.76	46.14	50.57	75.62	73.11	68.64	61.07	48.19	34.39	28.12																			
		0.30	0.36	0.38	0.42	0.40	0.33	0.39	0.33	0.32	0.32	0.39	0.76	0.74	0.79	0.82	0.84	0.91	1.03	0.95	0.71	0.62	0.58	0.67	0.71																			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.29	-6.45	-13.09	-11.66	-27.91	-27.11	-35.79	-30.73	-19.82	-5.88	-0.06																			
ALBANY___3	23573	20.52	19.35	18.62	18.47	18.35	18.56	21.94	23.83	24.58	24.69	27.89	29.00	30.18	34.30	38.76	46.14	50.57	75.62	73.11	68.64	61.07	48.19	34.39	28.12																			
		0.30	0.36	0.38	0.42	0.40	0.33	0.39	0.33	0.32	0.32	0.39	0.76	0.74	0.79	0.82	0.84	0.91	1.03	0.95	0.71	0.62	0.58	0.67	0.71																			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.29	-6.45	-13.09	-11.66	-27.91	-27.11	-35.79	-30.73	-19.82	-5.88	-0.06																			

ALBANY___4 23574	20.52 0.30 0.00	19.35 0.36 0.00	18.62 0.38 0.00	18.47 0.42 0.00	18.35 0.40 0.00	18.56 0.33 0.00	21.94 0.39 0.00	23.83 0.33 0.00	24.58 0.32 0.00	24.69 0.32 0.00	27.89 0.39 0.00	29.00 0.76 0.00	30.18 0.74 0.00	34.30 0.79 -3.29	38.76 0.82 -6.45	46.14 0.84 -13.09	50.57 0.91 -11.66	75.62 1.03 -27.91	73.11 0.95 -27.11	68.64 0.71 -35.79	61.07 0.62 -30.73	48.19 0.58 -19.82	34.39 0.67 -5.88	28.12 0.71 -0.06
ALBANY___LFGE 323615	20.72 0.51 0.00	19.50 0.51 0.00	18.78 0.55 0.00	18.62 0.56 0.00	18.52 0.56 0.00	18.74 0.51 0.00	22.11 0.56 0.00	24.06 0.56 0.00	24.80 0.53 0.00	24.96 0.58 0.00	28.19 0.69 0.00	29.32 1.07 0.00	30.56 1.12 0.00	35.12 1.21 -3.69	40.20 1.29 -7.42	48.58 1.32 -15.05	52.88 1.48 -13.40	80.05 1.77 -31.59	77.40 1.67 -30.69	73.84 1.19 -40.51	65.57 1.07 -34.78	51.19 0.97 -22.43	35.53 1.03 -6.66	28.46 1.04 -0.06
ALCOA_PA_115KV_PL-6C 55860	19.91 -0.30 0.00	18.70 -0.28 0.00	17.98 -0.26 0.00	17.81 -0.25 0.00	17.71 -0.25 0.00	17.92 -0.31 0.00	21.22 -0.32 0.00	23.19 -0.31 0.00	24.00 -0.27 0.00	24.15 -0.22 0.00	27.29 -0.22 0.00	27.76 -0.48 0.00	28.91 -0.53 0.00	29.19 -1.03 0.00	30.33 -1.17 0.00	30.89 -1.32 0.00	36.45 -1.56 0.00	45.56 -1.12 0.00	44.01 -1.04 0.00	30.99 -1.16 0.00	29.07 -0.65 0.00	27.42 -0.36 0.00	27.45 -0.39 0.00	27.05 -0.30 0.00
ALCOA_RYNLDS___DRP 24188	19.91 -0.30 0.00	18.70 -0.28 0.00	17.98 -0.26 0.00	17.81 -0.25 0.00	17.71 -0.25 0.00	17.92 -0.31 0.00	21.22 -0.32 0.00	23.19 -0.31 0.00	24.00 -0.27 0.00	24.15 -0.22 0.00	27.29 -0.22 0.00	27.76 -0.48 0.00	28.91 -0.53 0.00	29.19 -1.03 0.00	30.33 -1.17 0.00	30.89 -1.32 0.00	36.45 -1.56 0.00	45.56 -1.12 0.00	44.01 -1.04 0.00	30.99 -1.16 0.00	29.07 -0.65 0.00	27.42 -0.36 0.00	27.45 -0.39 0.00	27.05 -0.30 0.00
ALCOA___DSASP 323711	19.91 -0.30 0.00	18.70 -0.28 0.00	17.98 -0.26 0.00	17.81 -0.25 0.00	17.71 -0.25 0.00	17.92 -0.31 0.00	21.22 -0.32 0.00	23.19 -0.31 0.00	24.00 -0.27 0.00	24.15 -0.22 0.00	27.29 -0.22 0.00	27.76 -0.48 0.00	28.88 -0.56 0.00	29.16 -1.06 0.00	30.33 -1.16 0.00	30.92 -1.29 0.00	36.48 -1.52 0.00	45.56 -1.12 0.00	43.97 -1.08 0.00	30.95 -1.19 0.00	29.01 -0.71 0.00	27.42 -0.36 0.00	27.43 -0.42 0.00	27.05 -0.30 0.00
ALLEGHENY___COGEN 23514	21.67 1.46 0.00	20.24 1.25 0.00	19.31 1.08 0.00	19.05 0.99 0.00	18.96 1.01 0.00	19.55 1.31 0.00	22.78 1.23 0.00	24.58 1.08 0.00	25.17 0.90 0.00	25.00 0.63 0.00	28.31 0.80 0.00	29.29 1.05 0.00	29.80 0.35 0.00	31.08 0.60 -0.26	33.06 1.01 -0.56	35.22 1.87 -1.14	41.61 2.59 -1.02	51.65 2.52 -2.44	50.08 2.66 -2.37	37.56 2.28 -3.13	34.16 1.75 -2.69	30.85 1.33 -1.73	29.72 1.36 -0.51	28.48 1.12 0.00
ALTAMONT_115KV_TB 2 55880	20.78 0.57 0.00	19.56 0.57 0.00	18.80 0.57 0.00	18.65 0.60 0.00	18.53 0.57 0.00	18.76 0.53 0.00	22.11 0.56 0.00	24.02 0.52 0.00	24.83 0.56 0.00	24.93 0.56 0.00	28.14 0.63 0.00	29.20 0.96 0.00	30.35 0.91 0.00	34.03 0.94 -2.87	37.73 0.94 -5.29	43.98 1.03 -10.75	48.67 1.10 -9.57	73.45 1.54 -25.22	70.99 1.44 -24.50	65.54 1.06 -32.34	58.47 0.98 -27.77	46.59 0.89 -17.91	34.13 0.97 -5.32	28.39 0.98 -0.05
ALTONA_WT_PWR 323606	20.36 0.14 0.00	19.10 0.11 0.00	18.31 0.07 0.00	18.15 0.09 0.00	18.05 0.09 0.00	18.29 0.05 0.00	21.72 0.17 0.00	23.78 0.28 0.00	24.71 0.44 0.00	24.88 0.51 0.00	28.14 0.63 0.00	28.58 0.34 0.00	29.82 0.38 0.00	30.49 0.27 0.00	31.68 0.19 0.00	32.34 0.13 0.00	38.27 0.27 0.00	47.34 0.65 0.00	45.68 0.63 0.00	32.56 0.42 0.00	30.11 0.39 0.00	28.29 0.50 0.00	28.15 0.31 0.00	27.74 0.38 0.00
AMERICAN_REF_FUEL 24010	20.33 0.12 0.00	19.03 0.04 0.00	18.15 -0.09 0.00	17.90 -0.16 0.00	17.76 -0.20 0.00	18.33 0.09 0.00	21.33 -0.22 0.00	23.03 -0.47 0.00	23.91 -0.36 0.00	23.81 -0.56 0.00	26.93 -0.58 0.00	27.93 -0.31 0.00	29.29 -0.15 0.00	30.75 0.30 -0.23	32.59 0.60 -0.50	33.94 0.71 -1.02	40.17 1.25 -0.91	49.71 0.84 -2.18	48.34 1.17 -2.12	35.78 0.83 -2.80	32.21 0.09 -2.40	29.06 -0.28 -1.55	28.14 -0.17 -0.46	27.20 -0.16 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	21.38 1.17 0.00	20.11 1.12 0.00	19.15 0.91 0.00	18.87 0.81 0.00	18.71 0.75 0.00	19.42 1.18 0.00	22.82 1.27 0.00	24.84 1.34 0.00	25.87 1.60 0.00	25.74 1.36 0.00	29.02 1.51 0.00	30.05 1.81 0.00	31.56 2.12 0.00	33.33 2.84 -0.27	35.33 3.24 -0.59	36.76 3.35 -1.21	43.41 4.33 -1.07	53.41 4.15 -2.57	51.78 4.23 -2.50	38.56 3.12 -3.30	34.55 1.99 -2.83	31.14 1.53 -1.83	29.83 1.45 -0.54	28.53 1.18 -0.01
ARTHUR_KILL_GT_1 23520	21.58 1.35 -0.01	20.21 1.22 0.00	19.39 1.15 0.00	19.26 1.19 -0.01	19.19 1.22 -0.01	19.31 1.08 0.00	22.73 1.18 0.00	24.88 1.39 0.00	25.75 1.48 0.00	26.08 1.71 0.00	29.35 1.84 0.00	30.50 2.26 0.00	31.41 1.97 0.01	33.60 1.90 -1.48	36.30 1.61 -3.21	40.66 1.93 -6.52	45.78 1.97 -5.80	63.62 2.99 -13.95	61.03 2.43 -13.55	51.60 1.57 -17.89	46.32 1.25 -15.35	38.86 1.17 -9.91	32.59 1.81 -2.94	29.33 1.94 -0.04
ARTHUR_KILL_2 23512	21.52 1.29 -0.01	20.17 1.18 0.00	19.35 1.11 0.00	19.20 1.14 -0.01	19.15 1.19 -0.01	19.27 1.04 0.00	22.67 1.12 0.00	24.81 1.32 0.00	25.68 1.41 0.00	26.00 1.63 0.00	29.29 1.79 0.00	30.42 2.17 0.00	31.32 1.89 0.01	33.51 1.81 -1.48	36.21 1.51 -3.21	40.56 1.83 -6.52	45.63 1.82 -5.80	63.48 2.85 -13.95	60.85 2.25 -13.55	51.48 1.45 -17.89	46.20 1.13 -15.35	38.78 1.08 -9.91	32.51 1.73 -2.94	29.28 1.89 -0.04
ARTHUR_KILL_3 23513	21.12 0.91 0.00	19.80 0.82 0.00	19.02 0.78 0.00	18.87 0.81 0.00	18.79 0.83 0.00	19.06 0.82 0.00	22.54 0.99 0.00	24.72 1.22 0.00	25.60 1.33 0.00	25.88 1.51 0.00	29.13 1.62 0.00	30.25 2.01 0.00	31.38 1.94 0.00	33.52 1.81 -1.49	36.22 1.51 -3.21	40.60 1.87 -6.52	45.71 1.90 -5.81	63.44 2.80 -13.96	60.90 2.30 -13.56	51.55 1.51 -17.89	46.30 1.22 -15.36	38.69 1.00 -9.91	32.09 1.31 -2.94	28.80 1.42 -0.03
ARTHUR_KILL_COGEN 323718	21.58 1.35 -0.01	20.21 1.22 0.00	19.39 1.15 0.00	19.26 1.19 -0.01	19.19 1.22 -0.01	19.31 1.08 0.00	22.73 1.18 0.00	24.88 1.39 0.00	25.75 1.48 0.00	26.08 1.71 0.00	29.35 1.84 0.00	30.50 2.26 0.00	31.41 1.97 0.01	33.60 1.90 -1.48	36.30 1.61 -3.21	40.66 1.93 -6.52	45.78 1.97 -5.80	63.62 2.99 -13.95	61.03 2.43 -13.55	51.60 1.57 -17.89	46.32 1.25 -15.35	38.86 1.17 -9.91	32.59 1.81 -2.94	29.33 1.94 -0.04
ASHOKAN____ 23654	20.88 0.67 0.00	19.60 0.61 0.00	18.86 0.62 0.00	18.69 0.63 0.00	18.57 0.61 0.00	18.80 0.57 0.00	22.11 0.56 0.00	24.09 0.59 0.00	24.78 0.51 0.00	24.91 0.54 0.00	28.06 0.55 0.00	29.51 1.27 0.00	30.59 1.15 0.00	33.20 0.64 -2.35	36.91 0.75 -4.67	42.58 0.90 -9.47	47.50 1.06 -8.43	68.77 1.73 -20.36	66.49 1.67 -19.77	59.53 1.29 -26.10	53.11 0.98 -22.41	42.91 0.67 -14.46	32.72 0.59 -4.29	28.35 0.96 -0.04

ASTORIA_EAST_ENERGY_CC1 323581	21.39 1.17 -0.01	20.04 1.04 -0.01	19.23 0.98 -0.01	19.10 1.03 -0.01	19.03 1.06 -0.01	19.18 0.95 0.00	22.44 0.90 0.01	24.62 1.13 0.01	25.55 1.29 0.01	25.85 1.49 0.01	29.12 1.62 0.01	30.24 2.01 0.01	31.38 1.94 0.01	33.51 1.81 -1.48	36.21 1.51 -3.21	40.56 1.83 -6.52	45.59 1.79 -5.80	63.38 2.75 -13.95	60.80 2.21 -13.55	51.44 1.41 -17.89	46.18 1.10 -15.35	38.60 0.92 -9.90	32.40 1.61 -2.94	29.14 1.75 -0.04
ASTORIA_EAST_ENERGY_CC2 323582	21.39 1.17 -0.01	20.04 1.04 -0.01	19.23 0.98 -0.01	19.10 1.03 -0.01	19.03 1.06 -0.01	19.18 0.95 0.00	22.44 0.90 0.01	24.62 1.13 0.01	25.55 1.29 0.01	25.85 1.49 0.01	29.12 1.62 0.01	30.24 2.01 0.01	31.38 1.94 0.01	33.51 1.81 -1.48	36.21 1.51 -3.21	40.56 1.83 -6.52	45.59 1.79 -5.80	63.38 2.75 -13.95	60.80 2.21 -13.55	51.44 1.41 -17.89	46.18 1.10 -15.35	38.60 0.92 -9.90	32.40 1.61 -2.94	29.14 1.75 -0.04
ASTORIA_GT2_1 24094	21.41 1.19 0.00	20.03 1.04 0.00	19.22 0.98 0.00	19.17 1.10 -0.01	19.03 1.06 -0.01	19.18 0.95 0.00	22.47 0.93 0.01	24.65 1.15 0.00	25.70 1.43 0.00	25.88 1.51 0.00	29.13 1.62 0.00	30.33 2.09 0.00	31.47 2.03 0.00	33.67 1.96 -1.49	36.41 1.70 -3.21	40.63 1.90 -6.52	45.75 1.94 -5.81	63.44 2.80 -13.95	60.81 2.21 -13.55	51.55 1.51 -17.89	46.21 1.13 -15.36	38.67 0.97 -9.91	32.43 1.64 -2.94	29.11 1.72 -0.04
ASTORIA_GT2_2 24095	21.41 1.19 0.00	20.03 1.04 0.00	19.22 0.98 0.00	19.17 1.10 -0.01	19.03 1.06 -0.01	19.18 0.95 0.00	22.47 0.93 0.01	24.65 1.15 0.00	25.70 1.43 0.00	25.88 1.51 0.00	29.13 1.62 0.00	30.33 2.09 0.00	31.47 2.03 0.00	33.67 1.96 -1.49	36.41 1.70 -3.21	40.63 1.90 -6.52	45.75 1.94 -5.81	63.44 2.80 -13.95	60.81 2.21 -13.55	51.55 1.51 -17.89	46.21 1.13 -15.36	38.67 0.97 -9.91	32.43 1.64 -2.94	29.11 1.72 -0.04
ASTORIA_GT2_3 24096	21.41 1.19 0.00	20.03 1.04 0.00	19.22 0.98 0.00	19.17 1.10 -0.01	19.03 1.06 -0.01	19.18 0.95 0.00	22.47 0.93 0.01	24.65 1.15 0.00	25.70 1.43 0.00	25.88 1.51 0.00	29.13 1.62 0.00	30.33 2.09 0.00	31.47 2.03 0.00	33.67 1.96 -1.49	36.41 1.70 -3.21	40.63 1.90 -6.52	45.75 1.94 -5.81	63.44 2.80 -13.95	60.81 2.21 -13.55	51.55 1.51 -17.89	46.21 1.13 -15.36	38.67 0.97 -9.91	32.43 1.64 -2.94	29.11 1.72 -0.04
ASTORIA_GT2_4 24097	21.41 1.19 0.00	20.03 1.04 0.00	19.22 0.98 0.00	19.17 1.10 -0.01	19.03 1.06 -0.01	19.18 0.95 0.00	22.47 0.93 0.01	24.65 1.15 0.00	25.70 1.43 0.00	25.88 1.51 0.00	29.13 1.62 0.00	30.33 2.09 0.00	31.47 2.03 0.00	33.67 1.96 -1.49	36.41 1.70 -3.21	40.63 1.90 -6.52	45.75 1.94 -5.81	63.44 2.80 -13.95	60.81 2.21 -13.55	51.55 1.51 -17.89	46.21 1.13 -15.36	38.67 0.97 -9.91	32.43 1.64 -2.94	29.11 1.72 -0.04
ASTORIA_GT3_1 24098	21.41 1.19 0.00	20.03 1.04 0.00	19.22 0.98 0.00	19.17 1.10 -0.01	19.03 1.06 -0.01	19.18 0.95 0.00	22.47 0.93 0.01	24.65 1.15 0.00	25.70 1.43 0.00	25.88 1.51 0.00	29.13 1.62 0.00	30.33 2.09 0.00	31.47 2.03 0.00	33.67 1.96 -1.49	36.41 1.70 -3.21	40.63 1.90 -6.52	45.75 1.94 -5.81	63.44 2.80 -13.95	60.81 2.21 -13.55	51.55 1.51 -17.89	46.21 1.13 -15.36	38.67 0.97 -9.91	32.43 1.64 -2.94	29.11 1.72 -0.04
ASTORIA_GT3_2 24099	21.41 1.19 0.00	20.03 1.04 0.00	19.22 0.98 0.00	19.17 1.10 -0.01	19.03 1.06 -0.01	19.18 0.95 0.00	22.47 0.93 0.01	24.65 1.15 0.00	25.70 1.43 0.00	25.88 1.51 0.00	29.13 1.62 0.00	30.33 2.09 0.00	31.47 2.03 0.00	33.67 1.96 -1.49	36.41 1.70 -3.21	40.63 1.90 -6.52	45.75 1.94 -5.81	63.44 2.80 -13.95	60.81 2.21 -13.55	51.55 1.51 -17.89	46.21 1.13 -15.36	38.67 0.97 -9.91	32.43 1.64 -2.94	29.11 1.72 -0.04
ASTORIA_GT3_3 24100	21.41 1.19 0.00	20.03 1.04 0.00	19.22 0.98 0.00	19.17 1.10 -0.01	19.03 1.06 -0.01	19.18 0.95 0.00	22.47 0.93 0.01	24.65 1.15 0.00	25.70 1.43 0.00	25.88 1.51 0.00	29.13 1.62 0.00	30.33 2.09 0.00	31.47 2.03 0.00	33.67 1.96 -1.49	36.41 1.70 -3.21	40.63 1.90 -6.52	45.75 1.94 -5.81	63.44 2.80 -13.95	60.81 2.21 -13.55	51.55 1.51 -17.89	46.21 1.13 -15.36	38.67 0.97 -9.91	32.43 1.64 -2.94	29.11 1.72 -0.04
ASTORIA_GT3_4 24101	21.41 1.19 0.00	20.03 1.04 0.00	19.22 0.98 0.00	19.17 1.10 -0.01	19.03 1.06 -0.01	19.18 0.95 0.00	22.47 0.93 0.01	24.65 1.15 0.00	25.70 1.43 0.00	25.88 1.51 0.00	29.13 1.62 0.00	30.33 2.09 0.00	31.47 2.03 0.00	33.67 1.96 -1.49	36.41 1.70 -3.21	40.63 1.90 -6.52	45.75 1.94 -5.81	63.44 2.80 -13.95	60.81 2.21 -13.55	51.55 1.51 -17.89	46.21 1.13 -15.36	38.67 0.97 -9.91	32.43 1.64 -2.94	29.11 1.72 -0.04
ASTORIA_GT4_1 24102	21.41 1.19 0.00	20.03 1.04 0.00	19.22 0.98 0.00	19.17 1.10 -0.01	19.03 1.06 -0.01	19.18 0.95 0.00	22.47 0.93 0.01	24.65 1.15 0.00	25.70 1.43 0.00	25.88 1.51 0.00	29.13 1.62 0.00	30.33 2.09 0.00	31.47 2.03 0.00	33.67 1.96 -1.49	36.41 1.70 -3.21	40.63 1.90 -6.52	45.75 1.94 -5.81	63.44 2.80 -13.95	60.81 2.21 -13.55	51.55 1.51 -17.89	46.21 1.13 -15.36	38.67 0.97 -9.91	32.43 1.64 -2.94	29.11 1.72 -0.04
ASTORIA_GT4_2 24103	21.41 1.19 0.00	20.03 1.04 0.00	19.22 0.98 0.00	19.17 1.10 -0.01	19.03 1.06 -0.01	19.18 0.95 0.00	22.47 0.93 0.01	24.65 1.15 0.00	25.70 1.43 0.00	25.88 1.51 0.00	29.13 1.62 0.00	30.33 2.09 0.00	31.47 2.03 0.00	33.67 1.96 -1.49	36.41 1.70 -3.21	40.63 1.90 -6.52	45.75 1.94 -5.81	63.44 2.80 -13.95	60.81 2.21 -13.55	51.55 1.51 -17.89	46.21 1.13 -15.36	38.67 0.97 -9.91	32.43 1.64 -2.94	29.11 1.72 -0.04
ASTORIA_GT4_3 24104	21.41 1.19 0.00	20.03 1.04 0.00	19.22 0.98 0.00	19.17 1.10 -0.01	19.03 1.06 -0.01	19.18 0.95 0.00	22.47 0.93 0.01	24.65 1.15 0.00	25.70 1.43 0.00	25.88 1.51 0.00	29.13 1.62 0.00	30.33 2.09 0.00	31.47 2.03 0.00	33.67 1.96 -1.49	36.41 1.70 -3.21	40.63 1.90 -6.52	45.75 1.94 -5.81	63.44 2.80 -13.95	60.81 2.21 -13.55	51.55 1.51 -17.89	46.21 1.13 -15.36	38.67 0.97 -9.91	32.43 1.64 -2.94	29.11 1.72 -0.04
ASTORIA_GT4_4 24105	21.41 1.19 0.00	20.03 1.04 0.00	19.22 0.98 0.00	19.17 1.10 -0.01	19.03 1.06 -0.01	19.18 0.95 0.00	22.47 0.93 0.01	24.65 1.15 0.00	25.70 1.43 0.00	25.88 1.51 0.00	29.13 1.62 0.00	30.33 2.09 0.00	31.47 2.03 0.00	33.67 1.96 -1.49	36.41 1.70 -3.21	40.63 1.90 -6.52	45.75 1.94 -5.81	63.44 2.80 -13.95	60.81 2.21 -13.55	51.55 1.51 -17.89	46.21 1.13 -15.36	38.67 0.97 -9.91	32.43 1.64 -2.94	29.11 1.72 -0.04
ASTORIA_GT_1 23523	21.43 1.21 -0.01	20.08 1.08 -0.01	19.27 1.02 -0.01	19.11 1.05 -0.01	19.06 1.10 -0.01	19.22 0.98 0.00	22.49 0.95 0.01	24.66 1.17 0.01	25.62 1.36 0.01	25.92 1.56 0.01	29.18 1.68 0.01	30.30 2.06 0.01	31.46 2.03 0.01	33.60 1.90 -1.48	36.30 1.61 -3.21	40.62 1.90 -6.52	45.70 1.90 -5.80	63.53 2.90 -13.95	60.89 2.30 -13.55	51.54 1.51 -17.89	46.27 1.19 -15.35	38.69 1.00 -9.90	32.45 1.67 -2.94	29.20 1.80 -0.04

ASTORIA_GT_10 24110	21.34 1.13 0.00	20.00 1.01 0.00	19.20 0.97 0.00	19.12 1.07 0.00	19.00 1.04 0.00	19.20 0.97 0.00	22.62 1.08 0.00	24.79 1.29 0.00	25.82 1.55 0.00	25.98 1.61 0.00	29.27 1.76 0.00	30.47 2.23 0.00	31.62 2.18 0.00	33.82 2.12 -1.49	36.57 1.86 -3.21	40.76 2.03 -6.52	45.94 2.13 -5.81	63.67 3.03 -13.95	61.04 2.43 -13.55	51.71 1.67 -17.89	46.36 1.28 -15.36	38.86 1.17 -9.91	32.40 1.61 -2.94	29.08 1.70 -0.03
ASTORIA_GT_11 24225	21.34 1.13 0.00	20.00 1.01 0.00	19.20 0.97 0.00	19.12 1.07 0.00	19.00 1.04 0.00	19.20 0.97 0.00	22.62 1.08 0.00	24.79 1.29 0.00	25.82 1.55 0.00	25.98 1.61 0.00	29.27 1.76 0.00	30.47 2.23 0.00	31.62 2.18 0.00	33.82 2.12 -1.49	36.57 1.86 -3.21	40.76 2.03 -6.52	45.94 2.13 -5.81	63.67 3.03 -13.95	61.04 2.43 -13.55	51.71 1.67 -17.89	46.36 1.28 -15.36	38.86 1.17 -9.91	32.40 1.61 -2.94	29.08 1.70 -0.03
ASTORIA_GT_12 24226	21.32 1.11 0.00	19.99 1.01 0.00	19.20 0.97 0.00	19.05 0.99 0.00	19.00 1.04 0.00	19.20 0.97 0.00	22.62 1.08 0.00	24.79 1.29 0.00	25.68 1.41 0.00	25.98 1.61 0.00	29.27 1.76 0.00	30.39 2.15 0.00	31.53 2.09 0.00	33.70 1.99 -1.49	36.41 1.70 -3.21	40.73 2.00 -6.52	45.82 2.01 -5.81	63.67 3.03 -13.96	61.03 2.43 -13.56	51.64 1.61 -17.89	46.36 1.28 -15.36	38.81 1.11 -9.91	32.40 1.61 -2.94	29.08 1.70 -0.03
ASTORIA_GT_13 24227	21.32 1.11 0.00	19.99 1.01 0.00	19.20 0.97 0.00	19.05 0.99 0.00	19.00 1.04 0.00	19.20 0.97 0.00	22.62 1.08 0.00	24.79 1.29 0.00	25.68 1.41 0.00	25.98 1.61 0.00	29.27 1.76 0.00	30.39 2.15 0.00	31.53 2.09 0.00	33.70 1.99 -1.49	36.41 1.70 -3.21	40.73 2.00 -6.52	45.82 2.01 -5.81	63.67 3.03 -13.96	61.03 2.43 -13.56	51.64 1.61 -17.89	46.36 1.28 -15.36	38.81 1.11 -9.91	32.40 1.61 -2.94	29.08 1.70 -0.03
ASTORIA_GT_5 24106	21.43 1.21 -0.01	20.08 1.08 -0.01	19.27 1.02 -0.01	19.11 1.05 -0.01	19.06 1.10 -0.01	19.22 0.98 0.00	22.49 0.95 0.01	24.66 1.17 0.01	25.62 1.36 0.01	25.92 1.56 0.01	29.18 1.68 0.01	30.30 2.06 0.01	31.46 2.03 0.01	33.60 1.90 -1.48	36.30 1.61 -3.21	40.62 1.90 -6.52	45.70 1.90 -5.80	63.53 2.90 -13.95	60.89 2.30 -13.55	51.54 1.51 -17.89	46.27 1.19 -15.35	38.69 1.00 -9.90	32.45 1.67 -2.94	29.20 1.80 -0.04
ASTORIA_GT_7 24107	21.43 1.21 -0.01	20.08 1.08 -0.01	19.27 1.02 -0.01	19.11 1.05 -0.01	19.06 1.10 -0.01	19.22 0.98 0.00	22.49 0.95 0.01	24.66 1.17 0.01	25.62 1.36 0.01	25.92 1.56 0.01	29.18 1.68 0.01	30.30 2.06 0.01	31.46 2.03 0.01	33.60 1.90 -1.48	36.30 1.61 -3.21	40.62 1.90 -6.52	45.70 1.90 -5.80	63.53 2.90 -13.95	60.89 2.30 -13.55	51.54 1.51 -17.89	46.27 1.19 -15.35	38.69 1.00 -9.90	32.45 1.67 -2.94	29.20 1.80 -0.04
ASTORIA_GT_8 24108	21.43 1.21 0.00	20.07 1.08 0.00	19.26 1.02 0.00	19.20 1.14 -0.01	19.06 1.10 -0.01	19.22 0.98 0.00	22.49 0.95 0.01	24.67 1.17 0.00	25.75 1.48 0.00	25.93 1.56 0.00	29.18 1.68 0.00	30.39 2.15 0.00	31.53 2.09 0.00	33.73 2.02 -1.49	36.47 1.76 -3.21	40.70 1.96 -6.52	45.83 2.01 -5.81	63.58 2.94 -13.95	60.90 2.30 -13.55	51.61 1.57 -17.89	46.27 1.19 -15.36	38.72 1.03 -9.91	32.45 1.67 -2.94	29.17 1.78 -0.04
ASTORIA___2 24149	21.39 1.17 -0.01	20.04 1.04 -0.01	19.23 0.98 -0.01	19.10 1.03 -0.01	19.03 1.06 -0.01	19.18 0.95 0.00	22.44 0.90 0.01	24.64 1.15 0.01	25.57 1.31 0.01	25.88 1.51 0.01	29.12 1.62 0.01	30.24 2.01 0.01	31.41 1.97 0.01	33.54 1.84 -1.48	36.24 1.54 -3.21	40.56 1.83 -6.52	45.63 1.82 -5.80	63.43 2.80 -13.95	60.80 2.21 -13.55	51.48 1.45 -17.89	46.20 1.13 -15.35	38.63 0.95 -9.90	32.43 1.64 -2.94	29.14 1.75 -0.04
ASTORIA___3 23516	21.32 1.11 0.00	19.99 1.01 0.00	19.20 0.97 0.00	19.05 0.99 0.00	19.00 1.04 0.00	19.20 0.97 0.00	22.62 1.08 0.00	24.79 1.29 0.00	25.68 1.41 0.00	25.98 1.61 0.00	29.27 1.76 0.00	30.39 2.15 0.00	31.53 2.09 0.00	33.70 1.99 -1.49	36.41 1.70 -3.21	40.73 2.00 -6.52	45.82 2.01 -5.81	63.67 3.03 -13.96	61.03 2.43 -13.56	51.64 1.61 -17.89	46.36 1.28 -15.36	38.81 1.11 -9.91	32.40 1.61 -2.94	29.08 1.70 -0.03
ASTORIA___4 23517	21.34 1.13 0.00	20.00 1.01 0.00	19.20 0.97 0.00	19.12 1.07 0.00	19.00 1.04 0.00	19.20 0.97 0.00	22.62 1.08 0.00	24.79 1.29 0.00	25.82 1.55 0.00	25.98 1.61 0.00	29.27 1.76 0.00	30.47 2.23 0.00	31.62 2.18 0.00	33.82 2.12 -1.49	36.57 1.86 -3.21	40.76 2.03 -6.52	45.94 2.13 -5.81	63.67 3.03 -13.95	61.04 2.43 -13.55	51.71 1.67 -17.89	46.36 1.28 -15.36	38.86 1.17 -9.91	32.40 1.61 -2.94	29.08 1.70 -0.03
ASTORIA___5 23518	21.32 1.11 0.00	19.99 1.01 0.00	19.20 0.97 0.00	19.05 0.99 0.00	19.00 1.04 0.00	19.20 0.97 0.00	22.62 1.08 0.00	24.79 1.29 0.00	25.68 1.41 0.00	25.98 1.61 0.00	29.27 1.76 0.00	30.39 2.15 0.00	31.53 2.09 0.00	33.70 1.99 -1.49	36.41 1.70 -3.21	40.73 2.00 -6.52	45.82 2.01 -5.81	63.67 3.03 -13.96	61.03 2.43 -13.56	51.64 1.61 -17.89	46.36 1.28 -15.36	38.81 1.11 -9.91	32.40 1.61 -2.94	29.08 1.70 -0.03
AST_ENERGY_2_CC3 323677	21.22 1.01 0.00	19.92 0.93 0.00	19.13 0.89 0.00	18.98 0.92 0.00	18.89 0.93 0.00	19.15 0.91 0.00	22.62 1.08 0.00	24.79 1.29 0.00	25.65 1.38 0.00	25.93 1.56 0.00	29.18 1.68 0.00	30.30 2.06 0.00	31.47 2.03 0.00	33.61 1.90 -1.49	36.37 1.67 -3.21	40.73 2.00 -6.52	45.86 2.05 -5.81	63.63 2.99 -13.96	61.08 2.48 -13.56	51.67 1.64 -17.89	46.39 1.31 -15.36	38.84 1.14 -9.91	32.23 1.45 -2.94	28.91 1.53 -0.03
AST_ENERGY_2_CC4 323678	21.22 1.01 0.00	19.92 0.93 0.00	19.13 0.89 0.00	18.98 0.92 0.00	18.89 0.93 0.00	19.15 0.91 0.00	22.62 1.08 0.00	24.79 1.29 0.00	25.65 1.38 0.00	25.93 1.56 0.00	29.18 1.68 0.00	30.30 2.06 0.00	31.47 2.03 0.00	33.61 1.90 -1.49	36.37 1.67 -3.21	40.73 2.00 -6.52	45.86 2.05 -5.81	63.63 2.99 -13.96	61.08 2.48 -13.56	51.67 1.64 -17.89	46.39 1.31 -15.36	38.84 1.14 -9.91	32.23 1.45 -2.94	28.91 1.53 -0.03
ATHENS_STG_1 23668	20.78 0.57 0.00	19.56 0.57 0.00	18.84 0.60 0.00	18.67 0.61 0.00	18.57 0.61 0.00	18.76 0.53 0.00	22.15 0.60 0.00	24.18 0.68 0.00	24.95 0.68 0.00	25.10 0.73 0.00	28.33 0.82 0.00	29.34 1.10 0.00	30.56 1.12 0.00	32.87 1.12 -1.54	35.90 1.04 -3.37	40.20 1.16 -6.84	45.34 1.25 -6.09	62.87 1.49 -14.69	60.67 1.35 -14.27	51.98 1.00 -18.84	46.82 0.92 -16.17	39.03 0.81 -10.43	31.86 0.92 -3.10	28.34 0.96 -0.03
ATHENS_STG_2 23670	20.78 0.57 0.00	19.56 0.57 0.00	18.84 0.60 0.00	18.67 0.61 0.00	18.57 0.61 0.00	18.76 0.53 0.00	22.15 0.60 0.00	24.18 0.68 0.00	24.95 0.68 0.00	25.10 0.73 0.00	28.33 0.82 0.00	29.34 1.10 0.00	30.56 1.12 0.00	32.87 1.12 -1.54	35.90 1.04 -3.37	40.20 1.16 -6.84	45.34 1.25 -6.09	62.87 1.49 -14.69	60.67 1.35 -14.27	51.98 1.00 -18.84	46.82 0.92 -16.17	39.03 0.81 -10.43	31.86 0.92 -3.10	28.34 0.96 -0.03

ATHENS_STG_3 23677	20.78 0.57 0.00	19.56 0.57 0.00	18.84 0.60 0.00	18.67 0.61 0.00	18.57 0.61 0.00	18.76 0.53 0.00	22.15 0.60 0.00	24.18 0.68 0.00	24.95 0.68 0.00	25.10 0.73 0.00	28.33 0.82 0.00	29.34 1.10 0.00	30.56 1.12 0.00	32.87 1.12 -1.54	35.90 1.04 -3.37	40.20 1.16 -6.84	45.34 1.25 -6.09	62.87 1.49 -14.69	60.67 1.35 -14.27	51.98 1.00 -18.84	46.82 0.92 -16.17	39.03 0.81 -10.43	31.86 0.92 -3.10	28.34 0.96 -0.03
AUBURN____LFGE 323710	20.74 0.53 0.00	19.46 0.47 0.00	18.66 0.42 0.00	18.44 0.38 0.00	18.34 0.38 0.00	18.76 0.53 0.00	22.17 0.62 0.00	24.16 0.66 0.00	24.90 0.63 0.00	24.98 0.61 0.00	29.27 0.74 -1.02	30.15 0.76 -1.15	31.66 0.91 -1.31	33.11 1.12 -1.78	35.01 1.29 -2.22	36.41 1.48 -2.72	43.86 2.01 -3.85	53.02 2.19 -4.14	51.78 2.30 -4.43	37.28 1.57 -3.56	33.52 1.31 -2.49	30.97 0.97 -2.22	29.78 0.86 -1.08	28.88 0.60 -0.92
BABYLON_RES_REC 323704	21.79 1.58 0.00	20.37 1.39 0.00	19.48 1.24 0.00	19.27 1.21 0.00	19.23 1.28 0.00	19.60 1.37 0.00	23.25 1.70 0.00	25.07 1.57 0.00	25.99 1.72 0.00	26.25 1.88 0.00	29.63 2.12 0.00	29.99 1.75 0.00	31.15 1.71 0.00	33.34 1.63 -1.49	35.84 1.13 -3.21	40.18 1.45 -6.52	45.14 1.33 -5.80	62.27 2.01 -13.58	53.15 1.53 -6.57	41.41 1.06 -8.21	41.47 0.80 -10.95	34.43 0.75 -5.89	31.81 1.03 -2.94	28.67 1.29 -0.03
BABYLON__69_KV_BK2 356345	22.01 1.80 0.00	20.58 1.60 0.00	19.66 1.42 0.00	19.50 1.44 0.00	19.41 1.45 0.00	19.78 1.55 0.00	23.47 1.92 0.00	25.26 1.76 0.00	26.31 2.04 0.00	26.49 2.12 0.00	29.87 2.37 0.00	30.70 2.46 0.00	31.57 2.12 -0.01	33.74 2.02 -1.49	36.51 1.80 -3.22	40.87 2.13 -6.53	46.09 2.28 -5.80	63.36 3.08 -13.60	54.03 2.57 -6.41	41.93 1.80 -7.99	42.00 1.43 -10.85	34.85 1.25 -5.81	32.07 1.28 -2.95	29.05 1.67 -0.03
BARON_WINDS____WT_PWR 323822	21.00 0.79 0.00	19.69 0.70 0.00	18.80 0.57 0.00	18.56 0.50 0.00	18.41 0.45 0.00	18.96 0.73 0.00	22.28 0.73 0.00	24.23 0.73 0.00	25.04 0.78 0.00	24.98 0.61 0.00	28.38 0.63 -0.24	29.45 0.93 -0.27	30.75 1.00 -0.31	32.39 1.45 -0.72	34.40 1.73 -1.18	36.07 1.90 -1.96	42.67 2.59 -2.08	52.94 2.47 -3.78	51.43 2.61 -3.77	38.44 1.86 -4.43	34.61 1.22 -3.67	31.13 0.83 -2.51	29.50 0.81 -0.85	28.21 0.63 -0.23
BARRETT_IC_1 23704	21.40 1.19 0.00	20.05 1.06 0.00	19.18 0.95 0.00	19.00 0.94 0.00	18.96 1.01 0.00	19.27 1.04 0.00	22.88 1.34 0.00	24.58 1.08 0.00	25.45 1.19 0.01	25.73 1.36 0.01	29.04 1.54 0.01	29.62 1.38 0.01	30.84 1.41 0.02	32.99 1.30 -1.47	35.76 1.07 -3.20	40.07 1.35 -6.51	45.16 1.37 -5.79	53.91 2.05 -5.18	52.01 1.58 -5.39	39.77 1.06 -6.57	40.68 0.77 -10.19	33.63 0.64 -5.20	31.67 0.89 -2.93	28.42 1.04 -0.03
BARRETT_IC_10 23701	21.40 1.19 0.00	20.05 1.06 0.00	19.18 0.95 0.00	19.00 0.94 0.00	18.96 1.01 0.00	19.27 1.04 0.00	22.88 1.34 0.00	24.58 1.08 0.00	25.45 1.19 0.01	25.73 1.36 0.01	29.04 1.54 0.01	29.62 1.38 0.01	30.84 1.41 0.02	32.99 1.30 -1.47	35.76 1.07 -3.20	40.07 1.35 -6.51	45.16 1.37 -5.79	53.91 2.05 -5.18	52.01 1.58 -5.39	39.77 1.06 -6.57	40.68 0.77 -10.19	33.63 0.64 -5.20	31.67 0.89 -2.93	28.42 1.04 -0.03
BARRETT_IC_11 23702	21.40 1.19 0.00	20.05 1.06 0.00	19.18 0.95 0.00	19.00 0.94 0.00	18.96 1.01 0.00	19.27 1.04 0.00	22.88 1.34 0.00	24.58 1.08 0.00	25.45 1.19 0.01	25.73 1.36 0.01	29.04 1.54 0.01	29.62 1.38 0.01	30.84 1.41 0.02	32.99 1.30 -1.47	35.76 1.07 -3.20	40.07 1.35 -6.51	45.16 1.37 -5.79	53.91 2.05 -5.18	52.01 1.58 -5.39	39.77 1.06 -6.57	40.68 0.77 -10.19	33.63 0.64 -5.20	31.67 0.89 -2.93	28.42 1.04 -0.03
BARRETT_IC_12 23703	21.40 1.19 0.00	20.05 1.06 0.00	19.18 0.95 0.00	19.00 0.94 0.00	18.96 1.01 0.00	19.27 1.04 0.00	22.88 1.34 0.00	24.58 1.08 0.00	25.45 1.19 0.01	25.73 1.36 0.01	29.04 1.54 0.01	29.62 1.38 0.01	30.84 1.41 0.02	32.99 1.30 -1.47	35.76 1.07 -3.20	40.07 1.35 -6.51	45.16 1.37 -5.79	53.91 2.05 -5.18	52.01 1.58 -5.39	39.77 1.06 -6.57	40.68 0.77 -10.19	33.63 0.64 -5.20	31.67 0.89 -2.93	28.42 1.04 -0.03
BARRETT_IC_2 23705	21.40 1.19 0.00	20.05 1.06 0.00	19.18 0.95 0.00	19.00 0.94 0.00	18.96 1.01 0.00	19.27 1.04 0.00	22.88 1.34 0.00	24.58 1.08 0.00	25.45 1.19 0.01	25.73 1.36 0.01	29.04 1.54 0.01	29.62 1.38 0.01	30.84 1.41 0.02	32.99 1.30 -1.47	35.76 1.07 -3.20	40.07 1.35 -6.51	45.16 1.37 -5.79	53.91 2.05 -5.18	52.01 1.58 -5.39	39.77 1.06 -6.57	40.68 0.77 -10.19	33.63 0.64 -5.20	31.67 0.89 -2.93	28.42 1.04 -0.03
BARRETT_IC_3 23706	21.40 1.19 0.00	20.05 1.06 0.00	19.18 0.95 0.00	19.00 0.94 0.00	18.96 1.01 0.00	19.27 1.04 0.00	22.88 1.34 0.00	24.58 1.08 0.00	25.45 1.19 0.01	25.73 1.36 0.01	29.04 1.54 0.01	29.62 1.38 0.01	30.84 1.41 0.02	32.99 1.30 -1.47	35.76 1.07 -3.20	40.07 1.35 -6.51	45.16 1.37 -5.79	53.91 2.05 -5.18	52.01 1.58 -5.39	39.77 1.06 -6.57	40.68 0.77 -10.19	33.63 0.64 -5.20	31.67 0.89 -2.93	28.42 1.04 -0.03
BARRETT_IC_4 23707	21.40 1.19 0.00	20.05 1.06 0.00	19.18 0.95 0.00	19.00 0.94 0.00	18.96 1.01 0.00	19.27 1.04 0.00	22.88 1.34 0.00	24.58 1.08 0.00	25.45 1.19 0.01	25.73 1.36 0.01	29.04 1.54 0.01	29.62 1.38 0.01	30.84 1.41 0.02	32.99 1.30 -1.47	35.76 1.07 -3.20	40.07 1.35 -6.51	45.16 1.37 -5.79	53.91 2.05 -5.18	52.01 1.58 -5.39	39.77 1.06 -6.57	40.68 0.77 -10.19	33.63 0.64 -5.20	31.67 0.89 -2.93	28.42 1.04 -0.03
BARRETT_IC_5 23708	21.40 1.19 0.00	20.05 1.06 0.00	19.18 0.95 0.00	19.00 0.94 0.00	18.96 1.01 0.00	19.27 1.04 0.00	22.88 1.34 0.00	24.58 1.08 0.00	25.45 1.19 0.01	25.73 1.36 0.01	29.04 1.54 0.01	29.62 1.38 0.01	30.84 1.41 0.02	32.99 1.30 -1.47	35.76 1.07 -3.20	40.07 1.35 -6.51	45.16 1.37 -5.79	53.91 2.05 -5.18	52.01 1.58 -5.39	39.77 1.06 -6.57	40.68 0.77 -10.19	33.63 0.64 -5.20	31.67 0.89 -2.93	28.42 1.04 -0.03
BARRETT_IC_6 23709	21.40 1.19 0.00	20.05 1.06 0.00	19.18 0.95 0.00	19.00 0.94 0.00	18.96 1.01 0.00	19.27 1.04 0.00	22.88 1.34 0.00	24.58 1.08 0.00	25.45 1.19 0.01	25.73 1.36 0.01	29.04 1.54 0.01	29.62 1.38 0.01	30.84 1.41 0.02	32.99 1.30 -1.47	35.76 1.07 -3.20	40.07 1.35 -6.51	45.16 1.37 -5.79	53.91 2.05 -5.18	52.01 1.58 -5.39	39.77 1.06 -6.57	40.68 0.77 -10.19	33.63 0.64 -5.20	31.67 0.89 -2.93	28.42 1.04 -0.03
BARRETT_IC_7 23710	21.43 1.21 0.00	20.03 1.04 0.00	19.18 0.95 0.00	19.05 0.99 0.00	18.96 1.01 0.00	19.27 1.04 0.00	22.88 1.34 0.00	24.58 1.08 0.00	25.58 1.31 0.00	25.76 1.39 0.00	29.05 1.54 0.00	29.97 1.72 0.00	30.88 1.44 0.01	33.12 1.42 -1.48	35.90 1.20 -3.21	40.18 1.45 -6.52	45.29 1.48 -5.80	53.96 2.10 -5.17	52.06 1.62 -5.39	39.84 1.12 -6.57	40.68 0.77 -10.19	33.68 0.69 -5.20	31.64 0.86 -2.93	28.53 1.15 -0.03

BARRETT_IC_8 23711	21.40 1.19 0.00	20.05 1.06 0.00	19.18 0.95 0.00	19.00 0.94 0.00	18.96 1.01 0.00	19.27 1.04 0.00	22.88 1.34 0.00	24.58 1.08 0.00	25.45 1.19 0.01	25.73 1.36 0.01	29.04 1.54 0.01	29.62 1.38 0.01	30.84 1.41 0.02	32.99 1.30 -1.47	35.76 1.07 -3.20	40.07 1.35 -6.51	45.16 1.37 -5.79	53.91 2.05 -5.18	52.01 1.58 -5.39	39.77 1.06 -6.57	40.68 0.77 -10.19	33.63 0.64 -5.20	31.67 0.89 -2.93	28.42 1.04 -0.03
BARRETT_IC_9 23700	21.40 1.19 0.00	20.05 1.06 0.00	19.18 0.95 0.00	19.00 0.94 0.00	18.96 1.01 0.00	19.27 1.04 0.00	22.88 1.34 0.00	24.58 1.08 0.00	25.45 1.19 0.01	25.73 1.36 0.01	29.04 1.54 0.01	29.62 1.38 0.01	30.84 1.41 0.02	32.99 1.30 -1.47	35.76 1.07 -3.20	40.07 1.35 -6.51	45.16 1.37 -5.79	53.91 2.05 -5.18	52.01 1.58 -5.39	39.77 1.06 -6.57	40.68 0.77 -10.19	33.63 0.64 -5.20	31.67 0.89 -2.93	28.42 1.04 -0.03
BARRETT___1 23545	21.40 1.19 0.00	20.05 1.06 0.00	19.18 0.95 0.00	19.00 0.94 0.00	18.96 1.01 0.00	19.27 1.04 0.00	22.88 1.34 0.00	24.58 1.08 0.00	25.45 1.19 0.01	25.73 1.36 0.01	29.04 1.54 0.01	29.62 1.38 0.01	30.84 1.41 0.02	32.99 1.30 -1.47	35.76 1.07 -3.20	40.07 1.35 -6.51	45.16 1.37 -5.79	53.91 2.05 -5.18	52.01 1.58 -5.39	39.77 1.06 -6.57	40.68 0.77 -10.19	33.63 0.64 -5.20	31.67 0.89 -2.93	28.42 1.04 -0.03
BARRETT___2 23546	21.40 1.19 0.00	20.05 1.06 0.00	19.18 0.95 0.00	19.00 0.94 0.00	18.96 1.01 0.00	19.27 1.04 0.00	22.88 1.34 0.00	24.58 1.08 0.00	25.45 1.19 0.01	25.73 1.36 0.01	29.04 1.54 0.01	29.62 1.38 0.01	30.84 1.41 0.02	32.99 1.30 -1.47	35.76 1.07 -3.20	40.07 1.35 -6.51	45.16 1.37 -5.79	53.91 2.05 -5.18	52.01 1.58 -5.39	39.77 1.06 -6.57	40.68 0.77 -10.19	33.63 0.64 -5.20	31.67 0.89 -2.93	28.42 1.04 -0.03
BATAVIA___115KV_TB1 55881	20.94 0.73 0.00	19.58 0.59 0.00	18.67 0.44 0.00	18.29 0.23 0.00	18.30 0.34 0.00	18.89 0.66 0.00	21.91 0.37 0.00	23.80 0.31 0.00	24.71 0.44 0.00	24.59 0.22 0.00	27.84 0.33 0.00	28.72 0.48 0.00	30.38 0.94 0.00	31.86 1.42 -0.22	33.81 1.83 -0.49	35.16 1.96 -0.99	41.77 2.89 -0.88	51.73 2.94 -2.10	50.38 3.29 -2.04	37.09 2.25 -2.70	33.44 1.40 -2.32	30.11 0.83 -1.49	28.96 0.67 -0.44	28.10 0.74 0.00
BAYONEEC___CTG1 323682	21.24 1.03 0.00	19.92 0.93 0.00	19.11 0.88 0.00	18.98 0.92 0.00	18.89 0.93 0.00	19.15 0.91 0.00	22.65 1.10 0.00	24.81 1.32 0.00	25.70 1.43 0.00	25.98 1.61 0.00	29.24 1.73 0.00	30.36 2.12 0.00	31.53 2.09 0.00	33.64 1.94 -1.49	36.37 1.67 -3.21	40.76 2.03 -6.52	45.90 2.09 -5.81	63.67 3.03 -13.96	61.12 2.52 -13.56	51.71 1.67 -17.89	46.45 1.37 -15.36	38.86 1.17 -9.91	32.23 1.45 -2.94	28.94 1.56 -0.03
BAYONEEC___CTG10 323750	21.24 1.03 0.00	19.92 0.93 0.00	19.11 0.88 0.00	18.98 0.92 0.00	18.89 0.93 0.00	19.15 0.91 0.00	22.65 1.10 0.00	24.81 1.32 0.00	25.70 1.43 0.00	25.98 1.61 0.00	29.24 1.73 0.00	30.36 2.12 0.00	31.53 2.09 0.00	33.64 1.94 -1.49	36.37 1.67 -3.21	40.76 2.03 -6.52	45.90 2.09 -5.81	63.67 3.03 -13.96	61.12 2.52 -13.56	51.71 1.67 -17.89	46.45 1.37 -15.36	38.86 1.17 -9.91	32.23 1.45 -2.94	28.94 1.56 -0.03
BAYONEEC___CTG2 323683	21.24 1.03 0.00	19.92 0.93 0.00	19.11 0.88 0.00	18.98 0.92 0.00	18.89 0.93 0.00	19.15 0.91 0.00	22.65 1.10 0.00	24.81 1.32 0.00	25.70 1.43 0.00	25.98 1.61 0.00	29.24 1.73 0.00	30.36 2.12 0.00	31.53 2.09 0.00	33.64 1.94 -1.49	36.37 1.67 -3.21	40.76 2.03 -6.52	45.90 2.09 -5.81	63.67 3.03 -13.96	61.12 2.52 -13.56	51.71 1.67 -17.89	46.45 1.37 -15.36	38.86 1.17 -9.91	32.23 1.45 -2.94	28.94 1.56 -0.03
BAYONEEC___CTG3 323684	21.24 1.03 0.00	19.92 0.93 0.00	19.11 0.88 0.00	18.98 0.92 0.00	18.89 0.93 0.00	19.15 0.91 0.00	22.65 1.10 0.00	24.81 1.32 0.00	25.70 1.43 0.00	25.98 1.61 0.00	29.24 1.73 0.00	30.36 2.12 0.00	31.53 2.09 0.00	33.64 1.94 -1.49	36.37 1.67 -3.21	40.76 2.03 -6.52	45.90 2.09 -5.81	63.67 3.03 -13.96	61.12 2.52 -13.56	51.71 1.67 -17.89	46.45 1.37 -15.36	38.86 1.17 -9.91	32.23 1.45 -2.94	28.94 1.56 -0.03
BAYONEEC___CTG4 323685	21.24 1.03 0.00	19.92 0.93 0.00	19.11 0.88 0.00	18.98 0.92 0.00	18.89 0.93 0.00	19.15 0.91 0.00	22.65 1.10 0.00	24.81 1.32 0.00	25.70 1.43 0.00	25.98 1.61 0.00	29.24 1.73 0.00	30.36 2.12 0.00	31.53 2.09 0.00	33.64 1.94 -1.49	36.37 1.67 -3.21	40.76 2.03 -6.52	45.90 2.09 -5.81	63.67 3.03 -13.96	61.12 2.52 -13.56	51.71 1.67 -17.89	46.45 1.37 -15.36	38.86 1.17 -9.91	32.23 1.45 -2.94	28.94 1.56 -0.03
BAYONEEC___CTG5 323686	21.24 1.03 0.00	19.92 0.93 0.00	19.11 0.88 0.00	18.98 0.92 0.00	18.89 0.93 0.00	19.15 0.91 0.00	22.65 1.10 0.00	24.81 1.32 0.00	25.70 1.43 0.00	25.98 1.61 0.00	29.24 1.73 0.00	30.36 2.12 0.00	31.53 2.09 0.00	33.64 1.94 -1.49	36.37 1.67 -3.21	40.76 2.03 -6.52	45.90 2.09 -5.81	63.67 3.03 -13.96	61.12 2.52 -13.56	51.71 1.67 -17.89	46.45 1.37 -15.36	38.86 1.17 -9.91	32.23 1.45 -2.94	28.94 1.56 -0.03
BAYONEEC___CTG6 323687	21.24 1.03 0.00	19.92 0.93 0.00	19.11 0.88 0.00	18.98 0.92 0.00	18.89 0.93 0.00	19.15 0.91 0.00	22.65 1.10 0.00	24.81 1.32 0.00	25.70 1.43 0.00	25.98 1.61 0.00	29.24 1.73 0.00	30.36 2.12 0.00	31.53 2.09 0.00	33.64 1.94 -1.49	36.37 1.67 -3.21	40.76 2.03 -6.52	45.90 2.09 -5.81	63.67 3.03 -13.96	61.12 2.52 -13.56	51.71 1.67 -17.89	46.45 1.37 -15.36	38.86 1.17 -9.91	32.23 1.45 -2.94	28.94 1.56 -0.03
BAYONEEC___CTG7 323688	21.24 1.03 0.00	19.92 0.93 0.00	19.11 0.88 0.00	18.98 0.92 0.00	18.89 0.93 0.00	19.15 0.91 0.00	22.65 1.10 0.00	24.81 1.32 0.00	25.70 1.43 0.00	25.98 1.61 0.00	29.24 1.73 0.00	30.36 2.12 0.00	31.53 2.09 0.00	33.64 1.94 -1.49	36.37 1.67 -3.21	40.76 2.03 -6.52	45.90 2.09 -5.81	63.67 3.03 -13.96	61.12 2.52 -13.56	51.71 1.67 -17.89	46.45 1.37 -15.36	38.86 1.17 -9.91	32.23 1.45 -2.94	28.94 1.56 -0.03
BAYONEEC___CTG8 323689	21.24 1.03 0.00	19.92 0.93 0.00	19.11 0.88 0.00	18.98 0.92 0.00	18.89 0.93 0.00	19.15 0.91 0.00	22.65 1.10 0.00	24.81 1.32 0.00	25.70 1.43 0.00	25.98 1.61 0.00	29.24 1.73 0.00	30.36 2.12 0.00	31.53 2.09 0.00	33.64 1.94 -1.49	36.37 1.67 -3.21	40.76 2.03 -6.52	45.90 2.09 -5.81	63.67 3.03 -13.96	61.12 2.52 -13.56	51.71 1.67 -17.89	46.45 1.37 -15.36	38.86 1.17 -9.91	32.23 1.45 -2.94	28.94 1.56 -0.03
BAYONEEC___CTG9 323749	21.24 1.03 0.00	19.92 0.93 0.00	19.11 0.88 0.00	18.98 0.92 0.00	18.89 0.93 0.00	19.15 0.91 0.00	22.65 1.10 0.00	24.81 1.32 0.00	25.70 1.43 0.00	25.98 1.61 0.00	29.24 1.73 0.00	30.36 2.12 0.00	31.53 2.09 0.00	33.64 1.94 -1.49	36.37 1.67 -3.21	40.76 2.03 -6.52	45.90 2.09 -5.81	63.67 3.03 -13.96	61.12 2.52 -13.56	51.71 1.67 -17.89	46.45 1.37 -15.36	38.86 1.17 -9.91	32.23 1.45 -2.94	28.94 1.56 -0.03

BEACON___LESR 323632	20.84 0.63 0.00	19.61 0.63 0.00	18.87 0.64 0.00	18.71 0.65 0.00	18.60 0.65 0.00	18.85 0.62 0.00	22.26 0.71 0.00	24.25 0.75 0.00	24.97 0.70 0.00	25.08 0.71 0.00	28.36 0.85 0.00	29.48 1.24 0.00	30.74 1.29 0.00	34.95 1.42 -3.31	39.57 1.54 -6.54	47.02 1.55 -13.27	51.64 1.82 -11.81	77.04 2.15 -28.21	74.52 2.07 -27.40	69.79 1.48 -36.17	62.11 1.34 -31.05	49.04 1.22 -20.03	35.04 1.25 -5.94	28.64 1.23 -0.06
BEAVER RIVER___HYD 24048	20.60 0.38 0.00	19.33 0.34 0.00	18.53 0.29 0.00	18.33 0.27 0.00	18.25 0.29 0.00	18.60 0.36 0.00	22.13 0.58 0.00	24.06 0.56 0.00	24.78 0.51 0.00	24.88 0.51 0.00	28.54 0.47 -0.56	29.36 0.48 -0.63	30.55 0.38 -0.72	31.40 0.30 -0.88	33.04 0.53 -1.01	33.91 0.64 -1.06	40.83 1.10 -1.73	49.51 1.49 -1.34	48.10 1.53 -1.52	34.01 1.12 -0.75	31.18 1.13 -0.33	29.31 0.97 -0.55	29.24 1.00 -0.39	28.68 0.82 -0.51
BEEBEE_GT_13 23619	20.76 0.55 0.00	19.39 0.40 0.00	18.53 0.29 0.00	18.24 0.18 0.00	18.21 0.25 0.00	18.69 0.46 0.00	21.83 0.28 0.00	23.80 0.31 0.00	24.61 0.34 0.00	24.64 0.27 0.00	27.97 0.47 0.00	28.81 0.56 0.00	30.27 0.82 0.00	31.54 1.15 -0.17	33.38 1.51 -0.38	34.62 1.64 -0.76	40.96 2.28 -0.68	50.74 2.43 -1.63	49.25 2.61 -1.59	36.00 1.77 -2.09	32.71 1.19 -1.80	29.72 0.78 -1.16	28.83 0.64 -0.34	27.99 0.63 0.00
BENSHRST_27_KV_BENSHRST_1 355998	21.55 1.33 -0.01	20.19 1.20 0.00	19.35 1.11 0.00	19.31 1.25 -0.01	19.17 1.20 -0.01	19.33 1.09 0.00	22.80 1.25 0.00	24.96 1.46 0.00	25.99 1.72 0.00	26.20 1.83 0.00	29.49 1.98 0.00	30.73 2.49 0.00	31.83 2.38 0.00	34.06 2.36 -1.49	36.82 2.11 -3.21	41.05 2.32 -6.52	46.28 2.47 -5.81	64.19 3.55 -13.95	61.53 2.93 -13.55	52.03 1.99 -17.89	46.63 1.55 -15.36	39.11 1.42 -9.91	32.68 1.89 -2.94	29.36 1.97 -0.04
BETHLEHEM___GRP 23843	20.52 0.30 0.00	19.35 0.36 0.00	18.62 0.38 0.00	18.47 0.42 0.00	18.35 0.40 0.00	18.56 0.33 0.00	21.94 0.39 0.00	23.83 0.33 0.00	24.58 0.32 0.00	24.69 0.32 0.00	27.89 0.39 0.00	29.00 0.76 0.00	30.18 0.74 0.00	34.30 0.79 -3.29	38.76 0.82 -6.45	46.14 0.84 -13.09	50.57 0.91 -11.66	75.62 1.03 -27.91	73.11 0.95 -27.11	68.64 0.71 -35.79	61.07 0.62 -30.73	48.19 0.58 -19.82	34.39 0.67 -5.88	28.12 0.71 -0.06
BETHLEHEM___GS1 323560	20.52 0.30 0.00	19.33 0.34 0.00	18.62 0.38 0.00	18.46 0.40 0.00	18.35 0.39 0.00	18.56 0.33 0.00	21.89 0.34 0.00	23.83 0.33 0.00	24.54 0.27 0.00	24.69 0.32 0.00	27.89 0.38 0.00	28.98 0.73 0.00	30.21 0.76 0.00	34.33 0.82 -3.29	38.79 0.85 -6.45	46.14 0.84 -13.09	50.57 0.91 -11.66	75.67 1.07 -27.91	73.15 0.99 -27.11	68.64 0.71 -35.79	61.10 0.65 -30.73	48.22 0.61 -19.82	34.42 0.70 -5.88	28.12 0.71 -0.06
BETHLEHEM___GS2 323561	20.52 0.30 0.00	19.33 0.34 0.00	18.62 0.38 0.00	18.46 0.40 0.00	18.35 0.39 0.00	18.56 0.33 0.00	21.89 0.34 0.00	23.83 0.33 0.00	24.54 0.27 0.00	24.69 0.32 0.00	27.89 0.38 0.00	28.98 0.73 0.00	30.21 0.76 0.00	34.33 0.82 -3.29	38.79 0.85 -6.45	46.14 0.84 -13.09	50.57 0.91 -11.66	75.67 1.07 -27.91	73.15 0.99 -27.11	68.64 0.71 -35.79	61.10 0.65 -30.73	48.22 0.61 -19.82	34.42 0.70 -5.88	28.12 0.71 -0.06
BETHLEHEM___GS3 323562	20.52 0.30 0.00	19.33 0.34 0.00	18.62 0.38 0.00	18.46 0.40 0.00	18.35 0.39 0.00	18.56 0.33 0.00	21.89 0.34 0.00	23.83 0.33 0.00	24.54 0.27 0.00	24.69 0.32 0.00	27.89 0.38 0.00	28.98 0.73 0.00	30.21 0.76 0.00	34.33 0.82 -3.29	38.79 0.85 -6.45	46.14 0.84 -13.09	50.57 0.91 -11.66	75.67 1.07 -27.91	73.15 0.99 -27.11	68.64 0.71 -35.79	61.10 0.65 -30.73	48.22 0.61 -19.82	34.42 0.70 -5.88	28.12 0.71 -0.06
BETHLEHEM___STEEL 23779	20.96 0.75 0.00	19.67 0.68 0.00	18.77 0.53 0.00	18.38 0.33 0.00	18.35 0.40 0.00	18.95 0.71 0.00	22.04 0.50 0.00	23.94 0.45 0.00	24.88 0.61 0.00	24.79 0.41 0.00	27.95 0.44 0.00	28.84 0.59 0.00	30.56 1.12 0.00	32.10 1.63 -0.25	34.06 2.02 -0.55	35.52 2.19 -1.12	42.04 3.04 -0.99	51.89 2.85 -2.36	50.36 3.02 -2.29	37.19 2.02 -3.02	33.50 1.19 -2.59	30.18 0.72 -1.67	28.84 0.50 -0.50	27.93 0.57 0.00
BETHLHEM_115KV_TB1 79974	20.58 0.36 0.00	19.39 0.40 0.00	18.66 0.42 0.00	18.51 0.45 0.00	18.39 0.43 0.00	18.62 0.38 0.00	21.98 0.43 0.00	23.87 0.38 0.00	24.66 0.39 0.00	24.76 0.39 0.00	27.97 0.47 0.00	29.06 0.82 0.00	30.24 0.79 0.00	34.29 0.85 -3.23	38.62 0.85 -6.28	45.85 0.90 -12.74	50.29 0.95 -11.34	75.06 1.12 -27.26	72.56 1.04 -26.47	67.86 0.77 -34.95	60.41 0.68 -30.00	47.78 0.64 -19.35	34.31 0.72 -5.74	28.18 0.77 -0.06
BETHPAGE_CC_5 323564	21.71 1.50 0.00	20.30 1.31 0.00	19.42 1.18 0.00	19.22 1.16 0.00	19.18 1.22 0.00	19.53 1.29 0.00	23.16 1.62 0.00	25.00 1.51 0.00	25.94 1.67 0.00	26.20 1.83 0.00	29.57 2.06 0.00	30.02 1.78 0.00	31.17 1.74 0.00	33.30 1.60 -1.48	36.03 1.32 -3.21	40.28 1.55 -6.52	45.36 1.56 -5.80	62.45 2.29 -13.48	53.88 1.80 -7.02	42.20 1.22 -8.84	41.87 0.92 -11.23	34.77 0.83 -6.15	31.75 0.97 -2.94	28.70 1.31 -0.03
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	21.00 0.79 0.00	19.71 0.72 0.00	18.80 0.57 0.00	18.42 0.36 0.00	18.37 0.41 0.00	18.98 0.75 0.00	22.11 0.56 0.00	23.99 0.49 0.00	24.95 0.68 0.00	24.86 0.49 0.00	27.97 0.47 0.00	28.92 0.68 0.00	30.65 1.21 0.00	32.23 1.75 -0.26	34.16 2.11 -0.56	35.63 2.29 -1.14	42.17 3.15 -1.01	52.07 2.99 -2.40	50.58 3.20 -2.33	37.34 2.12 -3.07	33.61 1.25 -2.64	30.27 0.78 -1.70	28.88 0.53 -0.51	27.93 0.57 0.00
BINGHAMTON___COGEN 23790	20.74 0.53 0.00	19.46 0.47 0.00	18.66 0.42 0.00	18.42 0.36 0.00	18.32 0.36 0.00	18.73 0.49 0.00	22.09 0.54 0.00	24.04 0.54 0.00	24.83 0.56 0.00	24.83 0.46 0.00	28.45 0.50 -0.45	29.37 0.62 -0.51	30.79 0.77 -0.58	32.34 0.91 -1.22	34.53 1.10 -1.94	36.57 1.22 -3.14	43.02 1.60 -3.42	54.32 1.68 -5.96	52.73 1.71 -5.97	40.23 1.22 -6.87	36.32 0.95 -5.65	32.39 0.69 -3.91	29.80 0.61 -1.35	28.29 0.52 -0.41
BIXINCNT_115KV_LOAD 355685	21.02 0.81 0.00	19.75 0.76 0.00	18.86 0.62 0.00	18.44 0.38 0.00	18.39 0.43 0.00	19.05 0.82 0.00	22.28 0.73 0.00	24.23 0.73 0.00	25.19 0.92 0.00	25.05 0.68 0.00	28.08 0.58 0.00	29.09 0.85 0.00	30.83 1.38 0.00	32.37 1.87 -0.28	34.24 2.14 -0.60	35.72 2.29 -1.23	42.21 3.12 -1.09	52.22 2.94 -2.60	50.68 3.11 -2.52	37.46 1.99 -3.33	33.77 1.19 -2.86	30.44 0.81 -1.84	28.95 0.56 -0.55	27.91 0.55 -0.01
BLACK RIVER___HYD 24047	20.82 0.61 0.00	19.52 0.53 0.00	18.69 0.46 0.00	18.49 0.43 0.00	18.39 0.43 0.00	18.78 0.55 0.00	22.39 0.84 0.00	24.27 0.77 0.00	24.95 0.68 0.00	25.13 0.76 0.00	29.13 0.69 -0.94	30.09 0.79 -1.06	31.38 0.74 -1.21	32.50 0.82 -1.47	34.31 1.13 -1.68	35.29 1.32 -1.76	42.93 2.05 -2.88	51.43 2.52 -2.23	50.20 2.61 -2.54	35.38 1.99 -1.25	32.14 1.87 -0.55	30.25 1.56 -0.91	29.98 1.47 -0.66	29.38 1.18 -0.85

BLACKRVR_115KV_TB2 79977	20.82 0.61 0.00	19.52 0.53 0.00	18.69 0.46 0.00	18.47 0.42 0.00	18.39 0.43 0.00	18.78 0.55 0.00	22.39 0.84 0.00	24.27 0.78 0.00	24.92 0.66 0.00	25.13 0.76 0.00	29.13 0.69 -0.94	30.06 0.76 -1.06	31.47 0.82 -1.21	32.53 0.85 -1.47	34.31 1.13 -1.68	35.29 1.32 -1.76	42.94 2.05 -2.88	51.43 2.52 -2.23	50.43 2.84 -2.54	35.38 1.99 -1.25	32.17 1.90 -0.55	30.26 1.56 -0.91	29.98 1.48 -0.66	29.38 1.18 -0.85
BLISS_WT_PWR 323608	21.02 0.81 0.00	19.77 0.78 0.00	18.84 0.60 0.00	18.56 0.50 0.00	18.39 0.43 0.00	19.06 0.82 0.00	22.35 0.80 0.00	24.25 0.75 0.00	25.19 0.92 0.00	25.05 0.68 0.00	28.11 0.60 0.00	29.29 1.05 0.00	30.71 1.27 0.00	32.43 1.94 -0.28	34.39 2.30 -0.60	35.75 2.32 -1.23	42.25 3.15 -1.09	52.05 2.75 -2.62	50.56 2.97 -2.54	37.52 2.03 -3.35	33.55 0.95 -2.88	30.37 0.72 -1.86	29.09 0.70 -0.55	27.91 0.55 -0.01
BLUE_CIRC_CHEM_DRP 24182	20.82 0.61 0.00	19.62 0.63 0.00	18.87 0.64 0.00	18.71 0.65 0.00	18.59 0.63 0.00	18.82 0.58 0.00	22.22 0.67 0.00	24.16 0.66 0.00	24.92 0.66 0.00	25.01 0.63 0.00	28.25 0.74 0.00	29.29 1.04 0.00	30.50 1.06 0.00	34.30 1.18 -2.91	38.22 1.23 -5.50	44.60 1.22 -11.17	49.35 1.41 -9.94	72.57 1.63 -24.26	70.19 1.58 -23.56	64.40 1.16 -31.10	57.52 1.10 -26.70	46.04 1.03 -17.23	34.04 1.09 -5.11	28.50 1.09 -0.05
BOC_GAS_DRP 24189	20.70 0.49 0.00	19.48 0.49 0.00	18.75 0.51 0.00	18.60 0.54 0.00	18.48 0.52 0.00	18.69 0.46 0.00	22.09 0.54 0.00	23.99 0.49 0.00	24.80 0.53 0.00	24.91 0.54 0.00	28.11 0.61 0.00	29.17 0.93 0.00	30.35 0.91 0.00	34.03 0.94 -2.87	37.70 0.91 -5.29	43.95 1.00 -10.75	48.63 1.06 -9.57	71.51 1.21 -23.61	69.11 1.13 -22.93	63.25 0.84 -30.27	56.48 0.77 -25.99	45.25 0.69 -16.77	33.63 0.81 -4.98	28.25 0.85 -0.05
BOONVILLE_115KV_TB1 79983	20.68 0.46 0.00	19.41 0.42 0.00	18.60 0.36 0.00	18.40 0.34 0.00	18.32 0.36 0.00	18.67 0.44 0.00	22.17 0.62 0.00	24.13 0.63 0.00	24.90 0.63 0.00	24.98 0.61 0.00	28.41 0.63 -0.27	29.34 0.79 -0.30	30.64 0.85 -0.34	31.36 0.73 -0.42	32.92 0.94 -0.48	33.77 1.06 -0.50	40.38 1.56 -0.82	49.19 1.87 -0.64	47.75 1.98 -0.72	33.85 1.35 -0.36	31.13 1.25 -0.16	29.05 1.00 -0.26	29.01 0.97 -0.19	28.42 0.82 -0.24
BORALEX_4TH_BRANCH 23824	21.28 1.07 0.00	20.01 1.02 0.00	19.24 1.00 0.00	19.07 1.01 0.00	18.96 1.01 0.00	19.22 0.98 0.00	22.71 1.16 0.00	24.74 1.24 0.00	25.51 1.24 0.00	25.66 1.29 0.00	28.96 1.46 0.00	30.11 1.86 0.00	31.30 1.86 0.00	35.95 1.96 -3.77	41.28 1.99 -7.80	50.17 2.13 -15.83	54.49 2.40 -14.10	82.45 2.71 -33.06	79.82 2.66 -32.11	76.37 1.83 -42.39	67.84 1.72 -36.40	52.88 1.61 -23.48	36.57 1.76 -6.97	29.20 1.78 -0.07
BOWLINE___1 23526	21.14 0.93 0.00	19.82 0.83 0.00	19.04 0.80 0.00	18.87 0.81 0.00	18.77 0.81 0.00	19.06 0.82 0.00	22.56 1.01 0.00	24.65 1.15 0.00	25.41 1.14 0.00	25.64 1.27 0.00	28.88 1.37 0.00	29.97 1.72 0.00	31.15 1.71 0.00	33.32 1.66 -1.44	36.09 1.48 -3.11	40.30 1.77 -6.32	45.49 1.86 -5.63	62.81 2.61 -13.52	60.34 2.16 -13.13	50.95 1.48 -17.33	45.82 1.22 -14.88	38.38 1.00 -9.60	31.86 1.17 -2.85	28.64 1.26 -0.03
BOWLINE___2 23595	21.14 0.93 0.00	19.82 0.83 0.00	19.04 0.80 0.00	18.87 0.81 0.00	18.77 0.81 0.00	19.06 0.82 0.00	22.56 1.01 0.00	24.67 1.17 0.00	25.46 1.19 0.00	25.66 1.29 0.00	28.94 1.43 0.00	30.02 1.78 0.00	31.21 1.77 0.00	33.38 1.72 -1.44	36.15 1.54 -3.11	40.36 1.83 -6.32	45.57 1.94 -5.63	62.86 2.66 -13.52	60.43 2.25 -13.13	51.02 1.54 -17.33	45.88 1.28 -14.88	38.44 1.06 -9.60	31.92 1.22 -2.85	28.67 1.29 -0.03
BRADY___115KV_TB2 356060	20.03 -0.18 0.00	18.84 -0.15 0.00	18.07 -0.16 0.00	17.90 -0.16 0.00	17.80 -0.16 0.00	18.05 -0.18 0.00	21.42 -0.13 0.00	23.40 -0.09 0.00	24.22 -0.05 0.00	24.37 0.00 0.00	27.53 0.03 0.00	27.99 -0.25 0.00	29.15 -0.29 0.00	29.31 -0.91 0.00	30.52 -0.98 0.00	31.08 -1.13 0.00	36.71 -1.29 0.00	45.80 -0.89 0.00	44.33 -0.72 0.00	31.21 -0.93 0.00	29.31 -0.42 0.00	27.65 -0.14 0.00	27.76 -0.08 0.00	27.33 -0.03 0.00
BRANSCOMB___SOLAR 323811	21.28 1.07 0.00	19.98 0.99 0.00	19.18 0.95 0.00	19.01 0.96 0.00	18.91 0.95 0.00	19.18 0.95 0.00	22.69 1.14 0.00	24.70 1.20 0.00	25.43 1.16 0.00	25.54 1.17 0.00	28.80 1.29 0.00	29.97 1.72 0.00	31.30 1.86 0.00	36.81 2.02 -4.56	43.14 2.20 -9.44	53.56 2.19 -19.16	57.72 2.66 -17.06	89.68 3.41 -39.59	86.84 3.33 -38.46	85.32 2.41 -50.76	75.56 2.26 -43.58	57.98 2.08 -28.11	38.22 2.03 -8.34	29.40 1.97 -0.08
BRENTWOD_69_KV_W. BRTWOOD 56703	21.91 1.70 0.00	20.49 1.50 0.00	19.57 1.33 0.00	19.41 1.35 0.00	19.32 1.36 0.00	19.69 1.46 0.00	23.36 1.81 0.00	25.12 1.62 0.00	26.16 1.89 0.00	26.35 1.97 0.00	29.65 2.15 0.00	30.45 2.20 0.00	31.29 1.83 -0.03	33.46 1.72 -1.52	36.25 1.51 -3.24	40.63 1.87 -6.55	45.55 1.75 -5.80	62.89 2.43 -13.78	53.03 1.94 -6.04	40.97 1.35 -7.47	41.52 1.16 -10.64	34.40 1.00 -5.62	31.79 0.97 -2.97	28.83 1.45 -0.03
BRISTLHL_115KV_TB1 79998	20.15 -0.06 0.00	18.89 -0.09 0.00	18.13 -0.11 0.00	17.91 -0.14 0.00	17.83 -0.13 0.00	18.18 -0.05 0.00	21.46 -0.09 0.00	23.33 -0.16 0.00	24.03 -0.24 0.00	24.10 -0.27 0.00	29.26 -0.28 -2.03	30.34 -0.20 -2.30	31.91 -0.15 -2.62	33.34 -0.06 -3.18	35.20 0.06 -3.65	36.20 0.16 -3.83	44.55 0.30 -6.25	51.70 0.19 -4.83	50.83 0.27 -5.51	35.04 0.19 -2.70	30.97 0.06 -1.19	29.68 -0.08 -1.98	29.10 -0.17 -1.43	28.95 -0.25 -1.84
BROOKHAVEN___DRP 24191	21.97 1.76 0.00	20.53 1.54 0.00	19.60 1.37 0.00	19.43 1.37 0.00	19.36 1.40 0.00	19.73 1.50 0.00	23.38 1.83 0.00	24.88 1.39 0.00	25.92 1.65 0.00	26.10 1.73 0.00	29.43 1.93 0.00	30.22 1.98 0.00	31.03 1.59 0.00	33.21 1.51 -1.49	36.00 1.29 -3.21	40.34 1.61 -6.52	45.74 1.94 -5.80	63.08 2.61 -13.78	53.06 2.12 -5.90	40.90 1.48 -7.28	41.16 0.92 -10.52	34.10 0.81 -5.50	31.53 0.75 -2.94	28.61 1.23 -0.03
BROOKLYN_NAVY_YARD 23515	21.24 1.03 0.00	19.92 0.93 0.00	19.11 0.88 0.00	18.98 0.92 0.00	18.86 0.90 0.00	19.13 0.89 0.00	22.62 1.08 0.00	24.81 1.32 0.00	25.70 1.43 0.00	25.98 1.61 0.00	29.21 1.71 0.00	30.30 2.06 0.00	31.50 2.06 0.00	33.61 1.90 -1.49	36.37 1.67 -3.21	40.73 2.00 -6.52	45.86 2.05 -5.81	63.67 3.03 -13.96	61.08 2.48 -13.56	51.71 1.67 -17.89	46.42 1.34 -15.36	38.84 1.14 -9.91	32.26 1.47 -2.94	28.94 1.56 -0.03
BROOKLYN___ARMY_DRP 323595	21.47 1.25 -0.01	20.11 1.12 0.00	19.29 1.06 0.00	19.26 1.19 -0.01	19.12 1.15 -0.01	19.27 1.04 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.89 1.63 0.00	26.10 1.73 0.00	29.38 1.87 0.00	30.61 2.37 0.00	31.68 2.24 0.00	33.91 2.21 -1.49	36.66 1.95 -3.21	40.89 2.16 -6.52	46.09 2.28 -5.81	63.91 3.27 -13.95	61.31 2.70 -13.55	51.87 1.83 -17.89	46.48 1.40 -15.36	38.95 1.25 -9.91	32.57 1.78 -2.94	29.25 1.86 -0.04

BROOKVLE_69_KV_TB1 55790	21.59 1.37 0.00	20.20 1.22 0.00	19.35 1.11 0.00	19.23 1.17 0.00	19.11 1.15 0.00	19.42 1.19 0.00	23.03 1.49 0.00	25.00 1.50 0.00	26.02 1.75 0.00	26.20 1.83 0.00	29.57 2.06 0.00	30.59 2.34 0.00	31.62 2.18 0.00	33.88 2.18 -1.48	36.56 1.86 -3.21	40.86 2.13 -6.52	46.16 2.36 -5.81	63.28 3.13 -13.47	57.82 2.61 -10.16	47.16 1.83 -13.19	44.33 1.40 -13.21	36.96 1.22 -7.95	32.17 1.39 -2.94	29.00 1.61 -0.03
BROOME_2_LFGE 323671	20.74 0.52 0.00	19.48 0.49 0.00	18.66 0.42 0.00	18.46 0.40 0.00	18.32 0.36 0.00	18.73 0.49 0.00	22.11 0.56 0.00	24.04 0.54 0.00	24.80 0.53 0.00	24.83 0.46 0.00	28.45 0.50 -0.45	29.43 0.68 -0.51	30.72 0.71 -0.58	32.34 0.91 -1.21	34.53 1.10 -1.94	36.57 1.22 -3.14	43.02 1.60 -3.42	54.28 1.63 -5.96	52.69 1.67 -5.97	40.24 1.22 -6.87	36.29 0.92 -5.65	32.37 0.67 -3.91	29.83 0.64 -1.35	28.29 0.52 -0.42
BROOME___LFGE 323600	20.74 0.52 0.00	19.48 0.49 0.00	18.66 0.42 0.00	18.46 0.40 0.00	18.32 0.36 0.00	18.73 0.49 0.00	22.11 0.56 0.00	24.04 0.54 0.00	24.80 0.53 0.00	24.83 0.46 0.00	28.45 0.50 -0.45	29.43 0.68 -0.51	30.72 0.71 -0.58	32.34 0.91 -1.21	34.53 1.10 -1.94	36.57 1.22 -3.14	43.02 1.60 -3.42	54.28 1.63 -5.96	52.69 1.67 -5.97	40.24 1.22 -6.87	36.29 0.92 -5.65	32.37 0.67 -3.91	29.83 0.64 -1.35	28.29 0.52 -0.42
BROWNFLS_115KV_TB_3_5 80003	20.31 0.10 0.00	19.06 0.08 0.00	18.27 0.04 0.00	18.09 0.04 0.00	18.01 0.05 0.00	18.31 0.07 0.00	21.78 0.24 0.00	23.73 0.23 0.00	24.49 0.22 0.00	24.62 0.24 0.00	28.13 0.22 -0.40	28.81 0.11 -0.45	29.96 0.00 -0.52	30.42 -0.42 -0.63	31.87 -0.35 -0.72	32.58 -0.39 -0.75	38.93 -0.30 -1.23	47.64 0.00 -0.95	46.36 0.23 -1.09	32.58 -0.10 -0.53	30.13 0.18 -0.23	28.48 0.31 -0.39	28.57 0.45 -0.28	28.13 0.41 -0.36
BROWNSV1_27_KV_LOAD 356125	21.41 1.19 0.00	20.07 1.08 0.00	19.26 1.02 0.00	19.18 1.12 0.00	19.04 1.08 0.00	19.29 1.06 0.00	22.82 1.27 0.00	25.03 1.53 0.00	26.02 1.75 0.00	26.20 1.83 0.00	29.49 1.98 0.00	30.70 2.46 0.00	31.88 2.44 0.00	34.09 2.39 -1.49	36.85 2.14 -3.21	41.15 2.42 -6.52	46.43 2.62 -5.81	64.28 3.64 -13.95	61.67 3.06 -13.55	52.16 2.12 -17.89	46.78 1.69 -15.36	39.20 1.50 -9.91	32.51 1.73 -2.94	29.16 1.78 -0.03
BURROWS___LYONSDAL 23803	20.68 0.46 0.00	19.41 0.42 0.00	18.60 0.36 0.00	18.40 0.34 0.00	18.32 0.36 0.00	18.65 0.42 0.00	22.17 0.62 0.00	24.13 0.63 0.00	24.88 0.61 0.00	24.96 0.58 0.00	28.44 0.61 -0.32	29.32 0.71 -0.37	30.63 0.77 -0.42	31.36 0.63 -0.51	32.96 0.88 -0.58	33.82 1.00 -0.61	40.49 1.48 -1.00	49.28 1.82 -0.77	47.87 1.94 -0.88	33.92 1.35 -0.43	31.19 1.28 -0.19	29.13 1.03 -0.32	29.07 1.00 -0.23	28.47 0.82 -0.29
CAITHNESS_CC_1 323624	21.91 1.70 0.00	20.49 1.50 0.00	19.57 1.33 0.00	19.34 1.28 0.00	19.32 1.36 0.00	19.69 1.46 0.00	23.33 1.79 0.00	24.88 1.39 0.00	25.82 1.55 0.00	26.10 1.73 0.00	29.43 1.92 0.00	29.77 1.52 0.00	30.82 1.38 0.00	33.06 1.36 -1.49	35.87 1.17 -3.21	40.28 1.55 -6.52	45.55 1.75 -5.80	62.93 2.47 -13.78	52.92 1.98 -5.89	40.76 1.35 -7.27	41.13 0.89 -10.52	33.98 0.69 -5.50	31.53 0.75 -2.94	28.45 1.07 -0.03
CALPINE BETH_PAGE_GT4 24209	21.71 1.50 0.00	20.30 1.31 0.00	19.42 1.19 0.00	19.27 1.21 0.00	19.18 1.22 0.00	19.51 1.28 0.00	23.16 1.62 0.00	25.00 1.50 0.00	26.04 1.77 0.00	26.22 1.85 0.00	29.57 2.06 0.00	30.45 2.20 0.00	31.23 1.80 0.01	33.42 1.72 -1.48	36.18 1.48 -3.21	40.34 1.61 -6.52	45.52 1.71 -5.80	62.39 2.33 -13.38	54.44 1.85 -7.55	42.99 1.29 -9.56	42.20 0.92 -11.56	35.07 0.83 -6.45	31.78 1.00 -2.94	28.83 1.45 -0.03
CALPINE_BETH_PAGE_GT_4 323586	21.69 1.47 0.00	20.30 1.31 0.00	19.42 1.18 0.00	19.22 1.16 0.00	19.18 1.22 0.00	19.51 1.28 0.00	23.14 1.59 0.00	25.00 1.51 0.00	25.94 1.67 0.00	26.20 1.83 0.00	29.57 2.06 0.00	30.02 1.78 0.00	31.17 1.74 0.01	33.33 1.63 -1.48	36.06 1.35 -3.21	40.27 1.55 -6.52	45.40 1.60 -5.80	62.35 2.29 -13.38	54.44 1.85 -7.55	42.93 1.22 -9.57	42.21 0.92 -11.56	35.13 0.89 -6.45	31.81 1.03 -2.94	28.72 1.34 -0.03
CALPINE_BP_GT1 23823	21.69 1.47 0.00	20.30 1.31 0.00	19.42 1.18 0.00	19.22 1.16 0.00	19.18 1.22 0.00	19.51 1.28 0.00	23.14 1.59 0.00	25.00 1.51 0.00	25.94 1.67 0.00	26.20 1.83 0.00	29.57 2.06 0.00	30.02 1.78 0.00	31.17 1.74 0.01	33.33 1.63 -1.48	36.06 1.35 -3.21	40.27 1.55 -6.52	45.40 1.60 -5.80	62.35 2.29 -13.38	54.44 1.85 -7.55	42.93 1.22 -9.57	42.21 0.92 -11.56	35.13 0.89 -6.45	31.81 1.03 -2.94	28.72 1.34 -0.03
CALSPAN___DRP 24200	20.96 0.75 0.00	19.67 0.68 0.00	18.77 0.53 0.00	18.38 0.33 0.00	18.35 0.40 0.00	18.95 0.71 0.00	22.04 0.50 0.00	23.94 0.45 0.00	24.88 0.61 0.00	24.79 0.41 0.00	27.95 0.44 0.00	28.84 0.59 0.00	30.56 1.12 0.00	32.10 1.63 -0.25	34.06 2.02 -0.55	35.52 2.19 -1.12	42.04 3.04 -0.99	51.89 2.85 -2.36	50.36 3.02 -2.29	37.19 2.02 -3.02	33.50 1.19 -2.59	30.18 0.72 -1.67	28.84 0.50 -0.50	27.93 0.57 0.00
CALVERTON___SOLAR 323806	22.03 1.82 0.00	20.58 1.60 0.00	19.66 1.42 0.00	19.43 1.37 0.00	19.41 1.45 0.00	19.80 1.57 0.00	23.46 1.92 0.00	24.91 1.41 0.00	25.87 1.60 0.00	26.15 1.78 0.00	29.49 1.98 0.00	29.82 1.58 0.00	30.88 1.44 0.00	33.18 1.48 -1.49	35.97 1.26 -3.21	40.40 1.67 -6.52	45.74 1.94 -5.80	63.22 2.75 -13.78	53.20 2.25 -5.90	40.96 1.54 -7.28	41.28 1.04 -10.52	34.10 0.81 -5.51	31.62 0.83 -2.94	28.50 1.12 -0.03
CANDIGU_WT_PWR 323617	21.00 0.79 0.00	19.69 0.70 0.00	18.80 0.57 0.00	18.56 0.50 0.00	18.41 0.45 0.00	18.96 0.73 0.00	22.28 0.73 0.00	24.23 0.73 0.00	25.04 0.78 0.00	24.98 0.61 0.00	28.38 0.63 -0.24	29.45 0.93 -0.27	30.75 1.00 -0.31	32.39 1.45 -0.72	34.40 1.73 -1.18	36.07 1.90 -1.96	42.67 2.59 -2.08	52.94 2.47 -3.78	51.43 2.61 -3.77	38.44 1.86 -4.43	34.61 1.22 -3.67	31.13 0.83 -2.51	29.50 0.81 -0.85	28.21 0.63 -0.23
CARR STREET_E_SYR 24060	20.29 0.08 0.00	19.03 0.04 0.00	18.24 0.00 0.00	18.04 -0.02 0.00	17.94 -0.02 0.00	18.31 0.07 0.00	21.61 0.06 0.00	23.52 0.02 0.00	24.29 0.02 0.00	24.32 -0.05 0.00	28.03 -0.08 -0.61	28.88 -0.06 -0.69	30.20 -0.03 -0.79	31.39 0.09 -1.08	33.08 0.22 -1.36	34.22 0.32 -1.69	40.89 0.53 -2.36	49.61 0.33 -2.60	48.22 0.40 -2.77	34.71 0.29 -2.28	31.58 0.24 -1.62	29.25 0.06 -1.41	28.54 0.03 -0.67	27.75 -0.16 -0.55
CARTHAGE___PAPER 23857	20.68 0.47 0.00	19.41 0.42 0.00	18.58 0.35 0.00	18.38 0.33 0.00	18.30 0.34 0.00	18.67 0.44 0.00	22.24 0.69 0.00	24.11 0.61 0.00	24.83 0.56 0.00	24.98 0.61 0.00	28.85 0.55 -0.79	29.73 0.59 -0.89	30.96 0.50 -1.02	31.94 0.48 -1.24	33.64 0.72 -1.42	34.57 0.87 -1.49	41.88 1.44 -2.43	50.48 1.91 -1.88	49.17 1.98 -2.15	34.71 1.51 -1.05	31.64 1.46 -0.46	29.81 1.25 -0.77	29.62 1.22 -0.56	29.05 0.98 -0.72

CASSADAGA_WT_PWR 323784	21.49 1.27 0.00	20.22 1.23 0.00	19.26 1.02 0.00	18.96 0.90 0.00	18.80 0.84 0.00	19.53 1.29 0.00	22.99 1.44 0.00	25.05 1.55 0.00	26.09 1.82 0.00	25.93 1.56 0.00	29.21 1.71 0.00	30.28 2.03 0.00	31.77 2.33 0.00	33.54 3.05 -0.27	35.56 3.46 -0.60	36.94 3.51 -1.22	43.65 4.56 -1.08	53.67 4.39 -2.60	52.03 4.46 -2.52	38.82 3.34 -3.33	34.81 2.23 -2.86	31.44 1.81 -1.84	30.09 1.70 -0.55	28.73 1.37 -0.01
CE_DUNWOOD___DRP 24194	21.22 1.01 0.00	19.92 0.93 0.00	19.11 0.88 0.00	19.02 0.96 0.00	18.86 0.90 0.00	19.15 0.91 0.00	22.65 1.10 0.00	24.77 1.27 0.00	25.72 1.46 0.00	25.88 1.51 0.00	29.16 1.65 0.00	30.33 2.09 0.00	31.50 2.06 0.00	33.73 2.02 -1.49	36.56 1.86 -3.21	40.81 2.09 -6.51	46.08 2.28 -5.80	63.64 3.03 -13.93	61.14 2.57 -13.53	51.80 1.80 -17.86	46.48 1.43 -15.33	38.95 1.28 -9.89	32.17 1.39 -2.93	28.86 1.48 -0.03
CE_MILLWOOD___DRP 24193	21.20 0.99 0.00	19.88 0.89 0.00	19.09 0.86 0.00	18.98 0.92 0.00	18.82 0.86 0.00	19.11 0.88 0.00	22.62 1.08 0.00	24.74 1.25 0.00	25.68 1.41 0.00	25.81 1.44 0.00	29.07 1.57 0.00	30.25 2.01 0.00	31.44 2.00 0.00	33.66 1.96 -1.48	36.48 1.80 -3.20	40.72 2.03 -6.49	46.02 2.24 -5.77	63.50 2.94 -13.87	61.00 2.48 -13.47	51.70 1.77 -17.79	46.39 1.40 -15.27	38.86 1.22 -9.85	32.10 1.34 -2.92	28.80 1.42 -0.03
CE_NYC2_DRP 24202	21.34 1.13 0.00	20.01 1.03 0.00	19.20 0.97 0.00	19.14 1.08 0.00	19.00 1.04 0.00	19.20 0.97 0.00	22.65 1.10 0.00	24.81 1.32 0.00	25.85 1.58 0.00	26.03 1.66 0.00	29.29 1.79 0.00	30.50 2.26 0.00	31.65 2.21 0.00	33.85 2.15 -1.49	36.60 1.89 -3.21	40.83 2.09 -6.52	46.02 2.20 -5.81	63.77 3.13 -13.95	61.13 2.52 -13.55	51.77 1.74 -17.89	46.42 1.34 -15.36	38.89 1.19 -9.91	32.40 1.61 -2.94	29.08 1.70 -0.03
CE_NYC_DRP 24195	21.28 1.07 0.00	19.96 0.97 0.00	19.15 0.91 0.00	19.07 1.01 0.00	18.91 0.95 0.00	19.18 0.95 0.00	22.69 1.14 0.00	24.84 1.34 0.00	25.85 1.58 0.00	26.00 1.63 0.00	29.27 1.76 0.00	30.47 2.23 0.00	31.65 2.21 0.00	33.82 2.12 -1.49	36.60 1.89 -3.21	40.86 2.13 -6.52	46.09 2.28 -5.81	63.86 3.22 -13.95	61.22 2.61 -13.55	51.87 1.83 -17.89	46.51 1.43 -15.36	38.95 1.25 -9.91	32.29 1.50 -2.94	28.94 1.56 -0.03
CHAFFEE___LFGE 323603	21.06 0.85 0.00	19.79 0.80 0.00	18.86 0.62 0.00	18.58 0.52 0.00	18.42 0.47 0.00	19.04 0.80 0.00	22.24 0.69 0.00	24.09 0.59 0.00	25.07 0.80 0.00	24.96 0.58 0.00	28.11 0.60 0.00	29.29 1.05 0.00	30.74 1.29 0.00	32.44 1.96 -0.26	34.46 2.39 -0.58	35.92 2.54 -1.17	42.46 3.42 -1.04	52.35 3.18 -2.49	50.89 3.42 -2.42	37.68 2.35 -3.19	33.74 1.28 -2.74	30.39 0.83 -1.77	29.18 0.81 -0.52	28.01 0.66 -0.01
CHATEAUG_35_KV_LOAD 355732	20.23 0.02 0.00	18.99 0.00 0.00	18.20 -0.04 0.00	18.04 -0.02 0.00	17.94 -0.02 0.00	18.18 -0.05 0.00	21.59 0.04 0.00	23.62 0.12 0.00	24.54 0.27 0.00	24.71 0.34 0.00	27.92 0.41 0.00	28.36 0.11 0.00	29.53 0.09 0.00	30.22 0.00 0.00	31.40 -0.09 0.00	32.01 -0.19 0.00	37.93 -0.08 0.00	46.92 0.23 0.00	45.32 0.27 0.00	32.34 0.19 0.00	29.93 0.21 0.00	28.12 0.33 0.00	28.01 0.17 0.00	27.57 0.22 0.00
CHATEAUG_WT_PWR 323614	20.25 0.04 0.00	19.03 0.04 0.00	18.24 0.00 0.00	18.06 0.00 0.00	17.98 0.02 0.00	18.20 -0.04 0.00	21.61 0.06 0.00	23.66 0.17 0.00	24.58 0.31 0.00	24.76 0.39 0.00	27.97 0.47 0.00	28.41 0.17 0.00	29.68 0.23 0.00	30.31 0.09 0.00	31.49 0.00 0.00	32.14 -0.06 0.00	38.00 0.00 0.00	47.01 0.33 0.00	45.37 0.32 0.00	32.34 0.19 0.00	29.93 0.21 0.00	28.15 0.36 0.00	28.01 0.17 0.00	27.60 0.25 0.00
CHAT_HIGH_FALL_HYD 323578	20.23 0.02 0.00	18.99 0.00 0.00	18.20 -0.04 0.00	18.04 -0.02 0.00	17.94 -0.02 0.00	18.18 -0.05 0.00	21.59 0.04 0.00	23.62 0.12 0.00	24.54 0.27 0.00	24.71 0.34 0.00	27.92 0.41 0.00	28.36 0.11 0.00	29.59 0.15 0.00	30.19 -0.03 0.00	31.40 -0.09 0.00	32.02 -0.19 0.00	37.93 -0.08 0.00	46.92 0.23 0.00	45.32 0.27 0.00	32.30 0.16 0.00	29.90 0.18 0.00	28.12 0.33 0.00	27.98 0.14 0.00	27.57 0.22 0.00
CHAUTAUQUA___LFGE 323629	21.36 1.15 0.00	20.09 1.10 0.00	19.13 0.89 0.00	18.85 0.79 0.00	18.70 0.74 0.00	19.37 1.13 0.00	22.73 1.18 0.00	24.72 1.22 0.00	25.70 1.43 0.00	25.57 1.19 0.00	28.80 1.29 0.00	29.88 1.64 0.00	31.35 1.91 0.00	33.08 2.60 -0.27	35.07 2.99 -0.58	36.51 3.12 -1.18	43.12 4.07 -1.05	53.07 3.87 -2.52	51.46 3.97 -2.44	38.26 2.89 -3.23	34.34 1.84 -2.77	30.96 1.39 -1.79	29.71 1.34 -0.53	28.45 1.10 -0.01
CHERRYST_13_KV_LD 356241	21.32 1.11 0.00	20.00 1.01 0.00	19.18 0.95 0.00	19.12 1.07 0.00	18.96 1.01 0.00	19.22 0.98 0.00	22.75 1.21 0.00	24.91 1.41 0.00	25.92 1.65 0.00	26.10 1.73 0.00	29.38 1.87 0.00	30.59 2.34 0.00	31.77 2.33 0.00	33.94 2.24 -1.49	36.69 1.98 -3.21	40.99 2.25 -6.52	46.24 2.43 -5.81	64.05 3.41 -13.95	61.40 2.79 -13.55	51.96 1.93 -17.89	46.57 1.49 -15.36	39.03 1.33 -9.91	32.34 1.56 -2.94	29.00 1.61 -0.03
CHESTROR_138KV_BK263 355645	21.08 0.87 0.00	19.77 0.78 0.00	18.98 0.75 0.00	18.85 0.79 0.00	18.71 0.75 0.00	19.00 0.77 0.00	22.50 0.95 0.00	24.58 1.08 0.00	25.48 1.21 0.00	25.59 1.22 0.00	28.83 1.32 0.00	29.97 1.72 0.00	31.18 1.74 0.00	33.32 1.72 -1.38	36.07 1.61 -2.97	40.08 1.84 -6.04	45.43 2.05 -5.37	62.25 2.66 -12.91	59.88 2.30 -12.54	50.36 1.67 -16.55	45.27 1.34 -14.21	38.09 1.14 -9.17	31.79 1.23 -2.72	28.67 1.29 -0.03
CH_MIDHUDSON___DRP 24192	21.20 0.99 0.00	19.88 0.89 0.00	19.11 0.88 0.00	19.00 0.94 0.00	18.84 0.88 0.00	19.11 0.88 0.00	22.62 1.08 0.00	24.72 1.22 0.00	25.65 1.38 0.00	25.79 1.41 0.00	29.07 1.57 0.00	30.28 2.03 0.00	31.47 2.03 0.00	33.75 1.99 -1.54	36.69 1.89 -3.31	41.09 2.16 -6.72	46.42 2.43 -5.98	64.23 3.17 -14.37	61.76 2.75 -13.96	52.57 1.99 -18.43	47.15 1.60 -15.82	39.38 1.39 -10.21	32.35 1.48 -3.03	28.97 1.59 -0.03
CH_MISC_IPPS 23765	21.26 1.05 0.00	19.92 0.93 0.00	19.15 0.91 0.00	19.00 0.94 0.00	18.87 0.92 0.00	19.15 0.91 0.00	22.67 1.12 0.00	24.81 1.32 0.00	25.65 1.38 0.00	25.88 1.51 0.00	29.18 1.68 0.00	30.36 2.12 0.00	31.56 2.12 0.00	33.85 2.11 -1.51	36.76 2.02 -3.25	41.20 2.38 -6.60	46.50 2.62 -5.88	64.41 3.59 -14.13	61.92 3.15 -13.72	52.54 2.28 -18.11	47.18 1.90 -15.55	39.37 1.56 -10.03	32.46 1.64 -2.98	29.11 1.72 -0.03
CH_RES_BVR_FALLS 23983	19.91 -0.30 0.00	18.72 -0.27 0.00	17.98 -0.26 0.00	17.81 -0.25 0.00	17.71 -0.25 0.00	17.96 -0.27 0.00	21.25 -0.30 0.00	23.19 -0.31 0.00	23.98 -0.29 0.00	24.10 -0.27 0.00	27.20 -0.30 0.00	27.79 -0.45 0.00	28.94 -0.50 0.00	29.58 -0.64 0.00	30.83 -0.66 0.00	31.43 -0.77 0.00	37.09 -0.91 0.00	45.75 -0.93 0.00	44.10 -0.95 0.00	31.40 -0.74 0.00	29.10 -0.63 0.00	27.31 -0.47 0.00	27.34 -0.50 0.00	26.92 -0.44 0.00

CH_RES_NIAGARA 23895	20.36 0.14 0.00	19.05 0.06 0.00	18.16 -0.07 0.00	17.91 -0.15 0.00	17.78 -0.18 0.00	18.34 0.11 0.00	21.33 -0.22 0.00	23.03 -0.47 0.00	23.91 -0.36 0.00	23.81 -0.56 0.00	26.96 -0.55 0.00	27.93 -0.31 0.00	29.29 -0.15 0.00	30.72 0.27 -0.23	32.62 0.63 -0.50	33.96 0.74 -1.01	40.12 1.22 -0.90	49.72 0.88 -2.15	48.30 1.17 -2.09	35.76 0.87 -2.75	32.21 0.12 -2.36	29.09 -0.22 -1.53	28.16 -0.14 -0.45	27.25 -0.11 0.00
CH_RES_SYRACUSE 23985	20.37 0.16 0.00	19.12 0.13 0.00	18.33 0.09 0.00	18.13 0.07 0.00	18.03 0.07 0.00	18.40 0.16 0.00	21.72 0.17 0.00	23.64 0.14 0.00	24.41 0.15 0.00	24.45 0.07 0.00	28.75 0.11 -1.14	29.75 0.22 -1.28	31.11 0.21 -1.46	32.50 0.36 -1.92	34.34 0.50 -2.34	35.55 0.58 -2.76	42.88 0.84 -4.04	51.45 0.74 -4.02	50.26 0.85 -4.36	35.95 0.61 -3.20	32.28 0.45 -2.12	30.08 0.25 -2.04	29.12 0.20 -1.08	28.41 0.03 -1.03
CLINTON_WT_PWR 323605	20.25 0.04 0.00	19.03 0.04 0.00	18.24 0.00 0.00	18.06 0.00 0.00	17.98 0.02 0.00	18.20 -0.04 0.00	21.61 0.06 0.00	23.66 0.17 0.00	24.58 0.31 0.00	24.76 0.39 0.00	27.97 0.47 0.00	28.41 0.17 0.00	29.68 0.23 0.00	30.31 0.09 0.00	31.49 0.00 0.00	32.14 -0.06 0.00	38.00 0.00 0.00	47.01 0.33 0.00	45.37 0.32 0.00	32.34 0.19 0.00	29.93 0.21 0.00	28.15 0.36 0.00	28.01 0.17 0.00	27.60 0.25 0.00
CLINTON___LFGE 323618	20.41 0.20 0.00	19.18 0.19 0.00	18.38 0.15 0.00	18.20 0.14 0.00	18.12 0.16 0.00	18.34 0.11 0.00	21.81 0.26 0.00	23.85 0.35 0.00	24.80 0.53 0.00	25.00 0.63 0.00	28.25 0.74 0.00	28.72 0.48 0.00	30.00 0.56 0.00	30.61 0.39 0.00	31.84 0.35 0.00	32.50 0.29 0.00	38.54 0.53 0.00	47.67 0.98 0.00	46.00 0.95 0.00	32.82 0.68 0.00	30.28 0.56 0.00	28.45 0.67 0.00	28.26 0.42 0.00	27.85 0.49 0.00
COBBLENY_34_KV_TB1 80064	21.04 0.83 0.00	19.77 0.78 0.00	18.86 0.62 0.00	18.46 0.40 0.00	18.43 0.47 0.00	19.04 0.80 0.00	22.17 0.62 0.00	24.09 0.59 0.00	25.07 0.80 0.00	24.98 0.61 0.00	28.11 0.61 0.00	29.09 0.85 0.00	30.85 1.41 0.00	32.45 1.96 -0.26	34.43 2.36 -0.58	35.92 2.54 -1.17	42.50 3.46 -1.04	52.51 3.36 -2.47	51.00 3.56 -2.40	37.65 2.35 -3.16	33.86 1.43 -2.72	30.46 0.92 -1.75	29.03 0.67 -0.52	28.04 0.68 -0.01
COFFEEN___115KV_TB3 355620	20.94 0.73 0.00	19.65 0.66 0.00	18.80 0.57 0.00	18.58 0.52 0.00	18.50 0.54 0.00	18.91 0.67 0.00	22.56 1.01 0.00	24.41 0.92 0.00	25.07 0.80 0.00	25.30 0.93 0.00	29.35 0.88 -0.96	30.29 0.96 -1.09	31.74 1.06 -1.24	32.78 1.06 -1.51	34.61 1.39 -1.73	35.66 1.64 -1.81	43.43 2.47 -2.96	52.01 3.03 -2.29	51.04 3.38 -2.61	35.83 2.41 -1.28	32.57 2.29 -0.56	30.59 1.86 -0.94	30.27 1.75 -0.68	29.65 1.42 -0.87
COLDSPRG_115KV_BK1 355956	21.53 1.31 0.00	20.30 1.31 0.00	19.35 1.11 0.00	18.91 0.85 0.00	18.87 0.92 0.00	19.58 1.35 0.00	23.01 1.47 0.00	25.10 1.60 0.00	26.14 1.87 0.00	25.96 1.58 0.00	29.10 1.60 0.00	29.97 1.72 0.00	31.77 2.33 0.00	33.44 2.93 -0.29	35.23 3.12 -0.62	36.76 3.29 -1.27	43.43 4.29 -1.13	53.66 4.29 -2.69	51.98 4.32 -2.61	38.74 3.15 -3.44	35.08 2.41 -2.96	31.58 1.89 -1.91	30.00 1.59 -0.57	28.73 1.37 -0.01
COLONIE_LFGE___ 323577	21.06 0.85 0.00	19.80 0.82 0.00	19.04 0.80 0.00	18.87 0.81 0.00	18.77 0.81 0.00	19.00 0.77 0.00	22.45 0.90 0.00	24.46 0.96 0.00	25.21 0.95 0.00	25.37 1.00 0.00	28.64 1.13 0.00	29.74 1.50 0.00	30.97 1.53 0.00	36.03 1.63 -4.18	41.80 1.70 -8.61	51.45 1.77 -17.48	55.61 2.05 -15.56	85.57 2.47 -36.41	82.76 2.34 -35.37	80.50 1.67 -46.69	71.35 1.54 -40.08	55.06 1.42 -25.86	37.02 1.50 -7.67	28.93 1.50 -0.07
COOPERNY_115KV_TB1 80082	20.94 0.73 0.00	19.65 0.66 0.00	18.89 0.66 0.00	18.74 0.69 0.00	18.61 0.65 0.00	18.87 0.64 0.00	22.34 0.80 0.00	24.41 0.92 0.00	25.29 1.02 0.00	25.42 1.05 0.00	28.63 1.13 0.00	29.74 1.50 0.00	30.94 1.50 0.00	32.73 1.45 -1.06	35.13 1.35 -2.29	38.39 1.55 -4.64	43.84 1.71 -4.13	58.84 2.24 -9.92	56.62 1.94 -9.63	46.24 1.38 -12.72	41.77 1.13 -10.92	35.80 0.97 -7.04	30.99 1.06 -2.09	28.47 1.09 -0.02
COPENHAGEN_WT_PWR 323753	20.74 0.52 0.00	19.46 0.47 0.00	18.62 0.38 0.00	18.44 0.38 0.00	18.34 0.38 0.00	18.73 0.49 0.00	22.30 0.75 0.00	24.18 0.68 0.00	24.85 0.58 0.00	25.03 0.66 0.00	29.12 0.60 -1.01	30.06 0.68 -1.14	31.39 0.65 -1.30	32.52 0.72 -1.58	34.31 1.01 -1.81	35.33 1.22 -1.90	42.96 1.86 -3.10	51.32 2.24 -2.40	50.12 2.34 -2.73	35.28 1.80 -1.34	32.00 1.69 -0.59	30.16 1.39 -0.98	29.89 1.34 -0.71	29.28 1.01 -0.91
CORNELL___ 23752	20.90 0.69 0.00	19.62 0.63 0.00	18.78 0.55 0.00	18.55 0.49 0.00	18.46 0.50 0.00	18.87 0.64 0.00	22.30 0.75 0.00	24.34 0.85 0.00	25.09 0.83 0.00	25.13 0.76 0.00	28.96 0.83 -0.63	29.91 0.96 -0.71	31.37 1.12 -0.81	32.79 1.24 -1.33	34.69 1.32 -1.88	36.36 1.45 -2.70	43.38 2.09 -3.28	53.85 2.43 -4.74	52.47 2.57 -4.85	38.97 1.83 -4.99	35.20 1.55 -3.94	31.87 1.17 -2.91	30.00 1.03 -1.12	28.80 0.88 -0.57
CORONA_V_69_KV_TB1 355595	21.57 1.35 0.00	20.19 1.20 0.00	19.31 1.08 0.00	19.18 1.12 0.00	19.07 1.11 0.00	19.38 1.15 0.00	23.01 1.47 0.00	24.86 1.36 0.00	25.87 1.60 0.00	26.05 1.68 0.00	29.43 1.93 0.00	30.39 2.15 0.00	31.38 1.94 0.01	33.63 1.93 -1.48	36.43 1.73 -3.21	40.76 2.03 -6.52	45.97 2.17 -5.80	63.52 2.89 -13.94	60.24 2.39 -12.80	50.70 1.70 -16.85	45.88 1.28 -14.88	38.43 1.17 -9.47	32.00 1.23 -2.94	28.83 1.45 -0.03
CORTLAND_115KV_TB3 80093	20.70 0.49 0.00	19.43 0.44 0.00	18.62 0.38 0.00	18.38 0.33 0.00	18.30 0.34 0.00	18.69 0.46 0.00	22.09 0.54 0.00	24.06 0.56 0.00	24.83 0.56 0.00	24.88 0.51 0.00	28.70 0.55 -0.65	29.65 0.68 -0.73	31.07 0.79 -0.83	32.41 0.91 -1.28	34.28 1.04 -1.75	35.78 1.16 -2.41	42.65 1.60 -3.05	52.54 1.77 -4.08	51.12 1.85 -4.22	37.58 1.32 -4.12	34.00 1.10 -3.18	31.03 0.81 -2.44	29.53 0.70 -0.99	28.49 0.55 -0.59
COXSACKIE___GT 23611	21.26 1.05 0.00	19.98 0.99 0.00	19.26 1.02 0.00	19.09 1.03 0.00	18.98 1.02 0.00	19.22 0.98 0.00	22.73 1.18 0.00	24.77 1.27 0.00	25.55 1.29 0.00	25.69 1.32 0.00	28.96 1.46 0.00	30.05 1.81 0.00	31.56 2.12 0.00	35.13 2.20 -2.71	39.24 2.46 -5.29	45.42 2.48 -10.74	50.56 3.00 -9.56	73.66 3.87 -23.10	71.36 3.87 -22.44	64.69 2.92 -29.62	57.77 2.62 -25.43	46.44 2.25 -16.41	34.83 2.12 -4.87	29.45 2.05 -0.05
CPV_VALLEY___CC1 323721	20.96 0.75 0.00	19.67 0.68 0.00	18.89 0.66 0.00	18.73 0.67 0.00	18.62 0.66 0.00	18.91 0.68 0.00	22.37 0.82 0.00	24.44 0.94 0.00	25.24 0.97 0.00	25.44 1.07 0.00	28.66 1.16 0.00	29.71 1.47 0.00	30.91 1.47 0.00	32.95 1.45 -1.28	35.59 1.32 -2.77	39.42 1.58 -5.63	44.69 1.67 -5.01	61.01 2.29 -12.04	58.68 1.94 -11.70	48.94 1.35 -15.44	44.11 1.13 -13.26	37.25 0.92 -8.55	31.41 1.03 -2.54	28.47 1.10 -0.02

CPV_VALLEY___CC2 323722	20.96 0.75 0.00	19.67 0.68 0.00	18.89 0.66 0.00	18.73 0.67 0.00	18.62 0.66 0.00	18.91 0.68 0.00	22.37 0.82 0.00	24.44 0.94 0.00	25.24 0.97 0.00	25.44 1.07 0.00	28.66 1.16 0.00	29.71 1.47 0.00	30.91 1.47 0.00	32.95 1.45 -1.28	35.59 1.32 -2.77	39.42 1.58 -5.63	44.69 1.67 -5.01	61.01 2.29 -12.04	58.68 1.94 -11.70	48.94 1.35 -15.44	44.11 1.13 -13.26	37.25 0.92 -8.55	31.41 1.03 -2.54	28.47 1.10 -0.02
CRESCENT___HYD 24018	21.06 0.85 0.00	19.80 0.82 0.00	19.04 0.80 0.00	18.87 0.81 0.00	18.77 0.81 0.00	19.00 0.77 0.00	22.45 0.90 0.00	24.46 0.96 0.00	25.21 0.95 0.00	25.37 1.00 0.00	28.64 1.13 0.00	29.74 1.50 0.00	30.97 1.53 0.00	36.03 1.63 -4.18	41.80 1.70 -8.61	51.45 1.77 -17.48	55.61 2.05 -15.56	85.57 2.47 -36.41	82.76 2.34 -35.37	80.50 1.67 -46.69	71.35 1.54 -40.08	55.06 1.42 -25.86	37.02 1.50 -7.67	28.93 1.50 -0.07
CRICKET___VALLEY_CC1 323756	21.10 0.89 0.00	19.82 0.83 0.00	19.04 0.80 0.00	18.89 0.83 0.00	18.77 0.81 0.00	19.04 0.80 0.00	22.49 0.95 0.00	24.53 1.03 0.00	25.31 1.04 0.00	25.54 1.17 0.00	28.85 1.35 0.00	29.91 1.67 0.00	31.09 1.65 0.00	33.46 1.63 -1.62	36.46 1.48 -3.48	41.02 1.74 -7.07	46.12 1.82 -6.29	64.12 2.33 -15.10	61.75 2.03 -14.67	52.92 1.41 -19.37	47.57 1.22 -16.63	39.57 1.06 -10.73	32.25 1.22 -3.18	28.75 1.37 -0.03
CRICKET___VALLEY_CC2 323757	21.10 0.89 0.00	19.82 0.83 0.00	19.04 0.80 0.00	18.89 0.83 0.00	18.77 0.81 0.00	19.04 0.80 0.00	22.49 0.95 0.00	24.53 1.03 0.00	25.31 1.04 0.00	25.54 1.17 0.00	28.85 1.35 0.00	29.91 1.67 0.00	31.09 1.65 0.00	33.46 1.63 -1.62	36.46 1.48 -3.48	41.02 1.74 -7.07	46.12 1.82 -6.29	64.12 2.33 -15.10	61.75 2.03 -14.67	52.92 1.41 -19.37	47.57 1.22 -16.63	39.57 1.06 -10.73	32.25 1.22 -3.18	28.75 1.37 -0.03
CRICKET___VALLEY_CC3 323758	21.10 0.89 0.00	19.82 0.83 0.00	19.04 0.80 0.00	18.89 0.83 0.00	18.77 0.81 0.00	19.04 0.80 0.00	22.49 0.95 0.00	24.53 1.03 0.00	25.31 1.04 0.00	25.54 1.17 0.00	28.85 1.35 0.00	29.91 1.67 0.00	31.09 1.65 0.00	33.46 1.63 -1.62	36.46 1.48 -3.48	41.02 1.74 -7.07	46.12 1.82 -6.29	64.12 2.33 -15.10	61.75 2.03 -14.67	52.92 1.41 -19.37	47.57 1.22 -16.63	39.57 1.06 -10.73	32.25 1.22 -3.18	28.75 1.37 -0.03
CRUCIBLE_METL_DRP 24180	20.37 0.16 0.00	19.12 0.13 0.00	18.33 0.09 0.00	18.11 0.05 0.00	18.03 0.07 0.00	18.40 0.16 0.00	21.72 0.17 0.00	23.64 0.14 0.00	24.37 0.10 0.00	24.44 0.07 0.00	28.75 0.11 -1.14	29.72 0.20 -1.28	31.20 0.29 -1.46	32.50 0.36 -1.92	34.34 0.50 -2.34	35.55 0.58 -2.76	42.92 0.87 -4.04	51.50 0.79 -4.02	50.27 0.86 -4.36	35.96 0.61 -3.20	32.28 0.45 -2.12	30.08 0.25 -2.04	29.09 0.17 -1.08	28.41 0.03 -1.03
DAHOWA___HYDRO 323763	21.32 1.11 0.00	20.01 1.02 0.00	19.22 0.98 0.00	19.05 0.99 0.00	18.95 0.99 0.00	19.22 0.98 0.00	22.75 1.21 0.00	24.79 1.29 0.00	25.53 1.26 0.00	25.64 1.27 0.00	28.88 1.37 0.00	30.11 1.86 0.00	31.41 1.97 0.00	37.01 2.18 -4.62	43.42 2.36 -9.56	53.96 2.35 -19.40	58.20 2.93 -17.27	90.54 3.83 -40.03	87.67 3.74 -38.89	86.17 2.70 -51.33	76.25 2.47 -44.07	58.49 2.28 -28.43	38.48 2.20 -8.44	29.54 2.11 -0.08
DANC___LFGE 323619	20.50 0.28 0.00	19.24 0.25 0.00	18.42 0.18 0.00	18.22 0.16 0.00	18.14 0.18 0.00	18.51 0.27 0.00	21.98 0.43 0.00	23.83 0.33 0.00	24.56 0.29 0.00	24.67 0.29 0.00	29.01 0.25 -1.26	29.97 0.31 -1.42	31.36 0.29 -1.62	32.61 0.42 -1.97	34.38 0.63 -2.26	35.35 0.77 -2.37	43.05 1.18 -3.87	51.03 1.35 -2.99	49.94 1.48 -3.41	34.94 1.12 -1.67	31.47 1.01 -0.73	29.82 0.81 -1.23	29.48 0.75 -0.88	29.01 0.52 -1.14
DANSKAMMER___1 23586	21.26 1.05 0.00	19.92 0.93 0.00	19.15 0.91 0.00	19.00 0.94 0.00	18.87 0.92 0.00	19.15 0.91 0.00	22.67 1.12 0.00	24.81 1.32 0.00	25.65 1.38 0.00	25.88 1.51 0.00	29.18 1.68 0.00	30.36 2.12 0.00	31.56 2.12 0.00	33.85 2.11 -1.51	36.76 2.02 -3.25	41.20 2.38 -6.60	46.50 2.62 -5.88	64.41 3.59 -14.13	61.92 3.15 -13.72	52.54 2.28 -18.11	47.18 1.90 -15.55	39.37 1.56 -10.03	32.46 1.64 -2.98	29.11 1.72 -0.03
DANSKAMMER___2 23589	21.26 1.05 0.00	19.92 0.93 0.00	19.15 0.91 0.00	19.00 0.94 0.00	18.87 0.92 0.00	19.15 0.91 0.00	22.67 1.12 0.00	24.81 1.32 0.00	25.65 1.38 0.00	25.88 1.51 0.00	29.18 1.68 0.00	30.36 2.12 0.00	31.56 2.12 0.00	33.85 2.11 -1.51	36.76 2.02 -3.25	41.20 2.38 -6.60	46.50 2.62 -5.88	64.41 3.59 -14.13	61.92 3.15 -13.72	52.54 2.28 -18.11	47.18 1.90 -15.55	39.37 1.56 -10.03	32.46 1.64 -2.98	29.11 1.72 -0.03
DANSKAMMER___3 23590	21.26 1.05 0.00	19.92 0.93 0.00	19.15 0.91 0.00	19.00 0.94 0.00	18.87 0.92 0.00	19.15 0.91 0.00	22.67 1.12 0.00	24.81 1.32 0.00	25.65 1.38 0.00	25.88 1.51 0.00	29.18 1.68 0.00	30.36 2.12 0.00	31.56 2.12 0.00	33.85 2.11 -1.51	36.76 2.02 -3.25	41.20 2.38 -6.60	46.50 2.62 -5.88	64.41 3.59 -14.13	61.92 3.15 -13.72	52.54 2.28 -18.11	47.18 1.90 -15.55	39.37 1.56 -10.03	32.46 1.64 -2.98	29.11 1.72 -0.03
DANSKAMMER___4 23591	21.26 1.05 0.00	19.92 0.93 0.00	19.15 0.91 0.00	19.00 0.94 0.00	18.87 0.92 0.00	19.15 0.91 0.00	22.67 1.12 0.00	24.81 1.32 0.00	25.65 1.38 0.00	25.88 1.51 0.00	29.18 1.68 0.00	30.36 2.12 0.00	31.56 2.12 0.00	33.85 2.11 -1.51	36.76 2.02 -3.25	41.20 2.38 -6.60	46.50 2.62 -5.88	64.41 3.59 -14.13	61.92 3.15 -13.72	52.54 2.28 -18.11	47.18 1.90 -15.55	39.37 1.56 -10.03	32.46 1.64 -2.98	29.11 1.72 -0.03
DANSKAMMER___DIESEL 23592	21.26 1.05 0.00	19.92 0.93 0.00	19.15 0.91 0.00	19.03 0.98 0.00	18.87 0.92 0.00	19.15 0.91 0.00	22.69 1.14 0.00	24.81 1.32 0.00	25.75 1.48 0.00	25.91 1.54 0.00	29.18 1.68 0.00	30.42 2.17 0.00	31.65 2.21 0.00	33.91 2.18 -1.51	36.86 2.11 -3.25	41.23 2.42 -6.60	46.62 2.74 -5.88	64.45 3.64 -14.13	61.92 3.15 -13.72	52.57 2.31 -18.11	47.17 1.90 -15.55	39.40 1.58 -10.03	32.46 1.64 -2.98	29.11 1.72 -0.03
DARBY___SOLAR 323810	21.28 1.07 0.00	19.98 0.99 0.00	19.18 0.95 0.00	19.01 0.96 0.00	18.91 0.95 0.00	19.18 0.95 0.00	22.69 1.14 0.00	24.72 1.22 0.00	25.48 1.21 0.00	25.59 1.22 0.00	28.85 1.35 0.00	30.02 1.78 0.00	31.35 1.91 0.00	36.87 2.08 -4.57	43.21 2.27 -9.45	53.64 2.25 -19.17	57.85 2.77 -17.07	89.84 3.55 -39.61	86.99 3.47 -38.48	85.41 2.48 -50.79	75.61 2.29 -43.60	58.00 2.08 -28.13	38.22 2.03 -8.35	29.40 1.97 -0.08
DASHVILLE___HYD 23610	21.10 0.89 0.00	19.75 0.76 0.00	18.97 0.73 0.00	18.87 0.81 0.00	18.71 0.75 0.00	18.96 0.73 0.00	22.45 0.90 0.00	24.53 1.03 0.00	25.48 1.21 0.00	25.61 1.24 0.00	28.85 1.35 0.00	30.19 1.95 0.00	31.38 1.94 0.00	33.57 1.51 -1.84	36.68 1.39 -3.80	41.66 1.74 -7.72	46.77 1.90 -6.87	65.94 2.71 -16.54	63.28 2.16 -16.07	54.96 1.61 -21.21	49.09 1.16 -18.21	40.42 0.89 -11.75	32.33 1.00 -3.49	28.73 1.34 -0.03

DEERFIELD_69_KV_DEERFIELD LD 355887	22.48 2.26 0.00	21.00 2.01 0.00	20.06 1.82 0.00	19.86 1.81 0.00	19.79 1.83 0.00	20.20 1.97 0.00	23.92 2.37 0.00	25.43 1.93 0.00	26.50 2.23 0.00	26.74 2.36 0.00	30.20 2.70 0.00	30.95 2.71 0.00	31.85 2.41 0.00	34.15 2.45 -1.49	37.00 2.30 -3.21	41.47 2.74 -6.52	47.15 3.34 -5.80	64.85 4.39 -13.78	54.82 3.87 -5.90	42.12 2.70 -7.28	42.12 1.87 -10.52	34.93 1.64 -5.51	32.31 1.53 -2.94	29.32 1.94 -0.03
DELAWARE___LFGE 323621	20.82 0.61 0.00	19.58 0.59 0.00	18.80 0.57 0.00	18.62 0.56 0.00	18.50 0.54 0.00	18.80 0.57 0.00	22.22 0.67 0.00	24.23 0.73 0.00	25.05 0.78 0.00	25.15 0.78 0.00	28.54 0.85 -0.18	29.47 1.02 -0.21	30.77 1.09 -0.24	32.86 1.12 -1.52	35.63 1.17 -2.97	39.23 1.32 -5.71	44.90 1.56 -5.34	60.16 1.77 -11.70	58.24 1.76 -11.44	48.08 1.25 -14.68	43.32 1.10 -12.50	36.88 0.92 -8.18	31.24 0.89 -2.50	28.39 0.85 -0.19
DERFIELD_115KV_TB7 355931	20.27 0.06 0.00	19.05 0.06 0.00	18.29 0.05 0.00	18.11 0.05 0.00	18.01 0.05 0.00	18.29 0.05 0.00	21.61 0.06 0.00	23.57 0.07 0.00	24.32 0.05 0.00	24.42 0.05 0.00	27.56 0.06 0.00	28.38 0.14 0.00	29.59 0.15 0.00	30.37 0.15 0.00	31.65 0.16 0.00	32.40 0.19 0.00	38.27 0.27 0.00	46.96 0.28 0.00	45.27 0.23 0.00	32.34 0.19 0.00	29.87 0.15 0.00	27.87 0.08 0.00	27.93 0.08 0.00	27.44 0.08 0.00
DOGLEVILLE___HYD 23807	20.09 -0.12 0.00	18.86 -0.13 0.00	18.11 -0.13 0.00	17.91 -0.15 0.00	17.85 -0.11 0.00	18.13 -0.11 0.00	21.42 -0.13 0.00	23.36 -0.14 0.00	24.10 -0.17 0.00	24.25 -0.12 0.00	27.34 -0.16 0.00	28.36 0.11 0.00	29.32 -0.12 0.00	30.16 -0.06 0.00	31.37 -0.13 0.00	32.11 -0.10 0.00	37.93 -0.08 0.00	46.50 -0.19 0.00	44.78 -0.27 0.00	31.95 -0.19 0.00	29.45 -0.27 0.00	27.51 -0.28 0.00	27.62 -0.22 0.00	27.11 -0.25 0.00
DUNKIRK___115KV_TB_200 55889	21.32 1.11 0.00	20.03 1.04 0.00	19.11 0.88 0.00	18.69 0.63 0.00	18.66 0.70 0.00	19.33 1.09 0.00	22.62 1.08 0.00	24.65 1.15 0.00	25.65 1.38 0.00	25.52 1.15 0.00	28.72 1.21 0.00	29.60 1.36 0.00	31.33 1.88 0.00	32.99 2.51 -0.26	34.91 2.83 -0.58	36.38 3.00 -1.18	43.00 3.95 -1.05	53.14 3.97 -2.48	51.47 4.01 -2.41	38.09 2.76 -3.18	34.39 1.93 -2.73	30.97 1.42 -1.76	29.51 1.14 -0.52	28.43 1.07 -0.01
DUNKIRK___1 23563	21.32 1.11 0.00	20.03 1.04 0.00	19.11 0.88 0.00	18.69 0.63 0.00	18.66 0.70 0.00	19.33 1.09 0.00	22.62 1.08 0.00	24.65 1.15 0.00	25.65 1.38 0.00	25.52 1.15 0.00	28.72 1.21 0.00	29.60 1.36 0.00	31.33 1.88 0.00	32.99 2.51 -0.26	34.91 2.83 -0.58	36.38 3.00 -1.18	43.00 3.95 -1.05	53.14 3.97 -2.48	51.47 4.01 -2.41	38.09 2.76 -3.18	34.39 1.93 -2.73	30.97 1.42 -1.76	29.51 1.14 -0.52	28.43 1.07 -0.01
DUNKIRK___2 23564	21.32 1.11 0.00	20.03 1.04 0.00	19.11 0.88 0.00	18.69 0.63 0.00	18.66 0.70 0.00	19.33 1.09 0.00	22.62 1.08 0.00	24.65 1.15 0.00	25.65 1.38 0.00	25.52 1.15 0.00	28.72 1.21 0.00	29.60 1.36 0.00	31.33 1.88 0.00	32.99 2.51 -0.26	34.91 2.83 -0.58	36.38 3.00 -1.18	43.00 3.95 -1.05	53.14 3.97 -2.48	51.47 4.01 -2.41	38.09 2.76 -3.18	34.39 1.93 -2.73	30.97 1.42 -1.76	29.51 1.14 -0.52	28.43 1.07 -0.01
DUNKIRK___3 23565	21.18 0.97 0.00	19.90 0.91 0.00	18.98 0.75 0.00	18.58 0.52 0.00	18.53 0.57 0.00	19.18 0.95 0.00	22.43 0.88 0.00	24.44 0.94 0.00	25.41 1.14 0.00	25.27 0.90 0.00	28.44 0.94 0.00	29.32 1.07 0.00	31.00 1.56 0.00	32.66 2.18 -0.27	34.56 2.49 -0.58	36.03 2.64 -1.18	42.62 3.57 -1.05	52.67 3.50 -2.49	51.02 3.56 -2.42	37.77 2.44 -3.19	34.09 1.63 -2.74	30.69 1.14 -1.77	29.26 0.89 -0.52	28.21 0.85 -0.01
DUNKIRK___4 23566	21.18 0.97 0.00	19.90 0.91 0.00	18.98 0.75 0.00	18.58 0.52 0.00	18.53 0.57 0.00	19.18 0.95 0.00	22.43 0.88 0.00	24.44 0.94 0.00	25.41 1.14 0.00	25.27 0.90 0.00	28.44 0.94 0.00	29.32 1.07 0.00	31.00 1.56 0.00	32.66 2.18 -0.27	34.56 2.49 -0.58	36.03 2.64 -1.18	42.62 3.57 -1.05	52.67 3.50 -2.49	51.02 3.56 -2.42	37.77 2.44 -3.19	34.09 1.63 -2.74	30.69 1.14 -1.77	29.26 0.89 -0.52	28.21 0.85 -0.01
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	21.24 1.03 0.00	19.92 0.93 0.00	19.13 0.89 0.00	19.03 0.98 0.00	18.87 0.92 0.00	19.15 0.91 0.00	22.69 1.14 0.00	24.81 1.32 0.00	25.77 1.50 0.00	25.93 1.56 0.00	29.21 1.71 0.00	30.39 2.15 0.00	31.56 2.12 0.00	33.79 2.09 -1.49	36.60 1.89 -3.21	40.89 2.16 -6.52	46.17 2.36 -5.81	63.77 3.13 -13.96	61.22 2.61 -13.56	51.90 1.86 -17.89	46.57 1.49 -15.36	39.00 1.31 -9.91	32.20 1.42 -2.94	28.89 1.50 -0.03
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	21.16 0.95 0.00	19.82 0.84 0.00	19.06 0.82 0.00	18.93 0.87 0.00	18.78 0.83 0.00	19.05 0.82 0.00	22.58 1.03 0.00	24.67 1.17 0.00	25.60 1.33 0.00	25.74 1.36 0.00	28.99 1.49 0.00	30.16 1.92 0.00	31.38 1.94 0.00	33.59 1.90 -1.47	36.45 1.80 -3.16	40.72 2.09 -6.42	46.07 2.36 -5.72	63.55 3.13 -13.73	61.05 2.66 -13.34	51.71 1.96 -17.61	46.42 1.58 -15.12	38.85 1.31 -9.75	32.13 1.39 -2.89	28.86 1.48 -0.03
E179THST_138_KV_TB4_REV_LBMP_J 345001	21.43 1.21 0.00	20.09 1.10 0.00	19.28 1.04 0.00	19.22 1.16 -0.01	19.08 1.11 -0.01	19.24 1.00 0.00	22.56 1.01 0.00	24.72 1.22 0.00	25.72 1.46 0.00	25.91 1.54 0.00	29.16 1.65 0.00	30.36 2.12 0.00	31.50 2.06 0.00	33.70 1.99 -1.49	36.44 1.73 -3.21	40.63 1.90 -6.52	45.83 2.01 -5.81	63.53 2.89 -13.95	60.90 2.30 -13.55	51.61 1.57 -17.89	46.27 1.19 -15.36	38.75 1.06 -9.91	32.45 1.67 -2.94	29.20 1.81 -0.04
E179THST_13_KV_LOAD 356214	21.51 1.29 0.00	20.17 1.18 0.00	19.35 1.11 0.00	19.29 1.23 -0.01	19.15 1.19 -0.01	19.31 1.08 0.00	22.65 1.10 0.00	24.81 1.32 0.00	25.85 1.58 0.00	26.03 1.66 0.00	29.29 1.79 0.00	30.50 2.26 0.00	31.65 2.21 0.00	33.88 2.18 -1.49	36.60 1.89 -3.21	40.83 2.09 -6.52	46.02 2.20 -5.81	63.81 3.17 -13.95	61.17 2.57 -13.55	51.80 1.77 -17.89	46.42 1.34 -15.36	38.89 1.19 -9.91	32.59 1.81 -2.94	29.33 1.94 -0.04
EAST HAMPTON___GT 23717	22.76 2.55 0.00	21.27 2.28 0.00	20.30 2.06 0.00	20.06 2.00 0.00	20.01 2.05 0.00	20.46 2.22 0.00	24.20 2.65 0.00	25.80 2.30 0.00	26.82 2.55 0.00	27.12 2.75 0.00	30.62 3.11 0.00	30.95 2.71 0.00	32.14 2.71 0.00	34.51 2.81 -1.49	37.38 2.68 -3.21	41.95 3.22 -6.52	47.76 3.95 -5.80	65.69 5.23 -13.78	55.59 4.64 -5.90	42.64 3.21 -7.28	42.62 2.38 -10.52	35.32 2.03 -5.51	32.76 1.98 -2.94	29.57 2.19 -0.03
EAST RIVER___6 23660	21.30 1.09 0.00	19.98 0.99 0.00	19.17 0.93 0.00	19.03 0.97 0.00	18.95 0.99 0.00	19.18 0.95 0.00	22.65 1.10 0.00	24.79 1.29 0.00	25.70 1.43 0.00	25.98 1.61 0.00	29.27 1.76 0.00	30.33 2.09 0.00	31.53 2.09 0.00	33.61 1.90 -1.49	36.34 1.64 -3.21	40.73 2.00 -6.52	45.86 2.05 -5.81	63.72 3.08 -13.96	61.12 2.52 -13.56	51.67 1.64 -17.89	46.42 1.34 -15.36	38.84 1.14 -9.91	32.20 1.42 -2.94	28.86 1.48 -0.03

EAST RIVER___7 23524	21.30 1.09 0.00	19.98 0.99 0.00	19.17 0.93 0.00	19.03 0.97 0.00	18.95 0.99 0.00	19.18 0.95 0.00	22.65 1.10 0.00	24.79 1.29 0.00	25.70 1.43 0.00	25.98 1.61 0.00	29.27 1.76 0.00	30.33 2.09 0.00	31.53 2.09 0.00	33.61 1.90 -1.49	36.34 1.64 -3.21	40.73 2.00 -6.52	45.86 2.05 -5.81	63.72 3.08 -13.96	61.12 2.52 -13.56	51.67 1.64 -17.89	46.42 1.34 -15.36	38.84 1.14 -9.91	32.20 1.42 -2.94	28.86 1.48 -0.03
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	21.22 1.01 0.00	19.92 0.93 0.00	19.11 0.88 0.00	19.02 0.96 0.00	18.86 0.90 0.00	19.15 0.91 0.00	22.65 1.10 0.00	24.77 1.27 0.00	25.72 1.46 0.00	25.88 1.51 0.00	29.16 1.65 0.00	30.33 2.09 0.00	31.50 2.06 0.00	33.73 2.02 -1.49	36.56 1.86 -3.21	40.81 2.09 -6.51	46.08 2.28 -5.80	63.64 3.03 -13.93	61.14 2.57 -13.53	51.80 1.80 -17.86	46.48 1.43 -15.33	38.95 1.28 -9.89	32.17 1.39 -2.93	28.86 1.48 -0.03
EAST_HAMPTON___DIESEL 23722	22.76 2.55 0.00	21.29 2.30 0.00	20.31 2.08 0.00	20.06 2.00 0.00	20.01 2.05 0.00	20.48 2.24 0.00	24.20 2.65 0.00	25.80 2.30 0.00	26.82 2.55 0.00	27.12 2.75 0.00	30.64 3.13 0.00	30.95 2.71 0.00	32.14 2.71 0.00	34.51 2.81 -1.49	37.38 2.68 -3.21	41.95 3.22 -6.52	47.76 3.95 -5.80	65.69 5.23 -13.78	55.59 4.64 -5.90	42.67 3.25 -7.28	42.62 2.38 -10.52	35.32 2.03 -5.51	32.76 1.98 -2.94	29.57 2.19 -0.03
EAST_PULASKI___ESR 323781	20.27 0.06 0.00	19.01 0.02 0.00	18.24 0.00 0.00	18.02 -0.04 0.00	17.94 -0.02 0.00	18.29 0.05 0.00	21.63 0.09 0.00	23.52 0.02 0.00	24.20 -0.07 0.00	24.32 -0.05 0.00	29.19 -0.11 -1.79	30.24 -0.03 -2.02	31.78 0.03 -2.30	33.11 0.09 -2.80	34.96 0.25 -3.21	35.90 0.32 -3.37	44.08 0.57 -5.50	51.50 0.56 -4.26	50.58 0.68 -4.85	35.00 0.48 -2.38	31.15 0.39 -1.04	29.75 0.22 -1.75	29.27 0.17 -1.26	29.00 0.03 -1.62
EAST_RIVER___1 323558	21.26 1.05 0.00	19.96 0.97 0.00	19.15 0.91 0.00	19.01 0.96 0.00	18.91 0.95 0.00	19.18 0.95 0.00	22.67 1.12 0.00	24.84 1.34 0.00	25.72 1.46 0.00	26.00 1.63 0.00	29.27 1.76 0.00	30.39 2.09 0.00	31.56 2.12 0.00	33.70 1.99 -1.49	36.44 1.73 -3.21	40.82 2.09 -6.52	45.98 2.17 -5.81	63.81 3.18 -13.96	61.22 2.61 -13.56	51.77 1.73 -17.89	46.48 1.40 -15.36	38.89 1.19 -9.91	32.29 1.50 -2.94	28.97 1.59 -0.03
EAST_RIVER___2 323559	21.30 1.09 0.00	19.98 0.99 0.00	19.17 0.93 0.00	19.03 0.97 0.00	18.95 0.99 0.00	19.18 0.95 0.00	22.65 1.10 0.00	24.79 1.29 0.00	25.70 1.43 0.00	25.98 1.61 0.00	29.27 1.76 0.00	30.33 2.09 0.00	31.53 2.09 0.00	33.61 1.90 -1.49	36.34 1.64 -3.21	40.73 2.00 -6.52	45.86 2.05 -5.81	63.72 3.08 -13.96	61.12 2.52 -13.56	51.67 1.64 -17.89	46.42 1.34 -15.36	38.84 1.14 -9.91	32.20 1.42 -2.94	28.86 1.48 -0.03
EAST___DELAWARE_HYD 23607	21.47 1.25 0.00	20.05 1.06 0.00	19.28 1.04 0.00	19.12 1.07 0.00	19.02 1.06 0.00	19.29 1.06 0.00	22.88 1.34 0.00	25.07 1.57 0.00	25.97 1.70 0.00	26.15 1.78 0.00	29.46 1.95 0.00	30.81 2.57 0.00	31.88 2.44 0.00	34.34 2.42 -1.71	37.43 2.36 -3.57	42.46 3.00 -7.25	47.84 3.38 -6.46	67.08 4.85 -15.54	64.51 4.37 -15.10	55.29 3.21 -19.93	49.48 2.64 -17.11	40.88 2.06 -11.04	33.23 2.12 -3.28	29.55 2.16 -0.03
EIGHT_POINT___WT_PWR 323820	21.30 1.09 0.00	19.98 0.99 0.00	19.06 0.82 0.00	18.82 0.76 0.00	18.68 0.72 0.00	19.27 1.04 0.00	22.65 1.10 0.00	24.60 1.10 0.00	25.46 1.19 0.00	25.37 1.00 0.00	28.88 1.13 -0.24	29.99 1.47 -0.28	31.29 1.53 -0.31	32.97 2.06 -0.70	35.05 2.43 -1.13	36.65 2.58 -1.86	43.57 3.57 -2.00	53.80 3.55 -3.57	52.35 3.74 -3.56	38.93 2.64 -4.15	35.00 1.84 -3.43	31.53 1.39 -2.36	29.95 1.31 -0.80	28.65 1.07 -0.23
ELBRIDGE_115KV_TB2 80188	20.35 0.14 0.00	19.08 0.09 0.00	18.31 0.07 0.00	18.09 0.04 0.00	17.99 0.04 0.00	18.36 0.13 0.00	21.68 0.13 0.00	23.59 0.09 0.00	24.32 0.05 0.00	24.37 0.00 0.00	28.74 0.03 -1.21	29.70 0.08 -1.37	31.18 0.18 -1.56	32.54 0.27 -2.05	34.40 0.41 -2.50	35.67 0.52 -2.95	43.08 0.76 -4.31	51.68 0.70 -4.30	50.52 0.81 -4.66	36.11 0.55 -3.43	32.37 0.39 -2.27	30.17 0.19 -2.19	29.10 0.11 -1.15	28.45 0.00 -1.10
ELEC_TRO_TEK 24086	21.51 1.29 0.00	20.13 1.14 0.00	19.28 1.04 0.00	19.12 1.07 0.00	19.02 1.06 0.00	19.35 1.11 0.00	22.95 1.40 0.00	24.81 1.32 0.00	25.82 1.55 0.00	26.00 1.63 0.00	29.32 1.82 0.00	30.25 2.01 0.00	31.17 1.74 0.01	33.42 1.72 -1.48	36.21 1.51 -3.21	40.50 1.77 -6.52	45.71 1.90 -5.80	62.94 2.57 -13.69	58.68 2.07 -11.56	48.72 1.45 -15.13	44.92 1.10 -14.10	37.52 0.97 -8.76	31.84 1.06 -2.94	28.70 1.31 -0.03
ELLENBURG_WT_PWR 323604	20.25 0.04 0.00	19.03 0.04 0.00	18.24 0.00 0.00	18.06 0.00 0.00	17.98 0.02 0.00	18.20 -0.04 0.00	21.61 0.06 0.00	23.66 0.17 0.00	24.58 0.31 0.00	24.76 0.39 0.00	27.97 0.47 0.00	28.41 0.17 0.00	29.68 0.23 0.00	30.31 0.09 0.00	31.49 0.00 0.00	32.14 -0.06 0.00	38.00 0.00 0.00	47.01 0.33 0.00	45.37 0.32 0.00	32.34 0.19 0.00	29.93 0.21 0.00	28.15 0.36 0.00	28.01 0.17 0.00	27.60 0.25 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	20.90 0.69 0.00	19.62 0.63 0.00	18.71 0.47 0.00	18.33 0.27 0.00	18.30 0.34 0.00	18.89 0.66 0.00	21.98 0.43 0.00	23.85 0.35 0.00	24.78 0.51 0.00	24.69 0.32 0.00	27.86 0.36 0.00	28.75 0.51 0.00	30.44 1.00 0.00	31.98 1.51 -0.25	33.92 1.89 -0.54	35.33 2.03 -1.10	41.83 2.85 -0.98	51.54 2.57 -2.29	50.02 2.75 -2.23	36.92 1.83 -2.94	33.29 1.04 -2.52	30.00 0.58 -1.63	28.72 0.39 -0.48	27.85 0.49 0.00
EMPIRE_CC_1 323656	20.80 0.59 0.00	19.58 0.59 0.00	18.84 0.60 0.00	18.67 0.61 0.00	18.57 0.61 0.00	18.80 0.57 0.00	22.17 0.63 0.00	24.11 0.61 0.00	24.83 0.56 0.00	25.00 0.63 0.00	28.31 0.80 0.00	29.40 1.16 0.00	30.59 1.15 0.00	33.70 1.21 -2.27	37.46 1.20 -4.77	43.15 1.25 -9.69	47.88 1.25 -8.63	68.72 1.45 -20.58	66.35 1.31 -19.99	59.50 0.96 -26.39	53.27 0.89 -22.66	43.29 0.89 -14.62	33.32 1.14 -4.34	28.54 1.15 -0.04
EMPIRE_CC_2 323658	20.80 0.59 0.00	19.58 0.59 0.00	18.84 0.60 0.00	18.67 0.61 0.00	18.57 0.61 0.00	18.80 0.57 0.00	22.17 0.63 0.00	24.11 0.61 0.00	24.83 0.56 0.00	25.00 0.63 0.00	28.31 0.80 0.00	29.40 1.16 0.00	30.59 1.15 0.00	33.70 1.21 -2.27	37.46 1.20 -4.77	43.15 1.25 -9.69	47.88 1.25 -8.63	68.72 1.45 -20.58	66.35 1.31 -19.99	59.50 0.96 -26.39	53.27 0.89 -22.66	43.29 0.89 -14.62	33.32 1.14 -4.34	28.54 1.15 -0.04
ENORWICH_115KV_TB1 80156	21.93 1.72 0.00	20.57 1.58 0.00	19.66 1.42 0.00	19.39 1.34 0.00	19.32 1.36 0.00	19.82 1.59 0.00	23.57 2.03 0.00	26.69 3.20 0.00	27.37 3.11 0.00	27.54 3.17 0.00	31.37 3.38 -0.48	32.59 3.81 -0.54	34.26 4.21 -0.61	35.66 4.11 -1.33	36.40 2.90 -2.01	38.66 3.25 -3.20	45.96 4.41 -3.54	58.16 5.46 -6.02	56.90 5.81 -6.04	43.28 4.27 -6.86	39.11 3.77 -5.62	34.76 3.06 -3.92	32.02 2.81 -1.37	30.27 2.46 -0.46

ERIE_ST__34_KV_TB1-2 80199	21.02 0.81 0.00	19.75 0.76 0.00	18.84 0.60 0.00	18.44 0.38 0.00	18.39 0.43 0.00	19.00 0.77 0.00	22.17 0.62 0.00	24.04 0.54 0.00	25.00 0.73 0.00	24.91 0.54 0.00	27.95 0.44 0.00	28.89 0.65 0.00	30.62 1.18 0.00	32.23 1.75 -0.26	34.16 2.11 -0.56	35.66 2.32 -1.13	42.21 3.19 -1.01	52.16 3.08 -2.40	50.62 3.24 -2.33	37.34 2.12 -3.08	33.61 1.25 -2.64	30.24 0.75 -1.70	28.82 0.47 -0.51	27.82 0.47 0.00
ERIE_WT_PWR 323693	21.00 0.79 0.00	19.71 0.72 0.00	18.78 0.55 0.00	18.51 0.45 0.00	18.37 0.41 0.00	18.96 0.73 0.00	22.15 0.60 0.00	23.97 0.47 0.00	24.90 0.63 0.00	24.79 0.41 0.00	27.95 0.44 0.00	29.06 0.82 0.00	30.50 1.06 0.00	32.13 1.66 -0.25	34.09 2.05 -0.55	35.55 2.22 -1.12	42.04 3.04 -0.99	51.77 2.71 -2.38	50.29 2.93 -2.31	37.26 2.06 -3.06	33.44 1.10 -2.62	30.14 0.67 -1.69	29.01 0.67 -0.50	27.91 0.55 0.00
ESPRGFLD_115KV_TB1 80157	21.57 1.35 0.00	20.24 1.25 0.00	19.42 1.19 0.00	19.21 1.16 0.00	19.11 1.15 0.00	19.46 1.22 0.00	23.08 1.53 0.00	25.17 1.67 0.00	26.02 1.75 0.00	26.08 1.71 0.00	29.40 1.90 0.00	30.33 2.09 0.00	31.68 2.24 0.00	35.97 2.39 -3.36	41.15 2.65 -7.01	49.34 2.90 -14.23	54.17 3.50 -12.67	80.20 4.29 -29.22	77.89 4.46 -28.38	72.76 3.15 -37.47	64.71 2.82 -32.16	50.98 2.45 -20.75	36.28 2.28 -6.16	29.52 2.11 -0.06
ETNA_115_KV_TB1_REV_LBMP_C 345029	20.88 0.67 0.00	19.60 0.61 0.00	18.77 0.53 0.00	18.53 0.47 0.00	18.44 0.48 0.00	18.85 0.62 0.00	22.28 0.73 0.00	24.32 0.82 0.00	25.05 0.78 0.00	25.08 0.71 0.00	28.93 0.77 -0.65	29.88 0.90 -0.73	31.34 1.06 -0.84	32.76 1.18 -1.37	34.67 1.26 -1.92	36.33 1.38 -2.74	43.33 1.98 -3.35	53.75 2.29 -4.78	52.38 2.43 -4.90	38.88 1.74 -5.01	35.11 1.46 -3.94	31.83 1.11 -2.93	29.96 0.97 -1.14	28.77 0.82 -0.60
ETNA____115KV_TB2 80207	20.88 0.67 0.00	19.60 0.61 0.00	18.77 0.53 0.00	18.53 0.47 0.00	18.44 0.48 0.00	18.85 0.62 0.00	22.28 0.73 0.00	24.32 0.82 0.00	25.05 0.78 0.00	25.08 0.71 0.00	28.93 0.77 -0.65	29.88 0.90 -0.73	31.34 1.06 -0.84	32.76 1.18 -1.37	34.67 1.26 -1.92	36.33 1.38 -2.74	43.33 1.98 -3.35	53.75 2.29 -4.78	52.38 2.43 -4.90	38.88 1.74 -5.01	35.11 1.46 -3.94	31.83 1.11 -2.93	29.96 0.97 -1.14	28.77 0.82 -0.60
EUCLID__115KV_TB2 356179	20.17 -0.04 0.00	18.91 -0.08 0.00	18.15 -0.09 0.00	17.93 -0.13 0.00	17.85 -0.11 0.00	18.20 -0.04 0.00	21.48 -0.06 0.00	23.38 -0.12 0.00	24.10 -0.17 0.00	24.18 -0.19 0.00	27.81 -0.22 -0.53	28.70 -0.14 -0.59	30.03 -0.09 -0.68	31.04 0.00 -0.82	32.53 0.09 -0.94	33.39 0.19 -0.99	39.96 0.34 -1.62	48.12 0.19 -1.25	46.74 0.27 -1.43	33.00 0.16 -0.70	30.09 0.06 -0.31	28.19 -0.11 -0.51	28.05 -0.17 -0.37	27.58 -0.25 -0.48
E_CANADA_CAP_HY 24051	21.93 1.72 0.00	20.56 1.58 0.00	19.73 1.50 0.00	19.54 1.48 0.00	19.43 1.47 0.00	19.78 1.55 0.00	23.46 1.92 0.00	25.57 2.07 0.00	26.38 2.11 0.00	26.39 2.02 0.00	29.76 2.26 0.00	30.84 2.60 0.00	32.18 2.74 0.00	37.31 2.96 -4.13	43.46 3.37 -8.59	53.28 3.64 -17.44	57.82 4.29 -15.52	87.76 5.37 -35.71	85.27 5.54 -34.68	81.94 4.02 -45.78	72.62 3.59 -39.31	56.42 3.28 -25.36	38.40 3.04 -7.52	30.27 2.84 -0.07
E_CANADA_MHWK_HY 24050	20.09 -0.12 0.00	18.86 -0.13 0.00	18.11 -0.13 0.00	17.91 -0.15 0.00	17.85 -0.11 0.00	18.13 -0.11 0.00	21.42 -0.13 0.00	23.36 -0.14 0.00	24.10 -0.17 0.00	24.25 -0.12 0.00	27.34 -0.16 0.00	28.36 0.11 0.00	29.32 -0.12 0.00	30.16 -0.06 0.00	31.37 -0.13 0.00	32.11 -0.10 0.00	37.93 -0.08 0.00	46.50 -0.19 0.00	44.78 -0.27 0.00	31.95 -0.19 0.00	29.45 -0.27 0.00	27.51 -0.28 0.00	27.62 -0.22 0.00	27.11 -0.25 0.00
E_FISHKILL__LBMP 23776	21.16 0.95 0.00	19.84 0.85 0.00	19.06 0.82 0.00	18.94 0.88 0.00	18.80 0.84 0.00	19.07 0.84 0.00	22.56 1.01 0.00	24.65 1.15 0.00	25.58 1.31 0.00	25.71 1.34 0.00	28.99 1.49 0.00	30.13 1.89 0.00	31.30 1.85 0.00	33.58 1.84 -1.52	36.47 1.70 -3.28	40.80 1.93 -6.66	46.02 2.09 -5.93	63.67 2.75 -14.24	61.22 2.34 -13.83	52.07 1.67 -18.25	46.73 1.34 -15.67	39.06 1.17 -10.11	32.15 1.31 -3.00	28.78 1.40 -0.03
FALCON__SEABRD_CC1 323796	20.47 0.26 0.00	19.22 0.23 0.00	18.42 0.18 0.00	18.24 0.18 0.00	18.16 0.20 0.00	18.38 0.15 0.00	21.85 0.30 0.00	23.90 0.40 0.00	24.85 0.58 0.00	25.03 0.66 0.00	28.31 0.80 0.00	28.72 0.48 0.00	30.00 0.56 0.00	30.67 0.45 0.00	31.90 0.41 0.00	32.56 0.35 0.00	38.54 0.53 0.00	47.67 0.98 0.00	46.00 0.95 0.00	32.82 0.68 0.00	30.32 0.59 0.00	28.45 0.67 0.00	28.32 0.47 0.00	27.87 0.52 0.00
FALCON__SEABRD_CC2 323797	20.47 0.26 0.00	19.22 0.23 0.00	18.42 0.18 0.00	18.24 0.18 0.00	18.16 0.20 0.00	18.38 0.15 0.00	21.85 0.30 0.00	23.90 0.40 0.00	24.85 0.58 0.00	25.03 0.66 0.00	28.31 0.80 0.00	28.72 0.48 0.00	30.00 0.56 0.00	30.67 0.45 0.00	31.90 0.41 0.00	32.56 0.35 0.00	38.54 0.53 0.00	47.67 0.98 0.00	46.00 0.95 0.00	32.82 0.68 0.00	30.32 0.59 0.00	28.45 0.67 0.00	28.32 0.47 0.00	27.87 0.52 0.00
FAR ROCKAWAY__4 23548	21.69 1.48 0.00	20.30 1.31 0.00	19.42 1.19 0.00	19.29 1.23 0.00	19.18 1.22 0.00	19.51 1.28 0.00	23.16 1.62 0.00	25.00 1.50 0.00	26.02 1.75 0.00	26.22 1.85 0.00	29.62 2.12 0.00	30.61 2.37 0.00	31.61 2.18 0.01	33.85 2.15 -1.48	36.69 1.98 -3.21	41.01 2.29 -6.52	46.01 2.20 -5.80	63.63 2.99 -13.96	60.30 2.48 -12.78	50.70 1.74 -16.82	45.90 1.31 -14.87	38.64 1.39 -9.46	32.23 1.45 -2.93	29.02 1.64 -0.03
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	21.28 1.07 0.00	19.96 0.97 0.00	19.17 0.93 0.00	19.09 1.03 0.00	18.93 0.97 0.00	19.18 0.95 0.00	22.71 1.16 0.00	24.86 1.36 0.00	25.87 1.60 0.00	26.05 1.68 0.00	29.29 1.79 0.00	30.50 2.26 0.00	31.68 2.24 0.00	33.85 2.15 -1.49	36.63 1.92 -3.21	40.92 2.19 -6.52	46.17 2.36 -5.81	63.91 3.27 -13.95	61.26 2.66 -13.55	51.90 1.86 -17.89	46.54 1.46 -15.36	38.97 1.28 -9.91	32.32 1.53 -2.94	29.00 1.61 -0.03
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	21.28 1.07 0.00	19.96 0.97 0.00	19.17 0.93 0.00	19.09 1.03 0.00	18.93 0.97 0.00	19.18 0.95 0.00	22.71 1.16 0.00	24.86 1.36 0.00	25.87 1.60 0.00	26.03 1.66 0.00	29.29 1.79 0.00	30.50 2.26 0.00	31.68 2.24 0.00	33.85 2.15 -1.49	36.63 1.92 -3.21	40.89 2.16 -6.52	46.17 2.36 -5.81	63.91 3.27 -13.95	61.26 2.66 -13.55	51.90 1.86 -17.89	46.54 1.46 -15.36	39.00 1.31 -9.91	32.32 1.53 -2.94	29.00 1.61 -0.03
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	21.28 1.07 0.00	19.96 0.97 0.00	19.15 0.91 0.00	19.07 1.01 0.00	18.91 0.95 0.00	19.18 0.95 0.00	22.69 1.14 0.00	24.86 1.36 0.00	25.85 1.58 0.00	26.03 1.66 0.00	29.29 1.79 0.00	30.47 2.23 0.00	31.68 2.24 0.00	33.85 2.15 -1.49	36.60 1.89 -3.21	40.89 2.16 -6.52	46.13 2.32 -5.81	63.86 3.22 -13.95	61.22 2.61 -13.55	51.87 1.83 -17.89	46.51 1.43 -15.36	38.97 1.28 -9.91	32.29 1.50 -2.94	28.97 1.59 -0.03

FARRAGUT___LBMP 323566	21.26 1.05 0.00	19.94 0.95 0.00	19.15 0.91 0.00	19.07 1.01 0.00	18.91 0.95 0.00	19.16 0.93 0.00	22.69 1.14 0.00	24.84 1.34 0.00	25.82 1.55 0.00	26.00 1.63 0.00	29.27 1.76 0.00	30.45 2.20 0.00	31.65 2.21 0.00	33.82 2.12 -1.49	36.57 1.86 -3.21	40.86 2.13 -6.52	46.09 2.28 -5.81	63.81 3.17 -13.95	61.17 2.57 -13.55	51.83 1.80 -17.89	46.48 1.40 -15.36	38.95 1.25 -9.91	32.29 1.50 -2.94	28.94 1.56 -0.03
FENNER___WINDPWR 24204	20.70 0.48 0.00	19.43 0.44 0.00	18.62 0.38 0.00	18.42 0.36 0.00	18.32 0.36 0.00	18.69 0.46 0.00	22.15 0.60 0.00	24.11 0.61 0.00	24.88 0.61 0.00	24.98 0.61 0.00	28.69 0.69 -0.49	29.62 0.82 -0.56	30.87 0.80 -0.64	32.10 0.94 -0.95	33.85 1.10 -1.26	35.08 1.19 -1.68	41.86 1.67 -2.18	51.36 1.91 -2.77	49.82 1.89 -2.88	36.25 1.41 -2.69	32.98 1.22 -2.04	30.31 0.92 -1.61	29.39 0.86 -0.68	28.49 0.68 -0.45
FIBERTEK___ENERGY 23856	20.37 0.16 0.00	19.12 0.13 0.00	18.33 0.09 0.00	18.11 0.05 0.00	18.03 0.07 0.00	18.40 0.16 0.00	21.72 0.17 0.00	23.64 0.14 0.00	24.37 0.10 0.00	24.44 0.07 0.00	28.75 0.11 -1.14	29.72 0.20 -1.28	31.20 0.29 -1.46	32.50 0.36 -1.92	34.34 0.50 -2.34	35.55 0.58 -2.76	42.92 0.87 -4.04	51.50 0.79 -4.02	50.27 0.86 -4.36	35.96 0.61 -3.20	32.28 0.45 -2.12	30.08 0.25 -2.04	29.09 0.17 -1.08	28.41 0.03 -1.03
FITZPATRICK____ 23598	19.85 -0.36 0.00	18.63 -0.36 0.00	17.87 -0.36 0.00	17.68 -0.38 0.00	17.58 -0.38 0.00	17.91 -0.33 0.00	21.14 -0.41 0.00	22.98 -0.52 0.00	23.73 -0.53 0.00	23.76 -0.61 0.00	20.61 -0.72 6.18	20.61 -0.65 6.99	20.80 -0.68 7.96	19.93 -0.60 9.69	19.85 -0.54 11.11	20.04 -0.52 11.65	18.50 -0.50 19.01	31.18 -0.79 14.71	27.61 -0.67 16.76	23.44 -0.48 8.22	25.58 -0.53 3.61	21.15 -0.61 6.03	22.86 -0.64 4.35	21.05 -0.71 5.60
FLOWRFLD_69_KV_BK1 356044	22.09 1.88 0.00	20.64 1.65 0.00	19.71 1.48 0.00	19.54 1.48 0.00	19.45 1.49 0.00	19.84 1.60 0.00	23.53 1.98 0.00	25.19 1.69 0.00	26.26 1.99 0.00	26.44 2.07 0.00	29.82 2.31 0.00	30.56 2.32 0.00	31.32 1.88 0.00	33.58 1.87 -1.48	36.40 1.70 -3.21	40.79 2.06 -6.52	46.05 2.24 -5.80	63.50 3.03 -13.78	53.46 2.48 -5.94	41.21 1.74 -7.33	41.57 1.31 -10.54	34.45 1.14 -5.53	31.87 1.09 -2.94	28.94 1.56 -0.03
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	21.30 1.09 0.00	19.94 0.95 0.00	19.17 0.93 0.00	19.05 0.99 0.00	18.91 0.95 0.00	19.18 0.95 0.00	22.71 1.16 0.00	24.84 1.34 0.00	25.80 1.53 0.00	25.93 1.56 0.00	29.24 1.73 0.00	30.47 2.23 0.00	31.71 2.27 0.00	33.97 2.24 -1.52	36.93 2.17 -3.26	41.31 2.48 -6.62	46.74 2.85 -5.89	64.57 3.73 -14.16	62.09 3.29 -13.75	52.70 2.41 -18.15	47.27 1.96 -15.58	39.48 1.64 -10.05	32.53 1.70 -2.98	29.16 1.78 -0.03
FORT ORANGE____ 23900	20.72 0.51 0.00	19.52 0.53 0.00	18.78 0.55 0.00	18.62 0.56 0.00	18.52 0.56 0.00	18.74 0.51 0.00	22.11 0.56 0.00	24.06 0.56 0.00	24.78 0.51 0.00	24.93 0.56 0.00	28.17 0.66 0.00	29.26 1.02 0.00	30.50 1.06 0.00	34.61 1.15 -3.25	39.08 1.20 -6.39	46.21 1.03 -12.97	50.69 1.14 -11.55	75.67 1.35 -27.63	73.14 1.26 -26.84	68.50 0.93 -35.42	61.00 0.86 -30.41	48.21 0.81 -19.62	34.53 0.86 -5.82	28.26 0.85 -0.06
FORT_DRUM_COGEN 23780	20.80 0.59 0.00	19.50 0.51 0.00	18.67 0.44 0.00	18.46 0.40 0.00	18.39 0.43 0.00	18.78 0.55 0.00	22.37 0.82 0.00	24.25 0.75 0.00	24.90 0.63 0.00	25.10 0.73 0.00	29.10 0.69 -0.91	30.00 0.73 -1.03	31.41 0.79 -1.17	32.43 0.79 -1.42	34.20 1.07 -1.63	35.21 1.29 -1.71	42.78 1.98 -2.80	51.32 2.47 -2.16	50.26 2.75 -2.47	35.28 1.93 -1.21	32.09 1.84 -0.53	30.17 1.50 -0.89	29.93 1.45 -0.64	29.33 1.15 -0.82
FPL_FAR_ROCK_GT1 24212	21.69 1.47 0.00	20.30 1.31 0.00	19.42 1.18 0.00	19.22 1.16 0.00	19.18 1.22 0.00	19.51 1.28 0.00	23.14 1.59 0.00	25.00 1.51 0.00	25.92 1.65 0.00	26.20 1.83 0.00	29.63 2.12 0.00	30.28 2.03 0.00	31.49 2.06 0.01	33.73 2.02 -1.48	36.56 1.86 -3.21	40.66 1.93 -6.52	45.90 2.09 -5.80	63.58 2.94 -13.96	60.26 2.43 -12.78	50.63 1.67 -16.82	45.90 1.31 -14.87	38.61 1.36 -9.46	32.23 1.45 -2.94	28.91 1.53 -0.03
FPL_FAR_ROCK_GT2 23815	21.69 1.47 0.00	20.30 1.31 0.00	19.42 1.18 0.00	19.22 1.16 0.00	19.18 1.22 0.00	19.51 1.28 0.00	23.14 1.59 0.00	25.00 1.51 0.00	25.92 1.65 0.00	26.20 1.83 0.00	29.63 2.12 0.00	30.28 2.03 0.00	31.49 2.06 0.01	33.73 2.02 -1.48	36.56 1.86 -3.21	40.66 1.93 -6.52	45.90 2.09 -5.80	63.58 2.94 -13.96	60.26 2.43 -12.78	50.63 1.67 -16.82	45.90 1.31 -14.87	38.61 1.36 -9.46	32.23 1.45 -2.94	28.91 1.53 -0.03
FRANKLIN_FALL_HYD 24054	20.25 0.04 0.00	19.01 0.02 0.00	18.24 0.00 0.00	18.06 0.00 0.00	17.98 0.02 0.00	18.22 -0.02 0.00	21.66 0.11 0.00	23.69 0.19 0.00	24.61 0.34 0.00	24.81 0.44 0.00	28.06 0.55 0.00	28.50 0.25 0.00	29.65 0.21 0.00	30.19 -0.03 0.00	31.40 -0.09 0.00	31.98 -0.23 0.00	37.89 -0.11 0.00	46.92 0.23 0.00	45.32 0.27 0.00	32.21 0.06 0.00	29.90 0.18 0.00	28.12 0.33 0.00	28.09 0.25 0.00	27.65 0.30 0.00
FREEPORT_EQUS_GT1 23764	21.67 1.46 0.00	20.26 1.27 0.00	19.39 1.15 0.00	19.20 1.14 0.00	19.14 1.19 0.00	19.49 1.26 0.00	23.10 1.55 0.00	24.96 1.46 0.00	25.89 1.63 0.00	26.15 1.78 0.00	29.51 2.01 0.00	30.05 1.81 0.00	31.26 1.83 0.01	33.45 1.75 -1.48	36.12 1.42 -3.21	40.47 1.74 -6.52	45.67 1.86 -5.80	61.88 2.61 -12.59	55.40 2.16 -8.19	44.07 1.48 -10.45	42.82 1.13 -11.97	35.66 1.06 -6.82	31.95 1.17 -2.94	28.75 1.37 -0.03
FREEPORT___CT2 23818	21.67 1.46 0.00	20.26 1.27 0.00	19.39 1.15 0.00	19.20 1.14 0.00	19.14 1.19 0.00	19.49 1.26 0.00	23.10 1.55 0.00	24.96 1.46 0.00	25.89 1.63 0.00	26.15 1.78 0.00	29.51 2.01 0.00	30.05 1.81 0.00	31.26 1.83 0.01	33.45 1.75 -1.48	36.12 1.42 -3.21	40.47 1.74 -6.52	45.67 1.86 -5.80	61.88 2.61 -12.59	55.40 2.16 -8.19	44.07 1.48 -10.45	42.82 1.13 -11.97	35.66 1.06 -6.82	31.95 1.17 -2.94	28.75 1.37 -0.03
FRESHKLS_33_KV_LOAD 356253	21.57 1.35 -0.01	20.20 1.22 0.00	19.39 1.15 0.00	19.33 1.26 -0.01	19.19 1.22 -0.01	19.31 1.08 0.00	22.73 1.19 0.00	24.88 1.39 0.00	25.89 1.63 0.00	26.08 1.71 0.00	29.35 1.84 0.00	30.59 2.34 0.00	31.46 2.03 0.01	33.72 2.02 -1.48	36.46 1.76 -3.21	40.72 2.00 -6.52	45.89 2.09 -5.80	63.66 3.03 -13.95	61.07 2.48 -13.55	51.70 1.67 -17.88	46.32 1.25 -15.35	38.83 1.14 -9.91	32.59 1.81 -2.94	29.33 1.94 -0.04
FULTON COGEN____ 23766	20.15 -0.06 0.00	18.89 -0.09 0.00	18.13 -0.11 0.00	17.91 -0.14 0.00	17.83 -0.13 0.00	18.18 -0.05 0.00	21.46 -0.09 0.00	23.33 -0.16 0.00	24.03 -0.24 0.00	24.10 -0.27 0.00	29.26 -0.28 -2.03	30.34 -0.20 -2.30	31.91 -0.15 -2.62	33.34 -0.06 -3.18	35.20 0.06 -3.65	36.20 0.16 -3.83	44.55 0.30 -6.25	51.70 0.19 -4.83	50.83 0.27 -5.51	35.04 0.19 -2.70	30.97 0.06 -1.19	29.68 -0.08 -1.98	29.10 -0.17 -1.43	28.95 -0.25 -1.84

FULTON___LFGE 323630	22.21 2.00 0.00	20.77 1.78 0.00	19.91 1.68 0.00	19.76 1.70 0.00	19.65 1.69 0.00	20.00 1.77 0.00	23.77 2.22 0.00	25.90 2.40 0.00	26.65 2.38 0.00	26.59 2.22 0.00	29.98 2.48 0.00	31.52 3.27 0.00	32.45 3.00 0.00	38.00 3.32 -4.46	44.76 4.00 -9.27	55.40 4.38 -18.81	59.99 5.25 -16.74	91.89 6.72 -38.48	89.36 6.93 -37.38	86.56 5.08 -49.34	76.59 4.52 -42.36	59.17 4.06 -27.33	39.60 3.65 -8.11	31.04 3.61 -0.08
G.F.CEMENT___DRP 24184	21.39 1.17 0.00	20.05 1.06 0.00	19.24 1.00 0.00	19.09 1.03 0.00	18.96 1.01 0.00	19.26 1.02 0.00	22.82 1.27 0.00	24.91 1.41 0.00	25.75 1.48 0.00	25.79 1.41 0.00	29.02 1.51 0.00	30.28 2.03 0.00	31.65 2.21 0.00	37.38 2.45 -4.71	43.92 2.68 -9.76	54.58 2.58 -19.80	58.90 3.27 -17.63	91.92 4.48 -40.75	89.05 4.41 -39.58	87.54 3.15 -52.25	77.46 2.88 -44.86	59.34 2.61 -28.94	38.85 2.42 -8.59	29.73 2.30 -0.08
GARDENVILLE___LBMP 24039	20.92 0.71 0.00	19.63 0.65 0.00	18.73 0.49 0.00	18.35 0.29 0.00	18.32 0.36 0.00	18.91 0.67 0.00	22.00 0.45 0.00	23.90 0.40 0.00	24.83 0.56 0.00	24.74 0.37 0.00	27.89 0.39 0.00	28.78 0.54 0.00	30.47 1.03 0.00	32.04 1.57 -0.25	33.96 1.92 -0.55	35.42 2.09 -1.11	41.92 2.93 -0.99	51.74 2.71 -2.34	50.21 2.88 -2.28	37.08 1.93 -3.01	33.43 1.13 -2.58	30.09 0.64 -1.67	28.78 0.45 -0.49	27.88 0.52 0.00
GARDNVLA_35_KV_LD 355827	21.00 0.79 0.00	19.73 0.74 0.00	18.82 0.58 0.00	18.42 0.36 0.00	18.39 0.43 0.00	18.98 0.75 0.00	22.09 0.54 0.00	23.99 0.49 0.00	24.92 0.66 0.00	24.83 0.46 0.00	28.00 0.50 0.00	28.95 0.71 0.00	30.65 1.21 0.00	32.22 1.75 -0.25	34.18 2.14 -0.55	35.65 2.32 -1.12	42.19 3.19 -1.00	52.08 3.03 -2.36	50.59 3.24 -2.29	37.32 2.15 -3.03	33.63 1.31 -2.60	30.27 0.81 -1.68	28.93 0.58 -0.50	28.02 0.66 0.00
GELCKHM___115KV_LOAD 80723	20.23 0.02 0.00	18.99 0.00 0.00	18.20 -0.04 0.00	17.99 -0.07 0.00	17.90 -0.05 0.00	18.27 0.04 0.00	21.55 0.00 0.00	23.47 -0.02 0.00	24.20 -0.07 0.00	24.27 -0.10 0.00	28.14 -0.11 -0.75	29.06 -0.03 -0.85	30.46 0.06 -0.96	31.63 0.12 -1.30	33.36 0.25 -1.61	34.48 0.32 -1.95	41.32 0.53 -2.78	50.04 0.42 -2.94	48.69 0.50 -3.15	34.94 0.32 -2.48	31.64 0.21 -1.71	29.36 0.03 -1.55	28.56 -0.06 -0.77	27.90 -0.14 -0.68
GENERAL___MILLS 23808	20.96 0.75 0.00	19.67 0.68 0.00	18.77 0.53 0.00	18.38 0.33 0.00	18.35 0.40 0.00	18.95 0.71 0.00	22.04 0.50 0.00	23.94 0.45 0.00	24.88 0.61 0.00	24.79 0.41 0.00	27.95 0.44 0.00	28.84 0.59 0.00	30.56 1.12 0.00	32.10 1.63 -0.25	34.06 2.02 -0.55	35.52 2.19 -1.12	42.04 3.04 -0.99	51.89 2.85 -2.36	50.36 3.02 -2.29	37.19 2.02 -3.02	33.50 1.19 -2.59	30.18 0.72 -1.67	28.84 0.50 -0.50	27.93 0.57 0.00
GE_PLASTICS___DRP 24183	20.70 0.49 0.00	19.50 0.51 0.00	18.77 0.53 0.00	18.62 0.56 0.00	18.50 0.54 0.00	18.71 0.47 0.00	22.11 0.56 0.00	24.02 0.52 0.00	24.80 0.53 0.00	24.91 0.54 0.00	28.14 0.63 0.00	29.20 0.96 0.00	30.38 0.94 0.00	34.24 1.00 -3.02	38.24 1.01 -5.74	44.91 1.06 -11.64	49.51 1.14 -10.36	73.26 1.35 -25.22	70.81 1.26 -24.50	65.41 0.93 -32.34	58.34 0.86 -27.76	46.47 0.78 -17.91	34.05 0.89 -5.31	28.31 0.90 -0.05
GILBOA___1 23756	20.74 0.52 0.00	19.58 0.59 0.00	18.87 0.64 0.00	18.71 0.65 0.00	18.60 0.65 0.00	18.73 0.49 0.00	22.13 0.58 0.00	24.13 0.63 0.00	24.90 0.63 0.00	25.05 0.68 0.00	28.28 0.77 0.00	29.26 1.02 0.00	30.44 1.00 0.00	32.56 1.00 -1.34	35.38 0.94 -2.94	39.15 0.97 -5.97	44.38 1.06 -5.32	60.68 1.17 -12.83	58.55 1.04 -12.46	49.43 0.83 -16.45	44.74 0.89 -14.12	37.65 0.75 -9.11	31.38 0.83 -2.70	28.23 0.85 -0.03
GILBOA___2 23757	20.74 0.52 0.00	19.58 0.59 0.00	18.87 0.64 0.00	18.71 0.65 0.00	18.60 0.65 0.00	18.73 0.49 0.00	22.13 0.58 0.00	24.13 0.63 0.00	24.90 0.63 0.00	25.05 0.68 0.00	28.28 0.77 0.00	29.26 1.02 0.00	30.44 1.00 0.00	32.56 1.00 -1.34	35.38 0.94 -2.94	39.15 0.97 -5.97	44.38 1.06 -5.32	60.68 1.17 -12.83	58.55 1.04 -12.46	49.43 0.83 -16.45	44.74 0.89 -14.12	37.65 0.75 -9.11	31.38 0.83 -2.70	28.23 0.85 -0.03
GILBOA___3 23758	20.74 0.52 0.00	19.58 0.59 0.00	18.87 0.64 0.00	18.71 0.65 0.00	18.60 0.65 0.00	18.73 0.49 0.00	22.13 0.58 0.00	24.13 0.63 0.00	24.90 0.63 0.00	25.05 0.68 0.00	28.28 0.77 0.00	29.26 1.02 0.00	30.44 1.00 0.00	32.56 1.00 -1.34	35.38 0.94 -2.94	39.15 0.97 -5.97	44.38 1.06 -5.32	60.68 1.17 -12.83	58.55 1.04 -12.46	49.43 0.83 -16.45	44.74 0.89 -14.12	37.65 0.75 -9.11	31.38 0.83 -2.70	28.23 0.85 -0.03
GILBOA___4 23759	20.74 0.52 0.00	19.58 0.59 0.00	18.87 0.64 0.00	18.71 0.65 0.00	18.60 0.65 0.00	18.73 0.49 0.00	22.13 0.58 0.00	24.13 0.63 0.00	24.90 0.63 0.00	25.05 0.68 0.00	28.28 0.77 0.00	29.26 1.02 0.00	30.44 1.00 0.00	32.56 1.00 -1.34	35.38 0.94 -2.94	39.15 0.97 -5.97	44.38 1.06 -5.32	60.68 1.17 -12.83	58.55 1.04 -12.46	49.43 0.83 -16.45	44.74 0.89 -14.12	37.65 0.75 -9.11	31.38 0.83 -2.70	28.23 0.85 -0.03
GILBOA___ 23599	20.74 0.53 0.00	19.58 0.59 0.00	18.87 0.64 0.00	18.73 0.67 0.00	18.61 0.65 0.00	18.73 0.49 0.00	22.13 0.58 0.00	24.13 0.63 0.00	24.95 0.68 0.00	25.05 0.68 0.00	28.28 0.77 0.00	29.29 1.04 0.00	30.44 1.00 0.00	32.53 0.97 -1.34	35.35 0.91 -2.94	39.18 1.00 -5.97	44.35 1.03 -5.32	60.59 1.07 -12.83	58.46 0.95 -12.46	49.40 0.80 -16.45	44.68 0.83 -14.12	37.65 0.75 -9.11	31.38 0.84 -2.70	28.23 0.85 -0.03
GINNA___ 23603	19.50 -0.71 0.00	18.23 -0.76 0.00	17.43 -0.80 0.00	17.23 -0.83 0.00	17.15 -0.81 0.00	17.61 -0.62 0.00	20.71 -0.84 0.00	22.56 -0.94 0.00	23.40 -0.87 0.00	23.40 -0.98 0.00	26.54 -0.96 0.00	27.48 -0.76 0.00	28.65 -0.79 0.00	29.84 -0.54 -0.17	31.54 -0.31 -0.36	32.68 -0.26 -0.73	38.66 0.00 -0.65	47.83 -0.42 -1.57	46.48 -0.09 -1.52	34.02 -0.13 -2.01	30.97 -0.48 -1.73	28.12 -0.78 -1.11	27.31 -0.86 -0.33	26.35 -1.01 0.00
GLEN PARK___ 23778	20.90 0.69 0.00	19.61 0.63 0.00	18.77 0.53 0.00	18.56 0.50 0.00	18.48 0.52 0.00	18.87 0.64 0.00	22.52 0.97 0.00	24.37 0.87 0.00	25.04 0.78 0.00	25.25 0.88 0.00	29.29 0.82 -0.96	30.25 0.93 -1.08	31.55 0.88 -1.23	32.71 1.00 -1.50	34.53 1.32 -1.72	35.59 1.58 -1.80	43.30 2.36 -2.94	51.85 2.90 -2.27	50.61 2.97 -2.59	35.70 2.28 -1.27	32.42 2.14 -0.56	30.50 1.78 -0.93	30.21 1.70 -0.67	29.56 1.34 -0.87
GLENDALE_27_KV_LOAD 356172	21.41 1.19 0.00	20.07 1.08 0.00	19.26 1.02 0.00	19.20 1.14 0.00	19.05 1.10 0.00	19.27 1.04 0.00	22.73 1.19 0.00	24.93 1.43 0.00	25.94 1.67 0.00	26.13 1.75 0.00	29.40 1.90 0.00	30.64 2.40 0.00	31.80 2.36 0.00	34.00 2.30 -1.49	36.79 2.08 -3.21	40.99 2.25 -6.52	46.24 2.43 -5.81	64.05 3.41 -13.95	61.40 2.79 -13.55	51.96 1.93 -17.89	46.60 1.52 -15.36	39.03 1.33 -9.91	32.54 1.75 -2.94	29.19 1.81 -0.03

GLENWOOD_IC_1_G5 23712	21.51 1.29 0.00	20.13 1.14 0.00	19.29 1.06 0.00	19.16 1.10 0.00	19.05 1.10 0.00	19.35 1.11 0.00	22.95 1.40 0.00	24.93 1.43 0.00	25.94 1.67 0.00	26.10 1.73 0.00	29.46 1.95 0.00	30.50 2.26 0.00	31.56 2.12 0.00	33.82 2.12 -1.48	36.37 1.67 -3.21	40.66 1.93 -6.52	45.90 2.09 -5.81	63.11 2.85 -13.58	58.13 2.34 -10.74	47.78 1.64 -13.99	44.55 1.25 -13.58	37.16 1.08 -8.29	32.15 1.36 -2.94	28.91 1.53 -0.03
GLENWOOD_IC_2_G1 23688	21.38 1.17 0.00	20.05 1.06 0.00	19.22 0.98 0.00	19.05 0.99 0.00	18.96 1.01 0.00	19.27 1.04 0.00	22.82 1.27 0.00	24.86 1.36 0.00	25.72 1.46 0.00	25.98 1.61 0.00	29.32 1.82 0.00	30.22 1.98 0.00	31.41 1.97 0.00	33.61 1.90 -1.49	36.38 1.67 -3.22	40.73 2.00 -6.53	45.94 2.13 -5.81	63.58 2.94 -13.96	61.06 2.48 -13.53	51.71 1.70 -17.86	46.44 1.37 -15.35	38.85 1.17 -9.90	32.12 1.34 -2.94	28.83 1.45 -0.03
GLENWOOD_IC_3_G1 23689	21.38 1.17 0.00	20.05 1.06 0.00	19.22 0.98 0.00	19.05 0.99 0.00	18.96 1.01 0.00	19.27 1.04 0.00	22.82 1.27 0.00	24.86 1.36 0.00	25.72 1.46 0.00	25.98 1.61 0.00	29.32 1.82 0.00	30.22 1.98 0.00	31.41 1.97 0.00	33.61 1.90 -1.49	36.38 1.67 -3.22	40.73 2.00 -6.53	45.94 2.13 -5.81	63.58 2.94 -13.96	61.06 2.48 -13.53	51.71 1.70 -17.86	46.44 1.37 -15.35	38.85 1.17 -9.90	32.12 1.34 -2.94	28.83 1.45 -0.03
GLENWOOD___4 23550	21.51 1.29 0.00	20.13 1.14 0.00	19.29 1.06 0.00	19.16 1.10 0.00	19.05 1.10 0.00	19.35 1.11 0.00	22.95 1.40 0.00	24.93 1.43 0.00	25.94 1.67 0.00	26.10 1.73 0.00	29.46 1.95 0.00	30.50 2.26 0.00	31.56 2.12 0.00	33.82 2.12 -1.48	36.47 1.76 -3.21	40.76 2.03 -6.52	46.01 2.20 -5.81	63.25 2.99 -13.58	58.22 2.43 -10.74	47.87 1.74 -13.99	44.61 1.31 -13.58	37.22 1.14 -8.29	32.15 1.36 -2.94	28.91 1.53 -0.03
GLENWOOD___5 23614	21.51 1.29 0.00	20.13 1.14 0.00	19.29 1.06 0.00	19.16 1.10 0.00	19.05 1.10 0.00	19.35 1.11 0.00	22.95 1.40 0.00	24.93 1.43 0.00	25.94 1.67 0.00	26.10 1.73 0.00	29.46 1.95 0.00	30.50 2.26 0.00	31.56 2.12 0.00	33.82 2.12 -1.48	36.47 1.76 -3.21	40.76 2.03 -6.52	46.01 2.20 -5.81	63.25 2.99 -13.58	58.22 2.43 -10.74	47.87 1.74 -13.99	44.61 1.31 -13.58	37.22 1.14 -8.29	32.15 1.36 -2.94	28.91 1.53 -0.03
GLOBAL GREEN_PORT_GT1 23814	22.70 2.49 0.00	21.21 2.22 0.00	20.24 2.01 0.00	19.99 1.93 0.00	19.95 1.99 0.00	20.38 2.15 0.00	24.13 2.58 0.00	25.71 2.21 0.00	26.75 2.48 0.00	27.03 2.66 0.00	30.53 3.03 0.00	30.87 2.63 0.00	32.06 2.62 0.00	34.45 2.75 -1.49	37.32 2.61 -3.21	41.85 3.12 -6.52	47.64 3.84 -5.80	65.55 5.09 -13.78	55.45 4.50 -5.90	42.54 3.12 -7.28	42.56 2.32 -10.52	35.24 1.94 -5.51	32.68 1.89 -2.94	29.49 2.11 -0.03
GLOBE___DSASP 323697	20.31 0.10 0.00	18.99 0.00 0.00	18.13 -0.11 0.00	17.77 -0.29 0.00	17.74 -0.22 0.00	18.31 0.07 0.00	21.20 -0.34 0.00	22.98 -0.52 0.00	23.83 -0.44 0.00	23.76 -0.61 0.00	26.87 -0.63 0.00	27.68 -0.56 0.00	29.26 -0.18 0.00	30.63 0.18 -0.23	32.52 0.54 -0.50	33.86 0.64 -1.00	40.08 1.18 -0.89	49.76 0.93 -2.15	48.26 1.13 -2.09	35.67 0.77 -2.75	32.20 0.12 -2.36	29.06 -0.25 -1.52	27.93 -0.36 -0.45	27.22 -0.14 0.00
GOETHSLN___LBMP 323567	21.12 0.91 0.00	19.81 0.82 0.00	19.02 0.78 0.00	18.94 0.88 0.00	18.78 0.83 0.00	19.05 0.82 0.00	22.56 1.01 0.00	24.72 1.22 0.00	25.72 1.46 0.00	25.88 1.51 0.00	29.13 1.62 0.00	30.33 2.09 0.00	31.50 2.06 0.00	33.64 1.93 -1.49	36.38 1.67 -3.21	40.63 1.90 -6.52	45.83 2.01 -5.81	63.53 2.89 -13.95	60.90 2.30 -13.55	51.64 1.61 -17.89	46.30 1.22 -15.36	38.75 1.06 -9.91	32.09 1.31 -2.94	28.80 1.42 -0.03
GOLAH___69_KV_TB 1_2 80279	20.88 0.67 0.00	19.56 0.57 0.00	18.67 0.44 0.00	18.35 0.29 0.00	18.32 0.36 0.00	18.82 0.58 0.00	21.98 0.43 0.00	23.94 0.45 0.00	24.73 0.46 0.00	24.74 0.37 0.00	28.08 0.58 0.00	29.06 0.82 0.00	30.53 1.09 0.00	31.63 1.24 -0.17	33.51 1.64 -0.38	34.68 1.71 -0.77	41.04 2.36 -0.68	50.80 2.47 -1.64	49.48 2.84 -1.60	36.11 1.86 -2.11	32.81 1.28 -1.81	29.87 0.92 -1.17	28.89 0.70 -0.35	28.12 0.77 0.00
GOODYEAR_LAKE_HYD 323669	21.10 0.89 0.00	19.82 0.84 0.00	19.04 0.80 0.00	18.83 0.78 0.00	18.73 0.77 0.00	19.05 0.82 0.00	22.56 1.01 0.00	24.60 1.10 0.00	25.43 1.16 0.00	25.54 1.17 0.00	28.80 1.29 0.00	29.71 1.47 0.00	31.00 1.56 0.00	33.72 1.63 -1.87	37.20 1.76 -3.94	42.18 1.96 -8.00	47.45 2.32 -7.13	66.05 2.75 -16.62	64.03 2.84 -16.14	55.44 1.99 -21.31	49.77 1.75 -18.29	41.06 1.47 -11.80	32.77 1.42 -3.50	28.70 1.31 -0.03
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	20.76 0.55 0.00	19.48 0.49 0.00	18.67 0.44 0.00	18.42 0.36 0.00	18.32 0.36 0.00	18.74 0.51 0.00	22.09 0.54 0.00	24.04 0.54 0.00	24.85 0.58 0.00	24.83 0.46 0.00	28.42 0.47 -0.45	29.37 0.62 -0.50	30.78 0.77 -0.58	32.33 0.91 -1.21	34.51 1.10 -1.92	36.55 1.22 -3.12	43.03 1.63 -3.39	54.32 1.73 -5.91	52.68 1.71 -5.92	40.18 1.22 -6.82	36.28 0.95 -5.60	32.36 0.69 -3.88	29.79 0.61 -1.33	28.28 0.52 -0.41
GOUDEY___7 23579	20.78 0.57 0.00	19.50 0.51 0.00	18.69 0.46 0.00	18.44 0.38 0.00	18.34 0.38 0.00	18.74 0.51 0.00	22.11 0.56 0.00	24.06 0.56 0.00	24.88 0.61 0.00	24.88 0.51 0.00	28.48 0.52 -0.45	29.40 0.65 -0.50	30.81 0.79 -0.58	32.39 0.97 -1.21	34.55 1.13 -1.92	36.61 1.29 -3.12	43.07 1.67 -3.39	54.37 1.77 -5.91	52.77 1.80 -5.92	40.24 1.29 -6.82	36.34 1.01 -5.60	32.42 0.75 -3.88	29.82 0.64 -1.33	28.31 0.55 -0.41
GOUDEY___8 23580	20.76 0.55 0.00	19.48 0.49 0.00	18.67 0.44 0.00	18.42 0.36 0.00	18.32 0.36 0.00	18.74 0.51 0.00	22.09 0.54 0.00	24.04 0.54 0.00	24.85 0.58 0.00	24.83 0.46 0.00	28.42 0.47 -0.45	29.37 0.62 -0.50	30.78 0.77 -0.58	32.33 0.91 -1.21	34.51 1.10 -1.92	36.55 1.22 -3.12	43.03 1.63 -3.39	54.32 1.73 -5.91	52.68 1.71 -5.92	40.18 1.22 -6.82	36.28 0.95 -5.60	32.36 0.69 -3.88	29.79 0.61 -1.33	28.28 0.52 -0.41
GOWANUS_GT1_1 24077	21.47 1.25 -0.01	20.11 1.12 0.00	19.29 1.06 0.00	19.26 1.19 -0.01	19.12 1.15 -0.01	19.27 1.04 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.89 1.63 0.00	26.10 1.73 0.00	29.38 1.87 0.00	30.61 2.37 0.00	31.68 2.24 0.00	33.91 2.21 -1.49	36.66 1.95 -3.21	40.89 2.16 -6.52	46.09 2.28 -5.81	63.91 3.27 -13.95	61.31 2.70 -13.55	51.87 1.83 -17.89	46.48 1.40 -15.36	38.95 1.25 -9.91	32.57 1.78 -2.94	29.25 1.86 -0.04
GOWANUS_GT1_2 24078	21.47 1.25 -0.01	20.11 1.12 0.00	19.29 1.06 0.00	19.26 1.19 -0.01	19.12 1.15 -0.01	19.27 1.04 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.89 1.63 0.00	26.10 1.73 0.00	29.38 1.87 0.00	30.61 2.37 0.00	31.68 2.24 0.00	33.91 2.21 -1.49	36.66 1.95 -3.21	40.89 2.16 -6.52	46.09 2.28 -5.81	63.91 3.27 -13.95	61.31 2.70 -13.55	51.87 1.83 -17.89	46.48 1.40 -15.36	38.95 1.25 -9.91	32.57 1.78 -2.94	29.25 1.86 -0.04

GOWANUS_GT1_3 24079	21.47 1.25 -0.01	20.11 1.12 0.00	19.29 1.06 0.00	19.26 1.19 -0.01	19.12 1.15 -0.01	19.27 1.04 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.89 1.63 0.00	26.10 1.73 0.00	29.38 1.87 0.00	30.61 2.37 0.00	31.68 2.24 0.00	33.91 2.21 -1.49	36.66 1.95 -3.21	40.89 2.16 -6.52	46.09 2.28 -5.81	63.91 3.27 -13.95	61.31 2.70 -13.55	51.87 1.83 -17.89	46.48 1.40 -15.36	38.95 1.25 -9.91	32.57 1.78 -2.94	29.25 1.86 -0.04
GOWANUS_GT1_4 24080	21.47 1.25 -0.01	20.11 1.12 0.00	19.29 1.06 0.00	19.26 1.19 -0.01	19.12 1.15 -0.01	19.27 1.04 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.89 1.63 0.00	26.10 1.73 0.00	29.38 1.87 0.00	30.61 2.37 0.00	31.68 2.24 0.00	33.91 2.21 -1.49	36.66 1.95 -3.21	40.89 2.16 -6.52	46.09 2.28 -5.81	63.91 3.27 -13.95	61.31 2.70 -13.55	51.87 1.83 -17.89	46.48 1.40 -15.36	38.95 1.25 -9.91	32.57 1.78 -2.94	29.25 1.86 -0.04
GOWANUS_GT1_5 24084	21.47 1.25 -0.01	20.11 1.12 0.00	19.29 1.06 0.00	19.26 1.19 -0.01	19.12 1.15 -0.01	19.27 1.04 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.89 1.63 0.00	26.10 1.73 0.00	29.38 1.87 0.00	30.61 2.37 0.00	31.68 2.24 0.00	33.91 2.21 -1.49	36.66 1.95 -3.21	40.89 2.16 -6.52	46.09 2.28 -5.81	63.91 3.27 -13.95	61.31 2.70 -13.55	51.87 1.83 -17.89	46.48 1.40 -15.36	38.95 1.25 -9.91	32.57 1.78 -2.94	29.25 1.86 -0.04
GOWANUS_GT1_6 24111	21.47 1.25 -0.01	20.11 1.12 0.00	19.29 1.06 0.00	19.26 1.19 -0.01	19.12 1.15 -0.01	19.27 1.04 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.89 1.63 0.00	26.10 1.73 0.00	29.38 1.87 0.00	30.61 2.37 0.00	31.68 2.24 0.00	33.91 2.21 -1.49	36.66 1.95 -3.21	40.89 2.16 -6.52	46.09 2.28 -5.81	63.91 3.27 -13.95	61.31 2.70 -13.55	51.87 1.83 -17.89	46.48 1.40 -15.36	38.95 1.25 -9.91	32.57 1.78 -2.94	29.25 1.86 -0.04
GOWANUS_GT1_7 24112	21.47 1.25 -0.01	20.11 1.12 0.00	19.29 1.06 0.00	19.26 1.19 -0.01	19.12 1.15 -0.01	19.27 1.04 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.89 1.63 0.00	26.10 1.73 0.00	29.38 1.87 0.00	30.61 2.37 0.00	31.68 2.24 0.00	33.91 2.21 -1.49	36.66 1.95 -3.21	40.89 2.16 -6.52	46.09 2.28 -5.81	63.91 3.27 -13.95	61.31 2.70 -13.55	51.87 1.83 -17.89	46.48 1.40 -15.36	38.95 1.25 -9.91	32.57 1.78 -2.94	29.25 1.86 -0.04
GOWANUS_GT1_8 24113	21.47 1.25 -0.01	20.11 1.12 0.00	19.29 1.06 0.00	19.26 1.19 -0.01	19.12 1.15 -0.01	19.27 1.04 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.89 1.63 0.00	26.10 1.73 0.00	29.38 1.87 0.00	30.61 2.37 0.00	31.68 2.24 0.00	33.91 2.21 -1.49	36.66 1.95 -3.21	40.89 2.16 -6.52	46.09 2.28 -5.81	63.91 3.27 -13.95	61.31 2.70 -13.55	51.87 1.83 -17.89	46.48 1.40 -15.36	38.95 1.25 -9.91	32.57 1.78 -2.94	29.25 1.86 -0.04
GOWANUS_GT2_1 24114	21.47 1.25 -0.01	20.13 1.14 0.00	19.29 1.06 0.00	19.17 1.10 -0.01	19.12 1.15 -0.01	19.27 1.04 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.77 1.51 0.00	26.08 1.71 0.00	29.38 1.87 0.00	30.53 2.29 0.00	31.59 2.15 0.00	33.76 2.06 -1.49	36.47 1.76 -3.21	40.86 2.13 -6.52	45.98 2.17 -5.81	63.86 3.22 -13.96	61.26 2.66 -13.56	51.77 1.73 -17.89	46.48 1.40 -15.36	38.95 1.25 -9.91	32.57 1.78 -2.94	29.28 1.89 -0.04
GOWANUS_GT2_2 24115	21.47 1.25 -0.01	20.13 1.14 0.00	19.29 1.06 0.00	19.17 1.10 -0.01																				

GOWANUS_GT3_2 24123	21.47 1.25 -0.01	20.13 1.14 0.00	19.29 1.06 0.00	19.17 1.10 -0.01	19.12 1.15 -0.01	19.27 1.04 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.77 1.51 0.00	26.08 1.71 0.00	29.38 1.87 0.00	30.53 2.29 0.00	31.59 2.15 0.00	33.76 2.06 -1.49	36.47 1.76 -3.21	40.86 2.13 -6.52	45.98 2.17 -5.81	63.86 3.22 -13.96	61.26 2.66 -13.56	51.77 1.73 -17.89	46.48 1.40 -15.36	38.95 1.25 -9.91	32.57 1.78 -2.94	29.28 1.89 -0.04
GOWANUS_GT3_3 24124	21.47 1.25 -0.01	20.13 1.14 0.00	19.29 1.06 0.00	19.17 1.10 -0.01	19.12 1.15 -0.01	19.27 1.04 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.77 1.51 0.00	26.08 1.71 0.00	29.38 1.87 0.00	30.53 2.29 0.00	31.59 2.15 0.00	33.76 2.06 -1.49	36.47 1.76 -3.21	40.86 2.13 -6.52	45.98 2.17 -5.81	63.86 3.22 -13.96	61.26 2.66 -13.56	51.77 1.73 -17.89	46.48 1.40 -15.36	38.95 1.25 -9.91	32.57 1.78 -2.94	29.28 1.89 -0.04
GOWANUS_GT3_4 24125	21.47 1.25 -0.01	20.13 1.14 0.00	19.29 1.06 0.00	19.17 1.10 -0.01	19.12 1.15 -0.01	19.27 1.04 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.77 1.51 0.00	26.08 1.71 0.00	29.38 1.87 0.00	30.53 2.29 0.00	31.59 2.15 0.00	33.76 2.06 -1.49	36.47 1.76 -3.21	40.86 2.13 -6.52	45.98 2.17 -5.81	63.86 3.22 -13.96	61.26 2.66 -13.56	51.77 1.73 -17.89	46.48 1.40 -15.36	38.95 1.25 -9.91	32.57 1.78 -2.94	29.28 1.89 -0.04
GOWANUS_GT3_5 24126	21.47 1.25 -0.01	20.13 1.14 0.00	19.29 1.06 0.00	19.17 1.10 -0.01	19.12 1.15 -0.01	19.27 1.04 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.77 1.51 0.00	26.08 1.71 0.00	29.38 1.87 0.00	30.53 2.29 0.00	31.59 2.15 0.00	33.76 2.06 -1.49	36.47 1.76 -3.21	40.86 2.13 -6.52	45.98 2.17 -5.81	63.86 3.22 -13.96	61.26 2.66 -13.56	51.77 1.73 -17.89	46.48 1.40 -15.36	38.95 1.25 -9.91	32.57 1.78 -2.94	29.28 1.89 -0.04
GOWANUS_GT3_6 24127	21.47 1.25 -0.01	20.13 1.14 0.00	19.29 1.06 0.00	19.17 1.10 -0.01	19.12 1.15 -0.01	19.27 1.04 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.77 1.51 0.00	26.08 1.71 0.00	29.38 1.87 0.00	30.53 2.29 0.00	31.59 2.15 0.00	33.76 2.06 -1.49	36.47 1.76 -3.21	40.86 2.13 -6.52	45.98 2.17 -5.81	63.86 3.22 -13.96	61.26 2.66 -13.56	51.77 1.73 -17.89	46.48 1.40 -15.36	38.95 1.25 -9.91	32.57 1.78 -2.94	29.28 1.89 -0.04
GOWANUS_GT3_7 24128	21.47 1.25 -0.01	20.13 1.14 0.00	19.29 1.06 0.00	19.17 1.10 -0.01	19.12 1.15 -0.01	19.27 1.04 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.77 1.51 0.00	26.08 1.71 0.00	29.38 1.87 0.00	30.53 2.29 0.00	31.59 2.15 0.00	33.76 2.06 -1.49	36.47 1.76 -3.21	40.86 2.13 -6.52	45.98 2.17 -5.81	63.86 3.22 -13.96	61.26 2.66 -13.56	51.77 1.73 -17.89	46.48 1.40 -15.36	38.95 1.25 -9.91	32.57 1.78 -2.94	29.28 1.89 -0.04
GOWANUS_GT3_8 24129	21.47 1.25 -0.01	20.13 1.14 0.00	19.29 1.06 0.00	19.17 1.10 -0.01	19.12 1.15 -0.01	19.27 1.04 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.77 1.51 0.00	26.08 1.71 0.00	29.38 1.87 0.00	30.53 2.29 0.00	31.59 2.15 0.00	33.76 2.06 -1.49	36.47 1.76 -3.21	40.86 2.13 -6.52	45.98 2.17 -5.81	63.86 3.22 -13.96	61.26 2.66 -13.56	51.77 1.73 -17.89	46.48 1.40 -15.36	38.95 1.25 -9.91	32.57 1.78 -2.94	29.28 1.89 -0.04
GOWANUS_GT4_1 24130	21.47 1.25 -0.01	20.11 1.12 0.00	19.29 1.06 0.00	19.26 1.19 -0.01																				

GREENBSH_115KV_TB3 55895	20.64 0.42 0.00	19.44 0.46 0.00	18.71 0.47 0.00	18.56 0.51 0.00	18.44 0.48 0.00	18.65 0.42 0.00	22.04 0.50 0.00	23.94 0.45 0.00	24.73 0.46 0.00	24.83 0.46 0.00	28.06 0.55 0.00	29.15 0.90 0.00	30.35 0.91 0.00	34.50 0.97 -3.31	39.04 1.01 -6.54	46.50 1.03 -13.27	50.91 1.10 -11.81	76.15 1.26 -28.21	73.62 1.17 -27.40	69.18 0.87 -36.17	61.57 0.80 -31.05	48.54 0.72 -20.03	34.62 0.84 -5.94	28.26 0.85 -0.06
GREENDGE_115KV_TB5 80291	20.88 0.67 0.00	19.56 0.57 0.00	18.69 0.46 0.00	18.40 0.34 0.00	18.35 0.40 0.00	18.87 0.64 0.00	22.24 0.69 0.00	24.25 0.75 0.00	25.05 0.78 0.00	25.01 0.63 0.00	28.64 0.77 -0.36	29.58 0.93 -0.41	31.05 1.15 -0.46	32.47 1.39 -0.86	34.36 1.57 -1.29	35.88 1.67 -1.99	42.75 2.47 -2.28	52.96 2.61 -3.66	51.54 2.79 -3.70	38.18 1.96 -4.08	34.57 1.55 -3.30	31.24 1.11 -2.34	29.58 0.89 -0.84	28.39 0.71 -0.33
GREENIDGE___3 23582	20.88 0.67 0.00	19.56 0.57 0.00	18.69 0.46 0.00	18.40 0.34 0.00	18.35 0.40 0.00	18.87 0.64 0.00	22.24 0.69 0.00	24.25 0.75 0.00	25.05 0.78 0.00	25.01 0.63 0.00	28.64 0.77 -0.36	29.58 0.93 -0.41	31.05 1.15 -0.46	32.47 1.39 -0.86	34.36 1.57 -1.29	35.88 1.67 -1.99	42.75 2.47 -2.28	52.96 2.61 -3.66	51.54 2.79 -3.70	38.18 1.96 -4.08	34.57 1.55 -3.30	31.24 1.11 -2.34	29.58 0.89 -0.84	28.39 0.71 -0.33
GREENIDGE___4 23583	20.90 0.69 0.00	19.56 0.57 0.00	18.69 0.46 0.00	18.47 0.42 0.00	18.35 0.39 0.00	18.87 0.64 0.00	22.26 0.71 0.00	24.25 0.75 0.00	25.04 0.78 0.00	25.00 0.63 0.00	28.63 0.77 -0.36	29.69 1.05 -0.41	30.96 1.06 -0.46	32.47 1.39 -0.86	34.36 1.57 -1.29	35.84 1.64 -1.99	42.71 2.43 -2.28	52.82 2.47 -3.67	51.46 2.70 -3.71	38.09 1.86 -4.09	34.51 1.49 -3.31	31.19 1.06 -2.35	29.64 0.95 -0.85	28.39 0.71 -0.33
GREENLWN_69_KV_BK 3 55738	21.79 1.58 0.00	20.38 1.39 0.00	19.48 1.24 0.00	19.34 1.28 0.00	19.23 1.28 0.00	19.58 1.35 0.00	23.23 1.68 0.00	25.10 1.60 0.00	26.11 1.84 0.00	26.32 1.95 0.00	29.66 2.15 -0.01	30.42 2.17 0.00	31.02 1.59 0.01	33.15 1.45 -1.48	35.89 1.20 -3.20	40.24 1.51 -6.51	45.40 1.60 -5.80	62.66 2.19 -13.78	52.84 1.71 -6.08	40.86 1.19 -7.53	41.15 0.80 -10.63	34.05 0.67 -5.60	31.50 0.72 -2.93	28.64 1.26 -0.03
GREENWD_138_KV_38B11_REV_LBMP_J 345004	21.47 1.25 -0.01	20.11 1.12 0.00	19.29 1.06 0.00	19.26 1.19 -0.01	19.12 1.15 -0.01	19.27 1.04 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.89 1.63 0.00	26.10 1.73 0.00	29.38 1.87 0.00	30.61 2.37 0.00	31.68 2.24 0.00	33.91 2.21 -1.49	36.66 2.19 -3.21	40.89 2.16 -6.52	46.09 2.28 -5.81	63.91 3.27 -13.95	61.31 2.70 -13.55	51.87 1.83 -17.89	46.48 1.40 -15.36	38.95 1.25 -9.91	32.57 1.78 -2.94	29.25 1.86 -0.04
GRISSOM___SOLAR 323813	22.21 2.00 0.00	20.77 1.78 0.00	19.91 1.68 0.00	19.76 1.70 0.00	19.65 1.69 0.00	20.00 1.77 0.00	23.77 2.22 0.00	25.90 2.40 0.00	26.65 2.38 0.00	26.59 2.22 0.00	29.98 2.48 0.00	31.52 3.27 0.00	32.45 3.00 0.00	38.00 3.32 -4.46	44.76 4.00 -9.27	55.40 4.38 -18.81	59.99 5.25 -16.74	91.89 6.72 -38.48	89.36 6.93 -37.38	86.56 5.08 -49.34	76.59 4.52 -42.36	59.17 4.06 -27.33	39.60 3.65 -8.11	31.04 3.61 -0.08
GROVEVILLE___HYD 323602	21.30 1.09 0.00	19.94 0.95 0.00	19.17 0.93 0.00	19.05 0.99 0.00	18.91 0.95 0.00	19.18 0.95 0.00	22.71 1.16 0.00	24.84 1.34 0.00	25.80 1.53 0.00	25.93 1.56 0.00	29.24 1.73 0.00	30.47 2.23 0.00	31.71 2.27 0.00	33.97 2.24 -1.52	36.93 2.17 -3.26	41.31 2.48 -6.62	46.74 2.85 -5.89	64.57 3.73 -14.16	62.09 3.29 -13.75	52.70 2.41 -18.15	47.27 1.96 -15.58	39.48 1.64 -10.05	32.53 1.70 -2.98	29.16 1.78 -0.03
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	20.37 0.16 0.00	19.12 0.13 0.00	18.33 0.09 0.00	18.11 0.05 0.00	18.03 0.07 0.00	18.40 0.16 0.00	21.72 0.17 0.00	23.64 0.14 0.00	24.37 0.10 0.00	24.44 0.07 0.00	28.75 0.11 -1.14	29.72 0.20 -1.28	31.20 0.29 -1.46	32.50 0.36 -1.92	34.34 0.50 -2.34	35.55 0.58 -2.76	42.92 0.87 -4.04	51.50 0.79 -4.02	50.27 0.86 -4.36	35.96 0.61 -3.20	32.28 0.45 -2.12	30.08 0.25 -2.04	29.09 0.17 -1.08	28.41 0.03 -1.03
HAMLTNNY_34_KV_TB 80303	20.48 0.26 0.00	19.20 0.21 0.00	18.42 0.18 0.00	18.20 0.14 0.00	18.12 0.16 0.00	18.51 0.27 0.00	21.83 0.28 0.00	23.78 0.28 0.00	24.51 0.24 0.00	24.57 0.19 0.00	28.95 0.28 -1.17	29.90 0.34 -1.32	31.39 0.44 -1.51	32.78 0.57 -1.99	34.68 0.76 -2.43	35.95 0.87 -2.87	43.37 1.18 -4.19	52.06 1.17 -4.21	50.87 1.26 -4.56	36.42 0.90 -3.38	32.66 0.68 -2.25	30.38 0.44 -2.15	29.30 0.33 -1.12	28.64 0.22 -1.06
HAMPSHIRE___PAPER_HYD 323593	20.31 0.10 0.00	19.07 0.08 0.00	18.27 0.04 0.00	18.09 0.04 0.00	18.01 0.05 0.00	18.31 0.07 0.00	21.78 0.24 0.00	23.73 0.23 0.00	24.49 0.22 0.00	24.62 0.24 0.00	28.13 0.22 -0.40	28.81 0.11 -0.45	29.90 -0.06 -0.52	30.39 -0.45 -0.63	31.87 -0.35 -0.72	32.58 -0.39 -0.75	38.93 -0.31 -1.23	47.64 0.00 -0.95	46.22 0.09 -1.09	32.58 -0.10 -0.53	30.07 0.12 -0.23	28.48 0.31 -0.39	28.54 0.42 -0.28	28.10 0.38 -0.36
HARDSCRABBLE_WT_PWR 323673	20.15 -0.06 0.00	18.91 -0.08 0.00	18.16 -0.07 0.00	17.99 -0.07 0.00	17.91 -0.05 0.00	18.18 -0.05 0.00	21.50 -0.04 0.00	23.43 -0.07 0.00	24.17 -0.10 0.00	24.32 -0.05 0.00	27.45 -0.05 0.00	28.44 0.20 0.00	29.44 0.00 0.00	30.25 0.03 0.00	31.49 0.00 0.00	32.24 0.03 0.00	38.04 0.04 0.00	46.68 0.00 0.00	44.96 -0.09 0.00	32.05 -0.10 0.00	29.51 -0.21 0.00	27.56 -0.22 0.00	27.70 -0.14 0.00	27.19 -0.16 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	21.16 0.95 0.00	19.82 0.84 0.00	19.04 0.80 0.00	18.91 0.85 0.00	18.77 0.81 0.00	19.05 0.82 0.00	22.58 1.03 0.00	24.70 1.20 0.00	25.60 1.33 0.00	25.74 1.36 0.00	28.99 1.49 0.00	30.22 1.98 0.00	31.47 2.03 0.00	33.58 1.96 -1.39	36.36 1.86 -3.01	40.47 2.16 -6.11	45.84 2.39 -5.44	62.92 3.17 -13.06	60.44 2.70 -12.69	50.85 1.96 -16.75	45.68 1.58 -14.38	38.37 1.31 -9.28	31.99 1.39 -2.75	28.83 1.45 -0.03
HARSNRAD_115KV_TB1 81005	20.62 0.40 0.00	19.31 0.32 0.00	18.42 0.18 0.00	18.06 0.00 0.00	18.03 0.07 0.00	18.60 0.36 0.00	21.59 0.04 0.00	23.40 -0.09 0.00	24.29 0.02 0.00	24.23 -0.15 0.00	27.40 -0.11 0.00	28.27 0.03 0.00	29.91 0.47 0.00	31.32 0.88 -0.22	33.24 1.26 -0.49	34.59 1.38 -1.00	40.98 2.09 -0.89	50.77 1.96 -2.12	49.32 2.21 -2.06	36.38 1.51 -2.72	32.80 0.74 -2.34	29.57 0.28 -1.51	28.43 0.14 -0.45	27.66 0.30 0.00
HARZA MOOSE___RIVER 24016	20.68 0.46 0.00	19.41 0.42 0.00	18.60 0.36 0.00	18.40 0.34 0.00	18.32 0.36 0.00	18.65 0.42 0.00	22.17 0.62 0.00	24.13 0.63 0.00	24.88 0.61 0.00	24.96 0.58 0.00	28.44 0.61 -0.32	29.32 0.71 -0.37	30.63 0.77 -0.42	31.36 0.63 -0.51	32.96 0.88 -0.58	33.82 1.00 -0.61	40.49 1.48 -1.00	49.28 1.82 -0.77	47.87 1.94 -0.88	33.92 1.35 -0.43	31.19 1.28 -0.19	29.13 1.03 -0.32	29.07 1.00 -0.23	28.47 0.82 -0.29

HDSNBRDG_115KV_BRDG_TB1 355580	20.27 0.06 0.00	19.03 0.04 0.00	18.24 0.00 0.00	18.02 -0.04 0.00	17.94 -0.02 0.00	18.31 0.07 0.00	21.59 0.04 0.00	23.50 0.00 0.00	24.24 -0.02 0.00	24.32 -0.05 0.00	28.06 -0.06 -0.61	28.93 0.00 -0.69	30.32 0.09 -0.79	31.48 0.18 -1.08	33.17 0.31 -1.36	34.29 0.39 -1.69	40.97 0.61 -2.36	49.77 0.47 -2.61	48.37 0.54 -2.78	34.80 0.35 -2.30	31.63 0.27 -1.64	29.26 0.06 -1.42	28.52 0.00 -0.67	27.80 -0.11 -0.55
HELLGATE_13_KV_LD 55870	21.34 1.13 0.00	20.01 1.03 0.00	19.20 0.97 0.00	19.14 1.08 0.00	19.00 1.04 0.00	19.20 0.97 0.00	22.62 1.08 0.00	24.79 1.29 0.00	25.82 1.55 0.00	26.00 1.63 0.00	29.27 1.76 0.00	30.47 2.23 0.00	31.62 2.18 0.00	33.82 2.12 -1.49	36.57 1.86 -3.21	40.76 2.03 -6.52	45.98 2.17 -5.81	63.72 3.08 -13.95	61.08 2.48 -13.55	51.74 1.70 -17.89	46.36 1.28 -15.36	38.86 1.17 -9.91	32.40 1.61 -2.94	29.08 1.70 -0.03
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	21.34 1.13 0.00	20.01 1.03 0.00	19.20 0.97 0.00	19.14 1.08 0.00	19.00 1.04 0.00	19.20 0.97 0.00	22.62 1.08 0.00	24.79 1.29 0.00	25.82 1.55 0.00	26.00 1.63 0.00	29.27 1.76 0.00	30.47 2.23 0.00	31.62 2.18 0.00	33.82 2.12 -1.49	36.57 1.86 -3.21	40.76 2.03 -6.52	45.98 2.17 -5.81	63.72 3.08 -13.95	61.08 2.48 -13.55	51.74 1.70 -17.89	46.36 1.28 -15.36	38.86 1.17 -9.91	32.40 1.61 -2.94	29.08 1.70 -0.03
HEMPSTEAD____ 23647	21.51 1.29 0.00	20.13 1.14 0.00	19.28 1.04 0.00	19.09 1.03 0.00	19.04 1.08 0.00	19.35 1.11 0.00	22.95 1.40 0.00	24.86 1.36 0.00	25.75 1.48 0.00	26.03 1.66 0.00	29.38 1.87 0.00	29.96 1.72 0.00	31.20 1.77 0.01	33.39 1.69 -1.48	36.09 1.38 -3.21	40.43 1.71 -6.52	45.56 1.75 -5.80	62.50 2.52 -13.30	56.31 2.03 -9.23	45.42 1.38 -11.90	43.41 1.07 -12.62	36.12 0.92 -7.42	31.86 1.08 -2.94	28.64 1.26 -0.03
HEWLETT__69_KV_BK3 55828	21.61 1.39 0.00	20.22 1.23 0.00	19.35 1.11 0.00	19.21 1.16 0.00	19.13 1.17 0.00	19.44 1.20 0.00	23.08 1.53 0.00	24.91 1.41 0.00	25.92 1.65 0.00	26.13 1.75 0.00	29.49 1.98 0.00	30.47 2.23 0.00	31.47 2.03 0.01	33.70 1.99 -1.48	36.50 1.80 -3.21	40.85 2.13 -6.52	45.93 2.13 -5.80	63.53 2.89 -13.96	60.21 2.39 -12.78	50.63 1.67 -16.82	45.87 1.28 -14.87	38.50 1.25 -9.46	32.09 1.31 -2.93	28.89 1.50 -0.03
HICKLING___1 23621	21.18 0.97 0.00	19.86 0.87 0.00	18.98 0.75 0.00	18.67 0.61 0.00	18.59 0.63 0.00	19.16 0.93 0.00	22.54 0.99 0.00	24.56 1.06 0.00	25.38 1.12 0.00	25.32 0.95 0.00	28.88 1.02 -0.36	29.75 1.10 -0.41	31.32 1.41 -0.46	32.98 1.81 -0.95	35.10 2.11 -1.49	36.89 2.29 -2.40	43.76 3.12 -2.64	54.42 3.22 -4.52	52.87 3.29 -4.53	39.60 2.28 -5.18	35.72 1.75 -4.25	32.07 1.33 -2.95	29.98 1.11 -1.02	28.67 0.98 -0.33
HICKLING___2 23622	21.18 0.97 0.00	19.86 0.87 0.00	18.98 0.75 0.00	18.67 0.61 0.00	18.59 0.63 0.00	19.16 0.93 0.00	22.54 0.99 0.00	24.56 1.06 0.00	25.38 1.12 0.00	25.32 0.95 0.00	28.88 1.02 -0.36	29.75 1.10 -0.41	31.32 1.41 -0.46	32.98 1.81 -0.95	35.10 2.11 -1.49	36.89 2.29 -2.40	43.76 3.12 -2.64	54.42 3.22 -4.52	52.87 3.29 -4.53	39.60 2.28 -5.18	35.72 1.75 -4.25	32.07 1.33 -2.95	29.98 1.11 -1.02	28.67 0.98 -0.33
HIGH FALLS___HY 23754	21.34 1.13 0.00	19.96 0.97 0.00	19.17 0.93 0.00	19.07 1.01 0.00	18.91 0.95 0.00	19.20 0.97 0.00	22.75 1.21 0.00	24.91 1.41 0.00	25.89 1.63 0.00	26.00 1.63 0.00	29.29 1.79 0.00	30.76 2.51 0.00	31.97 2.53 0.00	34.19 2.21 -1.77	37.29 2.11 -3.68	42.26 2.58 -7.48	47.62 2.96 -6.66	66.86 4.15 -16.02	64.13 3.51 -15.56	55.32 2.64 -20.55	49.41 2.05 -17.64	40.83 1.67 -11.38	32.92 1.70 -3.38	29.22 1.83 -0.03
HILLBURN___GT 23639	21.12 0.91 0.00	19.80 0.82 0.00	19.02 0.78 0.00	18.85 0.79 0.00	18.73 0.77 0.00	19.04 0.80 0.00	22.54 0.99 0.00	24.67 1.17 0.00	25.46 1.19 0.00	25.69 1.32 0.00	28.94 1.43 0.00	30.11 1.86 0.00	31.24 1.80 0.00	33.35 1.72 -1.41	36.09 1.54 -3.05	40.27 1.87 -6.20	45.46 1.94 -5.52	62.60 2.66 -13.26	60.18 2.25 -12.88	50.69 1.54 -17.00	45.57 1.25 -14.60	38.26 1.06 -9.42	31.83 1.20 -3.07	28.67 1.29 -0.03
HILLSIDE_115KV_TB1 80332	20.76 0.55 0.00	19.46 0.47 0.00	18.62 0.38 0.00	18.31 0.25 0.00	18.23 0.27 0.00	18.76 0.53 0.00	22.09 0.54 0.00	24.06 0.56 0.00	24.90 0.63 0.00	24.81 0.44 0.00	28.26 0.39 -0.37	29.17 0.51 -0.42	30.66 0.74 -0.48	32.26 1.06 -0.99	34.33 1.29 -1.55	36.08 1.38 -2.49	42.71 1.98 -2.74	53.29 1.91 -4.69	51.69 1.94 -4.70	38.84 1.32 -5.38	35.05 0.92 -4.41	31.46 0.61 -3.07	29.35 0.45 -1.06	28.05 0.36 -0.34
HISHELDN_WT_PWR 323625	20.90 0.69 0.00	19.60 0.61 0.00	18.69 0.46 0.00	18.44 0.38 0.00	18.28 0.32 0.00	18.87 0.64 0.00	22.06 0.52 0.00	23.92 0.42 0.00	24.80 0.53 0.00	24.71 0.34 0.00	27.89 0.38 0.00	28.95 0.71 0.00	30.32 0.88 0.00	31.88 1.39 -0.27	33.85 1.76 -0.59	35.31 1.90 -1.20	41.73 2.66 -1.07	51.63 2.38 -2.56	50.10 2.57 -2.49	37.26 1.83 -3.29	33.52 0.98 -2.82	30.19 0.58 -1.82	28.97 0.59 -0.54	27.85 0.49 -0.01
HOLTSVILLE_IC_1 23690	21.91 1.70 0.00	20.49 1.50 0.00	19.57 1.33 0.00	19.36 1.30 0.00	19.32 1.36 0.00	19.69 1.46 0.00	23.33 1.79 0.00	24.98 1.48 0.00	25.94 1.67 0.00	26.20 1.83 0.00	29.54 2.04 0.00	29.85 1.61 0.00	30.91 1.47 0.00	33.15 1.45 -1.49	35.93 1.23 -3.21	40.34 1.61 -6.52	45.63 1.82 -5.80	63.03 2.57 -13.78	53.01 2.07 -5.89	40.79 1.38 -7.26	41.19 0.95 -10.51	34.06 0.78 -5.50	31.62 0.83 -2.94	28.56 1.18 -0.03
HOLTSVILLE_IC_10 23699	22.07 1.86 0.00	20.62 1.63 0.00	19.70 1.46 0.00	19.47 1.41 0.00	19.45 1.49 0.00	19.82 1.59 0.00	23.51 1.96 0.00	25.14 1.64 0.00	26.11 1.84 0.00	26.37 2.00 0.00	29.76 2.26 0.00	30.02 1.78 0.00	31.15 1.71 0.00	33.43 1.72 -1.49	36.22 1.51 -3.21	40.66 1.93 -6.52	46.01 2.20 -5.80	63.50 3.03 -13.78	53.52 2.52 -5.95	41.22 1.73 -7.35	41.52 1.25 -10.55	34.32 1.00 -5.54	31.81 1.03 -2.94	28.75 1.37 -0.03
HOLTSVILLE_IC_2 23691	21.91 1.70 0.00	20.49 1.50 0.00	19.57 1.33 0.00	19.36 1.30 0.00	19.32 1.36 0.00	19.69 1.46 0.00	23.33 1.79 0.00	24.98 1.48 0.00	25.94 1.67 0.00	26.20 1.83 0.00	29.54 2.04 0.00	29.85 1.61 0.00	30.91 1.47 0.00	33.15 1.45 -1.49	35.93 1.23 -3.21	40.34 1.61 -6.52	45.63 1.82 -5.80	63.03 2.57 -13.78	53.01 2.07 -5.89	40.79 1.38 -7.26	41.19 0.95 -10.51	34.06 0.78 -5.50	31.62 0.83 -2.94	28.56 1.18 -0.03
HOLTSVILLE_IC_3 23692	21.91 1.70 0.00	20.49 1.50 0.00	19.57 1.33 0.00	19.36 1.30 0.00	19.32 1.36 0.00	19.69 1.46 0.00	23.33 1.79 0.00	24.98 1.48 0.00	25.94 1.67 0.00	26.20 1.83 0.00	29.54 2.04 0.00	29.85 1.61 0.00	30.91 1.47 0.00	33.15 1.45 -1.49	35.93 1.23 -3.21	40.34 1.61 -6.52	45.63 1.82 -5.80	63.03 2.57 -13.78	53.01 2.07 -5.89	40.79 1.38 -7.26	41.19 0.95 -10.51	34.06 0.78 -5.50	31.62 0.83 -2.94	28.56 1.18 -0.03

HOLTSVILLE_IC_4 23693	21.91 1.70 0.00	20.49 1.50 0.00	19.57 1.33 0.00	19.36 1.30 0.00	19.32 1.36 0.00	19.69 1.46 0.00	23.33 1.79 0.00	24.98 1.48 0.00	25.94 1.67 0.00	26.20 1.83 0.00	29.54 2.04 0.00	29.85 1.61 0.00	30.91 1.47 0.00	33.15 1.45 -1.49	35.93 1.23 -3.21	40.34 1.61 -6.52	45.63 1.82 -5.80	63.03 2.57 -13.78	53.01 2.07 -5.89	40.79 1.38 -7.26	41.19 0.95 -10.51	34.06 0.78 -5.50	31.62 0.83 -2.94	28.56 1.18 -0.03
HOLTSVILLE_IC_5 23694	21.91 1.70 0.00	20.49 1.50 0.00	19.57 1.33 0.00	19.36 1.30 0.00	19.32 1.36 0.00	19.69 1.46 0.00	23.33 1.79 0.00	24.98 1.48 0.00	25.94 1.67 0.00	26.20 1.83 0.00	29.54 2.04 0.00	29.85 1.61 0.00	30.91 1.47 0.00	33.15 1.45 -1.49	35.93 1.23 -3.21	40.34 1.61 -6.52	45.63 1.82 -5.80	63.03 2.57 -13.78	53.01 2.07 -5.89	40.79 1.38 -7.26	41.19 0.95 -10.51	34.06 0.78 -5.50	31.62 0.83 -2.94	28.56 1.18 -0.03
HOLTSVILLE_IC_6 23695	22.07 1.86 0.00	20.62 1.63 0.00	19.70 1.46 0.00	19.47 1.41 0.00	19.45 1.49 0.00	19.82 1.59 0.00	23.51 1.96 0.00	25.14 1.64 0.00	26.11 1.84 0.00	26.37 2.00 0.00	29.76 2.26 0.00	30.02 1.78 0.00	31.15 1.71 0.00	33.43 1.72 -1.49	36.22 1.51 -3.21	40.66 1.93 -6.52	46.01 2.20 -5.80	63.50 3.03 -13.78	53.52 2.52 -5.95	41.22 1.73 -7.35	41.52 1.25 -10.55	34.32 1.00 -5.54	31.81 1.03 -2.94	28.75 1.37 -0.03
HOLTSVILLE_IC_7 23696	22.07 1.86 0.00	20.62 1.63 0.00	19.70 1.46 0.00	19.47 1.41 0.00	19.45 1.49 0.00	19.82 1.59 0.00	23.51 1.96 0.00	25.14 1.64 0.00	26.11 1.84 0.00	26.37 2.00 0.00	29.76 2.26 0.00	30.02 1.78 0.00	31.15 1.71 0.00	33.43 1.72 -1.49	36.22 1.51 -3.21	40.66 1.93 -6.52	46.01 2.20 -5.80	63.50 3.03 -13.78	53.52 2.52 -5.95	41.22 1.73 -7.35	41.52 1.25 -10.55	34.32 1.00 -5.54	31.81 1.03 -2.94	28.75 1.37 -0.03
HOLTSVILLE_IC_8 23697	22.07 1.86 0.00	20.62 1.63 0.00	19.70 1.46 0.00	19.47 1.41 0.00	19.45 1.49 0.00	19.82 1.59 0.00	23.51 1.96 0.00	25.14 1.64 0.00	26.11 1.84 0.00	26.37 2.00 0.00	29.76 2.26 0.00	30.02 1.78 0.00	31.15 1.71 0.00	33.43 1.72 -1.49	36.22 1.51 -3.21	40.66 1.93 -6.52	46.01 2.20 -5.80	63.50 3.03 -13.78	53.52 2.52 -5.95	41.22 1.73 -7.35	41.52 1.25 -10.55	34.32 1.00 -5.54	31.81 1.03 -2.94	28.75 1.37 -0.03
HOLTSVILLE_IC_9 23698	22.07 1.86 0.00	20.62 1.63 0.00	19.70 1.46 0.00	19.47 1.41 0.00	19.45 1.49 0.00	19.82 1.59 0.00	23.51 1.96 0.00	25.14 1.64 0.00	26.11 1.84 0.00	26.37 2.00 0.00	29.76 2.26 0.00	30.02 1.78 0.00	31.15 1.71 0.00	33.43 1.72 -1.49	36.22 1.51 -3.21	40.66 1.93 -6.52	46.01 2.20 -5.80	63.50 3.03 -13.78	53.52 2.52 -5.95	41.22 1.73 -7.35	41.52 1.25 -10.55	34.32 1.00 -5.54	31.81 1.03 -2.94	28.75 1.37 -0.03
HOMER_HL_115KV_TB2 355744	20.94 0.73 0.00	19.69 0.70 0.00	18.78 0.55 0.00	18.37 0.31 0.00	18.30 0.34 0.00	18.98 0.75 0.00	22.26 0.71 0.00	24.18 0.68 0.00	25.12 0.85 0.00	24.91 0.54 0.00	27.73 0.22 0.00	28.55 0.31 0.00	30.18 0.74 0.00	31.84 1.33 -0.29	33.42 1.29 -0.64	34.92 1.42 -1.30	41.21 2.05 -1.16	51.12 1.68 -2.75	49.48 1.76 -2.67	36.86 1.19 -3.53	33.58 0.83 -3.03	30.21 0.47 -1.96	28.62 0.19 -0.58	27.44 0.08 -0.01
HOWARD_WT_PWR 323690	21.32 1.11 0.00	19.99 1.01 0.00	19.08 0.84 0.00	18.82 0.76 0.00	18.68 0.72 0.00	19.27 1.04 0.00	22.67 1.12 0.00	24.63 1.13 0.00	25.48 1.21 0.00	25.40 1.02 0.00	28.92 1.16 -0.26	30.06 1.52 -0.30	31.37 1.59 -0.34	33.03 2.08 -0.73	35.12 2.46 -1.17	36.73 2.61 -1.91	43.72 3.65 -2.07	53.98 3.64 -3.65	52.53 3.83 -3.65	39.08 2.70 -4.23	35.08 1.87 -3.49	31.61 1.42 -2.41	30.00 1.34 -0.82	28.69 1.10 -0.24
HQ_GEN_CEDARS 23644	19.91 -0.30 0.00	18.70 -0.28 0.00	17.96 -0.27 0.00	17.81 -0.25 0.00	17.71 -0.25 0.00	17.92 -0.31 0.00	21.22 -0.32 0.00	23.19 -0.31 0.00	24.00 -0.27 0.00	24.15 -0.22 0.00	27.29 -0.22 0.00	27.76 -0.48 0.00	28.91 -0.53 0.00	28.98 -1.24 0.00	28.92 -1.39 1.19	28.92 -1.55 1.74	28.92 -1.82 7.26	45.52 -1.17 0.00	43.97 -1.08 0.00	28.92 -1.41 1.81	29.04 -0.68 0.00	27.40 -0.39 0.00	27.45 -0.39 0.00	27.05 -0.30 0.00
HQ_GEN_CEDARS_PROXY 323590	19.91 -0.30 0.00	18.70 -0.28 0.00	17.96 -0.27 0.00	17.79 -0.27 0.00	17.71 -0.25 0.00	17.92 -0.31 0.00	21.22 -0.32 0.00	23.19 -0.31 0.00	24.00 -0.27 0.00	24.15 -0.22 0.00	27.29 -0.22 0.00	27.76 -0.48 0.00	28.88 -0.56 0.00	28.92 -1.30 0.00	28.92 -1.38 1.19	28.92 -1.55 1.74	28.92 -1.82 7.26	45.52 -1.17 0.00	43.92 -1.12 0.00	28.92 -1.41 1.81	28.92 -0.80 0.00	27.40 -0.39 0.00	27.43 -0.42 0.00	27.05 -0.30 0.00
HQ_GEN_IMPORT 323601	19.89 -0.32 0.00	18.68 -0.30 0.00	17.94 -0.29 0.00	17.79 -0.27 0.00	17.69 -0.27 0.00	17.94 -0.29 0.00	21.20 -0.35 0.00	23.17 -0.33 0.00	23.95 -0.32 0.00	24.08 -0.29 0.00	27.18 -0.33 0.00	27.68 -0.56 0.00	28.85 -0.59 0.00	29.52 -0.69 0.00	30.74 -0.76 0.00	31.34 -0.87 0.00	36.90 -1.10 0.00	45.56 -1.12 0.00	43.97 -1.08 0.00	31.34 -0.80 0.00	29.10 -0.63 0.00	27.37 -0.42 0.00	27.37 -0.47 0.00	26.97 -0.38 0.00
HQ_GEN_WHEEL 23651	19.89 -0.32 0.00	18.68 -0.30 0.00	17.94 -0.29 0.00	17.79 -0.27 0.00	17.69 -0.27 0.00	17.94 -0.29 0.00	21.20 -0.35 0.00	23.17 -0.33 0.00	23.95 -0.32 0.00	24.08 -0.29 0.00	27.18 -0.33 0.00	27.68 -0.56 0.00	28.85 -0.59 0.00	29.52 -0.69 0.00	30.74 -0.76 0.00	31.34 -0.87 0.00	36.90 -1.10 0.00	45.56 -1.12 0.00	43.97 -1.08 0.00	31.34 -0.80 0.00	29.10 -0.63 0.00	27.37 -0.42 0.00	27.37 -0.47 0.00	26.97 -0.38 0.00
HUDSON_AVE_GT_3 23810	21.28 1.07 0.00	19.96 0.97 0.00	19.15 0.91 0.00	19.09 1.03 0.00	18.93 0.97 0.00	19.18 0.95 0.00	22.69 1.14 0.00	24.86 1.36 0.00	25.85 1.58 0.00	26.03 1.66 0.00	29.29 1.79 0.00	30.50 2.26 0.00	31.68 2.24 0.00	33.85 2.15 -1.49	36.60 1.89 -3.21	40.89 2.16 -6.52	46.13 2.32 -5.81	63.91 3.27 -13.95	61.26 2.66 -13.55	51.90 1.86 -17.89	46.54 1.46 -15.36	38.97 1.28 -9.91	32.32 1.53 -2.94	29.00 1.61 -0.03
HUDSON_AVE_GT_4 23540	21.28 1.07 0.00	19.96 0.97 0.00	19.15 0.91 0.00	19.09 1.03 0.00	18.93 0.97 0.00	19.18 0.95 0.00	22.69 1.14 0.00	24.86 1.36 0.00	25.85 1.58 0.00	26.03 1.66 0.00	29.29 1.79 0.00	30.50 2.26 0.00	31.68 2.24 0.00	33.85 2.15 -1.49	36.60 1.89 -3.21	40.89 2.16 -6.52	46.13 2.32 -5.81	63.91 3.27 -13.95	61.26 2.66 -13.55	51.90 1.86 -17.89	46.54 1.46 -15.36	38.97 1.28 -9.91	32.32 1.53 -2.94	29.00 1.61 -0.03
HUDSON_AVE_GT_5 23657	21.28 1.07 0.00	19.96 0.97 0.00	19.15 0.91 0.00	19.09 1.03 0.00	18.93 0.97 0.00	19.18 0.95 0.00	22.69 1.14 0.00	24.86 1.36 0.00	25.85 1.58 0.00	26.03 1.66 0.00	29.29 1.79 0.00	30.50 2.26 0.00	31.68 2.24 0.00	33.85 2.15 -1.49	36.60 1.89 -3.21	40.89 2.16 -6.52	46.13 2.32 -5.81	63.91 3.27 -13.95	61.26 2.66 -13.55	51.90 1.86 -17.89	46.54 1.46 -15.36	38.97 1.28 -9.91	32.32 1.53 -2.94	29.00 1.61 -0.03

HUDSON_AVE_10 24168	21.24 1.03 0.00	19.92 0.93 0.00	19.11 0.88 0.00	19.05 0.99 0.00	18.86 0.90 0.00	19.13 0.89 0.00	22.65 1.10 0.00	24.81 1.32 0.00	25.82 1.55 0.00	26.00 1.63 0.00	29.21 1.71 0.00	30.42 2.17 0.00	31.59 2.15 0.00	33.76 2.05 -1.49	36.50 1.80 -3.21	40.79 2.06 -6.52	45.98 2.17 -5.81	63.72 3.08 -13.95	61.13 2.52 -13.55	51.77 1.74 -17.89	46.42 1.34 -15.36	38.89 1.19 -9.91	32.26 1.48 -2.94	28.91 1.53 -0.03
HUDSON___115KV_TB 4 355613	20.98 0.77 0.00	19.75 0.76 0.00	18.98 0.75 0.00	18.83 0.78 0.00	18.71 0.75 0.00	18.95 0.71 0.00	22.41 0.86 0.00	24.37 0.87 0.00	25.14 0.87 0.00	25.22 0.85 0.00	28.50 0.99 0.00	29.60 1.36 0.00	30.88 1.44 0.00	34.76 1.57 -2.97	38.99 1.70 -5.79	45.64 1.67 -11.76	50.41 1.94 -10.47	74.33 2.43 -25.22	71.94 2.39 -24.50	66.22 1.74 -32.34	59.06 1.58 -27.76	47.11 1.42 -17.91	34.55 1.39 -5.32	28.83 1.42 -0.05
HUNTER MOUNT___DRP 323613	21.04 0.83 0.00	19.81 0.82 0.00	19.06 0.82 0.00	18.89 0.83 0.00	18.78 0.83 0.00	19.02 0.78 0.00	22.47 0.93 0.00	24.44 0.94 0.00	25.21 0.95 0.00	25.30 0.93 0.00	28.55 1.05 0.00	29.60 1.36 0.00	30.91 1.47 0.00	34.59 1.66 -2.71	38.61 1.83 -5.29	44.75 1.80 -10.74	49.73 2.17 -9.56	72.54 2.75 -23.10	70.24 2.75 -22.44	63.82 2.06 -29.62	57.03 1.87 -25.43	45.83 1.64 -16.41	34.27 1.56 -4.87	29.04 1.64 -0.05
HUNTINGTON_RES_REC 323705	21.93 1.72 0.00	20.51 1.52 0.00	19.60 1.37 0.00	19.38 1.32 0.00	19.34 1.38 0.00	19.71 1.48 0.00	23.38 1.83 0.00	25.14 1.64 0.00	26.11 1.84 0.00	26.37 2.00 0.00	29.74 2.23 0.00	30.02 1.78 0.00	30.99 1.56 0.01	33.24 1.54 -1.48	36.02 1.32 -3.20	40.46 1.74 -6.51	45.63 1.82 -5.80	63.03 2.57 -13.78	53.09 2.07 -5.97	40.93 1.41 -7.38	41.35 1.07 -10.56	34.19 0.86 -5.54	31.66 0.89 -2.93	28.61 1.23 -0.03
HUNTLEY___63 23557	20.76 0.55 0.00	19.48 0.49 0.00	18.58 0.35 0.00	18.20 0.14 0.00	18.19 0.23 0.00	18.76 0.53 0.00	21.76 0.22 0.00	23.64 0.14 0.00	24.56 0.29 0.00	24.47 0.10 0.00	27.70 0.19 0.00	28.58 0.34 0.00	30.30 0.85 0.00	31.81 1.36 -0.23	33.73 1.73 -0.51	35.14 1.90 -1.04	41.66 2.74 -0.92	51.55 2.66 -2.20	50.07 2.88 -2.14	36.89 1.93 -2.82	33.22 1.07 -2.42	29.93 0.58 -1.56	28.70 0.39 -0.46	27.88 0.52 0.00
HUNTLEY___64 23558	20.76 0.55 0.00	19.48 0.49 0.00	18.58 0.35 0.00	18.20 0.14 0.00	18.19 0.23 0.00	18.76 0.53 0.00	21.76 0.22 0.00	23.64 0.14 0.00	24.56 0.29 0.00	24.47 0.10 0.00	27.70 0.19 0.00	28.58 0.34 0.00	30.30 0.85 0.00	31.81 1.36 -0.23	33.73 1.73 -0.51	35.14 1.90 -1.04	41.66 2.74 -0.92	51.55 2.66 -2.20	50.07 2.88 -2.14	36.89 1.93 -2.82	33.22 1.07 -2.42	29.93 0.58 -1.56	28.70 0.39 -0.46	27.88 0.52 0.00
HUNTLEY___65 23559	20.76 0.55 0.00	19.48 0.49 0.00	18.58 0.35 0.00	18.20 0.14 0.00	18.19 0.23 0.00	18.76 0.53 0.00	21.76 0.22 0.00	23.64 0.14 0.00	24.56 0.29 0.00	24.47 0.10 0.00	27.70 0.19 0.00	28.58 0.34 0.00	30.30 0.85 0.00	31.81 1.36 -0.23	33.73 1.73 -0.51	35.14 1.90 -1.04	41.66 2.74 -0.92	51.55 2.66 -2.20	50.07 2.88 -2.14	36.89 1.93 -2.82	33.22 1.07 -2.42	29.93 0.58 -1.56	28.70 0.39 -0.46	27.88 0.52 0.00
HUNTLEY___66 23560	20.76 0.55 0.00	19.48 0.49 0.00	18.58 0.35 0.00	18.20 0.14 0.00	18.19 0.23 0.00	18.76 0.53 0.00	21.76 0.22 0.00	23.64 0.14 0.00	24.56 0.29 0.00	24.47 0.10 0.00	27.70 0.19 0.00	28.58 0.34 0.00	30.30 0.85 0.00	31.81 1.36 -0.23	33.73 1.73 -0.51	35.14 1.90 -1.04	41.66 2.74 -0.92	51.55 2.66 -2.20	50.07 2.88 -2.14	36.89 1.93 -2.82	33.22 1.07 -2.42	29.93 0.58 -1.56	28.70 0.39 -0.46	27.88 0.52 0.00
HUNTLEY___67 23561	20.80 0.59 0.00	19.50 0.51 0.00	18.60 0.36 0.00	18.22 0.16 0.00	18.19 0.23 0.00	18.78 0.55 0.00	21.83 0.28 0.00	23.69 0.19 0.00	24.61 0.34 0.00	24.52 0.15 0.00	27.67 0.17 0.00	28.55 0.31 0.00	30.21 0.77 0.00	31.70 1.24 -0.24	33.63 1.61 -0.53	35.06 1.77 -1.08	41.47 2.51 -0.96	50.98 2.05 -2.24	49.48 2.25 -2.18	36.53 1.51 -2.88	32.99 0.80 -2.47	29.74 0.36 -1.59	28.48 0.17 -0.47	27.66 0.30 0.00
HUNTLEY___68 23562	20.80 0.59 0.00	19.50 0.51 0.00	18.60 0.36 0.00	18.22 0.16 0.00	18.19 0.23 0.00	18.78 0.55 0.00	21.83 0.28 0.00	23.69 0.19 0.00	24.61 0.34 0.00	24.52 0.15 0.00	27.67 0.17 0.00	28.55 0.31 0.00	30.21 0.77 0.00	31.70 1.24 -0.24	33.63 1.61 -0.53	35.06 1.77 -1.08	41.47 2.51 -0.96	50.98 2.05 -2.24	49.48 2.25 -2.18	36.53 1.51 -2.88	32.99 0.80 -2.47	29.74 0.36 -1.59	28.48 0.17 -0.47	27.66 0.30 0.00
HYLAND___LFGE 323620	21.75 1.54 0.00	20.32 1.33 0.00	19.39 1.15 0.00	19.14 1.08 0.00	19.04 1.08 0.00	19.62 1.39 0.00	22.86 1.31 0.00	24.60 1.10 0.00	25.14 0.87 0.00	24.93 0.56 0.00	28.25 0.74 0.00	29.17 0.93 0.00	29.68 0.23 0.00	30.96 0.48 -0.26	32.91 0.85 -0.56	35.22 1.87 -1.14	41.64 2.62 -1.02	51.69 2.57 -2.44	50.12 2.70 -2.37	37.65 2.38 -3.13	34.28 1.87 -2.69	30.96 1.44 -1.73	29.86 1.50 -0.51	28.59 1.23 0.00
INDECK___CORINTH 23802	21.14 0.93 0.00	19.80 0.82 0.00	19.00 0.77 0.00	18.85 0.79 0.00	18.75 0.79 0.00	19.02 0.78 0.00	22.54 0.99 0.00	24.63 1.13 0.00	25.41 1.14 0.00	25.49 1.12 0.00	28.69 1.18 0.00	29.88 1.64 0.00	31.24 1.80 0.00	37.00 2.02 -4.76	43.59 2.24 -9.86	54.30 2.09 -20.00	58.47 2.66 -17.81	91.64 3.83 -41.12	88.78 3.78 -39.95	87.60 2.73 -52.73	77.43 2.44 -45.27	59.21 2.22 -29.20	38.57 2.06 -8.67	29.38 1.94 -0.08
INDECK___ILION 23567	20.23 0.02 0.00	19.01 0.02 0.00	18.24 0.00 0.00	18.06 0.00 0.00	17.98 0.02 0.00	18.25 0.02 0.00	21.57 0.02 0.00	23.52 0.02 0.00	24.27 0.00 0.00	24.40 0.02 0.00	27.53 0.03 0.00	28.44 0.20 0.00	29.68 0.24 0.00	30.34 0.12 0.00	31.62 0.13 0.00	32.37 0.16 0.00	38.23 0.23 0.00	46.87 0.19 0.00	45.23 0.18 0.00	32.27 0.13 0.00	29.78 0.06 0.00	27.79 0.00 0.00	27.87 0.03 0.00	27.35 0.00 0.00
INDECK___OLEAN 23982	20.96 0.75 0.00	19.71 0.72 0.00	18.78 0.55 0.00	18.51 0.45 0.00	18.30 0.34 0.00	18.98 0.75 0.00	22.32 0.77 0.00	24.18 0.68 0.00	25.04 0.78 0.00	24.88 0.51 0.00	27.73 0.22 0.00	28.72 0.48 0.00	30.18 0.74 0.00	31.84 1.33 -0.29	33.77 1.64 -0.64	34.92 1.42 -1.30	41.10 1.94 -1.16	50.95 1.49 -2.77	49.36 1.62 -2.69	36.88 1.19 -3.55	33.16 0.39 -3.05	30.11 0.36 -1.97	28.73 0.31 -0.58	27.44 0.08 -0.01
INDECK___OSWEGO 23783	20.03 -0.18 0.00	18.80 -0.19 0.00	18.02 -0.22 0.00	17.84 -0.22 0.00	17.74 -0.21 0.00	18.07 -0.16 0.00	21.35 -0.19 0.00	23.19 -0.31 0.00	23.95 -0.32 0.00	23.98 -0.39 0.00	29.72 -0.47 -2.68	30.90 -0.37 -3.03	32.48 -0.41 -3.45	34.11 -0.30 -4.19	36.11 -0.19 -4.81	37.12 -0.13 -5.05	46.20 -0.04 -8.23	52.78 -0.28 -6.37	52.17 -0.13 -7.26	35.61 -0.10 -3.56	31.11 -0.18 -1.56	30.09 -0.31 -2.61	29.39 -0.33 -1.88	29.34 -0.44 -2.42

INDECK___YERKES 23781	20.78 0.57 0.00	19.48 0.49 0.00	18.58 0.35 0.00	18.31 0.25 0.00	18.19 0.23 0.00	18.76 0.53 0.00	21.85 0.30 0.00	23.62 0.12 0.00	24.56 0.29 0.00	24.47 0.10 0.00	27.70 0.19 0.00	28.78 0.54 0.00	30.24 0.80 0.00	31.81 1.36 -0.23	33.73 1.73 -0.51	35.14 1.90 -1.04	41.62 2.70 -0.92	51.37 2.47 -2.21	49.94 2.75 -2.15	36.90 1.93 -2.83	33.10 0.95 -2.43	29.88 0.53 -1.57	28.87 0.56 -0.47	27.85 0.49 0.00
INDIAN POINT_GT_1 24139	21.18 0.97 0.00	19.86 0.87 0.00	19.06 0.82 0.00	18.96 0.90 0.00	18.80 0.84 0.00	19.07 0.84 0.00	22.60 1.06 0.00	24.70 1.20 0.00	25.63 1.36 0.00	25.79 1.41 0.00	29.05 1.54 0.00	30.22 1.98 0.00	31.41 1.97 0.00	33.63 1.93 -1.47	36.44 1.76 -3.18	40.66 2.00 -6.46	45.95 2.20 -5.75	63.39 2.89 -13.81	60.89 2.43 -13.41	51.58 1.74 -17.70	46.32 1.40 -15.20	38.79 1.19 -9.81	32.06 1.31 -2.91	28.78 1.40 -0.03
INDIAN POINT_GT_2 23659	21.18 0.97 0.00	19.86 0.87 0.00	19.06 0.82 0.00	18.96 0.90 0.00	18.80 0.84 0.00	19.07 0.84 0.00	22.60 1.06 0.00	24.70 1.20 0.00	25.63 1.36 0.00	25.79 1.41 0.00	29.05 1.54 0.00	30.22 1.98 0.00	31.41 1.97 0.00	33.63 1.93 -1.47	36.44 1.76 -3.18	40.66 2.00 -6.46	45.95 2.20 -5.75	63.39 2.89 -13.81	60.89 2.43 -13.41	51.58 1.74 -17.70	46.32 1.40 -15.20	38.79 1.19 -9.81	32.06 1.31 -2.91	28.78 1.40 -0.03
INDIAN POINT_GT_3 24019	21.18 0.97 0.00	19.86 0.87 0.00	19.06 0.82 0.00	18.96 0.90 0.00	18.80 0.84 0.00	19.07 0.84 0.00	22.60 1.06 0.00	24.70 1.20 0.00	25.63 1.36 0.00	25.79 1.41 0.00	29.05 1.54 0.00	30.22 1.98 0.00	31.41 1.97 0.00	33.63 1.93 -1.47	36.44 1.76 -3.18	40.66 2.00 -6.46	45.95 2.20 -5.75	63.39 2.89 -13.81	60.89 2.43 -13.41	51.58 1.74 -17.70	46.32 1.40 -15.20	38.79 1.19 -9.81	32.06 1.31 -2.91	28.78 1.40 -0.03
INDIAN POINT___2 23530	21.16 0.95 0.00	19.84 0.86 0.00	19.06 0.82 0.00	18.91 0.85 0.00	18.79 0.83 0.00	19.07 0.84 0.00	22.58 1.03 0.00	24.70 1.20 0.00	25.51 1.24 0.00	25.74 1.36 0.00	29.02 1.51 0.00	30.11 1.86 0.00	31.27 1.83 0.00	33.45 1.78 -1.45	36.23 1.61 -3.14	40.47 1.90 -6.36	45.68 2.01 -5.67	63.10 2.80 -13.61	60.61 2.34 -13.22	51.20 1.61 -17.45	46.01 1.31 -14.98	38.56 1.11 -9.67	31.99 1.28 -2.87	28.75 1.37 -0.03
INDIAN POINT___3 23531	21.18 0.97 0.00	19.86 0.87 0.00	19.08 0.84 0.00	18.96 0.90 0.00	18.80 0.84 0.00	19.09 0.86 0.00	22.60 1.06 0.00	24.70 1.20 0.00	25.63 1.36 0.00	25.76 1.39 0.00	29.02 1.51 0.00	30.19 1.95 0.00	31.35 1.91 0.00	33.57 1.87 -1.47	36.38 1.70 -3.18	40.63 1.96 -6.46	45.88 2.13 -5.75	63.35 2.85 -13.82	60.81 2.34 -13.42	51.53 1.67 -17.72	46.27 1.34 -15.21	38.76 1.17 -9.81	32.04 1.28 -2.91	28.75 1.37 -0.03
INGHAM_C_115KV_TB7 356103	20.09 -0.12 0.00	18.86 -0.13 0.00	18.11 -0.13 0.00	17.93 -0.13 0.00	17.85 -0.11 0.00	18.12 -0.11 0.00	21.42 -0.13 0.00	23.36 -0.14 0.00	24.10 -0.17 0.00	24.25 -0.12 0.00	27.34 -0.17 0.00	28.36 0.11 0.00	29.56 0.12 0.00	30.13 -0.09 0.00	31.40 -0.09 0.00	32.11 -0.10 0.00	37.93 -0.08 0.00	46.50 -0.19 0.00	44.82 -0.23 0.00	31.95 -0.19 0.00	29.45 -0.27 0.00	27.51 -0.28 0.00	27.62 -0.22 0.00	27.13 -0.22 0.00
IP CORINTH___1 23988	21.24 1.03 0.00	19.92 0.93 0.00	19.11 0.88 0.00	18.96 0.90 0.00	18.84 0.88 0.00	19.13 0.89 0.00	22.67 1.12 0.00	24.74 1.25 0.00	25.60 1.33 0.00	25.64 1.27 0.00	28.83 1.32 0.00	30.05 1.81 0.00	31.41 1.97 0.00	37.21 2.24 -4.76	43.74 2.39 -9.86	54.50 2.29 -20.00	58.70 2.89 -17.81	91.96 4.15 -41.12	89.05 4.05 -39.95	87.77 2.89 -52.73	77.64 2.65 -45.27	59.38 2.39 -29.20	38.74 2.23 -8.67	29.54 2.11 -0.08
IP___TICONDEROGA 23804	22.34 2.12 0.00	20.85 1.86 0.00	19.97 1.73 0.00	19.83 1.77 0.00	19.70 1.74 0.00	20.08 1.84 0.00	23.85 2.31 0.00	26.08 2.58 0.00	27.01 2.74 0.00	26.91 2.53 0.00	30.31 2.81 0.00	31.94 3.70 0.00	33.50 4.06 0.00	39.57 4.62 -4.73	46.54 5.26 -9.79	57.14 5.06 -19.87	62.23 6.54 -17.69	95.88 8.31 -40.89	92.92 8.15 -39.72	90.36 5.79 -52.43	79.96 5.23 -45.01	61.71 4.89 -29.04	40.86 4.40 -8.62	31.54 4.10 -0.08
ISLIP_RES_REC 323679	22.17 1.96 0.00	20.72 1.73 0.00	19.77 1.53 0.00	19.54 1.48 0.00	19.52 1.56 0.00	19.91 1.68 0.00	23.60 2.05 0.00	25.26 1.76 0.00	26.23 1.96 0.00	26.52 2.15 0.00	29.93 2.42 0.00	30.19 1.95 0.00	31.33 1.89 0.00	33.64 1.94 -1.49	36.47 1.76 -3.22	40.89 2.16 -6.53	46.31 2.51 -5.80	63.87 3.41 -13.78	53.92 2.89 -5.99	41.54 1.99 -7.40	41.76 1.46 -10.58	34.54 1.19 -5.56	31.98 1.20 -2.94	28.89 1.50 -0.03
JAMAICA___27_KV_LOAD 355505	21.28 1.07 0.00	19.94 0.95 0.00	19.13 0.89 0.00	19.07 1.01 0.00	18.87 0.92 0.00	19.16 0.93 0.00	22.71 1.16 0.00	24.93 1.43 0.00	25.97 1.70 0.00	26.15 1.78 0.00	29.27 1.76 0.00	30.47 2.23 0.00	31.65 2.21 0.00	33.88 2.18 -1.49	36.53 1.83 -3.21	40.86 2.13 -6.52	46.05 2.24 -5.81	63.91 3.27 -13.95	61.31 2.70 -13.55	51.90 1.86 -17.89	46.51 1.43 -15.36	38.95 1.25 -9.91	32.43 1.64 -2.94	29.02 1.64 -0.03
JANIS___SOLAR 323808	21.43 1.21 0.00	20.11 1.12 0.00	19.22 0.98 0.00	19.00 0.94 0.00	18.89 0.93 0.00	19.38 1.15 0.00	22.97 1.42 0.00	25.43 1.93 0.00	26.04 1.77 0.00	26.10 1.73 0.00	29.89 1.82 -0.57	30.92 2.03 -0.64	32.23 2.06 -0.73	33.91 2.33 -1.36	35.32 1.86 -1.97	37.27 2.06 -2.99	44.46 3.00 -3.46	55.88 3.74 -5.46	54.59 4.01 -5.53	41.26 3.09 -6.03	37.26 2.68 -4.86	33.37 2.11 -3.48	31.09 1.98 -1.27	29.54 1.67 -0.52
JARVIS____ 23743	20.27 0.06 0.00	19.05 0.06 0.00	18.29 0.05 0.00	18.11 0.05 0.00	18.01 0.05 0.00	18.29 0.05 0.00	21.61 0.06 0.00	23.57 0.07 0.00	24.32 0.05 0.00	24.42 0.05 0.00	27.56 0.06 0.00	28.38 0.14 0.00	29.56 0.12 0.00	30.37 0.15 0.00	31.65 0.16 0.00	32.40 0.19 0.00	38.27 0.27 0.00	46.96 0.28 0.00	45.27 0.23 0.00	32.34 0.19 0.00	29.87 0.15 0.00	27.87 0.08 0.00	27.96 0.11 0.00	27.44 0.08 0.00
JENNISON___1 23625	21.63 1.41 0.00	20.30 1.31 0.00	19.42 1.19 0.00	19.18 1.12 0.00	19.07 1.11 0.00	19.53 1.29 0.00	23.19 1.64 0.00	26.88 3.38 0.00	27.62 3.35 0.00	27.86 3.49 0.00	31.65 3.74 -0.40	32.98 4.29 -0.45	34.61 4.65 -0.51	36.03 4.50 -1.31	36.06 2.52 -2.05	38.42 2.80 -3.41	45.32 3.69 -3.63	57.74 4.48 -6.57	56.24 4.64 -6.55	43.21 3.37 -7.69	39.06 2.97 -6.37	34.57 2.42 -4.36	31.57 2.26 -1.47	29.75 2.00 -0.40
JENNISON___2 23626	21.63 1.41 0.00	20.30 1.31 0.00	19.42 1.19 0.00	19.18 1.12 0.00	19.07 1.11 0.00	19.53 1.29 0.00	23.19 1.64 0.00	26.88 3.38 0.00	27.62 3.35 0.00	27.86 3.49 0.00	31.65 3.74 -0.40	32.98 4.29 -0.45	34.61 4.65 -0.51	36.03 4.50 -1.31	36.06 2.52 -2.05	38.42 2.80 -3.41	45.32 3.69 -3.63	57.74 4.48 -6.57	56.24 4.64 -6.55	43.21 3.37 -7.69	39.06 2.97 -6.37	34.57 2.42 -4.36	31.57 2.26 -1.47	29.75 2.00 -0.40

JERICO_RISE_WT_PWR 323719	20.17 -0.04 0.00	18.93 -0.06 0.00	18.15 -0.09 0.00	17.99 -0.07 0.00	17.89 -0.07 0.00	18.13 -0.11 0.00	21.53 -0.02 0.00	23.57 0.07 0.00	24.49 0.22 0.00	24.67 0.29 0.00	27.86 0.36 0.00	28.30 0.06 0.00	29.53 0.09 0.00	30.13 -0.09 0.00	31.34 -0.16 0.00	31.95 -0.26 0.00	37.78 -0.23 0.00	46.73 0.05 0.00	45.09 0.05 0.00	32.14 0.00 0.00	29.78 0.06 0.00	28.01 0.22 0.00	27.90 0.06 0.00	27.49 0.14 0.00
KATONAH__115KV_46KV_TB4 355592	21.26 1.05 0.00	19.94 0.95 0.00	19.15 0.91 0.00	19.03 0.98 0.00	18.86 0.90 0.00	19.13 0.89 0.00	22.67 1.12 0.00	24.77 1.27 0.00	25.75 1.48 0.00	25.88 1.51 0.00	29.18 1.68 0.00	30.47 2.23 0.00	31.65 2.21 0.00	33.94 2.21 -1.51	36.83 2.08 -3.26	41.15 2.32 -6.62	46.52 2.62 -5.89	64.25 3.41 -14.16	61.78 2.97 -13.76	52.49 2.19 -18.16	47.09 1.78 -15.59	39.37 1.53 -10.06	32.33 1.50 -2.98	28.97 1.59 -0.03
KCE_NY_1 323755	21.34 1.13 0.00	20.03 1.04 0.00	19.24 1.00 0.00	19.07 1.01 0.00	18.96 1.01 0.00	19.24 1.00 0.00	22.75 1.21 0.00	24.79 1.29 0.00	25.58 1.31 0.00	25.69 1.32 0.00	28.96 1.46 0.00	30.13 1.89 0.00	31.44 2.00 0.00	37.11 2.20 -4.68	43.59 2.39 -9.70	54.32 2.42 -19.69	58.50 2.97 -17.53	90.98 3.74 -40.56	88.05 3.61 -39.39	86.75 2.60 -52.00	76.71 2.35 -44.65	58.73 2.14 -28.80	38.48 2.09 -8.55	29.49 2.05 -0.08
KCE_NY_6_ESR 323823	21.00 0.79 0.00	19.71 0.72 0.00	18.78 0.55 0.00	18.51 0.45 0.00	18.37 0.41 0.00	18.96 0.73 0.00	22.15 0.60 0.00	23.97 0.47 0.00	24.90 0.63 0.00	24.79 0.41 0.00	27.95 0.44 0.00	29.06 0.82 0.00	30.50 1.06 0.00	32.13 1.66 -0.25	34.09 2.05 -0.55	35.55 2.22 -1.12	42.04 3.04 -0.99	51.77 2.71 -2.38	50.29 2.93 -2.31	37.26 2.06 -3.06	33.44 1.10 -2.62	30.14 0.67 -1.69	29.01 0.67 -0.50	27.91 0.55 0.00
KEDC_PORT_JEFF_GT2 24210	22.03 1.82 0.00	20.58 1.60 0.00	19.66 1.42 0.00	19.43 1.37 0.00	19.41 1.45 0.00	19.78 1.55 0.00	23.44 1.90 0.00	25.10 1.60 0.00	26.06 1.80 0.00	26.32 1.95 0.00	29.71 2.20 0.00	29.99 1.75 0.00	31.09 1.65 0.00	33.33 1.63 -1.48	36.15 1.45 -3.21	40.57 1.83 -6.52	45.67 1.86 -5.80	63.08 2.61 -13.78	53.09 2.12 -5.93	40.91 1.45 -7.32	41.42 1.16 -10.54	34.25 0.95 -5.52	31.76 0.97 -2.94	28.70 1.31 -0.03
KEDC_PORT_JEFF_GT3 24211	22.03 1.82 0.00	20.58 1.60 0.00	19.66 1.42 0.00	19.43 1.37 0.00	19.41 1.45 0.00	19.78 1.55 0.00	23.44 1.90 0.00	25.10 1.60 0.00	26.06 1.80 0.00	26.32 1.95 0.00	29.71 2.20 0.00	29.99 1.75 0.00	31.09 1.65 0.00	33.33 1.63 -1.48	36.15 1.45 -3.21	40.57 1.83 -6.52	45.67 1.86 -5.80	63.08 2.61 -13.78	53.09 2.12 -5.93	40.91 1.45 -7.32	41.42 1.16 -10.54	34.25 0.95 -5.52	31.76 0.97 -2.94	28.70 1.31 -0.03
KEDC_GLWD_GT4 24219	21.49 1.27 0.00	20.13 1.14 0.00	19.29 1.06 0.00	19.12 1.07 0.00	19.05 1.10 0.00	19.35 1.11 0.00	22.93 1.38 0.00	24.93 1.43 0.00	25.82 1.55 0.00	26.10 1.73 0.00	29.46 1.95 0.00	30.28 2.03 0.00	31.50 2.06 0.00	33.70 1.99 -1.48	36.25 1.54 -3.21	40.63 1.90 -6.52	45.78 1.97 -5.81	63.07 2.80 -13.58	58.09 2.30 -10.74	47.71 1.57 -14.00	44.55 1.25 -13.58	37.11 1.03 -8.29	32.15 1.36 -2.94	28.86 1.48 -0.03
KEDC_GLWD_GT5 24220	21.49 1.27 0.00	20.13 1.14 0.00	19.29 1.06 0.00	19.12 1.07 0.00	19.05 1.10 0.00	19.35 1.11 0.00	22.93 1.38 0.00	24.93 1.43 0.00	25.82 1.55 0.00	26.10 1.73 0.00	29.46 1.95 0.00	30.28 2.03 0.00	31.50 2.06 0.00	33.70 1.99 -1.48	36.25 1.54 -3.21	40.63 1.90 -6.52	45.78 1.97 -5.81	63.07 2.80 -13.58	58.09 2.30 -10.74	47.71 1.57 -14.00	44.55 1.25 -13.58	37.11 1.03 -8.29	32.15 1.36 -2.94	28.86 1.48 -0.03
KENSICO____ 23655	21.22 1.01 0.00	19.92 0.93 0.00	19.11 0.88 0.00	19.02 0.96 0.00	18.86 0.90 0.00	19.15 0.91 0.00	22.65 1.10 0.00	24.77 1.27 0.00	25.72 1.46 0.00	25.88 1.51 0.00	29.16 1.65 0.00	30.33 2.09 0.00	31.50 2.06 0.00	33.73 2.02 -1.49	36.56 1.86 -3.21	40.81 2.09 -6.51	46.08 2.28 -5.80	63.64 3.03 -13.93	61.14 2.57 -13.53	51.80 1.80 -17.86	46.48 1.43 -15.33	38.95 1.28 -9.89	32.17 1.39 -2.93	28.86 1.48 -0.03
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	21.39 1.17 0.00	19.98 0.99 0.00	19.20 0.97 0.00	19.09 1.03 0.00	18.95 0.99 0.00	19.22 0.98 0.00	22.78 1.23 0.00	24.96 1.46 0.00	25.92 1.65 0.00	26.03 1.66 0.00	29.32 1.82 0.00	30.73 2.49 0.00	31.97 2.53 0.00	34.22 2.30 -1.71	37.27 2.20 -3.57	42.14 2.67 -7.25	47.58 3.12 -6.46	66.52 4.29 -15.54	63.88 3.74 -15.10	54.87 2.80 -19.93	49.03 2.20 -17.11	40.60 1.78 -11.04	32.93 1.81 -3.28	29.30 1.91 -0.03
KIAC_JFK_GT1 23816	21.18 0.97 0.00	19.86 0.87 0.00	19.06 0.82 0.00	19.00 0.94 0.00	18.80 0.84 0.00	19.07 0.84 0.00	22.62 1.08 0.00	24.84 1.34 0.00	25.85 1.58 0.00	26.03 1.66 0.00	29.13 1.62 0.00	30.30 2.06 0.00	31.50 2.06 0.00	33.73 2.02 -1.49	36.28 1.57 -3.21	40.57 1.84 -6.52	45.71 1.90 -5.81	63.44 2.80 -13.95	60.86 2.25 -13.55	51.58 1.54 -17.89	46.24 1.16 -15.36	38.72 1.03 -9.91	32.29 1.50 -2.94	28.91 1.53 -0.03
KIAC_JFK_GT2 23817	21.18 0.97 0.00	19.86 0.87 0.00	19.06 0.82 0.00	19.00 0.94 0.00	18.80 0.84 0.00	19.07 0.84 0.00	22.62 1.08 0.00	24.84 1.34 0.00	25.85 1.58 0.00	26.03 1.66 0.00	29.13 1.62 0.00	30.30 2.06 0.00	31.50 2.06 0.00	33.73 2.02 -1.49	36.28 1.57 -3.21	40.57 1.84 -6.52	45.71 1.90 -5.81	63.44 2.80 -13.95	60.86 2.25 -13.55	51.58 1.54 -17.89	46.24 1.16 -15.36	38.72 1.03 -9.91	32.29 1.50 -2.94	28.91 1.53 -0.03
KIAC_JFK____ 323774	21.18 0.97 0.00	19.86 0.87 0.00	19.06 0.82 0.00	18.91 0.85 0.00	18.80 0.84 0.00	19.07 0.84 0.00	22.62 1.08 0.00	24.84 1.34 0.00	25.72 1.46 0.00	26.03 1.66 0.00	29.13 1.62 0.00	30.22 1.98 0.00	31.44 2.00 0.00	33.40 1.69 -1.49	36.16 1.45 -3.21	40.50 1.77 -6.52	45.56 1.75 -5.81	63.39 2.75 -13.96	60.85 2.25 -13.56	51.52 1.48 -17.89	46.21 1.13 -15.36	38.67 0.97 -9.91	32.29 1.50 -2.94	28.91 1.53 -0.03
KINTIGH____ 23543	20.52 0.30 0.00	19.18 0.19 0.00	18.33 0.09 0.00	17.99 -0.07 0.00	17.96 0.00 0.00	18.49 0.26 0.00	21.53 -0.02 0.00	23.40 -0.09 0.00	24.24 -0.02 0.00	24.20 -0.17 0.00	27.42 -0.08 0.00	28.24 0.00 0.00	29.77 0.32 0.00	31.08 0.66 -0.20	32.93 1.01 -0.43	34.22 1.13 -0.88	40.46 1.67 -0.79	50.21 1.63 -1.89	48.68 1.80 -1.83	35.78 1.22 -2.42	32.45 0.65 -2.08	29.40 0.28 -1.34	28.35 0.11 -0.40	27.60 0.25 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	20.41 0.20 0.00	19.18 0.19 0.00	18.38 0.15 0.00	18.20 0.14 0.00	18.12 0.16 0.00	18.34 0.11 0.00	21.81 0.26 0.00	23.85 0.35 0.00	24.80 0.53 0.00	25.01 0.63 0.00	28.25 0.74 0.00	28.72 0.48 0.00	29.94 0.50 0.00	30.64 0.42 0.00	31.84 0.35 0.00	32.50 0.29 0.00	38.54 0.53 0.00	47.66 0.98 0.00	45.99 0.95 0.00	32.82 0.67 0.00	30.32 0.59 0.00	28.43 0.64 0.00	28.32 0.47 0.00	27.85 0.49 0.00

LACHUTE____HYDRO 323717	22.31 2.10 0.00	20.85 1.86 0.00	19.97 1.73 0.00	19.81 1.75 0.00	19.70 1.74 0.00	20.07 1.84 0.00	23.83 2.28 0.00	26.08 2.58 0.00	26.96 2.69 0.00	26.91 2.53 0.00	30.31 2.81 0.00	31.94 3.70 0.00	33.41 3.97 0.00	39.54 4.59 -4.73	46.57 5.29 -9.79	57.14 5.06 -19.87	62.16 6.46 -17.69	95.74 8.17 -40.89	92.83 8.06 -39.72	90.35 5.78 -52.43	79.87 5.14 -45.01	61.68 4.86 -29.04	40.89 4.43 -8.62	31.54 4.10 -0.08
LAWRNCrav_115KV_TB1 80681	19.97 -0.24 0.00	18.74 -0.25 0.00	18.00 -0.24 0.00	17.82 -0.23 0.00	17.73 -0.23 0.00	17.98 -0.26 0.00	21.35 -0.19 0.00	23.33 -0.16 0.00	24.15 -0.12 0.00	24.32 -0.05 0.00	27.64 -0.06 -0.19	28.18 -0.28 -0.22	29.22 -0.47 -0.25	29.28 -1.24 -0.30	29.33 -1.32 0.84	29.32 -1.51 1.38	29.47 -1.86 6.67	45.60 -1.54 -0.46	44.22 -1.35 -0.52	29.18 -1.41 1.55	29.00 -0.83 -0.11	27.53 -0.44 -0.19	27.73 -0.25 -0.14	27.39 -0.14 -0.17
LEDERLE____ 23769	21.22 1.01 0.00	19.90 0.91 0.00	19.09 0.86 0.00	18.98 0.92 0.00	18.82 0.86 0.00	19.13 0.89 0.00	22.65 1.10 0.00	24.77 1.27 0.00	25.68 1.41 0.00	25.81 1.44 0.00	29.07 1.57 0.00	30.28 2.03 0.00	31.47 2.03 0.00	33.64 1.99 -1.43	36.44 1.86 -3.09	40.60 2.13 -6.27	45.94 2.36 -5.58	63.17 3.08 -13.40	60.63 2.57 -13.02	51.19 1.86 -17.18	45.96 1.49 -14.75	38.58 1.28 -9.52	32.03 1.36 -2.82	28.83 1.45 -0.03
LIGHTHSE_115KV_TB6 355974	20.33 0.12 0.00	19.08 0.09 0.00	18.29 0.05 0.00	18.08 0.02 0.00	17.99 0.04 0.00	18.36 0.13 0.00	21.74 0.19 0.00	23.62 0.12 0.00	24.29 0.02 0.00	24.42 0.05 0.00	28.96 0.00 -1.45	29.97 0.08 -1.64	31.46 0.15 -1.87	32.71 0.21 -2.28	34.48 0.38 -2.61	35.43 0.48 -2.74	43.23 0.76 -4.47	50.93 0.79 -3.46	49.93 0.95 -3.94	34.72 0.64 -1.93	31.10 0.53 -0.85	29.59 0.39 -1.42	29.20 0.33 -1.02	28.83 0.16 -1.32
LINDEN COGEN____ 23786	21.12 0.91 0.00	19.80 0.82 0.00	19.00 0.77 0.00	18.87 0.81 0.00	18.77 0.81 0.00	19.04 0.80 0.00	22.54 0.99 0.00	24.70 1.20 0.00	25.58 1.31 0.00	25.86 1.49 0.00	29.10 1.59 0.00	30.25 2.01 0.00	31.38 1.94 0.00	33.49 1.78 -1.49	36.22 1.51 -3.21	40.57 1.83 -6.52	45.67 1.86 -5.81	63.44 2.80 -13.96	60.85 2.25 -13.56	51.52 1.48 -17.89	46.27 1.19 -15.36	38.69 1.00 -9.91	32.09 1.31 -2.94	28.80 1.42 -0.03
LINDHRST_69_KV_BK1 356055	21.89 1.68 0.00	20.47 1.48 0.00	19.57 1.33 0.00	19.41 1.35 0.00	19.32 1.36 0.00	19.67 1.44 0.00	23.36 1.81 0.00	25.17 1.67 0.00	26.21 1.94 0.00	26.39 2.02 0.00	29.74 2.23 0.00	30.59 2.34 0.00	31.44 2.00 0.00	33.64 1.93 -1.49	36.41 1.70 -3.21	40.73 2.00 -6.52	45.93 2.13 -5.80	63.07 2.89 -13.50	54.13 2.39 -6.70	42.20 1.67 -8.38	42.03 1.28 -11.03	34.89 1.14 -5.97	31.98 1.20 -2.94	28.97 1.59 -0.03
LIPA_MISC_IPP 23656	21.97 1.76 0.00	20.53 1.54 0.00	19.60 1.37 0.00	19.43 1.37 0.00	19.36 1.40 0.00	19.73 1.50 0.00	23.38 1.83 0.00	24.88 1.39 0.00	25.92 1.65 0.00	26.10 1.73 0.00	29.43 1.93 0.00	30.22 1.98 0.00	31.03 1.59 0.00	33.21 1.51 -1.49	36.00 1.29 -3.21	40.34 1.61 -6.52	45.74 1.94 -5.80	63.08 2.61 -13.78	53.06 2.12 -5.90	40.90 1.48 -7.28	41.16 0.92 -10.52	34.10 0.81 -5.50	31.53 0.75 -2.94	28.61 1.23 -0.03
LISF____SOLAR 323691	21.99 1.78 0.00	20.55 1.56 0.00	19.62 1.39 0.00	19.39 1.34 0.00	19.38 1.42 0.00	19.75 1.51 0.00	23.40 1.85 0.00	24.88 1.39 0.00	25.85 1.58 0.00	26.10 1.73 0.00	29.46 1.95 0.00	29.79 1.55 0.00	30.85 1.41 0.00	33.12 1.42 -1.49	35.90 1.20 -3.21	40.31 1.58 -6.52	45.67 1.86 -5.80	63.12 2.66 -13.78	53.12 2.16 -5.91	40.91 1.48 -7.29	41.20 0.95 -10.53	34.05 0.75 -5.51	31.56 0.78 -2.94	28.48 1.10 -0.03
LITTLE FALLS____HYD 24013	20.09 -0.12 0.00	18.86 -0.13 0.00	18.11 -0.13 0.00	17.93 -0.13 0.00	17.85 -0.11 0.00	18.12 -0.11 0.00	21.42 -0.13 0.00	23.36 -0.14 0.00	24.10 -0.17 0.00	24.25 -0.12 0.00	27.34 -0.17 0.00	28.36 0.11 0.00	29.56 0.12 0.00	30.13 -0.09 0.00	31.40 -0.09 0.00	32.11 -0.10 0.00	37.93 -0.08 0.00	46.50 -0.19 0.00	44.82 -0.23 0.00	31.95 -0.19 0.00	29.45 -0.27 0.00	27.51 -0.28 0.00	27.62 -0.22 0.00	27.13 -0.22 0.00
LITTLRIV_115KV_TB1 356100	20.07 -0.14 0.00	18.86 -0.13 0.00	18.09 -0.15 0.00	17.91 -0.14 0.00	17.83 -0.13 0.00	18.09 -0.15 0.00	21.53 -0.02 0.00	23.52 0.02 0.00	24.34 0.07 0.00	24.54 0.17 0.00	27.91 0.19 -0.21	28.43 -0.06 -0.24	29.54 -0.18 -0.27	29.58 -0.97 -0.33	30.83 -1.04 -0.38	31.38 -1.22 -0.40	37.21 -1.44 -0.65	46.02 -1.17 -0.51	44.72 -0.90 -0.58	31.33 -1.09 -0.28	29.31 -0.53 -0.12	27.80 -0.19 -0.21	27.99 0.00 -0.15	27.63 0.08 -0.19
LI_NEWBRDGE____DRP 323616	21.49 1.27 0.00	20.11 1.12 0.00	19.24 1.00 0.00	19.11 1.05 0.00	19.00 1.04 0.00	19.33 1.09 0.00	22.93 1.38 0.00	24.77 1.27 0.00	25.77 1.50 0.00	25.96 1.58 0.00	29.24 1.73 0.00	30.13 1.89 0.00	30.99 1.56 0.01	33.21 1.51 -1.48	35.96 1.26 -3.21	40.24 1.51 -6.52	45.40 1.60 -5.80	62.74 2.19 -13.86	52.15 1.71 -5.39	39.91 1.19 -6.58	40.78 0.86 -10.20	33.75 0.75 -5.21	31.61 0.84 -2.93	28.53 1.15 -0.03
LOCKPORT_115KV_TB60_63_64 80432	20.62 0.40 0.00	19.29 0.30 0.00	18.40 0.16 0.00	18.04 -0.02 0.00	18.01 0.05 0.00	18.60 0.36 0.00	21.57 0.02 0.00	23.40 -0.09 0.00	24.29 0.02 0.00	24.20 -0.17 0.00	27.40 -0.11 0.00	28.27 0.03 0.00	29.91 0.47 0.00	31.35 0.91 -0.22	33.27 1.29 -0.49	34.58 1.38 -0.99	40.97 2.09 -0.88	50.80 2.01 -2.11	49.35 2.25 -2.05	36.36 1.51 -2.70	32.79 0.74 -2.32	29.56 0.28 -1.50	28.43 0.14 -0.44	27.66 0.30 0.00
LOCKPORT____CC1 323769	20.64 0.43 0.00	19.31 0.32 0.00	18.42 0.18 0.00	18.17 0.11 0.00	18.03 0.07 0.00	18.60 0.36 0.00	21.68 0.13 0.00	23.40 -0.09 0.00	24.32 0.05 0.00	24.20 -0.17 0.00	27.40 -0.11 0.00	28.47 0.22 0.00	29.82 0.38 0.00	31.32 0.88 -0.22	33.21 1.23 -0.49	34.59 1.38 -1.00	40.94 2.05 -0.89	50.58 1.77 -2.13	49.19 2.07 -2.07	36.38 1.51 -2.73	32.69 0.63 -2.34	29.52 0.22 -1.51	28.57 0.28 -0.45	27.60 0.25 0.00
LOCKPORT____CC2 323770	20.64 0.43 0.00	19.31 0.32 0.00	18.42 0.18 0.00	18.17 0.11 0.00	18.03 0.07 0.00	18.60 0.36 0.00	21.68 0.13 0.00	23.40 -0.09 0.00	24.32 0.05 0.00	24.20 -0.17 0.00	27.40 -0.11 0.00	28.47 0.22 0.00	29.82 0.38 0.00	31.32 0.88 -0.22	33.21 1.23 -0.49	34.59 1.38 -1.00	40.94 2.05 -0.89	50.58 1.77 -2.13	49.19 2.07 -2.07	36.38 1.51 -2.73	32.69 0.63 -2.34	29.52 0.22 -1.51	28.57 0.28 -0.45	27.60 0.25 0.00
LOCKPORT____CC3 323771	20.64 0.43 0.00	19.31 0.32 0.00	18.42 0.18 0.00	18.17 0.11 0.00	18.03 0.07 0.00	18.60 0.36 0.00	21.68 0.13 0.00	23.40 -0.09 0.00	24.32 0.05 0.00	24.20 -0.17 0.00	27.40 -0.11 0.00	28.47 0.22 0.00	29.82 0.38 0.00	31.32 0.88 -0.22	33.21 1.23 -0.49	34.59 1.38 -1.00	40.94 2.05 -0.89	50.58 1.77 -2.13	49.19 2.07 -2.07	36.38 1.51 -2.73	32.69 0.63 -2.34	29.52 0.22 -1.51	28.57 0.28 -0.45	27.60 0.25 0.00

LONG_LAKE_PHOENIX 24014	20.15 -0.06 0.00	18.89 -0.09 0.00	18.13 -0.11 0.00	17.91 -0.14 0.00	17.83 -0.13 0.00	18.18 -0.05 0.00	21.46 -0.09 0.00	23.33 -0.16 0.00	24.03 -0.24 0.00	24.10 -0.27 0.00	29.26 -0.28 -2.03	30.34 -0.20 -2.30	31.91 -0.15 -2.62	33.34 -0.06 -3.18	35.20 0.06 -3.65	36.20 0.16 -3.83	44.55 0.30 -6.25	51.70 0.19 -4.83	50.83 0.27 -5.51	35.04 0.19 -2.70	30.97 0.06 -1.19	29.68 -0.08 -1.98	29.10 -0.17 -1.43	28.95 -0.25 -1.84
LOVETT___3 23632	21.14 0.93 0.00	19.82 0.84 0.00	19.04 0.80 0.00	18.93 0.87 0.00	18.77 0.81 0.00	19.05 0.82 0.00	22.56 1.01 0.00	24.67 1.17 0.00	25.55 1.29 0.00	25.69 1.32 0.00	28.91 1.40 0.00	30.08 1.84 0.00	31.27 1.83 0.00	33.44 1.78 -1.44	36.23 1.64 -3.10	40.37 1.87 -6.29	45.66 2.05 -5.60	62.85 2.71 -13.46	60.38 2.25 -13.08	51.01 1.61 -17.26	45.79 1.25 -14.82	38.43 1.08 -9.56	31.88 1.20 -2.84	28.67 1.29 -0.03
LOVETT___4 23642	21.14 0.93 0.00	19.82 0.84 0.00	19.04 0.80 0.00	18.93 0.87 0.00	18.77 0.81 0.00	19.05 0.82 0.00	22.56 1.01 0.00	24.67 1.17 0.00	25.55 1.29 0.00	25.69 1.32 0.00	28.91 1.40 0.00	30.08 1.84 0.00	31.27 1.83 0.00	33.44 1.78 -1.44	36.23 1.64 -3.10	40.37 1.87 -6.29	45.66 2.05 -5.60	62.85 2.71 -13.46	60.38 2.25 -13.08	51.01 1.61 -17.26	45.79 1.25 -14.82	38.43 1.08 -9.56	31.88 1.20 -2.84	28.67 1.29 -0.03
LOVETT___5 23593	21.14 0.93 0.00	19.82 0.84 0.00	19.04 0.80 0.00	18.93 0.87 0.00	18.77 0.81 0.00	19.05 0.82 0.00	22.56 1.01 0.00	24.67 1.17 0.00	25.55 1.29 0.00	25.69 1.32 0.00	28.91 1.40 0.00	30.08 1.84 0.00	31.27 1.83 0.00	33.44 1.78 -1.44	36.23 1.64 -3.10	40.37 1.87 -6.29	45.66 2.05 -5.60	62.85 2.71 -13.46	60.38 2.25 -13.08	51.01 1.61 -17.26	45.79 1.25 -14.82	38.43 1.08 -9.56	31.88 1.20 -2.84	28.67 1.29 -0.03
LOWER_RAQUET___HYD 24057	19.97 -0.24 0.00	18.74 -0.25 0.00	18.00 -0.24 0.00	17.81 -0.25 0.00	17.72 -0.23 0.00	17.98 -0.26 0.00	21.37 -0.17 0.00	23.36 -0.14 0.00	24.17 -0.10 0.00	24.35 -0.02 0.00	27.71 -0.03 -0.23	28.25 -0.25 -0.26	29.21 -0.53 -0.29	29.31 -1.27 -0.36	30.58 -1.32 -0.41	31.09 -1.55 -0.43	36.81 -1.90 -0.70	45.55 -1.68 -0.54	44.14 -1.53 -0.62	30.97 -1.48 -0.30	28.87 -0.98 -0.13	27.51 -0.50 -0.22	27.75 -0.25 -0.16	27.45 -0.11 -0.21
LOWER___HUDSON 24059	21.06 0.85 0.00	19.80 0.82 0.00	19.04 0.80 0.00	18.87 0.81 0.00	18.77 0.81 0.00	19.00 0.77 0.00	22.45 0.90 0.00	24.46 0.96 0.00	25.21 0.95 0.00	25.37 1.00 0.00	28.64 1.13 0.00	29.74 1.50 0.00	30.97 1.53 0.00	36.03 1.63 -4.18	41.80 1.70 -8.61	51.45 1.77 -17.48	55.61 2.05 -15.56	85.57 2.47 -36.41	82.76 2.34 -35.37	80.50 1.67 -46.69	71.35 1.54 -40.08	55.06 1.42 -25.86	37.02 1.50 -7.67	28.93 1.50 -0.07
LOWVILLE_115KV_TB2 356335	20.68 0.46 0.00	19.41 0.42 0.00	18.60 0.36 0.00	18.40 0.34 0.00	18.32 0.36 0.00	18.67 0.44 0.00	22.22 0.67 0.00	24.16 0.66 0.00	24.88 0.61 0.00	24.91 0.54 0.00	28.48 0.52 -0.45	29.34 0.59 -0.50	30.63 0.62 -0.57	31.34 0.42 -0.70	33.05 0.76 -0.80	33.92 0.87 -0.84	40.78 1.41 -1.37	49.56 1.82 -1.06	48.24 1.98 -1.21	34.09 1.35 -0.59	31.32 1.34 -0.26	29.33 1.11 -0.43	29.24 1.09 -0.31	28.66 0.90 -0.40
LUTHERFT_115KV_GLOB_FND_222 355753	21.32 1.11 0.00	20.01 1.03 0.00	19.22 0.98 0.00	19.07 1.01 0.00	18.95 0.99 0.00	19.22 0.98 0.00	22.75 1.21 0.00	24.79 1.29 0.00	25.60 1.33 0.00	25.69 1.32 0.00	28.96 1.46 0.00	30.13 1.89 0.00	31.44 2.00 0.00	37.08 2.18 -4.68	43.56 2.36 -9.70	54.28 2.38 -19.69	58.46 2.93 -17.53	90.93 3.69 -40.56	88.00 3.56 -39.39	86.68 2.54 -52.00	76.71 2.35 -44.64	58.70 2.11 -28.80	38.45 2.06 -8.55	29.46 2.02 -0.08
LUTHERNY_35_KV_BK2 355980	21.34 1.13 0.00	20.03 1.04 0.00	19.24 1.00 0.00	19.09 1.03 0.00	18.96 1.01 0.00	19.24 1.00 0.00	22.78 1.23 0.00	24.79 1.29 0.00	25.63 1.36 0.00	25.69 1.32 0.00	28.96 1.46 0.00	30.13 1.89 0.00	31.44 2.00 0.00	37.11 2.21 -4.68	43.59 2.39 -9.70	54.32 2.42 -19.69	58.50 2.96 -17.53	90.97 3.73 -40.56	88.05 3.60 -39.39	86.72 2.57 -52.00	76.71 2.35 -44.64	58.73 2.14 -28.80	38.48 2.09 -8.55	29.46 2.02 -0.08
LWR___OSWEGATCHIE_HYD 23850	20.31 0.10 0.00	19.06 0.08 0.00	18.27 0.04 0.00	18.09 0.04 0.00	18.01 0.05 0.00	18.31 0.07 0.00	21.78 0.24 0.00	23.73 0.23 0.00	24.49 0.22 0.00	24.62 0.24 0.00	28.13 0.22 -0.40	28.81 0.11 -0.45	29.96 0.00 -0.52	30.42 -0.42 -0.63	31.87 -0.35 -0.72	32.58 -0.39 -0.75	38.93 -0.30 -1.23	47.64 0.00 -0.95	46.36 0.23 -1.09	32.58 -0.10 -0.53	30.13 0.18 -0.23	28.48 0.31 -0.39	28.57 0.45 -0.28	28.13 0.41 -0.36
LYONS_FALL_HYD 23570	20.68 0.47 0.00	19.41 0.42 0.00	18.60 0.36 0.00	18.40 0.34 0.00	18.32 0.36 0.00	18.65 0.42 0.00	22.17 0.63 0.00	24.13 0.63 0.00	24.88 0.61 0.00	24.96 0.58 0.00	28.44 0.60 -0.32	29.34 0.73 -0.37	30.48 0.62 -0.42	31.36 0.64 -0.51	32.96 0.88 -0.58	33.82 1.00 -0.61	40.48 1.48 -1.00	49.28 1.82 -0.77	47.73 1.80 -0.88	33.92 1.35 -0.43	31.16 1.25 -0.19	29.13 1.03 -0.32	29.07 1.00 -0.23	28.47 0.82 -0.29
MADISON___COUNTY_LFGE 323628	20.80 0.59 0.00	19.52 0.53 0.00	18.71 0.47 0.00	18.49 0.43 0.00	18.41 0.45 0.00	18.78 0.55 0.00	22.26 0.71 0.00	24.25 0.75 0.00	25.02 0.75 0.00	25.15 0.78 0.00	28.73 0.88 -0.34	29.64 1.02 -0.38	31.03 1.15 -0.44	31.90 1.15 -0.53	33.42 1.32 -0.61	34.30 1.45 -0.64	41.06 2.01 -1.04	49.83 2.33 -0.81	48.31 2.34 -0.92	34.27 1.67 -0.45	31.38 1.46 -0.20	29.26 1.14 -0.33	29.14 1.06 -0.24	28.54 0.88 -0.31
MALONE___115KV_TB1 356076	20.25 0.04 0.00	19.01 0.02 0.00	18.24 0.00 0.00	18.06 0.00 0.00	17.98 0.02 0.00	18.22 -0.02 0.00	21.66 0.11 0.00	23.69 0.19 0.00	24.61 0.34 0.00	24.81 0.44 0.00	28.06 0.55 0.00	28.50 0.25 0.00	29.65 0.21 0.00	30.19 -0.03 0.00	31.40 -0.09 0.00	31.98 -0.23 0.00	37.89 -0.11 0.00	46.92 0.23 0.00	45.32 0.27 0.00	32.21 0.06 0.00	29.90 0.18 0.00	28.12 0.33 0.00	28.09 0.25 0.00	27.65 0.30 0.00
MAPLEWOD_115KV_TB3 80458	21.06 0.85 0.00	19.81 0.82 0.00	19.04 0.80 0.00	18.89 0.83 0.00	18.77 0.81 0.00	19.00 0.77 0.00	22.50 0.95 0.00	24.46 0.96 0.00	25.26 1.00 0.00	25.37 1.00 0.00	28.63 1.13 0.00	29.82 1.58 0.00	31.09 1.65 0.00	35.76 1.75 -3.79	41.08 1.89 -7.70	49.80 1.96 -15.63	54.23 2.32 -13.91	82.08 2.75 -32.64	79.41 2.66 -31.71	75.92 1.93 -41.85	67.41 1.75 -35.93	52.58 1.61 -23.18	36.36 1.64 -6.88	29.03 1.61 -0.07
MAPLE RIDGE_WT_1 323574	19.91 -0.30 0.00	18.70 -0.28 0.00	17.96 -0.27 0.00	17.79 -0.27 0.00	17.69 -0.27 0.00	17.94 -0.29 0.00	21.22 -0.32 0.00	23.19 -0.31 0.00	23.98 -0.29 0.00	24.08 -0.29 0.00	27.20 -0.30 0.00	27.79 -0.45 0.00	28.94 -0.50 0.00	29.58 -0.64 0.00	30.80 -0.69 0.00	31.43 -0.77 0.00	37.05 -0.95 0.00	45.70 -0.98 0.00	44.06 -0.99 0.00	31.34 -0.80 0.00	29.04 -0.68 0.00	27.26 -0.53 0.00	27.26 -0.59 0.00	26.86 -0.49 0.00

MAPLE_RIDGE_WT_2 323611	19.91 -0.30 0.00	18.70 -0.28 0.00	17.96 -0.27 0.00	17.79 -0.27 0.00	17.69 -0.27 0.00	17.94 -0.29 0.00	21.22 -0.32 0.00	23.19 -0.31 0.00	23.98 -0.29 0.00	24.08 -0.29 0.00	27.20 -0.30 0.00	27.79 -0.45 0.00	28.94 -0.50 0.00	29.58 -0.64 0.00	30.80 -0.69 0.00	31.43 -0.77 0.00	37.05 -0.95 0.00	45.70 -0.98 0.00	44.06 -0.99 0.00	31.34 -0.80 0.00	29.04 -0.68 0.00	27.26 -0.53 0.00	27.26 -0.59 0.00	26.86 -0.49 0.00
MARBLE_RIVER_WT_PWR 323696	20.25 0.04 0.00	19.01 0.02 0.00	18.22 -0.02 0.00	18.04 -0.02 0.00	17.96 0.00 0.00	18.20 -0.04 0.00	21.61 0.06 0.00	23.64 0.14 0.00	24.58 0.31 0.00	24.76 0.39 0.00	27.97 0.47 0.00	28.41 0.17 0.00	29.65 0.21 0.00	30.28 0.06 0.00	31.49 0.00 0.00	32.11 -0.10 0.00	38.00 0.00 0.00	47.01 0.33 0.00	45.37 0.32 0.00	32.34 0.19 0.00	29.90 0.18 0.00	28.12 0.33 0.00	28.01 0.17 0.00	27.57 0.22 0.00
MARSHVLE_115KV_TB1 80742	21.97 1.76 0.00	20.58 1.60 0.00	19.75 1.51 0.00	19.58 1.52 0.00	19.47 1.51 0.00	19.82 1.59 0.00	23.51 1.96 0.00	25.61 2.11 0.00	26.45 2.18 0.00	26.44 2.07 0.00	29.82 2.31 0.00	30.90 2.65 0.00	32.24 2.80 0.00	37.42 3.02 -4.18	43.63 3.43 -8.70	53.57 3.70 -17.66	58.17 4.45 -15.72	88.44 5.60 -36.16	85.94 5.77 -35.12	82.65 4.15 -46.36	73.27 3.74 -39.80	56.85 3.39 -25.68	38.58 3.12 -7.62	30.35 2.93 -0.07
MARSH_HILL_WT_PWR 323713	21.30 1.09 0.00	19.98 0.99 0.00	19.06 0.82 0.00	18.82 0.76 0.00	18.68 0.72 0.00	19.27 1.04 0.00	22.65 1.10 0.00	24.60 1.10 0.00	25.46 1.19 0.00	25.37 1.00 0.00	28.88 1.13 -0.24	29.99 1.47 -0.28	31.29 1.53 -0.31	32.97 2.06 -0.70	35.05 2.43 -1.13	36.65 2.58 -1.86	43.57 3.57 -2.00	53.80 3.55 -3.57	52.35 3.74 -3.56	38.93 2.64 -4.15	35.00 1.84 -3.43	31.53 1.39 -2.36	29.95 1.31 -0.80	28.65 1.07 -0.23
MCINTYRE_115KV_TB2 80467	20.07 -0.14 0.00	18.88 -0.11 0.00	18.11 -0.13 0.00	17.93 -0.13 0.00	17.83 -0.13 0.00	18.09 -0.15 0.00	21.50 -0.04 0.00	23.52 0.02 0.00	24.34 0.07 0.00	24.52 0.15 0.00	27.86 0.17 -0.19	28.31 -0.14 -0.21	29.48 -0.21 -0.24	29.60 -0.91 -0.29	30.85 -0.98 -0.33	31.43 -1.13 -0.35	37.28 -1.29 -0.57	46.24 -0.89 -0.44	44.88 -0.68 -0.51	31.46 -0.93 -0.25	29.47 -0.36 -0.11	27.94 -0.03 -0.18	28.06 0.08 -0.13	27.63 0.11 -0.17
MECO____69_KV_BK1 80468	22.21 2.00 0.00	20.77 1.78 0.00	19.91 1.68 0.00	19.76 1.70 0.00	19.65 1.69 0.00	20.00 1.77 0.00	23.77 2.22 0.00	25.90 2.40 0.00	26.70 2.43 0.00	26.61 2.24 0.00	29.98 2.48 0.00	31.52 3.28 0.00	32.94 3.50 0.00	38.00 3.32 -4.46	44.73 3.97 -9.27	55.40 4.38 -18.81	59.99 5.24 -16.74	91.93 6.77 -38.48	89.41 6.98 -37.38	86.53 5.05 -49.34	76.63 4.55 -42.36	59.17 4.06 -27.32	39.57 3.62 -8.11	31.04 3.61 -0.08
MENANDS__115KV_TB5 355628	20.78 0.57 0.00	19.58 0.59 0.00	18.82 0.58 0.00	18.67 0.61 0.00	18.55 0.59 0.00	18.78 0.55 0.00	22.19 0.65 0.00	24.13 0.63 0.00	24.90 0.63 0.00	25.03 0.66 0.00	28.28 0.77 0.00	29.40 1.16 0.00	30.59 1.15 0.00	35.05 1.24 -3.60	40.02 1.29 -7.24	48.25 1.35 -14.69	52.56 1.48 -13.08	79.29 1.73 -30.87	76.66 1.62 -29.99	72.89 1.16 -39.59	64.78 1.07 -33.99	50.71 1.00 -21.92	35.44 1.09 -6.51	28.51 1.09 -0.06
MG INDUSTRY__DRP 24185	20.82 0.61 0.00	19.62 0.63 0.00	18.87 0.64 0.00	18.71 0.65 0.00	18.59 0.63 0.00	18.82 0.58 0.00	22.22 0.67 0.00	24.16 0.66 0.00	24.92 0.66 0.00	25.01 0.63 0.00	28.25 0.74 0.00	29.29 1.04 0.00	30.50 1.06 0.00	34.30 1.18 -2.91	38.22 1.23 -5.50	44.60 1.22 -11.17	49.35 1.41 -9.94	72.57 1.63 -24.26	70.19 1.58 -23.56	64.40 1.16 -31.10	57.52 1.10 -26.70	46.04 1.03 -17.23	34.04 1.09 -5.11	28.50 1.09 -0.05
MID__OSWEGATCHIE_HYD 23849	20.31 0.10 0.00	19.06 0.08 0.00	18.27 0.04 0.00	18.09 0.04 0.00	18.01 0.05 0.00	18.31 0.07 0.00	21.78 0.24 0.00	23.73 0.23 0.00	24.49 0.22 0.00	24.62 0.24 0.00	28.13 0.22 -0.40	28.81 0.11 -0.45	29.96 0.00 -0.52	30.42 -0.42 -0.63	31.87 -0.35 -0.72	32.58 -0.39 -0.75	38.93 -0.30 -1.23	47.64 0.00 -0.95	46.36 0.23 -1.09	32.58 -0.10 -0.53	30.13 0.18 -0.23	28.48 0.31 -0.39	28.57 0.45 -0.28	28.13 0.41 -0.36
MID__RAQUETTE_HYD 23851	19.97 -0.24 0.00	18.74 -0.25 0.00	18.00 -0.24 0.00	17.81 -0.25 0.00	17.73 -0.23 0.00	17.98 -0.26 0.00	21.40 -0.15 0.00	23.36 -0.14 0.00	24.17 -0.10 0.00	24.35 -0.02 0.00	27.71 -0.03 -0.23	28.25 -0.25 -0.26	29.26 -0.47 -0.29	29.34 -1.24 -0.36	30.58 -1.32 -0.41	31.09 -1.55 -0.43	36.81 -1.90 -0.70	45.55 -1.68 -0.54	44.23 -1.44 -0.62	30.97 -1.48 -0.30	28.93 -0.92 -0.13	27.51 -0.50 -0.22	27.78 -0.22 -0.16	27.48 -0.08 -0.21
MILLIKEN__1 23584	20.86 0.65 0.00	19.58 0.59 0.00	18.75 0.51 0.00	18.53 0.47 0.00	18.44 0.48 0.00	18.85 0.62 0.00	22.28 0.73 0.00	24.30 0.80 0.00	25.05 0.78 0.00	25.08 0.71 0.00	29.05 0.80 -0.74	29.99 0.90 -0.84	31.46 1.06 -0.96	32.88 1.18 -1.48	34.79 1.29 -2.01	36.42 1.45 -2.76	43.52 2.01 -3.50	53.68 2.33 -4.66	52.35 2.48 -4.83	38.61 1.77 -4.70	34.82 1.49 -3.62	31.68 1.11 -2.78	29.98 1.00 -1.13	28.86 0.82 -0.68
MILLIKEN__2 23585	20.86 0.65 0.00	19.58 0.59 0.00	18.75 0.51 0.00	18.53 0.47 0.00	18.44 0.48 0.00	18.85 0.62 0.00	22.28 0.73 0.00	24.30 0.80 0.00	25.05 0.78 0.00	25.08 0.71 0.00	29.05 0.80 -0.74	29.99 0.90 -0.84	31.46 1.06 -0.96	32.88 1.18 -1.48	34.79 1.29 -2.01	36.42 1.45 -2.76	43.52 2.01 -3.50	53.68 2.33 -4.66	52.35 2.48 -4.83	38.61 1.77 -4.70	34.82 1.49 -3.62	31.68 1.11 -2.78	29.98 1.00 -1.13	28.86 0.82 -0.68
MILLIKEN__DIESEL 23629	20.86 0.65 0.00	19.58 0.59 0.00	18.75 0.51 0.00	18.53 0.47 0.00	18.44 0.48 0.00	18.85 0.62 0.00	22.28 0.73 0.00	24.30 0.80 0.00	25.05 0.78 0.00	25.08 0.71 0.00	29.05 0.80 -0.74	29.99 0.90 -0.84	31.46 1.06 -0.96	32.88 1.18 -1.48	34.79 1.29 -2.01	36.42 1.45 -2.76	43.52 2.01 -3.50	53.68 2.33 -4.66	52.35 2.48 -4.83	38.61 1.77 -4.70	34.82 1.49 -3.62	31.68 1.11 -2.78	29.98 1.00 -1.13	28.86 0.82 -0.68
MILLSEAT__LFGE 323607	20.84 0.63 0.00	19.48 0.49 0.00	18.58 0.35 0.00	18.33 0.27 0.00	18.21 0.25 0.00	18.80 0.57 0.00	21.87 0.32 0.00	23.69 0.19 0.00	24.58 0.31 0.00	24.47 0.10 0.00	27.70 0.19 0.00	28.78 0.54 0.00	30.18 0.74 0.00	31.71 1.27 -0.22	33.62 1.64 -0.49	34.97 1.77 -0.99	41.50 2.62 -0.88	51.22 2.43 -2.11	49.89 2.79 -2.05	36.87 2.03 -2.70	33.11 1.07 -2.32	29.87 0.58 -1.50	28.93 0.64 -0.44	27.90 0.55 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	21.20 0.99 0.00	19.88 0.89 0.00	19.09 0.86 0.00	18.98 0.92 0.00	18.82 0.86 0.00	19.11 0.88 0.00	22.62 1.08 0.00	24.74 1.25 0.00	25.68 1.41 0.00	25.81 1.44 0.00	29.07 1.57 0.00	30.25 2.01 0.00	31.44 2.00 0.00	33.66 1.96 -1.48	36.48 1.80 -3.20	40.72 2.03 -6.49	46.02 2.24 -5.77	63.50 2.94 -13.87	61.00 2.48 -13.47	51.70 1.77 -17.79	46.39 1.40 -15.27	38.86 1.22 -9.85	32.10 1.34 -2.92	28.80 1.42 -0.03

MILLWOOD_13_KV_LOAD 356217	21.22 1.01 0.00	19.90 0.91 0.00	19.11 0.88 0.00	19.00 0.94 0.00	18.84 0.88 0.00	19.11 0.88 0.00	22.65 1.10 0.00	24.77 1.27 0.00	25.70 1.43 0.00	25.86 1.49 0.00	29.13 1.62 0.00	30.36 2.12 0.00	31.53 2.09 0.00	33.75 2.05 -1.48	36.61 1.92 -3.20	40.85 2.16 -6.49	46.17 2.39 -5.77	63.68 3.13 -13.87	61.18 2.66 -13.47	51.86 1.93 -17.79	46.54 1.55 -15.27	38.97 1.33 -9.85	32.19 1.42 -2.92	28.86 1.48 -0.03
MODEL_CITY_ENERGY 24167	20.41 0.20 0.00	19.08 0.10 0.00	18.22 -0.02 0.00	17.97 -0.09 0.00	17.83 -0.12 0.00	18.40 0.16 0.00	21.42 -0.13 0.00	23.12 -0.38 0.00	24.00 -0.27 0.00	23.91 -0.46 0.00	27.04 -0.47 0.00	28.10 -0.14 0.00	29.44 0.00 0.00	30.93 0.48 -0.23	32.78 0.79 -0.50	34.12 0.90 -1.01	40.38 1.48 -0.90	49.95 1.12 -2.15	48.58 1.44 -2.09	35.93 1.03 -2.76	32.32 0.24 -2.37	29.17 -0.14 -1.53	28.24 -0.06 -0.45	27.30 -0.05 0.00
MODERN_LFGE_ 323580	20.41 0.20 0.00	19.08 0.10 0.00	18.22 -0.02 0.00	17.97 -0.09 0.00	17.83 -0.12 0.00	18.40 0.16 0.00	21.42 -0.13 0.00	23.12 -0.38 0.00	24.00 -0.27 0.00	23.91 -0.46 0.00	27.04 -0.47 0.00	28.10 -0.14 0.00	29.44 0.00 0.00	30.93 0.48 -0.23	32.78 0.79 -0.50	34.12 0.90 -1.01	40.38 1.48 -0.90	49.95 1.12 -2.15	48.58 1.44 -2.09	35.93 1.03 -2.76	32.32 0.24 -2.37	29.17 -0.14 -1.53	28.24 -0.06 -0.45	27.30 -0.05 0.00
MOHAWK_PAPER__DRP 24187	21.06 0.85 0.00	19.81 0.82 0.00	19.04 0.80 0.00	18.89 0.83 0.00	18.77 0.81 0.00	19.00 0.77 0.00	22.50 0.95 0.00	24.46 0.96 0.00	25.26 1.00 0.00	25.37 1.00 0.00	28.63 1.13 0.00	29.82 1.58 0.00	31.09 1.65 0.00	35.76 1.75 -3.79	41.08 1.89 -7.70	49.80 1.96 -15.63	54.23 2.32 -13.91	82.08 2.75 -32.64	79.41 2.66 -31.71	75.92 1.93 -41.85	67.41 1.75 -35.93	52.58 1.61 -23.18	36.36 1.64 -6.88	29.03 1.61 -0.07
MOHICAN__35_KV_115KV_LD 80490	21.39 1.17 0.00	20.05 1.06 0.00	19.24 1.00 0.00	19.09 1.03 0.00	18.96 1.01 0.00	19.26 1.02 0.00	22.82 1.27 0.00	24.91 1.41 0.00	25.75 1.48 0.00	25.79 1.41 0.00	29.02 1.51 0.00	30.28 2.03 0.00	31.65 2.21 0.00	37.38 2.45 -4.71	43.92 2.68 -9.76	54.58 2.58 -19.80	58.90 3.27 -17.63	91.92 4.48 -40.75	89.05 4.41 -39.58	87.54 3.15 -52.25	77.46 2.88 -44.86	59.34 2.61 -28.94	38.85 2.42 -8.59	29.73 2.30 -0.08
MONGAUP__HYD 23641	21.12 0.91 0.00	19.80 0.82 0.00	19.02 0.78 0.00	18.85 0.79 0.00	18.75 0.79 0.00	19.04 0.80 0.00	22.52 0.97 0.00	24.63 1.13 0.00	25.41 1.14 0.00	25.59 1.22 0.00	28.83 1.32 0.00	29.94 1.69 0.00	31.15 1.71 0.00	33.29 1.72 -1.35	36.02 1.61 -2.92	40.11 1.96 -5.93	45.30 2.01 -5.28	61.52 2.15 -12.69	59.22 1.85 -12.33	50.28 1.86 -16.27	45.41 1.72 -13.97	38.19 1.39 -9.01	31.99 1.47 -2.67	28.86 1.48 -0.03
MONTAUK__DIESEL 23721	22.76 2.55 0.00	21.27 2.28 0.00	20.30 2.06 0.00	20.10 2.04 0.00	20.01 2.05 0.00	20.46 2.22 0.00	24.20 2.65 0.00	25.80 2.30 0.00	26.84 2.57 0.00	27.13 2.75 0.00	30.62 3.11 0.00	31.41 3.16 0.00	32.32 2.89 0.00	34.64 2.93 -1.49	37.51 2.80 -3.21	42.02 3.29 -6.52	47.87 4.07 -5.80	65.78 5.32 -13.78	55.68 4.73 -5.90	42.73 3.31 -7.28	42.65 2.41 -10.52	35.38 2.08 -5.51	32.76 1.98 -2.94	29.73 2.35 -0.03
MOONROAD_115KV_HARTFLD_TB1-2 355988	21.47 1.25 0.00	20.20 1.22 0.00	19.26 1.02 0.00	18.83 0.78 0.00	18.80 0.84 0.00	19.53 1.29 0.00	22.93 1.38 0.00	25.05 1.55 0.00	26.14 1.87 0.00	25.96 1.58 0.00	29.21 1.71 0.00	30.11 1.86 0.00	31.91 2.47 0.00	33.54 3.05 -0.27	35.46 3.37 -0.60	36.94 3.51 -1.22	43.69 4.60 -1.08	53.88 4.62 -2.58	52.19 4.64 -2.50	38.79 3.34 -3.30	35.02 2.47 -2.84	31.50 1.89 -1.83	29.97 1.59 -0.54	28.75 1.40 -0.01
MORTIMER_115KV_TB3 55949	20.72 0.51 0.00	19.35 0.36 0.00	18.51 0.27 0.00	18.20 0.14 0.00	18.17 0.22 0.00	18.67 0.44 0.00	21.78 0.24 0.00	23.76 0.26 0.00	24.56 0.29 0.00	24.59 0.22 0.00	27.92 0.41 0.00	28.75 0.51 0.00	30.21 0.77 0.00	31.45 1.06 -0.17	33.32 1.45 -0.38	34.52 1.55 -0.77	40.89 2.20 -0.68	50.61 2.29 -1.64	49.12 2.48 -1.60	35.92 1.67 -2.11	32.66 1.13 -1.81	29.68 0.72 -1.17	28.77 0.58 -0.35	27.93 0.57 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	21.28 1.07 0.00	19.98 0.99 0.00	19.17 0.93 0.00	19.09 1.03 0.00	18.93 0.97 0.00	19.18 0.95 0.00	22.71 1.16 0.00	24.86 1.36 0.00	25.82 1.55 0.00	26.00 1.63 0.00	29.27 1.76 0.00	30.45 2.20 0.00	31.65 2.21 0.00	33.85 2.15 -1.49	36.63 1.92 -3.21	40.89 2.16 -6.52	46.13 2.32 -5.81	63.86 3.22 -13.95	61.26 2.66 -13.55	51.90 1.86 -17.89	46.54 1.46 -15.36	38.97 1.28 -9.91	32.29 1.50 -2.94	28.97 1.59 -0.03
MUNSVILLE_WIND_PWR 323609	22.05 1.84 0.00	20.68 1.69 0.00	19.75 1.51 0.00	19.52 1.46 0.00	19.41 1.45 0.00	19.93 1.70 0.00	23.75 2.20 0.00	26.86 3.36 0.00	27.52 3.25 0.00	27.74 3.36 0.00	31.58 3.57 -0.50	32.84 4.04 -0.56	34.05 3.97 -0.64	35.90 4.32 -1.36	36.62 3.12 -2.01	38.89 3.48 -3.20	46.26 4.71 -3.54	58.49 5.79 -6.02	56.99 5.90 -6.05	43.54 4.53 -6.87	39.32 3.98 -5.62	34.96 3.25 -3.92	32.28 3.06 -1.37	30.44 2.63 -0.46
N SALMON__HYD 24042	20.25 0.04 0.00	19.01 0.02 0.00	18.24 0.00 0.00	18.06 0.00 0.00	17.98 0.02 0.00	18.22 -0.02 0.00	21.66 0.11 0.00	23.69 0.19 0.00	24.61 0.34 0.00	24.79 0.41 0.00	28.06 0.55 0.00	28.50 0.25 0.00	29.68 0.23 0.00	30.19 -0.03 0.00	31.40 -0.09 0.00	32.02 -0.19 0.00	37.89 -0.11 0.00	46.92 0.23 0.00	45.27 0.23 0.00	32.21 0.06 0.00	29.84 0.12 0.00	28.12 0.33 0.00	28.04 0.20 0.00	27.66 0.30 0.00
N.AKRON__115KV_KNAPP 355671	20.82 0.61 0.00	19.48 0.49 0.00	18.58 0.35 0.00	18.20 0.14 0.00	18.21 0.25 0.00	18.80 0.57 0.00	21.81 0.26 0.00	23.69 0.19 0.00	24.56 0.29 0.00	24.47 0.10 0.00	27.70 0.19 0.00	28.61 0.37 0.00	30.27 0.82 0.00	31.68 1.24 -0.22	33.62 1.64 -0.49	34.97 1.77 -0.99	41.47 2.58 -0.88	51.40 2.61 -2.10	49.97 2.88 -2.04	36.83 1.99 -2.70	33.20 1.16 -2.31	29.92 0.64 -1.49	28.76 0.47 -0.44	27.96 0.60 0.00
N.BELMOR_69_KV_BK1 55787	21.65 1.44 0.00	20.24 1.25 0.00	19.37 1.13 0.00	19.23 1.17 0.00	19.13 1.17 0.00	19.46 1.22 0.00	23.08 1.53 0.00	24.96 1.46 0.00	25.97 1.70 0.00	26.15 1.78 0.00	29.49 1.98 0.00	30.39 2.15 0.00	31.29 1.85 0.01	33.54 1.84 -1.48	36.34 1.64 -3.21	40.53 1.80 -6.52	45.78 1.98 -5.80	62.39 2.71 -13.00	55.81 2.21 -8.56	44.65 1.54 -10.97	43.08 1.16 -12.20	35.87 1.06 -7.03	31.92 1.14 -2.94	28.83 1.45 -0.03
N.E_GEN_SANDY PD 24062	21.08 0.87 0.00	19.82 0.83 0.00	19.88 0.82 -0.82	20.00 0.83 -1.11	21.10 0.83 -2.31	23.52 0.80 -4.48	26.44 0.95 -3.95	28.58 1.01 -4.07	25.29 1.02 0.00	25.47 1.10 0.00	28.77 1.27 0.00	29.85 1.61 0.00	31.03 1.59 0.00	35.07 1.63 -3.22	37.57 1.54 -4.54	43.12 1.71 -9.20	49.70 1.86 -9.84	68.44 2.24 -19.51	66.03 2.03 -18.95	58.57 1.41 -25.02	52.48 1.28 -21.48	44.08 1.14 -15.15	36.86 1.31 -7.71	32.84 1.39 -4.09

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	21.16 0.95 0.00	19.84 0.85 0.00	19.06 0.82 0.00	18.93 0.87 0.00	18.78 0.83 0.00	19.07 0.84 0.00	22.58 1.03 0.00	24.70 1.20 0.00	25.58 1.31 0.00	25.71 1.34 0.00	28.96 1.46 0.00	30.13 1.89 0.00	31.35 1.91 0.00	33.53 1.87 -1.43	36.29 1.70 -3.10	40.45 1.96 -6.28	45.72 2.13 -5.59	62.97 2.85 -13.44	60.44 2.34 -13.05	51.07 1.70 -17.23	45.85 1.34 -14.79	38.47 1.14 -9.54	31.93 1.25 -2.83	28.72 1.34 -0.03
N.QUEENS_27_KV_LOAD 356247	21.43 1.21 0.00	20.07 1.08 0.00	19.26 1.02 0.00	19.20 1.14 -0.01	19.06 1.10 -0.01	19.22 0.98 0.00	22.49 0.95 0.01	24.67 1.17 0.00	25.75 1.48 0.00	25.93 1.56 0.00	29.18 1.68 0.00	30.39 2.15 0.00	31.53 2.09 0.00	33.73 2.02 -1.49	36.47 1.76 -3.21	40.70 1.96 -6.52	45.83 2.01 -5.81	63.58 2.94 -13.95	60.90 2.30 -13.55	51.61 1.57 -17.89	46.27 1.19 -15.36	38.72 1.03 -9.91	32.45 1.67 -2.94	29.17 1.78 -0.04
N.TROY___115KV_TB1 355778	21.06 0.85 0.00	19.81 0.82 0.00	19.04 0.80 0.00	18.89 0.83 0.00	18.77 0.81 0.00	19.00 0.77 0.00	22.47 0.93 0.00	24.46 0.96 0.00	25.26 1.00 0.00	25.37 1.00 0.00	28.63 1.13 0.00	29.77 1.53 0.00	31.00 1.56 0.00	36.03 1.63 -4.18	41.84 1.73 -8.61	51.46 1.77 -17.48	55.61 2.05 -15.56	85.57 2.47 -36.41	82.76 2.34 -35.37	80.50 1.67 -46.69	71.35 1.55 -40.08	55.09 1.44 -25.86	36.99 1.48 -7.67	28.93 1.50 -0.07
NARROWS_GT1_1 24228	21.47 1.25 -0.01	20.13 1.14 0.00	19.29 1.06 0.00	19.17 1.10 -0.01	19.12 1.15 -0.01	19.27 1.04 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.77 1.51 0.00	26.08 1.71 0.00	29.38 1.87 0.00	30.53 2.29 0.00	31.59 2.15 0.00	33.76 2.06 -1.49	36.47 1.76 -3.21	40.86 2.13 -6.52	45.98 2.17 -5.81	63.86 3.22 -13.96	61.26 2.66 -13.56	51.77 1.73 -17.89	46.48 1.40 -15.36	38.95 1.25 -9.91	32.57 1.78 -2.94	29.28 1.89 -0.04
NARROWS_GT1_2 24229	21.47 1.25 -0.01	20.13 1.14 0.00	19.29 1.06 0.00	19.17 1.10 -0.01	19.12 1.15 -0.01	19.27 1.04 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.77 1.51 0.00	26.08 1.71 0.00	29.38 1.87 0.00	30.53 2.29 0.00	31.59 2.15 0.00	33.76 2.06 -1.49	36.47 1.76 -3.21	40.86 2.13 -6.52	45.98 2.17 -5.81	63.86 3.22 -13.96	61.26 2.66 -13.56	51.77 1.73 -17.89	46.48 1.40 -15.36	38.95 1.25 -9.91	32.57 1.78 -2.94	29.28 1.89 -0.04
NARROWS_GT1_3 24230	21.47 1.25 -0.01	20.13 1.14 0.00	19.29 1.06 0.00	19.17 1.10 -0.01	19.12 1.15 -0.01	19.27 1.04 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.77 1.51 0.00	26.08 1.71 0.00	29.38 1.87 0.00	30.53 2.29 0.00	31.59 2.15 0.00	33.76 2.06 -1.49	36.47 1.76 -3.21	40.86 2.13 -6.52	45.98 2.17 -5.81	63.86 3.22 -13.96	61.26 2.66 -13.56	51.77 1.73 -17.89	46.48 1.40 -15.36	38.95 1.25 -9.91	32.57 1.78 -2.94	29.28 1.89 -0.04
NARROWS_GT1_4 24231	21.47 1.25 -0.01	20.13 1.14 0.00	19.29 1.06 0.00	19.17 1.10 -0.01	19.12 1.15 -0.01	19.27 1.04 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.77 1.51 0.00	26.08 1.71 0.00	29.38 1.87 0.00	30.53 2.29 0.00	31.59 2.15 0.00	33.76 2.06 -1.49	36.47 1.76 -3.21	40.86 2.13 -6.52	45.98 2.17 -5.81	63.86 3.22 -13.96	61.26 2.66 -13.56	51.77 1.73 -17.89	46.48 1.40 -15.36	38.95 1.25 -9.91	32.57 1.78 -2.94	29.28 1.89 -0.04
NARROWS_GT1_5 24232	21.47 1.25 -0.01	20.13 1.14 0.00	19.29 1.06 0.00	19.17 1.10 -0.01	19.12 1.15 -0.01	19.27 1.04 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.77 1.51 0.00	26.08 1.71 0.00	29.38 1.87 0.00	30.53 2.29 0.00	31.59 2.15 0.00	33.76 2.06 -1.49	36.47 1.76 -3.21	40.86 2.13 -6.52	45.98 2.17 -5.81	63.86 3.22 -13.96	61.26 2.66 -13.56	51.77 1.73 -17.89	46.48 1.40 -15.36	38.95 1.25 -9.91	32.57 1.78 -2.94	29.28 1.89 -0.04
NARROWS_GT1_6 24233	21.47 1.25 -0.01	20.13 1.14 0.00	19.29 1.06 0.00	19.17 1.10 -0.01	19.12 1.15 -0.01	19.27 1.04 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.77 1.51 0.00	26.08 1.71 0.00	29.38 1.87 0.00	30.53 2.29 0.00	31.59 2.15 0.00	33.76 2.06 -1.49	36.47 1.76 -3.21	40.86 2.13 -6.52	45.98 2.17 -5.81	63.86 3.22 -13.96	61.26 2.66 -13.56	51.77 1.73 -17.89	46.48 1.40 -15.36	38.95 1.25 -9.91	32.57 1.78 -2.94	29.28 1.89 -0.04
NARROWS_GT1_7 24234	21.47 1.25 -0.01	20.13 1.14 0.00	19.29 1.06 0.00	19.17 1.10 -0.01	19.12 1.15 -0.01	19.27 1.04 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.77 1.51 0.00	26.08 1.71 0.00	29.38 1.87 0.00	30.53 2.29 0.00	31.59 2.15 0.00	33.76 2.06 -1.49	36.47 1.76 -3.21	40.86 2.13 -6.52	45.98 2.17 -5.81	63.86 3.22 -13.96	61.26 2.66 -13.56	51.77 1.73 -17.89	46.48 1.40 -15.36	38.95 1.25 -9.91	32.57 1.78 -2.94	29.28 1.89 -0.04
NARROWS_GT1_8 24235	21.47 1.25 -0.01	20.13 1.14 0.00	19.29 1.06 0.00	19.17 1.10 -0.01	19.12 1.15 -0.01	19.27 1.04 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.77 1.51 0.00	26.08 1.71 0.00	29.38 1.87 0.00	30.53 2.29 0.00	31.59 2.15 0.00	33.76 2.06 -1.49	36.47 1.76 -3.21	40.86 2.13 -6.52	45.98 2.17 -5.81	63.86 3.22 -13.96	61.26 2.66 -13.56	51.77 1.73 -17.89	46.48 1.40 -15.36	38.95 1.25 -9.91	32.57 1.78 -2.94	29.28 1.89 -0.04
NARROWS_GT2_1 24236	21.47 1.25 -0.01	20.13 1.14 0.00	19.29 1.06 0.00	19.17 1.10 -0.01	19.12 1.15 -0.01	19.27 1.04 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.77 1.51 0.00	26.08 1.71 0.00	29.38 1.87 0.00	30.53 2.29 0.00	31.59 2.15 0.00	33.76 2.06 -1.49	36.47 1.76 -3.21	40.86 2.13 -6.52	45.98 2.17 -5.81	63.86 3.22 -13.96	61.26 2.66 -13.56	51.77 1.73 -17.89	46.48 1.40 -15.36	38.95 1.25 -9.91	32.57 1.78 -2.94	29.28 1.89 -0.04
NARROWS_GT2_2 24237	21.47 1.25 -0.01	20.13 1.14 0.00	19.29 1.06 0.00	19.17 1.10 -0.01	19.12 1.15 -0.01	19.27 1.04 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.77 1.51 0.00	26.08 1.71 0.00	29.38 1.87 0.00	30.53 2.29 0.00	31.59 2.15 0.00	33.76 2.06 -1.49	36.47 1.76 -3.21	40.86 2.13 -6.52	45.98 2.17 -5.81	63.86 3.22 -13.96	61.26 2.66 -13.56	51.77 1.73 -17.89	46.48 1.40 -15.36	38.95 1.25 -9.91	32.57 1.78 -2.94	29.28 1.89 -0.04
NARROWS_GT2_3 24238	21.47 1.25 -0.01	20.13 1.14 0.00	19.29 1.06 0.00	19.17 1.10 -0.01	19.12 1.15 -0.01	19.27 1.04 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.77 1.51 0.00	26.08 1.71 0.00	29.38 1.87 0.00	30.53 2.29 0.00	31.59 2.15 0.00	33.76 2.06 -1.49	36.47 1.76 -3.21	40.86 2.13 -6.52	45.98 2.17 -5.81	63.86 3.22 -13.96	61.26 2.66 -13.56	51.77 1.73 -17.89	46.48 1.40 -15.36	38.95 1.25 -9.91	32.57 1.78 -2.94	29.28 1.89 -0.04
NARROWS_GT2_4 24239	21.47 1.25 -0.01	20.13 1.14 0.00	19.29 1.06 0.00	19.17 1.10 -0.01	19.12 1.15 -0.01	19.27 1.04 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.77 1.51 0.00	26.08 1.71 0.00	29.38 1.87 0.00	30.53 2.29 0.00	31.59 2.15 0.00	33.76 2.06 -1.49	36.47 1.76 -3.21	40.86 2.13 -6.52	45.98 2.17 -5.81	63.86 3.22 -13.96	61.26 2.66 -13.56	51.77 1.73 -17.89	46.48 1.40 -15.36	38.95 1.25 -9.91	32.57 1.78 -2.94	29.28 1.89 -0.04

NARROWS_GT2_5 24240	21.47 1.25 -0.01	20.13 1.14 0.00	19.29 1.06 0.00	19.17 1.10 -0.01	19.12 1.15 -0.01	19.27 1.04 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.77 1.51 0.00	26.08 1.71 0.00	29.38 1.87 0.00	30.53 2.29 0.00	31.59 2.15 0.00	33.76 2.06 -1.49	36.47 1.76 -3.21	40.86 2.13 -6.52	45.98 2.17 -5.81	63.86 3.22 -13.96	61.26 2.66 -13.56	51.77 1.73 -17.89	46.48 1.40 -15.36	38.95 1.25 -9.91	32.57 1.78 -2.94	29.28 1.89 -0.04
NARROWS_GT2_6 24241	21.47 1.25 -0.01	20.13 1.14 0.00	19.29 1.06 0.00	19.17 1.10 -0.01	19.12 1.15 -0.01	19.27 1.04 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.77 1.51 0.00	26.08 1.71 0.00	29.38 1.87 0.00	30.53 2.29 0.00	31.59 2.15 0.00	33.76 2.06 -1.49	36.47 1.76 -3.21	40.86 2.13 -6.52	45.98 2.17 -5.81	63.86 3.22 -13.96	61.26 2.66 -13.56	51.77 1.73 -17.89	46.48 1.40 -15.36	38.95 1.25 -9.91	32.57 1.78 -2.94	29.28 1.89 -0.04
NARROWS_GT2_7 24242	21.47 1.25 -0.01	20.13 1.14 0.00	19.29 1.06 0.00	19.17 1.10 -0.01	19.12 1.15 -0.01	19.27 1.04 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.77 1.51 0.00	26.08 1.71 0.00	29.38 1.87 0.00	30.53 2.29 0.00	31.59 2.15 0.00	33.76 2.06 -1.49	36.47 1.76 -3.21	40.86 2.13 -6.52	45.98 2.17 -5.81	63.86 3.22 -13.96	61.26 2.66 -13.56	51.77 1.73 -17.89	46.48 1.40 -15.36	38.95 1.25 -9.91	32.57 1.78 -2.94	29.28 1.89 -0.04
NARROWS_GT2_8 24243	21.47 1.25 -0.01	20.13 1.14 0.00	19.29 1.06 0.00	19.17 1.10 -0.01	19.12 1.15 -0.01	19.27 1.04 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.77 1.51 0.00	26.08 1.71 0.00	29.38 1.87 0.00	30.53 2.29 0.00	31.59 2.15 0.00	33.76 2.06 -1.49	36.47 1.76 -3.21	40.86 2.13 -6.52	45.98 2.17 -5.81	63.86 3.22 -13.96	61.26 2.66 -13.56	51.77 1.73 -17.89	46.48 1.40 -15.36	38.95 1.25 -9.91	32.57 1.78 -2.94	29.28 1.89 -0.04
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	21.04 0.83 0.00	19.81 0.82 0.00	19.06 0.82 0.00	18.89 0.83 0.00	18.78 0.83 0.00	19.02 0.78 0.00	22.47 0.93 0.00	24.44 0.94 0.00	25.21 0.95 0.00	25.30 0.93 0.00	28.55 1.05 0.00	29.60 1.36 0.00	30.91 1.47 0.00	34.59 1.66 -2.71	38.61 1.83 -5.29	44.75 1.80 -10.74	49.73 2.17 -9.56	72.54 2.75 -23.10	70.24 2.75 -22.44	63.82 2.06 -29.62	57.03 1.87 -25.43	45.83 1.64 -16.41	34.27 1.56 -4.87	29.04 1.64 -0.05
NCHELSEA_115KV_TR2 355582	21.28 1.07 0.00	19.94 0.95 0.00	19.15 0.91 0.00	19.03 0.98 0.00	18.89 0.93 0.00	19.16 0.93 0.00	22.69 1.14 0.00	24.81 1.32 0.00	25.77 1.50 0.00	25.91 1.54 0.00	29.18 1.68 0.00	30.45 2.20 0.00	31.65 2.21 0.00	33.94 2.21 -1.51	36.86 2.11 -3.26	41.23 2.42 -6.61	46.66 2.77 -5.89	64.47 3.64 -14.14	61.98 3.20 -13.74	52.62 2.35 -18.13	47.19 1.90 -15.57	39.44 1.61 -10.04	32.49 1.67 -2.98	29.11 1.72 -0.03
NEG CAPITAL___MECHNVIL 23645	21.34 1.13 0.00	20.03 1.04 0.00	19.24 1.00 0.00	19.07 1.01 0.00	18.96 1.01 0.00	19.24 1.00 0.00	22.75 1.21 0.00	24.81 1.32 0.00	25.58 1.31 0.00	25.71 1.34 0.00	28.99 1.48 0.00	30.16 1.92 0.00	31.47 2.03 0.00	37.00 2.24 -4.55	43.33 2.43 -9.41	53.79 2.48 -19.11	58.05 3.04 -17.01	89.91 3.74 -39.49	87.05 3.65 -38.36	85.38 2.60 -50.63	75.57 2.38 -43.47	58.00 2.17 -28.04	38.28 2.12 -8.32	29.49 2.05 -0.08
NEG CENTRAL_HIGH_ACRES 23767	20.36 0.14 0.00	19.03 0.04 0.00	18.18 -0.05 0.00	17.97 -0.09 0.00	17.89 -0.07 0.00	18.36 0.13 0.00	21.57 0.02 0.00	23.50 0.00 0.00	24.34 0.07 0.00	24.35 -0.02 0.00	27.89 0.11 -0.27	28.89 0.34 -0.31	30.15 0.35 -0.35	31.45 0.64 -0.60	33.29 0.94 -0.86	34.53 1.06 -1.26	41.07 1.56 -1.51	50.32 1.40 -2.24	49.00 1.67 -2.29	35.70 1.16 -2.40	32.32 0.68 -1.91	29.49 0.31 -1.40	28.65 0.28 -0.53	27.71 0.11 -0.25
NEG CENTRAL___DRP 24199	20.66 0.44 0.00	19.37 0.38 0.00	18.55 0.31 0.00	18.29 0.23 0.00	18.23 0.27 0.00	18.67 0.44 0.00	22.00 0.45 0.00	23.99 0.49 0.00	24.75 0.49 0.00	24.79 0.41 0.00	28.72 0.50 -0.71	29.73 0.68 -0.81	31.18 0.82 -0.92	32.49 0.97 -1.31	34.35 1.17 -1.69	35.67 1.29 -2.17	42.80 1.86 -2.93	52.11 1.96 -3.47	50.77 2.07 -3.65	36.81 1.45 -3.22	33.21 1.13 -2.36	30.52 0.78 -1.95	29.33 0.61 -0.87	28.47 0.47 -0.65
NEG CENTRAL___INDECK 23768	21.49 1.27 0.00	20.07 1.08 0.00	19.17 0.93 0.00	18.91 0.85 0.00	18.80 0.84 0.00	19.38 1.15 0.00	22.65 1.10 0.00	24.49 0.99 0.00	25.21 0.95 0.00	25.08 0.71 0.00	28.44 0.94 0.00	29.51 1.27 0.00	29.97 0.53 0.00	31.35 0.88 -0.26	33.32 1.26 -0.56	35.19 1.83 -1.15	41.49 2.47 -1.02	51.51 2.38 -2.45	50.04 2.61 -2.38	37.37 2.09 -3.14	33.93 1.51 -2.69	30.61 1.08 -1.74	29.42 1.06 -0.52	28.21 0.85 0.00
NEG CENTRAL___SENECA 23627	20.80 0.59 0.00	19.48 0.49 0.00	18.64 0.40 0.00	18.37 0.31 0.00	18.30 0.34 0.00	18.80 0.57 0.00	22.13 0.58 0.00	24.13 0.63 0.00	24.92 0.66 0.00	24.93 0.56 0.00	28.56 0.69 -0.37	29.56 0.90 -0.42	31.00 1.09 -0.47	32.27 1.27 -0.79	34.09 1.48 -1.12	35.45 1.61 -1.63	42.32 2.36 -1.96	52.03 2.47 -2.87	50.64 2.66 -2.93	37.02 1.83 -3.05	33.56 1.43 -2.41	30.56 1.00 -1.77	29.33 0.81 -0.68	28.32 0.63 -0.34
NEG CENTRAL___STATE_STREET 24147	20.74 0.53 0.00	19.46 0.47 0.00	18.66 0.42 0.00	18.44 0.38 0.00	18.34 0.38 0.00	18.76 0.53 0.00	22.17 0.62 0.00	24.16 0.66 0.00	24.90 0.63 0.00	24.98 0.61 0.00	29.27 0.74 -1.02	30.15 0.76 -1.15	31.66 0.91 -1.31	33.11 1.12 -1.78	35.01 1.29 -2.22	36.41 1.48 -2.72	43.86 2.01 -3.85	53.02 2.19 -4.14	51.78 2.30 -4.43	37.28 1.57 -3.56	33.52 1.31 -2.49	30.97 0.97 -2.22	29.78 0.86 -1.08	28.88 0.60 -0.92
NEG MILLWOOD___DRP 24198	21.30 1.09 0.00	19.96 0.97 0.00	19.17 0.93 0.00	19.05 0.99 0.00	18.89 0.93 0.00	19.15 0.91 0.00	22.71 1.16 0.00	24.81 1.32 0.00	25.80 1.53 0.00	25.93 1.56 0.00	29.24 1.73 0.00	30.56 2.32 0.00	31.80 2.36 0.00	34.06 2.33 -1.52	37.00 2.24 -3.27	41.39 2.54 -6.64	46.80 2.89 -5.91	64.67 3.78 -14.20	62.18 3.33 -13.79	52.83 2.47 -18.21	47.37 2.02 -15.63	39.59 1.72 -10.08	32.51 1.67 -2.99	29.11 1.72 -0.03
NEG NORTH_FLCN_SEA 23793	20.48 0.26 0.00	19.22 0.23 0.00	18.42 0.18 0.00	18.24 0.18 0.00	18.16 0.20 0.00	18.38 0.15 0.00	21.85 0.30 0.00	23.90 0.40 0.00	24.85 0.58 0.00	25.03 0.66 0.00	28.30 0.80 0.00	28.72 0.48 0.00	29.94 0.50 0.00	30.70 0.48 0.00	31.90 0.41 0.00	32.53 0.32 0.00	38.54 0.53 0.00	47.66 0.98 0.00	45.99 0.95 0.00	32.82 0.67 0.00	30.35 0.62 0.00	28.45 0.67 0.00	28.34 0.50 0.00	27.87 0.52 0.00
NEG NORTH_KES_CHATEGAY 23792	20.23 0.02 0.00	18.99 0.00 0.00	18.20 -0.04 0.00	18.04 -0.02 0.00	17.94 -0.02 0.00	18.18 -0.05 0.00	21.59 0.04 0.00	23.62 0.12 0.00	24.54 0.27 0.00	24.71 0.34 0.00	27.92 0.41 0.00	28.36 0.11 0.00	29.53 0.09 0.00	30.22 0.00 0.00	31.40 -0.09 0.00	32.01 -0.19 0.00	37.93 -0.08 0.00	46.92 0.23 0.00	45.32 0.27 0.00	32.34 0.19 0.00	29.93 0.21 0.00	28.12 0.33 0.00	28.01 0.17 0.00	27.57 0.22 0.00

NEG NORTH___ALICE_FALLS 23915	20.41 0.20 0.00	19.18 0.19 0.00	18.38 0.15 0.00	18.20 0.14 0.00	18.12 0.16 0.00	18.34 0.11 0.00	21.81 0.26 0.00	23.85 0.35 0.00	24.80 0.53 0.00	25.01 0.63 0.00	28.25 0.74 0.00	28.72 0.48 0.00	29.94 0.50 0.00	30.64 0.42 0.00	31.84 0.35 0.00	32.50 0.29 0.00	38.54 0.53 0.00	47.66 0.98 0.00	45.99 0.95 0.00	32.82 0.67 0.00	30.32 0.59 0.00	28.43 0.64 0.00	28.32 0.47 0.00	27.85 0.49 0.00
NEG NORTH___LWR_SARANAC 23913	20.41 0.20 0.00	19.18 0.19 0.00	18.38 0.15 0.00	18.20 0.14 0.00	18.12 0.16 0.00	18.34 0.11 0.00	21.81 0.26 0.00	23.85 0.35 0.00	24.80 0.53 0.00	25.01 0.63 0.00	28.25 0.74 0.00	28.72 0.48 0.00	29.94 0.50 0.00	30.64 0.42 0.00	31.84 0.35 0.00	32.50 0.29 0.00	38.54 0.53 0.00	47.66 0.98 0.00	45.99 0.95 0.00	32.82 0.67 0.00	30.32 0.59 0.00	28.43 0.64 0.00	28.32 0.47 0.00	27.85 0.49 0.00
NEG NORTH___PLATTSBURG 23628	20.41 0.20 0.00	19.18 0.19 0.00	18.38 0.15 0.00	18.20 0.14 0.00	18.12 0.16 0.00	18.34 0.11 0.00	21.81 0.26 0.00	23.85 0.35 0.00	24.80 0.53 0.00	25.00 0.63 0.00	28.25 0.74 0.00	28.72 0.48 0.00	30.00 0.56 0.00	30.61 0.39 0.00	31.84 0.35 0.00	32.50 0.29 0.00	38.54 0.53 0.00	47.67 0.98 0.00	46.00 0.95 0.00	32.82 0.68 0.00	30.28 0.56 0.00	28.45 0.67 0.00	28.26 0.42 0.00	27.85 0.49 0.00
NEG WEST_LEA_LOCKPORT 23791	20.62 0.40 0.00	19.31 0.32 0.00	18.42 0.18 0.00	18.06 0.00 0.00	18.03 0.07 0.00	18.60 0.36 0.00	21.59 0.04 0.00	23.40 -0.09 0.00	24.29 0.02 0.00	24.23 -0.15 0.00	27.40 -0.11 0.00	28.27 0.03 0.00	29.91 0.47 0.00	31.32 0.88 -0.22	33.24 1.26 -0.49	34.59 1.38 -1.00	40.98 2.09 -0.89	50.77 1.96 -2.12	49.32 2.21 -2.06	36.38 1.51 -2.72	32.80 0.74 -2.34	29.57 0.28 -1.51	28.43 0.14 -0.45	27.66 0.30 0.00
NEG WEST___LANCASTR 23811	20.78 0.57 0.00	19.52 0.53 0.00	18.62 0.38 0.00	18.22 0.16 0.00	18.17 0.22 0.00	18.80 0.57 0.00	21.96 0.41 0.00	23.73 0.23 0.00	24.66 0.39 0.00	24.52 0.15 0.00	27.29 -0.22 0.00	28.19 -0.06 0.00	29.82 0.38 0.00	31.39 0.91 -0.27	33.21 1.13 -0.59	34.69 1.29 -1.19	41.00 1.94 -1.06	50.80 1.59 -2.53	49.26 1.76 -2.45	36.47 1.09 -3.24	32.95 0.45 -2.78	29.64 0.06 -1.79	28.18 -0.19 -0.53	27.17 -0.19 -0.01
NEG_PENN_ALLEGHNY 23528	20.80 0.59 0.00	19.52 0.53 0.00	18.71 0.47 0.00	18.49 0.43 0.00	18.35 0.39 0.00	18.76 0.53 0.00	22.15 0.60 0.00	24.11 0.61 0.00	24.88 0.61 0.00	24.91 0.54 0.00	28.53 0.58 -0.45	29.51 0.76 -0.51	30.81 0.80 -0.58	32.46 1.03 -1.21	34.65 1.23 -1.93	36.70 1.35 -3.14	43.17 1.75 -3.42	54.46 1.82 -5.95	52.86 1.85 -5.96	40.36 1.35 -6.86	36.40 1.04 -5.64	32.45 0.75 -3.91	29.94 0.75 -1.34	28.37 0.60 -0.41
NEG___GEN_MONROE 24207	20.88 0.67 0.00	19.56 0.57 0.00	18.67 0.44 0.00	18.35 0.29 0.00	18.32 0.36 0.00	18.82 0.58 0.00	21.98 0.43 0.00	23.94 0.45 0.00	24.73 0.46 0.00	24.74 0.37 0.00	28.08 0.58 0.00	29.06 0.82 0.00	30.53 1.09 0.00	31.63 1.24 -0.17	33.51 1.64 -0.38	34.68 1.71 -0.77	41.04 2.36 -0.68	50.80 2.47 -1.64	49.48 2.84 -1.60	36.11 1.86 -2.11	32.81 1.28 -1.81	29.87 0.92 -1.17	28.89 0.70 -0.35	28.12 0.77 0.00
NEPA___ENERGY 23901	21.14 0.93 0.00	19.84 0.85 0.00	18.93 0.69 0.00	18.53 0.47 0.00	18.46 0.50 0.00	19.13 0.89 0.00	22.41 0.86 0.00	24.41 0.92 0.00	25.36 1.09 0.00	25.18 0.80 0.00	28.28 0.77 0.00	29.12 0.88 0.00	30.80 1.35 0.00	32.40 1.90 -0.28	34.30 2.20 -0.60	35.78 2.35 -1.22	42.25 3.15 -1.09	52.35 3.08 -2.59	50.62 3.06 -2.51	37.58 2.12 -3.31	33.96 1.40 -2.85	30.59 0.97 -1.84	29.11 0.72 -0.54	28.04 0.68 -0.01
NEVERSINK___HYD 23608	21.49 1.27 0.00	20.07 1.08 0.00	19.29 1.06 0.00	19.14 1.08 0.00	19.04 1.08 0.00	19.31 1.08 0.00	22.91 1.36 0.00	25.10 1.60 0.00	25.99 1.72 0.00	26.18 1.80 0.00	29.49 1.98 0.00	30.84 2.60 0.00	31.91 2.47 0.00	34.37 2.45 -1.71	37.49 2.43 -3.57	42.49 3.03 -7.25	47.88 3.42 -6.46	67.17 4.95 -15.54	64.61 4.46 -15.10	55.35 3.28 -19.93	49.56 2.73 -17.11	40.93 2.11 -11.04	33.26 2.14 -3.28	29.57 2.19 -0.03
NEWKRMKL_115KV_TB1 55635	20.66 0.44 0.00	19.48 0.49 0.00	18.73 0.49 0.00	18.58 0.52 0.00	18.46 0.50 0.00	18.69 0.46 0.00	22.09 0.54 0.00	23.99 0.49 0.00	24.78 0.51 0.00	24.88 0.51 0.00	28.11 0.61 0.00	29.23 0.99 0.00	30.44 1.00 0.00	34.86 1.09 -3.55	39.70 1.13 -7.08	47.76 1.19 -14.36	52.08 1.29 -12.78	78.52 1.54 -30.29	75.92 1.44 -29.43	72.01 1.03 -38.84	63.99 0.92 -33.35	50.16 0.86 -21.51	35.15 0.92 -6.38	28.35 0.93 -0.06
NEWTON___FALLS_HYD 23847	20.31 0.10 0.00	19.06 0.08 0.00	18.27 0.04 0.00	18.09 0.04 0.00	18.01 0.05 0.00	18.31 0.07 0.00	21.78 0.24 0.00	23.73 0.23 0.00	24.49 0.22 0.00	24.62 0.24 0.00	28.13 0.22 -0.40	28.81 0.11 -0.45	29.96 0.00 -0.52	30.42 -0.42 -0.63	31.87 -0.35 -0.72	32.58 -0.39 -0.75	38.93 -0.30 -1.23	47.64 0.00 -0.95	46.36 0.23 -1.09	32.58 -0.10 -0.53	30.13 0.18 -0.23	28.48 0.31 -0.39	28.57 0.45 -0.28	28.13 0.41 -0.36
NGRID_A1_DSASP 323792	20.36 0.14 0.00	19.05 0.06 0.00	18.16 -0.07 0.00	17.91 -0.15 0.00	17.78 -0.18 0.00	18.34 0.11 0.00	21.33 -0.22 0.00	23.03 -0.47 0.00	23.91 -0.36 0.00	23.81 -0.56 0.00	26.96 -0.55 0.00	27.93 -0.31 0.00	29.29 -0.15 0.00	30.72 0.27 -0.23	32.62 0.63 -0.50	33.96 0.74 -1.01	40.12 1.22 -0.90	49.72 0.88 -2.15	48.30 1.17 -2.09	35.76 0.87 -2.75	32.21 0.12 -2.36	29.09 -0.22 -1.53	28.16 -0.14 -0.45	27.25 -0.11 0.00
NGRID_A2_DSASP 323793	20.36 0.14 0.00	19.05 0.06 0.00	18.16 -0.07 0.00	17.91 -0.15 0.00	17.78 -0.18 0.00	18.34 0.11 0.00	21.33 -0.22 0.00	23.03 -0.47 0.00	23.91 -0.36 0.00	23.81 -0.56 0.00	26.96 -0.55 0.00	27.93 -0.31 0.00	29.29 -0.15 0.00	30.72 0.27 -0.23	32.62 0.63 -0.50	33.96 0.74 -1.01	40.12 1.22 -0.90	49.72 0.88 -2.15	48.30 1.17 -2.09	35.76 0.87 -2.75	32.21 0.12 -2.36	29.09 -0.22 -1.53	28.16 -0.14 -0.45	27.25 -0.11 0.00
NGRID_A4_DSASP 323807	20.35 0.14 0.00	19.03 0.04 0.00	18.16 -0.07 0.00	17.81 -0.25 0.00	17.78 -0.18 0.00	18.34 0.11 0.00	21.25 -0.30 0.00	23.03 -0.47 0.00	23.88 -0.39 0.00	23.84 -0.54 0.00	26.96 -0.55 0.00	27.73 -0.51 0.00	29.32 -0.12 0.00	30.72 0.27 -0.23	32.62 0.63 -0.50	33.96 0.74 -1.01	40.19 1.29 -0.90	49.86 1.03 -2.15	48.40 1.26 -2.09	35.77 0.87 -2.76	32.30 0.21 -2.37	29.15 -0.17 -1.53	27.99 -0.31 -0.45	27.30 -0.05 0.00
NIAGARA_115E_LBMP 323715	20.29 0.08 0.00	18.99 0.00 0.00	18.11 -0.13 0.00	17.86 -0.20 0.00	17.72 -0.23 0.00	18.29 0.05 0.00	21.29 -0.26 0.00	22.98 -0.52 0.00	23.86 -0.41 0.00	23.76 -0.61 0.00	26.88 -0.63 0.00	27.87 -0.37 0.00	29.24 -0.20 0.00	30.69 0.24 -0.23	32.49 0.50 -0.50	33.87 0.64 -1.02	40.05 1.14 -0.90	49.59 0.74 -2.17	48.19 1.04 -2.10	35.69 0.77 -2.78	32.11 0.00 -2.39	28.99 -0.33 -1.54	28.08 -0.22 -0.46	27.14 -0.22 0.00

NIAGARA_115W_LBMP 323714	20.31 0.10 0.00	18.99 0.00 0.00	18.13 -0.11 0.00	17.88 -0.18 0.00	17.74 -0.21 0.00	18.31 0.07 0.00	21.29 -0.26 0.00	22.98 -0.52 0.00	23.86 -0.41 0.00	23.76 -0.61 0.00	26.88 -0.63 0.00	27.87 -0.37 0.00	29.20 -0.24 0.00	30.66 0.21 -0.23	32.52 0.53 -0.50	33.86 0.64 -1.00	40.00 1.10 -0.89	49.57 0.74 -2.14	48.17 1.04 -2.08	35.66 0.77 -2.75	32.11 0.03 -2.36	29.00 -0.31 -1.52	28.10 -0.19 -0.45	27.20 -0.16 0.00
NIAGARA_230_LBMP 323716	20.47 0.26 0.00	19.14 0.15 0.00	18.25 0.02 0.00	18.02 -0.04 0.00	17.87 -0.09 0.00	18.44 0.20 0.00	21.48 -0.06 0.00	23.19 -0.31 0.00	24.05 -0.22 0.00	23.96 -0.41 0.00	27.09 -0.41 0.00	28.07 -0.17 0.00	29.41 -0.03 0.00	30.83 0.39 -0.22	32.70 0.72 -0.49	34.03 0.84 -0.99	40.21 1.33 -0.88	49.81 1.03 -2.10	48.40 1.31 -2.04	35.80 0.96 -2.70	32.27 0.24 -2.32	29.17 -0.11 -1.49	28.26 -0.03 -0.44	27.33 -0.03 0.00
NIAGARA__115KV_198_GIBSON 55903	20.31 0.10 0.00	18.99 0.00 0.00	18.13 -0.11 0.00	17.77 -0.29 0.00	17.74 -0.22 0.00	18.31 0.07 0.00	21.20 -0.34 0.00	22.98 -0.52 0.00	23.83 -0.44 0.00	23.76 -0.61 0.00	26.87 -0.63 0.00	27.68 -0.56 0.00	29.26 -0.18 0.00	30.63 0.18 -0.23	32.52 0.54 -0.50	33.86 0.64 -1.00	40.08 1.18 -0.89	49.76 0.93 -2.15	48.26 1.13 -2.09	35.67 0.77 -2.75	32.20 0.12 -2.36	29.06 -0.25 -1.52	27.93 -0.36 -0.45	27.22 -0.14 0.00
NIAGARA____ 23760	20.31 0.10 0.00	18.99 0.00 0.00	18.13 -0.11 0.00	17.88 -0.18 0.00	17.72 -0.23 0.00	18.29 0.05 0.00	21.33 -0.22 0.00	23.08 -0.42 0.00	23.95 -0.32 0.00	23.86 -0.51 0.00	26.98 -0.52 0.00	27.99 -0.25 0.00	29.32 -0.12 0.00	30.75 0.30 -0.22	32.61 0.63 -0.49	33.95 0.74 -1.00	40.14 1.25 -0.89	49.70 0.88 -2.13	48.29 1.17 -2.07	35.74 0.87 -2.73	32.19 0.12 -2.35	29.08 -0.22 -1.51	28.15 -0.14 -0.45	27.22 -0.14 0.00
NINE_MILE_1 23575	19.85 -0.36 0.00	18.63 -0.36 0.00	17.87 -0.36 0.00	17.68 -0.38 0.00	17.58 -0.38 0.00	17.91 -0.33 0.00	21.14 -0.41 0.00	22.98 -0.52 0.00	23.73 -0.53 0.00	23.76 -0.61 0.00	20.54 -0.72 6.26	20.52 -0.65 7.07	20.71 -0.68 8.06	19.81 -0.60 9.80	19.71 -0.54 11.24	19.90 -0.52 11.79	18.26 -0.50 19.24	31.00 -0.79 14.89	27.41 -0.67 16.97	23.34 -0.48 8.32	25.53 -0.53 3.65	21.07 -0.61 6.10	22.81 -0.64 4.40	20.98 -0.71 5.67
NINE_MILE_2 23744	19.85 -0.36 0.00	18.63 -0.36 0.00	17.87 -0.36 0.00	17.68 -0.38 0.00	17.58 -0.38 0.00	17.91 -0.33 0.00	21.14 -0.41 0.00	22.98 -0.52 0.00	23.73 -0.53 0.00	23.76 -0.61 0.00	20.44 -0.72 6.35	20.41 -0.65 7.18	20.58 -0.68 8.18	19.66 -0.60 9.95	19.55 -0.54 11.41	19.72 -0.52 11.97	17.97 -0.50 19.53	30.77 -0.79 15.12	27.15 -0.67 17.22	23.21 -0.48 8.45	25.48 -0.53 3.71	20.98 -0.61 6.19	22.74 -0.64 4.46	20.89 -0.71 5.75
NM_CAPITAL____DRP 24208	20.74 0.53 0.00	19.54 0.55 0.00	18.78 0.55 0.00	18.64 0.58 0.00	18.52 0.56 0.00	18.74 0.51 0.00	22.15 0.60 0.00	24.06 0.56 0.00	24.85 0.58 0.00	24.96 0.58 0.00	28.19 0.69 0.00	29.32 1.07 0.00	30.53 1.09 0.00	34.86 1.15 -3.50	39.73 1.23 -7.01	47.69 1.26 -14.22	52.03 1.37 -12.66	78.26 1.59 -29.99	75.66 1.49 -29.13	71.69 1.09 -38.45	63.71 0.98 -33.01	50.00 0.92 -21.30	35.17 1.00 -6.32	28.45 1.04 -0.06
NM_CENTRAL____DRP 24181	20.29 0.08 0.00	19.03 0.04 0.00	18.25 0.02 0.00	18.04 -0.02 0.00	17.96 0.00 0.00	18.31 0.07 0.00	21.61 0.06 0.00	23.55 0.05 0.00	24.27 0.00 0.00	24.35 -0.02 0.00	28.09 -0.03 -0.61	28.96 0.03 -0.69	30.35 0.12 -0.79	31.39 0.21 -0.96	32.94 0.35 -1.10	33.81 0.45 -1.15	40.53 0.65 -1.88	49.81 0.56 -2.56	48.37 0.59 -2.73	34.79 0.42 -2.23	31.59 0.30 -1.58	29.25 0.08 -1.38	28.53 0.03 -0.66	27.83 -0.08 -0.56
NM_FRONTIER____DRP 24179	20.31 0.10 0.00	18.99 0.00 0.00	18.13 -0.11 0.00	17.77 -0.29 0.00	17.74 -0.22 0.00	18.31 0.07 0.00	21.20 -0.34 0.00	22.98 -0.52 0.00	23.83 -0.44 0.00	23.76 -0.61 0.00	26.87 -0.63 0.00	27.68 -0.56 0.00	29.26 -0.18 0.00	30.63 0.18 -0.23	32.52 0.54 -0.50	33.86 0.64 -1.00	40.08 1.18 -0.89	49.76 0.93 -2.15	48.26 1.13 -2.09	35.67 0.77 -2.75	32.20 0.12 -2.36	29.06 -0.25 -1.52	27.93 -0.36 -0.45	27.22 -0.14 0.00
NM_ST_REGIS____HYD 24053	20.03 -0.18 0.00	18.80 -0.19 0.00	18.05 -0.18 0.00	17.86 -0.20 0.00	17.78 -0.18 0.00	18.03 -0.20 0.00	21.44 -0.11 0.00	23.43 -0.07 0.00	24.27 0.00 0.00	24.47 0.10 0.00	27.82 0.11 -0.21	28.33 -0.14 -0.23	29.38 -0.32 -0.26	29.60 -0.94 -0.32	30.82 -1.04 -0.37	31.37 -1.22 -0.39	37.15 -1.48 -0.63	45.91 -1.26 -0.49	44.52 -1.08 -0.56	31.32 -1.09 -0.27	29.16 -0.68 -0.12	27.65 -0.33 -0.20	27.85 -0.14 -0.14	27.51 -0.03 -0.19
NORTHPORT____1 23551	21.61 1.39 0.00	20.21 1.22 0.00	19.33 1.09 0.00	19.12 1.07 0.00	19.07 1.11 0.00	19.44 1.20 0.00	23.03 1.49 0.00	24.79 1.29 0.00	25.72 1.46 0.00	25.98 1.61 0.00	29.19 1.68 0.00	29.40 1.16 0.00	30.46 1.03 0.01	32.66 0.97 -1.47	35.38 0.69 -3.20	39.81 1.10 -6.51	44.67 0.87 -5.79	61.90 1.45 -13.77	51.81 0.99 -5.77	39.86 0.61 -7.11	40.66 0.50 -10.43	33.54 0.33 -5.42	31.16 0.39 -2.92	28.12 0.74 -0.03
NORTHPORT____2 23552	21.61 1.39 0.00	20.21 1.22 0.00	19.33 1.09 0.00	19.12 1.07 0.00	19.07 1.11 0.00	19.44 1.20 0.00	23.03 1.49 0.00	24.79 1.29 0.00	25.72 1.46 0.00	25.98 1.61 0.00	29.19 1.68 0.00	29.40 1.16 0.00	30.46 1.03 0.01	32.66 0.97 -1.47	35.38 0.69 -3.20	39.81 1.10 -6.51	44.67 0.87 -5.79	61.90 1.45 -13.77	51.81 0.99 -5.77	39.86 0.61 -7.11	40.66 0.50 -10.43	33.54 0.33 -5.42	31.16 0.39 -2.92	28.12 0.74 -0.03
NORTHPORT____3 23553	21.81 1.60 0.00	20.41 1.42 0.00	19.51 1.28 0.00	19.30 1.25 0.00	19.27 1.31 0.00	19.62 1.39 0.00	23.27 1.72 0.00	25.12 1.62 0.00	26.04 1.77 0.00	26.32 1.95 0.00	29.69 2.17 -0.01	29.99 1.75 0.00	30.70 1.27 0.01	32.88 1.18 -1.48	35.61 0.91 -3.21	40.01 1.29 -6.52	45.06 1.25 -5.80	62.38 1.91 -13.78	52.32 1.44 -5.83	40.25 0.93 -7.18	40.87 0.68 -10.47	33.77 0.53 -5.46	31.39 0.61 -2.93	28.42 1.04 -0.03
NORTHPORT____4 23650	21.81 1.60 0.00	20.41 1.42 0.00	19.51 1.28 0.00	19.30 1.25 0.00	19.27 1.31 0.00	19.62 1.39 0.00	23.27 1.72 0.00	25.12 1.62 0.00	26.04 1.77 0.00	26.32 1.95 0.00	29.69 2.17 -0.01	29.99 1.75 0.00	30.70 1.27 0.01	32.88 1.18 -1.48	35.61 0.91 -3.21	40.01 1.29 -6.52	45.06 1.25 -5.80	62.38 1.91 -13.78	52.32 1.44 -5.83	40.25 0.93 -7.18	40.87 0.68 -10.47	33.77 0.53 -5.46	31.39 0.61 -2.93	28.42 1.04 -0.03
NORTHPORT____IC 23718	21.61 1.39 0.00	20.21 1.22 0.00	19.33 1.09 0.00	19.12 1.07 0.00	19.07 1.11 0.00	19.44 1.20 0.00	23.03 1.49 0.00	24.79 1.29 0.00	25.72 1.46 0.00	25.98 1.61 0.00	29.19 1.68 0.00	29.40 1.16 0.00	30.46 1.03 0.01	32.66 0.97 -1.47	35.38 0.69 -3.20	39.81 1.10 -6.51	44.67 0.87 -5.79	61.90 1.45 -13.77	51.81 0.99 -5.77	39.86 0.61 -7.11	40.66 0.50 -10.43	33.54 0.33 -5.42	31.16 0.39 -2.92	28.12 0.74 -0.03

NORTH____COUNTRY_ESR 323785	20.17 -0.04 0.00	18.93 -0.06 0.00	18.15 -0.09 0.00	17.99 -0.07 0.00	17.89 -0.07 0.00	18.13 -0.11 0.00	21.53 -0.02 0.00	23.57 0.07 0.00	24.49 0.22 0.00	24.67 0.29 0.00	27.86 0.36 0.00	28.30 0.06 0.00	29.53 0.09 0.00	30.13 -0.09 0.00	31.34 -0.16 0.00	31.95 -0.26 0.00	37.78 -0.23 0.00	46.73 0.05 0.00	45.09 0.05 0.00	32.14 0.00 0.00	29.78 0.06 0.00	28.01 0.22 0.00	27.90 0.06 0.00	27.49 0.14 0.00
NPX_GEN_1385_PROXY 323591	21.65 1.44 0.00	20.26 1.27 0.00	19.37 1.13 0.00	19.16 1.10 0.00	19.11 1.15 0.00	19.47 1.24 0.00	23.08 1.53 0.00	24.84 1.34 0.00	25.77 1.51 0.00	26.03 1.66 0.00	29.24 1.73 0.00	29.40 1.16 0.00	30.52 1.09 0.01	32.72 1.03 -1.47	35.44 0.75 -3.20	39.87 1.16 -6.51	44.75 0.95 -5.79	61.99 1.54 -13.77	51.90 1.08 -5.77	39.93 0.68 -7.11	40.72 0.56 -10.43	33.60 0.39 -5.42	31.21 0.44 -2.92	28.18 0.79 -0.03
NPX_GEN_CSC 323557	21.99 1.78 0.00	20.55 1.56 0.00	19.62 1.39 0.00	19.39 1.34 0.00	19.38 1.42 0.00	19.77 1.53 0.00	23.42 1.87 0.00	24.72 1.22 0.00	25.68 1.41 0.00	25.95 1.58 0.00	29.29 1.79 0.00	29.63 1.38 0.00	30.67 1.24 0.00	32.94 1.24 -1.49	35.74 1.04 -3.21	40.18 1.45 -6.52	45.48 1.67 -5.80	62.89 2.43 -13.78	52.88 1.94 -5.90	40.71 1.29 -7.28	41.04 0.80 -10.52	33.90 0.61 -5.50	31.39 0.61 -2.94	28.31 0.93 -0.03
NSINS_S_GLNS_FALLS 23858	21.39 1.17 0.00	20.03 1.04 0.00	19.22 0.98 0.00	19.09 1.03 0.00	18.96 1.01 0.00	19.24 1.00 0.00	22.82 1.27 0.00	24.91 1.41 0.00	25.75 1.48 0.00	25.79 1.41 0.00	29.02 1.51 0.00	30.28 2.03 0.00	31.65 2.21 0.00	37.39 2.45 -4.73	43.96 2.68 -9.79	54.66 2.58 -19.88	58.97 3.27 -17.70	92.10 4.53 -40.89	89.23 4.46 -39.72	87.73 3.15 -52.43	77.62 2.88 -45.02	59.44 2.61 -29.04	38.91 2.45 -8.62	29.76 2.33 -0.08
NUCOR_STEEL____DRP 24197	20.64 0.42 0.00	19.37 0.38 0.00	18.56 0.33 0.00	18.35 0.29 0.00	18.25 0.29 0.00	18.65 0.42 0.00	22.02 0.47 0.00	23.97 0.47 0.00	24.73 0.46 0.00	24.81 0.44 0.00	29.13 0.52 -1.10	30.11 0.62 -1.24	31.62 0.77 -1.42	32.93 0.82 -1.90	34.82 0.98 -2.35	36.21 1.16 -2.84	43.66 1.60 -4.06	52.67 1.73 -4.26	51.47 1.85 -4.57	36.96 1.25 -3.56	33.18 1.01 -2.45	30.77 0.75 -2.24	29.60 0.64 -1.12	28.76 0.41 -1.00
NUMBER_THREE_WT_PWR 323818	20.68 0.47 0.00	19.39 0.40 0.00	18.58 0.35 0.00	18.38 0.33 0.00	18.30 0.34 0.00	18.65 0.42 0.00	22.19 0.65 0.00	24.13 0.63 0.00	24.88 0.61 0.00	24.91 0.54 0.00	28.49 0.52 -0.46	29.35 0.59 -0.52	30.50 0.47 -0.59	31.36 0.42 -0.72	33.04 0.72 -0.82	33.91 0.84 -0.86	40.78 1.37 -1.41	49.50 1.73 -1.09	48.09 1.80 -1.24	34.07 1.32 -0.61	31.27 1.28 -0.27	29.32 1.08 -0.45	29.25 1.08 -0.32	28.64 0.88 -0.41
NYISO_LBMP_REFERENCE 24008	20.21 0.00 0.00	18.99 0.00 0.00	18.24 0.00 0.00	18.06 0.00 0.00	17.96 0.00 0.00	18.23 0.00 0.00	21.55 0.00 0.00	23.50 0.00 0.00	24.27 0.00 0.00	24.37 0.00 0.00	27.51 0.00 0.00	28.24 0.00 0.00	29.44 0.00 0.00	30.22 0.00 0.00	31.49 0.00 0.00	32.21 0.00 0.00	38.00 0.00 0.00	46.68 0.00 0.00	45.05 0.00 0.00	32.14 0.00 0.00	29.72 0.00 0.00	27.79 0.00 0.00	27.84 0.00 0.00	27.35 0.00 0.00
NYPA_BRENTWD____GT 24164	21.91 1.70 0.00	20.49 1.50 0.00	19.57 1.33 0.00	19.36 1.30 0.00	19.32 1.36 0.00	19.69 1.46 0.00	23.36 1.81 0.00	25.12 1.62 0.00	26.06 1.80 0.00	26.34 1.97 0.00	29.66 2.15 0.00	29.97 1.72 0.00	31.12 1.65 -0.03	33.37 1.63 -1.52	36.12 1.38 -3.24	40.56 1.80 -6.55	45.44 1.63 -5.80	62.84 2.38 -13.78	52.98 1.89 -6.04	40.90 1.29 -7.48	41.52 1.16 -10.64	34.35 0.95 -5.62	31.79 0.97 -2.97	28.67 1.29 -0.03
NYPA_GOWANUS____GT5 24156	21.47 1.25 -0.01	20.13 1.14 0.00	19.29 1.06 0.00	19.17 1.10 -0.01	19.12 1.15 -0.01	19.27 1.04 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.77 1.51 0.00	26.08 1.71 0.00	29.38 1.87 0.00	30.53 2.29 0.00	31.59 2.15 0.00	33.76 2.06 -1.49	36.47 1.76 -3.21	40.86 2.13 -6.52	45.98 2.17 -5.81	63.86 3.22 -13.96	61.26 2.66 -13.56	51.77 1.73 -17.89	46.48 1.40 -15.36	38.95 1.25 -9.91	32.57 1.78 -2.94	29.28 1.89 -0.04
NYPA_GOWANUS____GT6 24157	21.47 1.25 -0.01	20.13 1.14 0.00	19.29 1.06 0.00	19.17 1.10 -0.01	19.12 1.15 -0.01	19.27 1.04 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.77 1.51 0.00	26.08 1.71 0.00	29.38 1.87 0.00	30.53 2.29 0.00	31.59 2.15 0.00	33.76 2.06 -1.49	36.47 1.76 -3.21	40.86 2.13 -6.52	45.98 2.17 -5.81	63.86 3.22 -13.96	61.26 2.66 -13.56	51.77 1.73 -17.89	46.48 1.40 -15.36	38.95 1.25 -9.91	32.57 1.78 -2.94	29.28 1.89 -0.04
NYPA_HARLEM_RVR_GT1 24160	21.41 1.19 -0.01	20.06 1.06 -0.01	19.25 1.00 -0.01	19.11 1.05 -0.01	19.04 1.08 -0.01	19.20 0.97 0.00	22.48 0.95 0.02	24.66 1.17 0.01	25.57 1.31 0.01	25.88 1.51 0.01	29.15 1.65 0.01	30.24 2.01 0.01	31.41 1.97 0.01	33.54 1.84 -1.48	36.24 1.54 -3.21	40.59 1.87 -6.52	45.63 1.82 -5.80	63.43 2.80 -13.95	60.80 2.21 -13.55	51.48 1.45 -17.89	46.20 1.13 -15.35	38.63 0.95 -9.90	32.43 1.64 -2.94	29.17 1.78 -0.04
NYPA_HARLEM_RVR_GT2 24161	21.41 1.19 -0.01	20.06 1.06 -0.01	19.25 1.00 -0.01	19.11 1.05 -0.01	19.04 1.08 -0.01	19.20 0.97 0.00	22.48 0.95 0.02	24.66 1.17 0.01	25.57 1.31 0.01	25.88 1.51 0.01	29.15 1.65 0.01	30.24 2.01 0.01	31.41 1.97 0.01	33.54 1.84 -1.48	36.24 1.54 -3.21	40.59 1.87 -6.52	45.63 1.82 -5.80	63.43 2.80 -13.95	60.80 2.21 -13.55	51.48 1.45 -17.89	46.20 1.13 -15.35	38.63 0.95 -9.90	32.43 1.64 -2.94	29.17 1.78 -0.04
NYPA_KENT____GT 24152	21.41 1.19 0.00	20.07 1.08 0.00	19.26 1.02 0.00	19.13 1.07 0.00	19.06 1.10 0.00	19.24 1.00 0.00	22.69 1.14 0.00	24.86 1.36 0.00	25.75 1.48 0.00	26.05 1.68 0.00	29.35 1.84 0.00	30.47 2.23 0.00	31.59 2.15 0.00	33.76 2.06 -1.49	36.47 1.76 -3.21	40.82 2.09 -6.52	45.94 2.13 -5.81	63.81 3.18 -13.96	61.22 2.61 -13.56	51.74 1.70 -17.89	46.45 1.37 -15.36	38.92 1.22 -9.91	32.48 1.70 -2.94	29.19 1.80 -0.03
NYPA_POUCH1____GT 24155	21.52 1.29 -0.01	20.17 1.18 0.00	19.33 1.09 0.00	19.20 1.14 -0.01	19.15 1.19 -0.01	19.29 1.06 0.00	22.71 1.16 0.00	24.86 1.36 0.00	25.75 1.48 0.00	26.08 1.71 0.00	29.35 1.84 0.00	30.50 2.26 0.00	31.51 2.06 0.00	33.67 1.96 -1.49	36.38 1.67 -3.22	40.77 2.03 -6.53	45.87 2.05 -5.81	63.72 3.08 -13.95	61.12 2.52 -13.55	51.64 1.61 -17.89	46.36 1.28 -15.36	38.89 1.19 -9.91	32.57 1.78 -2.94	29.30 1.91 -0.04
NYPA_VERNON____GT2 24162	21.35 1.13 0.00	20.03 1.04 0.00	19.22 0.98 0.00	19.07 1.01 0.00	19.00 1.04 0.00	19.22 0.98 0.00	22.67 1.12 0.00	24.84 1.34 0.00	25.75 1.48 0.00	26.03 1.66 0.00	29.32 1.82 0.00	30.45 2.20 0.00	31.59 2.15 0.00	33.76 2.06 -1.49	36.47 1.76 -3.21	40.82 2.09 -6.52	45.94 2.13 -5.81	63.77 3.13 -13.96	61.17 2.57 -13.56	51.71 1.67 -17.89	46.45 1.37 -15.36	38.89 1.19 -9.91	32.43 1.64 -2.94	29.11 1.72 -0.03

NYPY_VERNON____GT3 24163	21.35 1.13 0.00	20.03 1.04 0.00	19.22 0.98 0.00	19.07 1.01 0.00	19.00 1.04 0.00	19.22 0.98 0.00	22.67 1.12 0.00	24.84 1.34 0.00	25.75 1.48 0.00	26.03 1.66 0.00	29.32 1.82 0.00	30.45 2.20 0.00	31.59 2.15 0.00	33.76 2.06 -1.49	36.47 1.76 -3.21	40.82 2.09 -6.52	45.94 2.13 -5.81	63.77 3.13 -13.96	61.17 2.57 -13.56	51.71 1.67 -17.89	46.45 1.37 -15.36	38.89 1.19 -9.91	32.43 1.64 -2.94	29.11 1.72 -0.03
NYPY____ASTORIA_CC1 323568	21.32 1.11 0.00	19.99 1.01 0.00	19.20 0.97 0.00	19.05 0.99 0.00	19.00 1.04 0.00	19.20 0.97 0.00	22.62 1.08 0.00	24.79 1.29 0.00	25.68 1.41 0.00	25.98 1.61 0.00	29.27 1.76 0.00	30.39 2.15 0.00	31.53 2.09 0.00	33.70 1.99 -1.49	36.41 1.70 -3.21	40.73 2.00 -6.52	45.82 2.01 -5.81	63.67 3.03 -13.96	61.03 2.43 -13.56	51.64 1.61 -17.89	46.36 1.28 -15.36	38.81 1.11 -9.91	32.40 1.61 -2.94	29.08 1.70 -0.03
NYPY____ASTORIA_CC2 323569	21.32 1.11 0.00	19.99 1.01 0.00	19.20 0.97 0.00	19.05 0.99 0.00	19.00 1.04 0.00	19.20 0.97 0.00	22.62 1.08 0.00	24.79 1.29 0.00	25.68 1.41 0.00	25.98 1.61 0.00	29.27 1.76 0.00	30.39 2.15 0.00	31.53 2.09 0.00	33.70 1.99 -1.49	36.41 1.70 -3.21	40.73 2.00 -6.52	45.82 2.01 -5.81	63.67 3.03 -13.96	61.03 2.43 -13.56	51.64 1.61 -17.89	46.36 1.28 -15.36	38.81 1.11 -9.91	32.40 1.61 -2.94	29.08 1.70 -0.03
NYPY____HOLTSVILL 23794	21.91 1.70 0.00	20.49 1.50 0.00	19.57 1.33 0.00	19.36 1.30 0.00	19.32 1.36 0.00	19.69 1.46 0.00	23.33 1.79 0.00	24.98 1.48 0.00	25.94 1.67 0.00	26.20 1.83 0.00	29.54 2.04 0.00	29.85 1.61 0.00	30.91 1.47 0.00	33.15 1.45 -1.49	35.93 1.23 -3.21	40.34 1.61 -6.52	45.63 1.82 -5.80	63.03 2.57 -13.78	53.01 2.07 -5.89	40.79 1.38 -7.26	41.19 0.95 -10.51	34.06 0.78 -5.50	31.62 0.83 -2.94	28.56 1.18 -0.03
NYPY____HELLGATE_GT1 24158	21.41 1.19 -0.01	20.06 1.06 -0.01	19.25 1.00 -0.01	19.11 1.05 -0.01	19.04 1.08 -0.01	19.20 0.97 0.00	22.49 0.95 0.00	24.66 1.17 0.01	25.57 1.31 0.01	25.88 1.51 0.01	29.15 1.65 0.01	30.24 2.01 0.01	31.41 1.97 0.01	33.54 1.84 -1.48	36.24 1.54 -3.21	40.59 1.87 -6.52	45.63 1.82 -5.80	63.43 2.80 -13.95	60.80 2.21 -13.55	51.48 1.45 -17.89	46.20 1.13 -15.35	38.63 0.95 -9.90	32.43 1.64 -2.94	29.17 1.78 -0.04
NYPY____HELLGATE_GT2 24159	21.41 1.19 -0.01	20.06 1.06 -0.01	19.25 1.00 -0.01	19.11 1.05 -0.01	19.04 1.08 -0.01	19.20 0.97 0.00	22.49 0.95 0.00	24.66 1.17 0.01	25.57 1.31 0.01	25.88 1.51 0.01	29.15 1.65 0.01	30.24 2.01 0.01	31.41 1.97 0.01	33.54 1.84 -1.48	36.24 1.54 -3.21	40.59 1.87 -6.52	45.63 1.82 -5.80	63.43 2.80 -13.95	60.80 2.21 -13.55	51.48 1.45 -17.89	46.20 1.13 -15.35	38.63 0.95 -9.90	32.43 1.64 -2.94	29.17 1.78 -0.04
NYS_BARGE____HYD 23848	20.62 0.40 0.00	19.29 0.30 0.00	18.40 0.16 0.00	18.15 0.09 0.00	18.01 0.05 0.00	18.60 0.36 0.00	21.66 0.11 0.00	23.40 -0.09 0.00	24.29 0.02 0.00	24.20 -0.17 0.00	27.40 -0.11 0.00	28.47 0.22 0.00	29.82 0.38 0.00	31.35 0.91 -0.22	33.24 1.26 -0.49	34.58 1.38 -0.99	40.97 2.09 -0.88	50.61 1.82 -2.11	49.22 2.12 -2.05	36.36 1.51 -2.71	32.70 0.65 -2.33	29.51 0.22 -1.50	28.57 0.28 -0.45	27.60 0.25 0.00
OAK ORCHARD____HYD 24046	20.74 0.52 0.00	19.37 0.38 0.00	18.51 0.27 0.00	18.28 0.22 0.00	18.18 0.22 0.00	18.67 0.44 0.00	21.85 0.30 0.00	23.76 0.26 0.00	24.58 0.31 0.00	24.59 0.22 0.00	27.92 0.41 0.00	28.89 0.65 0.00	30.18 0.74 0.00	31.45 1.06 -0.17	33.32 1.45 -0.38	34.52 1.55 -0.77	40.85 2.17 -0.68	50.47 2.15 -1.64	49.07 2.43 -1.59	35.92 1.67 -2.10	32.60 1.07 -1.81	29.65 0.69 -1.17	28.86 0.67 -0.35	27.90 0.55 0.00
OAKDALE____35_KV_LOAD 356122	20.70 0.49 0.00	19.44 0.46 0.00	18.64 0.40 0.00	18.38 0.33 0.00	18.28 0.32 0.00	18.69 0.46 0.00	22.04 0.50 0.00	23.99 0.49 0.00	24.78 0.51 0.00	24.79 0.41 0.00	28.38 0.44 -0.44	29.30 0.56 -0.50	30.71 0.71 -0.56	32.27 0.85 -1.20	34.42 1.01 -1.92	36.43 1.10 -3.13	42.84 1.44 -3.39	54.17 1.54 -5.95	52.53 1.53 -5.95	40.12 1.09 -6.88	36.25 0.86 -5.66	32.31 0.61 -3.91	29.71 0.53 -1.34	28.19 0.44 -0.40
OCC_CHEM____DRP 24175	20.35 0.14 0.00	19.03 0.04 0.00	18.16 -0.07 0.00	17.81 -0.25 0.00	17.78 -0.18 0.00	18.34 0.11 0.00	21.25 -0.30 0.00	23.03 -0.47 0.00	23.88 -0.39 0.00	23.84 -0.54 0.00	26.96 -0.55 0.00	27.73 -0.51 0.00	29.32 -0.12 0.00	30.72 0.27 -0.23	32.62 0.63 -0.50	33.96 0.74 -1.01	40.19 1.29 -0.90	49.86 1.03 -2.15	48.40 1.26 -2.09	35.77 0.87 -2.76	32.30 0.21 -2.37	29.15 -0.17 -1.53	27.99 -0.31 -0.45	27.30 -0.05 0.00
OH_GEN_PROXY 24063	20.47 0.26 0.00	19.14 0.15 0.00	18.27 0.04 0.00	18.02 -0.04 0.00	17.87 -0.09 0.00	18.44 0.20 0.00	21.50 -0.04 0.00	23.24 -0.26 0.00	24.10 -0.17 0.00	24.01 -0.36 0.00	27.12 -0.39 0.00	28.13 -0.11 0.00	29.44 0.00 0.00	30.86 0.42 -0.22	32.73 0.75 -0.49	34.07 0.87 -0.99	40.74 1.37 -1.37	57.40 1.07 -9.64	62.35 1.35 -15.95	45.27 1.00 -12.13	32.31 0.27 -2.33	29.23 -0.06 -1.50	28.29 0.00 -0.45	27.36 0.00 0.00
OLIN_CORP_DRP 24177	20.31 0.10 0.00	19.01 0.02 0.00	18.15 -0.09 0.00	17.79 -0.27 0.00	17.76 -0.20 0.00	18.33 0.09 0.00	21.25 -0.30 0.00	23.03 -0.47 0.00	23.88 -0.39 0.00	23.81 -0.56 0.00	26.93 -0.58 0.00	27.73 -0.51 0.00	29.32 -0.12 0.00	30.75 0.30 -0.23	32.66 0.66 -0.50	33.94 0.71 -1.02	40.21 1.29 -0.91	49.89 1.03 -2.18	48.47 1.31 -2.12	35.77 0.84 -2.80	32.30 0.18 -2.40	29.14 -0.19 -1.55	27.97 -0.33 -0.46	27.22 -0.14 0.00
OLIN_CORP_DSASP 323712	20.36 0.14 0.00	19.05 0.06 0.00	18.16 -0.07 0.00	17.91 -0.15 0.00	17.78 -0.18 0.00	18.34 0.11 0.00	21.33 -0.22 0.00	23.03 -0.47 0.00	23.91 -0.36 0.00	23.81 -0.56 0.00	26.96 -0.55 0.00	27.93 -0.31 0.00	29.29 -0.15 0.00	30.72 0.27 -0.23	32.62 0.63 -0.50	33.96 0.74 -1.01	40.12 1.22 -0.90	49.72 0.88 -2.15	48.30 1.17 -2.09	35.76 0.87 -2.75	32.21 0.12 -2.36	29.09 -0.22 -1.53	28.16 -0.14 -0.45	27.25 -0.11 0.00
ONEIDA_HERK_LFGE 323681	20.66 0.44 0.00	19.39 0.40 0.00	18.58 0.35 0.00	18.38 0.33 0.00	18.30 0.34 0.00	18.63 0.40 0.00	22.13 0.58 0.00	24.11 0.61 0.00	24.88 0.61 0.00	24.93 0.56 0.00	28.36 0.60 -0.25	29.29 0.76 -0.28	30.41 0.65 -0.32	31.31 0.70 -0.39	32.85 0.91 -0.45	33.68 1.00 -0.47	40.25 1.48 -0.77	49.05 1.77 -0.59	47.48 1.76 -0.68	33.76 1.29 -0.33	31.06 1.19 -0.15	28.97 0.95 -0.24	28.94 0.92 -0.18	28.34 0.76 -0.23
ONEIDA____115KV_TB4 55905	20.80 0.59 0.00	19.52 0.53 0.00	18.71 0.47 0.00	18.49 0.43 0.00	18.41 0.45 0.00	18.78 0.55 0.00	22.26 0.71 0.00	24.25 0.75 0.00	25.02 0.75 0.00	25.15 0.78 0.00	28.73 0.88 -0.34	29.64 1.02 -0.38	31.03 1.15 -0.44	31.90 1.15 -0.53	33.42 1.32 -0.61	34.30 1.45 -0.64	41.06 2.01 -1.04	49.83 2.33 -0.81	48.31 2.34 -0.92	34.27 1.67 -0.45	31.38 1.46 -0.20	29.26 1.14 -0.33	29.14 1.06 -0.24	28.54 0.88 -0.31

ONONDAGA_REF_OCCRA 23987	20.37 0.16 0.00	19.10 0.11 0.00	18.31 0.07 0.00	18.09 0.04 0.00	18.01 0.05 0.00	18.38 0.15 0.00	21.70 0.15 0.00	23.64 0.14 0.00	24.37 0.10 0.00	24.44 0.07 0.00	28.33 0.08 -0.74	29.25 0.17 -0.84	30.66 0.26 -0.96	31.90 0.36 -1.32	33.66 0.50 -1.67	34.89 0.61 -2.07	41.76 0.87 -2.88	50.68 0.79 -3.20	49.31 0.86 -3.41	35.55 0.58 -2.83	32.18 0.45 -2.02	29.75 0.22 -1.74	28.84 0.17 -0.82	28.06 0.03 -0.67
ONONDAGA___COGEN 23986	20.37 0.16 0.00	19.12 0.13 0.00	18.33 0.09 0.00	18.11 0.05 0.00	18.03 0.07 0.00	18.40 0.16 0.00	21.72 0.17 0.00	23.64 0.14 0.00	24.37 0.10 0.00	24.44 0.07 0.00	28.75 0.11 -1.14	29.72 0.20 -1.28	31.20 0.29 -1.46	32.50 0.36 -1.92	34.34 0.50 -2.34	35.55 0.58 -2.76	42.92 0.87 -4.04	51.50 0.79 -4.02	50.27 0.86 -4.36	35.96 0.61 -3.20	32.28 0.45 -2.12	30.08 0.25 -2.04	29.09 0.17 -1.08	28.41 0.03 -1.03
ONTARIO___LFGE 23819	20.82 0.61 0.00	19.48 0.49 0.00	18.64 0.40 0.00	18.42 0.36 0.00	18.30 0.34 0.00	18.80 0.57 0.00	22.17 0.63 0.00	24.13 0.63 0.00	24.95 0.68 0.00	24.93 0.56 0.00	28.56 0.69 -0.37	29.65 0.99 -0.41	30.86 0.94 -0.47	32.27 1.27 -0.79	34.12 1.51 -1.12	35.44 1.61 -1.63	42.28 2.32 -1.96	51.93 2.38 -2.87	50.59 2.61 -2.93	36.99 1.80 -3.05	33.50 1.37 -2.41	30.53 0.97 -1.77	29.39 0.86 -0.68	28.32 0.63 -0.34
ORANGEVILLE_WT_PWR 323706	20.94 0.73 0.00	19.61 0.63 0.00	18.71 0.47 0.00	18.46 0.40 0.00	18.32 0.36 0.00	18.89 0.66 0.00	22.13 0.58 0.00	23.97 0.47 0.00	24.88 0.61 0.00	24.76 0.39 0.00	27.95 0.44 0.00	29.01 0.76 0.00	30.35 0.91 0.00	31.92 1.42 -0.28	33.87 1.76 -0.61	35.38 1.93 -1.24	41.77 2.66 -1.11	51.76 2.43 -2.65	50.24 2.61 -2.58	37.41 1.86 -3.40	33.68 1.04 -2.92	30.31 0.64 -1.89	29.04 0.64 -0.56	27.88 0.52 -0.01
ORANGEVILLE___ESR 323794	20.94 0.73 0.00	19.61 0.63 0.00	18.71 0.47 0.00	18.46 0.40 0.00	18.32 0.36 0.00	18.89 0.66 0.00	22.13 0.58 0.00	23.97 0.47 0.00	24.88 0.61 0.00	24.76 0.39 0.00	27.95 0.44 0.00	29.01 0.76 0.00	30.35 0.91 0.00	31.92 1.42 -0.28	33.87 1.76 -0.61	35.38 1.93 -1.24	41.77 2.66 -1.11	51.76 2.43 -2.65	50.24 2.61 -2.58	37.41 1.86 -3.40	33.68 1.04 -2.92	30.31 0.64 -1.89	29.04 0.64 -0.56	27.88 0.52 -0.01
OSWEGATCHIE___HYD 24044	20.31 0.10 0.00	19.07 0.08 0.00	18.27 0.04 0.00	18.09 0.04 0.00	18.01 0.05 0.00	18.31 0.07 0.00	21.78 0.24 0.00	23.73 0.23 0.00	24.49 0.22 0.00	24.62 0.24 0.00	28.13 0.22 -0.40	28.81 0.11 -0.45	29.90 -0.06 -0.52	30.39 -0.45 -0.63	31.87 -0.35 -0.72	32.58 -0.39 -0.75	38.93 -0.31 -1.23	47.64 0.00 -0.95	46.22 0.09 -1.09	32.58 -0.10 -0.53	30.07 0.12 -0.23	28.48 0.31 -0.39	28.54 0.42 -0.28	28.10 0.38 -0.36
OSWEGO___5 23606	20.01 -0.20 0.00	18.78 -0.21 0.00	18.02 -0.22 0.00	17.82 -0.24 0.00	17.72 -0.23 0.00	18.05 -0.18 0.00	21.31 -0.24 0.00	23.17 -0.33 0.00	23.93 -0.34 0.00	23.98 -0.39 0.00	31.71 -0.47 -4.67	33.13 -0.40 -5.28	35.05 -0.41 -6.02	37.21 -0.33 -7.32	39.63 -0.25 -8.39	40.82 -0.19 -8.81	52.26 -0.11 -14.37	57.48 -0.32 -11.12	57.49 -0.22 -12.67	38.20 -0.16 -6.21	32.18 -0.27 -2.73	31.98 -0.36 -4.56	30.74 -0.39 -3.28	31.12 -0.47 -4.23
OSWEGO___6 23613	20.01 -0.20 0.00	18.78 -0.21 0.00	18.02 -0.22 0.00	17.82 -0.24 0.00	17.72 -0.23 0.00	18.05 -0.18 0.00	21.31 -0.24 0.00	23.17 -0.33 0.00	23.93 -0.34 0.00	23.98 -0.39 0.00	31.71 -0.47 -4.67	33.13 -0.40 -5.28	35.05 -0.41 -6.02	37.21 -0.33 -7.32	39.63 -0.25 -8.39	40.82 -0.19 -8.81	52.26 -0.11 -14.37	57.48 -0.32 -11.12	57.49 -0.22 -12.67	38.20 -0.16 -6.21	32.18 -0.27 -2.73	31.98 -0.36 -4.56	30.74 -0.39 -3.28	31.12 -0.47 -4.23
OUTOKUMPU-AB___DRP 24206	20.76 0.55 0.00	19.48 0.49 0.00	18.58 0.35 0.00	18.20 0.14 0.00	18.19 0.23 0.00	18.76 0.53 0.00	21.76 0.22 0.00	23.64 0.14 0.00	24.56 0.29 0.00	24.47 0.10 0.00	27.70 0.19 0.00	28.58 0.34 0.00	30.30 0.85 0.00	31.81 1.36 -0.23	33.73 1.73 -0.51	35.14 1.90 -1.04	41.66 2.74 -0.92	51.55 2.66 -2.20	50.07 2.88 -2.14	36.89 1.93 -2.82	33.22 1.07 -2.42	29.93 0.58 -1.56	28.70 0.39 -0.46	27.88 0.52 0.00
OXBOW____ 24026	20.62 0.40 0.00	19.31 0.32 0.00	18.42 0.18 0.00	18.17 0.11 0.00	18.03 0.07 0.00	18.60 0.36 0.00	21.66 0.11 0.00	23.38 -0.12 0.00	24.32 0.05 0.00	24.20 -0.17 0.00	27.40 -0.11 0.00	28.47 0.22 0.00	29.85 0.41 0.00	31.39 0.94 -0.23	33.32 1.32 -0.50	34.68 1.45 -1.02	41.04 2.13 -0.91	50.73 1.87 -2.18	49.33 2.16 -2.12	36.48 1.54 -2.79	32.77 0.65 -2.40	29.58 0.25 -1.55	28.61 0.31 -0.46	27.63 0.27 0.00
OXY_CHEM_DSASP 323612	20.35 0.14 0.00	19.03 0.04 0.00	18.16 -0.07 0.00	17.81 -0.25 0.00	17.78 -0.18 0.00	18.34 0.11 0.00	21.25 -0.30 0.00	23.03 -0.47 0.00	23.88 -0.39 0.00	23.84 -0.54 0.00	26.96 -0.55 0.00	27.73 -0.51 0.00	29.32 -0.12 0.00	30.72 0.27 -0.23	32.62 0.63 -0.50	33.96 0.74 -1.01	40.19 1.29 -0.90	49.86 1.03 -2.15	48.40 1.26 -2.09	35.77 0.87 -2.76	32.30 0.21 -2.37	29.15 -0.17 -1.53	27.99 -0.31 -0.45	27.30 -0.05 0.00
OZONE_PARK_ESR 323760	21.41 1.19 0.00	20.07 1.08 0.00	19.26 1.02 0.00	19.20 1.14 0.00	19.04 1.08 0.00	19.29 1.06 0.00	22.84 1.29 0.00	25.03 1.53 0.00	26.02 1.75 0.00	26.20 1.83 0.00	29.49 1.98 0.00	30.70 2.46 0.00	31.88 2.44 0.00	34.09 2.39 -1.49	36.85 2.14 -3.21	41.15 2.42 -6.52	46.47 2.66 -5.81	64.33 3.69 -13.95	61.67 3.06 -13.55	52.19 2.15 -17.89	46.81 1.72 -15.36	39.22 1.53 -9.91	32.54 1.75 -2.94	29.19 1.81 -0.03
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	20.35 0.14 0.00	19.03 0.04 0.00	18.16 -0.07 0.00	17.81 -0.25 0.00	17.78 -0.18 0.00	18.34 0.11 0.00	21.25 -0.30 0.00	23.03 -0.47 0.00	23.88 -0.39 0.00	23.84 -0.54 0.00	26.96 -0.55 0.00	27.73 -0.51 0.00	29.32 -0.12 0.00	30.72 0.27 -0.23	32.62 0.63 -0.50	33.96 0.74 -1.01	40.19 1.29 -0.90	49.86 1.03 -2.15	48.40 1.26 -2.09	35.77 0.87 -2.76	32.30 0.21 -2.37	29.15 -0.17 -1.53	27.99 -0.31 -0.45	27.30 -0.05 0.00
PACKARD___115KV_DUPONT_184 80571	20.35 0.14 0.00	19.03 0.04 0.00	18.16 -0.07 0.00	17.81 -0.25 0.00	17.78 -0.18 0.00	18.34 0.11 0.00	21.25 -0.30 0.00	23.03 -0.47 0.00	23.88 -0.39 0.00	23.84 -0.54 0.00	26.96 -0.55 0.00	27.73 -0.51 0.00	29.32 -0.12 0.00	30.72 0.27 -0.23	32.62 0.63 -0.50	33.96 0.74 -1.01	40.19 1.29 -0.90	49.86 1.03 -2.15	48.40 1.26 -2.09	35.77 0.87 -2.76	32.30 0.21 -2.37	29.15 -0.17 -1.53	27.99 -0.31 -0.45	27.30 -0.05 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	21.43 1.21 0.00	20.09 1.10 0.00	19.28 1.04 0.00	19.22 1.16 -0.01	19.08 1.11 -0.01	19.24 1.00 0.00	22.56 1.01 0.00	24.70 1.20 0.00	25.72 1.46 0.00	25.91 1.54 0.00	29.16 1.65 0.00	30.36 2.12 0.00	31.50 2.06 0.00	33.70 1.99 -1.49	36.44 1.73 -3.21	40.63 1.90 -6.52	45.83 2.01 -5.81	63.53 2.89 -13.95	60.90 2.30 -13.55	51.61 1.57 -17.89	46.27 1.19 -15.36	38.75 1.06 -9.91	32.45 1.67 -2.94	29.20 1.81 -0.04

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	21.65 1.44 0.00	20.30 1.31 0.00	19.48 1.24 0.00	19.44 1.37 -0.01	19.30 1.33 -0.01	19.44 1.20 0.00	22.80 1.25 0.00	24.98 1.48 0.00	26.02 1.75 0.00	26.20 1.83 0.00	29.46 1.95 0.00	30.84 2.60 0.00	32.06 2.62 0.00	34.12 2.42 -1.49	36.85 2.14 -3.21	41.08 2.35 -6.52	46.32 2.51 -5.81	64.23 3.59 -13.95	61.58 2.97 -13.55	52.09 2.06 -17.89	46.69 1.60 -15.36	39.14 1.44 -9.91	32.82 2.03 -2.94	29.50 2.11 -0.04
PATROON__115KV_TB1 80586	20.72 0.51 0.00	19.52 0.53 0.00	18.78 0.55 0.00	18.64 0.58 0.00	18.52 0.56 0.00	18.74 0.51 0.00	22.13 0.58 0.00	24.06 0.56 0.00	24.85 0.58 0.00	24.96 0.58 0.00	28.19 0.69 0.00	29.34 1.10 0.00	30.56 1.12 0.00	35.09 1.18 -3.69	40.17 1.26 -7.42	48.58 1.32 -15.05	52.88 1.48 -13.40	80.00 1.73 -31.59	77.36 1.62 -30.69	73.81 1.16 -40.51	65.57 1.07 -34.78	51.19 0.97 -22.43	35.53 1.03 -6.66	28.46 1.04 -0.06
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	20.92 0.71 0.00	19.65 0.66 0.00	18.75 0.51 0.00	18.35 0.29 0.00	18.30 0.34 0.00	18.91 0.67 0.00	22.06 0.52 0.00	23.90 0.40 0.00	24.85 0.58 0.00	24.74 0.37 0.00	27.70 0.19 0.00	28.64 0.40 0.00	30.32 0.88 0.00	31.90 1.42 -0.26	33.79 1.73 -0.57	35.26 1.90 -1.15	41.72 2.70 -1.02	51.59 2.47 -2.43	50.07 2.66 -2.36	36.99 1.74 -3.11	33.35 0.95 -2.67	29.98 0.47 -1.73	28.58 0.22 -0.51	27.58 0.22 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	21.30 1.09 0.00	19.96 0.97 0.00	19.17 0.93 0.00	19.05 0.99 0.00	18.89 0.93 0.00	19.15 0.91 0.00	22.71 1.16 0.00	24.81 1.32 0.00	25.80 1.53 0.00	25.93 1.56 0.00	29.24 1.73 0.00	30.56 2.32 0.00	31.80 2.36 0.00	34.06 2.33 -1.52	37.00 2.24 -3.27	41.39 2.54 -6.64	46.80 2.89 -5.91	64.67 3.78 -14.20	62.18 3.33 -13.79	52.83 2.47 -18.21	47.37 2.02 -15.63	39.59 1.72 -10.08	32.51 1.67 -2.99	29.11 1.72 -0.03
PEEKSKILL____ 23653	21.16 0.95 0.00	19.86 0.87 0.00	19.06 0.82 0.00	18.91 0.85 0.00	18.80 0.84 0.00	19.07 0.84 0.00	22.58 1.03 0.00	24.70 1.20 0.00	25.53 1.26 0.00	25.76 1.39 0.00	29.05 1.54 0.00	30.13 1.89 0.00	31.33 1.89 0.00	33.50 1.81 -1.47	36.31 1.64 -3.18	40.63 1.96 -6.46	45.84 2.09 -5.75	63.34 2.85 -13.81	60.89 2.43 -13.41	51.52 1.67 -17.71	46.29 1.37 -15.20	38.76 1.17 -9.81	32.06 1.31 -2.91	28.78 1.39 -0.03
PGE MADISON__WINDPWR 24146	22.05 1.84 0.00	20.68 1.69 0.00	19.75 1.51 0.00	19.52 1.46 0.00	19.41 1.45 0.00	19.93 1.70 0.00	23.75 2.20 0.00	26.86 3.36 0.00	27.52 3.25 0.00	27.74 3.36 0.00	31.58 3.57 -0.50	32.84 4.04 -0.56	34.05 3.97 -0.64	35.90 4.32 -1.36	36.62 3.12 -2.01	38.89 3.48 -3.20	46.26 4.71 -3.54	58.49 5.79 -6.02	56.99 5.90 -6.05	43.54 4.53 -6.87	39.32 3.98 -5.62	34.96 3.25 -3.92	32.28 3.06 -1.37	30.44 2.63 -0.46
PIERCEFIELD__HYD 23852	19.97 -0.24 0.00	18.74 -0.25 0.00	18.00 -0.24 0.00	17.81 -0.25 0.00	17.73 -0.23 0.00	17.98 -0.26 0.00	21.40 -0.15 0.00	23.36 -0.14 0.00	24.17 -0.10 0.00	24.35 -0.02 0.00	27.71 -0.03 -0.23	28.25 -0.25 -0.26	29.26 -0.47 -0.29	29.34 -1.24 -0.36	30.58 -1.32 -0.41	31.09 -1.55 -0.43	36.81 -1.90 -0.70	45.55 -1.68 -0.54	44.23 -1.44 -0.62	30.97 -1.48 -0.30	28.93 -0.92 -0.13	27.51 -0.50 -0.22	27.78 -0.22 -0.16	27.48 -0.08 -0.21
PINELAWN_CC_1 323563	21.79 1.58 0.00	20.37 1.39 0.00	19.48 1.24 0.00	19.27 1.21 0.00	19.23 1.28 0.00	19.60 1.37 0.00	23.25 1.70 0.00	25.07 1.57 0.00	25.99 1.72 0.00	26.25 1.88 0.00	29.63 2.12 0.00	29.99 1.75 0.00	31.15 1.71 0.00	33.34 1.63 -1.49	35.84 1.13 -3.21	40.18 1.45 -6.52	45.14 1.33 -5.80	62.27 2.01 -13.58	53.15 1.53 -6.57	41.41 1.06 -8.21	41.47 0.80 -10.95	34.43 0.75 -5.89	31.81 1.03 -2.94	28.67 1.29 -0.03
PJM_GEN_HTP_PROXY 323702	21.24 1.03 0.00	19.94 0.95 0.00	19.13 0.89 0.00	18.98 0.92 0.00	18.89 0.93 0.00	19.16 0.93 0.00	22.67 1.12 0.00	24.84 1.34 0.00	25.70 1.43 0.00	25.98 1.61 0.00	29.24 1.73 0.00	30.36 2.12 0.00	31.53 2.09 0.00	33.67 1.96 -1.49	36.44 1.73 -3.21	40.80 2.06 -6.52	45.98 2.17 -5.81	63.77 3.13 -13.96	61.17 2.57 -13.56	51.77 1.73 -17.89	46.48 1.40 -15.36	38.89 1.19 -9.91	32.26 1.47 -2.94	28.94 1.56 -0.03
PJM_GEN_KEystone 24065	20.84 0.63 0.00	19.54 0.55 0.00	18.71 0.47 0.00	18.51 0.45 0.00	18.35 0.39 0.00	18.80 0.57 0.00	22.15 0.60 0.00	24.16 0.66 0.00	24.97 0.70 0.00	25.03 0.66 0.00	28.34 0.66 -0.17	29.40 0.96 -0.20	30.67 1.00 -0.22	32.59 1.18 -1.19	34.99 1.20 -2.30	37.96 1.38 -4.36	43.76 1.63 -4.13	57.60 1.87 -9.04	55.57 1.67 -8.85	44.44 1.19 -11.11	40.06 0.74 -9.60	34.61 0.53 -6.30	30.40 0.61 -1.94	28.13 0.60 -0.18
PJM_GEN_NEPTUNE_PROXY 323594	21.47 1.25 0.00	20.09 1.10 0.00	19.22 0.98 0.00	19.03 0.97 0.00	18.98 1.02 0.00	19.31 1.08 0.00	22.91 1.36 0.00	24.74 1.24 0.00	25.65 1.38 0.00	25.93 1.56 0.00	29.21 1.71 0.00	29.74 1.50 0.00	30.90 1.47 0.01	33.06 1.36 -1.48	35.80 1.10 -3.21	40.18 1.45 -6.52	45.25 1.44 -5.80	62.65 2.10 -13.86	52.11 1.67 -5.39	39.81 1.09 -6.58	40.75 0.83 -10.20	33.69 0.69 -5.21	31.59 0.81 -2.93	28.39 1.01 -0.03
PJM_GEN_VFT_PROXY 323633	21.12 0.91 0.00	19.80 0.82 0.00	19.00 0.77 0.00	18.87 0.81 0.00	18.77 0.81 0.00	19.04 0.80 0.00	22.54 0.99 0.00	24.70 1.20 0.00	25.58 1.31 0.00	25.86 1.49 0.00	29.10 1.59 0.00	30.25 2.01 0.00	31.38 1.94 0.00	33.49 1.78 -1.49	36.22 1.51 -3.21	40.57 1.83 -6.52	45.67 1.86 -5.81	63.44 2.80 -13.96	60.85 2.25 -13.56	51.52 1.48 -17.89	46.27 1.19 -15.36	38.69 1.00 -9.91	32.09 1.31 -2.94	28.80 1.42 -0.03
PLATSBURG_115KV_PMLD1 355749	20.46 0.24 0.00	19.20 0.21 0.00	18.40 0.16 0.00	18.24 0.18 0.00	18.14 0.18 0.00	18.38 0.15 0.00	21.83 0.28 0.00	23.90 0.40 0.00	24.83 0.56 0.00	25.03 0.66 0.00	28.28 0.77 0.00	28.69 0.45 0.00	29.91 0.47 0.00	30.67 0.45 0.00	31.87 0.38 0.00	32.50 0.29 0.00	38.50 0.49 0.00	47.62 0.93 0.00	45.95 0.90 0.00	32.79 0.64 0.00	30.32 0.59 0.00	28.43 0.64 0.00	28.32 0.47 0.00	27.87 0.52 0.00
PLEASANTVLY__LBMP 24000	21.14 0.93 0.00	19.84 0.85 0.00	19.06 0.82 0.00	18.94 0.88 0.00	18.80 0.84 0.00	19.05 0.82 0.00	22.56 1.01 0.00	24.63 1.13 0.00	25.53 1.26 0.00	25.69 1.32 0.00	28.96 1.46 0.00	30.11 1.86 0.00	31.27 1.83 0.00	33.59 1.81 -1.56	36.53 1.67 -3.37	40.94 1.90 -6.83	46.14 2.05 -6.08	63.95 2.66 -14.61	61.49 2.25 -14.19	52.51 1.64 -18.73	47.14 1.34 -16.08	39.33 1.17 -10.37	32.20 1.28 -3.08	28.78 1.40 -0.03
PLSNTVLE_13_KV_13.8KVDIST 80602	21.24 1.03 0.00	19.92 0.93 0.00	19.13 0.89 0.00	19.03 0.98 0.00	18.87 0.92 0.00	19.15 0.91 0.00	22.67 1.12 0.00	24.79 1.29 0.00	25.75 1.48 0.00	25.88 1.51 0.00	29.18 1.68 0.00	30.36 2.12 0.00	31.53 2.09 0.00	33.80 2.09 -1.50	36.65 1.92 -3.24	40.94 2.16 -6.57	46.21 2.36 -5.85	63.87 3.13 -14.05	61.36 2.66 -13.65	52.06 1.90 -18.02	46.71 1.52 -15.47	39.10 1.33 -9.98	32.25 1.45 -2.96	28.91 1.53 -0.03

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	21.24 1.03 0.00	19.92 0.93 0.00	19.13 0.89 0.00	19.03 0.98 0.00	18.87 0.92 0.00	19.15 0.91 0.00	22.67 1.12 0.00	24.79 1.29 0.00	25.75 1.48 0.00	25.88 1.51 0.00	29.18 1.68 0.00	30.36 2.12 0.00	31.53 2.09 0.00	33.80 2.09 -1.50	36.65 1.92 -3.24	40.94 2.16 -6.57	46.21 2.36 -5.85	63.87 3.13 -14.05	61.36 2.66 -13.65	52.06 1.90 -18.02	46.71 1.52 -15.47	39.10 1.33 -9.98	32.25 1.45 -2.96	28.91 1.53 -0.03
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	21.24 1.03 0.00	19.90 0.91 0.00	19.13 0.89 0.00	19.02 0.96 0.00	18.87 0.92 0.00	19.13 0.89 0.00	22.65 1.10 0.00	24.74 1.25 0.00	25.70 1.43 0.00	25.83 1.46 0.00	29.13 1.62 0.00	30.33 2.09 0.00	31.56 2.12 0.00	33.87 2.09 -1.56	36.87 2.02 -3.36	41.31 2.29 -6.82	46.66 2.58 -6.07	64.67 3.41 -14.58	62.18 2.97 -14.16	53.02 2.19 -18.69	47.55 1.78 -16.05	39.64 1.50 -10.35	32.50 1.59 -3.07	29.05 1.67 -0.03
POLETTI____ 23519	21.24 1.03 0.00	19.92 0.93 0.00	19.13 0.89 0.00	19.05 0.99 0.00	18.89 0.93 0.00	19.15 0.91 0.00	22.65 1.10 0.00	24.79 1.29 0.00	25.77 1.50 0.00	25.96 1.58 0.00	29.18 1.68 0.00	30.39 2.15 0.00	31.56 2.12 0.00	33.73 2.02 -1.49	36.50 1.80 -3.21	40.76 2.03 -6.52	45.98 2.17 -5.81	63.67 3.03 -13.95	61.08 2.48 -13.55	51.77 1.74 -17.89	46.42 1.34 -15.36	38.89 1.19 -9.91	32.23 1.45 -2.94	28.89 1.50 -0.03
PORT_JEFF_3 23555	21.97 1.76 0.00	20.55 1.56 0.00	19.62 1.39 0.00	19.39 1.34 0.00	19.38 1.42 0.00	19.75 1.51 0.00	23.40 1.85 0.00	25.05 1.55 0.00	26.02 1.75 0.00	26.30 1.92 0.00	29.63 2.12 0.00	29.94 1.69 0.00	31.03 1.59 0.00	33.27 1.57 -1.49	36.06 1.35 -3.21	40.47 1.74 -6.52	45.70 1.90 -5.80	63.12 2.66 -13.78	53.11 2.16 -5.90	40.90 1.48 -7.28	41.34 1.10 -10.52	34.18 0.89 -5.50	31.70 0.92 -2.94	28.64 1.26 -0.03
PORT_JEFF_4 23616	21.97 1.76 0.00	20.55 1.56 0.00	19.62 1.39 0.00	19.39 1.34 0.00	19.38 1.42 0.00	19.75 1.51 0.00	23.40 1.85 0.00	25.05 1.55 0.00	26.02 1.75 0.00	26.30 1.92 0.00	29.63 2.12 0.00	29.94 1.69 0.00	31.03 1.59 0.00	33.27 1.57 -1.49	36.06 1.35 -3.21	40.47 1.74 -6.52	45.70 1.90 -5.80	63.12 2.66 -13.78	53.11 2.16 -5.90	40.90 1.48 -7.28	41.34 1.10 -10.52	34.18 0.89 -5.50	31.70 0.92 -2.94	28.64 1.26 -0.03
PORT_JEFF_IC 23713	22.03 1.82 0.00	20.58 1.60 0.00	19.66 1.42 0.00	19.43 1.37 0.00	19.41 1.45 0.00	19.78 1.55 0.00	23.44 1.90 0.00	25.10 1.60 0.00	26.06 1.80 0.00	26.32 1.95 0.00	29.71 2.20 0.00	29.99 1.75 0.00	31.09 1.65 0.00	33.33 1.63 -1.48	36.15 1.45 -3.21	40.57 1.83 -6.52	45.67 1.86 -5.80	63.08 2.61 -13.78	53.09 2.12 -5.93	40.91 1.45 -7.32	41.42 1.16 -10.54	34.25 0.95 -5.52	31.76 0.97 -2.94	28.70 1.31 -0.03
PPL PILGRIM_ST_GT1 24216	21.91 1.70 0.00	20.49 1.50 0.00	19.57 1.33 0.00	19.36 1.30 0.00	19.32 1.36 0.00	19.69 1.46 0.00	23.36 1.81 0.00	25.12 1.62 0.00	26.06 1.80 0.00	26.34 1.97 0.00	29.66 2.15 0.00	29.97 1.72 0.00	31.12 1.65 -0.03	33.37 1.63 -1.52	36.12 1.38 -3.24	40.56 1.80 -6.55	45.44 1.63 -5.80	62.84 2.38 -13.78	52.98 1.89 -6.04	40.90 1.29 -7.48	41.52 1.16 -10.64	34.35 0.95 -5.62	31.79 0.97 -2.97	28.67 1.29 -0.03
PPL PILGRIM_ST_GT2 24217	21.91 1.70 0.00	20.49 1.50 0.00	19.57 1.33 0.00	19.36 1.30 0.00	19.32 1.36 0.00	19.69 1.46 0.00	23.36 1.81 0.00	25.12 1.62 0.00	26.06 1.80 0.00	26.34 1.97 0.00	29.66 2.15 0.00	29.97 1.72 0.00	31.12 1.65 -0.03	33.37 1.63 -1.52	36.12 1.38 -3.24	40.56 1.80 -6.55	45.44 1.63 -5.80	62.84 2.38 -13.78	52.98 1.89 -6.04	40.90 1.29 -7.48	41.52 1.16 -10.64	34.35 0.95 -5.62	31.79 0.97 -2.97	28.67 1.29 -0.03
PPL_SHRM_GT3 24213	21.99 1.78 0.00	20.55 1.56 0.00	19.62 1.39 0.00	19.39 1.34 0.00	19.38 1.42 0.00	19.75 1.51 0.00	23.40 1.85 0.00	24.72 1.22 0.00	25.68 1.41 0.00	25.95 1.58 0.00	29.30 1.79 0.00	29.65 1.41 0.00	30.67 1.24 0.00	32.94 1.24 -1.49	35.74 1.04 -3.21	40.18 1.45 -6.52	45.55 1.75 -5.80	62.93 2.47 -13.78	52.99 2.03 -5.91	40.82 1.38 -7.30	41.08 0.83 -10.53	33.91 0.61 -5.51	31.42 0.64 -2.94	28.31 0.93 -0.03
PPL_SHRM_GT4 24214	21.99 1.78 0.00	20.55 1.56 0.00	19.62 1.39 0.00	19.39 1.34 0.00	19.38 1.42 0.00	19.75 1.51 0.00	23.40 1.85 0.00	24.72 1.22 0.00	25.68 1.41 0.00	25.95 1.58 0.00	29.30 1.79 0.00	29.65 1.41 0.00	30.67 1.24 0.00	32.94 1.24 -1.49	35.74 1.04 -3.21	40.18 1.45 -6.52	45.55 1.75 -5.80	62.93 2.47 -13.78	52.99 2.03 -5.91	40.82 1.38 -7.30	41.08 0.83 -10.53	33.91 0.61 -5.51	31.42 0.64 -2.94	28.31 0.93 -0.03
PROJECT____ORANGE 1 24174	20.31 0.10 0.00	19.05 0.06 0.00	18.27 0.04 0.00	18.06 0.00 0.00	17.98 0.02 0.00	18.33 0.09 0.00	21.63 0.09 0.00	23.55 0.05 0.00	24.29 0.02 0.00	24.37 0.00 0.00	28.12 0.00 -0.61	28.99 0.06 -0.69	30.38 0.15 -0.79	31.54 0.24 -1.08	33.23 0.38 -1.36	34.37 0.48 -1.68	41.07 0.72 -2.35	49.87 0.61 -2.58	48.43 0.63 -2.75	34.85 0.45 -2.26	31.65 0.33 -1.60	29.29 0.11 -1.40	28.57 0.06 -0.67	27.83 -0.08 -0.56
PROJECT____ORANGE 2 24166	20.31 0.10 0.00	19.05 0.06 0.00	18.27 0.04 0.00	18.06 0.00 0.00	17.98 0.02 0.00	18.33 0.09 0.00	21.63 0.09 0.00	23.55 0.05 0.00	24.29 0.02 0.00	24.37 0.00 0.00	28.12 0.00 -0.61	28.99 0.06 -0.69	30.38 0.15 -0.79	31.54 0.24 -1.08	33.23 0.38 -1.36	34.37 0.48 -1.68	41.07 0.72 -2.35	49.87 0.61 -2.58	48.43 0.63 -2.75	34.85 0.45 -2.26	31.65 0.33 -1.60	29.29 0.11 -1.40	28.57 0.06 -0.67	27.83 -0.08 -0.56
PUCKETT____SOLAR 323809	21.04 0.83 0.00	19.75 0.76 0.00	18.91 0.68 0.00	18.69 0.63 0.00	18.55 0.59 0.00	18.98 0.75 0.00	22.43 0.88 0.00	23.97 0.47 0.00	24.68 0.41 0.00	24.64 0.27 0.00	28.17 0.22 -0.44	29.11 0.37 -0.50	30.42 0.41 -0.57	32.00 0.57 -1.20	34.72 1.26 -1.97	36.85 1.42 -3.22	43.47 1.97 -3.49	55.17 2.33 -6.15	53.68 2.48 -6.15	41.17 1.90 -7.13	37.17 1.57 -5.88	33.06 1.22 -4.05	30.43 1.20 -1.39	28.75 0.98 -0.41
PYRITES____HYD 24023	20.11 -0.10 0.00	18.89 -0.09 0.00	18.13 -0.11 0.00	17.95 -0.11 0.00	17.87 -0.09 0.00	18.14 -0.09 0.00	21.59 0.04 0.00	23.59 0.09 0.00	24.41 0.15 0.00	24.62 0.24 0.00	28.02 0.30 -0.21	28.53 0.06 -0.23	29.68 -0.03 -0.27	29.73 -0.82 -0.33	30.98 -0.88 -0.37	31.54 -1.06 -0.39	37.39 -1.25 -0.64	46.24 -0.93 -0.49	44.93 -0.68 -0.56	31.49 -0.93 -0.28	29.46 -0.39 -0.12	27.93 -0.06 -0.20	28.10 0.11 -0.15	27.73 0.19 -0.19
QUAKERRD_115KV_BK1 80622	20.15 -0.06 0.00	18.84 -0.15 0.00	18.02 -0.22 0.00	17.75 -0.31 0.00	17.71 -0.25 0.00	18.16 -0.07 0.00	21.29 -0.26 0.00	23.22 -0.28 0.00	24.00 -0.27 0.00	24.05 -0.32 0.00	27.26 -0.25 0.00	28.07 -0.17 0.00	29.44 0.00 0.00	30.60 0.21 -0.17	32.33 0.47 -0.36	33.52 0.58 -0.74	39.61 0.95 -0.66	49.10 0.84 -1.57	47.61 1.04 -1.53	34.83 0.67 -2.02	31.75 0.30 -1.73	28.88 -0.03 -1.12	28.01 -0.17 -0.33	27.17 -0.19 0.00

QUENSBRY_I15KV_TB8 356137	21.41 1.19 0.00	20.05 1.06 0.00	19.24 1.00 0.00	19.09 1.03 0.00	18.96 1.01 0.00	19.26 1.02 0.00	22.84 1.29 0.00	24.93 1.43 0.00	25.80 1.53 0.00	25.83 1.46 0.00	29.05 1.54 0.00	30.30 2.06 0.00	31.68 2.24 0.00	37.50 2.54 -4.74	44.09 2.77 -9.83	54.79 2.64 -19.95	59.14 3.38 -17.76	92.42 4.72 -41.02	89.53 4.64 -39.84	88.01 3.28 -52.59	77.88 3.00 -45.15	59.61 2.70 -29.13	38.99 2.51 -8.64	29.82 2.38 -0.08
RAMAPO____LBMP 323565	21.12 0.91 0.00	19.81 0.82 0.00	19.02 0.78 0.00	18.89 0.83 0.00	18.73 0.77 0.00	19.04 0.80 0.00	22.54 0.99 0.00	24.65 1.15 0.00	25.53 1.26 0.00	25.66 1.29 0.00	28.91 1.40 0.00	30.08 1.84 0.00	31.24 1.80 0.00	33.43 1.78 -1.43	36.18 1.61 -3.08	40.34 1.87 -6.26	45.59 2.01 -5.57	62.78 2.71 -13.39	60.26 2.21 -13.01	50.89 1.57 -17.17	45.71 1.25 -14.74	38.38 1.08 -9.51	31.83 1.17 -2.82	28.64 1.26 -0.03
RANKINE____ 23646	20.96 0.75 0.00	19.67 0.68 0.00	18.77 0.53 0.00	18.38 0.33 0.00	18.35 0.40 0.00	18.95 0.71 0.00	22.04 0.50 0.00	23.94 0.45 0.00	24.88 0.61 0.00	24.79 0.41 0.00	27.95 0.44 0.00	28.84 0.59 0.00	30.56 1.12 0.00	32.10 1.63 -0.25	34.06 2.02 -0.55	35.52 2.19 -1.12	42.04 3.04 -0.99	51.89 2.85 -2.36	50.36 3.02 -2.29	37.19 2.02 -3.02	33.50 1.19 -2.59	30.18 0.72 -1.67	28.84 0.50 -0.50	27.93 0.57 0.00
RAVENSWOOD_GT2_1 24244	21.28 1.07 0.00	19.96 0.97 0.00	19.17 0.93 0.00	19.01 0.96 0.00	18.93 0.97 0.00	19.18 0.95 0.00	22.67 1.12 0.00	24.84 1.34 0.00	25.70 1.43 0.00	25.98 1.61 0.00	29.27 1.76 0.00	30.36 2.12 0.00	31.56 2.12 0.00	33.70 1.99 -1.49	36.47 1.76 -3.21	40.82 2.09 -6.52	45.98 2.17 -5.81	63.77 3.13 -13.96	61.22 2.61 -13.56	51.77 1.73 -17.89	46.51 1.43 -15.36	38.92 1.22 -9.91	32.29 1.50 -2.94	29.00 1.61 -0.03
RAVENSWOOD_GT2_2 24245	21.28 1.07 0.00	19.96 0.97 0.00	19.17 0.93 0.00	19.01 0.96 0.00	18.93 0.97 0.00	19.18 0.95 0.00	22.67 1.12 0.00	24.84 1.34 0.00	25.70 1.43 0.00	25.98 1.61 0.00	29.27 1.76 0.00	30.36 2.12 0.00	31.56 2.12 0.00	33.70 1.99 -1.49	36.47 1.76 -3.21	40.82 2.09 -6.52	45.98 2.17 -5.81	63.77 3.13 -13.96	61.22 2.61 -13.56	51.77 1.73 -17.89	46.51 1.43 -15.36	38.92 1.22 -9.91	32.29 1.50 -2.94	29.00 1.61 -0.03
RAVENSWOOD_GT2_3 24246	21.28 1.07 0.00	19.98 0.99 0.00	19.17 0.93 0.00	19.01 0.96 0.00	18.93 0.97 0.00	19.18 0.95 0.00	22.69 1.14 0.00	24.86 1.36 0.00	25.72 1.46 0.00	26.00 1.63 0.00	29.27 1.76 0.00	30.39 2.15 0.00	31.56 2.12 0.00	33.70 1.99 -1.49	36.47 1.76 -3.21	40.82 2.09 -6.52	46.01 2.20 -5.81	63.81 3.18 -13.96	61.22 2.61 -13.56	51.80 1.77 -17.89	46.51 1.43 -15.36	38.92 1.22 -9.91	32.31 1.53 -2.94	29.00 1.61 -0.03
RAVENSWOOD_GT2_4 24247	21.28 1.07 0.00	19.98 0.99 0.00	19.17 0.93 0.00	19.01 0.96 0.00	18.93 0.97 0.00	19.18 0.95 0.00	22.69 1.14 0.00	24.86 1.36 0.00	25.72 1.46 0.00	26.00 1.63 0.00	29.27 1.76 0.00	30.39 2.15 0.00	31.56 2.12 0.00	33.70 1.99 -1.49	36.47 1.76 -3.21	40.82 2.09 -6.52	46.01 2.20 -5.81	63.81 3.18 -13.96	61.22 2.61 -13.56	51.80 1.77 -17.89	46.51 1.43 -15.36	38.92 1.22 -9.91	32.31 1.53 -2.94	29.00 1.61 -0.03
RAVENSWOOD_GT3_1 24248	21.26 1.05 0.00	19.96 0.97 0.00	19.15 0.91 0.00	19.01 0.96 0.00	18.93 0.97 0.00	19.18 0.95 0.00	22.67 1.12 0.00	24.84 1.34 0.00	25.70 1.43 0.00	25.98 1.61 0.00	29.27 1.76 0.00	30.36 2.12 0.00	31.56 2.12 0.00	33.70 1.99 -1.49	36.47 1.76 -3.21	40.82 2.09 -6.52	45.98 2.17 -5.81	63.77 3.13 -13.96	61.22 2.61 -13.56	51.77 1.73 -17.89	46.51 1.43 -15.36	38.92 1.22 -9.91	32.29 1.50 -2.94	29.00 1.61 -0.03
RAVENSWOOD_GT3_2 24249	21.26 1.05 0.00	19.96 0.97 0.00	19.15 0.91 0.00	19.01 0.96 0.00	18.93 0.97 0.00	19.18 0.95 0.00	22.67 1.12 0.00	24.84 1.34 0.00	25.70 1.43 0.00	25.98 1.61 0.00	29.27 1.76 0.00	30.36 2.12 0.00	31.56 2.12 0.00	33.70 1.99 -1.49	36.47 1.76 -3.21	40.82 2.09 -6.52	45.98 2.17 -5.81	63.77 3.13 -13.96	61.22 2.61 -13.56	51.77 1.73 -17.89	46.51 1.43 -15.36	38.92 1.22 -9.91	32.29 1.50 -2.94	29.00 1.61 -0.03
RAVENSWOOD_GT3_3 24250	21.30 1.09 0.00	19.98 0.99 0.00	19.18 0.95 0.00	19.11 1.05 0.00	18.95 0.99 0.00	19.20 0.97 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.87 1.60 0.00	26.03 1.66 0.00	29.29 1.79 0.00	30.50 2.26 0.00	31.68 2.24 0.00	33.88 2.18 -1.49	36.66 1.95 -3.21	40.92 2.19 -6.52	46.17 2.36 -5.81	63.91 3.27 -13.95	61.31 2.70 -13.55	51.93 1.90 -17.89	46.57 1.49 -15.36	39.00 1.31 -9.91	32.34 1.56 -2.94	29.02 1.64 -0.03
RAVENSWOOD_GT3_4 24251	21.30 1.09 0.00	19.98 0.99 0.00	19.18 0.95 0.00	19.03 0.97 0.00	18.95 0.99 0.00	19.20 0.97 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.75 1.48 0.00	26.03 1.66 0.00	29.29 1.79 0.00	30.42 2.17 0.00	31.59 2.15 0.00	33.76 2.06 -1.49	36.50 1.79 -3.21	40.89 2.16 -6.52	46.05 2.24 -5.81	63.86 3.22 -13.96	61.31 2.70 -13.56	51.83 1.80 -17.89	46.54 1.46 -15.36	38.95 1.25 -9.91	32.34 1.56 -2.94	29.02 1.64 -0.03
RAVENSWOOD_GT_1 23729	21.35 1.13 0.00	20.03 1.04 0.00	19.22 0.98 0.00	19.07 1.01 0.00	19.00 1.04 0.00	19.22 0.98 0.00	22.67 1.12 0.00	24.84 1.34 0.00	25.75 1.48 0.00	26.03 1.66 0.00	29.32 1.82 0.00	30.45 2.20 0.00	31.59 2.15 0.00	33.76 2.06 -1.49	36.47 1.76 -3.21	40.82 2.09 -6.52	45.94 2.13 -5.81	63.77 3.13 -13.96	61.17 2.57 -13.56	51.71 1.67 -17.89	46.45 1.37 -15.36	38.89 1.19 -9.91	32.43 1.64 -2.94	29.11 1.72 -0.03
RAVENSWOOD_GT_10 24258	21.26 1.05 0.00	19.96 0.97 0.00	19.15 0.91 0.00	19.07 1.01 0.00	18.91 0.95 0.00	19.18 0.95 0.00	22.69 1.14 0.00	24.84 1.34 0.00	25.82 1.55 0.00	26.00 1.63 0.00	29.27 1.76 0.00	30.47 2.23 0.00	31.65 2.21 0.00	33.82 2.12 -1.49	36.60 1.89 -3.21	40.86 2.13 -6.52	46.13 2.32 -5.81	63.81 3.17 -13.95	61.22 2.61 -13.55	51.87 1.83 -17.89	46.51 1.43 -15.36	38.97 1.28 -9.91	32.29 1.50 -2.94	28.97 1.59 -0.03
RAVENSWOOD_GT_11 24259	21.26 1.05 0.00	19.96 0.97 0.00	19.15 0.91 0.00	19.01 0.96 0.00	18.91 0.95 0.00	19.18 0.95 0.00	22.67 1.12 0.00	24.84 1.34 0.00	25.70 1.43 0.00	25.98 1.61 0.00	29.27 1.76 0.00	30.36 2.12 0.00	31.56 2.12 0.00	33.70 1.99 -1.49	36.47 1.76 -3.21	40.82 2.09 -6.52	45.98 2.17 -5.81	63.77 3.13 -13.96	61.22 2.61 -13.56	51.77 1.73 -17.89	46.51 1.43 -15.36	38.92 1.22 -9.91	32.29 1.50 -2.94	29.00 1.61 -0.03
RAVENSWOOD_GT_4 24252	21.26 1.05 0.00	19.96 0.97 0.00	19.15 0.91 0.00	19.07 1.01 0.00	18.91 0.95 0.00	19.18 0.95 0.00	22.69 1.14 0.00	24.86 1.36 0.00	25.85 1.58 0.00	26.00 1.63 0.00	29.27 1.76 0.00	30.47 2.23 0.00	31.65 2.21 0.00	33.82 2.12 -1.49	36.60 1.89 -3.21	40.89 2.16 -6.52	46.13 2.32 -5.81	63.86 3.22 -13.95	61.26 2.66 -13.55	51.90 1.86 -17.89	46.54 1.46 -15.36	38.97 1.28 -9.91	32.29 1.50 -2.94	28.97 1.59 -0.03

RAVENSWOOD_GT_5 24254	21.26 1.05 0.00	19.96 0.97 0.00	19.15 0.91 0.00	19.07 1.01 0.00	18.91 0.95 0.00	19.18 0.95 0.00	22.69 1.14 0.00	24.86 1.36 0.00	25.85 1.58 0.00	26.00 1.63 0.00	29.27 1.76 0.00	30.47 2.23 0.00	31.65 2.21 0.00	33.82 2.12 -1.49	36.60 1.89 -3.21	40.89 2.16 -6.52	46.13 2.32 -5.81	63.86 3.22 -13.95	61.26 2.66 -13.55	51.90 1.86 -17.89	46.54 1.46 -15.36	38.97 1.28 -9.91	32.29 1.50 -2.94	28.97 1.59 -0.03
RAVENSWOOD_GT_6 24253	21.26 1.05 0.00	19.96 0.97 0.00	19.15 0.91 0.00	19.07 1.01 0.00	18.91 0.95 0.00	19.18 0.95 0.00	22.69 1.14 0.00	24.86 1.36 0.00	25.85 1.58 0.00	26.00 1.63 0.00	29.27 1.76 0.00	30.47 2.23 0.00	31.65 2.21 0.00	33.82 2.12 -1.49	36.60 1.89 -3.21	40.89 2.16 -6.52	46.13 2.32 -5.81	63.86 3.22 -13.95	61.26 2.66 -13.55	51.90 1.86 -17.89	46.54 1.46 -15.36	38.97 1.28 -9.91	32.29 1.50 -2.94	28.97 1.59 -0.03
RAVENSWOOD_GT_7 24255	21.26 1.05 0.00	19.96 0.97 0.00	19.15 0.91 0.00	19.07 1.01 0.00	18.91 0.95 0.00	19.18 0.95 0.00	22.69 1.14 0.00	24.86 1.36 0.00	25.85 1.58 0.00	26.00 1.63 0.00	29.27 1.76 0.00	30.47 2.23 0.00	31.65 2.21 0.00	33.82 2.12 -1.49	36.60 1.89 -3.21	40.89 2.16 -6.52	46.13 2.32 -5.81	63.86 3.22 -13.95	61.26 2.66 -13.55	51.90 1.86 -17.89	46.54 1.46 -15.36	38.97 1.28 -9.91	32.29 1.50 -2.94	28.97 1.59 -0.03
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	21.26 1.05 0.00	19.96 0.97 0.00	19.15 0.91 0.00	19.07 1.01 0.00	18.91 0.95 0.00	19.18 0.95 0.00	22.69 1.14 0.00	24.84 1.34 0.00	25.82 1.55 0.00	26.00 1.63 0.00	29.27 1.76 0.00	30.47 2.23 0.00	31.65 2.21 0.00	33.82 2.12 -1.49	36.60 1.89 -3.21	40.86 2.13 -6.52	46.13 2.32 -5.81	63.81 3.17 -13.95	61.22 2.61 -13.55	51.87 1.83 -17.89	46.51 1.43 -15.36	38.97 1.28 -9.91	32.29 1.50 -2.94	28.97 1.59 -0.03
RAVENSWOOD_GT_9 24257	21.26 1.05 0.00	19.96 0.97 0.00	19.15 0.91 0.00	19.01 0.96 0.00	18.91 0.95 0.00	19.18 0.95 0.00	22.67 1.12 0.00	24.84 1.34 0.00	25.70 1.43 0.00	25.98 1.61 0.00	29.27 1.76 0.00	30.36 2.12 0.00	31.56 2.12 0.00	33.70 1.99 -1.49	36.47 1.76 -3.21	40.82 2.09 -6.52	45.98 2.17 -5.81	63.77 3.13 -13.96	61.22 2.61 -13.56	51.77 1.73 -17.89	46.51 1.43 -15.36	38.92 1.22 -9.91	32.29 1.50 -2.94	29.00 1.61 -0.03
RAVENSWOOD___1 23533	21.34 1.13 0.00	20.01 1.02 0.00	19.20 0.97 0.00	19.05 0.99 0.00	19.00 1.04 0.00	19.20 0.97 0.00	22.65 1.10 0.00	24.84 1.34 0.00	25.72 1.46 0.00	26.00 1.63 0.00	29.29 1.79 0.00	30.42 2.17 0.00	31.56 2.12 0.00	33.73 2.02 -1.49	36.44 1.73 -3.21	40.80 2.06 -6.52	45.90 2.09 -5.81	63.72 3.08 -13.96	61.12 2.52 -13.56	51.71 1.67 -17.89	46.42 1.34 -15.36	38.86 1.17 -9.91	32.40 1.61 -2.94	29.08 1.70 -0.03
RAVENSWOOD___2 23534	21.32 1.11 0.00	19.99 1.01 0.00	19.18 0.95 0.00	19.05 0.99 0.00	18.98 1.02 0.00	19.20 0.97 0.00	22.65 1.10 0.00	24.81 1.32 0.00	25.70 1.43 0.00	26.00 1.63 0.00	29.27 1.76 0.00	30.39 2.15 0.00	31.56 2.12 0.00	33.70 1.99 -1.49	36.44 1.73 -3.21	40.76 2.03 -6.52	45.90 2.09 -5.81	63.72 3.08 -13.96	61.12 2.52 -13.56	51.67 1.64 -17.89	46.42 1.34 -15.36	38.86 1.17 -9.91	32.40 1.61 -2.94	29.08 1.70 -0.03
RAVENSWOOD___3 23535	21.28 1.07 0.00	19.96 0.97 0.00	19.17 0.93 0.00	19.01 0.96 0.00	18.93 0.97 0.00	19.18 0.95 0.00	22.69 1.14 0.00	24.84 1.34 0.00	25.72 1.46 0.00	26.00 1.63 0.00	29.27 1.76 0.00	30.39 2.15 0.00	31.56 2.12 0.00	33.70 1.99 -1.49	36.47 1.76 -3.21	40.82 2.09 -6.52	45.98 2.17 -5.81	63.77 3.13 -13.96	61.22 2.61 -13.56	51.77 1.73 -17.89	46.51 1.43 -15.36	38.92 1.22 -9.91	32.31 1.53 -2.94	29.00 1.61 -0.03
RAVENSWOOD___4 23820	21.32 1.11 0.00	19.99 1.01 0.00	19.18 0.95 0.00	19.05 0.99 0.00	18.98 1.02 0.00	19.18 0.95 0.00	22.65 1.10 0.00	24.81 1.32 0.00	25.70 1.43 0.00	25.98 1.61 0.00	29.27 1.76 0.00	30.39 2.15 0.00	31.53 2.09 0.00	33.70 1.99 -1.49	36.41 1.70 -3.21	40.76 2.03 -6.52	45.90 2.09 -5.81	63.72 3.08 -13.96	61.08 2.48 -13.56	51.67 1.64 -17.89	46.39 1.31 -15.36	38.84 1.14 -9.91	32.37 1.59 -2.94	29.08 1.70 -0.03
RCPL_TRUST___DRP 24196	21.30 1.09 0.00	19.96 0.97 0.00	19.17 0.93 0.00	19.07 1.01 0.00	18.93 0.97 0.00	19.18 0.95 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.87 1.60 0.00	26.05 1.68 0.00	29.29 1.79 0.00	30.50 2.26 0.00	31.71 2.27 0.00	33.88 2.18 -1.49	36.63 1.92 -3.21	40.92 2.19 -6.52	46.21 2.39 -5.81	63.91 3.27 -13.95	61.35 2.75 -13.55	51.93 1.90 -17.89	46.54 1.46 -15.36	39.00 1.31 -9.91	32.32 1.53 -2.94	29.00 1.61 -0.03
RED___ROCHESTER 323720	20.88 0.67 0.00	19.48 0.49 0.00	18.62 0.38 0.00	18.38 0.33 0.00	18.30 0.34 0.00	18.80 0.57 0.00	22.00 0.45 0.00	23.94 0.45 0.00	24.78 0.51 0.00	24.79 0.41 0.00	28.17 0.66 0.00	29.15 0.90 0.00	30.47 1.03 0.00	31.75 1.36 -0.17	33.63 1.76 -0.38	34.87 1.90 -0.76	41.27 2.59 -0.68	50.97 2.66 -1.63	49.56 2.93 -1.58	36.29 2.06 -2.09	32.88 1.37 -1.80	29.89 0.95 -1.16	29.13 0.95 -0.34	28.15 0.79 0.00
REGAN___SOLAR 323812	22.21 2.00 0.00	20.77 1.78 0.00	19.91 1.68 0.00	19.76 1.70 0.00	19.65 1.69 0.00	20.00 1.77 0.00	23.77 2.22 0.00	25.90 2.40 0.00	26.65 2.38 0.00	26.59 2.22 0.00	29.98 2.48 0.00	31.52 3.27 0.00	32.45 3.00 0.00	38.00 3.32 -4.46	44.76 4.00 -9.27	55.40 4.38 -18.81	59.99 5.25 -16.74	91.89 6.72 -38.48	89.36 6.93 -37.38	86.56 5.08 -49.34	76.59 4.52 -42.36	59.17 4.06 -27.33	39.60 3.65 -8.11	31.04 3.61 -0.08
RENSSELAER___COGEN 23796	20.62 0.40 0.00	19.43 0.44 0.00	18.71 0.47 0.00	18.55 0.49 0.00	18.44 0.49 0.00	18.65 0.42 0.00	22.00 0.45 0.00	23.94 0.45 0.00	24.66 0.39 0.00	24.83 0.46 0.00	28.06 0.55 0.00	29.12 0.88 0.00	30.35 0.91 0.00	34.50 0.97 -3.31	39.04 1.01 -6.54	46.50 1.03 -13.27	50.92 1.10 -11.81	76.20 1.31 -28.21	73.66 1.22 -27.40	69.18 0.87 -36.17	61.57 0.80 -31.05	48.57 0.75 -20.03	34.62 0.83 -5.94	28.26 0.85 -0.06
REPUBLIC_115KV_BARTNBRK 55605	22.50 2.28 0.00	20.98 1.99 0.00	20.10 1.86 0.00	19.95 1.90 0.00	19.84 1.89 0.00	20.22 1.99 0.00	24.05 2.50 0.00	26.32 2.82 0.00	27.25 2.99 0.00	27.13 2.75 0.00	30.53 3.03 0.00	32.31 4.07 0.00	33.92 4.48 0.00	39.96 5.02 -4.73	47.02 5.73 -9.79	57.59 5.51 -19.87	62.80 7.11 -17.69	96.44 8.87 -40.89	93.46 8.69 -39.72	90.71 6.14 -52.43	80.32 5.59 -45.01	62.07 5.25 -29.04	41.19 4.73 -8.62	31.84 4.40 -0.08
REVERE_CPPR_DRP 24186	20.94 0.73 0.00	19.65 0.66 0.00	18.82 0.58 0.00	18.60 0.54 0.00	18.52 0.56 0.00	18.91 0.67 0.00	22.47 0.93 0.00	24.49 0.99 0.00	25.26 1.00 0.00	25.40 1.02 0.00	28.98 1.16 -0.32	29.87 1.27 -0.36	31.26 1.41 -0.41	32.13 1.42 -0.49	33.67 1.61 -0.57	34.54 1.74 -0.59	41.44 2.47 -0.97	50.33 2.89 -0.75	48.88 2.97 -0.86	34.65 2.09 -0.42	31.81 1.90 -0.18	29.59 1.50 -0.31	29.49 1.42 -0.22	28.82 1.18 -0.29

REYNOLDS_115KV_TB3 80639	20.82 0.61 0.00	19.60 0.61 0.00	18.86 0.62 0.00	18.71 0.65 0.00	18.59 0.63 0.00	18.82 0.58 0.00	22.24 0.69 0.00	24.16 0.66 0.00	24.95 0.68 0.00	25.05 0.68 0.00	28.33 0.83 0.00	29.43 1.19 0.00	30.62 1.18 0.00	34.95 1.27 -3.46	39.79 1.32 -6.98	47.73 1.35 -14.17	52.10 1.48 -12.61	78.26 1.73 -29.84	75.66 1.62 -28.99	71.57 1.16 -38.27	63.64 1.07 -32.85	49.98 1.00 -21.19	35.25 1.11 -6.29	28.56 1.15 -0.06
RIVERBAY____ 323610	21.65 1.44 0.00	20.30 1.31 0.00	19.48 1.24 0.00	19.44 1.37 -0.01	19.30 1.33 -0.01	19.44 1.20 0.00	22.80 1.25 0.00	24.98 1.48 0.00	26.02 1.75 0.00	26.20 1.83 0.00	29.46 1.95 0.00	30.84 2.60 0.00	32.06 2.62 0.00	34.12 2.42 -1.49	36.85 2.14 -3.21	41.08 2.35 -6.52	46.32 2.51 -5.81	64.23 3.59 -13.95	61.58 2.97 -13.55	52.09 2.06 -17.89	46.69 1.60 -15.36	39.14 1.44 -9.91	32.82 2.03 -2.94	29.50 2.11 -0.04
RIVERSDE_115KV_TB3 55908	20.74 0.53 0.00	19.54 0.55 0.00	18.78 0.55 0.00	18.64 0.58 0.00	18.52 0.56 0.00	18.74 0.51 0.00	22.15 0.60 0.00	24.06 0.56 0.00	24.85 0.58 0.00	24.96 0.58 0.00	28.19 0.69 0.00	29.32 1.07 0.00	30.53 1.09 0.00	34.86 1.15 -3.50	39.73 1.23 -7.01	47.69 1.26 -14.22	52.03 1.37 -12.66	78.26 1.59 -29.99	75.66 1.49 -29.13	71.69 1.09 -38.45	63.71 0.98 -33.01	50.00 0.92 -21.30	35.17 1.00 -6.32	28.45 1.04 -0.06
ROARING____BROOK_WT_PWR 323790	19.91 -0.30 0.00	18.70 -0.28 0.00	17.96 -0.27 0.00	17.79 -0.27 0.00	17.69 -0.27 0.00	17.94 -0.29 0.00	21.22 -0.32 0.00	23.19 -0.31 0.00	23.98 -0.29 0.00	24.08 -0.29 0.00	27.20 -0.30 0.00	27.79 -0.45 0.00	28.94 -0.50 0.00	29.58 -0.64 0.00	30.80 -0.69 0.00	31.43 -0.77 0.00	37.05 -0.95 0.00	45.70 -0.98 0.00	44.06 -0.99 0.00	31.34 -0.80 0.00	29.04 -0.68 0.00	27.26 -0.53 0.00	27.26 -0.59 0.00	26.86 -0.49 0.00
ROCHESRG_115KV_T4 355643	20.62 0.40 0.00	19.25 0.27 0.00	18.42 0.18 0.00	18.13 0.07 0.00	18.08 0.13 0.00	18.58 0.35 0.00	21.70 0.15 0.00	23.64 0.14 0.00	24.44 0.17 0.00	24.47 0.10 0.00	27.75 0.25 0.00	28.58 0.34 0.00	30.03 0.59 0.00	31.27 0.88 -0.17	33.06 1.20 -0.37	34.29 1.32 -0.76	40.58 1.90 -0.68	50.26 1.96 -1.62	48.74 2.12 -1.57	35.67 1.45 -2.08	32.43 0.92 -1.78	29.49 0.56 -1.15	28.60 0.42 -0.34	27.79 0.44 0.00
ROCHESTER_9_IC 23652	20.76 0.55 0.00	19.39 0.40 0.00	18.53 0.29 0.00	18.24 0.18 0.00	18.21 0.25 0.00	18.69 0.46 0.00	21.83 0.28 0.00	23.80 0.31 0.00	24.61 0.34 0.00	24.64 0.27 0.00	27.97 0.47 0.00	28.81 0.56 0.00	30.27 0.82 0.00	31.54 1.15 -0.17	33.38 1.51 -0.38	34.62 1.64 -0.76	40.96 2.28 -0.68	50.74 2.43 -1.63	49.25 2.61 -1.59	36.00 1.77 -2.09	32.71 1.19 -1.80	29.72 0.78 -1.16	28.83 0.64 -0.34	27.99 0.63 0.00
ROCKVIEW_13_KV_LD 356306	21.28 1.07 0.00	19.96 0.97 0.00	19.15 0.91 0.00	19.05 0.99 0.00	18.91 0.95 0.00	19.18 0.95 0.00	22.71 1.16 0.00	24.86 1.36 0.00	25.85 1.58 0.00	26.00 1.63 0.00	29.29 1.79 0.00	30.47 2.23 0.00	31.68 2.24 0.00	33.91 2.21 -1.49	36.72 2.02 -3.21	41.02 2.29 -6.52	46.32 2.51 -5.81	64.00 3.36 -13.96	61.44 2.84 -13.56	52.03 1.99 -17.89	46.69 1.60 -15.36	39.11 1.42 -9.91	32.29 1.50 -2.94	28.97 1.59 -0.03
ROME____115KV_TB2 80656	20.94 0.73 0.00	19.65 0.66 0.00	18.82 0.58 0.00	18.60 0.54 0.00	18.52 0.56 0.00	18.91 0.67 0.00	22.47 0.93 0.00	24.49 0.99 0.00	25.26 1.00 0.00	25.40 1.02 0.00	28.98 1.16 -0.32	29.87 1.27 -0.36	31.26 1.41 -0.41	32.13 1.42 -0.49	33.67 1.61 -0.57	34.54 1.74 -0.59	41.44 2.47 -0.97	50.33 2.89 -0.75	48.88 2.97 -0.86	34.65 2.09 -0.42	31.81 1.90 -0.18	29.59 1.50 -0.31	29.49 1.42 -0.22	28.82 1.18 -0.29
ROSETON____1 23587	21.12 0.91 0.00	19.82 0.83 0.00	19.04 0.80 0.00	18.89 0.83 0.00	18.79 0.83 0.00	19.06 0.82 0.00	22.54 0.99 0.00	24.63 1.13 0.00	25.46 1.19 0.00	25.66 1.29 0.00	28.96 1.46 0.00	30.02 1.78 0.00	31.21 1.77 0.00	33.42 1.72 -1.48	36.25 1.57 -3.19	40.54 1.87 -6.47	45.74 1.97 -5.76	63.22 2.71 -13.83	60.78 2.30 -13.44	51.49 1.61 -17.74	46.29 1.34 -15.23	38.75 1.14 -9.82	32.04 1.28 -2.92	28.75 1.37 -0.03
ROSETON____2 23588	21.12 0.91 0.00	19.82 0.83 0.00	19.04 0.80 0.00	18.89 0.83 0.00	18.79 0.83 0.00	19.06 0.82 0.00	22.54 0.99 0.00	24.63 1.13 0.00	25.46 1.19 0.00	25.66 1.29 0.00	28.96 1.46 0.00	30.02 1.78 0.00	31.21 1.77 0.00	33.42 1.72 -1.48	36.25 1.57 -3.19	40.54 1.87 -6.47	45.74 1.97 -5.76	63.22 2.71 -13.83	60.78 2.30 -13.44	51.49 1.61 -17.74	46.29 1.34 -15.23	38.75 1.14 -9.82	32.04 1.28 -2.92	28.75 1.37 -0.03
ROTTSDAM_115KV_TB3 80664	20.96 0.75 0.00	19.69 0.70 0.00	18.93 0.69 0.00	18.76 0.70 0.00	18.66 0.70 0.00	18.89 0.66 0.00	22.37 0.82 0.00	24.37 0.87 0.00	25.19 0.92 0.00	25.27 0.90 0.00	28.52 1.02 0.00	29.60 1.36 0.00	30.83 1.38 0.00	36.68 1.45 -5.01	43.45 1.54 -10.41	54.95 1.61 -21.13	58.71 1.90 -18.81	92.15 2.29 -43.17	89.19 2.21 -41.94	89.08 1.57 -55.36	78.70 1.46 -47.53	59.75 1.31 -30.66	38.28 1.34 -9.10	28.75 1.31 -0.09
RUSSELL____1 23602	20.88 0.67 0.00	19.48 0.49 0.00	18.62 0.38 0.00	18.33 0.27 0.00	18.30 0.34 0.00	18.80 0.57 0.00	21.94 0.39 0.00	23.94 0.45 0.00	24.75 0.49 0.00	24.79 0.41 0.00	28.17 0.66 0.00	29.00 0.76 0.00	30.50 1.06 0.00	31.75 1.36 -0.17	33.63 1.76 -0.38	34.87 1.90 -0.76	41.31 2.62 -0.68	51.12 2.80 -1.63	49.65 3.02 -1.59	36.29 2.06 -2.09	32.95 1.43 -1.80	29.95 1.00 -1.16	29.02 0.84 -0.34	28.18 0.82 0.00
RUSSELL____2 23532	20.88 0.67 0.00	19.48 0.49 0.00	18.62 0.38 0.00	18.33 0.27 0.00	18.30 0.34 0.00	18.80 0.57 0.00	21.94 0.39 0.00	23.94 0.45 0.00	24.75 0.49 0.00	24.79 0.41 0.00	28.17 0.66 0.00	29.00 0.76 0.00	30.50 1.06 0.00	31.75 1.36 -0.17	33.63 1.76 -0.38	34.87 1.90 -0.76	41.31 2.62 -0.68	51.12 2.80 -1.63	49.65 3.02 -1.59	36.29 2.06 -2.09	32.95 1.43 -1.80	29.95 1.00 -1.16	29.02 0.84 -0.34	28.18 0.82 0.00
RUSSELL____3 23549	20.88 0.67 0.00	19.48 0.49 0.00	18.62 0.38 0.00	18.33 0.27 0.00	18.30 0.34 0.00	18.80 0.57 0.00	21.94 0.39 0.00	23.94 0.45 0.00	24.75 0.49 0.00	24.79 0.41 0.00	28.17 0.66 0.00	29.00 0.76 0.00	30.50 1.06 0.00	31.75 1.36 -0.17	33.63 1.76 -0.38	34.87 1.90 -0.76	41.31 2.62 -0.68	51.12 2.80 -1.63	49.65 3.02 -1.59	36.29 2.06 -2.09	32.95 1.43 -1.80	29.95 1.00 -1.16	29.02 0.84 -0.34	28.18 0.82 0.00
RUSSELL____4 23556	20.88 0.67 0.00	19.48 0.49 0.00	18.62 0.38 0.00	18.33 0.27 0.00	18.30 0.34 0.00	18.80 0.57 0.00	21.94 0.39 0.00	23.94 0.45 0.00	24.75 0.49 0.00	24.79 0.41 0.00	28.17 0.66 0.00	29.00 0.76 0.00	30.50 1.06 0.00	31.75 1.36 -0.17	33.63 1.76 -0.38	34.87 1.90 -0.76	41.31 2.62 -0.68	51.12 2.80 -1.63	49.65 3.02 -1.59	36.29 2.06 -2.09	32.95 1.43 -1.80	29.95 1.00 -1.16	29.02 0.84 -0.34	28.18 0.82 0.00

RUSSELL___STATION 23914	20.88 0.67 0.00	19.48 0.49 0.00	18.62 0.38 0.00	18.33 0.27 0.00	18.30 0.34 0.00	18.80 0.57 0.00	21.94 0.39 0.00	23.94 0.45 0.00	24.75 0.49 0.00	24.79 0.41 0.00	28.17 0.66 0.00	29.00 0.76 0.00	30.50 1.06 0.00	31.75 1.36 -0.17	33.63 1.76 -0.38	34.87 1.90 -0.76	41.31 2.62 -0.68	51.12 2.80 -1.63	49.65 3.02 -1.59	36.29 2.06 -2.09	32.95 1.43 -1.80	29.95 1.00 -1.16	29.02 0.84 -0.34	28.18 0.82 0.00
S SALMON___HYD 24043	20.36 0.14 0.00	19.08 0.10 0.00	18.29 0.05 0.00	18.09 0.04 0.00	17.99 0.04 0.00	18.36 0.13 0.00	21.74 0.19 0.00	23.62 0.12 0.00	24.34 0.07 0.00	24.42 0.05 0.00	28.96 0.00 -1.45	30.00 0.11 -1.64	31.40 0.09 -1.87	32.71 0.21 -2.28	34.48 0.38 -2.61	35.43 0.48 -2.74	43.23 0.76 -4.47	50.89 0.74 -3.46	49.84 0.85 -3.94	34.72 0.64 -1.93	31.10 0.54 -0.85	29.59 0.39 -1.42	29.20 0.34 -1.02	28.83 0.17 -1.32
S.PERRY__115KV_TB1 80734	21.47 1.25 0.00	20.07 1.08 0.00	19.15 0.91 0.00	18.82 0.76 0.00	18.80 0.84 0.00	19.38 1.15 0.00	22.58 1.03 0.00	24.49 0.99 0.00	25.19 0.92 0.00	25.10 0.73 0.00	28.44 0.94 0.00	28.41 0.17 0.00	29.94 0.50 0.00	31.35 0.88 -0.26	33.29 1.23 -0.56	35.19 1.84 -1.15	41.53 2.51 -1.02	51.69 2.57 -2.44	50.03 2.61 -2.37	37.36 2.09 -3.13	33.98 1.58 -2.69	30.66 1.14 -1.73	29.33 0.97 -0.51	28.23 0.88 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	20.86 0.65 0.00	19.56 0.57 0.00	18.67 0.44 0.00	18.29 0.23 0.00	18.25 0.29 0.00	18.84 0.60 0.00	21.89 0.34 0.00	23.78 0.28 0.00	24.68 0.41 0.00	24.62 0.24 0.00	27.78 0.28 0.00	28.67 0.42 0.00	30.35 0.91 0.00	31.85 1.39 -0.24	33.79 1.76 -0.53	35.22 1.93 -1.08	41.70 2.74 -0.96	51.26 2.33 -2.24	49.75 2.52 -2.18	36.72 1.70 -2.88	33.11 0.92 -2.47	29.85 0.47 -1.59	28.62 0.31 -0.47	27.80 0.44 0.00
SAWYER__23_KV_LOAD 55526	20.86 0.65 0.00	19.56 0.57 0.00	18.67 0.44 0.00	18.29 0.23 0.00	18.25 0.29 0.00	18.84 0.60 0.00	21.89 0.34 0.00	23.78 0.28 0.00	24.68 0.41 0.00	24.62 0.24 0.00	27.78 0.28 0.00	28.67 0.42 0.00	30.35 0.91 0.00	31.85 1.39 -0.24	33.79 1.76 -0.53	35.22 1.93 -1.08	41.70 2.74 -0.96	51.26 2.33 -2.24	49.75 2.52 -2.18	36.72 1.70 -2.88	33.11 0.92 -2.47	29.85 0.47 -1.59	28.62 0.31 -0.47	27.80 0.44 0.00
SELKIRK___I 23801	20.82 0.61 0.00	19.60 0.61 0.00	18.87 0.64 0.00	18.69 0.63 0.00	18.59 0.63 0.00	18.82 0.58 0.00	22.19 0.65 0.00	24.16 0.66 0.00	24.88 0.61 0.00	25.00 0.63 0.00	28.25 0.74 0.00	29.29 1.05 0.00	30.56 1.12 0.00	34.33 1.21 -2.91	38.26 1.26 -5.50	44.63 1.25 -11.17	49.39 1.44 -9.94	72.62 1.68 -24.26	70.28 1.67 -23.56	64.47 1.22 -31.10	57.55 1.13 -26.70	46.07 1.06 -17.23	34.07 1.11 -5.11	28.50 1.10 -0.05
SELKIRK___II 23799	20.70 0.48 0.00	19.48 0.49 0.00	18.77 0.53 0.00	18.60 0.54 0.00	18.50 0.54 0.00	18.71 0.47 0.00	22.06 0.52 0.00	24.01 0.52 0.00	24.75 0.49 0.00	24.91 0.54 0.00	28.14 0.63 0.00	29.17 0.93 0.00	30.41 0.97 0.00	34.27 1.03 -3.02	38.27 1.04 -5.74	44.91 1.06 -11.64	49.55 1.18 -10.36	73.30 1.40 -25.22	70.85 1.31 -24.50	65.44 0.96 -32.34	58.37 0.89 -27.76	46.50 0.81 -17.91	34.05 0.89 -5.31	28.31 0.90 -0.05
SENECA OSWGO___HYD 24041	20.15 -0.06 0.00	18.91 -0.08 0.00	18.13 -0.11 0.00	17.93 -0.13 0.00	17.83 -0.12 0.00	18.18 -0.05 0.00	21.46 -0.09 0.00	23.34 -0.16 0.00	24.07 -0.19 0.00	24.13 -0.24 0.00	29.26 -0.28 -2.03	30.37 -0.17 -2.30	31.85 -0.20 -2.62	33.34 -0.06 -3.18	35.20 0.06 -3.65	36.20 0.16 -3.83	44.55 0.30 -6.25	51.66 0.14 -4.83	50.78 0.23 -5.51	35.04 0.19 -2.70	30.97 0.06 -1.19	29.66 -0.11 -1.98	29.13 -0.14 -1.43	28.92 -0.27 -1.84
SENECA___115KV_TB3 355854	21.00 0.79 0.00	19.71 0.72 0.00	18.80 0.57 0.00	18.42 0.36 0.00	18.39 0.43 0.00	18.98 0.75 0.00	22.09 0.54 0.00	23.99 0.49 0.00	24.92 0.66 0.00	24.83 0.46 0.00	28.00 0.50 0.00	28.92 0.68 0.00	30.62 1.18 0.00	32.19 1.72 -0.25	34.15 2.11 -0.55	35.58 2.25 -1.12	42.15 3.15 -0.99	52.03 2.99 -2.36	50.49 3.15 -2.29	37.29 2.12 -3.02	33.59 1.28 -2.59	30.24 0.78 -1.67	28.90 0.56 -0.50	27.99 0.63 0.00
SENECA___ENERGY 23797	20.56 0.34 0.00	19.27 0.29 0.00	18.46 0.22 0.00	18.24 0.18 0.00	18.14 0.18 0.00	18.60 0.36 0.00	21.94 0.39 0.00	23.87 0.37 0.00	24.66 0.39 0.00	24.67 0.29 0.00	28.74 0.38 -0.85	29.82 0.62 -0.96	31.12 0.59 -1.09	32.58 0.84 -1.52	34.46 1.04 -1.93	35.75 1.13 -2.42	43.01 1.67 -3.34	52.13 1.68 -3.77	50.90 1.85 -4.00	36.80 1.29 -3.37	33.09 0.95 -2.42	30.47 0.61 -2.07	29.34 0.53 -0.97	28.46 0.33 -0.77
SHOEMAKER___GT 23640	21.06 0.85 0.00	19.75 0.76 0.00	18.98 0.75 0.00	18.82 0.76 0.00	18.70 0.74 0.00	18.98 0.75 0.00	22.45 0.90 0.00	24.56 1.06 0.00	25.36 1.09 0.00	25.54 1.17 0.00	28.80 1.29 0.00	29.82 1.58 0.00	31.06 1.62 0.00	33.17 1.60 -1.35	35.93 1.51 -2.92	39.91 1.77 -5.93	45.22 1.94 -5.28	61.99 2.61 -12.69	59.67 2.30 -12.33	50.08 1.67 -16.27	45.09 1.40 -13.97	37.94 1.14 -9.01	31.77 1.25 -2.67	28.69 1.31 -0.03
SHOEMAKR_138KV_BK 111 55601	21.04 0.83 0.00	19.73 0.74 0.00	18.97 0.73 0.00	18.82 0.76 0.00	18.68 0.72 0.00	18.96 0.73 0.00	22.45 0.90 0.00	24.53 1.03 0.00	25.41 1.14 0.00	25.54 1.17 0.00	28.77 1.27 0.00	29.85 1.61 0.00	31.09 1.65 0.00	33.23 1.66 -1.34	35.94 1.54 -2.90	39.87 1.77 -5.89	45.23 1.98 -5.25	61.85 2.57 -12.60	59.54 2.25 -12.24	49.94 1.64 -16.16	44.93 1.34 -13.87	37.87 1.14 -8.95	31.70 1.20 -2.66	28.64 1.26 -0.03
SHOREHAM_IC_1 23715	21.99 1.78 0.00	20.55 1.56 0.00	19.62 1.39 0.00	19.39 1.34 0.00	19.38 1.42 0.00	19.75 1.51 0.00	23.40 1.85 0.00	24.72 1.22 0.00	25.68 1.41 0.00	25.95 1.58 0.00	29.30 1.79 0.00	29.65 1.41 0.00	30.67 1.24 0.00	32.94 1.24 -1.49	35.74 1.04 -3.21	40.18 1.45 -6.52	45.55 1.75 -5.80	62.93 2.47 -13.78	52.99 2.03 -5.91	40.82 1.38 -7.30	41.08 0.83 -10.53	33.91 0.61 -5.51	31.42 0.64 -2.94	28.31 0.93 -0.03
SHOREHAM_IC_2 23716	21.99 1.78 0.00	20.55 1.56 0.00	19.62 1.39 0.00	19.39 1.34 0.00	19.38 1.42 0.00	19.75 1.51 0.00	23.40 1.85 0.00	24.72 1.22 0.00	25.68 1.41 0.00	25.95 1.58 0.00	29.30 1.79 0.00	29.65 1.41 0.00	30.67 1.24 0.00	32.94 1.24 -1.49	35.74 1.04 -3.21	40.18 1.45 -6.52	45.55 1.75 -5.80	62.93 2.47 -13.78	52.99 2.03 -5.91	40.82 1.38 -7.30	41.08 0.83 -10.53	33.91 0.61 -5.51	31.42 0.64 -2.94	28.31 0.93 -0.03
SISSONVILLE___ 23735	19.97 -0.24 0.00	18.74 -0.25 0.00	18.00 -0.24 0.00	17.81 -0.25 0.00	17.73 -0.23 0.00	17.98 -0.26 0.00	21.40 -0.15 0.00	23.36 -0.14 0.00	24.17 -0.10 0.00	24.35 -0.02 0.00	27.71 -0.03 -0.23	28.25 -0.25 -0.26	29.26 -0.47 -0.29	29.34 -1.24 -0.36	30.58 -1.32 -0.41	31.09 -1.55 -0.43	36.81 -1.90 -0.70	45.55 -1.68 -0.54	44.23 -1.44 -0.62	30.97 -1.48 -0.30	28.93 -0.92 -0.13	27.51 -0.50 -0.22	27.78 -0.22 -0.16	27.48 -0.08 -0.21

SITHE_IND_GS1 24169	19.87 -0.34 0.00	18.65 -0.34 0.00	17.89 -0.35 0.00	17.70 -0.36 0.00	17.60 -0.36 0.00	17.92 -0.31 0.00	21.16 -0.39 0.00	22.98 -0.52 0.00	23.73 -0.53 0.00	23.76 -0.61 0.00	20.95 -0.72 5.84	20.99 -0.65 6.60	21.24 -0.68 7.53	20.46 -0.60 9.15	20.46 -0.54 10.50	20.68 -0.52 11.01	19.54 -0.50 17.97	31.98 -0.79 13.91	28.53 -0.67 15.84	23.89 -0.48 7.77	25.78 -0.53 3.41	21.48 -0.61 5.70	23.10 -0.64 4.11	21.35 -0.71 5.29
SITHE_IND_GS2 24170	19.87 -0.34 0.00	18.65 -0.34 0.00	17.89 -0.35 0.00	17.70 -0.36 0.00	17.60 -0.36 0.00	17.92 -0.31 0.00	21.16 -0.39 0.00	22.98 -0.52 0.00	23.73 -0.53 0.00	23.76 -0.61 0.00	20.95 -0.72 5.84	20.99 -0.65 6.60	21.24 -0.68 7.53	20.46 -0.60 9.15	20.46 -0.54 10.50	20.68 -0.52 11.01	19.54 -0.50 17.97	31.98 -0.79 13.91	28.53 -0.67 15.84	23.89 -0.48 7.77	25.78 -0.53 3.41	21.48 -0.61 5.70	23.10 -0.64 4.11	21.35 -0.71 5.29
SITHE_IND_GS3 24171	19.87 -0.34 0.00	18.65 -0.34 0.00	17.89 -0.35 0.00	17.70 -0.36 0.00	17.60 -0.36 0.00	17.92 -0.31 0.00	21.16 -0.39 0.00	22.98 -0.52 0.00	23.73 -0.53 0.00	23.76 -0.61 0.00	20.95 -0.72 5.84	20.99 -0.65 6.60	21.24 -0.68 7.53	20.46 -0.60 9.15	20.46 -0.54 10.50	20.68 -0.52 11.01	19.54 -0.50 17.97	31.98 -0.79 13.91	28.53 -0.67 15.84	23.89 -0.48 7.77	25.78 -0.53 3.41	21.48 -0.61 5.70	23.10 -0.64 4.11	21.35 -0.71 5.29
SITHE_IND_GS4 24172	19.87 -0.34 0.00	18.65 -0.34 0.00	17.89 -0.35 0.00	17.70 -0.36 0.00	17.60 -0.36 0.00	17.92 -0.31 0.00	21.16 -0.39 0.00	22.98 -0.52 0.00	23.73 -0.53 0.00	23.76 -0.61 0.00	20.95 -0.72 5.84	20.99 -0.65 6.60	21.24 -0.68 7.53	20.46 -0.60 9.15	20.46 -0.54 10.50	20.68 -0.52 11.01	19.54 -0.50 17.97	31.98 -0.79 13.91	28.53 -0.67 15.84	23.89 -0.48 7.77	25.78 -0.53 3.41	21.48 -0.61 5.70	23.10 -0.64 4.11	21.35 -0.71 5.29
SITHE___BATAVIA 24024	21.40 1.19 0.00	19.96 0.97 0.00	19.06 0.82 0.00	18.82 0.76 0.00	18.75 0.79 0.00	19.27 1.04 0.00	22.56 1.01 0.00	24.60 1.10 0.00	25.43 1.16 0.00	25.47 1.10 0.00	28.91 1.40 0.00	30.11 1.86 0.00	31.30 1.86 0.00	32.60 2.20 -0.17	34.61 2.74 -0.38	35.81 2.83 -0.77	42.52 3.84 -0.68	52.34 4.02 -1.64	51.10 4.46 -1.59	37.36 3.12 -2.10	33.82 2.29 -1.81	30.73 1.78 -1.17	29.92 1.73 -0.35	28.86 1.50 0.00
SITHE___INDEPEND 23800	19.87 -0.34 0.00	18.65 -0.34 0.00	17.89 -0.35 0.00	17.68 -0.38 0.00	17.60 -0.36 0.00	17.92 -0.31 0.00	21.14 -0.41 0.00	22.98 -0.52 0.00	23.69 -0.58 0.00	23.76 -0.61 0.00	20.95 -0.72 5.84	20.96 -0.68 6.60	21.27 -0.65 7.53	20.46 -0.60 9.15	20.46 -0.54 10.50	20.68 -0.52 11.01	19.54 -0.49 17.97	32.03 -0.75 13.91	28.53 -0.68 15.84	23.89 -0.48 7.77	25.78 -0.53 3.41	21.48 -0.61 5.70	23.07 -0.67 4.11	21.35 -0.71 5.29
SITHE___MASSENA 23902	19.91 -0.30 0.00	18.70 -0.28 0.00	17.98 -0.26 0.00	17.81 -0.25 0.00	17.71 -0.25 0.00	17.92 -0.31 0.00	21.22 -0.32 0.00	23.19 -0.31 0.00	24.00 -0.27 0.00	24.15 -0.22 0.00	27.29 -0.22 0.00	27.76 -0.48 0.00	28.88 -0.56 0.00	29.13 -1.09 0.00	30.33 -1.16 0.00	30.89 -1.32 0.00	36.44 -1.56 0.00	45.56 -1.12 0.00	43.97 -1.08 0.00	30.95 -1.19 0.00	29.01 -0.71 0.00	27.42 -0.36 0.00	27.43 -0.42 0.00	27.05 -0.30 0.00
SITHE___OGDNSBRG 24021	20.05 -0.16 0.00	18.86 -0.13 0.00	18.09 -0.15 0.00	17.91 -0.14 0.00	17.83 -0.13 0.00	18.07 -0.16 0.00	21.48 -0.06 0.00	23.47 -0.02 0.00	24.29 0.02 0.00	24.47 0.10 0.00	27.62 0.11 0.00	28.07 -0.17 0.00	29.21 -0.24 0.00	29.31 -0.91 0.00	30.52 -0.98 0.00	31.08 -1.13 0.00	36.71 -1.29 0.00	45.80 -0.89 0.00	44.37 -0.68 0.00	31.21 -0.93 0.00	29.36 -0.36 0.00	27.73 -0.06 0.00	27.87 0.03 0.00	27.41 0.05 0.00
SITHE___STERLING 23777	20.80 0.59 0.00	19.52 0.53 0.00	18.71 0.47 0.00	18.51 0.45 0.00	18.41 0.45 0.00	18.78 0.55 0.00	22.28 0.73 0.00	24.25 0.75 0.00	25.02 0.75 0.00	25.15 0.78 0.00	28.73 0.88 -0.34	29.67 1.05 -0.38	30.88 1.00 -0.44	31.90 1.15 -0.53	33.42 1.32 -0.61	34.30 1.45 -0.64	41.06 2.01 -1.04	49.78 2.29 -0.81	48.22 2.25 -0.92	34.26 1.67 -0.45	31.38 1.46 -0.20	29.23 1.11 -0.33	29.17 1.08 -0.24	28.54 0.88 -0.31
SLEIGHT__34_KV_TB1 80719	20.96 0.75 0.00	19.65 0.66 0.00	18.80 0.57 0.00	18.56 0.51 0.00	18.50 0.54 0.00	18.98 0.75 0.00	22.39 0.84 0.00	24.44 0.94 0.00	25.21 0.95 0.00	25.30 0.93 0.00	29.35 1.16 -0.69	30.37 1.36 -0.78	31.91 1.59 -0.88	33.13 1.66 -1.25	35.08 1.98 -1.61	36.45 2.19 -2.05	43.64 2.85 -2.78	53.06 3.13 -3.25	51.77 3.29 -3.43	37.38 2.25 -2.98	33.71 1.81 -2.18	30.99 1.39 -1.82	29.89 1.23 -0.82	28.94 0.96 -0.62
SOUTH CAIRO___GT 23612	21.14 0.93 0.00	19.88 0.89 0.00	19.15 0.91 0.00	18.98 0.92 0.00	18.87 0.92 0.00	19.13 0.89 0.00	22.60 1.06 0.00	24.63 1.13 0.00	25.39 1.12 0.00	25.52 1.15 0.00	28.77 1.27 0.00	29.85 1.61 0.00	31.35 1.91 0.00	34.92 2.20 -2.71	38.99 2.20 -5.29	45.14 2.19 -10.74	50.22 2.66 -9.56	73.19 3.41 -23.10	70.91 3.42 -22.44	64.34 2.57 -29.62	57.47 2.32 -25.43	46.19 2.00 -16.41	34.58 1.87 -4.87	29.23 1.83 -0.05
SOUTH HAMPTN___IC 23720	22.31 2.10 0.00	20.87 1.88 0.00	19.91 1.68 0.00	19.68 1.63 0.00	19.67 1.71 0.00	20.07 1.84 0.00	23.77 2.22 0.00	25.24 1.74 0.00	26.21 1.94 0.00	26.52 2.15 0.00	29.96 2.45 0.00	30.28 2.03 0.00	31.41 1.97 0.00	33.76 2.06 -1.49	36.59 1.89 -3.21	41.08 2.35 -6.52	46.66 2.85 -5.80	64.29 3.83 -13.78	54.24 3.29 -5.90	41.71 2.28 -7.28	41.85 1.60 -10.52	34.60 1.31 -5.51	32.09 1.31 -2.94	28.94 1.56 -0.03
SOUTHDOW__115KV_TB1 355954	21.69 1.48 0.00	20.45 1.46 0.00	19.48 1.24 0.00	19.05 0.99 0.00	19.02 1.06 0.00	19.75 1.51 0.00	23.21 1.66 0.00	25.35 1.86 0.00	26.45 2.18 0.00	26.25 1.88 0.00	29.51 2.01 0.00	30.36 2.12 0.00	32.21 2.77 0.00	33.89 3.38 -0.28	35.73 3.62 -0.62	37.26 3.80 -1.25	44.06 4.94 -1.12	54.34 5.00 -2.66	52.63 5.00 -2.58	39.25 3.70 -3.41	35.50 2.85 -2.93	31.95 2.28 -1.89	30.38 1.98 -0.56	29.08 1.72 -0.01
SOUTHOLD_69_KV_BK 2 55809	22.70 2.49 0.00	21.21 2.22 0.00	20.24 2.01 0.00	20.04 1.99 0.00	19.95 1.99 0.00	20.39 2.15 0.00	24.13 2.59 0.00	25.71 2.21 0.00	26.77 2.50 0.00	27.05 2.68 0.00	30.53 3.03 0.00	31.32 3.08 0.00	32.23 2.80 0.00	34.54 2.84 -1.49	37.44 2.74 -3.21	41.92 3.19 -6.52	47.76 3.95 -5.80	65.64 5.18 -13.78	55.54 4.59 -5.90	42.64 3.21 -7.28	42.56 2.32 -10.52	35.32 2.03 -5.51	32.67 1.89 -2.94	29.65 2.27 -0.03
SOUTHOLD___IC 23719	22.70 2.49 0.00	21.21 2.22 0.00	20.24 2.01 0.00	19.99 1.93 0.00	19.95 1.99 0.00	20.38 2.15 0.00	24.13 2.58 0.00	25.71 2.21 0.00	26.75 2.48 0.00	27.03 2.66 0.00	30.53 3.03 0.00	30.87 2.63 0.00	32.06 2.62 0.00	34.45 2.75 -1.49	37.32 2.61 -3.21	41.85 3.12 -6.52	47.64 3.84 -5.80	65.55 5.09 -13.78	55.45 4.50 -5.90	42.54 3.12 -7.28	42.56 2.32 -10.52	35.24 1.94 -5.51	32.68 1.89 -2.94	29.49 2.11 -0.03

SPIERFLS_115KV_TB 1 80737	21.24 1.03 0.00	19.92 0.93 0.00	19.11 0.88 0.00	18.96 0.90 0.00	18.84 0.88 0.00	19.13 0.89 0.00	22.67 1.12 0.00	24.74 1.25 0.00	25.60 1.33 0.00	25.64 1.27 0.00	28.83 1.32 0.00	30.05 1.81 0.00	31.41 1.97 0.00	37.21 2.24 -4.76	43.74 2.39 -9.86	54.50 2.29 -20.00	58.70 2.89 -17.81	91.96 4.15 -41.12	89.05 4.05 -39.95	87.77 2.89 -52.73	77.64 2.65 -45.27	59.38 2.39 -29.20	38.74 2.23 -8.67	29.54 2.11 -0.08
ST LAWRENCE____ 23600	19.71 -0.50 0.00	18.52 -0.47 0.00	17.80 -0.44 0.00	17.62 -0.43 0.00	17.53 -0.43 0.00	17.76 -0.47 0.00	21.01 -0.54 0.00	22.98 -0.52 0.00	23.76 -0.51 0.00	23.88 -0.49 0.00	26.98 -0.52 0.00	27.45 -0.79 0.00	28.59 -0.85 0.00	29.13 -1.09 0.00	30.30 -1.20 0.00	30.89 -1.32 0.00	36.41 -1.59 0.00	45.10 -1.59 0.00	43.52 -1.53 0.00	30.92 -1.22 0.00	28.80 -0.92 0.00	27.15 -0.64 0.00	27.15 -0.69 0.00	26.75 -0.60 0.00
STATE_CA_115KV_115_LB 55624	20.72 0.51 0.00	19.52 0.53 0.00	18.78 0.55 0.00	18.64 0.58 0.00	18.52 0.56 0.00	18.74 0.51 0.00	22.13 0.58 0.00	24.06 0.56 0.00	24.85 0.58 0.00	24.96 0.58 0.00	28.19 0.69 0.00	29.34 1.10 0.00	30.56 1.12 0.00	35.15 1.21 -3.72	40.27 1.29 -7.48	48.71 1.32 -15.19	53.00 1.48 -13.52	80.26 1.73 -31.85	77.60 1.62 -30.93	74.13 1.16 -40.83	65.85 1.07 -35.06	51.37 0.97 -22.62	35.58 1.03 -6.71	28.46 1.04 -0.06
STATE_ST_34_KV_LOAD 55959	20.74 0.53 0.00	19.46 0.47 0.00	18.66 0.42 0.00	18.44 0.38 0.00	18.34 0.38 0.00	18.76 0.53 0.00	22.17 0.62 0.00	24.16 0.66 0.00	24.90 0.63 0.00	24.98 0.61 0.00	29.27 0.74 -1.02	30.15 0.76 -1.15	31.66 0.91 -1.31	33.11 1.12 -1.78	35.01 1.29 -2.22	36.41 1.48 -2.72	43.86 2.01 -3.85	53.02 2.19 -4.14	51.78 2.30 -4.43	37.28 1.57 -3.56	33.52 1.31 -2.49	30.97 0.97 -2.22	29.78 0.86 -1.08	28.88 0.60 -0.92
STATION 5_MISC_HYD 23604	20.76 0.55 0.00	19.39 0.40 0.00	18.53 0.29 0.00	18.29 0.23 0.00	18.21 0.25 0.00	18.69 0.46 0.00	21.87 0.32 0.00	23.80 0.30 0.00	24.63 0.36 0.00	24.64 0.27 0.00	27.97 0.47 0.00	28.95 0.71 0.00	30.24 0.80 0.00	31.54 1.15 -0.17	33.38 1.51 -0.38	34.61 1.64 -0.76	40.93 2.24 -0.68	50.56 2.24 -1.63	49.15 2.52 -1.58	36.00 1.77 -2.09	32.65 1.13 -1.80	29.69 0.75 -1.16	28.91 0.72 -0.34	27.96 0.60 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	20.74 0.53 0.00	19.37 0.38 0.00	18.53 0.29 0.00	18.26 0.20 0.00	18.23 0.27 0.00	18.71 0.47 0.00	21.94 0.39 0.00	23.94 0.45 0.00	24.75 0.49 0.00	24.79 0.41 0.00	28.33 0.61 -0.22	29.25 0.76 -0.25	30.69 0.97 -0.28	31.94 1.21 -0.51	33.77 1.51 -0.77	35.03 1.64 -1.18	41.56 2.20 -1.35	51.13 2.29 -2.16	49.75 2.52 -2.18	36.27 1.74 -2.39	32.90 1.25 -1.93	30.02 0.86 -1.37	29.04 0.70 -0.50	28.16 0.60 -0.20
STA_56_34_KV_BUS2_REV_LBMP_B 345033	20.62 0.40 0.00	19.25 0.27 0.00	18.42 0.18 0.00	18.13 0.07 0.00	18.10 0.14 0.00	18.58 0.35 0.00	21.72 0.17 0.00	23.69 0.19 0.00	24.49 0.22 0.00	24.54 0.17 0.00	27.86 0.36 0.00	28.72 0.48 0.00	30.18 0.74 0.00	31.39 1.00 -0.17	33.22 1.35 -0.37	34.45 1.48 -0.76	40.77 2.09 -0.67	50.45 2.15 -1.62	48.96 2.34 -1.57	35.79 1.57 -2.07	32.54 1.04 -1.78	29.57 0.64 -1.15	28.69 0.50 -0.34	27.82 0.47 0.00
STA_56____34_KV_BUS2 355983	20.62 0.40 0.00	19.25 0.27 0.00	18.42 0.18 0.00	18.13 0.07 0.00	18.10 0.14 0.00	18.58 0.35 0.00	21.72 0.17 0.00	23.69 0.19 0.00	24.49 0.22 0.00	24.54 0.17 0.00	27.86 0.36 0.00	28.72 0.48 0.00	30.18 0.74 0.00	31.39 1.00 -0.17	33.22 1.35 -0.37	34.45 1.48 -0.76	40.77 2.09 -0.67	50.45 2.15 -1.62	48.96 2.34 -1.57	35.79 1.57 -2.07	32.54 1.04 -1.78	29.57 0.64 -1.15	28.69 0.50 -0.34	27.82 0.47 0.00
STA_67____115KV_BK2 355882	20.70 0.49 0.00	19.33 0.34 0.00	18.49 0.26 0.00	18.18 0.13 0.00	18.16 0.20 0.00	18.65 0.42 0.00	21.78 0.24 0.00	23.73 0.23 0.00	24.54 0.27 0.00	24.57 0.19 0.00	27.89 0.39 0.00	28.72 0.48 0.00	30.18 0.74 0.00	31.42 1.03 -0.17	33.25 1.39 -0.38	34.49 1.51 -0.76	40.81 2.13 -0.68	50.56 2.24 -1.63	49.07 2.43 -1.58	35.87 1.64 -2.09	32.62 1.10 -1.80	29.64 0.69 -1.16	28.74 0.56 -0.34	27.90 0.55 0.00
STA_7____115KV_9TRANS 80674	20.88 0.67 0.00	19.48 0.49 0.00	18.62 0.38 0.00	18.33 0.27 0.00	18.30 0.34 0.00	18.80 0.57 0.00	21.94 0.39 0.00	23.94 0.45 0.00	24.75 0.49 0.00	24.79 0.41 0.00	28.17 0.66 0.00	29.00 0.76 0.00	30.50 1.06 0.00	31.75 1.36 -0.17	33.63 1.76 -0.38	34.87 1.90 -0.76	41.31 2.62 -0.68	51.12 2.80 -1.63	49.65 3.02 -1.59	36.29 2.06 -2.09	32.95 1.43 -1.80	29.95 1.00 -1.16	29.02 0.84 -0.34	28.18 0.82 0.00
STA_82____115KV_TB1 80780	20.72 0.51 0.00	19.35 0.36 0.00	18.49 0.26 0.00	18.20 0.14 0.00	18.17 0.22 0.00	18.65 0.42 0.00	21.78 0.24 0.00	23.76 0.26 0.00	24.54 0.27 0.00	24.59 0.22 0.00	27.89 0.39 0.00	28.72 0.48 0.00	30.18 0.74 0.00	31.45 1.06 -0.17	33.29 1.42 -0.38	34.52 1.55 -0.77	40.85 2.17 -0.68	50.57 2.24 -1.64	49.12 2.48 -1.59	35.92 1.67 -2.10	32.63 1.10 -1.81	29.67 0.72 -1.17	28.75 0.56 -0.35	27.93 0.57 0.00
STEEL____WIND 323596	21.00 0.79 0.00	19.71 0.72 0.00	18.78 0.55 0.00	18.51 0.45 0.00	18.37 0.41 0.00	18.96 0.73 0.00	22.15 0.60 0.00	23.97 0.47 0.00	24.90 0.63 0.00	24.79 0.41 0.00	27.95 0.44 0.00	29.06 0.82 0.00	30.50 1.06 0.00	32.13 1.66 -0.25	34.09 2.05 -0.55	35.55 2.22 -1.12	42.04 3.04 -0.99	51.77 2.71 -2.38	50.29 2.93 -2.31	37.26 2.06 -3.06	33.44 1.10 -2.62	30.14 0.67 -1.69	29.01 0.67 -0.50	27.91 0.55 0.00
STEPHTWN_115KV_BK_2 55603	20.84 0.63 0.00	19.63 0.65 0.00	18.87 0.64 0.00	18.73 0.67 0.00	18.61 0.65 0.00	18.85 0.62 0.00	22.30 0.75 0.00	24.25 0.75 0.00	25.02 0.75 0.00	25.10 0.73 0.00	28.36 0.85 0.00	29.51 1.27 0.00	30.77 1.32 0.00	34.95 1.42 -3.31	39.54 1.51 -6.54	47.02 1.55 -13.27	51.60 1.79 -11.81	77.04 2.15 -28.21	74.47 2.03 -27.40	69.76 1.45 -36.17	62.11 1.34 -31.05	49.01 1.19 -20.03	35.04 1.25 -5.94	28.64 1.23 -0.06
STEBEN_REC_LFGE 323667	21.36 1.15 0.00	20.03 1.04 0.00	19.11 0.88 0.00	18.76 0.70 0.00	18.73 0.77 0.00	19.33 1.09 0.00	22.69 1.14 0.00	24.72 1.22 0.00	25.58 1.31 0.00	25.49 1.12 0.00	29.09 1.27 -0.31	30.01 1.41 -0.36	31.70 1.85 -0.40	33.28 2.24 -0.83	35.34 2.55 -1.29	37.02 2.74 -2.07	44.16 3.88 -2.28	54.64 4.06 -3.90	53.15 4.19 -3.91	39.50 2.89 -4.46	35.58 2.20 -3.66	31.94 1.61 -2.55	30.06 1.34 -0.88	28.85 1.20 -0.29
STONY____BROOK 24151	22.07 1.86 0.00	20.62 1.63 0.00	19.70 1.46 0.00	19.48 1.43 0.00	19.45 1.49 0.00	19.82 1.59 0.00	23.51 1.96 0.00	25.17 1.67 0.00	26.14 1.87 0.00	26.42 2.05 0.00	29.79 2.28 0.00	30.08 1.83 0.00	31.17 1.74 0.00	33.45 1.75 -1.48	36.25 1.54 -3.21	40.69 1.96 -6.52	45.86 2.05 -5.80	63.36 2.90 -13.78	53.32 2.34 -5.93	41.08 1.61 -7.33	41.54 1.28 -10.54	34.34 1.03 -5.53	31.84 1.06 -2.94	28.78 1.39 -0.03

STURGEON_POOL_HYD 23609	21.16 0.95 0.00	19.81 0.82 0.00	19.02 0.78 0.00	18.93 0.87 0.00	18.77 0.81 0.00	19.04 0.80 0.00	22.54 0.99 0.00	24.67 1.17 0.00	25.63 1.36 0.00	25.79 1.41 0.00	29.05 1.54 0.00	30.36 2.12 0.00	31.53 2.09 0.00	33.81 1.78 -1.81	36.88 1.64 -3.75	41.82 2.00 -7.61	46.99 2.20 -6.78	66.09 3.08 -16.32	63.38 2.48 -15.85	54.90 1.83 -20.93	49.06 1.37 -17.97	40.46 1.08 -11.59	32.48 1.20 -3.44	28.84 1.45 -0.03
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	21.08 0.87 0.00	19.77 0.78 0.00	18.98 0.75 0.00	18.85 0.79 0.00	18.70 0.74 0.00	18.98 0.75 0.00	22.47 0.93 0.00	24.58 1.08 0.00	25.48 1.21 0.00	25.61 1.24 0.00	28.83 1.32 0.00	30.02 1.78 0.00	31.24 1.80 0.00	33.33 1.72 -1.38	36.09 1.61 -2.99	40.14 1.87 -6.07	45.46 2.05 -5.40	62.37 2.71 -12.98	59.95 2.30 -12.61	50.42 1.64 -16.64	45.32 1.31 -14.29	38.11 1.11 -9.22	31.78 1.20 -2.74	28.64 1.26 -0.03
SWANROAD_115KV_TB1 355699	20.33 0.12 0.00	19.03 0.04 0.00	18.16 -0.07 0.00	17.79 -0.27 0.00	17.76 -0.20 0.00	18.34 0.11 0.00	21.25 -0.30 0.00	23.05 -0.45 0.00	23.90 -0.36 0.00	23.84 -0.54 0.00	26.96 -0.55 0.00	27.76 -0.48 0.00	29.38 -0.06 0.00	30.78 0.33 -0.23	32.68 0.69 -0.50	33.96 0.74 -1.01	40.23 1.33 -0.90	49.96 1.12 -2.15	48.49 1.35 -2.09	35.80 0.90 -2.76	32.30 0.21 -2.37	29.15 -0.17 -1.53	27.99 -0.31 -0.45	27.25 -0.11 0.00
SYNERGY___BIOGAS 323694	21.40 1.19 0.00	19.96 0.97 0.00	19.06 0.82 0.00	18.82 0.76 0.00	18.75 0.79 0.00	19.27 1.04 0.00	22.56 1.01 0.00	24.60 1.10 0.00	25.43 1.16 0.00	25.47 1.10 0.00	28.91 1.40 0.00	30.11 1.86 0.00	31.30 1.86 0.00	32.60 2.20 -0.17	34.61 2.74 -0.38	35.81 2.83 -0.77	42.52 3.84 -0.68	52.34 4.02 -1.64	51.10 4.46 -1.59	37.36 3.12 -2.10	33.82 2.29 -1.81	30.73 1.78 -1.17	29.92 1.73 -0.35	28.86 1.50 0.00
SYRACUSE___ENERGY_ST1 323597	20.37 0.16 0.00	19.12 0.13 0.00	18.33 0.09 0.00	18.11 0.05 0.00	18.03 0.07 0.00	18.40 0.16 0.00	21.72 0.17 0.00	23.64 0.14 0.00	24.37 0.10 0.00	24.44 0.07 0.00	28.75 0.11 -1.14	29.72 0.20 -1.28	31.20 0.29 -1.46	32.50 0.36 -1.92	34.34 0.50 -2.34	35.55 0.58 -2.76	42.92 0.87 -4.04	51.50 0.79 -4.02	50.27 0.86 -4.36	35.96 0.61 -3.20	32.28 0.45 -2.12	30.08 0.25 -2.04	29.09 0.17 -1.08	28.41 0.03 -1.03
SYRACUSE___ENERGY_ST2 323598	20.37 0.16 0.00	19.12 0.13 0.00	18.33 0.09 0.00	18.11 0.05 0.00	18.03 0.07 0.00	18.40 0.16 0.00	21.72 0.17 0.00	23.64 0.14 0.00	24.37 0.10 0.00	24.44 0.07 0.00	28.75 0.11 -1.14	29.72 0.20 -1.28	31.20 0.29 -1.46	32.50 0.36 -1.92	34.34 0.50 -2.34	35.55 0.58 -2.76	42.92 0.87 -4.04	51.50 0.79 -4.02	50.27 0.86 -4.36	35.96 0.61 -3.20	32.28 0.45 -2.12	30.08 0.25 -2.04	29.09 0.17 -1.08	28.41 0.03 -1.03
SYRACUSE___POWER 24017	20.35 0.14 0.00	19.10 0.11 0.00	18.31 0.07 0.00	18.09 0.04 0.00	18.01 0.05 0.00	18.36 0.13 0.00	21.68 0.13 0.00	23.62 0.12 0.00	24.34 0.07 0.00	24.42 0.05 0.00	28.34 0.08 -0.75	29.23 0.14 -0.84	30.64 0.24 -0.96	31.87 0.33 -1.32	33.63 0.47 -1.66	34.84 0.58 -2.06	41.71 0.84 -2.87	50.59 0.75 -3.16	49.23 0.81 -3.37	35.46 0.55 -2.77	32.10 0.42 -1.96	29.69 0.19 -1.71	28.80 0.14 -0.82	28.03 0.00 -0.68
TALLMAN__138KV_BK151 55660	21.14 0.93 0.00	19.82 0.84 0.00	19.04 0.80 0.00	18.91 0.85 0.00	18.77 0.81 0.00	19.05 0.82 0.00	22.58 1.03 0.00	24.67 1.17 0.00	25.58 1.31 0.00	25.71 1.34 0.00	28.96 1.46 0.00	30.13 1.89 0.00	31.33 1.88 0.00	33.49 1.84 -1.42	36.27 1.70 -3.08	40.42 1.96 -6.24	45.69 2.13 -5.56	62.89 2.85 -13.36	60.36 2.34 -12.97	50.94 1.67 -17.13	45.73 1.31 -14.70	38.41 1.14 -9.49	31.88 1.23 -2.81	28.69 1.31 -0.03
TEALLAVE_115KV_TB7 355573	20.29 0.08 0.00	19.03 0.04 0.00	18.25 0.02 0.00	18.04 -0.02 0.00	17.96 0.00 0.00	18.31 0.07 0.00	21.61 0.06 0.00	23.55 0.05 0.00	24.27 0.00 0.00	24.35 -0.02 0.00	28.09 -0.03 -0.61	28.96 0.03 -0.69	30.35 0.12 -0.79	31.39 0.21 -0.96	32.94 0.35 -1.10	33.81 0.45 -1.15	40.53 0.65 -1.88	49.81 0.56 -2.56	48.37 0.59 -2.73	34.79 0.42 -2.23	31.59 0.30 -1.58	29.25 0.08 -1.38	28.53 0.03 -0.66	27.83 -0.08 -0.56
TELGRAPH_34_KV_EAST 80808	20.76 0.55 0.00	19.41 0.42 0.00	18.53 0.29 0.00	18.17 0.11 0.00	18.16 0.20 0.00	18.73 0.49 0.00	21.74 0.19 0.00	23.62 0.12 0.00	24.49 0.22 0.00	24.42 0.05 0.00	27.64 0.14 0.00	28.52 0.28 0.00	30.18 0.74 0.00	31.58 1.15 -0.22	33.51 1.54 -0.48	34.82 1.64 -0.97	41.30 2.43 -0.86	51.17 2.43 -2.06	49.75 2.70 -2.00	36.62 1.83 -2.64	33.03 1.04 -2.27	29.80 0.56 -1.46	28.67 0.39 -0.43	27.88 0.52 0.00
TEMPLE___115KV_TB 2 55572	20.31 0.10 0.00	19.05 0.06 0.00	18.27 0.04 0.00	18.06 0.00 0.00	17.98 0.02 0.00	18.33 0.09 0.00	21.63 0.09 0.00	23.55 0.05 0.00	24.29 0.02 0.00	24.37 0.00 0.00	28.12 0.00 -0.61	28.99 0.06 -0.69	30.38 0.15 -0.79	31.54 0.24 -1.08	33.23 0.38 -1.36	34.37 0.48 -1.68	41.07 0.72 -2.35	49.87 0.61 -2.58	48.43 0.63 -2.75	34.85 0.45 -2.26	31.65 0.33 -1.60	29.29 0.11 -1.40	28.57 0.06 -0.67	27.83 -0.08 -0.56
TIANA____69_KV_BK 1 55817	22.23 2.02 0.00	20.77 1.78 0.00	19.82 1.59 0.00	19.65 1.59 0.00	19.58 1.62 0.00	20.00 1.77 0.00	23.66 2.11 0.00	25.14 1.64 0.00	26.19 1.92 0.00	26.39 2.02 0.00	29.79 2.28 0.00	30.59 2.34 0.00	31.44 2.00 0.00	33.67 1.96 -1.49	36.50 1.80 -3.21	40.92 2.19 -6.52	46.47 2.66 -5.80	64.01 3.55 -13.78	54.01 3.06 -5.90	41.54 2.12 -7.28	41.64 1.40 -10.52	34.51 1.22 -5.51	31.92 1.14 -2.94	28.94 1.56 -0.03
TILDEN___115KV_TB1 80814	20.35 0.14 0.00	19.10 0.11 0.00	18.31 0.07 0.00	18.09 0.04 0.00	18.01 0.05 0.00	18.36 0.13 0.00	21.68 0.13 0.00	23.62 0.12 0.00	24.34 0.07 0.00	24.42 0.05 0.00	28.34 0.08 -0.75	29.23 0.14 -0.84	30.64 0.24 -0.96	31.87 0.33 -1.32	33.63 0.47 -1.66	34.84 0.58 -2.06	41.71 0.84 -2.87	50.59 0.75 -3.16	49.23 0.81 -3.37	35.46 0.55 -2.77	32.10 0.42 -1.96	29.69 0.19 -1.71	28.80 0.14 -0.82	28.03 0.00 -0.68
TRIGEN___CC 323695	21.51 1.29 0.00	20.13 1.14 0.00	19.28 1.04 0.00	19.12 1.07 0.00	19.02 1.06 0.00	19.35 1.11 0.00	22.95 1.40 0.00	24.81 1.32 0.00	25.82 1.55 0.00	26.00 1.63 0.00	29.32 1.82 0.00	30.25 2.01 0.00	31.17 1.74 0.01	33.42 1.72 -1.48	36.21 1.51 -3.21	40.50 1.77 -6.52	45.71 1.90 -5.80	62.94 2.57 -13.69	58.68 2.07 -11.56	48.72 1.45 -15.13	44.92 1.10 -14.10	37.52 0.97 -8.76	31.84 1.06 -2.94	28.70 1.31 -0.03
TRINITY__115KV__ 4 BK 55933	20.66 0.44 0.00	19.48 0.49 0.00	18.73 0.49 0.00	18.58 0.52 0.00	18.46 0.50 0.00	18.69 0.46 0.00	22.09 0.54 0.00	23.99 0.49 0.00	24.78 0.51 0.00	24.88 0.51 0.00	28.11 0.61 0.00	29.20 0.96 0.00	30.41 0.97 0.00	34.65 1.06 -3.37	39.27 1.10 -6.67	46.88 1.13 -13.55	51.32 1.25 -12.06	76.88 1.45 -28.75	74.32 1.35 -27.92	69.96 0.96 -36.86	62.26 0.89 -31.64	49.03 0.83 -20.41	34.82 0.92 -6.06	28.34 0.93 -0.06

UNION___PROCESSING_DRP 323587	20.72 0.51 0.00	19.35 0.36 0.00	18.51 0.27 0.00	18.20 0.14 0.00	18.17 0.22 0.00	18.67 0.44 0.00	21.78 0.24 0.00	23.76 0.26 0.00	24.56 0.29 0.00	24.59 0.22 0.00	27.92 0.41 0.00	28.75 0.51 0.00	30.21 0.77 0.00	31.45 1.06 -0.17	33.32 1.45 -0.38	34.52 1.55 -0.77	40.89 2.20 -0.68	50.61 2.29 -1.64	49.12 2.48 -1.60	35.92 1.67 -2.11	32.66 1.13 -1.81	29.68 0.72 -1.17	28.77 0.58 -0.35	27.93 0.57 0.00
UPPER HUDSON___HYD 24058	21.24 1.03 0.00	19.92 0.93 0.00	19.11 0.88 0.00	18.94 0.88 0.00	18.84 0.88 0.00	19.13 0.89 0.00	22.67 1.12 0.00	24.74 1.24 0.00	25.55 1.29 0.00	25.64 1.27 0.00	28.83 1.32 0.00	30.05 1.81 0.00	31.41 1.97 0.00	37.18 2.20 -4.76	43.77 2.43 -9.86	54.50 2.29 -20.00	58.70 2.89 -17.81	91.92 4.11 -41.12	89.05 4.06 -39.95	87.80 2.92 -52.73	77.61 2.62 -45.27	59.38 2.39 -29.20	38.74 2.23 -8.67	29.54 2.11 -0.08
UPPER RAQUET___HYD 24056	19.97 -0.24 0.00	18.74 -0.25 0.00	18.00 -0.24 0.00	17.81 -0.25 0.00	17.72 -0.23 0.00	17.98 -0.26 0.00	21.37 -0.17 0.00	23.36 -0.14 0.00	24.17 -0.10 0.00	24.35 -0.02 0.00	27.71 -0.03 -0.23	28.25 -0.25 -0.26	29.21 -0.53 -0.29	29.31 -1.27 -0.36	30.58 -1.32 -0.41	31.09 -1.55 -0.43	36.81 -1.90 -0.70	45.55 -1.68 -0.54	44.14 -1.53 -0.62	30.97 -1.48 -0.30	28.87 -0.98 -0.13	27.51 -0.50 -0.22	27.75 -0.25 -0.16	27.45 -0.11 -0.21
VALLEY44_115KV_TB2 355964	20.86 0.65 0.00	19.60 0.61 0.00	18.69 0.46 0.00	18.29 0.23 0.00	18.23 0.27 0.00	18.89 0.66 0.00	22.15 0.60 0.00	24.02 0.52 0.00	24.95 0.68 0.00	24.76 0.39 0.00	27.56 0.06 0.00	28.41 0.17 0.00	30.03 0.59 0.00	31.63 1.12 -0.29	33.36 1.23 -0.64	34.82 1.32 -1.29	41.09 1.94 -1.15	51.01 1.59 -2.74	49.38 1.67 -2.66	36.75 1.09 -3.51	33.36 0.62 -3.01	30.01 0.28 -1.94	28.45 0.03 -0.58	27.33 -0.03 -0.01
VALLEY___115KV_TB 1-4 80826	20.21 0.00 0.00	18.99 0.00 0.00	18.22 -0.02 0.00	18.04 -0.02 0.00	17.96 0.00 0.00	18.23 0.00 0.00	21.57 0.02 0.00	23.50 0.00 0.00	24.24 -0.02 0.00	24.40 0.02 0.00	27.53 0.03 0.00	28.52 0.28 0.00	29.77 0.32 0.00	30.37 0.15 0.00	31.62 0.13 0.00	32.37 0.16 0.00	38.23 0.23 0.00	46.82 0.14 0.00	45.14 0.09 0.00	32.17 0.03 0.00	29.66 -0.06 0.00	27.70 -0.08 0.00	27.82 -0.03 0.00	27.30 -0.05 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	21.02 0.81 0.00	19.75 0.76 0.00	18.98 0.75 0.00	18.78 0.72 0.00	18.66 0.70 0.00	18.96 0.73 0.00	22.43 0.88 0.00	24.46 0.96 0.00	25.26 1.00 0.00	25.40 1.02 0.00	28.79 1.10 -0.18	29.58 1.13 -0.21	30.89 1.21 -0.24	33.13 1.39 -1.52	35.94 1.48 -2.97	39.56 1.64 -5.71	45.32 1.98 -5.34	60.67 2.29 -11.70	58.78 2.30 -11.44	48.50 1.67 -14.68	43.71 1.49 -12.50	37.19 1.22 -8.18	31.57 1.23 -2.50	28.69 1.15 -0.19
VISCHER___FERRY HYD 24020	21.06 0.85 0.00	19.80 0.82 0.00	19.04 0.80 0.00	18.87 0.81 0.00	18.77 0.81 0.00	19.00 0.77 0.00	22.45 0.90 0.00	24.46 0.96 0.00	25.21 0.95 0.00	25.37 1.00 0.00	28.64 1.13 0.00	29.74 1.50 0.00	30.97 1.53 0.00	36.03 1.63 -4.18	41.80 1.70 -8.61	51.45 1.77 -17.48	55.61 2.05 -15.56	85.57 2.47 -36.41	82.76 2.34 -35.37	80.50 1.67 -46.69	71.35 1.54 -40.08	55.06 1.42 -25.86	37.02 1.50 -7.67	28.93 1.50 -0.07
V_A_10_SYNC_DSASP 323832	20.52 0.30 0.00	19.18 0.19 0.00	18.33 0.09 0.00	17.99 -0.07 0.00	17.96 0.00 0.00	18.49 0.26 0.00	21.53 -0.02 0.00	23.40 -0.09 0.00	24.24 -0.02 0.00	24.20 -0.17 0.00	27.42 -0.08 0.00	28.24 0.00 0.00	29.77 0.32 0.00	31.08 0.66 -0.20	32.93 1.01 -0.43	34.22 1.13 -0.88	40.46 1.67 -0.79	50.21 1.63 -1.89	48.68 1.80 -1.83	35.78 1.22 -2.42	32.45 0.65 -2.08	29.40 0.28 -1.34	28.35 0.11 -0.40	27.60 0.25 0.00
V_CMM_10_SYNC_DSASP 323787	19.79 -0.43 0.00	18.59 -0.40 0.00	17.85 -0.38 0.00	17.70 -0.36 0.00	17.60 -0.36 0.00	17.82 -0.42 0.00	21.09 -0.45 0.00	23.05 -0.45 0.00	23.86 -0.41 0.00	23.98 -0.39 0.00	27.09 -0.41 0.00	27.56 -0.68 0.00	28.71 -0.73 0.00	29.25 -0.97 0.00	30.45 -1.04 0.00	31.02 -1.19 0.00	36.60 -1.41 0.00	45.28 -1.40 0.00	43.70 -1.35 0.00	31.08 -1.06 0.00	28.92 -0.80 0.00	27.26 -0.53 0.00	27.23 -0.61 0.00	26.83 -0.52 0.00
V_CMP_10_SYNC_DSASP 323788	20.46 0.24 0.00	19.20 0.21 0.00	18.40 0.16 0.00	18.24 0.18 0.00	18.14 0.18 0.00	18.38 0.15 0.00	21.83 0.28 0.00	23.90 0.40 0.00	24.83 0.56 0.00	25.00 0.63 0.00	28.28 0.77 0.00	28.69 0.45 0.00	29.97 0.53 0.00	30.64 0.42 0.00	31.87 0.38 0.00	32.53 0.32 0.00	38.50 0.49 0.00	47.62 0.93 0.00	45.95 0.90 0.00	32.75 0.61 0.00	30.26 0.54 0.00	28.43 0.64 0.00	28.29 0.44 0.00	27.87 0.52 0.00
V_E_10_SYNC_DSASP 323830	22.05 1.84 0.00	20.68 1.69 0.00	19.75 1.51 0.00	19.52 1.46 0.00	19.41 1.45 0.00	19.93 1.70 0.00	23.75 2.20 0.00	26.86 3.36 0.00	27.52 3.25 0.00	27.74 3.36 0.00	31.58 3.57 -0.50	32.84 4.04 -0.56	34.05 3.97 -0.64	35.90 4.32 -1.36	36.62 3.12 -2.01	38.89 3.48 -3.20	46.26 4.71 -3.54	58.49 5.79 -6.02	56.99 5.90 -6.05	43.54 4.53 -6.87	39.32 3.98 -5.62	34.96 3.25 -3.92	32.28 3.06 -1.37	30.44 2.63 -0.46
V_F_30_NSYNC___DSASP 323816	21.32 1.11 0.00	20.01 1.02 0.00	19.22 0.98 0.00	19.05 0.99 0.00	18.95 0.99 0.00	19.22 0.98 0.00	22.73 1.18 0.00	24.79 1.29 0.00	25.55 1.29 0.00	25.66 1.29 0.00	28.96 1.46 0.00	30.11 1.86 0.00	31.44 2.00 0.00	37.08 2.18 -4.68	43.56 2.36 -9.70	54.28 2.38 -19.69	58.46 2.93 -17.53	90.88 3.64 -40.56	88.00 3.56 -39.39	86.72 2.57 -52.00	76.69 2.32 -44.65	58.70 2.11 -28.80	38.48 2.09 -8.55	29.46 2.02 -0.08
V_F_30_SYNC_DSASP 323786	20.72 0.51 0.00	19.52 0.53 0.00	18.78 0.55 0.00	18.64 0.58 0.00	18.52 0.56 0.00	18.74 0.51 0.00	22.13 0.58 0.00	24.06 0.56 0.00	24.85 0.58 0.00	24.96 0.58 0.00	28.19 0.69 0.00	29.34 1.10 0.00	30.56 1.12 0.00	35.09 1.18 -3.69	40.17 1.26 -7.42	48.58 1.32 -15.05	52.88 1.48 -13.40	80.00 1.73 -31.59	77.36 1.62 -30.69	73.81 1.16 -40.51	65.57 1.07 -34.78	51.19 0.97 -22.43	35.53 1.03 -6.66	28.46 1.04 -0.06
V_XM_10_SYNC_DSASP 323789	20.46 0.24 0.00	19.20 0.21 0.00	18.40 0.16 0.00	18.24 0.18 0.00	18.14 0.18 0.00	18.38 0.15 0.00	21.83 0.28 0.00	23.90 0.40 0.00	24.83 0.56 0.00	25.00 0.63 0.00	28.28 0.77 0.00	28.69 0.45 0.00	29.97 0.53 0.00	30.64 0.42 0.00	31.87 0.38 0.00	32.53 0.32 0.00	38.50 0.49 0.00	47.62 0.93 0.00	45.95 0.90 0.00	32.75 0.61 0.00	30.26 0.54 0.00	28.43 0.64 0.00	28.29 0.44 0.00	27.87 0.52 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	21.20 0.99 0.00	19.88 0.89 0.00	19.09 0.86 0.00	18.96 0.90 0.00	18.82 0.86 0.00	19.11 0.88 0.00	22.65 1.10 0.00	24.74 1.25 0.00	25.65 1.38 0.00	25.79 1.41 0.00	29.05 1.54 0.00	30.25 2.01 0.00	31.44 2.00 0.00	33.62 1.96 -1.43	36.42 1.83 -3.10	40.59 2.09 -6.28	45.88 2.28 -5.59	63.16 3.03 -13.44	60.63 2.52 -13.06	51.21 1.83 -17.23	45.97 1.46 -14.80	38.58 1.25 -9.54	32.01 1.34 -2.83	28.80 1.42 -0.03

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	21.39 1.17 0.00	19.96 0.97 0.00	19.17 0.93 0.00	19.07 1.01 0.00	18.93 0.97 0.00	19.18 0.95 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.87 1.60 0.00	26.05 1.68 0.00	29.29 1.79 0.00	30.50 2.26 0.00	31.71 2.27 0.00	33.88 2.18 -1.49	36.63 1.92 -3.21	40.92 2.19 -6.52	46.21 2.39 -5.81	63.91 3.27 -13.95	61.71 3.11 -13.55	51.93 1.90 -17.89	46.54 1.46 -15.36	39.00 1.31 -9.91	32.32 1.53 -2.94	29.00 1.61 -0.03
W50THST__13_KV_LOAD 356117	21.41 1.19 0.00	20.03 1.04 0.00	19.24 1.00 0.00	19.16 1.10 0.00	19.00 1.04 0.00	19.27 1.04 0.00	22.82 1.27 0.00	25.03 1.53 0.00	26.02 1.75 0.00	26.20 1.83 0.00	29.49 1.98 0.00	30.70 2.46 0.00	31.91 2.47 0.00	34.09 2.39 -1.49	36.85 2.14 -3.21	41.15 2.42 -6.52	46.47 2.66 -5.81	64.28 3.64 -13.95	61.76 3.15 -13.55	52.16 2.12 -17.89	46.75 1.66 -15.36	39.17 1.47 -9.91	32.45 1.67 -2.94	29.13 1.75 -0.03
WADING RIVER_IC_1 23522	21.99 1.78 0.00	20.55 1.56 0.00	19.62 1.39 0.00	19.39 1.34 0.00	19.38 1.42 0.00	19.77 1.53 0.00	23.42 1.87 0.00	24.72 1.22 0.00	25.65 1.38 0.00	25.93 1.56 0.00	29.27 1.76 0.00	29.63 1.38 0.00	30.67 1.24 0.00	32.94 1.24 -1.49	35.71 1.01 -3.21	40.15 1.42 -6.52	45.48 1.67 -5.80	62.84 2.38 -13.78	52.88 1.94 -5.90	40.71 1.29 -7.28	41.04 0.80 -10.52	33.90 0.61 -5.50	31.39 0.61 -2.94	28.28 0.90 -0.03
WADING RIVER_IC_2 23547	21.99 1.78 0.00	20.55 1.56 0.00	19.62 1.39 0.00	19.39 1.34 0.00	19.38 1.42 0.00	19.77 1.53 0.00	23.42 1.87 0.00	24.72 1.22 0.00	25.65 1.38 0.00	25.93 1.56 0.00	29.27 1.76 0.00	29.63 1.38 0.00	30.67 1.24 0.00	32.94 1.24 -1.49	35.71 1.01 -3.21	40.15 1.42 -6.52	45.48 1.67 -5.80	62.84 2.38 -13.78	52.88 1.94 -5.90	40.71 1.29 -7.28	41.04 0.80 -10.52	33.90 0.61 -5.50	31.39 0.61 -2.94	28.28 0.90 -0.03
WADING RIVER_IC_3 23601	21.99 1.78 0.00	20.55 1.56 0.00	19.62 1.39 0.00	19.39 1.34 0.00	19.38 1.42 0.00	19.77 1.53 0.00	23.42 1.87 0.00	24.72 1.22 0.00	25.65 1.38 0.00	25.93 1.56 0.00	29.27 1.76 0.00	29.63 1.38 0.00	30.67 1.24 0.00	32.94 1.24 -1.49	35.71 1.01 -3.21	40.15 1.42 -6.52	45.48 1.67 -5.80	62.84 2.38 -13.78	52.88 1.94 -5.90	40.71 1.29 -7.28	41.04 0.80 -10.52	33.90 0.61 -5.50	31.39 0.61 -2.94	28.28 0.90 -0.03
WALDENNY_12_KV_BK2 80841	20.96 0.75 0.00	19.67 0.68 0.00	18.77 0.53 0.00	18.38 0.33 0.00	18.35 0.40 0.00	18.95 0.71 0.00	22.04 0.50 0.00	23.92 0.42 0.00	24.88 0.61 0.00	24.79 0.41 0.00	27.97 0.47 0.00	28.89 0.65 0.00	30.62 1.18 0.00	32.19 1.72 -0.25	34.15 2.11 -0.54	35.57 2.25 -1.11	42.14 3.15 -0.98	52.01 2.99 -2.34	50.51 3.20 -2.27	37.26 2.12 -2.99	33.57 1.28 -2.57	30.22 0.78 -1.66	28.89 0.56 -0.49	27.99 0.63 0.00
WALDEN__HYDRO 24148	21.20 0.99 0.00	19.88 0.89 0.00	19.09 0.86 0.00	18.93 0.87 0.00	18.82 0.86 0.00	19.11 0.88 0.00	22.62 1.08 0.00	24.74 1.24 0.00	25.58 1.31 0.00	25.76 1.39 0.00	29.05 1.54 0.00	30.16 1.92 0.00	31.38 1.94 0.00	33.63 1.94 -1.47	36.48 1.83 -3.16	40.82 2.19 -6.42	46.15 2.43 -5.72	63.87 3.45 -13.73	61.45 3.06 -13.34	51.94 2.19 -17.61	46.65 1.81 -15.12	39.01 1.47 -9.75	32.30 1.56 -2.89	29.02 1.64 -0.03
WARRENSBURG____ 23737	21.24 1.03 0.00	19.92 0.93 0.00	19.11 0.88 0.00	18.94 0.88 0.00	18.84 0.88 0.00	19.13 0.89 0.00	22.67 1.12 0.00	24.74 1.24 0.00	25.55 1.29 0.00	25.64 1.27 0.00	28.83 1.32 0.00	30.05 1.81 0.00	31.41 1.97 0.00	37.18 2.20 -4.76	43.77 2.43 -9.86	54.50 2.29 -20.00	58.70 2.89 -17.81	91.92 4.11 -41.12	89.05 4.06 -39.95	87.80 2.92 -52.73	77.61 2.62 -45.27	59.38 2.39 -29.20	38.74 2.23 -8.67	29.54 2.11 -0.08
WATERSIDE____6 8 9 23538	21.32 1.11 0.00	20.00 1.01 0.00	19.18 0.95 0.00	19.12 1.07 0.00	18.98 1.02 0.00	19.18 0.95 0.00	22.65 1.10 0.00	24.81 1.32 0.00	25.82 1.55 0.00	26.00 1.63 0.00	29.27 1.76 0.00	30.47 2.23 0.00	31.62 2.18 0.00	33.82 2.12 -1.49	36.60 1.89 -3.21	40.79 2.06 -6.52	46.02 2.20 -5.81	63.77 3.13 -13.95	61.13 2.52 -13.55	51.77 1.74 -17.89	46.42 1.34 -15.36	38.89 1.19 -9.91	32.37 1.59 -2.94	29.05 1.67 -0.03
WATKINRD_115KV_LN8_ILLION 55919	20.23 0.02 0.00	19.01 0.02 0.00	18.24 0.00 0.00	18.06 0.00 0.00	17.98 0.02 0.00	18.25 0.02 0.00	21.57 0.02 0.00	23.52 0.02 0.00	24.27 0.00 0.00	24.40 0.02 0.00	27.53 0.03 0.00	28.44 0.20 0.00	29.68 0.24 0.00	30.34 0.12 0.00	31.62 0.13 0.00	32.37 0.16 0.00	38.23 0.23 0.00	46.87 0.19 0.00	45.23 0.18 0.00	32.27 0.13 0.00	29.78 0.06 0.00	27.79 0.00 0.00	27.87 0.03 0.00	27.35 0.00 0.00
WATSON____69_KV_BK 1 55734	22.11 1.90 0.00	20.66 1.67 0.00	19.73 1.50 0.00	19.56 1.50 0.00	19.49 1.53 0.00	19.86 1.62 0.00	23.57 2.03 0.00	25.31 1.81 0.00	26.38 2.11 0.00	26.57 2.19 0.00	29.96 2.45 0.00	30.78 2.54 0.00	31.63 2.18 -0.01	33.80 2.09 -1.50	36.64 1.92 -3.23	41.00 2.25 -6.54	46.35 2.55 -5.80	63.78 3.41 -13.68	54.03 2.88 -6.09	41.72 2.02 -7.55	41.89 1.52 -10.66	34.75 1.33 -5.63	32.10 1.31 -2.95	29.13 1.75 -0.03
WDELAWARE__HYD 323627	21.47 1.25 0.00	20.07 1.08 0.00	19.28 1.04 0.00	19.12 1.07 0.00	19.02 1.06 0.00	19.29 1.06 0.00	22.88 1.34 0.00	25.07 1.57 0.00	25.97 1.70 0.00	26.15 1.78 0.00	29.46 1.95 0.00	30.81 2.57 0.00	31.88 2.44 0.00	34.34 2.42 -1.71	37.43 2.36 -3.57	42.46 3.00 -7.25	47.84 3.38 -6.46	67.13 4.90 -15.54	64.51 4.37 -15.10	55.32 3.25 -19.93	49.51 2.68 -17.11	40.91 2.08 -11.04	33.23 2.12 -3.28	29.55 2.16 -0.03
WEST BABYLON__IC 23714	21.97 1.76 0.00	20.55 1.56 0.00	19.62 1.39 0.00	19.47 1.41 0.00	19.38 1.42 0.00	19.75 1.51 0.00	23.42 1.87 0.00	25.24 1.74 0.00	26.28 2.01 0.00	26.47 2.10 0.00	29.85 2.34 0.00	30.67 2.43 0.00	31.50 2.06 0.00	33.70 1.99 -1.49	36.47 1.76 -3.22	40.80 2.06 -6.53	46.01 2.20 -5.80	63.18 2.94 -13.55	54.10 2.48 -6.58	42.10 1.74 -8.22	42.01 1.34 -10.95	34.88 1.19 -5.90	32.04 1.25 -2.94	29.02 1.64 -0.03
WEST CANADA__HYD 24049	20.27 0.06 0.00	19.05 0.06 0.00	18.29 0.05 0.00	18.11 0.05 0.00	18.01 0.05 0.00	18.29 0.05 0.00	21.61 0.06 0.00	23.57 0.07 0.00	24.32 0.05 0.00	24.42 0.05 0.00	27.56 0.06 0.00	28.38 0.14 0.00	29.56 0.12 0.00	30.37 0.15 0.00	31.65 0.16 0.00	32.40 0.19 0.00	38.27 0.27 0.00	46.96 0.28 0.00	45.27 0.23 0.00	32.34 0.19 0.00	29.87 0.15 0.00	27.87 0.08 0.00	27.96 0.11 0.00	27.44 0.08 0.00
WESTERN_NY_WIND 24143	20.96 0.75 0.00	19.58 0.59 0.00	18.67 0.44 0.00	18.42 0.36 0.00	18.30 0.34 0.00	18.89 0.66 0.00	22.00 0.45 0.00	23.80 0.30 0.00	24.71 0.44 0.00	24.59 0.22 0.00	27.84 0.33 0.00	28.92 0.68 0.00	30.32 0.88 0.00	31.86 1.42 -0.22	33.77 1.79 -0.49	35.16 1.96 -0.99	41.73 2.85 -0.88	51.50 2.71 -2.11	50.25 3.15 -2.05	37.09 2.25 -2.70	33.32 1.28 -2.32	30.06 0.78 -1.50	29.10 0.81 -0.44	28.07 0.71 0.00

WESTOVER___LESR 323668	20.78 0.57 0.00	19.50 0.51 0.00	18.69 0.46 0.00	18.44 0.38 0.00	18.34 0.38 0.00	18.74 0.51 0.00	22.11 0.56 0.00	24.06 0.56 0.00	24.88 0.61 0.00	24.88 0.51 0.00	28.48 0.52 -0.45	29.40 0.65 -0.50	30.81 0.79 -0.58	32.39 0.97 -1.21	34.55 1.13 -1.92	36.61 1.29 -3.12	43.07 1.67 -3.39	54.37 1.77 -5.91	52.77 1.80 -5.92	40.24 1.29 -6.82	36.34 1.01 -5.60	32.42 0.75 -3.88	29.82 0.64 -1.33	28.31 0.55 -0.41
WETHRSFD_WT_PWR 323626	20.94 0.73 0.00	19.63 0.65 0.00	18.73 0.49 0.00	18.47 0.42 0.00	18.32 0.36 0.00	18.91 0.68 0.00	22.13 0.58 0.00	23.99 0.49 0.00	24.88 0.61 0.00	24.79 0.41 0.00	27.95 0.44 0.00	29.01 0.76 0.00	30.35 0.91 0.00	31.92 1.42 -0.28	33.90 1.79 -0.62	35.40 1.93 -1.26	41.82 2.70 -1.12	51.79 2.43 -2.68	50.26 2.61 -2.60	37.44 1.86 -3.43	33.74 1.07 -2.95	30.35 0.67 -1.90	29.08 0.67 -0.56	27.88 0.52 -0.01
WHAVSTOR_138KV_BK127 55557	21.14 0.93 0.00	19.82 0.84 0.00	19.04 0.80 0.00	18.91 0.85 0.00	18.77 0.81 0.00	19.05 0.82 0.00	22.56 1.01 0.00	24.65 1.15 0.00	25.53 1.26 0.00	25.66 1.29 0.00	28.91 1.40 0.00	30.08 1.84 0.00	31.27 1.83 0.00	33.44 1.78 -1.44	36.23 1.64 -3.10	40.37 1.87 -6.29	45.62 2.01 -5.60	62.85 2.71 -13.46	60.33 2.21 -13.07	50.97 1.57 -17.26	45.78 1.25 -14.81	38.43 1.08 -9.56	31.88 1.20 -2.84	28.64 1.26 -0.03
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	21.14 0.93 0.00	19.82 0.84 0.00	19.04 0.80 0.00	18.91 0.85 0.00	18.77 0.81 0.00	19.05 0.82 0.00	22.56 1.01 0.00	24.65 1.15 0.00	25.53 1.26 0.00	25.66 1.29 0.00	28.91 1.40 0.00	30.08 1.84 0.00	31.27 1.83 0.00	33.44 1.78 -1.44	36.23 1.64 -3.10	40.37 1.87 -6.29	45.62 2.01 -5.60	62.85 2.71 -13.46	60.33 2.21 -13.07	50.97 1.57 -17.26	45.78 1.25 -14.81	38.43 1.08 -9.56	31.88 1.20 -2.84	28.64 1.26 -0.03
WHITEHAL_115KV_TB1 80871	21.81 1.60 0.00	20.41 1.42 0.00	19.55 1.31 0.00	19.41 1.35 0.00	19.29 1.33 0.00	19.62 1.39 0.00	23.29 1.75 0.00	25.45 1.95 0.00	26.31 2.04 0.00	26.30 1.93 0.00	29.62 2.12 0.00	30.95 2.71 0.00	32.41 2.97 0.00	38.36 3.41 -4.73	45.10 3.81 -9.79	55.75 3.67 -19.87	60.37 4.67 -17.69	93.83 6.26 -40.89	90.94 6.17 -39.72	88.94 4.37 -52.43	78.71 3.98 -45.01	60.46 3.64 -29.04	39.77 3.31 -8.62	30.56 3.12 -0.08
WHITEPLN_13_KV_LOAD 356215	21.30 1.09 0.00	19.98 0.99 0.00	19.18 0.95 0.00	19.09 1.03 0.00	18.93 0.97 0.00	19.22 0.98 0.00	22.73 1.19 0.00	24.88 1.39 0.00	25.85 1.58 0.00	26.00 1.63 0.00	29.29 1.79 0.00	30.64 2.40 0.00	31.88 2.44 0.00	33.97 2.27 -1.49	36.81 2.11 -3.21	41.07 2.35 -6.51	46.42 2.62 -5.80	64.06 3.45 -13.93	61.50 2.93 -13.53	52.06 2.06 -17.86	46.72 1.66 -15.33	39.15 1.47 -9.89	32.31 1.53 -2.93	29.00 1.61 -0.03
WM_FLOYD_69_KV_BK2 356380	22.03 1.82 0.00	20.58 1.60 0.00	19.66 1.42 0.00	19.49 1.43 0.00	19.41 1.45 0.00	19.80 1.57 0.00	23.47 1.92 0.00	24.96 1.46 0.00	25.99 1.72 0.00	26.20 1.83 0.00	29.54 2.04 0.00	30.33 2.09 0.00	31.15 1.71 0.00	33.31 1.60 -1.49	36.12 1.42 -3.21	40.47 1.74 -6.52	45.93 2.13 -5.80	63.36 2.89 -13.78	53.35 2.39 -5.91	41.11 1.67 -7.30	41.32 1.07 -10.53	34.22 0.92 -5.52	31.65 0.86 -2.94	28.72 1.34 -0.03
WOODARD__115KV_TB2 355635	20.23 0.02 0.00	18.99 0.00 0.00	18.20 -0.04 0.00	18.00 -0.05 0.00	17.92 -0.04 0.00	18.27 0.04 0.00	21.55 0.00 0.00	23.47 -0.02 0.00	24.20 -0.07 0.00	24.27 -0.10 0.00	28.19 -0.08 -0.76	29.08 -0.03 -0.86	30.48 0.06 -0.98	31.53 0.12 -1.19	33.37 0.25 -1.63	34.49 0.32 -1.96	41.35 0.53 -2.81	50.04 0.42 -2.94	48.65 0.45 -3.16	34.92 0.32 -2.45	31.61 0.21 -1.68	29.35 0.03 -1.54	28.59 -0.03 -0.77	27.91 -0.14 -0.69
YORK___WARBASSE 23770	21.47 1.25 -0.01	20.11 1.12 0.00	19.29 1.06 0.00	19.26 1.19 -0.01	19.12 1.15 -0.01	19.27 1.04 0.00	22.71 1.16 0.00	24.88 1.39 0.00	25.89 1.63 0.00	26.10 1.73 0.00	29.38 1.87 0.00	30.61 2.37 0.00	31.68 2.24 0.00	33.91 2.21 -1.49	36.66 1.95 -3.21	40.89 2.16 -6.52	46.09 2.28 -5.81	63.91 3.27 -13.95	61.31 2.70 -13.55	51.87 1.83 -17.89	46.48 1.40 -15.36	38.95 1.25 -9.91	32.57 1.78 -2.94	29.25 1.86 -0.04