

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		06/19/2023																										
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	EDT	21.04	19.27	17.87	17.15	17.08	17.61	20.21	21.96	23.96	24.98	25.22	25.84	26.84	28.77	32.66	32.83	39.88	44.80	41.12	36.93	32.32	31.00	26.14	23.39			
		1.38	1.18	1.09	1.11	1.04	1.06	1.39	1.57	1.79	2.08	2.21	2.22	2.37	2.55	2.89	2.95	3.65	4.21	3.47	2.81	2.45	2.35	1.98	1.71			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-0.19	-0.62	-0.60	-1.15	-1.59	-0.74	-0.28	0.00	0.00	0.00	0.00			
74TH STREET_GT_1 24260		21.10	19.30	17.89	17.18	17.10	17.61	20.21	21.96	23.96	25.00	25.18	25.84	26.84	28.76	32.68	32.79	39.84	44.75	41.12	36.93	32.35	31.03	26.16	23.42			
		1.44	1.21	1.11	1.14	1.06	1.06	1.39	1.57	1.80	2.11	2.16	2.22	2.37	2.55	2.92	2.93	3.61	4.17	3.47	2.81	2.48	2.38	2.00	1.73			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-0.19	-0.61	-0.60	-1.15	-1.59	-0.74	-0.28	0.00	0.00	0.00	0.00			
74TH STREET_GT_2 24261		21.10	19.30	17.89	17.18	17.10	17.61	20.21	21.96	23.96	25.00	25.18	25.84	26.84	28.76	32.68	32.79	39.84	44.75	41.12	36.93	32.35	31.03	26.16	23.42			
		1.44	1.21	1.11	1.14	1.06	1.06	1.39	1.57	1.80	2.11	2.16	2.22	2.37	2.55	2.92	2.93	3.61	4.17	3.47	2.81	2.48	2.38	2.00	1.73			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-0.19	-0.61	-0.60	-1.15	-1.59	-0.74	-0.28	0.00	0.00	0.00	0.00			
ADK HUDSON___FALLS 24011		20.84	19.12	17.70	16.99	16.94	17.51	19.95	21.66	23.47	24.22	24.28	24.87	25.63	26.96	29.88	30.05	35.79	41.23	38.87	36.22	32.44	31.06	25.99	23.18			
		1.18	1.03	0.92	0.95	0.90	0.96	1.13	1.26	1.31	1.33	1.27	1.25	1.29	1.14	1.40	1.43	1.96	2.53	2.77	2.67	2.57	2.41	1.84	1.50			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.21	0.67	0.66	1.25	0.30	0.81	0.30	0.00	0.00	0.00	0.00			
ADK RESOURCE___RCVRY 23798		20.96	19.25	17.81	17.09	17.04	17.61	20.06	21.80	23.63	24.36	24.44	25.01	25.75	27.09	30.04	30.20	36.02	41.53	39.17	36.52	32.74	31.32	26.21	23.33			
		1.30	1.16	1.02	1.04	0.99	1.06	1.24	1.41	1.46	1.47	1.43	1.39	1.41	1.27	1.54	1.58	2.18	2.81	3.06	2.98	2.87	2.66	2.05	1.65			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.21	0.66	0.65	1.23	0.27	0.79	0.30	0.00	0.00	0.00	0.00			
ADK S GLENS___FALLS 24028		20.84	19.12	17.70	16.99	16.94	17.51	19.95	21.66	23.47	24.22	24.28	24.87	25.63	26.96	29.88	30.05	35.79	41.23	38.87	36.22	32.44	31.06	25.99	23.18			
		1.18	1.03	0.92	0.95	0.90	0.96	1.13	1.26	1.31	1.33	1.27	1.25	1.29	1.14	1.40	1.43	1.96	2.53	2.77	2.67	2.57	2.41	1.84	1.50			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.21	0.67	0.66	1.25	0.30	0.81	0.30	0.00	0.00	0.00	0.00			
ADK_NYS___DAM 23527		20.66	18.96	17.60	16.88	16.86	17.37	19.85	21.41	23.21	24.01	24.16	24.78	25.46	26.87	29.15	29.35	34.40	39.51	37.42	35.00	31.48	30.20	25.41	22.74			
		1.00	0.87	0.82	0.83	0.82	0.83	1.03	1.02	1.04	1.12	1.15	1.16	1.20	1.27	1.37	1.43	1.89	2.42	2.18	1.79	1.61	1.55	1.26	1.06			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.43	1.37	1.35	2.58	1.90	1.66	0.63	0.00	0.00	0.00	0.00			
AIR_PRODUCTS___DRP 24190		20.07	18.42	17.17	16.46	16.43	16.91	19.27	20.82	22.52	23.33	23.47	24.09	24.86	26.40	29.29	29.44	35.02	39.84	37.29	34.40	30.65	29.40	24.74	22.14			
		0.41	0.33	0.39	0.42	0.38	0.36	0.45	0.43	0.35	0.43	0.46	0.47	0.51	0.55	0.67	0.70	0.95	1.25	1.03	0.81	0.78	0.74	0.58	0.46			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.17	0.54	0.53	1.01	0.40	0.65	0.25	0.00	0.00	0.00	0.00			
AKWESSNE_115KV_BK 355683		19.19	17.75	16.50	15.76	15.77	16.27	18.37	20.05	21.79	22.48	22.60	23.20	23.94	25.50	28.54	28.68	34.31	38.21	36.10	33.06	29.18	27.99	23.72	21.18			
		-0.47	-0.34	-0.29	-0.29	-0.27	-0.28	-0.45	-0.35	-0.38	-0.41	-0.41	-0.43	-0.46	-0.52	-0.61	-0.59	-0.77	-0.78	-0.81	-0.78	-0.69	-0.66	-0.43	-0.50			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY___1 23571		20.07	18.42	17.17	16.46	16.43	16.91	19.27	20.82	22.52	23.33	23.47	24.09	24.86	26.40	29.29	29.44	35.02	39.84	37.29	34.40	30.65	29.40	24.74	22.14			
		0.41	0.33	0.39	0.42	0.38	0.36	0.45	0.43	0.35	0.43	0.46	0.47	0.51	0.55	0.67	0.70	0.95	1.25	1.03	0.81	0.78	0.74	0.58	0.46			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.17	0.54	0.53	1.01	0.40	0.65	0.25	0.00	0.00	0.00	0.00			
ALBANY___2 23572		20.07	18.42	17.17	16.46	16.43	16.91	19.27	20.82	22.52	23.33	23.47	24.09	24.86	26.40	29.29	29.44	35.02	39.84	37.29	34.40	30.65	29.40	24.74	22.14			
		0.41	0.33	0.39	0.42	0.38	0.36	0.45	0.43	0.35	0.43	0.46	0.47	0.51	0.55	0.67	0.70	0.95	1.25	1.03	0.81	0.78	0.74	0.58	0.46			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.17	0.54	0.53	1.01	0.40	0.65	0.25	0.00	0.00	0.00	0.00			
ALBANY___3 23573		20.07	18.42	17.17	16.46	16.43	16.91	19.27	20.82	22.52	23.33	23.47	24.09	24.86	26.40	29.29	29.44	35.02	39.84	37.29	34.40	30.65	29.40	24.74	22.14			
		0.41	0.33	0.39	0.42	0.38	0.36	0.45	0.43	0.35	0.43	0.46	0.47	0.51	0.55	0.67	0.70	0.95	1.25	1.03	0.81	0.78	0.74	0.58	0.46			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.17	0.54	0.53	1.01	0.40	0.65	0.25	0.00	0.00	0.00	0.00			

ALBANY___4 23574	20.07 0.41 0.00	18.42 0.33 0.00	17.17 0.39 0.00	16.46 0.42 0.00	16.43 0.38 0.00	16.91 0.36 0.00	19.27 0.45 0.00	20.82 0.43 0.00	22.52 0.35 0.00	23.33 0.43 0.00	23.47 0.46 0.00	24.09 0.47 0.00	24.86 0.51 0.06	26.40 0.55 0.17	29.29 0.67 0.54	29.44 0.70 0.53	35.02 0.95 1.01	39.84 1.25 0.40	37.29 1.03 0.65	34.40 0.81 0.25	30.65 0.78 0.00	29.40 0.74 0.00	24.74 0.58 0.00	22.14 0.46 0.00
ALBANY___LFGE 323615	20.27 0.61 0.00	18.62 0.53 0.00	17.30 0.52 0.00	16.59 0.55 0.00	16.55 0.51 0.00	17.06 0.51 0.00	19.44 0.62 0.00	21.03 0.63 0.00	22.74 0.58 0.00	23.56 0.66 0.00	23.73 0.71 0.00	24.33 0.71 0.00	25.10 0.76 0.06	26.67 0.83 0.18	29.54 0.96 0.58	29.72 1.02 0.57	35.33 1.33 1.09	40.28 1.68 0.38	37.69 1.48 0.70	34.79 1.22 0.27	31.01 1.13 0.00	29.74 1.09 0.00	25.00 0.85 0.00	22.38 0.69 0.00
ALCOA_PA_115KV_PL-6C 55860	19.29 -0.37 0.00	17.84 -0.25 0.00	16.58 -0.20 0.00	15.84 -0.21 0.00	15.83 -0.21 0.00	16.35 -0.20 0.00	18.44 -0.38 0.00	20.13 -0.27 0.00	21.88 -0.29 0.00	22.55 -0.34 0.00	22.69 -0.32 0.00	23.27 -0.35 0.00	24.04 -0.37 0.00	25.61 -0.42 0.00	28.66 -0.50 0.00	28.83 -0.44 0.00	34.41 -0.67 0.00	38.33 -0.66 0.00	36.21 -0.70 0.00	33.20 -0.64 0.00	29.27 -0.60 0.00	28.13 -0.52 0.00	23.87 -0.29 0.00	21.31 -0.37 0.00
ALCOA_RYNLDS___DRP 24188	19.29 -0.37 0.00	17.84 -0.25 0.00	16.58 -0.20 0.00	15.84 -0.21 0.00	15.83 -0.21 0.00	16.35 -0.20 0.00	18.44 -0.38 0.00	20.13 -0.27 0.00	21.88 -0.29 0.00	22.55 -0.34 0.00	22.69 -0.32 0.00	23.27 -0.35 0.00	24.04 -0.37 0.00	25.61 -0.42 0.00	28.66 -0.50 0.00	28.83 -0.44 0.00	34.41 -0.67 0.00	38.33 -0.66 0.00	36.21 -0.70 0.00	33.20 -0.64 0.00	29.27 -0.60 0.00	28.13 -0.52 0.00	23.87 -0.29 0.00	21.31 -0.37 0.00
ALCOA___DSASP 323711	19.29 -0.37 0.00	17.84 -0.25 0.00	16.58 -0.20 0.00	15.82 -0.22 0.00	15.83 -0.21 0.00	16.35 -0.20 0.00	18.44 -0.38 0.00	20.13 -0.27 0.00	21.88 -0.29 0.00	22.55 -0.34 0.00	22.69 -0.32 0.00	23.27 -0.35 0.00	24.04 -0.37 0.00	25.61 -0.42 0.00	28.66 -0.50 0.00	28.83 -0.44 0.00	34.41 -0.67 0.00	38.33 -0.66 0.00	36.21 -0.70 0.00	33.16 -0.68 0.00	29.27 -0.60 0.00	28.14 -0.51 0.00	23.87 -0.29 0.00	21.31 -0.37 0.00
ALLEGHENY___COGEN 23514	20.80 1.14 0.00	18.93 0.83 0.00	17.35 0.57 0.00	16.53 0.48 0.00	16.63 0.59 0.00	17.26 0.71 0.00	19.76 0.94 0.00	21.13 0.73 0.00	22.67 0.51 0.00	23.12 0.23 0.00	23.01 0.00 0.00	23.65 0.02 0.00	24.48 0.07 0.00	26.18 0.16 0.00	28.51 -0.64 0.00	28.39 -0.88 0.00	33.99 -1.09 0.00	37.80 -1.25 -0.06	37.17 0.26 0.00	34.75 0.91 0.00	30.80 0.93 0.00	29.34 0.69 0.00	25.29 1.14 0.00	22.92 1.24 0.00
ALTAMONT_115KV_TB 2 55880	20.33 0.67 0.00	18.65 0.56 0.00	17.35 0.57 0.00	16.62 0.58 0.00	16.59 0.55 0.00	17.09 0.55 0.00	19.50 0.68 0.00	21.09 0.69 0.00	22.87 0.71 0.00	23.67 0.78 0.00	23.82 0.81 0.00	24.42 0.80 0.00	25.22 0.85 0.04	26.82 0.91 0.12	29.85 1.08 0.38	29.98 1.08 0.37	35.78 1.40 0.71	40.57 1.72 0.14	37.96 1.51 0.46	34.95 1.29 0.18	31.04 1.16 0.00	29.80 1.15 0.00	25.07 0.92 0.00	22.46 0.78 0.00
ALTONA_WT_PWR 323606	19.82 0.16 0.00	18.31 0.22 0.00	16.97 0.18 0.00	16.29 0.24 0.00	16.31 0.27 0.00	16.86 0.31 0.00	18.97 0.15 0.00	20.76 0.37 0.00	22.56 0.40 0.00	23.24 0.34 0.00	23.36 0.35 0.00	23.95 0.33 0.00	24.77 0.37 0.00	26.41 0.39 0.00	29.56 0.41 0.00	29.73 0.47 0.00	35.50 0.42 0.00	39.65 0.66 0.00	37.39 0.48 0.00	34.18 0.34 0.00	30.08 0.21 0.00	28.77 0.12 0.00	24.30 0.15 0.00	21.73 0.04 0.00
AMERICAN_REF_FUEL 24010	19.76 0.10 0.00	17.95 -0.15 0.00	16.43 -0.35 0.00	15.56 -0.48 0.00	15.66 -0.39 0.00	16.27 -0.28 0.00	18.69 -0.13 0.00	19.90 -0.49 0.00	21.52 -0.64 0.00	22.02 -0.87 0.00	22.30 -0.71 0.00	23.05 -0.57 0.00	23.97 -0.44 0.00	25.35 -0.68 0.00	28.25 -0.90 0.00	27.92 -1.35 0.00	33.19 -1.89 0.00	36.39 -2.65 -0.06	35.14 -1.77 0.00	33.13 -0.71 0.00	29.18 -0.69 0.00	27.82 -0.83 0.00	23.38 -0.77 0.00	21.46 -0.22 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	20.49 0.83 0.00	18.56 0.47 0.00	17.00 0.22 0.00	16.11 0.06 0.00	16.22 0.18 0.00	16.89 0.35 0.00	19.42 0.60 0.00	20.96 0.57 0.00	22.76 0.60 0.00	23.37 0.48 0.00	23.57 0.55 0.00	24.31 0.69 0.00	25.31 0.90 0.00	26.86 0.83 0.00	29.91 0.76 0.00	29.97 0.70 0.00	35.64 0.56 0.00	38.98 -0.08 0.00	37.24 0.33 0.00	34.65 0.81 0.00	30.44 0.57 0.00	28.94 0.29 0.00	24.23 0.07 0.00	22.09 0.41 0.00
ARTHUR_KILL_GT_1 23520	21.12 1.45 -0.01	19.30 1.21 0.00	17.87 1.09 0.00	17.12 1.08 0.00	17.02 0.98 0.00	17.44 0.89 0.00	19.99 1.17 0.00	21.70 1.31 0.00	23.64 1.49 0.01	24.78 1.90 0.01	25.05 2.05 0.01	25.62 2.01 0.01	26.65 2.17 -0.07	28.59 2.37 -0.20	32.47 2.71 -0.61	32.61 2.75 -0.60	39.74 3.51 -1.15	44.67 4.09 -1.59	40.97 3.32 -0.74	36.72 2.61 -0.27	32.10 2.24 0.01	30.88 2.24 0.01	26.15 1.98 -0.01	23.42 1.74 0.00
ARTHUR_KILL_2 23512	21.06 1.40 -0.01	19.25 1.16 0.00	17.82 1.04 0.00	17.09 1.04 0.00	16.99 0.95 0.00	17.41 0.86 0.00	19.95 1.13 0.00	21.64 1.24 0.00	23.60 1.44 0.01	24.72 1.83 0.01	24.99 1.98 0.01	25.57 1.96 0.01	26.58 2.10 -0.07	28.51 2.29 -0.20	32.39 2.62 -0.61	32.53 2.66 -0.60	39.63 3.40 -1.15	44.51 3.94 -1.59	40.85 3.21 -0.74	36.62 2.50 -0.27	32.01 2.15 0.01	30.79 2.15 0.01	26.10 1.93 -0.01	23.35 1.67 0.00
ARTHUR_KILL_3 23513	20.90 1.24 0.00	19.12 1.03 0.00	17.75 0.97 0.00	17.04 1.00 0.00	16.94 0.90 0.00	17.44 0.89 0.00	20.04 1.22 0.00	21.78 1.39 0.00	23.76 1.60 0.00	24.77 1.88 0.00	25.02 2.00 0.00	25.63 2.01 0.00	26.59 2.12 -0.06	28.51 2.29 -0.19	32.34 2.57 -0.62	32.53 2.66 -0.60	39.43 3.19 -1.15	44.29 3.71 -1.59	40.64 2.99 -0.74	36.53 2.40 -0.28	32.02 2.15 0.00	30.71 2.06 0.00	25.94 1.79 0.00	23.20 1.52 0.00
ARTHUR_KILL_COGEN 323718	21.12 1.45 -0.01	19.30 1.21 0.00	17.87 1.09 0.00	17.12 1.08 0.00	17.02 0.98 0.00	17.44 0.89 0.00	19.99 1.17 0.00	21.70 1.31 0.00	23.64 1.49 0.01	24.78 1.90 0.01	25.05 2.05 0.01	25.62 2.01 0.01	26.65 2.17 -0.07	28.59 2.37 -0.20	32.47 2.71 -0.61	32.61 2.75 -0.60	39.74 3.51 -1.15	44.67 4.09 -1.59	40.97 3.32 -0.74	36.72 2.61 -0.27	32.10 2.24 0.01	30.88 2.24 0.01	26.15 1.98 -0.01	23.42 1.74 0.00
ASHOKAN____ 23654	20.33 0.67 0.00	18.69 0.60 0.00	17.40 0.62 0.00	16.59 0.55 0.00	16.57 0.53 0.00	17.09 0.55 0.00	19.55 0.73 0.00	21.17 0.77 0.00	22.99 0.82 0.00	23.81 0.92 0.00	23.91 0.90 0.00	24.50 0.87 0.00	26.02 1.61 0.00	27.77 1.74 0.00	31.22 2.07 0.00	31.43 2.17 0.00	38.03 2.95 0.00	43.07 3.58 -0.50	40.27 3.36 0.00	36.92 3.08 0.00	31.69 1.82 0.00	30.34 1.69 0.00	25.41 1.26 0.00	22.68 1.00 0.00

ASTORIA_EAST_ENERGY_CC1 323581	21.14 1.48 -0.01	19.37 1.27 -0.01	17.98 1.19 -0.01	17.26 1.20 -0.01	17.17 1.12 -0.01	17.54 0.99 0.00	20.08 1.26 0.00	21.76 1.37 0.00	23.73 1.57 0.01	24.94 2.04 -0.01	25.12 2.09 -0.01	25.79 2.17 0.00	26.70 2.22 -0.07	28.62 2.39 -0.20	32.46 2.68 -0.62	32.63 2.75 -0.61	39.54 3.30 -1.16	44.34 3.74 -1.60	40.67 3.03 -0.74	36.58 2.47 -0.27	32.14 2.27 0.00	31.00 2.35 0.00	26.17 2.00 -0.01	23.44 1.76 0.00
ASTORIA_EAST_ENERGY_CC2 323582	21.14 1.48 -0.01	19.37 1.27 -0.01	17.98 1.19 -0.01	17.26 1.20 -0.01	17.17 1.12 -0.01	17.54 0.99 0.00	20.08 1.26 0.00	21.76 1.37 0.00	23.73 1.57 0.01	24.94 2.04 -0.01	25.12 2.09 -0.01	25.79 2.17 0.00	26.70 2.22 -0.07	28.62 2.39 -0.20	32.46 2.68 -0.62	32.63 2.75 -0.61	39.54 3.30 -1.16	44.34 3.74 -1.60	40.67 3.03 -0.74	36.58 2.47 -0.27	32.14 2.27 0.00	31.00 2.35 0.00	26.17 2.00 -0.01	23.44 1.76 0.00
ASTORIA_GT2_1 24094	21.14 1.47 -0.01	19.39 1.28 -0.01	17.97 1.19 0.00	17.25 1.20 0.00	17.16 1.12 0.00	17.54 0.99 0.00	20.10 1.28 0.00	21.78 1.39 0.00	23.76 1.60 0.00	24.96 2.06 -0.01	25.14 2.12 -0.01	25.79 2.17 0.00	26.70 2.22 -0.07	28.62 2.39 -0.20	32.48 2.71 -0.62	32.63 2.75 -0.61	39.53 3.30 -1.16	44.33 3.74 -1.60	40.78 3.14 -0.74	36.59 2.47 -0.28	32.14 2.27 0.00	31.03 2.38 0.00	26.19 2.03 -0.01	23.44 1.76 0.00
ASTORIA_GT2_2 24095	21.14 1.47 -0.01	19.39 1.28 -0.01	17.97 1.19 0.00	17.25 1.20 0.00	17.16 1.12 0.00	17.54 0.99 0.00	20.10 1.28 0.00	21.78 1.39 0.00	23.76 1.60 0.00	24.96 2.06 -0.01	25.14 2.12 -0.01	25.79 2.17 0.00	26.70 2.22 -0.07	28.62 2.39 -0.20	32.48 2.71 -0.62	32.63 2.75 -0.61	39.53 3.30 -1.16	44.33 3.74 -1.60	40.78 3.14 -0.74	36.59 2.47 -0.28	32.14 2.27 0.00	31.03 2.38 0.00	26.19 2.03 -0.01	23.44 1.76 0.00
ASTORIA_GT2_3 24096	21.14 1.47 -0.01	19.39 1.28 -0.01	17.97 1.19 0.00	17.25 1.20 0.00	17.16 1.12 0.00	17.54 0.99 0.00	20.10 1.28 0.00	21.78 1.39 0.00	23.76 1.60 0.00	24.96 2.06 -0.01	25.14 2.12 -0.01	25.79 2.17 0.00	26.70 2.22 -0.07	28.62 2.39 -0.20	32.48 2.71 -0.62	32.63 2.75 -0.61	39.53 3.30 -1.16	44.33 3.74 -1.60	40.78 3.14 -0.74	36.59 2.47 -0.28	32.14 2.27 0.00	31.03 2.38 0.00	26.19 2.03 -0.01	23.44 1.76 0.00
ASTORIA_GT2_4 24097	21.14 1.47 -0.01	19.39 1.28 -0.01	17.97 1.19 0.00	17.25 1.20 0.00	17.16 1.12 0.00	17.54 0.99 0.00	20.10 1.28 0.00	21.78 1.39 0.00	23.76 1.60 0.00	24.96 2.06 -0.01	25.14 2.12 -0.01	25.79 2.17 0.00	26.70 2.22 -0.07	28.62 2.39 -0.20	32.48 2.71 -0.62	32.63 2.75 -0.61	39.53 3.30 -1.16	44.33 3.74 -1.60	40.78 3.14 -0.74	36.59 2.47 -0.28	32.14 2.27 0.00	31.03 2.38 0.00	26.19 2.03 -0.01	23.44 1.76 0.00
ASTORIA_GT3_1 24098	21.14 1.47 -0.01	19.39 1.28 -0.01	17.97 1.19 0.00	17.25 1.20 0.00	17.16 1.12 0.00	17.54 0.99 0.00	20.10 1.28 0.00	21.78 1.39 0.00	23.76 1.60 0.00	24.96 2.06 -0.01	25.14 2.12 -0.01	25.79 2.17 0.00	26.70 2.22 -0.07	28.62 2.39 -0.20	32.48 2.71 -0.62	32.63 2.75 -0.61	39.53 3.30 -1.16	44.33 3.74 -1.60	40.78 3.14 -0.74	36.59 2.47 -0.28	32.14 2.27 0.00	31.03 2.38 0.00	26.19 2.03 -0.01	23.44 1.76 0.00
ASTORIA_GT3_2 24099	21.14 1.47 -0.01	19.39 1.28 -0.01	17.97 1.19 0.00	17.25 1.20 0.00	17.16 1.12 0.00	17.54 0.99 0.00	20.10 1.28 0.00	21.78 1.39 0.00	23.76 1.60 0.00	24.96 2.06 -0.01	25.14 2.12 -0.01	25.79 2.17 0.00	26.70 2.22 -0.07	28.62 2.39 -0.20	32.48 2.71 -0.62	32.63 2.75 -0.61	39.53 3.30 -1.16	44.33 3.74 -1.60	40.78 3.14 -0.74	36.59 2.47 -0.28	32.14 2.27 0.00	31.03 2.38 0.00	26.19 2.03 -0.01	23.44 1.76 0.00
ASTORIA_GT3_3 24100	21.14 1.47 -0.01	19.39 1.28 -0.01	17.97 1.19 0.00	17.25 1.20 0.00	17.16 1.12 0.00	17.54 0.99 0.00	20.10 1.28 0.00	21.78 1.39 0.00	23.76 1.60 0.00	24.96 2.06 -0.01	25.14 2.12 -0.01	25.79 2.17 0.00	26.70 2.22 -0.07	28.62 2.39 -0.20	32.48 2.71 -0.62	32.63 2.75 -0.61	39.53 3.30 -1.16	44.33 3.74 -1.60	40.78 3.14 -0.74	36.59 2.47 -0.28	32.14 2.27 0.00	31.03 2.38 0.00	26.19 2.03 -0.01	23.44 1.76 0.00
ASTORIA_GT3_4 24101	21.14 1.47 -0.01	19.39 1.28 -0.01	17.97 1.19 0.00	17.25 1.20 0.00	17.16 1.12 0.00	17.54 0.99 0.00	20.10 1.28 0.00	21.78 1.39 0.00	23.76 1.60 0.00	24.96 2.06 -0.01	25.14 2.12 -0.01	25.79 2.17 0.00	26.70 2.22 -0.07	28.62 2.39 -0.20	32.48 2.71 -0.62	32.63 2.75 -0.61	39.53 3.30 -1.16	44.33 3.74 -1.60	40.78 3.14 -0.74	36.59 2.47 -0.28	32.14 2.27 0.00	31.03 2.38 0.00	26.19 2.03 -0.01	23.44 1.76 0.00
ASTORIA_GT4_1 24102	21.14 1.47 -0.01	19.39 1.28 -0.01	17.97 1.19 0.00	17.25 1.20 0.00	17.16 1.12 0.00	17.54 0.99 0.00	20.10 1.28 0.00	21.78 1.39 0.00	23.76 1.60 0.00	24.96 2.06 -0.01	25.14 2.12 -0.01	25.79 2.17 0.00	26.70 2.22 -0.07	28.62 2.39 -0.20	32.48 2.71 -0.62	32.63 2.75 -0.61	39.53 3.30 -1.16	44.33 3.74 -1.60	40.78 3.14 -0.74	36.59 2.47 -0.28	32.14 2.27 0.00	31.03 2.38 0.00	26.19 2.03 -0.01	23.44 1.76 0.00
ASTORIA_GT4_2 24103	21.14 1.47 -0.01	19.39 1.28 -0.01	17.97 1.19 0.00	17.25 1.20 0.00	17.16 1.12 0.00	17.54 0.99 0.00	20.10 1.28 0.00	21.78 1.39 0.00	23.76 1.60 0.00	24.96 2.06 -0.01	25.14 2.12 -0.01	25.79 2.17 0.00	26.70 2.22 -0.07	28.62 2.39 -0.20	32.48 2.71 -0.62	32.63 2.75 -0.61	39.53 3.30 -1.16	44.33 3.74 -1.60	40.78 3.14 -0.74	36.59 2.47 -0.28	32.14 2.27 0.00	31.03 2.38 0.00	26.19 2.03 -0.01	23.44 1.76 0.00
ASTORIA_GT4_3 24104	21.14 1.47 -0.01	19.39 1.28 -0.01	17.97 1.19 0.00	17.25 1.20 0.00	17.16 1.12 0.00	17.54 0.99 0.00	20.10 1.28 0.00	21.78 1.39 0.00	23.76 1.60 0.00	24.96 2.06 -0.01	25.14 2.12 -0.01	25.79 2.17 0.00	26.70 2.22 -0.07	28.62 2.39 -0.20	32.48 2.71 -0.62	32.63 2.75 -0.61	39.53 3.30 -1.16	44.33 3.74 -1.60	40.78 3.14 -0.74	36.59 2.47 -0.28	32.14 2.27 0.00	31.03 2.38 0.00	26.19 2.03 -0.01	23.44 1.76 0.00
ASTORIA_GT4_4 24105	21.14 1.47 -0.01	19.39 1.28 -0.01	17.97 1.19 0.00	17.25 1.20 0.00	17.16 1.12 0.00	17.54 0.99 0.00	20.10 1.28 0.00	21.78 1.39 0.00	23.76 1.60 0.00	24.96 2.06 -0.01	25.14 2.12 -0.01	25.79 2.17 0.00	26.70 2.22 -0.07	28.62 2.39 -0.20	32.48 2.71 -0.62	32.63 2.75 -0.61	39.53 3.30 -1.16	44.33 3.74 -1.60	40.78 3.14 -0.74	36.59 2.47 -0.28	32.14 2.27 0.00	31.03 2.38 0.00	26.19 2.03 -0.01	23.44 1.76 0.00
ASTORIA_GT_1 23523	21.18 1.51 -0.01	19.40 1.30 -0.01	18.00 1.21 -0.01	17.29 1.24 -0.01	17.20 1.16 -0.01	17.57 1.03 0.00	20.12 1.30 0.00	21.80 1.41 0.00	23.77 1.62 0.01	25.01 2.10 -0.01	25.19 2.16 -0.01	25.84 2.22 0.00	26.75 2.27 -0.07	28.67 2.45 -0.20	32.52 2.74 -0.62	32.69 2.81 -0.61	39.61 3.37 -1.16	44.42 3.82 -1.60	40.78 3.14 -0.74	36.65 2.54 -0.27	32.23 2.36 0.00	31.08 2.43 0.00	26.24 2.08 -0.01	23.48 1.80 0.00

ASTORIA_GT_10 24110	21.08 1.42 -0.01	19.29 1.19 0.00	17.89 1.11 0.00	17.17 1.12 0.00	17.07 1.03 0.00	17.54 0.99 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.80 1.64 0.00	24.94 2.04 -0.01	25.12 2.09 -0.01	25.77 2.15 0.00	26.75 2.27 -0.07	28.69 2.47 -0.20	32.57 2.80 -0.62	32.72 2.84 -0.61	39.71 3.47 -1.16	44.60 4.02 -1.60	40.93 3.28 -0.74	36.69 2.57 -0.28	32.20 2.33 0.00	30.94 2.29 0.00	26.15 1.98 -0.01	23.37 1.69 0.00
ASTORIA_GT_11 24225	21.08 1.42 -0.01	19.29 1.19 0.00	17.89 1.11 0.00	17.17 1.12 0.00	17.07 1.03 0.00	17.54 0.99 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.80 1.64 0.00	24.94 2.04 -0.01	25.12 2.09 -0.01	25.77 2.15 0.00	26.75 2.27 -0.07	28.69 2.47 -0.20	32.57 2.80 -0.62	32.72 2.84 -0.61	39.71 3.47 -1.16	44.60 4.02 -1.60	40.93 3.28 -0.74	36.69 2.57 -0.28	32.20 2.33 0.00	30.94 2.29 0.00	26.15 1.98 -0.01	23.37 1.69 0.00
ASTORIA_GT_12 24226	21.08 1.42 -0.01	19.29 1.19 0.00	17.89 1.11 0.00	17.17 1.12 0.00	17.08 1.04 0.00	17.54 0.99 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.80 1.64 0.00	24.94 2.04 -0.01	25.19 2.16 -0.01	25.77 2.15 0.00	26.75 2.27 -0.07	28.70 2.47 -0.20	32.55 2.77 -0.62	32.72 2.84 -0.61	39.72 3.47 -1.16	44.61 4.02 -1.60	40.90 3.25 -0.74	36.73 2.61 -0.28	32.20 2.33 0.00	30.94 2.29 0.00	26.15 1.98 -0.01	23.37 1.69 0.00
ASTORIA_GT_13 24227	21.08 1.42 -0.01	19.29 1.19 0.00	17.89 1.11 0.00	17.17 1.12 0.00	17.08 1.04 0.00	17.54 0.99 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.80 1.64 0.00	24.94 2.04 -0.01	25.19 2.16 -0.01	25.77 2.15 0.00	26.75 2.27 -0.07	28.70 2.47 -0.20	32.55 2.77 -0.62	32.72 2.84 -0.61	39.72 3.47 -1.16	44.61 4.02 -1.60	40.90 3.25 -0.74	36.73 2.61 -0.28	32.20 2.33 0.00	30.94 2.29 0.00	26.15 1.98 -0.01	23.37 1.69 0.00
ASTORIA_GT_5 24106	21.18 1.51 -0.01	19.40 1.30 -0.01	18.00 1.21 -0.01	17.29 1.24 -0.01	17.20 1.16 -0.01	17.57 1.03 0.00	20.12 1.30 0.00	21.80 1.41 0.00	23.77 1.62 0.01	25.01 2.10 -0.01	25.19 2.16 -0.01	25.84 2.22 0.00	26.75 2.27 -0.07	28.67 2.45 -0.20	32.52 2.74 -0.62	32.69 2.81 -0.61	39.61 3.37 -1.16	44.42 3.82 -1.60	40.78 3.14 -0.74	36.65 2.54 -0.27	32.23 2.36 0.00	31.08 2.43 0.00	26.24 2.08 -0.01	23.48 1.80 0.00
ASTORIA_GT_7 24107	21.18 1.51 -0.01	19.40 1.30 -0.01	18.00 1.21 -0.01	17.29 1.24 -0.01	17.20 1.16 -0.01	17.57 1.03 0.00	20.12 1.30 0.00	21.80 1.41 0.00	23.77 1.62 0.01	25.01 2.10 -0.01	25.19 2.16 -0.01	25.84 2.22 0.00	26.75 2.27 -0.07	28.67 2.45 -0.20	32.52 2.74 -0.62	32.69 2.81 -0.61	39.61 3.37 -1.16	44.42 3.82 -1.60	40.78 3.14 -0.74	36.65 2.54 -0.27	32.23 2.36 0.00	31.08 2.43 0.00	26.24 2.08 -0.01	23.48 1.80 0.00
ASTORIA_GT_8 24108	21.18 1.51 -0.01	19.40 1.30 -0.01	17.99 1.21 0.00	17.28 1.24 0.00	17.20 1.15 0.00	17.57 1.03 0.00	20.12 1.30 0.00	21.80 1.41 0.00	23.78 1.62 0.00	25.01 2.11 -0.01	25.16 2.14 -0.01	25.84 2.22 0.00	26.75 2.27 -0.07	28.67 2.45 -0.20	32.54 2.77 -0.62	32.69 2.81 -0.61	39.60 3.37 -1.16	44.41 3.82 -1.60	40.86 3.21 -0.74	36.62 2.50 -0.28	32.20 2.33 0.00	31.09 2.44 0.00	26.24 2.08 -0.01	23.48 1.80 0.00
ASTORIA___2 24149	21.14 1.48 -0.01	19.39 1.28 -0.01	17.98 1.19 -0.01	17.27 1.22 -0.01	17.17 1.12 -0.01	17.54 0.99 0.00	20.10 1.28 0.00	21.78 1.39 0.00	23.75 1.60 0.01	24.96 2.06 -0.01	25.14 2.12 -0.01	25.79 2.17 0.00	26.70 2.22 -0.07	28.62 2.39 -0.20	32.46 2.68 -0.62	32.63 2.75 -0.61	39.54 3.30 -1.16	44.34 3.74 -1.60	40.71 3.06 -0.74	36.58 2.47 -0.27	32.17 2.30 0.00	31.03 2.38 0.00	26.19 2.03 -0.01	23.44 1.76 0.00
ASTORIA___3 23516	21.08 1.42 -0.01	19.29 1.19 0.00	17.89 1.11 0.00	17.17 1.12 0.00	17.08 1.04 0.00	17.54 0.99 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.80 1.64 0.00	24.94 2.04 -0.01	25.19 2.16 -0.01	25.77 2.15 0.00	26.75 2.27 -0.07	28.70 2.47 -0.20	32.55 2.77 -0.62	32.72 2.84 -0.61	39.72 3.47 -1.16	44.61 4.02 -1.60	40.90 3.25 -0.74	36.73 2.61 -0.28	32.20 2.33 0.00	30.94 2.29 0.00	26.15 1.98 -0.01	23.37 1.69 0.00
ASTORIA___4 23517	21.08 1.42 -0.01	19.29 1.19 0.00	17.89 1.11 0.00	17.17 1.12 0.00	17.07 1.03 0.00	17.54 0.99 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.80 1.64 0.00	24.94 2.04 -0.01	25.12 2.09 -0.01	25.77 2.15 0.00	26.75 2.27 -0.07	28.69 2.47 -0.20	32.57 2.80 -0.62	32.72 2.84 -0.61	39.71 3.47 -1.16	44.60 4.02 -1.60	40.93 3.28 -0.74	36.69 2.57 -0.28	32.20 2.33 0.00	30.94 2.29 0.00	26.15 1.98 -0.01	23.37 1.69 0.00
ASTORIA___5 23518	21.08 1.42 -0.01	19.29 1.19 0.00	17.89 1.11 0.00	17.17 1.12 0.00	17.08 1.04 0.00	17.54 0.99 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.80 1.64 0.00	24.94 2.04 -0.01	25.19 2.16 -0.01	25.77 2.15 0.00	26.75 2.27 -0.07	28.70 2.47 -0.20	32.55 2.77 -0.62	32.72 2.84 -0.61	39.72 3.47 -1.16	44.61 4.02 -1.60	40.90 3.25 -0.74	36.73 2.61 -0.28	32.20 2.33 0.00	30.94 2.29 0.00	26.15 1.98 -0.01	23.37 1.69 0.00
AST_ENERGY_2_CC3 323677	20.92 1.26 0.00	19.18 1.09 0.00	17.79 1.01 0.00	17.07 1.03 0.00	16.99 0.95 0.00	17.49 0.94 0.00	20.06 1.24 0.00	21.82 1.43 0.00	23.76 1.60 0.00	24.79 1.90 0.00	25.04 2.03 0.00	25.63 2.01 0.00	26.62 2.15 -0.06	28.53 2.32 -0.19	32.36 2.59 -0.62	32.53 2.66 -0.60	39.50 3.26 -1.15	44.37 3.78 -1.59	40.70 3.06 -0.73	36.58 2.47 -0.27	32.04 2.18 0.01	30.77 2.12 0.00	25.97 1.81 0.00	23.22 1.54 0.00
AST_ENERGY_2_CC4 323678	20.92 1.26 0.00	19.18 1.09 0.00	17.79 1.01 0.00	17.07 1.03 0.00	16.99 0.95 0.00	17.49 0.94 0.00	20.06 1.24 0.00	21.82 1.43 0.00	23.76 1.60 0.00	24.79 1.90 0.00	25.04 2.03 0.00	25.63 2.01 0.00	26.62 2.15 -0.06	28.53 2.32 -0.19	32.36 2.59 -0.62	32.53 2.66 -0.60	39.50 3.26 -1.15	44.37 3.78 -1.59	40.70 3.06 -0.73	36.58 2.47 -0.27	32.04 2.18 0.01	30.77 2.12 0.00	25.97 1.81 0.00	23.22 1.54 0.00
ATHENS_STG_1 23668	20.47 0.81 0.00	18.78 0.69 0.00	17.45 0.67 0.00	16.74 0.69 0.00	16.68 0.64 0.00	17.19 0.64 0.00	19.63 0.81 0.00	21.25 0.86 0.00	23.10 0.93 0.00	23.95 1.05 0.00	24.12 1.10 0.00	24.73 1.11 0.00	25.60 1.17 -0.02	27.36 1.27 -0.06	30.82 1.46 -0.21	30.93 1.46 -0.20	37.29 1.82 -0.39	41.96 2.18 -0.78	39.00 1.84 -0.25	35.49 1.56 -0.10	31.25 1.37 0.00	30.00 1.35 0.00	25.24 1.09 0.00	22.63 0.95 0.00
ATHENS_STG_2 23670	20.47 0.81 0.00	18.78 0.69 0.00	17.45 0.67 0.00	16.74 0.69 0.00	16.68 0.64 0.00	17.19 0.64 0.00	19.63 0.81 0.00	21.25 0.86 0.00	23.10 0.93 0.00	23.95 1.05 0.00	24.12 1.10 0.00	24.73 1.11 0.00	25.60 1.17 -0.02	27.36 1.27 -0.06	30.82 1.46 -0.21	30.93 1.46 -0.20	37.29 1.82 -0.39	41.96 2.18 -0.78	39.00 1.84 -0.25	35.49 1.56 -0.10	31.25 1.37 0.00	30.00 1.35 0.00	25.24 1.09 0.00	22.63 0.95 0.00

ATHENS_STG_3 23677	20.47 0.81 0.00	18.78 0.69 0.00	17.45 0.67 0.00	16.74 0.69 0.00	16.68 0.64 0.00	17.19 0.64 0.00	19.63 0.81 0.00	21.25 0.86 0.00	23.10 0.93 0.00	23.95 1.05 0.00	24.12 1.10 0.00	24.73 1.11 0.00	25.60 1.17 -0.02	27.36 1.27 -0.06	30.82 1.46 -0.21	30.93 1.46 -0.20	37.29 1.82 -0.39	41.96 2.18 -0.78	39.00 1.84 -0.25	35.49 1.56 -0.10	31.25 1.37 0.00	30.00 1.35 0.00	25.24 1.09 0.00	22.63 0.95 0.00
AUBURN____LFGE 323710	20.17 0.51 0.00	18.47 0.38 0.00	16.97 0.18 0.00	16.27 0.22 0.00	16.31 0.27 0.00	16.86 0.31 0.00	19.16 0.34 0.00	20.68 0.29 0.00	22.50 0.33 0.00	23.15 0.25 0.00	23.53 0.30 -0.22	24.39 0.33 -0.44	25.32 0.34 -0.58	27.38 0.49 -0.86	31.03 0.52 -1.36	30.89 0.56 -1.07	37.13 0.60 -1.45	40.72 0.47 -1.26	39.07 0.78 -1.38	36.70 0.81 -2.05	32.03 0.66 -1.51	30.23 0.60 -0.98	24.77 0.36 -0.25	22.09 0.41 0.00
BABYLON_RES_REC 323704	21.56 1.89 -0.01	19.75 1.65 -0.01	18.16 1.38 0.00	17.56 1.51 -0.01	17.51 1.46 -0.01	18.04 1.49 -0.01	20.57 1.75 0.00	22.38 1.98 -0.01	24.41 2.24 -0.01	27.05 2.40 -1.75	29.55 2.39 -4.14	31.39 2.38 -5.39	31.43 2.51 -4.51	32.16 2.71 -3.43	37.04 3.18 -4.71	41.59 3.28 -9.05	40.50 4.03 -1.38	45.63 4.60 -2.04	41.66 3.99 -0.77	37.62 3.49 -0.29	32.85 2.87 -0.12	32.06 2.75 -0.66	30.34 2.44 -3.75	23.89 2.19 -0.02
BABYLON__69_KV_BK2 356345	21.74 2.08 0.00	19.92 1.83 0.00	18.31 1.53 0.00	17.70 1.65 0.00	17.66 1.62 0.00	18.18 1.64 0.00	20.76 1.94 0.00	22.60 2.20 0.00	24.65 2.48 0.00	27.32 2.68 -1.75	29.75 2.60 -4.14	31.68 2.67 -5.39	31.72 2.81 -4.51	32.47 3.02 -3.42	37.39 3.53 -4.71	42.00 3.69 -9.04	40.95 4.49 -1.38	46.16 5.15 -2.03	42.13 4.47 -0.76	38.01 3.89 -0.28	33.27 3.29 -0.12	32.43 3.12 -0.66	30.63 2.73 -3.75	24.15 2.45 -0.02
BARON_WINDS____WT_PWR 323822	20.25 0.59 0.00	18.42 0.33 0.00	16.98 0.20 0.00	16.14 0.10 0.00	16.22 0.18 0.00	16.84 0.30 0.00	19.31 0.49 0.00	20.78 0.39 0.00	22.50 0.33 0.00	23.08 0.18 0.00	23.25 0.18 -0.05	24.01 0.28 -0.11	24.91 0.37 -0.14	26.62 0.39 -0.21	29.83 0.35 -0.32	29.84 0.32 -0.25	35.67 0.25 -0.34	39.24 -0.12 -0.37	37.64 0.41 -0.33	35.03 0.71 -0.48	30.79 0.57 -0.36	29.31 0.43 -0.23	24.46 0.24 -0.06	22.20 0.52 0.00
BARRETT_IC_1 23704	21.32 1.65 -0.01	19.53 1.43 -0.01	18.04 1.26 0.00	17.38 1.33 -0.01	17.32 1.27 -0.01	17.84 1.29 -0.01	20.42 1.60 0.00	22.22 1.81 -0.01	24.19 2.02 -0.01	26.82 2.18 -1.75	29.32 2.16 -4.14	31.11 2.10 -5.39	31.13 2.22 -4.51	31.84 2.39 -3.42	36.60 2.74 -4.71	41.06 2.75 -9.04	39.86 3.40 -1.38	44.96 3.94 -2.03	40.95 3.28 -0.76	37.01 2.87 -0.29	32.43 2.45 -0.11	31.66 2.35 -0.66	30.05 2.15 -3.75	23.67 1.97 -0.02
BARRETT_IC_10 23701	21.32 1.65 -0.01	19.53 1.43 -0.01	18.04 1.26 0.00	17.38 1.33 -0.01	17.32 1.27 -0.01	17.84 1.29 -0.01	20.42 1.60 0.00	22.22 1.81 -0.01	24.19 2.02 -0.01	26.82 2.18 -1.75	29.32 2.16 -4.14	31.11 2.10 -5.39	31.13 2.22 -4.51	31.84 2.39 -3.42	36.60 2.74 -4.71	41.06 2.75 -9.04	39.86 3.40 -1.38	44.96 3.94 -2.03	40.95 3.28 -0.76	37.01 2.87 -0.29	32.43 2.45 -0.11	31.66 2.35 -0.66	30.05 2.15 -3.75	23.67 1.97 -0.02
BARRETT_IC_11 23702	21.32 1.65 -0.01	19.53 1.43 -0.01	18.04 1.26 0.00	17.38 1.33 -0.01	17.32 1.27 -0.01	17.84 1.29 -0.01	20.42 1.60 0.00	22.22 1.81 -0.01	24.19 2.02 -0.01	26.82 2.18 -1.75	29.32 2.16 -4.14	31.11 2.10 -5.39	31.13 2.22 -4.51	31.84 2.39 -3.42	36.60 2.74 -4.71	41.06 2.75 -9.04	39.86 3.40 -1.38	44.96 3.94 -2.03	40.95 3.28 -0.76	37.01 2.87 -0.29	32.43 2.45 -0.11	31.66 2.35 -0.66	30.05 2.15 -3.75	23.67 1.97 -0.02
BARRETT_IC_12 23703	21.32 1.65 -0.01	19.53 1.43 -0.01	18.04 1.26 0.00	17.38 1.33 -0.01	17.32 1.27 -0.01	17.84 1.29 -0.01	20.42 1.60 0.00	22.22 1.81 -0.01	24.19 2.02 -0.01	26.82 2.18 -1.75	29.32 2.16 -4.14	31.11 2.10 -5.39	31.13 2.22 -4.51	31.84 2.39 -3.42	36.60 2.74 -4.71	41.06 2.75 -9.04	39.86 3.40 -1.38	44.96 3.94 -2.03	40.95 3.28 -0.76	37.01 2.87 -0.29	32.43 2.45 -0.11	31.66 2.35 -0.66	30.05 2.15 -3.75	23.67 1.97 -0.02
BARRETT_IC_2 23705	21.32 1.65 -0.01	19.53 1.43 -0.01	18.04 1.26 0.00	17.38 1.33 -0.01	17.32 1.27 -0.01	17.84 1.29 -0.01	20.42 1.60 0.00	22.22 1.81 -0.01	24.19 2.02 -0.01	26.82 2.18 -1.75	29.32 2.16 -4.14	31.11 2.10 -5.39	31.13 2.22 -4.51	31.84 2.39 -3.42	36.60 2.74 -4.71	41.06 2.75 -9.04	39.86 3.40 -1.38	44.96 3.94 -2.03	40.95 3.28 -0.76	37.01 2.87 -0.29	32.43 2.45 -0.11	31.66 2.35 -0.66	30.05 2.15 -3.75	23.67 1.97 -0.02
BARRETT_IC_3 23706	21.32 1.65 -0.01	19.53 1.43 -0.01	18.04 1.26 0.00	17.38 1.33 -0.01	17.32 1.27 -0.01	17.84 1.29 -0.01	20.42 1.60 0.00	22.22 1.81 -0.01	24.19 2.02 -0.01	26.82 2.18 -1.75	29.32 2.16 -4.14	31.11 2.10 -5.39	31.13 2.22 -4.51	31.84 2.39 -3.42	36.60 2.74 -4.71	41.06 2.75 -9.04	39.86 3.40 -1.38	44.96 3.94 -2.03	40.95 3.28 -0.76	37.01 2.87 -0.29	32.43 2.45 -0.11	31.66 2.35 -0.66	30.05 2.15 -3.75	23.67 1.97 -0.02
BARRETT_IC_4 23707	21.32 1.65 -0.01	19.53 1.43 -0.01	18.04 1.26 0.00	17.38 1.33 -0.01	17.32 1.27 -0.01	17.84 1.29 -0.01	20.42 1.60 0.00	22.22 1.81 -0.01	24.19 2.02 -0.01	26.82 2.18 -1.75	29.32 2.16 -4.14	31.11 2.10 -5.39	31.13 2.22 -4.51	31.84 2.39 -3.42	36.60 2.74 -4.71	41.06 2.75 -9.04	39.86 3.40 -1.38	44.96 3.94 -2.03	40.95 3.28 -0.76	37.01 2.87 -0.29	32.43 2.45 -0.11	31.66 2.35 -0.66	30.05 2.15 -3.75	23.67 1.97 -0.02
BARRETT_IC_5 23708	21.32 1.65 -0.01	19.53 1.43 -0.01	18.04 1.26 0.00	17.38 1.33 -0.01	17.32 1.27 -0.01	17.84 1.29 -0.01	20.42 1.60 0.00	22.22 1.81 -0.01	24.19 2.02 -0.01	26.82 2.18 -1.75	29.32 2.16 -4.14	31.11 2.10 -5.39	31.13 2.22 -4.51	31.84 2.39 -3.42	36.60 2.74 -4.71	41.06 2.75 -9.04	39.86 3.40 -1.38	44.96 3.94 -2.03	40.95 3.28 -0.76	37.01 2.87 -0.29	32.43 2.45 -0.11	31.66 2.35 -0.66	30.05 2.15 -3.75	23.67 1.97 -0.02
BARRETT_IC_6 23709	21.32 1.65 -0.01	19.53 1.43 -0.01	18.04 1.26 0.00	17.38 1.33 -0.01	17.32 1.27 -0.01	17.84 1.29 -0.01	20.42 1.60 0.00	22.22 1.81 -0.01	24.19 2.02 -0.01	26.82 2.18 -1.75	29.32 2.16 -4.14	31.11 2.10 -5.39	31.13 2.22 -4.51	31.84 2.39 -3.42	36.60 2.74 -4.71	41.06 2.75 -9.04	39.86 3.40 -1.38	44.96 3.94 -2.03	40.95 3.28 -0.76	37.01 2.87 -0.29	32.43 2.45 -0.11	31.66 2.35 -0.66	30.05 2.15 -3.75	23.67 1.97 -0.02
BARRETT_IC_7 23710	21.31 1.65 0.00	19.52 1.43 0.00	18.04 1.26 0.00	17.38 1.33 0.00	17.31 1.27 0.00	17.84 1.29 0.00	20.42 1.60 0.00	22.21 1.82 0.00	24.18 2.02 0.00	26.82 2.17 -1.75	29.27 2.12 -4.14	31.11 2.10 -5.39	31.13 2.22 -4.51	31.84 2.39 -3.42	36.60 2.74 -4.71	41.06 2.75 -9.04	39.86 3.40 -1.37	44.95 3.94 -2.02	40.99 3.32 -0.76	37.00 2.88 -0.28	32.43 2.45 -0.11	31.66 2.35 -0.66	30.05 2.15 -3.75	23.67 1.97 -0.02

BARRETT_IC_8 23711	21.32 1.65 -0.01	19.53 1.43 -0.01	18.04 1.26 0.00	17.38 1.33 -0.01	17.32 1.27 -0.01	17.84 1.29 -0.01	20.42 1.60 0.00	22.22 1.81 -0.01	24.19 2.02 -0.01	26.82 2.18 -1.75	29.32 2.16 -4.14	31.11 2.10 -5.39	31.13 2.22 -4.51	31.84 2.39 -3.42	36.60 2.74 -4.71	41.06 2.75 -9.04	39.86 3.40 -1.38	44.96 3.94 -2.03	40.95 3.28 -0.76	37.01 2.87 -0.29	32.43 2.45 -0.11	31.66 2.35 -0.66	30.05 2.15 -3.75	23.67 1.97 -0.02
BARRETT_IC_9 23700	21.32 1.65 -0.01	19.53 1.43 -0.01	18.04 1.26 0.00	17.38 1.33 -0.01	17.32 1.27 -0.01	17.84 1.29 -0.01	20.42 1.60 0.00	22.22 1.81 -0.01	24.19 2.02 -0.01	26.82 2.18 -1.75	29.32 2.16 -4.14	31.11 2.10 -5.39	31.13 2.22 -4.51	31.84 2.39 -3.42	36.60 2.74 -4.71	41.06 2.75 -9.04	39.86 3.40 -1.38	44.96 3.94 -2.03	40.95 3.28 -0.76	37.01 2.87 -0.29	32.43 2.45 -0.11	31.66 2.35 -0.66	30.05 2.15 -3.75	23.67 1.97 -0.02
BARRETT___1 23545	21.32 1.65 -0.01	19.53 1.43 -0.01	18.04 1.26 0.00	17.38 1.33 -0.01	17.32 1.27 -0.01	17.84 1.29 -0.01	20.42 1.60 0.00	22.22 1.81 -0.01	24.19 2.02 -0.01	26.82 2.18 -1.75	29.32 2.16 -4.14	31.11 2.10 -5.39	31.13 2.22 -4.51	31.84 2.39 -3.42	36.60 2.74 -4.71	41.06 2.75 -9.04	39.86 3.40 -1.38	44.96 3.94 -2.03	40.95 3.28 -0.76	37.01 2.87 -0.29	32.43 2.45 -0.11	31.66 2.35 -0.66	30.05 2.15 -3.75	23.67 1.97 -0.02
BARRETT___2 23546	21.32 1.65 -0.01	19.53 1.43 -0.01	18.04 1.26 0.00	17.38 1.33 -0.01	17.32 1.27 -0.01	17.84 1.29 -0.01	20.42 1.60 0.00	22.22 1.81 -0.01	24.19 2.02 -0.01	26.82 2.18 -1.75	29.32 2.16 -4.14	31.11 2.10 -5.39	31.13 2.22 -4.51	31.84 2.39 -3.42	36.60 2.74 -4.71	41.06 2.75 -9.04	39.86 3.40 -1.38	44.96 3.94 -2.03	40.95 3.28 -0.76	37.01 2.87 -0.29	32.43 2.45 -0.11	31.66 2.35 -0.66	30.05 2.15 -3.75	23.67 1.97 -0.02
BATAVIA___115KV_TB1 55881	20.31 0.65 0.00	18.47 0.38 0.00	16.88 0.10 0.00	16.05 0.00 0.00	16.15 0.11 0.00	16.76 0.22 0.00	19.27 0.45 0.00	20.66 0.27 0.00	22.41 0.24 0.00	22.92 0.02 0.00	23.29 0.28 0.00	23.93 0.31 0.00	24.82 0.41 0.00	26.31 0.29 0.00	29.27 0.12 0.00	29.15 -0.12 0.00	34.73 -0.35 0.00	38.22 -0.82 0.00	36.94 0.04 0.00	34.72 0.88 0.00	30.62 0.75 0.00	29.17 0.52 0.00	24.45 0.29 0.00	22.31 0.63 0.00
BAYONEEC___CTG1 323682	20.96 1.30 0.00	19.20 1.10 0.00	17.81 1.02 0.00	17.09 1.04 0.00	16.99 0.95 0.00	17.51 0.96 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.80 1.64 0.00	24.84 1.94 0.00	25.09 2.07 0.00	25.68 2.05 0.00	26.64 2.17 -0.06	28.58 2.37 -0.19	32.42 2.65 -0.62	32.59 2.72 -0.60	39.57 3.33 -1.15	44.41 3.82 -1.59	40.79 3.14 -0.74	36.66 2.54 -0.28	32.11 2.24 0.00	30.83 2.18 0.00	26.02 1.86 0.00	23.26 1.58 0.00
BAYONEEC___CTG10 323750	20.96 1.30 0.00	19.20 1.10 0.00	17.81 1.02 0.00	17.09 1.04 0.00	16.99 0.95 0.00	17.51 0.96 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.80 1.64 0.00	24.84 1.94 0.00	25.09 2.07 0.00	25.68 2.05 0.00	26.64 2.17 -0.06	28.58 2.37 -0.19	32.42 2.65 -0.62	32.59 2.72 -0.60	39.57 3.33 -1.15	44.41 3.82 -1.59	40.79 3.14 -0.74	36.66 2.54 -0.28	32.11 2.24 0.00	30.83 2.18 0.00	26.02 1.86 0.00	23.26 1.58 0.00
BAYONEEC___CTG2 323683	20.96 1.30 0.00	19.20 1.10 0.00	17.81 1.02 0.00	17.09 1.04 0.00	16.99 0.95 0.00	17.51 0.96 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.80 1.64 0.00	24.84 1.94 0.00	25.09 2.07 0.00	25.68 2.05 0.00	26.64 2.17 -0.06	28.58 2.37 -0.19	32.42 2.65 -0.62	32.59 2.72 -0.60	39.57 3.33 -1.15	44.41 3.82 -1.59	40.79 3.14 -0.74	36.66 2.54 -0.28	32.11 2.24 0.00	30.83 2.18 0.00	26.02 1.86 0.00	23.26 1.58 0.00
BAYONEEC___CTG3 323684	20.96 1.30 0.00	19.20 1.10 0.00	17.81 1.02 0.00	17.09 1.04 0.00	16.99 0.95 0.00	17.51 0.96 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.80 1.64 0.00	24.84 1.94 0.00	25.09 2.07 0.00	25.68 2.05 0.00	26.64 2.17 -0.06	28.58 2.37 -0.19	32.42 2.65 -0.62	32.59 2.72 -0.60	39.57 3.33 -1.15	44.41 3.82 -1.59	40.79 3.14 -0.74	36.66 2.54 -0.28	32.11 2.24 0.00	30.83 2.18 0.00	26.02 1.86 0.00	23.26 1.58 0.00
BAYONEEC___CTG4 323685	20.96 1.30 0.00	19.20 1.10 0.00	17.81 1.02 0.00	17.09 1.04 0.00	16.99 0.95 0.00	17.51 0.96 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.80 1.64 0.00	24.84 1.94 0.00	25.09 2.07 0.00	25.68 2.05 0.00	26.64 2.17 -0.06	28.58 2.37 -0.19	32.42 2.65 -0.62	32.59 2.72 -0.60	39.57 3.33 -1.15	44.41 3.82 -1.59	40.79 3.14 -0.74	36.66 2.54 -0.28	32.11 2.24 0.00	30.83 2.18 0.00	26.02 1.86 0.00	23.26 1.58 0.00
BAYONEEC___CTG5 323686	20.96 1.30 0.00	19.20 1.10 0.00	17.81 1.02 0.00	17.09 1.04 0.00	16.99 0.95 0.00	17.51 0.96 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.80 1.64 0.00	24.84 1.94 0.00	25.09 2.07 0.00	25.68 2.05 0.00	26.64 2.17 -0.06	28.58 2.37 -0.19	32.42 2.65 -0.62	32.59 2.72 -0.60	39.57 3.33 -1.15	44.41 3.82 -1.59	40.79 3.14 -0.74	36.66 2.54 -0.28	32.11 2.24 0.00	30.83 2.18 0.00	26.02 1.86 0.00	23.26 1.58 0.00
BAYONEEC___CTG6 323687	20.96 1.30 0.00	19.20 1.10 0.00	17.81 1.02 0.00	17.09 1.04 0.00	16.99 0.95 0.00	17.51 0.96 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.80 1.64 0.00	24.84 1.94 0.00	25.09 2.07 0.00	25.68 2.05 0.00	26.64 2.17 -0.06	28.58 2.37 -0.19	32.42 2.65 -0.62	32.59 2.72 -0.60	39.57 3.33 -1.15	44.41 3.82 -1.59	40.79 3.14 -0.74	36.66 2.54 -0.28	32.11 2.24 0.00	30.83 2.18 0.00	26.02 1.86 0.00	23.26 1.58 0.00
BAYONEEC___CTG7 323688	20.96 1.30 0.00	19.20 1.10 0.00	17.81 1.02 0.00	17.09 1.04 0.00	16.99 0.95 0.00	17.51 0.96 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.80 1.64 0.00	24.84 1.94 0.00	25.09 2.07 0.00	25.68 2.05 0.00	26.64 2.17 -0.06	28.58 2.37 -0.19	32.42 2.65 -0.62	32.59 2.72 -0.60	39.57 3.33 -1.15	44.41 3.82 -1.59	40.79 3.14 -0.74	36.66 2.54 -0.28	32.11 2.24 0.00	30.83 2.18 0.00	26.02 1.86 0.00	23.26 1.58 0.00
BAYONEEC___CTG8 323689	20.96 1.30 0.00	19.20 1.10 0.00	17.81 1.02 0.00	17.09 1.04 0.00	16.99 0.95 0.00	17.51 0.96 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.80 1.64 0.00	24.84 1.94 0.00	25.09 2.07 0.00	25.68 2.05 0.00	26.64 2.17 -0.06	28.58 2.37 -0.19	32.42 2.65 -0.62	32.59 2.72 -0.60	39.57 3.33 -1.15	44.41 3.82 -1.59	40.79 3.14 -0.74	36.66 2.54 -0.28	32.11 2.24 0.00	30.83 2.18 0.00	26.02 1.86 0.00	23.26 1.58 0.00
BAYONEEC___CTG9 323749	20.96 1.30 0.00	19.20 1.10 0.00	17.81 1.02 0.00	17.09 1.04 0.00	16.99 0.95 0.00	17.51 0.96 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.80 1.64 0.00	24.84 1.94 0.00	25.09 2.07 0.00	25.68 2.05 0.00	26.64 2.17 -0.06	28.58 2.37 -0.19	32.42 2.65 -0.62	32.59 2.72 -0.60	39.57 3.33 -1.15	44.41 3.82 -1.59	40.79 3.14 -0.74	36.66 2.54 -0.28	32.11 2.24 0.00	30.83 2.18 0.00	26.02 1.86 0.00	23.26 1.58 0.00

BEACON___LESR 323632	20.33 0.67 0.00	18.67 0.58 0.00	17.37 0.59 0.00	16.64 0.59 0.00	16.60 0.56 0.00	17.13 0.58 0.00	19.52 0.70 0.00	21.11 0.71 0.00	22.83 0.66 0.00	23.63 0.73 0.00	23.84 0.83 0.00	24.42 0.80 0.00	25.20 0.85 0.06	26.78 0.94 0.18	29.70 1.11 0.56	29.88 1.17 0.55	35.53 1.51 1.06	40.49 1.95 0.45	37.96 1.74 0.68	35.03 1.45 0.26	31.25 1.37 0.00	29.97 1.32 0.00	25.17 1.01 0.00	22.51 0.82 0.00
BEAVER RIVER___HYD 24048	19.72 0.06 0.00	18.15 0.05 0.00	16.85 0.07 0.00	16.08 0.03 0.00	16.07 0.03 0.00	16.60 0.05 0.00	18.90 0.08 0.00	20.41 0.02 0.00	22.19 0.02 0.00	22.78 -0.11 0.00	23.01 -0.09 -0.08	23.72 -0.07 -0.17	24.56 -0.07 -0.22	26.41 0.05 -0.33	29.77 0.09 -0.52	29.83 0.15 -0.42	35.79 0.14 -0.57	39.43 -0.04 -0.47	37.74 0.29 -0.54	35.38 0.74 -0.80	31.17 0.72 -0.59	29.75 0.72 -0.38	24.79 0.53 -0.10	22.16 0.48 0.00
BEEBEE_GT_13 23619	19.99 0.33 0.00	18.26 0.16 0.00	16.77 -0.02 0.00	15.95 -0.10 0.00	16.02 -0.02 0.00	16.60 0.05 0.00	19.03 0.21 0.00	20.45 0.06 0.00	22.23 0.07 0.00	22.82 -0.07 0.00	23.18 0.16 0.00	23.86 0.24 0.00	24.67 0.27 0.00	26.23 0.21 0.00	29.21 0.06 0.00	29.06 -0.20 0.00	34.70 -0.39 0.00	38.29 -0.74 -0.04	36.80 -0.11 0.00	34.31 0.47 0.00	30.23 0.36 0.00	28.88 0.23 0.00	24.20 0.05 0.00	22.01 0.33 0.00
BENSHRST_27_KV_BENSHRST_1 355998	21.24 1.57 -0.01	19.41 1.32 0.00	17.97 1.19 0.00	17.23 1.19 0.00	17.13 1.09 0.00	17.57 1.03 0.00	20.17 1.36 0.00	21.92 1.53 0.00	23.92 1.75 0.00	25.05 2.15 -0.01	25.23 2.21 -0.01	25.91 2.29 0.00	26.94 2.46 -0.07	28.90 2.68 -0.20	32.83 3.06 -0.62	32.95 3.07 -0.61	40.10 3.86 -1.16	45.07 4.48 -1.60	41.37 3.73 -0.74	37.06 2.94 -0.28	32.44 2.57 0.00	31.17 2.52 0.00	26.36 2.20 -0.01	23.57 1.89 0.00
BETHLEHEM___GRP 23843	20.07 0.41 0.00	18.42 0.33 0.00	17.17 0.39 0.00	16.46 0.42 0.00	16.43 0.38 0.00	16.91 0.36 0.00	19.27 0.45 0.00	20.82 0.43 0.00	22.52 0.35 0.00	23.33 0.43 0.00	23.47 0.46 0.00	24.09 0.47 0.00	24.86 0.51 0.06	26.40 0.55 0.17	29.29 0.67 0.54	29.44 0.70 0.53	35.02 0.95 1.01	39.84 1.25 0.40	37.29 1.03 0.65	34.40 0.81 0.25	30.65 0.78 0.00	29.40 0.74 0.00	24.74 0.58 0.00	22.14 0.46 0.00
BETHLEHEM___GS1 323560	20.07 0.41 0.00	18.44 0.34 0.00	17.17 0.39 0.00	16.46 0.42 0.00	16.43 0.38 0.00	16.91 0.36 0.00	19.27 0.45 0.00	20.82 0.43 0.00	22.52 0.35 0.00	23.33 0.43 0.00	23.50 0.48 0.00	24.09 0.47 0.00	24.86 0.51 0.06	26.40 0.55 0.17	29.26 0.64 0.53	29.44 0.70 0.53	35.03 0.95 1.00	39.84 1.25 0.39	37.29 1.03 0.65	34.40 0.81 0.25	30.65 0.78 0.00	29.39 0.74 0.00	24.74 0.58 0.00	22.14 0.46 0.00
BETHLEHEM___GS2 323561	20.07 0.41 0.00	18.44 0.34 0.00	17.17 0.39 0.00	16.46 0.42 0.00	16.43 0.38 0.00	16.91 0.36 0.00	19.27 0.45 0.00	20.82 0.43 0.00	22.52 0.35 0.00	23.33 0.43 0.00	23.50 0.48 0.00	24.09 0.47 0.00	24.86 0.51 0.06	26.40 0.55 0.17	29.26 0.64 0.53	29.44 0.70 0.53	35.03 0.95 1.00	39.84 1.25 0.39	37.29 1.03 0.65	34.40 0.81 0.25	30.65 0.78 0.00	29.39 0.74 0.00	24.74 0.58 0.00	22.14 0.46 0.00
BETHLEHEM___GS3 323562	20.07 0.41 0.00	18.44 0.34 0.00	17.17 0.39 0.00	16.46 0.42 0.00	16.43 0.38 0.00	16.91 0.36 0.00	19.27 0.45 0.00	20.82 0.43 0.00	22.52 0.35 0.00	23.33 0.43 0.00	23.50 0.48 0.00	24.09 0.47 0.00	24.86 0.51 0.06	26.40 0.55 0.17	29.26 0.64 0.53	29.44 0.70 0.53	35.03 0.95 1.00	39.84 1.25 0.39	37.29 1.03 0.65	34.40 0.81 0.25	30.65 0.78 0.00	29.39 0.74 0.00	24.74 0.58 0.00	22.14 0.46 0.00
BETHLEHEM___STEEL 23779	20.19 0.53 0.00	18.36 0.27 0.00	16.82 0.03 0.00	15.93 -0.11 0.00	16.02 -0.02 0.00	16.66 0.12 0.00	19.16 0.34 0.00	20.54 0.14 0.00	22.21 0.04 0.00	22.76 -0.14 0.00	23.01 0.00 0.00	23.65 0.02 0.00	24.60 0.20 0.00	26.10 0.08 0.00	29.01 -0.15 0.00	29.09 -0.18 0.00	34.63 -0.46 0.00	38.00 -1.05 -0.06	36.54 -0.37 0.00	34.25 0.41 0.00	30.14 0.27 0.00	28.74 0.09 0.00	24.11 -0.05 0.00	22.07 0.39 0.00
BETHLHEM_115KV_TB1 79974	20.13 0.47 0.00	18.47 0.38 0.00	17.20 0.42 0.00	16.49 0.45 0.00	16.46 0.42 0.00	16.94 0.40 0.00	19.31 0.49 0.00	20.88 0.49 0.00	22.59 0.42 0.00	23.40 0.50 0.00	23.54 0.53 0.00	24.16 0.54 0.00	24.94 0.59 0.05	26.49 0.62 0.16	29.40 0.76 0.51	29.56 0.79 0.50	35.14 1.02 0.96	39.96 1.33 0.36	37.43 1.14 0.62	34.51 0.91 0.24	30.74 0.87 0.00	29.48 0.83 0.00	24.81 0.65 0.00	22.22 0.54 0.00
BETHPAGE_CC_5 323564	21.48 1.81 -0.01	19.67 1.57 -0.01	18.12 1.34 0.00	17.51 1.46 -0.01	17.44 1.39 -0.01	17.98 1.42 -0.01	20.53 1.71 0.00	22.34 1.94 -0.01	24.37 2.19 -0.01	26.98 2.34 -1.75	29.53 2.37 -4.14	31.39 2.38 -5.39	31.43 2.51 -4.51	32.16 2.71 -3.43	36.95 3.09 -4.71	41.47 3.16 -9.05	40.36 3.89 -1.38	45.47 4.44 -2.04	41.48 3.80 -0.77	37.45 3.32 -0.29	32.73 2.75 -0.12	32.00 2.69 -0.66	30.25 2.34 -3.75	23.83 2.13 -0.02
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	20.21 0.55 0.00	18.38 0.29 0.00	16.83 0.05 0.00	15.95 -0.10 0.00	16.04 0.00 0.00	16.70 0.15 0.00	19.20 0.38 0.00	20.58 0.18 0.00	22.25 0.09 0.00	22.80 -0.09 0.00	23.01 0.00 0.00	23.65 0.02 0.00	24.60 0.20 0.00	26.10 0.08 0.00	29.04 -0.12 0.00	29.21 -0.06 0.00	34.77 -0.32 0.00	38.16 -0.90 -0.06	36.65 -0.26 0.00	34.35 0.51 0.00	30.23 0.36 0.00	28.79 0.14 0.00	24.16 0.00 0.00	22.09 0.41 0.00
BINGHAMTON___COGEN 23790	20.11 0.45 0.00	18.40 0.31 0.00	17.03 0.25 0.00	16.24 0.19 0.00	16.27 0.22 0.00	16.83 0.28 0.00	19.23 0.41 0.00	20.78 0.39 0.00	22.56 0.40 0.00	23.24 0.34 0.00	23.48 0.37 -0.10	24.20 0.38 -0.20	25.08 0.41 -0.26	26.93 0.52 -0.39	30.32 0.55 -0.61	30.29 0.56 -0.46	36.34 0.63 -0.63	40.15 0.51 -0.65	38.21 0.70 -0.60	35.50 0.78 -0.89	31.18 0.66 -0.65	29.67 0.60 -0.42	24.68 0.41 -0.11	22.18 0.50 0.00
BIXINCNT_115KV_LOAD 355685	20.27 0.61 0.00	18.38 0.29 0.00	16.87 0.08 0.00	15.97 -0.08 0.00	16.07 0.03 0.00	16.74 0.20 0.00	19.23 0.41 0.00	20.68 0.29 0.00	22.39 0.22 0.00	22.94 0.05 0.00	23.06 0.05 0.00	23.67 0.05 0.00	24.60 0.20 0.00	26.13 0.10 0.00	29.12 -0.03 0.00	29.50 0.23 0.00	35.15 0.07 0.00	38.59 -0.47 -0.07	36.94 0.04 0.00	34.38 0.54 0.00	30.17 0.30 0.00	28.71 0.06 0.00	24.06 -0.10 0.00	22.01 0.33 0.00
BLACK RIVER___HYD 24047	19.80 0.14 0.00	18.20 0.11 0.00	16.92 0.13 0.00	16.13 0.08 0.00	16.12 0.08 0.00	16.63 0.08 0.00	18.99 0.17 0.00	20.50 0.10 0.00	22.30 0.13 0.00	22.85 -0.05 0.00	23.13 -0.02 -0.14	23.93 0.02 -0.29	24.83 0.05 -0.37	26.79 0.21 -0.56	30.29 0.26 -0.87	30.22 0.26 -0.69	36.37 0.35 -0.94	39.86 0.08 -0.79	38.39 0.59 -0.90	36.38 1.22 -1.33	31.98 1.13 -0.98	30.40 1.12 -0.63	25.09 0.77 -0.16	22.40 0.71 0.00

BLACKRVR_115KV_TB2 79977	19.80 0.14 0.00	18.20 0.11 0.00	16.92 0.13 0.00	16.13 0.08 0.00	16.12 0.08 0.00	16.63 0.08 0.00	18.99 0.17 0.00	20.50 0.10 0.00	22.30 0.13 0.00	22.85 -0.05 0.00	23.13 -0.02 -0.14	23.93 0.02 -0.29	24.83 0.05 -0.37	26.79 0.21 -0.56	30.29 0.26 -0.88	30.23 0.26 -0.69	36.37 0.35 -0.94	39.86 0.08 -0.79	38.40 0.59 -0.90	36.38 1.22 -1.33	31.98 1.14 -0.98	30.40 1.12 -0.63	25.09 0.77 -0.16	22.40 0.72 0.00
BLISS_WT_PWR 323608	20.27 0.61 0.00	18.38 0.29 0.00	16.85 0.07 0.00	15.97 -0.08 0.00	16.09 0.05 0.00	16.76 0.21 0.00	19.22 0.40 0.00	20.68 0.29 0.00	22.39 0.22 0.00	22.96 0.07 0.00	22.92 -0.09 0.00	23.67 0.05 0.00	24.60 0.19 0.00	26.13 0.10 0.00	29.21 0.06 0.00	29.53 0.26 0.00	35.15 0.07 0.00	38.59 -0.47 -0.06	36.94 0.04 0.00	34.31 0.47 0.00	30.08 0.21 0.00	28.62 -0.03 0.00	23.99 -0.17 0.00	21.94 0.26 0.00
BLUE_CIRC_CHEM_DRP 24182	20.39 0.73 0.00	18.73 0.63 0.00	17.42 0.64 0.00	16.70 0.66 0.00	16.65 0.61 0.00	17.16 0.61 0.00	19.55 0.73 0.00	21.13 0.73 0.00	22.90 0.73 0.00	23.67 0.78 0.00	23.82 0.81 0.00	24.45 0.83 0.00	25.25 0.88 0.04	26.84 0.94 0.12	29.86 1.08 0.37	29.99 1.08 0.36	35.79 1.40 0.69	40.60 1.75 0.15	38.01 1.55 0.45	34.99 1.32 0.17	31.12 1.25 0.00	29.85 1.20 0.00	25.12 0.97 0.00	22.51 0.82 0.00
BOC_GAS_DRP 24189	20.25 0.59 0.00	18.60 0.51 0.00	17.30 0.52 0.00	16.58 0.53 0.00	16.54 0.50 0.00	17.04 0.50 0.00	19.42 0.60 0.00	21.01 0.61 0.00	22.79 0.62 0.00	23.60 0.71 0.00	23.75 0.74 0.00	24.38 0.76 0.00	25.17 0.81 0.04	26.77 0.86 0.11	29.78 0.99 0.37	29.93 1.02 0.36	35.66 1.26 0.69	40.40 1.56 0.16	37.79 1.33 0.44	34.79 1.12 0.17	30.89 1.02 0.00	29.62 0.97 0.00	24.95 0.80 0.00	22.38 0.69 0.00
BOONVILLE_115KV_TB1 79983	19.94 0.28 0.00	18.33 0.24 0.00	17.07 0.29 0.00	16.24 0.19 0.00	16.23 0.19 0.00	16.76 0.22 0.00	19.18 0.36 0.00	20.72 0.33 0.00	22.56 0.40 0.00	23.21 0.32 0.00	23.40 0.35 -0.04	24.06 0.35 -0.09	24.91 0.39 -0.12	26.72 0.52 -0.17	30.07 0.64 -0.27	30.18 0.70 -0.21	36.21 0.84 -0.29	39.94 0.70 -0.24	38.07 0.89 -0.28	35.40 1.15 -0.41	31.22 1.05 -0.30	29.85 1.00 -0.20	24.93 0.72 -0.05	22.35 0.67 0.00
BORALEX_4TH_BRANCH 23824	20.66 1.00 0.00	18.96 0.87 0.00	17.60 0.82 0.00	16.88 0.83 0.00	16.86 0.82 0.00	17.37 0.83 0.00	19.85 1.03 0.00	21.41 1.02 0.00	23.21 1.04 0.00	24.01 1.12 0.00	24.16 1.15 0.00	24.78 1.16 0.00	25.46 1.20 0.14	26.87 1.27 0.43	29.15 1.37 1.37	29.35 1.43 1.35	34.40 1.89 2.58	39.51 2.42 1.90	37.42 2.18 1.66	35.00 1.79 0.63	31.48 1.61 0.00	30.20 1.55 0.00	25.41 1.26 0.00	22.74 1.06 0.00
BOWLINE___1 23526	20.74 1.08 0.00	19.00 0.90 0.00	17.62 0.84 0.00	16.91 0.87 0.00	16.84 0.80 0.00	17.37 0.83 0.00	19.87 1.05 0.00	21.58 1.18 0.00	23.52 1.35 0.00	24.45 1.56 0.00	24.67 1.66 0.00	25.30 1.68 0.00	26.22 1.76 -0.06	28.10 1.90 -0.18	31.92 2.19 -0.58	32.09 2.25 -0.57	38.97 2.81 -1.08	43.77 3.28 -1.50	40.30 2.69 -0.70	36.30 2.20 -0.26	31.81 1.94 0.00	30.49 1.84 0.00	25.70 1.55 0.00	23.00 1.32 0.00
BOWLINE___2 23595	20.74 1.08 0.00	19.00 0.90 0.00	17.62 0.84 0.00	16.91 0.87 0.00	16.84 0.80 0.00	17.37 0.83 0.00	19.87 1.05 0.00	21.58 1.18 0.00	23.52 1.35 0.00	24.45 1.56 0.00	24.69 1.68 0.00	25.30 1.68 0.00	26.22 1.76 -0.06	28.10 1.90 -0.18	31.92 2.19 -0.58	32.09 2.25 -0.57	38.97 2.81 -1.08	43.77 3.28 -1.50	40.30 2.69 -0.70	36.30 2.20 -0.26	31.81 1.94 0.00	30.49 1.84 0.00	25.70 1.55 0.00	23.00 1.32 0.00
BRADY___115KV_TB2 356060	19.33 -0.33 0.00	17.89 -0.20 0.00	16.65 -0.13 0.00	15.89 -0.16 0.00	15.88 -0.16 0.00	16.40 -0.15 0.00	18.52 -0.30 0.00	20.17 -0.22 0.00	21.94 -0.22 0.00	22.60 -0.30 0.00	22.72 -0.30 0.00	23.31 -0.31 0.00	24.09 -0.32 0.00	25.68 -0.34 0.00	28.80 -0.35 0.00	28.97 -0.29 0.00	34.59 -0.49 0.00	38.45 -0.55 0.00	36.35 -0.55 0.00	33.47 -0.37 0.00	29.54 -0.33 0.00	28.39 -0.26 0.00	24.08 -0.07 0.00	21.51 -0.17 0.00
BRANSCOMB___SOLAR 323811	20.72 1.06 0.00	19.01 0.92 0.00	17.62 0.84 0.00	16.91 0.87 0.00	16.87 0.83 0.00	17.41 0.86 0.00	19.82 1.00 0.00	21.43 1.04 0.00	23.25 1.09 0.00	24.01 1.12 0.00	24.14 1.13 0.00	24.73 1.11 0.00	25.48 1.15 0.08	26.91 1.12 0.23	29.73 1.31 0.74	29.89 1.35 0.73	35.52 1.82 1.39	40.83 2.30 0.46	38.38 2.36 0.89	35.67 2.17 0.34	31.96 2.09 0.00	30.63 1.98 0.00	25.70 1.55 0.00	22.96 1.28 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	21.63 1.97 0.00	19.81 1.72 0.00	18.21 1.43 0.00	17.62 1.57 0.00	17.58 1.54 0.00	18.10 1.56 0.00	20.65 1.83 0.00	22.47 2.08 0.00	24.51 2.35 0.00	27.19 2.54 -1.75	29.59 2.44 -4.14	31.49 2.48 -5.39	31.52 2.61 -4.51	32.26 2.81 -3.42	37.13 3.27 -4.71	41.73 3.42 -9.04	40.60 4.14 -1.38	45.74 4.72 -2.03	41.73 4.06 -0.76	37.64 3.52 -0.28	32.94 2.96 -0.12	32.15 2.84 -0.66	30.46 2.56 -3.75	24.00 2.30 -0.02
BRISTLHL_115KV_TB1 79998	19.48 -0.18 0.00	17.88 -0.22 0.00	16.55 -0.23 0.00	15.79 -0.26 0.00	15.82 -0.22 0.00	16.33 -0.22 0.00	18.63 -0.19 0.00	20.09 -0.31 0.00	21.83 -0.33 0.00	22.53 -0.37 0.00	23.07 -0.39 -0.45	24.13 -0.40 -0.91	25.20 -0.39 -1.18	27.43 -0.36 -1.77	31.50 -0.44 -2.78	31.01 -0.47 -2.21	37.52 -0.56 -3.00	40.68 -0.82 -2.51	39.21 -0.55 -2.85	37.61 -0.44 -4.21	32.59 -0.39 -3.10	30.29 -0.37 -2.01	24.27 -0.41 -0.52	21.44 -0.24 0.00
BROOKHAVEN___DRP 24191	21.41 1.75 0.00	19.61 1.52 0.00	18.04 1.26 0.00	17.51 1.46 0.00	17.50 1.46 0.00	17.97 1.42 0.00	20.42 1.60 0.00	22.25 1.86 0.00	24.29 2.13 0.00	26.96 2.31 -1.75	29.29 2.14 -4.14	31.23 2.22 -5.39	31.26 2.34 -4.51	31.97 2.52 -3.42	36.83 2.97 -4.71	41.44 3.13 -9.04	40.25 3.79 -1.38	45.27 4.25 -2.03	41.29 3.62 -0.76	37.27 3.15 -0.28	32.64 2.66 -0.11	31.83 2.52 -0.66	30.22 2.32 -3.75	23.76 2.06 -0.02
BROOKLYN_NAVY_YARD 23515	20.94 1.28 0.00	19.18 1.09 0.00	17.77 0.99 0.00	17.07 1.03 0.00	16.97 0.93 0.00	17.49 0.94 0.00	20.08 1.26 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.86 1.97 0.00	25.09 2.07 0.00	25.68 2.05 0.00	26.64 2.17 -0.06	28.58 2.37 -0.19	32.42 2.65 -0.62	32.59 2.72 -0.60	39.57 3.33 -1.15	44.45 3.86 -1.59	40.79 3.14 -0.74	36.66 2.54 -0.28	32.11 2.24 0.00	30.80 2.15 0.00	26.02 1.86 0.00	23.26 1.58 0.00
BROOKLYN___ARMY_DRP 323595	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.17 1.12 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.14 2.12 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.69 2.92 -0.62	32.80 2.93 -0.61	39.92 3.68 -1.16	44.84 4.25 -1.60	41.15 3.51 -0.74	36.86 2.74 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00

BROOKVLE_69_KV_TB1 55790	21.35 1.69 0.00	19.56 1.47 0.00	18.06 1.28 0.00	17.38 1.33 0.00	17.32 1.28 0.00	17.85 1.31 0.00	20.44 1.62 0.00	22.21 1.82 0.00	24.23 2.06 0.00	26.91 2.27 -1.75	29.46 2.30 -4.14	31.39 2.39 -5.39	31.43 2.51 -4.51	32.18 2.73 -3.42	36.95 3.09 -4.71	41.41 3.10 -9.04	40.28 3.82 -1.38	45.38 4.37 -2.03	41.40 3.73 -0.76	37.27 3.15 -0.28	32.76 2.78 -0.11	31.95 2.64 -0.66	30.13 2.22 -3.75	23.70 1.99 -0.02
BROOME_2_LFGE 323671	20.11 0.45 0.00	18.38 0.29 0.00	17.03 0.25 0.00	16.24 0.19 0.00	16.27 0.22 0.00	16.83 0.28 0.00	19.23 0.41 0.00	20.78 0.39 0.00	22.56 0.40 0.00	23.24 0.34 0.00	23.46 0.35 -0.10	24.19 0.38 -0.19	25.07 0.41 -0.25	26.92 0.52 -0.38	30.30 0.55 -0.59	30.29 0.55 -0.46	36.34 0.63 -0.63	40.15 0.51 -0.65	38.21 0.70 -0.60	35.50 0.78 -0.89	31.18 0.66 -0.65	29.68 0.60 -0.42	24.68 0.41 -0.11	22.18 0.50 0.00
BROOME__LFGE 323600	20.11 0.45 0.00	18.38 0.29 0.00	17.03 0.25 0.00	16.24 0.19 0.00	16.27 0.22 0.00	16.83 0.28 0.00	19.23 0.41 0.00	20.78 0.39 0.00	22.56 0.40 0.00	23.24 0.34 0.00	23.46 0.35 -0.10	24.19 0.38 -0.19	25.07 0.41 -0.25	26.92 0.52 -0.38	30.30 0.55 -0.59	30.29 0.55 -0.46	36.34 0.63 -0.63	40.15 0.51 -0.65	38.21 0.70 -0.60	35.50 0.78 -0.89	31.18 0.66 -0.65	29.68 0.60 -0.42	24.68 0.41 -0.11	22.18 0.50 0.00
BROWNFLS_115KV_TB_3_5 80003	19.44 -0.22 0.00	17.95 -0.14 0.00	16.66 -0.12 0.00	15.92 -0.13 0.00	15.91 -0.13 0.00	16.43 -0.12 0.00	18.59 -0.23 0.00	20.13 -0.27 0.00	21.90 -0.27 0.00	22.50 -0.39 0.00	22.70 -0.37 -0.06	23.36 -0.38 -0.12	24.17 -0.39 -0.15	25.91 -0.34 -0.23	29.16 -0.35 -0.36	29.26 -0.29 -0.29	35.01 -0.46 -0.39	38.61 -0.70 -0.32	36.80 -0.48 -0.37	34.25 -0.14 -0.55	30.18 -0.09 -0.40	28.91 0.00 -0.26	24.32 0.10 -0.07	21.75 0.07 0.00
BROWNSV1_27_KV_LOAD 356125	21.12 1.45 0.00	19.34 1.25 0.00	17.92 1.14 0.00	17.20 1.16 0.00	17.12 1.07 0.00	17.62 1.08 0.00	20.23 1.41 0.00	22.00 1.61 0.00	24.00 1.84 0.00	25.05 2.15 0.00	25.22 2.21 0.00	25.89 2.27 0.00	26.89 2.42 -0.06	28.82 2.60 -0.19	32.74 2.97 -0.61	32.88 3.01 -0.60	39.95 3.72 -1.15	44.83 4.25 -1.59	41.19 3.54 -0.74	37.00 2.88 -0.28	32.41 2.54 0.00	31.09 2.44 0.00	26.23 2.08 0.00	23.46 1.78 0.00
BURROWS__LYONSDAL 23803	19.88 0.22 0.00	18.27 0.18 0.00	17.02 0.23 0.00	16.21 0.16 0.00	16.20 0.16 0.00	16.71 0.17 0.00	19.12 0.30 0.00	20.66 0.27 0.00	22.48 0.31 0.00	23.10 0.21 -0.05	23.30 0.23 -0.10	23.99 0.26 -0.10	24.84 0.29 -0.14	26.64 0.42 -0.20	30.00 0.52 -0.32	30.11 0.59 -0.25	36.13 0.70 -0.34	39.83 0.78 -0.29	38.01 1.08 -0.33	35.41 1.08 -0.48	31.21 0.99 -0.36	29.83 0.95 -0.23	24.92 0.70 -0.06	22.31 0.63 0.00
CAITHNESS_CC_1 323624	21.42 1.75 -0.01	19.62 1.52 -0.01	18.04 1.26 0.00	17.51 1.46 -0.01	17.49 1.44 -0.01	17.98 1.42 -0.01	20.42 1.60 0.00	22.26 1.86 -0.01	24.28 2.11 -0.01	26.96 2.31 -1.75	29.34 2.19 -4.14	31.21 2.20 -5.39	31.23 2.32 -4.51	31.95 2.50 -3.43	36.87 3.00 -4.71	41.41 3.10 -9.05	40.18 3.72 -1.38	45.20 4.17 -2.03	41.22 3.54 -0.77	37.24 3.11 -0.29	32.61 2.63 -0.11	31.80 2.49 -0.66	30.20 2.30 -3.75	23.74 2.04 -0.02
CALPINE BETH_PAGE_GT4 24209	21.47 1.81 0.00	19.67 1.57 0.00	18.12 1.34 0.00	17.49 1.44 0.00	17.44 1.40 0.00	17.97 1.42 0.00	20.53 1.71 0.00	22.33 1.94 0.00	24.36 2.19 0.00	26.96 2.31 -1.75	29.46 2.30 -4.14	31.37 2.36 -5.39	31.40 2.49 -4.51	32.13 2.68 -3.42	36.86 3.00 -4.71	41.38 3.07 -9.04	40.25 3.79 -1.38	45.39 4.37 -2.03	41.40 3.73 -0.76	37.34 3.21 -0.28	32.67 2.69 -0.12	31.98 2.66 -0.66	30.22 2.32 -3.75	23.83 2.12 -0.02
CALPINE_BETH_PAGE_GT_4 323586	21.48 1.81 -0.01	19.67 1.57 -0.01	18.12 1.34 0.00	17.50 1.44 -0.01	17.44 1.39 -0.01	17.98 1.42 -0.01	20.53 1.71 0.00	22.34 1.94 -0.01	24.37 2.19 -0.01	26.96 2.31 -1.75	29.50 2.35 -4.14	31.37 2.36 -5.39	31.40 2.49 -4.51	32.13 2.68 -3.43	36.87 3.00 -4.71	41.39 3.07 -9.05	40.25 3.79 -1.38	45.39 4.37 -2.04	41.36 3.69 -0.77	37.35 3.22 -0.29	32.67 2.69 -0.12	31.98 2.66 -0.66	30.22 2.32 -3.75	23.83 2.13 -0.02
CALPINE_BP_GT1 23823	21.48 1.81 -0.01	19.67 1.57 -0.01	18.12 1.34 0.00	17.50 1.44 -0.01	17.44 1.39 -0.01	17.98 1.42 -0.01	20.53 1.71 0.00	22.34 1.94 -0.01	24.37 2.19 -0.01	26.96 2.31 -1.75	29.50 2.35 -4.14	31.37 2.36 -5.39	31.40 2.49 -4.51	32.13 2.68 -3.43	36.87 3.00 -4.71	41.39 3.07 -9.05	40.25 3.79 -1.38	45.39 4.37 -2.04	41.36 3.69 -0.77	37.35 3.22 -0.29	32.67 2.69 -0.12	31.98 2.66 -0.66	30.22 2.32 -3.75	23.83 2.13 -0.02
CALSPAN__DRP 24200	20.19 0.53 0.00	18.36 0.27 0.00	16.82 0.03 0.00	15.93 -0.11 0.00	16.02 -0.02 0.00	16.66 0.12 0.00	19.16 0.34 0.00	20.54 0.14 0.00	22.21 0.04 0.00	22.76 -0.14 0.00	23.01 0.00 0.00	23.65 0.02 0.00	24.60 0.20 0.00	26.10 0.08 0.00	29.01 -0.15 0.00	29.09 -0.18 0.00	34.63 -0.46 0.00	38.00 -1.05 0.00	36.54 -0.37 0.00	34.25 0.41 0.00	30.14 0.27 0.00	28.74 0.09 0.00	24.11 -0.05 0.00	22.07 0.39 0.00
CALVERTON__SOLAR 323806	21.46 1.79 -0.01	19.66 1.56 -0.01	18.07 1.29 0.00	17.55 1.49 -0.01	17.56 1.51 -0.01	18.01 1.46 -0.01	20.46 1.64 0.00	22.32 1.92 -0.01	24.35 2.17 -0.01	27.00 2.36 -1.75	29.39 2.23 -4.14	31.28 2.27 -5.39	31.31 2.39 -4.51	32.03 2.58 -3.43	36.99 3.12 -4.71	41.56 3.25 -9.05	40.36 3.89 -1.38	45.43 4.40 -2.03	41.44 3.77 -0.77	37.45 3.32 -0.29	32.76 2.78 -0.11	31.92 2.61 -0.66	30.30 2.39 -3.75	23.80 2.10 -0.02
CANDIGU_WT_PWR 323617	20.25 0.59 0.00	18.42 0.33 0.00	16.98 0.20 0.00	16.14 0.10 0.00	16.22 0.18 0.00	16.84 0.30 0.00	19.31 0.49 0.00	20.78 0.39 0.00	22.50 0.33 0.00	23.08 0.18 0.00	23.25 0.18 -0.05	24.01 0.28 -0.11	24.91 0.37 -0.14	26.62 0.39 -0.21	29.83 0.35 -0.32	29.84 0.32 -0.25	35.67 0.25 -0.34	39.24 -0.12 -0.37	37.64 0.41 -0.33	35.03 0.71 -0.48	30.79 0.57 -0.36	29.31 0.43 -0.23	24.46 0.24 -0.06	22.20 0.52 0.00
CARR STREET_E_SYR 24060	19.70 0.04 0.00	18.06 -0.04 0.00	16.73 -0.05 0.00	15.95 -0.10 0.00	15.98 -0.06 0.00	16.50 -0.05 0.00	18.86 0.04 0.00	20.33 -0.06 0.00	22.10 -0.07 0.00	22.78 -0.11 0.00	23.00 -0.14 -0.13	23.76 -0.12 -0.26	24.65 -0.10 -0.34	26.45 -0.08 -0.50	29.77 -0.17 -0.79	29.69 -0.20 -0.63	35.62 -0.32 -0.85	39.19 -0.55 -0.74	37.42 -0.30 -0.81	34.84 -0.20 -1.20	30.57 -0.18 -0.88	29.11 -0.11 -0.57	24.14 -0.17 -0.15	21.70 0.02 0.00
CARTHAGE__PAPER 23857	19.74 0.08 0.00	18.17 0.07 0.00	16.87 0.08 0.00	16.09 0.05 0.00	16.09 0.05 0.00	16.61 0.07 0.00	18.91 0.09 0.00	20.43 0.04 0.00	22.21 0.04 0.00	22.78 -0.11 0.00	23.02 -0.11 -0.12	23.79 -0.07 -0.24	24.65 -0.07 -0.31	26.55 0.05 -0.47	30.01 0.12 -0.74	30.00 0.15 -0.59	36.05 0.18 -0.80	39.66 0.00 -0.67	38.11 0.44 -0.76	35.91 0.95 -1.12	31.59 0.90 -0.83	30.10 0.92 -0.53	24.95 0.65 -0.14	22.24 0.56 0.00

CASSADAGA_WT_PWR 323784	20.57 0.90 0.00	18.62 0.53 0.00	17.07 0.29 0.00	16.17 0.13 0.00	16.28 0.24 0.00	16.96 0.41 0.00	19.53 0.71 0.00	21.11 0.71 0.00	22.92 0.75 0.00	23.53 0.64 0.00	23.68 0.67 0.00	24.42 0.80 0.00	25.43 1.02 0.00	27.01 0.99 0.00	30.11 0.96 0.00	30.26 1.00 0.00	35.96 0.88 0.00	39.29 0.24 -0.06	37.50 0.59 0.00	34.85 1.01 0.00	30.59 0.72 0.00	29.08 0.43 0.00	24.35 0.19 0.00	22.18 0.50 0.00
CE_DUNWOOD___DRP 24194	20.86 1.20 0.00	19.11 1.01 0.00	17.72 0.94 0.00	17.01 0.96 0.00	16.94 0.90 0.00	17.46 0.91 0.00	20.01 1.19 0.00	21.72 1.33 0.00	23.67 1.51 0.00	24.63 1.74 0.00	24.81 1.80 0.00	25.46 1.84 0.00	26.42 1.95 -0.06	28.32 2.11 -0.19	32.21 2.45 -0.61	32.33 2.46 -0.60	39.31 3.09 -1.14	44.12 3.55 -1.58	40.60 2.95 -0.74	36.52 2.40 -0.28	31.99 2.12 0.00	30.68 2.03 0.00	25.85 1.69 0.00	23.16 1.47 0.00
CE_MILLWOOD___DRP 24193	20.82 1.16 0.00	19.07 0.98 0.00	17.69 0.91 0.00	16.98 0.93 0.00	16.91 0.87 0.00	17.44 0.89 0.00	19.95 1.13 0.00	21.66 1.26 0.00	23.61 1.44 0.00	24.56 1.67 0.00	24.74 1.73 0.00	25.39 1.77 0.00	26.32 1.85 -0.06	28.24 2.03 -0.19	32.09 2.33 -0.61	32.23 2.37 -0.60	39.20 2.98 -1.14	44.00 3.43 -1.57	40.48 2.84 -0.73	36.42 2.30 -0.28	31.93 2.06 0.00	30.60 1.95 0.00	25.80 1.64 0.00	23.09 1.41 0.00
CE_NYC2_DRP 24202	21.08 1.42 -0.01	19.29 1.19 0.00	17.87 1.09 0.00	17.15 1.11 0.00	17.07 1.03 0.00	17.54 0.99 0.00	20.12 1.30 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.94 2.04 -0.01	25.12 2.09 -0.01	25.77 2.15 0.00	26.77 2.29 -0.07	28.69 2.47 -0.20	32.60 2.83 -0.62	32.72 2.84 -0.61	39.74 3.51 -1.16	44.64 4.06 -1.60	40.97 3.32 -0.74	36.73 2.61 -0.28	32.20 2.33 0.00	30.94 2.29 0.00	26.15 1.98 -0.01	23.37 1.69 0.00
CE_NYC_DRP 24195	20.98 1.32 0.00	19.21 1.12 0.00	17.81 1.02 0.00	17.10 1.06 0.00	17.00 0.96 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.86 1.97 0.00	25.02 2.00 0.00	25.70 2.08 0.00	26.67 2.20 -0.06	28.61 2.39 -0.19	32.48 2.71 -0.61	32.62 2.75 -0.60	39.60 3.37 -1.15	44.48 3.90 -1.59	40.86 3.21 -0.74	36.66 2.54 -0.28	32.14 2.27 0.00	30.86 2.21 0.00	26.02 1.86 0.00	23.29 1.60 0.00
CHAFFEE___LFGE 323603	20.25 0.59 0.00	18.36 0.27 0.00	16.87 0.08 0.00	15.97 -0.08 0.00	16.06 0.02 0.00	16.71 0.17 0.00	19.22 0.40 0.00	20.62 0.22 0.00	22.30 0.13 0.00	22.85 -0.05 0.00	22.95 -0.07 0.00	23.69 0.07 0.00	24.65 0.24 0.00	26.15 0.13 0.00	29.21 0.06 0.00	29.33 0.06 0.00	34.91 -0.17 0.00	38.31 -0.74 -0.06	36.80 -0.11 0.00	34.41 0.57 0.00	30.29 0.42 0.00	28.85 0.20 0.00	24.18 0.02 0.00	22.12 0.43 0.00
CHATEAUG_35_KV_LOAD 355732	19.68 0.02 0.00	18.18 0.09 0.00	16.87 0.08 0.00	16.17 0.13 0.00	16.20 0.16 0.00	16.74 0.20 0.00	18.84 0.02 0.00	20.60 0.20 0.00	22.39 0.22 0.00	23.05 0.16 0.00	23.18 0.16 0.00	23.76 0.14 0.00	24.58 0.17 0.00	26.20 0.18 0.00	29.30 0.15 0.00	29.47 0.20 0.00	35.22 0.14 0.00	39.38 0.39 0.00	37.13 0.22 0.00	33.98 0.14 0.00	29.90 0.03 0.00	28.59 -0.06 0.00	24.16 0.00 0.00	21.57 -0.11 0.00
CHATEAUG_WT_PWR 323614	19.72 0.06 0.00	18.22 0.13 0.00	16.88 0.10 0.00	16.21 0.16 0.00	16.23 0.19 0.00	16.76 0.21 0.00	18.88 0.06 0.00	20.64 0.25 0.00	22.43 0.27 0.00	23.12 0.23 0.00	23.22 0.21 0.00	23.83 0.21 0.00	24.62 0.22 0.00	26.28 0.26 0.00	29.39 0.23 0.00	29.56 0.29 0.00	35.29 0.21 0.00	39.42 0.43 0.00	37.20 0.29 0.00	33.98 0.14 0.00	29.93 0.06 0.00	28.62 -0.03 0.00	24.18 0.02 0.00	21.60 -0.09 0.00
CHAT_HIGH_FALL_HYD 323578	19.68 0.02 0.00	18.18 0.09 0.00	16.87 0.08 0.00	16.17 0.13 0.00	16.20 0.16 0.00	16.75 0.20 0.00	18.84 0.02 0.00	20.60 0.20 0.00	22.39 0.22 0.00	23.05 0.16 0.00	23.18 0.16 0.00	23.76 0.14 0.00	24.58 0.17 0.00	26.21 0.18 0.00	29.30 0.15 0.00	29.47 0.21 0.00	35.22 0.14 0.00	39.38 0.39 0.00	37.13 0.22 0.00	33.94 0.10 0.00	29.90 0.03 0.00	28.59 -0.06 0.00	24.16 0.00 0.00	21.57 -0.11 0.00
CHAUTAUQUA___LFGE 323629	20.47 0.81 0.00	18.56 0.47 0.00	17.02 0.23 0.00	16.14 0.10 0.00	16.23 0.19 0.00	16.91 0.36 0.00	19.42 0.60 0.00	20.92 0.53 0.00	22.70 0.53 0.00	23.28 0.39 0.00	23.45 0.44 0.00	24.21 0.59 0.00	25.19 0.78 0.00	26.73 0.70 0.00	29.79 0.64 0.00	29.85 0.59 0.00	35.50 0.42 0.00	38.90 -0.16 -0.06	37.24 0.33 0.00	34.72 0.88 0.00	30.53 0.66 0.00	29.05 0.40 0.00	24.35 0.19 0.00	22.22 0.54 0.00
CHERRYST_13_KV_LD 356241	21.04 1.38 0.00	19.27 1.18 0.00	17.86 1.07 0.00	17.14 1.09 0.00	17.05 1.01 0.00	17.56 1.01 0.00	20.16 1.34 0.00	21.92 1.53 0.00	23.92 1.75 0.00	24.95 2.06 0.00	25.11 2.09 0.00	25.79 2.17 0.00	26.76 2.29 -0.06	28.71 2.50 -0.19	32.59 2.83 -0.61	32.74 2.87 -0.60	39.77 3.54 -1.15	44.63 4.06 -1.59	40.97 3.32 -0.74	36.79 2.67 -0.28	32.23 2.36 0.00	30.94 2.29 0.00	26.09 1.93 0.00	23.35 1.67 0.00
CHESTROR_138KV_BK263 355645	20.62 0.96 0.00	18.91 0.81 0.00	17.52 0.74 0.00	16.82 0.77 0.00	16.76 0.72 0.00	17.29 0.74 0.00	19.74 0.92 0.00	21.41 1.02 0.00	23.34 1.17 0.00	24.22 1.33 0.00	24.40 1.38 0.00	25.04 1.42 0.00	25.95 1.49 -0.05	27.80 1.61 -0.16	31.57 1.90 -0.52	31.71 1.93 -0.51	38.51 2.46 -0.97	43.21 2.85 -1.37	39.90 2.36 -0.63	36.04 1.96 -0.24	31.60 1.73 0.00	30.28 1.63 0.00	25.51 1.35 0.00	22.85 1.17 0.00
CH_MIDHUDSON___DRP 24192	20.80 1.14 0.00	19.05 0.96 0.00	17.67 0.89 0.00	16.96 0.91 0.00	16.91 0.87 0.00	17.42 0.88 0.00	19.91 1.09 0.00	21.58 1.18 0.00	23.47 1.31 0.00	24.40 1.51 0.00	24.56 1.54 0.00	25.20 1.58 0.00	26.11 1.66 -0.04	27.97 1.82 -0.13	31.67 2.10 -0.41	31.81 2.14 -0.41	38.57 2.70 -0.78	43.35 3.16 -1.20	40.07 2.66 -0.51	36.20 2.17 -0.19	31.81 1.94 0.00	30.48 1.83 0.00	25.68 1.52 0.00	23.00 1.32 0.00
CH_MISC_IPPS 23765	20.88 1.22 0.00	19.12 1.03 0.00	17.72 0.94 0.00	17.01 0.96 0.00	16.95 0.91 0.00	17.47 0.93 0.00	19.97 1.15 0.00	21.66 1.26 0.00	23.63 1.46 0.00	24.56 1.67 0.00	24.74 1.73 0.00	25.37 1.75 0.00	26.29 1.83 -0.05	28.17 2.00 -0.15	31.96 2.33 -0.47	32.10 2.37 -0.46	39.01 3.05 -0.88	43.80 3.51 -1.30	40.50 3.03 -0.57	36.59 2.54 -0.22	32.08 2.21 0.00	30.74 2.09 0.00	25.87 1.72 0.00	23.18 1.49 0.00
CH_RES_BVR_FALLS 23983	19.35 -0.32 0.00	17.86 -0.24 0.00	16.55 -0.23 0.00	15.81 -0.24 0.00	15.78 -0.26 0.00	16.30 -0.25 0.00	18.48 -0.34 0.00	20.13 -0.27 0.00	21.90 -0.26 0.00	22.59 -0.30 0.00	22.71 -0.30 0.00	23.31 -0.31 0.00	24.09 -0.32 0.00	25.66 -0.36 0.00	28.72 -0.44 0.00	28.86 -0.41 0.00	34.56 -0.53 0.00	38.45 -0.55 0.00	36.35 -0.55 0.00	33.30 -0.54 0.00	29.36 -0.51 0.00	28.14 -0.51 0.00	23.77 -0.39 0.00	21.27 -0.41 0.00

CH_RES_NIAGARA 23895	19.58 -0.08 0.00	17.80 -0.29 0.00	16.28 -0.50 0.00	15.44 -0.61 0.00	15.51 -0.53 0.00	16.12 -0.43 0.00	18.57 -0.25 0.00	19.82 -0.57 0.00	21.43 -0.73 0.00	21.93 -0.96 0.00	22.23 -0.78 0.00	22.98 -0.64 0.00	23.87 -0.54 0.00	25.27 -0.76 0.00	28.13 -1.02 0.00	27.74 -1.52 0.00	32.94 -2.14 0.00	36.16 -2.88 -0.05	34.91 -1.99 0.00	32.96 -0.88 0.00	29.00 -0.87 0.00	27.68 -0.97 0.00	23.26 -0.89 0.00	21.38 -0.30 0.00
CH_RES_SYRACUSE 23985	19.82 0.16 0.00	18.17 0.07 0.00	16.83 0.05 0.00	16.03 -0.02 0.00	16.06 0.02 0.00	16.58 0.03 0.00	18.95 0.13 0.00	20.43 0.04 0.00	22.23 0.07 0.00	22.92 0.02 0.00	23.23 -0.02 -0.24	24.11 0.00 -0.49	25.07 0.02 -0.64	27.11 0.13 -0.96	30.78 0.12 -1.51	30.55 0.09 -1.20	36.78 0.07 -1.62	40.27 -0.12 -1.40	38.57 0.11 -1.55	36.30 0.17 -2.29	31.67 0.12 -1.68	29.86 0.12 -1.09	24.44 0.00 -0.28	21.81 0.13 0.00
CLINTON_WT_PWR 323605	19.72 0.06 0.00	18.22 0.13 0.00	16.88 0.10 0.00	16.21 0.16 0.00	16.23 0.19 0.00	16.76 0.21 0.00	18.88 0.06 0.00	20.64 0.25 0.00	22.43 0.27 0.00	23.12 0.23 0.00	23.22 0.21 0.00	23.83 0.21 0.00	24.62 0.22 0.00	26.28 0.26 0.00	29.39 0.23 0.00	29.56 0.29 0.00	35.29 0.21 0.00	39.42 0.43 0.00	37.20 0.29 0.00	33.98 0.14 0.00	29.93 0.06 0.00	28.62 -0.03 0.00	24.18 0.02 0.00	21.60 -0.09 0.00
CLINTON___LFGE 323618	19.92 0.25 0.00	18.40 0.31 0.00	17.03 0.25 0.00	16.35 0.30 0.00	16.39 0.35 0.00	16.96 0.41 0.00	19.06 0.24 0.00	20.86 0.47 0.00	22.67 0.51 0.00	23.35 0.46 0.00	23.45 0.44 0.00	24.05 0.43 0.00	24.89 0.49 0.00	26.57 0.55 0.00	29.71 0.55 0.00	29.88 0.62 0.00	35.68 0.60 0.00	39.93 0.93 0.00	37.68 0.78 0.00	34.41 0.57 0.00	30.29 0.42 0.00	28.97 0.32 0.00	24.45 0.29 0.00	21.83 0.15 0.00
COBBLENY_34_KV_TB1 80064	20.25 0.59 0.00	18.40 0.31 0.00	16.85 0.07 0.00	15.97 -0.08 0.00	16.06 0.02 0.00	16.71 0.17 0.00	19.21 0.40 0.00	20.62 0.22 0.00	22.30 0.13 0.00	22.85 -0.05 0.00	23.06 0.05 0.00	23.69 0.07 0.00	24.65 0.24 0.00	26.15 0.13 0.00	29.10 -0.06 0.00	29.33 0.06 0.00	34.91 -0.18 0.00	38.31 -0.74 -0.06	36.80 -0.11 0.00	34.42 0.58 0.00	30.29 0.42 0.00	28.85 0.20 0.00	24.20 0.05 0.00	22.12 0.43 0.00
COFFEEN__115KV_TB3 355620	19.90 0.24 0.00	18.29 0.20 0.00	17.00 0.22 0.00	16.19 0.14 0.00	16.19 0.14 0.00	16.71 0.17 0.00	19.10 0.28 0.00	20.62 0.22 0.00	22.41 0.24 0.00	22.94 0.05 0.00	23.25 0.09 -0.15	24.06 0.14 -0.29	24.96 0.17 -0.38	26.96 0.36 -0.57	30.49 0.44 -0.90	30.42 0.44 -0.71	36.61 0.56 -0.97	40.08 0.27 -0.81	38.72 0.89 -0.92	36.76 1.56 -1.36	32.31 1.43 -1.00	30.70 1.40 -0.65	25.32 0.99 -0.17	22.57 0.89 0.00
COLDSPRG_115KV_BK1 355956	20.58 0.92 0.00	18.67 0.58 0.00	17.13 0.35 0.00	16.24 0.19 0.00	16.35 0.30 0.00	17.06 0.51 0.00	19.61 0.79 0.00	21.19 0.80 0.00	22.92 0.75 0.00	23.51 0.62 0.00	23.64 0.62 0.00	24.26 0.64 0.00	25.24 0.83 0.00	26.83 0.81 0.00	29.88 0.73 0.00	30.35 1.08 0.00	36.13 1.05 0.00	39.57 0.51 -0.07	37.83 0.92 0.00	35.13 1.29 0.00	30.92 1.05 0.00	29.40 0.74 0.00	24.62 0.46 0.00	22.42 0.74 0.00
COLONIE_LFGE__ 323577	20.51 0.84 0.00	18.83 0.74 0.00	17.47 0.69 0.00	16.75 0.71 0.00	16.73 0.69 0.00	17.24 0.69 0.00	19.70 0.88 0.00	21.29 0.90 0.00	23.07 0.91 0.00	23.88 0.98 0.00	24.03 1.01 0.00	24.64 1.02 0.00	25.36 1.05 0.09	26.84 1.09 0.27	29.54 1.25 0.87	29.70 1.29 0.86	35.13 1.68 1.63	40.35 2.14 0.79	37.81 1.95 1.05	35.06 1.62 0.40	31.36 1.49 0.00	30.08 1.43 0.00	25.29 1.14 0.00	22.63 0.95 0.00
COOPERNY_115KV_TB1 80082	20.37 0.71 0.00	18.69 0.60 0.00	17.34 0.55 0.00	16.61 0.56 0.00	16.57 0.53 0.00	17.09 0.55 0.00	19.52 0.70 0.00	21.17 0.77 0.00	23.05 0.89 0.00	23.97 1.08 0.00	24.14 1.13 0.00	24.78 1.16 0.00	25.66 1.22 -0.03	27.45 1.33 -0.10	31.02 1.55 -0.33	31.17 1.58 -0.32	37.69 2.00 -0.61	42.17 2.26 -0.92	39.22 1.92 -0.39	35.58 1.59 -0.15	31.30 1.43 0.00	30.00 1.35 0.00	25.27 1.11 0.00	22.66 0.98 0.00
COPENHAGEN_WT_PWR 323753	19.78 0.12 0.00	18.18 0.09 0.00	16.88 0.10 0.00	16.09 0.05 0.00	16.09 0.05 0.00	16.61 0.07 0.00	18.97 0.15 0.00	20.48 0.08 0.00	22.25 0.09 0.00	22.82 -0.07 0.00	23.10 -0.07 -0.15	23.93 0.00 -0.31	24.83 0.02 -0.40	26.81 0.18 -0.60	30.30 0.21 -0.94	30.22 0.21 -0.75	36.34 0.25 -1.01	39.84 0.00 -0.85	38.39 0.52 -0.97	36.32 1.05 -1.43	31.91 0.98 -1.05	30.33 1.00 -0.68	25.01 0.68 -0.18	22.31 0.63 0.00
CORNELL____ 23752	20.27 0.61 0.00	18.56 0.47 0.00	17.20 0.42 0.00	16.38 0.34 0.00	16.41 0.37 0.00	16.96 0.41 0.00	19.42 0.60 0.00	20.94 0.55 0.00	22.74 0.58 0.00	23.35 0.46 0.00	23.61 0.46 -0.14	24.37 0.47 -0.27	25.28 0.51 -0.36	27.23 0.68 -0.54	30.75 0.76 -0.84	30.71 0.79 -0.65	36.91 0.95 -0.88	40.72 0.90 -0.83	39.00 1.25 -0.84	36.40 1.32 -1.24	31.92 1.14 -0.92	30.30 1.06 -0.59	25.04 0.72 -0.15	22.44 0.76 0.00
CORONAAY_69_KV_TB1 355595	21.39 1.73 0.00	19.59 1.50 0.00	18.09 1.31 0.00	17.43 1.38 0.00	17.36 1.32 0.00	17.89 1.34 0.00	20.48 1.66 0.00	22.25 1.86 0.00	24.25 2.08 0.00	26.89 2.24 -1.75	29.41 2.26 -4.14	31.32 2.31 -5.39	31.33 2.42 -4.51	32.07 2.63 -3.42	36.89 3.03 -4.71	41.32 3.01 -9.04	40.17 3.72 -1.37	45.31 4.29 -2.02	41.32 3.65 -0.76	37.40 3.28 -0.28	32.73 2.75 -0.11	31.92 2.61 -0.66	30.15 2.25 -3.75	23.74 2.04 -0.02
CORTLAND_115KV_TB3 80093	20.07 0.41 0.00	18.38 0.29 0.00	17.05 0.27 0.00	16.25 0.21 0.00	16.27 0.22 0.00	16.81 0.26 0.00	19.23 0.41 0.00	20.76 0.37 0.00	22.54 0.38 0.00	23.21 0.32 0.00	23.50 0.35 -0.14	24.25 0.35 -0.28	25.14 0.37 -0.36	27.06 0.49 -0.55	30.56 0.55 -0.85	30.52 0.59 -0.67	36.66 0.67 -0.91	40.37 0.55 -0.83	38.59 0.81 -0.87	35.96 0.85 -1.28	31.56 0.75 -0.94	29.98 0.72 -0.61	24.77 0.46 -0.16	22.20 0.52 0.00
COXSACKIE___GT 23611	20.94 1.28 0.00	19.21 1.12 0.00	17.82 1.04 0.00	17.07 1.03 0.00	17.04 0.99 0.00	17.59 1.04 0.00	20.04 1.22 0.00	21.72 1.32 0.00	23.54 1.37 0.00	24.34 1.44 0.00	24.40 1.38 0.00	25.01 1.39 0.00	25.99 1.61 0.03	27.64 1.69 0.08	30.92 2.01 0.25	31.07 2.05 0.24	37.46 2.84 0.46	42.53 3.47 -0.07	39.97 3.36 0.30	36.84 3.11 0.11	32.50 2.63 0.00	31.08 2.43 0.00	25.97 1.81 0.00	23.18 1.49 0.00
CPV_VALLEY___CC1 323721	20.47 0.81 0.00	18.74 0.65 0.00	17.40 0.62 0.00	16.69 0.64 0.00	16.63 0.59 0.00	17.16 0.61 0.00	19.61 0.79 0.00	21.27 0.88 0.00	23.16 1.00 0.00	24.04 1.14 0.00	24.23 1.22 0.00	24.85 1.23 0.00	25.75 1.29 -0.05	27.57 1.40 -0.14	31.25 1.63 -0.46	31.39 1.67 -0.45	38.08 2.14 -0.86	42.68 2.46 -1.23	39.49 2.03 -0.56	35.71 1.66 -0.21	31.33 1.46 0.00	30.03 1.38 0.00	25.29 1.14 0.00	22.68 1.00 0.00

CPV_VALLEY___CC2 323722	20.47 0.81 0.00	18.74 0.65 0.00	17.40 0.62 0.00	16.69 0.64 0.00	16.63 0.59 0.00	17.16 0.61 0.00	19.61 0.79 0.00	21.27 0.88 0.00	23.16 1.00 0.00	24.04 1.14 0.00	24.23 1.22 0.00	24.85 1.23 0.00	25.75 1.29 -0.05	27.57 1.40 -0.14	31.25 1.63 -0.46	31.39 1.67 -0.45	38.08 2.14 -0.86	42.68 2.46 -1.23	39.49 2.03 -0.56	35.71 1.66 -0.21	31.33 1.46 0.00	30.03 1.38 0.00	25.29 1.14 0.00	22.68 1.00 0.00
CRESCENT___HYD 24018	20.51 0.84 0.00	18.83 0.74 0.00	17.47 0.69 0.00	16.75 0.71 0.00	16.73 0.69 0.00	17.24 0.69 0.00	19.70 0.88 0.00	21.29 0.90 0.00	23.07 0.91 0.00	23.88 0.98 0.00	24.03 1.01 0.00	24.64 1.02 0.00	25.36 1.05 0.09	26.84 1.09 0.27	29.54 1.25 0.87	29.70 1.29 0.86	35.13 1.68 1.63	40.35 2.14 0.79	37.81 1.95 1.05	35.06 1.62 0.40	31.36 1.49 0.00	30.08 1.43 0.00	25.29 1.14 0.00	22.63 0.95 0.00
CRICKET___VALLEY_CC1 323756	20.60 0.94 0.00	18.93 0.83 0.00	17.54 0.76 0.00	16.85 0.80 0.00	16.80 0.75 0.00	17.31 0.76 0.00	19.76 0.94 0.00	21.33 0.94 0.00	23.21 1.04 0.00	24.08 1.19 0.00	24.28 1.26 0.00	24.87 1.25 0.00	24.82 1.32 0.90	24.76 1.43 2.69	22.16 1.63 8.63	22.46 1.67 8.48	21.38 2.14 15.85	24.83 2.53 16.69	28.76 2.07 10.21	31.58 1.62 3.88	31.33 1.46 0.00	30.05 1.40 0.00	25.34 1.18 0.00	22.72 1.04 0.00
CRICKET___VALLEY_CC2 323757	20.60 0.94 0.00	18.93 0.83 0.00	17.54 0.76 0.00	16.85 0.80 0.00	16.80 0.75 0.00	17.31 0.76 0.00	19.76 0.94 0.00	21.33 0.94 0.00	23.21 1.04 0.00	24.08 1.19 0.00	24.28 1.26 0.00	24.87 1.25 0.00	24.82 1.32 0.90	24.76 1.43 2.69	22.16 1.63 8.63	22.46 1.67 8.48	21.38 2.14 15.85	24.83 2.53 16.69	28.76 2.07 10.21	31.58 1.62 3.88	31.33 1.46 0.00	30.05 1.40 0.00	25.34 1.18 0.00	22.72 1.04 0.00
CRICKET___VALLEY_CC3 323758	20.60 0.94 0.00	18.93 0.83 0.00	17.54 0.76 0.00	16.85 0.80 0.00	16.80 0.75 0.00	17.31 0.76 0.00	19.76 0.94 0.00	21.33 0.94 0.00	23.21 1.04 0.00	24.08 1.19 0.00	24.28 1.26 0.00	24.87 1.25 0.00	24.82 1.32 0.90	24.76 1.43 2.69	22.16 1.63 8.63	22.46 1.67 8.48	21.38 2.14 15.85	24.83 2.53 16.69	28.76 2.07 10.21	31.58 1.62 3.88	31.33 1.46 0.00	30.05 1.40 0.00	25.34 1.18 0.00	22.72 1.04 0.00
CRUCIBLE_METL_DRP 24180	19.82 0.16 0.00	18.16 0.07 0.00	16.83 0.05 0.00	16.03 -0.02 0.00	16.06 0.02 0.00	16.58 0.03 0.00	18.95 0.13 0.00	20.43 0.04 0.00	22.23 0.07 0.00	22.92 0.02 0.00	23.26 0.00 -0.24	24.11 0.00 -0.49	25.07 0.02 -0.64	27.12 0.13 -0.96	30.78 0.12 -1.51	30.55 0.09 -1.20	36.78 0.07 -1.62	40.27 -0.12 -1.40	38.57 0.11 -1.55	36.29 0.17 -2.29	31.67 0.12 -1.68	29.86 0.11 -1.09	24.44 0.00 -0.28	21.81 0.13 0.00
DAHOWA___HYDRO 323763	20.76 1.10 0.00	19.05 0.96 0.00	17.65 0.87 0.00	16.94 0.90 0.00	16.89 0.85 0.00	17.44 0.89 0.00	19.87 1.05 0.00	21.51 1.12 0.00	23.32 1.15 0.00	24.08 1.19 0.00	24.19 1.17 0.00	24.78 1.16 0.00	25.53 1.20 0.07	26.94 1.14 0.22	29.78 1.34 0.71	29.94 1.38 0.70	35.64 1.89 1.34	41.01 2.42 0.40	38.56 2.51 0.86	35.85 2.33 0.33	32.11 2.24 0.00	30.77 2.12 0.00	25.80 1.64 0.00	23.03 1.34 0.00
DANC___LFGE 323619	19.68 0.02 0.00	18.07 -0.02 0.00	16.77 -0.02 0.00	15.98 -0.06 0.00	15.99 -0.05 0.00	16.51 -0.03 0.00	18.86 0.04 0.00	20.35 -0.04 0.00	22.14 -0.02 0.00	22.73 -0.16 0.00	23.04 -0.16 -0.19	23.89 -0.12 -0.38	24.81 -0.10 -0.50	26.77 0.00 -0.75	30.36 0.03 -1.17	30.17 -0.03 -0.93	36.28 -0.07 -1.27	39.74 -0.31 -1.06	38.22 0.11 -1.20	36.16 0.54 -1.78	31.69 0.51 -1.31	30.07 0.57 -0.85	24.72 0.34 -0.22	22.05 0.37 0.00
DANSKAMMER___1 23586	20.88 1.22 0.00	19.12 1.03 0.00	17.72 0.94 0.00	17.01 0.96 0.00	16.95 0.91 0.00	17.47 0.93 0.00	19.97 1.15 0.00	21.66 1.26 0.00	23.63 1.46 0.00	24.56 1.67 0.00	24.74 1.73 0.00	25.37 1.75 0.00	26.29 1.83 -0.05	28.17 2.00 -0.15	31.96 2.33 -0.47	32.10 2.37 -0.46	39.01 3.05 -0.88	43.80 3.51 -1.30	40.50 3.03 -0.57	36.59 2.54 -0.22	32.08 2.21 0.00	30.74 2.09 0.00	25.87 1.72 0.00	23.18 1.49 0.00
DANSKAMMER___2 23589	20.88 1.22 0.00	19.12 1.03 0.00	17.72 0.94 0.00	17.01 0.96 0.00	16.95 0.91 0.00	17.47 0.93 0.00	19.97 1.15 0.00	21.66 1.26 0.00	23.63 1.46 0.00	24.56 1.67 0.00	24.74 1.73 0.00	25.37 1.75 0.00	26.29 1.83 -0.05	28.17 2.00 -0.15	31.96 2.33 -0.47	32.10 2.37 -0.46	39.01 3.05 -0.88	43.80 3.51 -1.30	40.50 3.03 -0.57	36.59 2.54 -0.22	32.08 2.21 0.00	30.74 2.09 0.00	25.87 1.72 0.00	23.18 1.49 0.00
DANSKAMMER___3 23590	20.88 1.22 0.00	19.12 1.03 0.00	17.72 0.94 0.00	17.01 0.96 0.00	16.95 0.91 0.00	17.47 0.93 0.00	19.97 1.15 0.00	21.66 1.26 0.00	23.63 1.46 0.00	24.56 1.67 0.00	24.74 1.73 0.00	25.37 1.75 0.00	26.29 1.83 -0.05	28.17 2.00 -0.15	31.96 2.33 -0.47	32.10 2.37 -0.46	39.01 3.05 -0.88	43.80 3.51 -1.30	40.50 3.03 -0.57	36.59 2.54 -0.22	32.08 2.21 0.00	30.74 2.09 0.00	25.87 1.72 0.00	23.18 1.49 0.00
DANSKAMMER___4 23591	20.88 1.22 0.00	19.12 1.03 0.00	17.72 0.94 0.00	17.01 0.96 0.00	16.95 0.91 0.00	17.47 0.93 0.00	19.97 1.15 0.00	21.66 1.26 0.00	23.63 1.46 0.00	24.56 1.67 0.00	24.74 1.73 0.00	25.37 1.75 0.00	26.29 1.83 -0.05	28.17 2.00 -0.15	31.96 2.33 -0.47	32.10 2.37 -0.46	39.01 3.05 -0.88	43.80 3.51 -1.30	40.50 3.03 -0.57	36.59 2.54 -0.22	32.08 2.21 0.00	30.74 2.09 0.00	25.87 1.72 0.00	23.18 1.49 0.00
DANSKAMMER___DIESEL 23592	20.88 1.22 0.00	19.12 1.03 0.00	17.72 0.94 0.00	17.01 0.96 0.00	16.96 0.91 0.00	17.47 0.93 0.00	19.97 1.15 0.00	21.66 1.26 0.00	23.63 1.46 0.00	24.56 1.67 0.00	24.72 1.70 0.00	25.37 1.75 0.00	26.28 1.83 -0.05	28.17 2.00 -0.14	31.95 2.33 -0.46	32.09 2.37 -0.46	39.01 3.05 -0.88	43.80 3.51 -1.29	40.46 2.99 -0.56	36.59 2.54 -0.21	32.08 2.21 0.00	30.74 2.09 0.00	25.87 1.72 0.00	23.18 1.50 0.00
DARBY___SOLAR 323810	20.72 1.06 0.00	19.03 0.94 0.00	17.64 0.86 0.00	16.91 0.87 0.00	16.87 0.83 0.00	17.41 0.86 0.00	19.85 1.03 0.00	21.49 1.10 0.00	23.29 1.13 0.00	24.06 1.17 0.00	24.19 1.17 0.00	24.78 1.16 0.00	25.52 1.20 0.08	26.96 1.17 0.23	29.79 1.37 0.74	29.95 1.40 0.73	35.59 1.89 1.39	40.91 2.38 0.46	38.45 2.44 0.89	35.73 2.23 0.34	31.99 2.12 0.00	30.66 2.00 0.00	25.70 1.55 0.00	22.96 1.28 0.00
DASHVILLE___HYD 23610	20.56 0.90 0.00	18.85 0.76 0.00	17.52 0.74 0.00	16.77 0.72 0.00	16.71 0.67 0.00	17.22 0.68 0.00	19.74 0.92 0.00	21.39 1.00 0.00	23.36 1.20 0.00	24.31 1.42 0.00	24.46 1.45 0.00	25.11 1.49 0.00	26.26 1.83 -0.02	28.10 2.00 -0.07	31.72 2.33 -0.24	31.87 2.37 -0.23	38.54 3.02 -0.44	43.38 3.51 -0.88	40.15 2.95 -0.29	36.42 2.47 -0.11	31.69 1.82 0.00	30.40 1.75 0.00	25.58 1.43 0.00	22.92 1.24 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	21.98 2.32 0.00	20.14 2.04 0.00	18.48 1.69 0.00	17.96 1.91 0.00	17.95 1.91 0.00	18.43 1.89 0.00	20.93 2.11 0.00	22.86 2.47 0.00	24.98 2.81 0.00	27.71 3.07 -1.75	30.05 2.90 -4.14	32.08 3.07 -5.39	32.09 3.17 -4.51	32.86 3.41 -3.42	37.88 4.02 -4.71	42.55 4.24 -9.04	41.54 5.09 -1.38	46.79 5.77 -2.03	42.76 5.09 -0.76	38.49 4.37 -0.28	33.63 3.64 -0.11	32.72 3.41 -0.66	30.92 3.02 -3.75	24.37 2.67 -0.02
DELAWARE___LFGE 323621	20.37 0.71 0.00	18.67 0.58 0.00	17.35 0.57 0.00	16.59 0.55 0.00	16.57 0.53 0.00	17.08 0.53 0.00	19.53 0.72 0.00	21.13 0.73 0.00	23.01 0.84 0.00	23.90 1.01 0.00	24.19 1.08 -0.10	24.95 1.13 -0.19	25.85 1.20 -0.25	27.83 1.43 -0.38	31.41 1.66 -0.59	30.73 1.23 -0.24	36.88 1.47 -0.32	41.08 1.56 -0.53	38.69 1.48 -0.31	35.75 1.46 -0.45	31.49 1.28 -0.33	30.10 1.23 -0.22	25.18 0.97 -0.06	22.55 0.87 0.00
DERFIELD_115KV_TB7 355931	19.74 0.08 0.00	18.15 0.05 0.00	16.85 0.07 0.00	16.09 0.05 0.00	16.09 0.05 0.00	16.58 0.03 0.00	18.91 0.09 0.00	20.45 0.06 0.00	22.23 0.07 0.00	22.96 0.07 0.00	23.08 0.07 0.00	23.69 0.07 0.00	24.48 0.07 0.00	26.13 0.10 0.00	29.27 0.12 0.00	29.41 0.15 0.00	35.26 0.18 0.00	39.15 0.16 0.00	37.09 0.18 0.00	34.04 0.20 0.00	30.05 0.18 0.00	28.79 0.14 0.00	24.25 0.10 0.00	21.79 0.11 0.00
DOGLEVILLE___HYD 23807	19.39 -0.28 0.00	17.82 -0.27 0.00	16.61 -0.17 0.00	15.82 -0.22 0.00	15.82 -0.22 0.00	16.31 -0.23 0.00	18.69 -0.13 0.00	20.23 -0.16 0.00	22.03 -0.13 0.00	22.76 -0.14 0.00	22.83 -0.18 0.00	23.43 -0.19 0.00	24.24 -0.17 0.00	25.87 -0.16 0.00	29.01 -0.15 0.00	29.15 -0.12 0.00	34.98 -0.10 0.00	38.80 -0.19 0.00	36.76 -0.15 0.00	33.74 -0.10 0.00	29.69 -0.18 0.00	28.48 -0.17 0.00	23.89 -0.27 0.00	21.44 -0.24 0.00
DUNKIRK___115KV_TB_200 55889	20.45 0.79 0.00	18.56 0.47 0.00	16.98 0.20 0.00	16.13 0.08 0.00	16.22 0.18 0.00	16.89 0.35 0.00	19.40 0.58 0.00	20.88 0.49 0.00	22.65 0.49 0.00	23.21 0.32 0.00	23.54 0.53 0.00	24.16 0.54 0.00	25.11 0.71 0.00	26.65 0.62 0.00	29.62 0.47 0.00	29.74 0.47 0.00	35.40 0.32 0.00	38.78 -0.27 -0.06	37.17 0.26 0.00	34.69 0.85 0.00	30.50 0.63 0.00	29.02 0.37 0.00	24.33 0.17 0.00	22.20 0.52 0.00
DUNKIRK___1 23563	20.45 0.79 0.00	18.56 0.47 0.00	16.98 0.20 0.00	16.13 0.08 0.00	16.22 0.18 0.00	16.89 0.35 0.00	19.40 0.58 0.00	20.88 0.49 0.00	22.65 0.49 0.00	23.21 0.32 0.00	23.54 0.53 0.00	24.16 0.54 0.00	25.11 0.71 0.00	26.65 0.62 0.00	29.62 0.47 0.00	29.74 0.47 0.00	35.40 0.32 0.00	38.78 -0.27 -0.06	37.17 0.26 0.00	34.69 0.85 0.00	30.50 0.63 0.00	29.02 0.37 0.00	24.33 0.17 0.00	22.20 0.52 0.00
DUNKIRK___2 23564	20.45 0.79 0.00	18.56 0.47 0.00	16.98 0.20 0.00	16.13 0.08 0.00	16.22 0.18 0.00	16.89 0.35 0.00	19.40 0.58 0.00	20.88 0.49 0.00	22.65 0.49 0.00	23.21 0.32 0.00	23.54 0.53 0.00	24.16 0.54 0.00	25.11 0.71 0.00	26.65 0.62 0.00	29.62 0.47 0.00	29.74 0.47 0.00	35.40 0.32 0.00	38.78 -0.27 -0.06	37.17 0.26 0.00	34.69 0.85 0.00	30.50 0.63 0.00	29.02 0.37 0.00	24.33 0.17 0.00	22.20 0.52 0.00
DUNKIRK___3 23565	20.31 0.65 0.00	18.45 0.36 0.00	16.90 0.12 0.00	16.03 -0.02 0.00	16.14 0.10 0.00	16.79 0.25 0.00	19.27 0.45 0.00	20.72 0.33 0.00	22.45 0.29 0.00	23.01 0.11 0.00	23.29 0.28 0.00	23.93 0.31 0.00	24.84 0.44 0.00	26.39 0.36 0.00	29.33 0.17 0.00	29.47 0.20 0.00	35.08 0.00 0.00	38.47 -0.58 -0.06	36.91 0.00 0.00	34.45 0.61 0.00	30.32 0.45 0.00	28.88 0.23 0.00	24.23 0.07 0.00	22.12 0.43 0.00
DUNKIRK___4 23566	20.31 0.65 0.00	18.45 0.36 0.00	16.90 0.12 0.00	16.03 -0.02 0.00	16.14 0.10 0.00	16.79 0.25 0.00	19.27 0.45 0.00	20.72 0.33 0.00	22.45 0.29 0.00	23.01 0.11 0.00	23.29 0.28 0.00	23.93 0.31 0.00	24.84 0.44 0.00	26.39 0.36 0.00	29.33 0.17 0.00	29.47 0.20 0.00	35.08 0.00 0.00	38.47 -0.58 -0.06	36.91 0.00 0.00	34.45 0.61 0.00	30.32 0.45 0.00	28.88 0.23 0.00	24.23 0.07 0.00	22.12 0.43 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	20.90 1.24 0.00	19.16 1.07 0.00	17.74 0.96 0.00	17.04 0.99 0.00	16.97 0.93 0.00	17.49 0.94 0.00	20.04 1.22 0.00	21.78 1.39 0.00	23.74 1.57 0.00	24.70 1.81 0.00	24.88 1.86 0.00	25.53 1.91 0.00	26.49 2.03 -0.06	28.43 2.21 -0.19	32.30 2.54 -0.61	32.41 2.55 -0.60	39.42 3.19 -1.15	44.24 3.67 -1.59	40.71 3.06 -0.74	36.62 2.50 -0.28	32.08 2.21 0.00	30.74 2.09 0.00	25.92 1.76 0.00	23.20 1.52 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	20.72 1.06 0.00	18.98 0.89 0.00	17.60 0.82 0.00	16.88 0.83 0.00	16.83 0.79 0.00	17.36 0.81 0.00	19.84 1.02 0.00	21.52 1.12 0.00	23.47 1.31 0.00	24.38 1.49 0.00	24.56 1.54 0.00	25.20 1.58 0.00	26.11 1.66 -0.05	27.99 1.82 -0.15	31.75 2.13 -0.47	31.86 2.14 -0.46	38.69 2.74 -0.88	43.47 3.20 -1.28	40.17 2.69 -0.56	36.32 2.27 -0.21	31.84 1.97 0.00	30.51 1.86 0.00	25.68 1.52 0.00	23.00 1.32 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	21.14 1.47 -0.01	19.37 1.27 -0.01	17.96 1.17 0.00	17.23 1.19 0.00	17.15 1.11 0.00	17.54 0.99 0.00	20.08 1.26 0.00	21.76 1.37 0.00	23.74 1.57 0.00	24.96 2.06 -0.01	25.12 2.09 -0.01	25.79 2.17 0.00	26.72 2.25 -0.07	28.64 2.42 -0.20	32.54 2.77 -0.62	32.69 2.81 -0.61	39.57 3.33 -1.16	44.45 3.86 -1.60	40.78 3.14 -0.74	36.59 2.47 -0.28	32.17 2.30 0.00	31.03 2.38 0.00	26.22 2.05 -0.01	23.44 1.76 0.00
E179THST_13_KV_LOAD 356214	21.24 1.57 -0.01	19.44 1.34 -0.01	18.02 1.24 0.00	17.28 1.24 0.00	17.20 1.15 0.00	17.59 1.04 0.00	20.16 1.34 0.00	21.86 1.47 0.00	23.85 1.68 0.00	25.08 2.17 -0.01	25.25 2.23 -0.01	25.91 2.29 0.00	26.87 2.39 -0.07	28.80 2.58 -0.20	32.69 2.92 -0.62	32.83 2.96 -0.61	39.81 3.58 -1.16	44.72 4.13 -1.60	41.01 3.36 -0.74	36.79 2.67 -0.28	32.35 2.48 0.00	31.17 2.52 0.00	26.34 2.17 -0.01	23.55 1.86 0.00
EAST HAMPTON___GT 23717	22.28 2.62 -0.01	20.42 2.32 -0.01	18.73 1.95 0.00	18.20 2.15 -0.01	18.18 2.13 -0.01	18.67 2.12 -0.01	21.21 2.39 0.00	23.20 2.79 -0.01	25.34 3.17 -0.01	28.10 3.46 -1.75	30.49 3.34 -4.14	32.48 3.47 -5.39	32.50 3.59 -4.51	33.28 3.83 -3.43	38.41 4.55 -4.71	43.03 4.71 -9.05	42.15 5.68 -1.38	47.50 6.47 -2.03	43.39 5.72 -0.77	39.07 4.94 -0.29	34.08 4.09 -0.11	33.15 3.84 -0.66	31.26 3.36 -3.75	24.67 2.97 -0.02
EAST RIVER___6 23660	20.98 1.32 0.00	19.21 1.12 0.00	17.79 1.01 0.00	17.09 1.04 0.00	16.97 0.93 0.00	17.47 0.93 0.00	20.04 1.22 0.00	21.80 1.41 0.00	23.76 1.60 0.00	24.82 1.92 0.00	25.06 2.05 0.00	25.65 2.03 0.00	26.62 2.15 -0.06	28.56 2.34 -0.19	32.42 2.65 -0.62	32.59 2.72 -0.60	39.57 3.33 -1.15	44.45 3.86 -1.59	40.79 3.14 -0.74	36.59 2.47 -0.28	32.08 2.21 0.00	30.80 2.15 0.00	25.99 1.84 0.00	23.24 1.56 0.00

EAST RIVER___7 23524	20.98 1.32 0.00	19.21 1.12 0.00	17.79 1.01 0.00	17.09 1.04 0.00	16.97 0.93 0.00	17.47 0.93 0.00	20.04 1.22 0.00	21.80 1.41 0.00	23.76 1.60 0.00	24.82 1.92 0.00	25.06 2.05 0.00	25.65 2.03 0.00	26.62 2.15 -0.06	28.56 2.34 -0.19	32.42 2.65 -0.62	32.59 2.72 -0.60	39.57 3.33 -1.15	44.45 3.86 -1.59	40.79 3.14 -0.74	36.59 2.47 -0.28	32.08 2.21 0.00	30.80 2.15 0.00	25.99 1.84 0.00	23.24 1.56 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	20.86 1.20 0.00	19.11 1.01 0.00	17.72 0.94 0.00	17.01 0.96 0.00	16.94 0.90 0.00	17.46 0.91 0.00	20.01 1.19 0.00	21.72 1.33 0.00	23.67 1.51 0.00	24.63 1.74 0.00	24.81 1.80 0.00	25.46 1.84 0.00	26.42 1.95 -0.06	28.32 2.11 -0.19	32.21 2.45 -0.61	32.33 2.46 -0.60	39.31 3.09 -1.14	44.12 3.55 -1.58	40.60 2.95 -0.74	36.52 2.40 -0.28	31.99 2.12 0.00	30.68 2.03 0.00	25.85 1.69 0.00	23.16 1.47 0.00
EAST_HAMPTON___DIESEL 23722	22.28 2.62 -0.01	20.42 2.32 -0.01	18.73 1.95 0.00	18.20 2.15 -0.01	18.20 2.15 -0.01	18.67 2.12 -0.01	21.21 2.39 0.00	23.20 2.79 -0.01	25.34 3.17 -0.01	28.10 3.46 -1.75	30.49 3.34 -4.14	32.50 3.50 -5.39	32.52 3.61 -4.51	33.30 3.85 -3.43	38.41 4.55 -4.71	43.05 4.74 -9.05	42.15 5.68 -1.38	47.50 6.47 -2.03	43.39 5.72 -0.77	39.07 4.94 -0.29	34.08 4.09 -0.11	33.15 3.84 -0.66	31.26 3.36 -3.75	24.69 2.99 -0.02
EAST_PULASKI___ESR 323781	19.60 -0.06 0.00	17.98 -0.11 0.00	16.66 -0.12 0.00	15.90 -0.14 0.00	15.91 -0.13 0.00	16.43 -0.12 0.00	18.76 -0.06 0.00	20.33 -0.06 0.00	22.10 -0.07 0.00	22.73 -0.16 0.00	23.07 -0.16 -0.22	23.92 -0.14 -0.44	24.86 -0.12 -0.58	26.86 -0.03 -0.87	30.48 -0.03 -1.36	30.26 -0.09 -1.08	36.37 -0.18 -1.46	39.79 -0.43 -1.22	38.26 -0.04 -1.39	36.17 0.27 -2.06	31.62 0.24 -1.51	29.98 0.34 -0.98	24.56 0.14 -0.26	21.92 0.24 0.00
EAST_RIVER___1 323558	20.98 1.32 0.00	19.21 1.12 0.00	17.81 1.02 0.00	17.10 1.06 0.00	17.00 0.96 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.86 1.97 0.00	25.11 2.09 0.00	25.70 2.08 0.00	26.67 2.20 -0.06	28.61 2.39 -0.19	32.45 2.68 -0.62	32.62 2.75 -0.60	39.60 3.37 -1.15	44.48 3.90 -1.59	40.83 3.17 -0.74	36.69 2.57 -0.28	32.14 2.27 0.00	30.86 2.21 0.00	26.02 1.86 0.00	23.29 1.60 0.00
EAST_RIVER___2 323559	20.98 1.32 0.00	19.21 1.12 0.00	17.79 1.01 0.00	17.09 1.04 0.00	16.97 0.93 0.00	17.47 0.93 0.00	20.04 1.22 0.00	21.80 1.41 0.00	23.76 1.60 0.00	24.82 1.92 0.00	25.06 2.05 0.00	25.65 2.03 0.00	26.62 2.15 -0.06	28.56 2.34 -0.19	32.42 2.65 -0.62	32.59 2.72 -0.60	39.57 3.33 -1.15	44.45 3.86 -1.59	40.79 3.14 -0.74	36.59 2.47 -0.28	32.08 2.21 0.00	30.80 2.15 0.00	25.99 1.84 0.00	23.24 1.56 0.00
EAST___DELAWARE_HYD 23607	20.37 0.71 0.00	18.65 0.56 0.00	17.20 0.42 0.00	16.59 0.55 0.00	16.54 0.50 0.00	17.04 0.50 0.00	19.35 0.53 0.00	20.99 0.59 0.00	22.94 0.78 0.00	23.85 0.96 0.00	24.03 1.01 0.00	24.64 1.02 0.00	25.51 1.07 -0.03	27.32 1.20 -0.10	30.92 1.43 -0.33	31.12 1.52 -0.33	37.77 2.07 -0.62	42.41 2.42 -1.00	39.34 2.03 -0.40	35.72 1.72 -0.15	31.36 1.49 0.00	30.05 1.40 0.00	25.27 1.11 0.00	22.61 0.93 0.00
EIGHT_POINT___WT_PWR 323820	20.55 0.89 0.00	18.69 0.60 0.00	17.24 0.45 0.00	16.35 0.30 0.00	16.44 0.40 0.00	17.08 0.53 0.00	19.63 0.81 0.00	21.13 0.73 0.00	22.85 0.69 0.00	23.42 0.53 0.00	23.57 0.51 -0.05	24.34 0.61 -0.11	25.28 0.73 -0.14	27.06 0.83 -0.21	30.27 0.79 -0.32	30.31 0.79 -0.25	36.23 0.81 -0.34	39.78 0.43 -0.36	38.27 1.03 -0.33	35.61 1.29 -0.48	31.27 1.04 -0.36	29.74 0.86 -0.23	24.82 0.60 -0.06	22.53 0.84 0.00
ELBRIDGE_115KV_TB2 80188	19.78 0.12 0.00	18.13 0.04 0.00	16.78 0.00 0.00	16.00 -0.05 0.00	16.04 0.00 0.00	16.56 0.02 0.00	18.89 0.08 0.00	20.37 -0.02 0.00	22.14 -0.02 0.00	22.82 -0.07 0.00	23.21 -0.07 -0.26	24.08 -0.07 -0.53	25.02 -0.07 -0.69	27.07 0.03 -1.03	30.73 -0.03 -1.61	30.51 -0.03 -1.27	36.70 -0.11 -1.73	40.20 -0.27 -1.49	38.55 0.00 -1.65	36.34 0.07 -2.43	31.72 0.06 -1.79	29.84 0.03 -1.16	24.39 -0.07 -0.30	21.75 0.07 0.00
ELEC_TRO_TEK 24086	21.27 1.61 0.00	19.49 1.39 0.00	17.99 1.21 0.00	17.35 1.30 0.00	17.28 1.24 0.00	17.82 1.27 0.00	20.36 1.54 0.00	22.13 1.73 0.00	24.12 1.95 0.00	26.75 2.11 -1.75	29.25 2.09 -4.14	31.16 2.15 -5.39	31.18 2.27 -4.51	31.89 2.45 -3.42	36.66 2.80 -4.71	41.18 2.87 -9.04	40.00 3.54 -1.38	45.07 4.06 -2.03	41.10 3.43 -0.76	37.10 2.98 -0.28	32.46 2.48 -0.11	31.69 2.38 -0.66	29.98 2.08 -3.75	23.59 1.89 -0.02
ELLENBURG_WT_PWR 323604	19.72 0.06 0.00	18.22 0.13 0.00	16.88 0.10 0.00	16.21 0.16 0.00	16.23 0.19 0.00	16.76 0.21 0.00	18.88 0.06 0.00	20.64 0.25 0.00	22.43 0.27 0.00	23.12 0.23 0.00	23.22 0.21 0.00	23.83 0.21 0.00	24.62 0.22 0.00	26.28 0.26 0.00	29.39 0.23 0.00	29.56 0.29 0.00	35.29 0.21 0.00	39.42 0.43 0.00	37.20 0.29 0.00	33.98 0.14 0.00	29.93 0.06 0.00	28.62 -0.03 0.00	24.18 0.02 0.00	21.60 -0.09 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	20.11 0.45 0.00	18.27 0.18 0.00	16.73 -0.05 0.00	15.85 -0.19 0.00	15.96 -0.08 0.00	16.58 0.03 0.00	19.08 0.26 0.00	20.43 0.04 0.00	22.10 -0.07 0.00	22.64 -0.25 0.00	22.97 -0.05 0.00	23.57 -0.05 0.00	24.53 0.12 0.00	26.00 -0.03 0.00	28.89 -0.26 0.00	28.89 -0.38 0.00	34.34 -0.74 0.00	37.69 -1.36 -0.06	36.24 -0.66 0.00	34.04 0.20 0.00	29.96 0.09 0.00	28.56 -0.09 0.00	23.99 -0.17 0.00	21.94 0.26 0.00
EMPIRE_CC_1 323656	20.29 0.63 0.00	18.62 0.53 0.00	17.32 0.54 0.00	16.59 0.55 0.00	16.55 0.51 0.00	17.06 0.51 0.00	19.46 0.64 0.00	20.92 0.53 0.00	22.67 0.51 0.00	23.49 0.59 0.00	23.66 0.64 0.00	24.26 0.64 0.00	24.95 0.66 0.11	26.42 0.73 0.33	28.90 0.82 1.07	29.06 0.85 1.05	34.20 1.12 2.01	38.82 1.48 1.65	36.83 1.22 1.29	34.33 0.98 0.49	30.77 0.90 0.00	29.54 0.89 0.00	24.86 0.70 0.00	22.35 0.67 0.00
EMPIRE_CC_2 323658	20.29 0.63 0.00	18.62 0.53 0.00	17.32 0.54 0.00	16.59 0.55 0.00	16.55 0.51 0.00	17.06 0.51 0.00	19.46 0.64 0.00	20.92 0.53 0.00	22.67 0.51 0.00	23.49 0.59 0.00	23.66 0.64 0.00	24.26 0.64 0.00	24.95 0.66 0.11	26.42 0.73 0.33	28.90 0.82 1.07	29.06 0.85 1.05	34.20 1.12 2.01	38.82 1.48 1.65	36.83 1.22 1.29	34.33 0.98 0.49	30.77 0.90 0.00	29.54 0.89 0.00	24.86 0.70 0.00	22.35 0.67 0.00
ENORWICH_115KV_TB1 80156	21.02 1.36 0.00	19.25 1.16 0.00	17.94 1.16 0.00	17.01 0.96 0.00	17.02 0.98 0.00	17.59 1.04 0.00	20.27 1.45 0.00	21.84 1.45 0.00	23.69 1.53 0.00	24.22 1.33 0.00	24.48 1.36 -0.11	25.26 1.42 -0.22	26.18 1.49 -0.29	28.27 1.82 -0.43	31.98 2.16 -0.67	31.96 2.22 -0.46	38.48 2.77 -0.63	42.33 2.65 -0.68	40.61 3.10 -0.60	38.18 3.45 -0.89	33.63 3.11 -0.65	31.94 2.87 -0.42	26.39 2.13 -0.11	23.63 1.95 0.00

ERIE_ST__34_KV_TB1-2 80199	20.21 0.55 0.00	18.36 0.27 0.00	16.82 0.03 0.00	15.95 -0.10 0.00	16.04 0.00 0.00	16.71 0.17 0.00	19.20 0.38 0.00	20.60 0.20 0.00	22.28 0.11 0.00	22.82 -0.07 0.00	22.90 -0.12 0.00	23.50 -0.12 0.00	24.45 0.05 0.00	25.97 -0.05 0.00	28.92 -0.23 0.00	29.38 0.12 0.00	35.01 -0.07 0.00	38.39 -0.66 -0.06	36.83 -0.07 0.00	34.45 0.61 0.00	30.32 0.45 0.00	28.88 0.23 0.00	24.20 0.05 0.00	22.12 0.43 0.00
ERIE_WT_PWR 323693	20.21 0.55 0.00	18.35 0.25 0.00	16.83 0.05 0.00	15.93 -0.11 0.00	16.04 0.00 0.00	16.68 0.13 0.00	19.18 0.36 0.00	20.56 0.16 0.00	22.23 0.07 0.00	22.78 -0.11 0.00	22.90 -0.11 0.00	23.67 0.05 0.00	24.62 0.22 0.00	26.10 0.08 0.00	29.12 -0.03 0.00	29.12 -0.15 0.00	34.66 -0.42 0.00	38.04 -1.01 -0.06	36.57 -0.33 0.00	34.28 0.44 0.00	30.17 0.30 0.00	28.77 0.12 0.00	24.13 -0.02 0.00	22.07 0.39 0.00
ESPRGFLD_115KV_TB1 80157	21.04 1.38 0.00	19.27 1.18 0.00	17.86 1.07 0.00	17.09 1.04 0.00	17.07 1.03 0.00	17.66 1.11 0.00	20.17 1.36 0.00	21.80 1.41 0.00	23.69 1.53 0.00	24.31 1.42 0.00	24.49 1.47 0.00	25.13 1.51 0.00	25.94 1.56 0.03	27.65 1.72 0.09	30.89 2.01 0.27	31.17 2.17 0.26	37.28 2.70 0.50	42.11 2.92 -0.19	39.58 2.99 0.32	36.66 2.94 0.12	32.56 2.69 0.00	31.26 2.61 0.00	26.16 2.00 0.00	23.42 1.73 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	20.25 0.59 0.00	18.54 0.45 0.00	17.17 0.39 0.00	16.35 0.30 0.00	16.39 0.35 0.00	16.94 0.40 0.00	19.38 0.56 0.00	20.92 0.53 0.00	22.70 0.53 0.00	23.33 0.43 0.00	23.59 0.44 -0.14	24.33 0.43 -0.28	25.24 0.46 -0.37	27.20 0.62 -0.56	30.72 0.70 -0.87	30.67 0.73 -0.67	36.87 0.88 -0.92	40.67 0.82 -0.85	38.92 1.14 -0.87	36.35 1.22 -1.29	31.89 1.08 -0.95	30.27 1.00 -0.61	24.99 0.68 -0.16	22.40 0.72 0.00
ETNA____115KV_TB2 80207	20.25 0.59 0.00	18.54 0.45 0.00	17.17 0.39 0.00	16.35 0.30 0.00	16.39 0.35 0.00	16.94 0.40 0.00	19.38 0.56 0.00	20.92 0.53 0.00	22.70 0.53 0.00	23.33 0.43 0.00	23.59 0.44 -0.14	24.33 0.43 -0.28	25.24 0.46 -0.37	27.20 0.62 -0.56	30.72 0.70 -0.87	30.67 0.73 -0.67	36.87 0.88 -0.92	40.67 0.82 -0.85	38.92 1.14 -0.87	36.35 1.22 -1.29	31.89 1.08 -0.95	30.27 1.00 -0.61	24.99 0.68 -0.16	22.40 0.72 0.00
EUCLID____115KV_TB2 356179	19.60 -0.06 0.00	17.97 -0.13 0.00	16.65 -0.13 0.00	15.87 -0.18 0.00	15.90 -0.14 0.00	16.41 -0.13 0.00	18.76 -0.06 0.00	20.21 -0.18 0.00	21.97 -0.20 0.00	22.66 -0.23 0.00	22.87 -0.25 -0.11	23.58 -0.26 -0.22	24.45 -0.24 -0.29	26.24 -0.21 -0.43	29.53 -0.29 -0.67	29.48 -0.32 -0.53	35.38 -0.42 -0.72	38.97 -0.62 -0.60	37.22 -0.37 -0.69	34.58 -0.27 -1.01	30.38 -0.24 -0.75	28.90 -0.23 -0.48	23.99 -0.29 -0.13	21.59 -0.09 0.00
E_CANADA_CAP_HY 24051	21.41 1.75 0.00	19.63 1.54 0.00	18.17 1.39 0.00	17.44 1.40 0.00	17.39 1.35 0.00	17.99 1.44 0.00	20.53 1.71 0.00	22.15 1.75 0.00	23.96 1.79 0.00	24.59 1.69 0.00	24.76 1.75 0.00	25.39 1.77 0.00	26.22 1.85 0.04	27.88 1.98 0.12	31.07 2.30 0.38	31.32 2.43 0.38	37.45 3.09 0.72	42.75 3.63 -0.13	40.21 3.77 0.46	37.25 3.59 0.18	33.22 3.34 0.00	31.92 3.26 0.00	26.69 2.54 0.00	23.83 2.15 0.00
E_CANADA_MHWK_HY 24050	19.39 -0.28 0.00	17.82 -0.27 0.00	16.61 -0.17 0.00	15.82 -0.22 0.00	15.82 -0.22 0.00	16.31 -0.23 0.00	18.69 -0.13 0.00	20.23 -0.16 0.00	22.03 -0.13 0.00	22.76 -0.14 0.00	22.83 -0.18 0.00	23.43 -0.19 0.00	24.24 -0.17 0.00	25.87 -0.16 0.00	29.01 -0.15 0.00	29.15 -0.12 0.00	34.98 -0.10 0.00	38.80 -0.19 0.00	36.76 -0.15 0.00	33.74 -0.10 0.00	29.69 -0.18 0.00	28.48 -0.17 0.00	23.89 -0.27 0.00	21.44 -0.24 0.00
E_FISHKILL____LBMP 23776	20.72 1.06 0.00	19.00 0.90 0.00	17.62 0.84 0.00	16.91 0.87 0.00	16.86 0.82 0.00	17.37 0.83 0.00	19.85 1.04 0.00	21.54 1.14 0.00	23.45 1.29 0.00	24.36 1.47 0.00	24.53 1.52 0.00	25.18 1.56 0.00	26.11 1.64 -0.07	28.01 1.80 -0.20	31.85 2.07 -0.63	31.96 2.08 -0.62	38.89 2.63 -1.18	43.66 3.04 -1.62	40.21 2.55 -0.76	36.19 2.06 -0.29	31.69 1.82 0.00	30.40 1.75 0.00	25.61 1.45 0.00	22.94 1.26 0.00
FALCON____SEABRD_CC1 323796	19.94 0.28 0.00	18.42 0.33 0.00	17.05 0.27 0.00	16.38 0.34 0.00	16.41 0.37 0.00	16.98 0.43 0.00	19.08 0.26 0.00	20.88 0.49 0.00	22.70 0.53 0.00	23.37 0.48 0.00	23.50 0.48 0.00	24.09 0.47 0.00	24.92 0.51 0.00	26.59 0.57 0.00	29.74 0.58 0.00	29.91 0.64 0.00	35.71 0.63 0.00	39.93 0.93 0.00	37.65 0.74 0.00	34.38 0.54 0.00	30.29 0.42 0.00	28.97 0.32 0.00	24.45 0.29 0.00	21.83 0.15 0.00
FALCON____SEABRD_CC2 323797	19.94 0.28 0.00	18.42 0.33 0.00	17.05 0.27 0.00	16.38 0.34 0.00	16.41 0.37 0.00	16.98 0.43 0.00	19.08 0.26 0.00	20.88 0.49 0.00	22.70 0.53 0.00	23.37 0.48 0.00	23.50 0.48 0.00	24.09 0.47 0.00	24.92 0.51 0.00	26.59 0.57 0.00	29.74 0.58 0.00	29.91 0.64 0.00	35.71 0.63 0.00	39.93 0.93 0.00	37.65 0.74 0.00	34.38 0.54 0.00	30.29 0.42 0.00	28.97 0.32 0.00	24.45 0.29 0.00	21.83 0.15 0.00
FAR ROCKAWAY____4 23548	21.57 1.91 0.00	19.76 1.66 0.00	18.24 1.46 0.00	17.55 1.51 0.00	17.48 1.44 0.00	18.02 1.47 0.00	20.65 1.83 0.00	22.43 2.04 0.00	24.45 2.28 0.00	27.12 2.47 -1.75	29.64 2.49 -4.14	31.56 2.55 -5.39	31.60 2.68 -4.51	32.33 2.89 -3.42	37.21 3.35 -4.71	41.44 3.13 -9.04	40.31 3.86 -1.37	45.46 4.45 -2.02	41.47 3.80 -0.76	37.78 3.65 -0.28	33.03 3.05 -0.11	32.20 2.89 -0.66	30.39 2.49 -3.75	23.96 2.25 -0.02
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	21.00 1.34 0.00	19.23 1.14 0.00	17.82 1.04 0.00	17.10 1.06 0.00	17.02 0.98 0.00	17.54 0.99 0.00	20.12 1.30 0.00	21.88 1.49 0.00	23.85 1.68 0.00	24.88 1.99 0.00	25.06 2.05 0.00	25.72 2.10 0.00	26.69 2.22 -0.06	28.63 2.42 -0.19	32.51 2.74 -0.61	32.65 2.78 -0.60	39.63 3.40 -1.15	44.52 3.94 -1.59	40.89 3.25 -0.74	36.73 2.61 -0.28	32.17 2.30 0.00	30.86 2.21 0.00	26.04 1.88 0.00	23.31 1.63 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	21.00 1.34 0.00	19.23 1.14 0.00	17.82 1.04 0.00	17.10 1.06 0.00	17.02 0.98 0.00	17.54 0.99 0.00	20.12 1.30 0.00	21.88 1.49 0.00	23.85 1.68 0.00	24.88 1.99 0.00	25.04 2.03 0.00	25.72 2.10 0.00	26.69 2.22 -0.06	28.63 2.42 -0.19	32.51 2.74 -0.61	32.65 2.78 -0.60	39.63 3.40 -1.15	44.52 3.94 -1.59	40.89 3.25 -0.74	36.73 2.61 -0.28	32.20 2.33 0.00	30.88 2.23 0.00	26.06 1.91 0.00	23.31 1.63 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	20.98 1.32 0.00	19.21 1.12 0.00	17.82 1.04 0.00	17.10 1.06 0.00	17.02 0.98 0.00	17.52 0.98 0.00	20.12 1.30 0.00	21.86 1.47 0.00	23.85 1.68 0.00	24.86 1.97 0.00	25.04 2.03 0.00	25.70 2.08 0.00	26.69 2.22 -0.06	28.61 2.39 -0.19	32.51 2.74 -0.61	32.62 2.75 -0.60	39.63 3.40 -1.15	44.48 3.90 -1.59	40.86 3.21 -0.74	36.69 2.57 -0.28	32.17 2.30 0.00	30.86 2.21 0.00	26.04 1.88 0.00	23.29 1.60 0.00

FARRAGUT___LBMP 323566	20.96 1.30 0.00	19.21 1.12 0.00	17.81 1.02 0.00	17.09 1.04 0.00	17.00 0.96 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.84 1.95 0.00	25.02 2.00 0.00	25.68 2.06 0.00	26.67 2.20 -0.06	28.58 2.37 -0.19	32.48 2.71 -0.61	32.59 2.72 -0.60	39.56 3.33 -1.15	44.44 3.86 -1.59	40.82 3.17 -0.74	36.66 2.54 -0.28	32.14 2.27 0.00	30.83 2.18 0.00	26.02 1.86 0.00	23.26 1.58 0.00
FENNER___WINDPWR 24204	20.03 0.37 0.00	18.38 0.29 0.00	17.08 0.30 0.00	16.27 0.22 0.00	16.28 0.24 0.00	16.81 0.26 0.00	19.23 0.41 0.00	20.78 0.39 0.00	22.61 0.44 0.00	23.26 0.37 0.00	23.48 0.37 -0.10	24.23 0.40 -0.21	25.12 0.44 -0.27	27.00 0.57 -0.40	30.46 0.67 -0.63	30.47 0.70 -0.50	36.60 0.84 -0.68	40.31 0.70 -0.61	38.48 0.92 -0.65	35.85 1.05 -0.96	31.50 0.93 -0.71	30.00 0.89 -0.46	24.88 0.60 -0.12	22.31 0.63 0.00
FIBERTEK___ENERGY 23856	19.82 0.16 0.00	18.16 0.07 0.00	16.83 0.05 0.00	16.03 -0.02 0.00	16.06 0.02 0.00	16.58 0.03 0.00	18.95 0.13 0.00	20.43 0.04 0.00	22.23 0.07 0.00	22.92 0.02 0.00	23.26 0.00 -0.24	24.11 0.00 -0.49	25.07 0.02 -0.64	27.12 0.13 -0.96	30.78 0.12 -1.51	30.55 0.09 -1.20	36.78 0.07 -1.62	40.27 -0.12 -1.40	38.57 0.11 -1.55	36.29 0.17 -2.29	31.67 0.12 -1.68	29.86 0.11 -1.09	24.44 0.00 -0.28	21.81 0.13 0.00
FITZPATRICK____ 23598	19.31 -0.35 0.00	17.71 -0.38 0.00	16.43 -0.35 0.00	15.66 -0.39 0.00	15.69 -0.35 0.00	16.18 -0.36 0.00	18.48 -0.34 0.00	19.90 -0.49 0.00	21.61 -0.55 0.00	22.30 -0.60 0.00	21.04 -0.67 1.31	20.31 -0.66 2.65	20.30 -0.66 3.45	20.18 -0.68 5.17	20.27 -0.79 8.10	22.00 -0.82 6.45	25.31 -1.02 8.75	30.45 -1.21 7.34	27.58 -0.99 8.33	20.68 -0.84 12.31	20.05 -0.75 9.07	22.03 -0.75 5.88	21.95 -0.68 1.53	21.23 -0.46 0.00
FLOWRFLD_69_KV_BK1 356044	21.67 2.01 0.00	19.83 1.74 0.00	18.19 1.41 0.00	17.67 1.62 0.00	17.63 1.59 0.00	18.13 1.59 0.00	20.61 1.79 0.00	22.45 2.06 0.00	24.51 2.35 0.00	27.19 2.54 -1.75	29.55 2.39 -4.14	31.49 2.48 -5.39	31.55 2.64 -4.51	32.28 2.84 -3.43	37.18 3.32 -4.71	41.79 3.48 -9.04	40.56 4.10 -1.38	45.46 4.45 -2.03	41.47 3.80 -0.76	37.61 3.49 -0.28	32.97 2.99 -0.12	32.15 2.84 -0.66	30.46 2.56 -3.75	23.96 2.25 -0.02
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	20.92 1.26 0.00	19.16 1.07 0.00	17.76 0.97 0.00	17.02 0.98 0.00	16.97 0.93 0.00	17.51 0.96 0.00	20.01 1.19 0.00	21.70 1.31 0.00	23.67 1.51 0.00	24.61 1.72 0.00	24.74 1.73 0.00	25.39 1.77 0.00	26.31 1.85 -0.05	28.20 2.03 -0.15	32.02 2.39 -0.47	32.16 2.43 -0.47	39.10 3.12 -0.89	43.89 3.59 -1.31	40.55 3.06 -0.57	36.66 2.61 -0.22	32.14 2.27 0.00	30.80 2.15 0.00	25.92 1.76 0.00	23.20 1.52 0.00
FORT ORANGE____ 23900	20.29 0.63 0.00	18.63 0.54 0.00	17.32 0.54 0.00	16.61 0.56 0.00	16.57 0.53 0.00	17.08 0.53 0.00	19.46 0.64 0.00	21.03 0.63 0.00	22.76 0.60 0.00	23.56 0.66 0.00	23.68 0.67 0.00	24.28 0.66 0.00	25.08 0.73 0.06	26.64 0.78 0.17	29.56 0.93 0.53	29.71 0.96 0.52	35.38 1.30 1.00	40.27 1.68 0.40	37.74 1.48 0.64	34.85 1.25 0.24	31.01 1.13 0.00	29.74 1.09 0.00	25.00 0.85 0.00	22.38 0.69 0.00
FORT_DRUM_COGEN 23780	19.80 0.14 0.00	18.20 0.11 0.00	16.90 0.12 0.00	16.11 0.06 0.00	16.12 0.08 0.00	16.63 0.08 0.00	18.99 0.17 0.00	20.50 0.10 0.00	22.30 0.13 0.00	22.85 -0.05 0.00	23.13 -0.02 -0.14	23.92 0.02 -0.28	24.82 0.05 -0.36	26.77 0.21 -0.54	30.24 0.23 -0.85	30.20 0.26 -0.67	36.31 0.32 -0.92	39.84 0.08 -0.77	38.37 0.59 -0.87	36.31 1.18 -1.29	31.92 1.11 -0.95	30.35 1.09 -0.61	25.07 0.75 -0.16	22.38 0.69 0.00
FPL_FAR_ROCK_GT1 24212	21.58 1.91 -0.01	19.76 1.66 -0.01	18.24 1.46 0.00	17.56 1.51 -0.01	17.49 1.44 -0.01	18.03 1.47 -0.01	20.64 1.82 0.00	22.44 2.04 -0.01	24.46 2.28 -0.01	27.12 2.47 -1.75	29.69 2.53 -4.14	31.56 2.55 -5.39	31.60 2.68 -4.51	32.34 2.89 -3.42	37.21 3.35 -4.71	41.44 3.13 -9.04	40.32 3.86 -1.38	45.47 4.44 -2.03	41.47 3.80 -0.76	37.45 3.32 -0.29	33.03 3.05 -0.11	32.20 2.89 -0.66	30.39 2.49 -3.75	23.96 2.25 -0.02
FPL_FAR_ROCK_GT2 23815	21.58 1.91 -0.01	19.76 1.66 -0.01	18.24 1.46 0.00	17.56 1.51 -0.01	17.49 1.44 -0.01	18.03 1.47 -0.01	20.64 1.82 0.00	22.44 2.04 -0.01	24.46 2.28 -0.01	27.12 2.47 -1.75	29.69 2.53 -4.14	31.56 2.55 -5.39	31.60 2.68 -4.51	32.34 2.89 -3.42	37.21 3.35 -4.71	41.44 3.13 -9.04	40.32 3.86 -1.38	45.47 4.44 -2.03	41.47 3.80 -0.76	37.45 3.32 -0.29	33.03 3.05 -0.11	32.20 2.89 -0.66	30.39 2.49 -3.75	23.96 2.25 -0.02
FRANKLIN_FALL_HYD 24054	19.64 -0.02 0.00	18.16 0.07 0.00	16.85 0.07 0.00	16.14 0.10 0.00	16.19 0.14 0.00	16.73 0.18 0.00	18.84 0.02 0.00	20.60 0.20 0.00	22.41 0.24 0.00	23.05 0.16 0.00	23.18 0.16 0.00	23.76 0.14 0.00	24.58 0.17 0.00	26.23 0.21 0.00	29.33 0.17 0.00	29.50 0.23 0.00	35.19 0.11 0.00	39.30 0.31 0.00	37.06 0.15 0.00	33.94 0.10 0.00	29.87 0.00 0.00	28.62 -0.03 0.00	24.20 0.05 0.00	21.64 -0.04 0.00
FREEPORT_EQUS_GT1 23764	21.48 1.81 -0.01	19.67 1.57 -0.01	18.12 1.34 0.00	17.50 1.44 -0.01	17.43 1.38 -0.01	17.96 1.41 -0.01	20.51 1.69 0.00	22.32 1.92 -0.01	24.35 2.17 -0.01	26.98 2.34 -1.75	29.53 2.37 -4.14	31.37 2.36 -5.39	31.43 2.51 -4.51	32.15 2.71 -3.43	36.99 3.12 -4.71	41.50 3.19 -9.04	40.39 3.93 -1.38	45.55 4.52 -2.03	41.55 3.87 -0.76	37.52 3.38 -0.29	32.79 2.81 -0.11	32.03 2.72 -0.66	30.27 2.37 -3.75	23.83 2.13 -0.02
FREEPORT___CT2 23818	21.48 1.81 -0.01	19.67 1.57 -0.01	18.12 1.34 0.00	17.50 1.44 -0.01	17.43 1.38 -0.01	17.96 1.41 -0.01	20.51 1.69 0.00	22.32 1.92 -0.01	24.35 2.17 -0.01	26.98 2.34 -1.75	29.53 2.37 -4.14	31.37 2.36 -5.39	31.43 2.51 -4.51	32.15 2.71 -3.43	36.99 3.12 -4.71	41.50 3.19 -9.04	40.39 3.93 -1.38	45.55 4.52 -2.03	41.55 3.87 -0.76	37.52 3.38 -0.29	32.79 2.81 -0.11	32.03 2.72 -0.66	30.27 2.37 -3.75	23.83 2.13 -0.02
FRESHKLS_33_KV_LOAD 356253	21.12 1.45 -0.01	19.30 1.21 0.00	17.87 1.09 0.00	17.12 1.08 0.00	17.02 0.98 0.00	17.44 0.89 0.00	19.99 1.17 0.00	21.70 1.31 0.00	23.64 1.49 0.01	24.79 1.90 0.01	24.96 1.96 0.01	25.62 2.01 0.01	26.65 2.17 -0.07	28.59 2.37 -0.20	32.50 2.74 -0.60	32.61 2.75 -0.59	39.73 3.51 -1.14	44.66 4.09 -1.58	41.00 3.36 -0.73	36.68 2.57 -0.27	32.10 2.24 0.01	30.88 2.23 0.01	26.15 1.98 -0.01	23.42 1.73 0.00
FULTON COGEN____ 23766	19.48 -0.18 0.00	17.88 -0.22 0.00	16.55 -0.23 0.00	15.79 -0.26 0.00	15.82 -0.22 0.00	16.33 -0.22 0.00	18.63 -0.19 0.00	20.09 -0.31 0.00	21.83 -0.33 0.00	22.53 -0.37 0.00	23.07 -0.39 -0.45	24.13 -0.40 -0.91	25.20 -0.39 -1.18	27.43 -0.36 -1.77	31.50 -0.44 -2.78	31.01 -0.47 -2.21	37.52 -0.56 -3.00	40.68 -0.82 -2.51	39.21 -0.55 -2.85	37.61 -0.44 -4.21	32.59 -0.39 -3.10	30.29 -0.37 -2.01	24.27 -0.41 -0.52	21.44 -0.24 0.00

FULTON___LFGE 323630	21.69 2.03 0.00	19.90 1.81 0.00	18.66 1.88 0.00	17.67 1.62 0.00	17.60 1.56 0.00	18.23 1.69 0.00	21.08 2.26 0.00	22.82 2.43 0.00	24.54 2.37 0.00	25.00 2.10 0.00	25.18 2.16 0.00	25.75 2.13 0.00	26.58 2.22 0.05	28.20 2.32 0.13	31.46 2.74 0.43	31.74 2.90 0.42	38.20 3.93 0.81	44.05 4.95 -0.10	41.74 5.35 0.52	38.75 5.11 0.20	34.74 4.87 0.00	33.26 4.61 0.00	27.71 3.55 0.00	24.61 2.93 0.00
G.F.CEMENT___DRP 24184	20.84 1.18 0.00	19.12 1.03 0.00	17.70 0.92 0.00	16.99 0.95 0.00	16.94 0.90 0.00	17.51 0.96 0.00	19.95 1.13 0.00	21.66 1.26 0.00	23.47 1.31 0.00	24.22 1.33 0.00	24.28 1.27 0.00	24.87 1.25 0.00	25.63 1.29 0.07	26.96 1.14 0.21	29.88 1.40 0.67	30.05 1.43 0.66	35.79 1.96 1.25	41.23 2.53 0.30	38.87 2.77 0.81	36.22 2.67 0.30	32.44 2.57 0.00	31.06 2.41 0.00	25.99 1.84 0.00	23.18 1.50 0.00
GARDENVILLE___LBMP 24039	20.15 0.49 0.00	18.33 0.24 0.00	16.77 -0.02 0.00	15.90 -0.14 0.00	15.99 -0.05 0.00	16.63 0.08 0.00	19.12 0.30 0.00	20.50 0.10 0.00	22.16 0.00 0.00	22.71 -0.18 0.00	22.99 -0.02 0.00	23.62 0.00 0.00	24.55 0.15 0.00	26.05 0.03 0.00	28.95 -0.20 0.00	29.00 -0.26 0.00	34.52 -0.56 0.00	37.88 -1.17 -0.06	36.43 -0.48 0.00	34.14 0.30 0.00	30.05 0.18 0.00	28.65 0.00 0.00	24.04 -0.12 0.00	22.01 0.33 0.00
GARDNVLA_35_KV_LD 355827	20.23 0.57 0.00	18.38 0.29 0.00	16.83 0.05 0.00	15.95 -0.10 0.00	16.06 0.02 0.00	16.70 0.15 0.00	19.20 0.38 0.00	20.58 0.18 0.00	22.25 0.09 0.00	22.80 -0.09 0.00	23.08 0.07 0.00	23.69 0.07 0.00	24.65 0.24 0.00	26.15 0.13 0.00	29.07 -0.09 0.00	29.18 -0.09 0.00	34.73 -0.35 0.00	38.08 -0.97 -0.06	36.61 -0.30 0.00	34.31 0.47 0.00	30.20 0.33 0.00	28.79 0.14 0.00	24.16 0.00 0.00	22.12 0.43 0.00
GELCKHM___115KV_LOAD 80723	19.66 0.00 0.00	18.04 -0.05 0.00	16.70 -0.08 0.00	15.93 -0.11 0.00	15.94 -0.10 0.00	16.46 -0.08 0.00	18.82 0.00 0.00	20.29 -0.10 0.00	22.05 -0.11 0.00	22.73 -0.16 0.00	23.01 -0.16 -0.16	23.78 -0.17 -0.32	24.68 -0.15 -0.42	26.54 -0.10 -0.62	29.99 -0.15 -0.98	29.87 -0.18 -0.77	35.89 -0.25 -1.05	39.43 -0.47 -0.91	37.69 -0.22 -1.00	35.18 -0.14 -1.48	30.84 -0.12 -1.09	29.24 -0.11 -0.70	24.15 -0.19 -0.18	21.66 -0.02 0.00
GENERAL___MILLS 23808	20.19 0.53 0.00	18.36 0.27 0.00	16.82 0.03 0.00	15.93 -0.11 0.00	16.02 -0.02 0.00	16.66 0.12 0.00	19.16 0.34 0.00	20.54 0.14 0.00	22.21 0.04 0.00	22.76 -0.14 0.00	23.01 0.00 0.00	23.65 0.02 0.00	24.60 0.20 0.00	26.10 0.08 0.00	29.01 -0.15 0.00	29.09 -0.18 0.00	34.63 -0.46 0.00	38.00 -1.05 -0.06	36.54 -0.37 0.00	34.25 0.41 0.00	30.14 0.27 0.00	28.74 0.09 0.00	24.11 -0.05 0.00	22.07 0.39 0.00
GE_PLASTICS___DRP 24183	20.27 0.61 0.00	18.60 0.51 0.00	17.30 0.52 0.00	16.59 0.55 0.00	16.55 0.51 0.00	17.04 0.50 0.00	19.42 0.60 0.00	21.01 0.61 0.00	22.76 0.60 0.00	23.58 0.69 0.00	23.70 0.69 0.00	24.33 0.71 0.00	25.14 0.78 0.05	26.72 0.83 0.13	29.68 0.96 0.43	29.84 1.00 0.42	35.53 1.26 0.81	40.34 1.60 0.25	37.75 1.37 0.52	34.79 1.15 0.20	30.92 1.05 0.00	29.65 1.00 0.00	24.95 0.80 0.00	22.38 0.69 0.00
GILBOA___1 23756	20.33 0.67 0.00	18.65 0.56 0.00	17.37 0.59 0.00	16.64 0.59 0.00	16.62 0.58 0.00	17.08 0.53 0.00	19.48 0.66 0.00	21.09 0.69 0.00	22.92 0.75 0.00	23.72 0.82 0.00	23.89 0.87 0.00	24.50 0.87 0.00	25.33 0.93 0.00	27.04 1.01 0.00	30.32 1.17 0.00	30.41 1.14 0.00	36.45 1.37 0.00	40.91 1.60 -0.32	38.27 1.37 0.00	35.06 1.22 0.00	30.98 1.11 0.00	29.77 1.12 0.00	25.05 0.89 0.00	22.48 0.80 0.00
GILBOA___2 23757	20.33 0.67 0.00	18.65 0.56 0.00	17.37 0.59 0.00	16.64 0.59 0.00	16.62 0.58 0.00	17.08 0.53 0.00	19.48 0.66 0.00	21.09 0.69 0.00	22.92 0.75 0.00	23.72 0.82 0.00	23.89 0.87 0.00	24.50 0.87 0.00	25.33 0.93 0.00	27.04 1.01 0.00	30.32 1.17 0.00	30.41 1.14 0.00	36.45 1.37 0.00	40.91 1.60 -0.32	38.27 1.37 0.00	35.06 1.22 0.00	30.98 1.11 0.00	29.77 1.12 0.00	25.05 0.89 0.00	22.48 0.80 0.00
GILBOA___3 23758	20.33 0.67 0.00	18.65 0.56 0.00	17.37 0.59 0.00	16.64 0.59 0.00	16.62 0.58 0.00	17.08 0.53 0.00	19.48 0.66 0.00	21.09 0.69 0.00	22.92 0.75 0.00	23.72 0.82 0.00	23.89 0.87 0.00	24.50 0.87 0.00	25.33 0.93 0.00	27.04 1.01 0.00	30.32 1.17 0.00	30.41 1.14 0.00	36.45 1.37 0.00	40.91 1.60 -0.32	38.27 1.37 0.00	35.06 1.22 0.00	30.98 1.11 0.00	29.77 1.12 0.00	25.05 0.89 0.00	22.48 0.80 0.00
GILBOA___4 23759	20.33 0.67 0.00	18.65 0.56 0.00	17.37 0.59 0.00	16.64 0.59 0.00	16.62 0.58 0.00	17.08 0.53 0.00	19.48 0.66 0.00	21.09 0.69 0.00	22.92 0.75 0.00	23.72 0.82 0.00	23.89 0.87 0.00	24.50 0.87 0.00	25.33 0.93 0.00	27.04 1.01 0.00	30.32 1.17 0.00	30.41 1.14 0.00	36.45 1.37 0.00	40.91 1.60 -0.32	38.27 1.37 0.00	35.06 1.22 0.00	30.98 1.11 0.00	29.77 1.12 0.00	25.05 0.89 0.00	22.48 0.80 0.00
GILBOA___ 23599	20.33 0.67 0.00	18.65 0.56 0.00	17.37 0.59 0.00	16.64 0.59 0.00	16.62 0.58 0.00	17.08 0.53 0.00	19.48 0.66 0.00	21.09 0.69 0.00	22.92 0.75 0.00	23.72 0.82 0.00	23.87 0.85 0.00	24.50 0.87 0.00	25.33 0.93 0.00	27.04 1.01 0.00	30.32 1.17 0.00	30.41 1.14 0.00	36.45 1.37 0.00	40.91 1.60 -0.32	38.27 1.37 0.00	35.06 1.22 0.00	30.98 1.11 0.00	29.77 1.12 0.00	25.05 0.89 0.00	22.48 0.80 0.00
GINNA___ 23603	18.89 -0.77 0.00	17.24 -0.85 0.00	15.89 -0.89 0.00	15.11 -0.93 0.00	15.19 -0.85 0.00	15.70 -0.84 0.00	18.01 -0.81 0.00	19.35 -1.04 0.00	21.06 -1.11 0.00	21.63 -1.26 0.00	21.89 -1.13 0.00	22.58 -1.04 0.00	23.36 -1.05 0.00	24.83 -1.20 0.00	27.76 -1.40 0.00	27.63 -1.64 0.00	33.05 -2.04 0.00	36.50 -2.53 -0.04	35.10 -1.81 0.00	32.59 -1.25 0.00	28.74 -1.14 0.00	27.42 -1.23 0.00	22.97 -1.18 0.00	20.81 -0.87 0.00
GLEN PARK___ 23778	19.86 0.20 0.00	18.25 0.16 0.00	16.97 0.18 0.00	16.16 0.11 0.00	16.15 0.11 0.00	16.68 0.13 0.00	19.05 0.23 0.00	20.58 0.18 0.00	22.36 0.20 0.00	22.89 0.00 0.00	23.18 0.02 -0.14	24.01 0.09 -0.29	24.91 0.12 -0.38	26.90 0.31 -0.57	30.42 0.38 -0.89	30.36 0.38 -0.71	36.50 0.45 -0.96	39.99 0.20 -0.81	38.60 0.78 -0.92	36.61 1.42 -1.35	32.21 1.35 -1.00	30.61 1.32 -0.65	25.24 0.92 -0.17	22.51 0.82 0.00
GLENDALE_27_KV_LOAD 356172	21.14 1.47 -0.01	19.36 1.27 0.00	17.94 1.16 0.00	17.22 1.17 0.00	17.12 1.07 0.00	17.59 1.04 0.00	20.19 1.37 0.00	21.94 1.55 0.00	23.94 1.77 0.00	25.05 2.15 -0.01	25.23 2.21 -0.01	25.89 2.27 0.00	26.89 2.42 -0.07	28.82 2.60 -0.20	32.75 2.97 -0.62	32.89 3.01 -0.61	39.96 3.72 -1.16	44.88 4.29 -1.60	41.19 3.54 -0.74	36.93 2.81 -0.28	32.38 2.51 0.00	31.09 2.44 0.00	26.27 2.10 -0.01	23.46 1.78 0.00

GLENWOOD_IC_1_G5 23712	21.23 1.57 0.00	19.45 1.36 0.00	17.97 1.19 0.00	17.30 1.25 0.00	17.23 1.19 0.00	17.77 1.22 0.00	20.33 1.51 0.00	22.11 1.71 0.00	24.09 1.93 0.00	26.77 2.13 -1.75	29.34 2.19 -4.14	31.25 2.24 -5.39	31.28 2.37 -4.51	32.02 2.58 -3.42	36.72 2.86 -4.71	41.12 2.81 -9.04	39.93 3.47 -1.38	44.99 3.98 -2.03	41.03 3.36 -0.76	36.96 2.84 -0.28	32.61 2.63 -0.11	31.80 2.49 -0.66	30.01 2.10 -3.75	23.57 1.86 -0.02
GLENWOOD_IC_2_G1 23688	21.10 1.43 -0.01	19.33 1.23 -0.01	17.87 1.09 0.00	17.21 1.16 -0.01	17.14 1.09 -0.01	17.66 1.11 -0.01	20.19 1.37 0.00	21.95 1.55 -0.01	23.92 1.75 -0.01	26.61 1.97 -1.75	29.23 2.07 -4.14	31.09 2.08 -5.39	31.11 2.20 -4.51	31.81 2.37 -3.42	36.54 2.68 -4.71	41.06 2.75 -9.04	39.86 3.40 -1.38	44.92 3.90 -2.03	40.95 3.28 -0.76	36.91 2.78 -0.29	32.37 2.39 -0.11	31.60 2.29 -0.66	29.84 1.93 -3.75	23.41 1.71 -0.02
GLENWOOD_IC_3_G1 23689	21.10 1.43 -0.01	19.33 1.23 -0.01	17.87 1.09 0.00	17.21 1.16 -0.01	17.14 1.09 -0.01	17.66 1.11 -0.01	20.19 1.37 0.00	21.95 1.55 -0.01	23.92 1.75 -0.01	26.61 1.97 -1.75	29.23 2.07 -4.14	31.09 2.08 -5.39	31.11 2.20 -4.51	31.81 2.37 -3.42	36.54 2.68 -4.71	41.06 2.75 -9.04	39.86 3.40 -1.38	44.92 3.90 -2.03	40.95 3.28 -0.76	36.91 2.78 -0.29	32.37 2.39 -0.11	31.60 2.29 -0.66	29.84 1.93 -3.75	23.41 1.71 -0.02
GLENWOOD___4 23550	21.23 1.57 0.00	19.45 1.36 0.00	17.97 1.19 0.00	17.30 1.25 0.00	17.23 1.19 0.00	17.77 1.22 0.00	20.33 1.51 0.00	22.11 1.71 0.00	24.09 1.93 0.00	26.77 2.13 -1.75	29.34 2.19 -4.14	31.25 2.24 -5.39	31.28 2.37 -4.51	32.02 2.58 -3.42	36.75 2.89 -4.71	41.21 2.90 -9.04	40.00 3.54 -1.38	45.11 4.09 -2.03	41.14 3.47 -0.76	37.03 2.91 -0.28	32.61 2.63 -0.11	31.80 2.49 -0.66	30.01 2.10 -3.75	23.57 1.86 -0.02
GLENWOOD___5 23614	21.23 1.57 0.00	19.45 1.36 0.00	17.97 1.19 0.00	17.30 1.25 0.00	17.23 1.19 0.00	17.77 1.22 0.00	20.33 1.51 0.00	22.11 1.71 0.00	24.09 1.93 0.00	26.77 2.13 -1.75	29.34 2.19 -4.14	31.25 2.24 -5.39	31.28 2.37 -4.51	32.02 2.58 -3.42	36.75 2.89 -4.71	41.21 2.90 -9.04	40.00 3.54 -1.38	45.11 4.09 -2.03	41.14 3.47 -0.76	37.03 2.91 -0.28	32.61 2.63 -0.11	31.80 2.49 -0.66	30.01 2.10 -3.75	23.57 1.86 -0.02
GLOBAL GREEN_PORT_GT1 23814	22.21 2.54 -0.01	20.34 2.24 -0.01	18.66 1.88 0.00	18.14 2.09 -0.01	18.12 2.07 -0.01	18.60 2.05 -0.01	21.15 2.33 0.00	23.11 2.71 -0.01	25.25 3.08 -0.01	28.01 3.37 -1.75	30.42 3.27 -4.14	32.41 3.40 -5.39	32.43 3.52 -4.51	33.20 3.75 -3.43	38.33 4.46 -4.71	42.97 4.65 -9.05	42.04 5.58 -1.38	47.38 6.36 -2.03	43.28 5.61 -0.77	38.97 4.84 -0.29	34.02 4.03 -0.11	33.09 3.78 -0.66	31.21 3.31 -3.75	24.63 2.93 -0.02
GLOBE___DSASP 323697	19.52 -0.14 0.00	17.77 -0.33 0.00	16.35 -0.44 0.00	15.39 -0.66 0.00	15.48 -0.56 0.00	16.07 -0.48 0.00	18.52 -0.30 0.00	19.76 -0.63 0.00	21.37 -0.80 0.00	21.86 -1.03 0.00	22.30 -0.71 0.00	22.91 -0.71 0.00	23.80 -0.61 0.00	25.19 -0.83 0.00	27.93 -1.22 0.00	27.66 -1.61 0.00	32.84 -2.25 0.00	36.04 -3.00 -0.06	34.80 -2.10 0.00	32.86 -0.98 0.00	28.91 -0.96 0.00	27.59 -1.06 0.00	23.19 -0.97 0.00	21.31 -0.37 0.00
GOETHSLN___LBMP 323567	20.88 1.22 0.00	19.12 1.03 0.00	17.76 0.97 0.00	17.02 0.98 0.00	16.92 0.88 0.00	17.44 0.89 0.00	20.02 1.20 0.00	21.78 1.39 0.00	23.74 1.57 0.00	24.77 1.88 0.00	24.95 1.93 0.00	25.63 2.01 0.00	26.59 2.12 -0.06	28.50 2.29 -0.19	32.36 2.59 -0.61	32.50 2.63 -0.60	39.42 3.19 -1.15	44.28 3.70 -1.59	40.64 2.99 -0.74	36.49 2.37 -0.28	32.02 2.15 0.00	30.71 2.06 0.00	25.92 1.76 0.00	23.20 1.52 0.00
GOLAH___69_KV_TB 1_2 80279	19.98 0.31 0.00	18.20 0.11 0.00	16.68 -0.10 0.00	15.90 -0.14 0.00	15.99 -0.05 0.00	16.56 0.02 0.00	19.01 0.19 0.00	20.39 0.00 0.00	22.16 0.00 0.00	22.73 -0.16 0.00	23.11 0.09 0.00	23.74 0.12 0.00	24.60 0.20 0.00	26.13 0.10 0.00	29.07 -0.09 0.00	28.89 -0.38 0.00	34.52 -0.56 0.00	38.02 -1.01 -0.04	36.54 -0.37 0.00	34.11 0.27 0.00	29.96 0.09 0.00	28.65 0.00 0.00	24.08 -0.07 0.00	21.94 0.26 0.00
GOODYEAR_LAKE_HYD 323669	20.58 0.92 0.00	18.87 0.78 0.00	17.52 0.74 0.00	16.75 0.71 0.00	16.73 0.69 0.00	17.27 0.73 0.00	19.76 0.94 0.00	21.37 0.98 0.00	23.27 1.11 0.00	23.88 0.98 0.00	24.05 1.04 0.00	24.68 1.06 0.00	25.50 1.10 0.00	27.27 1.25 0.00	30.61 1.46 0.00	31.13 1.67 -0.20	37.35 2.00 -0.27	41.69 2.07 -0.63	39.23 2.07 -0.26	36.28 2.06 -0.38	31.97 1.82 -0.28	30.58 1.75 -0.18	25.56 1.35 -0.05	22.90 1.21 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	20.11 0.45 0.00	18.40 0.31 0.00	17.05 0.27 0.00	16.24 0.19 0.00	16.27 0.22 0.00	16.83 0.28 0.00	19.25 0.43 0.00	20.78 0.39 0.00	22.56 0.40 0.00	23.24 0.34 0.00	23.48 0.37 -0.10	24.22 0.40 -0.20	25.08 0.41 -0.26	26.93 0.52 -0.39	30.32 0.55 -0.61	30.28 0.56 -0.46	36.34 0.63 -0.62	40.15 0.51 -0.65	38.24 0.74 -0.59	35.53 0.81 -0.88	31.20 0.69 -0.65	29.70 0.63 -0.42	24.68 0.41 -0.11	22.20 0.52 0.00
GOUDEY___7 23579	20.13 0.47 0.00	18.42 0.33 0.00	17.05 0.27 0.00	16.25 0.21 0.00	16.28 0.24 0.00	16.84 0.30 0.00	19.27 0.45 0.00	20.80 0.41 0.00	22.59 0.42 0.00	23.26 0.37 0.00	23.53 0.41 -0.10	24.25 0.43 -0.20	25.10 0.44 -0.26	26.96 0.55 -0.39	30.35 0.58 -0.61	30.34 0.61 -0.46	36.37 0.67 -0.62	40.19 0.55 -0.65	38.28 0.78 -0.59	35.56 0.85 -0.88	31.23 0.72 -0.65	29.73 0.66 -0.42	24.70 0.43 -0.11	22.22 0.54 0.00
GOUDEY___8 23580	20.11 0.45 0.00	18.40 0.31 0.00	17.05 0.27 0.00	16.24 0.19 0.00	16.27 0.22 0.00	16.83 0.28 0.00	19.25 0.43 0.00	20.78 0.39 0.00	22.56 0.40 0.00	23.24 0.34 0.00	23.48 0.37 -0.10	24.22 0.40 -0.20	25.08 0.41 -0.26	26.93 0.52 -0.39	30.32 0.55 -0.61	30.28 0.56 -0.46	36.34 0.63 -0.62	40.15 0.51 -0.65	38.24 0.74 -0.59	35.53 0.81 -0.88	31.20 0.69 -0.65	29.70 0.63 -0.42	24.68 0.41 -0.11	22.20 0.52 0.00
GOWANUS_GT1_1 24077	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.17 1.12 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.14 2.12 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.69 2.92 -0.62	32.80 2.93 -0.61	39.92 3.68 -1.16	44.84 4.25 -1.60	41.15 3.51 -0.74	36.86 2.74 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
GOWANUS_GT1_2 24078	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.17 1.12 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.14 2.12 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.69 2.92 -0.62	32.80 2.93 -0.61	39.92 3.68 -1.16	44.84 4.25 -1.60	41.15 3.51 -0.74	36.86 2.74 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00

GOWANUS_GT1_3 24079	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.17 1.12 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.14 2.12 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.69 2.92 -0.62	32.80 2.93 -0.61	39.92 3.68 -1.16	44.84 4.25 -1.60	41.15 3.51 -0.74	36.86 2.74 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
GOWANUS_GT1_4 24080	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.17 1.12 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.14 2.12 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.69 2.92 -0.62	32.80 2.93 -0.61	39.92 3.68 -1.16	44.84 4.25 -1.60	41.15 3.51 -0.74	36.86 2.74 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
GOWANUS_GT1_5 24084	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.17 1.12 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.14 2.12 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.69 2.92 -0.62	32.80 2.93 -0.61	39.92 3.68 -1.16	44.84 4.25 -1.60	41.15 3.51 -0.74	36.86 2.74 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
GOWANUS_GT1_6 24111	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.17 1.12 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.14 2.12 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.69 2.92 -0.62	32.80 2.93 -0.61	39.92 3.68 -1.16	44.84 4.25 -1.60	41.15 3.51 -0.74	36.86 2.74 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
GOWANUS_GT1_7 24112	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.17 1.12 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.14 2.12 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.69 2.92 -0.62	32.80 2.93 -0.61	39.92 3.68 -1.16	44.84 4.25 -1.60	41.15 3.51 -0.74	36.86 2.74 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
GOWANUS_GT1_8 24113	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.17 1.12 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.14 2.12 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.69 2.92 -0.62	32.80 2.93 -0.61	39.92 3.68 -1.16	44.84 4.25 -1.60	41.15 3.51 -0.74	36.86 2.74 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
GOWANUS_GT2_1 24114	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.19 1.14 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.21 2.19 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.66 2.89 -0.62	32.81 2.93 -0.61	39.93 3.68 -1.16	44.85 4.25 -1.60	41.12 3.47 -0.74	36.90 2.78 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
GOWANUS_GT2_2 24115	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.19 1.14 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.21 2.19 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.66 2.89 -0.62	32.81 2.93 -0.61	39.93 3.68 -1.16	44.85 4.25 -1.60	41.12 3.47 -0.74	36.90 2.78 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
GOWANUS_GT2_3 24116	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.19 1.14 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.21 2.19 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.66 2.89 -0.62	32.81 2.93 -0.61	39.93 3.68 -1.16	44.85 4.25 -1.60	41.12 3.47 -0.74	36.90 2.78 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
GOWANUS_GT2_4 24117	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.19 1.14 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.21 2.19 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.66 2.89 -0.62	32.81 2.93 -0.61	39.93 3.68 -1.16	44.85 4.25 -1.60	41.12 3.47 -0.74	36.90 2.78 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
GOWANUS_GT2_5 24118	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.19 1.14 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.21 2.19 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.66 2.89 -0.62	32.81 2.93 -0.61	39.93 3.68 -1.16	44.85 4.25 -1.60	41.12 3.47 -0.74	36.90 2.78 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
GOWANUS_GT2_6 24119	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.19 1.14 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.21 2.19 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.66 2.89 -0.62	32.81 2.93 -0.61	39.93 3.68 -1.16	44.85 4.25 -1.60	41.12 3.47 -0.74	36.90 2.78 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
GOWANUS_GT2_7 24120	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.19 1.14 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.21 2.19 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.66 2.89 -0.62	32.81 2.93 -0.61	39.93 3.68 -1.16	44.85 4.25 -1.60	41.12 3.47 -0.74	36.90 2.78 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
GOWANUS_GT2_8 24121	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.19 1.14 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.21 2.19 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.66 2.89 -0.62	32.81 2.93 -0.61	39.93 3.68 -1.16	44.85 4.25 -1.60	41.12 3.47 -0.74	36.90 2.78 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
GOWANUS_GT3_1 24122	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.19 1.14 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.21 2.19 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.66 2.89 -0.62	32.81 2.93 -0.61	39.93 3.68 -1.16	44.85 4.25 -1.60	41.12 3.47 -0.74	36.90 2.78 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00

GOWANUS_GT3_2 24123	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.19 1.14 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.21 2.19 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.66 2.89 -0.62	32.81 2.93 -0.61	39.93 3.68 -1.16	44.85 4.25 -1.60	41.12 3.47 -0.74	36.90 2.78 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
GOWANUS_GT3_3 24124	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.19 1.14 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.21 2.19 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.66 2.89 -0.62	32.81 2.93 -0.61	39.93 3.68 -1.16	44.85 4.25 -1.60	41.12 3.47 -0.74	36.90 2.78 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
GOWANUS_GT3_4 24125	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.19 1.14 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.21 2.19 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.66 2.89 -0.62	32.81 2.93 -0.61	39.93 3.68 -1.16	44.85 4.25 -1.60	41.12 3.47 -0.74	36.90 2.78 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
GOWANUS_GT3_5 24126	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.19 1.14 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.21 2.19 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.66 2.89 -0.62	32.81 2.93 -0.61	39.93 3.68 -1.16	44.85 4.25 -1.60	41.12 3.47 -0.74	36.90 2.78 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
GOWANUS_GT3_6 24127	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.19 1.14 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.21 2.19 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.66 2.89 -0.62	32.81 2.93 -0.61	39.93 3.68 -1.16	44.85 4.25 -1.60	41.12 3.47 -0.74	36.90 2.78 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
GOWANUS_GT3_7 24128	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.19 1.14 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.21 2.19 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.66 2.89 -0.62	32.81 2.93 -0.61	39.93 3.68 -1.16	44.85 4.25 -1.60	41.12 3.47 -0.74	36.90 2.78 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
GOWANUS_GT3_8 24129	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.19 1.14 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.21 2.19 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.66 2.89 -0.62	32.81 2.93 -0.61	39.93 3.68 -1.16	44.85 4.25 -1.60	41.12 3.47 -0.74	36.90 2.78 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
GOWANUS_GT4_1 24130	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.17 1.12 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.14 2.12 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.69 2.92 -0.62	32.80 2.93 -0.61	39.92 3.68 -1.16	44.84 4.25 -1.60	41.15 3.51 -0.74	36.86 2.74 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
GOWANUS_GT4_2 24131	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.17 1.12 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.14 2.12 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.69 2.92 -0.62	32.80 2.93 -0.61	39.92 3.68 -1.16	44.84 4.25 -1.60	41.15 3.51 -0.74	36.86 2.74 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
GOWANUS_GT4_3 24132	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.17 1.12 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.14 2.12 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.69 2.92 -0.62	32.80 2.93 -0.61	39.92 3.68 -1.16	44.84 4.25 -1.60	41.15 3.51 -0.74	36.86 2.74 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
GOWANUS_GT4_4 24133	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.17 1.12 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.14 2.12 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.69 2.92 -0.62	32.80 2.93 -0.61	39.92 3.68 -1.16	44.84 4.25 -1.60	41.15 3.51 -0.74	36.86 2.74 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
GOWANUS_GT4_5 24134	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.17 1.12 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.14 2.12 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.69 2.92 -0.62	32.80 2.93 -0.61	39.92 3.68 -1.16	44.84 4.25 -1.60	41.15 3.51 -0.74	36.86 2.74 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
GOWANUS_GT4_6 24135	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.17 1.12 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.14 2.12 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.69 2.92 -0.62	32.80 2.93 -0.61	39.92 3.68 -1.16	44.84 4.25 -1.60	41.15 3.51 -0.74	36.86 2.74 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
GOWANUS_GT4_7 24136	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.17 1.12 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.14 2.12 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.69 2.92 -0.62	32.80 2.93 -0.61	39.92 3.68 -1.16	44.84 4.25 -1.60	41.15 3.51 -0.74	36.86 2.74 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
GOWANUS_GT4_8 24137	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.17 1.12 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.14 2.12 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.69 2.92 -0.62	32.80 2.93 -0.61	39.92 3.68 -1.16	44.84 4.25 -1.60	41.15 3.51 -0.74	36.86 2.74 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00

GREENBSH_115KV_TB3 55895	20.17 0.51 0.00	18.51 0.42 0.00	17.24 0.45 0.00	16.53 0.48 0.00	16.49 0.45 0.00	16.98 0.43 0.00	19.35 0.53 0.00	20.90 0.51 0.00	22.63 0.47 0.00	23.44 0.55 0.00	23.59 0.58 0.00	24.19 0.57 0.00	24.98 0.63 0.06	26.52 0.68 0.18	29.37 0.79 0.57	29.56 0.85 0.56	35.11 1.09 1.06	39.94 1.40 0.45	37.44 1.22 0.68	34.55 0.98 0.27	30.80 0.93 0.00	29.54 0.89 0.00	24.86 0.70 0.00	22.25 0.56 0.00
GREENDGE_115KV_TB5 80291	20.23 0.57 0.00	18.47 0.38 0.00	17.05 0.27 0.00	16.21 0.16 0.00	16.28 0.24 0.00	16.88 0.33 0.00	19.37 0.55 0.00	20.88 0.49 0.00	22.65 0.49 0.00	23.26 0.37 0.00	23.53 0.44 -0.08	24.26 0.47 -0.16	25.15 0.54 -0.21	26.99 0.65 -0.32	30.29 0.64 -0.49	30.29 0.64 -0.38	36.30 0.70 -0.52	39.97 0.47 -0.51	38.43 1.03 -0.49	35.75 1.18 -0.73	31.36 0.96 -0.54	29.83 0.83 -0.35	24.75 0.51 -0.09	22.33 0.65 0.00
GREENIDGE___3 23582	20.23 0.57 0.00	18.47 0.38 0.00	17.05 0.27 0.00	16.21 0.16 0.00	16.28 0.24 0.00	16.88 0.33 0.00	19.37 0.55 0.00	20.88 0.49 0.00	22.65 0.49 0.00	23.26 0.37 0.00	23.53 0.44 -0.08	24.26 0.47 -0.16	25.15 0.54 -0.21	26.99 0.65 -0.32	30.29 0.64 -0.49	30.29 0.64 -0.38	36.30 0.70 -0.52	39.97 0.47 -0.51	38.43 1.03 -0.49	35.75 1.18 -0.73	31.36 0.96 -0.54	29.83 0.83 -0.35	24.75 0.51 -0.09	22.33 0.65 0.00
GREENIDGE___4 23583	20.23 0.57 0.00	18.45 0.36 0.00	17.05 0.27 0.00	16.21 0.16 0.00	16.28 0.24 0.00	16.88 0.33 0.00	19.37 0.55 0.00	20.88 0.49 0.00	22.65 0.49 0.00	23.26 0.37 0.00	23.46 0.37 -0.08	24.25 0.47 -0.16	25.15 0.54 -0.21	26.98 0.65 -0.31	30.31 0.67 -0.49	30.29 0.64 -0.38	36.30 0.70 -0.52	39.97 0.47 -0.51	38.43 1.03 -0.49	35.75 1.18 -0.73	31.36 0.96 -0.54	29.83 0.83 -0.35	24.76 0.51 -0.09	22.33 0.65 0.00
GREENLWN_69_KV_BK 3 55738	21.51 1.85 0.00	19.70 1.61 0.00	18.14 1.36 0.00	17.52 1.48 0.00	17.47 1.43 0.00	18.00 1.46 0.00	20.55 1.73 0.00	22.35 1.96 0.00	24.38 2.22 0.00	27.03 2.38 -1.75	29.52 2.37 -4.14	31.44 2.43 -5.39	31.48 2.56 -4.51	32.21 2.76 -3.43	37.04 3.18 -4.71	41.56 3.25 -9.05	40.43 3.96 -1.38	45.54 4.52 -2.03	41.55 3.88 -0.76	37.54 3.42 -0.29	32.83 2.84 -0.12	32.04 2.72 -0.66	30.30 2.39 -3.75	23.85 2.15 -0.02
GREENWD_138_KV_38B11_REV_LBMP_J 345004	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.17 1.12 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.14 2.12 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.69 2.92 -0.62	32.80 2.93 -0.61	39.92 3.68 -1.16	44.84 4.25 -1.60	41.15 3.51 -0.74	36.86 2.74 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
GRISSOM___SOLAR 323813	21.69 2.03 0.00	19.90 1.81 0.00	18.66 1.88 0.00	17.67 1.62 0.00	17.60 1.56 0.00	18.23 1.69 0.00	21.08 2.26 0.00	22.82 2.43 0.00	24.54 2.37 0.00	25.00 2.10 0.00	25.18 2.16 0.00	25.75 2.13 0.00	26.58 2.22 0.05	28.20 2.32 0.13	31.46 2.74 0.43	31.74 2.90 0.42	38.20 3.93 0.81	44.05 4.95 -0.10	41.74 5.35 0.52	38.75 5.11 0.20	34.74 4.87 0.00	33.26 4.61 0.00	27.71 3.55 0.00	24.61 2.93 0.00
GROVEVILLE___HYD 323602	20.92 1.26 0.00	19.16 1.07 0.00	17.76 0.97 0.00	17.02 0.98 0.00	16.97 0.93 0.00	17.51 0.96 0.00	20.01 1.19 0.00	21.70 1.31 0.00	23.67 1.51 0.00	24.61 1.72 0.00	24.74 1.73 0.00	25.39 1.77 0.00	26.31 1.85 -0.05	28.20 2.03 -0.15	32.02 2.39 -0.47	32.16 2.43 -0.47	39.10 3.12 -0.89	43.89 3.59 -1.31	40.55 3.06 -0.57	36.66 2.61 -0.22	32.14 2.27 0.00	30.80 2.15 0.00	25.92 1.76 0.00	23.20 1.52 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	19.82 0.16 0.00	18.16 0.07 0.00	16.83 0.05 0.00	16.03 -0.02 0.00	16.06 0.02 0.00	16.58 0.03 0.00	18.95 0.13 0.00	20.43 0.04 0.00	22.23 0.07 0.00	22.92 0.02 0.00	23.26 0.00 -0.24	24.11 0.00 -0.49	25.07 0.02 -0.64	27.12 0.13 -0.96	30.78 0.12 -1.51	30.55 0.09 -1.20	36.78 0.07 -1.62	40.27 -0.12 -1.40	38.57 0.11 -1.55	36.29 0.17 -2.29	31.67 0.12 -1.68	29.86 0.11 -1.09	24.44 0.00 -0.28	21.81 0.13 0.00
HAMLTNNY_34_KV_TB 80303	19.90 0.24 0.00	18.24 0.14 0.00	16.87 0.08 0.00	16.08 0.03 0.00	16.12 0.08 0.00	16.65 0.10 0.00	19.01 0.19 0.00	20.50 0.10 0.00	22.30 0.13 0.00	22.96 0.07 0.00	23.36 0.09 -0.25	24.22 0.09 -0.51	25.19 0.12 -0.66	27.25 0.23 -0.99	30.91 0.20 -1.56	30.70 0.20 -1.23	36.93 0.18 -1.67	40.43 0.00 -1.44	38.80 0.30 -1.59	36.53 0.34 -2.35	31.87 0.27 -1.73	30.03 0.26 -1.12	24.55 0.10 -0.29	21.90 0.22 0.00
HAMPSHIRE___PAPER_HYD 323593	19.44 -0.22 0.00	17.95 -0.15 0.00	16.67 -0.12 0.00	15.92 -0.13 0.00	15.91 -0.13 0.00	16.43 -0.12 0.00	18.59 -0.22 0.00	20.13 -0.27 0.00	21.90 -0.26 0.00	22.50 -0.39 0.00	22.70 -0.37 -0.06	23.36 -0.38 -0.12	24.17 -0.39 -0.15	25.91 -0.34 -0.23	29.16 -0.35 -0.36	29.26 -0.29 -0.29	35.01 -0.46 -0.39	38.62 -0.70 -0.32	36.80 -0.48 -0.37	34.25 -0.13 -0.55	30.18 -0.09 -0.40	28.91 0.00 -0.26	24.32 0.10 -0.07	21.75 0.07 0.00
HARDSCRABBLE_WT_PWR 323673	19.44 -0.22 0.00	17.88 -0.22 0.00	16.65 -0.13 0.00	15.87 -0.18 0.00	15.86 -0.18 0.00	16.36 -0.18 0.00	18.74 -0.07 0.00	20.29 -0.10 0.00	22.12 -0.04 0.00	22.85 -0.05 0.00	22.95 -0.07 0.00	23.55 -0.07 0.00	24.36 -0.05 0.00	26.00 -0.03 0.00	29.15 0.00 0.00	29.30 0.03 0.00	35.15 0.07 0.00	38.95 -0.04 0.00	36.91 0.00 0.00	33.87 0.03 0.00	29.81 -0.06 0.00	28.54 -0.11 0.00	23.94 -0.22 0.00	21.46 -0.22 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	20.74 1.08 0.00	19.00 0.90 0.00	17.64 0.86 0.00	16.90 0.85 0.00	16.84 0.80 0.00	17.37 0.83 0.00	19.89 1.07 0.00	21.60 1.20 0.00	23.54 1.37 0.00	24.47 1.58 0.00	24.65 1.63 0.00	25.30 1.68 0.00	26.22 1.76 -0.06	28.11 1.93 -0.17	31.93 2.24 -0.53	32.07 2.28 -0.52	38.99 2.91 -1.00	43.75 3.35 -1.40	40.39 2.84 -0.64	36.45 2.37 -0.24	31.93 2.06 0.00	30.60 1.95 0.00	25.75 1.59 0.00	23.07 1.39 0.00
HARSNRAD_115KV_TB1 81005	19.99 0.33 0.00	18.18 0.09 0.00	16.58 -0.20 0.00	15.76 -0.29 0.00	15.85 -0.19 0.00	16.46 -0.08 0.00	18.95 0.13 0.00	20.23 -0.16 0.00	21.88 -0.29 0.00	22.39 -0.50 0.00	22.81 -0.21 0.00	23.41 -0.21 0.00	24.33 -0.07 0.00	25.76 -0.26 0.00	28.60 -0.55 0.00	28.45 -0.82 0.00	33.82 -1.26 0.00	37.14 -1.91 -0.05	35.80 -1.11 0.00	33.74 -0.10 0.00	29.69 -0.18 0.00	28.31 -0.34 0.00	23.77 -0.39 0.00	21.81 0.13 0.00
HARZA MOOSE___RIVER 24016	19.88 0.22 0.00	18.27 0.18 0.00	17.02 0.23 0.00	16.21 0.16 0.00	16.20 0.16 0.00	16.71 0.17 0.00	19.12 0.30 0.00	20.66 0.27 0.00	22.48 0.31 0.00	23.10 0.21 0.00	23.30 0.23 -0.05	23.99 0.26 -0.10	24.84 0.29 -0.14	26.64 0.42 -0.20	30.00 0.52 -0.32	30.11 0.59 -0.25	36.13 0.70 -0.34	39.83 0.55 -0.29	38.01 0.78 -0.33	35.41 1.08 -0.48	31.21 0.99 -0.36	29.83 0.95 -0.23	24.92 0.70 -0.06	22.31 0.63 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	19.70 0.04 0.00	18.06 -0.04 0.00	16.71 -0.07 0.00	15.95 -0.10 0.00	15.96 -0.08 0.00	16.48 -0.07 0.00	18.84 0.02 0.00	20.31 -0.08 0.00	22.08 -0.09 0.00	22.78 -0.11 0.00	23.03 -0.12 -0.13	23.76 -0.12 -0.26	24.65 -0.10 -0.34	26.48 -0.05 -0.51	29.80 -0.15 -0.79	29.75 -0.15 -0.63	35.69 -0.25 -0.85	39.31 -0.43 -0.74	37.50 -0.22 -0.81	34.94 -0.10 -1.20	30.63 -0.12 -0.88	29.14 -0.09 -0.57	24.14 -0.17 -0.15	21.70 0.02 0.00
HELLGATE_13_KV_LD 55870	21.08 1.42 -0.01	19.31 1.21 0.00	17.89 1.11 0.00	17.17 1.12 0.00	17.08 1.04 0.00	17.54 0.99 0.00	20.12 1.30 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.12 2.09 -0.01	25.79 2.17 0.00	26.77 2.29 -0.07	28.69 2.47 -0.20	32.60 2.83 -0.62	32.72 2.84 -0.61	39.71 3.47 -1.16	44.60 4.02 -1.60	40.93 3.28 -0.74	36.73 2.61 -0.28	32.20 2.33 0.00	30.97 2.32 0.00	26.15 1.98 -0.01	23.37 1.69 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	21.08 1.42 -0.01	19.31 1.21 0.00	17.89 1.11 0.00	17.17 1.12 0.00	17.08 1.04 0.00	17.54 0.99 0.00	20.12 1.30 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.12 2.09 -0.01	25.79 2.17 0.00	26.77 2.29 -0.07	28.69 2.47 -0.20	32.60 2.83 -0.62	32.72 2.84 -0.61	39.71 3.47 -1.16	44.60 4.02 -1.60	40.93 3.28 -0.74	36.73 2.61 -0.28	32.20 2.33 0.00	30.97 2.32 0.00	26.15 1.98 -0.01	23.37 1.69 0.00
HEMPSTEAD____ 23647	21.28 1.61 -0.01	19.49 1.39 -0.01	17.97 1.19 0.00	17.35 1.30 -0.01	17.28 1.24 -0.01	17.81 1.26 -0.01	20.34 1.52 0.00	22.13 1.73 -0.01	24.12 1.95 -0.01	26.77 2.13 -1.75	29.34 2.19 -4.14	31.21 2.20 -5.39	31.23 2.32 -4.51	31.95 2.50 -3.43	36.69 2.83 -4.71	41.21 2.90 -9.04	40.04 3.58 -1.38	45.16 4.13 -2.03	41.14 3.47 -0.76	37.14 3.01 -0.29	32.52 2.54 -0.11	31.74 2.43 -0.66	30.00 2.10 -3.75	23.59 1.89 -0.02
HEWLETT__69_KV_BK3 55828	21.47 1.81 0.00	19.67 1.57 0.00	18.16 1.38 0.00	17.47 1.43 0.00	17.42 1.38 0.00	17.95 1.41 0.00	20.55 1.73 0.00	22.33 1.94 0.00	24.34 2.17 0.00	27.00 2.36 -1.75	29.50 2.35 -4.14	31.42 2.41 -5.39	31.45 2.54 -4.51	32.18 2.73 -3.42	37.04 3.18 -4.71	41.38 3.07 -9.04	40.24 3.79 -1.37	45.38 4.37 -2.02	41.39 3.73 -0.76	37.57 3.45 -0.28	32.85 2.87 -0.11	32.03 2.72 -0.66	30.27 2.37 -3.75	23.85 2.15 -0.02
HICKLING___1 23621	20.41 0.75 0.00	18.60 0.51 0.00	17.15 0.37 0.00	16.33 0.29 0.00	16.41 0.37 0.00	17.03 0.48 0.00	19.48 0.66 0.00	21.01 0.61 0.00	22.79 0.62 0.00	23.40 0.50 0.00	23.67 0.58 -0.08	24.37 0.59 -0.16	25.25 0.63 -0.21	27.12 0.78 -0.31	30.43 0.79 -0.49	30.52 0.88 -0.37	36.54 0.95 -0.51	40.18 0.66 -0.52	38.50 1.11 -0.48	35.81 1.25 -0.72	31.44 1.05 -0.53	29.91 0.92 -0.34	24.85 0.60 -0.09	22.46 0.78 0.00
HICKLING___2 23622	20.41 0.75 0.00	18.60 0.51 0.00	17.15 0.37 0.00	16.33 0.29 0.00	16.41 0.37 0.00	17.03 0.48 0.00	19.48 0.66 0.00	21.01 0.61 0.00	22.79 0.62 0.00	23.40 0.50 0.00	23.67 0.58 -0.08	24.37 0.59 -0.16	25.25 0.63 -0.21	27.12 0.78 -0.31	30.43 0.79 -0.49	30.52 0.88 -0.37	36.54 0.95 -0.51	40.18 0.66 -0.52	38.50 1.11 -0.48	35.81 1.25 -0.72	31.44 1.05 -0.53	29.91 0.92 -0.34	24.85 0.60 -0.09	22.46 0.78 0.00
HIGH FALLS___HY 23754	20.72 1.06 0.00	18.96 0.87 0.00	17.62 0.84 0.00	16.86 0.82 0.00	16.81 0.77 0.00	17.32 0.78 0.00	19.85 1.04 0.00	21.54 1.14 0.00	23.54 1.37 0.00	24.45 1.56 0.00	24.60 1.59 0.00	25.25 1.63 0.00	26.14 1.71 -0.03	28.01 1.90 -0.09	31.67 2.24 -0.28	31.85 2.31 -0.27	38.62 3.02 -0.52	43.40 3.47 -0.93	40.23 2.99 -0.33	36.50 2.54 -0.13	32.05 2.18 0.00	30.71 2.06 0.00	25.82 1.67 0.00	23.16 1.47 0.00
HILLBURN___GT 23639	20.72 1.06 0.00	18.98 0.89 0.00	17.65 0.87 0.00	16.90 0.85 0.00	16.83 0.79 0.00	17.37 0.83 0.00	19.91 1.09 0.00	21.64 1.24 0.00	23.58 1.42 0.00	24.52 1.63 0.00	24.76 1.75 0.00	25.39 1.77 0.00	26.32 1.85 -0.06	28.20 2.00 -0.17	32.01 2.30 -0.55	32.18 2.37 -0.54	39.10 2.98 -1.04	43.87 3.43 -1.45	40.42 2.84 -0.67	36.43 2.33 -0.25	31.93 2.06 0.00	30.60 1.95 0.00	25.78 1.62 0.00	23.07 1.39 0.00
HILLSIDE_115KV_TB1 80332	20.01 0.35 0.00	18.26 0.16 0.00	16.88 0.10 0.00	16.06 0.02 0.00	16.12 0.08 0.00	16.73 0.18 0.00	19.16 0.34 0.00	20.64 0.24 0.00	22.39 0.22 0.00	22.98 0.09 0.00	23.26 0.16 -0.08	23.95 0.17 -0.17	24.79 0.17 -0.22	26.58 0.23 -0.32	29.84 0.17 -0.51	29.95 0.29 -0.39	35.85 0.25 -0.53	39.49 -0.04 -0.54	37.74 0.33 -0.50	35.12 0.54 -0.74	30.86 0.45 -0.55	29.35 0.34 -0.35	24.42 0.17 -0.09	22.05 0.37 0.00
HISHELDN_WT_PWR 323625	20.15 0.49 0.00	18.31 0.22 0.00	16.82 0.03 0.00	15.93 -0.11 0.00	16.02 -0.02 0.00	16.66 0.12 0.00	19.14 0.32 0.00	20.54 0.14 0.00	22.21 0.04 0.00	22.76 -0.14 0.00	22.92 -0.09 0.00	23.67 0.05 0.00	24.58 0.17 0.00	26.10 0.08 0.00	29.10 -0.06 0.00	29.06 -0.20 0.00	34.62 -0.46 0.00	38.01 -1.05 -0.06	36.50 -0.41 0.00	34.11 0.27 0.00	30.02 0.15 0.00	28.62 -0.03 0.00	24.04 -0.12 0.00	21.96 0.28 0.00
HOLTSVILLE_IC_1 23690	21.50 1.83 -0.01	19.69 1.59 -0.01	18.09 1.31 0.00	17.55 1.49 -0.01	17.52 1.47 -0.01	18.03 1.47 -0.01	20.49 1.67 0.00	22.32 1.92 -0.01	24.35 2.17 -0.01	27.03 2.38 -1.75	29.41 2.26 -4.14	31.28 2.27 -5.39	31.31 2.39 -4.51	32.03 2.58 -3.43	36.92 3.06 -4.71	41.47 3.16 -9.05	40.25 3.79 -1.38	45.24 4.21 -2.03	41.25 3.58 -0.77	37.31 3.18 -0.29	32.67 2.69 -0.11	31.86 2.55 -0.66	30.27 2.37 -3.75	23.80 2.10 -0.02
HOLTSVILLE_IC_10 23699	21.63 1.97 -0.01	19.80 1.70 -0.01	18.16 1.38 0.00	17.64 1.59 -0.01	17.62 1.57 -0.01	18.13 1.57 -0.01	20.57 1.75 0.00	22.44 2.04 -0.01	24.48 2.31 -0.01	27.14 2.50 -1.75	29.55 2.39 -4.14	31.44 2.43 -5.39	31.48 2.56 -4.51	32.21 2.76 -3.43	37.16 3.29 -4.71	41.71 3.39 -9.05	40.50 4.03 -1.38	45.55 4.52 -2.03	41.51 3.84 -0.77	37.55 3.42 -0.29	32.88 2.90 -0.11	32.06 2.75 -0.66	30.42 2.51 -3.75	23.93 2.23 -0.02
HOLTSVILLE_IC_2 23691	21.50 1.83 -0.01	19.69 1.59 -0.01	18.09 1.31 0.00	17.55 1.49 -0.01	17.52 1.47 -0.01	18.03 1.47 -0.01	20.49 1.67 0.00	22.32 1.92 -0.01	24.35 2.17 -0.01	27.03 2.38 -1.75	29.41 2.26 -4.14	31.28 2.27 -5.39	31.31 2.39 -4.51	32.03 2.58 -3.43	36.92 3.06 -4.71	41.47 3.16 -9.05	40.25 3.79 -1.38	45.24 4.21 -2.03	41.25 3.58 -0.77	37.31 3.18 -0.29	32.67 2.69 -0.11	31.86 2.55 -0.66	30.27 2.37 -3.75	23.80 2.10 -0.02
HOLTSVILLE_IC_3 23692	21.50 1.83 -0.01	19.69 1.59 -0.01	18.09 1.31 0.00	17.55 1.49 -0.01	17.52 1.47 -0.01	18.03 1.47 -0.01	20.49 1.67 0.00	22.32 1.92 -0.01	24.35 2.17 -0.01	27.03 2.38 -1.75	29.41 2.26 -4.14	31.28 2.27 -5.39	31.31 2.39 -4.51	32.03 2.58 -3.43	36.92 3.06 -4.71	41.47 3.16 -9.05	40.25 3.79 -1.38	45.24 4.21 -2.03	41.25 3.58 -0.77	37.31 3.18 -0.29	32.67 2.69 -0.11	31.86 2.55 -0.66	30.27 2.37 -3.75	23.80 2.10 -0.02

HOLTSVILLE_IC_4 23693	21.50 1.83 -0.01	19.69 1.59 -0.01	18.09 1.31 0.00	17.55 1.49 -0.01	17.52 1.47 -0.01	18.03 1.47 -0.01	20.49 1.67 0.00	22.32 1.92 -0.01	24.35 2.17 -0.01	27.03 2.38 -1.75	29.41 2.26 -4.14	31.28 2.27 -5.39	31.31 2.39 -4.51	32.03 2.58 -3.43	36.92 3.06 -4.71	41.47 3.16 -9.05	40.25 3.79 -1.38	45.24 4.21 -2.03	41.25 3.58 -0.77	37.31 3.18 -0.29	32.67 2.69 -0.11	31.86 2.55 -0.66	30.27 2.37 -3.75	23.80 2.10 -0.02
HOLTSVILLE_IC_5 23694	21.50 1.83 -0.01	19.69 1.59 -0.01	18.09 1.31 0.00	17.55 1.49 -0.01	17.52 1.47 -0.01	18.03 1.47 -0.01	20.49 1.67 0.00	22.32 1.92 -0.01	24.35 2.17 -0.01	27.03 2.38 -1.75	29.41 2.26 -4.14	31.28 2.27 -5.39	31.31 2.39 -4.51	32.03 2.58 -3.43	36.92 3.06 -4.71	41.47 3.16 -9.05	40.25 3.79 -1.38	45.24 4.21 -2.03	41.25 3.58 -0.77	37.31 3.18 -0.29	32.67 2.69 -0.11	31.86 2.55 -0.66	30.27 2.37 -3.75	23.80 2.10 -0.02
HOLTSVILLE_IC_6 23695	21.63 1.97 -0.01	19.80 1.70 -0.01	18.16 1.38 0.00	17.64 1.59 -0.01	17.62 1.57 -0.01	18.13 1.57 -0.01	20.57 1.75 0.00	22.44 2.04 -0.01	24.48 2.31 -0.01	27.14 2.50 -1.75	29.55 2.39 -4.14	31.44 2.43 -5.39	31.48 2.56 -4.51	32.21 2.76 -3.43	37.16 3.29 -4.71	41.71 3.39 -9.05	40.50 4.03 -1.38	45.55 4.52 -2.03	41.51 3.84 -0.77	37.55 3.42 -0.29	32.88 2.90 -0.11	32.06 2.75 -0.66	30.42 2.51 -3.75	23.93 2.23 -0.02
HOLTSVILLE_IC_7 23696	21.63 1.97 -0.01	19.80 1.70 -0.01	18.16 1.38 0.00	17.64 1.59 -0.01	17.62 1.57 -0.01	18.13 1.57 -0.01	20.57 1.75 0.00	22.44 2.04 -0.01	24.48 2.31 -0.01	27.14 2.50 -1.75	29.55 2.39 -4.14	31.44 2.43 -5.39	31.48 2.56 -4.51	32.21 2.76 -3.43	37.16 3.29 -4.71	41.71 3.39 -9.05	40.50 4.03 -1.38	45.55 4.52 -2.03	41.51 3.84 -0.77	37.55 3.42 -0.29	32.88 2.90 -0.11	32.06 2.75 -0.66	30.42 2.51 -3.75	23.93 2.23 -0.02
HOLTSVILLE_IC_8 23697	21.63 1.97 -0.01	19.80 1.70 -0.01	18.16 1.38 0.00	17.64 1.59 -0.01	17.62 1.57 -0.01	18.13 1.57 -0.01	20.57 1.75 0.00	22.44 2.04 -0.01	24.48 2.31 -0.01	27.14 2.50 -1.75	29.55 2.39 -4.14	31.44 2.43 -5.39	31.48 2.56 -4.51	32.21 2.76 -3.43	37.16 3.29 -4.71	41.71 3.39 -9.05	40.50 4.03 -1.38	45.55 4.52 -2.03	41.51 3.84 -0.77	37.55 3.42 -0.29	32.88 2.90 -0.11	32.06 2.75 -0.66	30.42 2.51 -3.75	23.93 2.23 -0.02
HOLTSVILLE_IC_9 23698	21.63 1.97 -0.01	19.80 1.70 -0.01	18.16 1.38 0.00	17.64 1.59 -0.01	17.62 1.57 -0.01	18.13 1.57 -0.01	20.57 1.75 0.00	22.44 2.04 -0.01	24.48 2.31 -0.01	27.14 2.50 -1.75	29.55 2.39 -4.14	31.44 2.43 -5.39	31.48 2.56 -4.51	32.21 2.76 -3.43	37.16 3.29 -4.71	41.71 3.39 -9.05	40.50 4.03 -1.38	45.55 4.52 -2.03	41.51 3.84 -0.77	37.55 3.42 -0.29	32.88 2.90 -0.11	32.06 2.75 -0.66	30.42 2.51 -3.75	23.93 2.23 -0.02
HOMER_HL_115KV_TB2 355744	20.13 0.47 0.00	18.27 0.18 0.00	16.78 0.00 0.00	15.93 -0.11 0.00	16.04 0.00 0.00	16.74 0.20 0.00	19.18 0.36 0.00	20.64 0.24 0.00	22.25 0.09 0.00	22.80 -0.09 0.00	22.69 -0.32 0.00	23.29 -0.33 0.00	24.14 -0.27 0.00	25.66 -0.36 0.00	28.69 -0.47 0.00	29.41 0.15 0.00	35.08 0.00 0.00	38.59 -0.47 -0.07	36.91 0.00 0.00	34.31 0.47 0.00	30.17 0.30 0.00	28.76 0.11 0.00	24.11 -0.05 0.00	21.99 0.30 0.00
HOWARD_WT_PWR 323690	20.57 0.90 0.00	18.71 0.62 0.00	17.24 0.45 0.00	16.35 0.30 0.00	16.46 0.42 0.00	17.09 0.55 0.00	19.65 0.83 0.00	21.15 0.76 0.00	22.87 0.71 0.00	23.44 0.55 0.00	23.60 0.53 -0.06	24.37 0.64 -0.11	25.31 0.76 -0.15	27.10 0.86 -0.22	30.32 0.82 -0.35	30.36 0.82 -0.27	36.33 0.88 -0.37	39.85 0.47 -0.39	38.33 1.07 -0.35	35.68 1.32 -0.52	31.33 1.07 -0.38	29.79 0.89 -0.25	24.83 0.60 -0.06	22.53 0.84 0.00
HQ_GEN_CEDARS 23644	19.25 -0.41 0.00	17.82 -0.27 0.00	16.56 -0.22 0.00	15.82 -0.22 0.00	15.82 -0.22 0.00	16.33 -0.22 0.00	18.42 -0.40 0.00	20.09 -0.31 0.00	21.85 -0.31 0.00	22.50 -0.39 0.00	22.65 -0.37 0.00	23.22 -0.40 0.00	23.99 -0.41 0.00	25.55 -0.47 0.00	28.63 -0.52 0.00	28.77 -0.50 0.00	34.38 -0.70 0.00	38.25 -0.74 0.00	36.10 -0.81 0.00	33.13 -0.71 0.00	29.24 -0.63 0.00	28.11 -0.54 0.00	23.84 -0.31 0.00	21.31 -0.37 0.00
HQ_GEN_CEDARS_PROXY 323590	19.25 -0.41 0.00	17.82 -0.27 0.00	16.56 -0.22 0.00	15.82 -0.22 0.00	15.82 -0.22 0.00	16.33 -0.22 0.00	18.42 -0.40 0.00	20.09 -0.31 0.00	21.85 -0.31 0.00	22.50 -0.39 0.00	22.65 -0.37 0.00	23.22 -0.40 0.00	23.99 -0.42 0.00	25.55 -0.47 0.00	28.63 -0.52 0.00	28.77 -0.50 0.00	34.38 -0.70 0.00	38.25 -0.74 0.00	36.10 -0.81 0.00	33.10 -0.74 0.00	29.24 -0.63 0.00	28.10 -0.55 0.00	23.84 -0.31 0.00	21.31 -0.37 0.00
HQ_GEN_IMPORT 323601	19.29 -0.37 0.00	17.84 -0.25 0.00	16.56 -0.22 0.00	15.84 -0.21 0.00	15.83 -0.21 0.00	16.33 -0.22 0.00	18.46 -0.36 0.00	20.13 -0.27 0.00	21.88 -0.29 0.00	22.57 -0.32 0.00	22.71 -0.30 0.00	23.29 -0.33 0.00	24.04 -0.37 0.00	25.61 -0.42 0.00	28.66 -0.50 0.00	28.80 -0.47 0.00	34.48 -0.60 0.00	38.37 -0.63 0.00	36.28 -0.63 0.00	33.23 -0.61 0.00	29.33 -0.54 0.00	28.14 -0.51 0.00	23.82 -0.34 0.00	21.29 -0.39 0.00
HQ_GEN_WHEEL 23651	19.29 -0.37 0.00	17.84 -0.25 0.00	16.56 -0.22 0.00	15.84 -0.21 0.00	15.83 -0.21 0.00	16.33 -0.22 0.00	18.46 -0.36 0.00	20.13 -0.27 0.00	21.88 -0.29 0.00	22.57 -0.32 0.00	22.71 -0.30 0.00	23.29 -0.33 0.00	24.04 -0.37 0.00	25.61 -0.42 0.00	28.66 -0.50 0.00	28.80 -0.47 0.00	34.48 -0.60 0.00	38.37 -0.63 0.00	36.28 -0.63 0.00	33.23 -0.61 0.00	29.33 -0.54 0.00	28.14 -0.51 0.00	23.82 -0.34 0.00	21.29 -0.39 0.00
HUDSON_AVE_GT_3 23810	21.00 1.34 0.00	19.23 1.14 0.00	17.82 1.04 0.00	17.10 1.06 0.00	17.02 0.98 0.00	17.54 0.99 0.00	20.12 1.30 0.00	21.88 1.49 0.00	23.85 1.68 0.00	24.88 1.99 0.00	25.04 2.03 0.00	25.72 2.10 0.00	26.69 2.22 -0.06	28.63 2.42 -0.19	32.51 2.74 -0.61	32.65 2.78 -0.60	39.63 3.40 -1.15	44.52 3.94 -1.59	40.89 3.25 -0.74	36.73 2.61 -0.28	32.17 2.30 0.00	30.88 2.23 0.00	26.06 1.91 0.00	23.31 1.63 0.00
HUDSON_AVE_GT_4 23540	21.00 1.34 0.00	19.23 1.14 0.00	17.82 1.04 0.00	17.10 1.06 0.00	17.02 0.98 0.00	17.54 0.99 0.00	20.12 1.30 0.00	21.88 1.49 0.00	23.85 1.68 0.00	24.88 1.99 0.00	25.04 2.03 0.00	25.72 2.10 0.00	26.69 2.22 -0.06	28.63 2.42 -0.19	32.51 2.74 -0.61	32.65 2.78 -0.60	39.63 3.40 -1.15	44.52 3.94 -1.59	40.89 3.25 -0.74	36.73 2.61 -0.28	32.17 2.30 0.00	30.88 2.23 0.00	26.06 1.91 0.00	23.31 1.63 0.00
HUDSON_AVE_GT_5 23657	21.00 1.34 0.00	19.23 1.14 0.00	17.82 1.04 0.00	17.10 1.06 0.00	17.02 0.98 0.00	17.54 0.99 0.00	20.12 1.30 0.00	21.88 1.49 0.00	23.85 1.68 0.00	24.88 1.99 0.00	25.04 2.03 0.00	25.72 2.10 0.00	26.69 2.22 -0.06	28.63 2.42 -0.19	32.51 2.74 -0.61	32.65 2.78 -0.60	39.63 3.40 -1.15	44.52 3.94 -1.59	40.89 3.25 -0.74	36.73 2.61 -0.28	32.17 2.30 0.00	30.88 2.23 0.00	26.06 1.91 0.00	23.31 1.63 0.00

HUDSON_AVE_10 24168	20.94 1.28 0.00	19.18 1.09 0.00	17.77 0.99 0.00	17.07 1.03 0.00	16.97 0.93 0.00	17.49 0.94 0.00	20.08 1.26 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.86 1.97 0.00	24.99 1.98 0.00	25.68 2.06 0.00	26.64 2.17 -0.06	28.58 2.37 -0.19	32.45 2.68 -0.61	32.59 2.72 -0.60	39.56 3.33 -1.15	44.44 3.86 -1.59	40.78 3.14 -0.74	36.62 2.50 -0.28	32.11 2.24 0.00	30.80 2.15 0.00	26.02 1.86 0.00	23.26 1.58 0.00
HUDSON___115KV_TB 4 355613	20.55 0.88 0.00	18.85 0.76 0.00	17.52 0.74 0.00	16.82 0.77 0.00	16.76 0.72 0.00	17.29 0.74 0.00	19.70 0.88 0.00	21.31 0.92 0.00	23.07 0.91 0.00	23.85 0.96 0.00	23.91 0.90 0.00	24.54 0.92 0.00	25.41 1.05 0.04	27.02 1.12 0.12	30.10 1.34 0.39	30.26 1.38 0.39	36.17 1.82 0.74	41.12 2.30 0.17	38.57 2.14 0.47	35.55 1.90 0.19	31.51 1.64 0.00	30.23 1.58 0.00	25.34 1.18 0.00	22.66 0.98 0.00
HUNTER MOUNT___DRP 323613	20.60 0.94 0.00	18.91 0.81 0.00	17.55 0.77 0.00	16.85 0.80 0.00	16.79 0.75 0.00	17.34 0.79 0.00	19.72 0.90 0.00	21.35 0.96 0.00	23.10 0.93 0.00	23.88 0.98 0.00	23.96 0.94 0.00	24.59 0.97 0.00	25.55 1.17 0.03	27.19 1.25 0.08	30.39 1.49 0.25	30.51 1.49 0.25	36.68 2.07 0.47	41.66 2.61 -0.06	39.08 2.47 0.30	35.99 2.27 0.12	31.75 1.88 0.00	30.40 1.75 0.00	25.49 1.33 0.00	22.74 1.06 0.00
HUNTINGTON_RES_REC 323705	21.60 1.93 -0.01	19.78 1.68 -0.01	18.16 1.38 0.00	17.61 1.56 -0.01	17.56 1.51 -0.01	18.07 1.52 -0.01	20.57 1.75 0.00	22.40 2.00 -0.01	24.43 2.26 -0.01	27.10 2.45 -1.75	29.59 2.44 -4.14	31.47 2.46 -5.39	31.53 2.61 -4.51	32.26 2.81 -3.43	37.16 3.29 -4.71	41.71 3.39 -9.05	40.57 4.10 -1.39	45.63 4.60 -2.04	41.59 3.91 -0.77	37.65 3.52 -0.30	32.95 2.96 -0.12	32.12 2.81 -0.66	30.39 2.49 -3.75	23.91 2.21 -0.02
HUNTLEY___63 23557	20.09 0.43 0.00	18.27 0.18 0.00	16.75 -0.03 0.00	15.82 -0.22 0.00	15.91 -0.13 0.00	16.55 0.00 0.00	19.05 0.23 0.00	20.39 0.00 0.00	22.05 -0.11 0.00	22.57 -0.32 0.00	22.97 -0.05 0.00	23.60 -0.02 0.00	24.55 0.15 0.00	26.02 0.00 0.00	28.89 -0.26 0.00	28.80 -0.47 0.00	34.27 -0.81 0.00	37.53 -1.52 -0.06	36.17 -0.74 0.00	34.01 0.17 0.00	29.96 0.09 0.00	28.56 -0.09 0.00	23.96 -0.19 0.00	21.96 0.28 0.00
HUNTLEY___64 23558	20.09 0.43 0.00	18.27 0.18 0.00	16.75 -0.03 0.00	15.82 -0.22 0.00	15.91 -0.13 0.00	16.55 0.00 0.00	19.05 0.23 0.00	20.39 0.00 0.00	22.05 -0.11 0.00	22.57 -0.32 0.00	22.97 -0.05 0.00	23.60 -0.02 0.00	24.55 0.15 0.00	26.02 0.00 0.00	28.89 -0.26 0.00	28.80 -0.47 0.00	34.27 -0.81 0.00	37.53 -1.52 -0.06	36.17 -0.74 0.00	34.01 0.17 0.00	29.96 0.09 0.00	28.56 -0.09 0.00	23.96 -0.19 0.00	21.96 0.28 0.00
HUNTLEY___65 23559	20.09 0.43 0.00	18.27 0.18 0.00	16.75 -0.03 0.00	15.82 -0.22 0.00	15.91 -0.13 0.00	16.55 0.00 0.00	19.05 0.23 0.00	20.39 0.00 0.00	22.05 -0.11 0.00	22.57 -0.32 0.00	22.97 -0.05 0.00	23.60 -0.02 0.00	24.55 0.15 0.00	26.02 0.00 0.00	28.89 -0.26 0.00	28.80 -0.47 0.00	34.27 -0.81 0.00	37.53 -1.52 -0.06	36.17 -0.74 0.00	34.01 0.17 0.00	29.96 0.09 0.00	28.56 -0.09 0.00	23.96 -0.19 0.00	21.96 0.28 0.00
HUNTLEY___66 23560	20.09 0.43 0.00	18.27 0.18 0.00	16.75 -0.03 0.00	15.82 -0.22 0.00	15.91 -0.13 0.00	16.55 0.00 0.00	19.05 0.23 0.00	20.39 0.00 0.00	22.05 -0.11 0.00	22.57 -0.32 0.00	22.97 -0.05 0.00	23.60 -0.02 0.00	24.55 0.15 0.00	26.02 0.00 0.00	28.89 -0.26 0.00	28.80 -0.47 0.00	34.27 -0.81 0.00	37.53 -1.52 -0.06	36.17 -0.74 0.00	34.01 0.17 0.00	29.96 0.09 0.00	28.56 -0.09 0.00	23.96 -0.19 0.00	21.96 0.28 0.00
HUNTLEY___67 23561	19.98 0.31 0.00	18.18 0.09 0.00	16.63 -0.15 0.00	15.76 -0.29 0.00	15.85 -0.19 0.00	16.48 -0.07 0.00	18.97 0.15 0.00	20.29 -0.10 0.00	21.94 -0.22 0.00	22.46 -0.43 0.00	22.83 -0.18 0.00	23.43 -0.19 0.00	24.36 -0.05 0.00	25.81 -0.21 0.00	28.66 -0.50 0.00	28.56 -0.70 0.00	33.96 -1.12 0.00	37.29 -1.75 -0.06	35.91 -1.00 0.00	33.77 -0.07 0.00	29.72 -0.15 0.00	28.34 -0.32 0.00	23.82 -0.34 0.00	21.81 0.13 0.00
HUNTLEY___68 23562	19.98 0.31 0.00	18.18 0.09 0.00	16.63 -0.15 0.00	15.76 -0.29 0.00	15.85 -0.19 0.00	16.48 -0.07 0.00	18.97 0.15 0.00	20.29 -0.10 0.00	21.94 -0.22 0.00	22.46 -0.43 0.00	22.83 -0.18 0.00	23.43 -0.19 0.00	24.36 -0.05 0.00	25.81 -0.21 0.00	28.66 -0.50 0.00	28.56 -0.70 0.00	33.96 -1.12 0.00	37.29 -1.75 -0.06	35.91 -1.00 0.00	33.77 -0.07 0.00	29.72 -0.15 0.00	28.34 -0.32 0.00	23.82 -0.34 0.00	21.81 0.13 0.00
HYLAND___LFGE 323620	20.86 1.20 0.00	18.98 0.89 0.00	17.40 0.62 0.00	16.59 0.55 0.00	16.70 0.66 0.00	17.32 0.78 0.00	19.80 0.98 0.00	21.15 0.76 0.00	22.65 0.49 0.00	23.05 0.16 0.00	22.85 -0.16 0.00	23.46 -0.16 0.00	24.28 -0.12 0.00	26.02 0.00 0.00	28.37 -0.79 0.00	28.21 -1.05 0.00	33.82 -1.26 0.00	37.69 -1.37 -0.06	37.28 0.37 0.00	34.85 1.01 0.00	30.94 1.07 0.00	29.48 0.83 0.00	25.39 1.23 0.00	22.98 1.30 0.00
INDECK___CORINTH 23802	20.60 0.94 0.00	18.93 0.83 0.00	17.50 0.72 0.00	16.82 0.77 0.00	16.76 0.72 0.00	17.31 0.76 0.00	19.72 0.90 0.00	21.41 1.02 0.00	23.21 1.04 0.00	23.95 1.05 0.00	23.98 0.97 0.00	24.54 0.92 0.00	25.29 0.95 0.07	26.55 0.73 0.20	29.44 0.93 0.64	29.60 0.96 0.63	35.28 1.40 1.21	40.66 1.91 0.24	38.34 2.21 0.78	35.78 2.23 0.30	32.05 2.18 0.00	30.66 2.00 0.00	25.68 1.52 0.00	22.90 1.21 0.00
INDECK___ILION 23567	19.62 -0.04 0.00	18.04 -0.05 0.00	16.78 0.00 0.00	16.00 -0.05 0.00	15.99 -0.05 0.00	16.50 -0.05 0.00	18.86 0.04 0.00	20.41 0.02 0.00	22.21 0.04 0.00	22.92 0.02 0.00	23.04 0.02 0.00	23.65 0.02 0.00	24.43 0.02 0.00	26.07 0.05 0.00	29.24 0.09 0.00	29.38 0.12 0.00	35.26 0.18 0.00	39.11 0.12 0.00	37.06 0.15 0.00	34.01 0.17 0.00	29.99 0.12 0.00	28.76 0.11 0.00	24.18 0.02 0.00	21.70 0.02 0.00
INDECK___OLEAN 23982	20.13 0.47 0.00	18.24 0.14 0.00	16.80 0.02 0.00	15.93 -0.11 0.00	16.04 0.00 0.00	16.75 0.20 0.00	19.18 0.36 0.00	20.64 0.25 0.00	22.25 0.09 0.00	22.80 -0.09 0.00	22.55 -0.46 0.00	23.29 -0.33 0.00	24.14 -0.27 0.00	25.66 -0.36 0.00	28.77 -0.38 0.00	29.41 0.15 0.00	35.08 0.00 0.00	38.59 -0.47 -0.07	36.91 0.00 0.00	34.31 0.47 0.00	30.17 0.30 0.00	28.74 0.09 0.00	24.11 -0.05 0.00	21.99 0.30 0.00
INDECK___OSWEGO 23783	19.46 -0.20 0.00	17.86 -0.24 0.00	16.53 -0.25 0.00	15.77 -0.27 0.00	15.80 -0.24 0.00	16.30 -0.25 0.00	18.61 -0.21 0.00	20.33 -0.06 0.00	22.10 -0.07 0.00	22.73 -0.16 0.00	23.05 -0.18 -0.22	23.92 -0.14 -0.44	24.86 -0.12 -0.58	26.86 -0.03 -0.86	30.48 -0.03 -1.36	30.26 -0.09 -1.08	36.37 -0.17 -1.46	39.79 -0.43 -1.22	38.26 -0.04 -1.39	36.17 0.27 -2.06	31.62 0.24 -1.51	29.98 0.35 -0.98	24.56 0.15 -0.26	21.92 0.24 0.00

INDECK___YERKES 23781	20.11 0.45 0.00	18.27 0.18 0.00	16.75 -0.03 0.00	15.84 -0.21 0.00	15.93 -0.11 0.00	16.55 0.00 0.00	19.06 0.24 0.00	20.41 0.02 0.00	22.08 -0.09 0.00	22.59 -0.30 0.00	22.85 -0.16 0.00	23.62 0.00 0.00	24.58 0.17 0.00	26.05 0.03 0.00	29.04 -0.12 0.00	28.83 -0.44 0.00	34.31 -0.77 0.00	37.61 -1.44 -0.06	36.24 -0.66 0.00	34.08 0.24 0.00	29.99 0.12 0.00	28.59 -0.06 0.00	23.99 -0.17 0.00	21.99 0.30 0.00
INDIAN POINT_GT_1 24139	20.80 1.14 0.00	19.05 0.96 0.00	17.65 0.87 0.00	16.94 0.90 0.00	16.89 0.85 0.00	17.42 0.88 0.00	19.93 1.11 0.00	21.64 1.24 0.00	23.58 1.42 0.00	24.54 1.65 0.00	24.72 1.70 0.00	25.37 1.75 0.00	26.30 1.83 -0.06	28.21 2.00 -0.19	32.06 2.30 -0.60	32.20 2.34 -0.59	39.15 2.95 -1.13	43.94 3.39 -1.56	40.47 2.84 -0.72	36.42 2.30 -0.28	31.90 2.03 0.00	30.60 1.95 0.00	25.78 1.62 0.00	23.07 1.39 0.00
INDIAN POINT_GT_2 23659	20.80 1.14 0.00	19.05 0.96 0.00	17.65 0.87 0.00	16.94 0.90 0.00	16.89 0.85 0.00	17.42 0.88 0.00	19.93 1.11 0.00	21.64 1.24 0.00	23.58 1.42 0.00	24.54 1.65 0.00	24.72 1.70 0.00	25.37 1.75 0.00	26.30 1.83 -0.06	28.21 2.00 -0.19	32.06 2.30 -0.60	32.20 2.34 -0.59	39.15 2.95 -1.13	43.94 3.39 -1.56	40.47 2.84 -0.72	36.42 2.30 -0.28	31.90 2.03 0.00	30.60 1.95 0.00	25.78 1.62 0.00	23.07 1.39 0.00
INDIAN POINT_GT_3 24019	20.80 1.14 0.00	19.05 0.96 0.00	17.65 0.87 0.00	16.94 0.90 0.00	16.89 0.85 0.00	17.42 0.88 0.00	19.93 1.11 0.00	21.64 1.24 0.00	23.58 1.42 0.00	24.54 1.65 0.00	24.72 1.70 0.00	25.37 1.75 0.00	26.30 1.83 -0.06	28.21 2.00 -0.19	32.06 2.30 -0.60	32.20 2.34 -0.59	39.15 2.95 -1.13	43.94 3.39 -1.56	40.47 2.84 -0.72	36.42 2.30 -0.28	31.90 2.03 0.00	30.60 1.95 0.00	25.78 1.62 0.00	23.07 1.39 0.00
INDIAN POINT___2 23530	20.78 1.12 0.00	19.03 0.94 0.00	17.64 0.86 0.00	16.94 0.90 0.00	16.87 0.83 0.00	17.41 0.86 0.00	19.91 1.09 0.00	21.62 1.22 0.00	23.56 1.40 0.00	24.52 1.63 0.00	24.74 1.73 0.00	25.34 1.72 0.00	26.27 1.81 -0.06	28.18 1.98 -0.18	32.01 2.28 -0.58	32.15 2.31 -0.57	39.09 2.91 -1.10	43.87 3.35 -1.52	40.38 2.77 -0.71	36.38 2.27 -0.27	31.87 2.00 0.00	30.54 1.89 0.00	25.75 1.59 0.00	23.05 1.37 0.00
INDIAN POINT___3 23531	20.78 1.12 0.00	19.03 0.94 0.00	17.65 0.87 0.00	16.94 0.90 0.00	16.88 0.83 0.00	17.41 0.86 0.00	19.91 1.09 0.00	21.62 1.22 0.00	23.56 1.40 0.00	24.50 1.60 0.00	24.69 1.68 0.00	25.35 1.72 0.00	26.27 1.81 -0.06	28.19 1.98 -0.19	32.03 2.27 -0.60	32.17 2.31 -0.59	39.09 2.88 -1.13	43.87 3.31 -1.56	40.40 2.77 -0.73	36.35 2.23 -0.28	31.87 2.00 0.00	30.54 1.89 0.00	25.75 1.59 0.00	23.05 1.37 0.00
INGHAM_C_115KV_TB7 356103	19.39 -0.28 0.00	17.82 -0.27 0.00	16.61 -0.17 0.00	15.82 -0.22 0.00	15.82 -0.22 0.00	16.31 -0.23 0.00	18.69 -0.13 0.00	20.23 -0.16 0.00	22.03 -0.13 0.00	22.76 -0.14 0.00	22.83 -0.18 0.00	23.43 -0.19 0.00	24.23 -0.17 0.00	25.87 -0.16 0.00	29.01 -0.15 0.00	29.15 -0.12 0.00	34.98 -0.11 0.00	38.80 -0.19 0.00	36.76 -0.15 0.00	33.74 -0.10 0.00	29.69 -0.18 0.00	28.48 -0.17 0.00	23.89 -0.27 0.00	21.44 -0.24 0.00
IP CORINTH___1 23988	20.72 1.06 0.00	19.02 0.92 0.00	17.59 0.81 0.00	16.90 0.85 0.00	16.84 0.80 0.00	17.41 0.86 0.00	19.82 1.00 0.00	21.52 1.12 0.00	23.34 1.17 0.00	24.08 1.19 0.00	24.10 1.08 0.00	24.68 1.06 0.00	25.41 1.07 0.07	26.71 0.88 0.20	29.62 1.11 0.64	29.78 1.14 0.63	35.49 1.61 1.21	40.89 2.14 0.24	38.56 2.44 0.78	35.95 2.40 0.29	32.20 2.33 0.00	30.83 2.18 0.00	25.82 1.67 0.00	23.03 1.34 0.00
IP___TICONDEROGA 23804	21.72 2.06 0.00	19.96 1.86 0.00	18.49 1.71 0.00	17.70 1.65 0.00	17.63 1.59 0.00	18.27 1.72 0.00	20.89 2.07 0.00	22.82 2.43 0.00	24.67 2.50 0.00	25.39 2.50 0.00	25.50 2.49 0.00	26.10 2.48 0.00	26.73 2.39 0.07	28.08 2.26 0.21	31.21 2.71 0.66	31.40 2.78 0.65	37.56 3.72 1.24	43.32 4.60 0.28	41.06 4.95 0.80	38.22 4.67 0.29	34.53 4.66 0.00	33.03 4.38 0.00	27.56 3.41 0.00	24.41 2.73 0.00
ISLIP_RES_REC 323679	21.71 2.04 -0.01	19.89 1.79 -0.01	18.24 1.46 0.00	17.72 1.67 -0.01	17.70 1.65 -0.01	18.19 1.64 -0.01	20.66 1.85 0.00	22.54 2.14 -0.01	24.61 2.44 -0.01	27.28 2.63 -1.75	29.69 2.53 -4.14	31.58 2.58 -5.39	31.62 2.71 -4.51	32.39 2.94 -3.43	37.36 3.50 -4.71	41.94 3.63 -9.05	40.78 4.31 -1.38	45.82 4.79 -2.03	41.81 4.13 -0.77	37.79 3.66 -0.29	33.09 3.11 -0.11	32.23 2.92 -0.66	30.56 2.66 -3.75	24.04 2.34 -0.02
JAMAICA___27_KV_LOAD 355505	21.04 1.38 0.00	19.27 1.18 0.00	17.84 1.06 0.00	17.12 1.08 0.00	17.04 0.99 0.00	17.57 1.03 0.00	20.21 1.39 0.00	22.02 1.63 0.00	24.03 1.86 0.00	25.11 2.22 0.00	25.13 2.12 0.00	25.82 2.20 0.00	26.81 2.34 -0.06	28.74 2.52 -0.19	32.65 2.89 -0.61	32.74 2.87 -0.60	39.81 3.58 -1.15	44.67 4.09 -1.59	41.04 3.40 -0.74	36.79 2.67 -0.28	32.26 2.39 0.00	30.91 2.26 0.00	26.23 2.08 0.00	23.42 1.73 0.00
JANIS___SOLAR 323808	20.66 1.00 0.00	18.91 0.81 0.00	17.55 0.77 0.00	16.69 0.64 0.00	16.73 0.69 0.00	17.29 0.75 0.00	19.84 1.02 0.00	21.35 0.96 0.00	23.10 0.93 0.00	23.60 0.71 0.00	23.78 0.64 -0.12	24.55 0.69 -0.24	25.45 0.73 -0.31	27.45 0.96 -0.47	31.06 1.17 -0.73	31.05 1.23 -0.56	37.42 1.58 -0.76	41.26 1.52 -0.75	39.69 2.07 -0.72	37.24 2.33 -1.07	32.75 2.09 -0.79	31.11 1.95 -0.51	25.67 1.38 -0.13	23.00 1.32 0.00
JARVIS____ 23743	19.74 0.08 0.00	18.15 0.05 0.00	16.85 0.07 0.00	16.09 0.05 0.00	16.09 0.05 0.00	16.58 0.03 0.00	18.91 0.09 0.00	20.45 0.06 0.00	22.23 0.07 0.00	22.96 0.07 0.00	23.08 0.07 0.00	23.69 0.07 0.00	24.48 0.07 0.00	26.13 0.10 0.00	29.27 0.12 0.00	29.41 0.15 0.00	35.26 0.18 0.00	39.15 0.16 0.00	37.09 0.19 0.00	34.04 0.20 0.00	30.05 0.18 0.00	28.79 0.14 0.00	24.25 0.10 0.00	21.79 0.11 0.00
JENNISON___1 23625	20.74 1.08 0.00	18.98 0.89 0.00	17.65 0.87 0.00	16.78 0.74 0.00	16.79 0.75 0.00	17.36 0.81 0.00	19.93 1.11 0.00	21.52 1.12 0.00	23.38 1.22 0.00	24.04 1.14 0.00	24.31 1.20 -0.09	25.06 1.25 -0.19	25.98 1.32 -0.26	28.01 1.59 -0.41	31.71 1.87 -0.69	31.45 1.81 -0.37	37.79 2.21 -0.50	41.74 2.14 -0.61	39.75 2.36 -0.48	37.05 2.50 -0.71	32.63 2.24 -0.52	31.08 2.09 -0.34	25.81 1.57 -0.09	23.13 1.45 0.00
JENNISON___2 23626	20.74 1.08 0.00	18.98 0.89 0.00	17.65 0.87 0.00	16.78 0.74 0.00	16.79 0.75 0.00	17.36 0.81 0.00	19.93 1.11 0.00	21.52 1.12 0.00	23.38 1.22 0.00	24.04 1.14 0.00	24.31 1.20 -0.09	25.06 1.25 -0.19	25.98 1.32 -0.26	28.01 1.59 -0.41	31.71 1.87 -0.69	31.45 1.81 -0.37	37.79 2.21 -0.50	41.74 2.14 -0.61	39.75 2.36 -0.48	37.05 2.50 -0.71	32.63 2.24 -0.52	31.08 2.09 -0.34	25.81 1.57 -0.09	23.13 1.45 0.00

JERICO_RISE_WT_PWR 323719	19.62 -0.04 0.00	18.15 0.05 0.00	16.82 0.03 0.00	16.14 0.10 0.00	16.17 0.13 0.00	16.71 0.17 0.00	18.80 -0.02 0.00	20.56 0.16 0.00	22.36 0.20 0.00	23.03 0.14 0.00	23.15 0.14 0.00	23.74 0.12 0.00	24.55 0.15 0.00	26.18 0.16 0.00	29.27 0.12 0.00	29.44 0.18 0.00	35.19 0.11 0.00	39.30 0.31 0.00	37.06 0.15 0.00	33.84 0.00 0.00	29.81 -0.06 0.00	28.51 -0.14 0.00	24.08 -0.07 0.00	21.51 -0.17 0.00
KATONAH__115KV_46KV_TB4 355592	20.90 1.24 0.00	19.14 1.05 0.00	17.74 0.96 0.00	17.01 0.96 0.00	16.94 0.90 0.00	17.47 0.93 0.00	19.99 1.17 0.00	21.70 1.31 0.00	23.65 1.49 0.00	24.61 1.72 0.00	24.76 1.75 0.00	25.39 1.77 0.00	26.35 1.88 -0.06	28.29 2.08 -0.19	32.24 2.48 -0.60	32.35 2.49 -0.59	39.37 3.16 -1.13	44.19 3.63 -1.58	40.66 3.03 -0.73	36.62 2.50 -0.28	32.08 2.21 0.00	30.74 2.09 0.00	25.87 1.72 0.00	23.18 1.50 0.00
KCE_NY_1 323755	20.80 1.14 0.00	19.09 0.99 0.00	17.69 0.91 0.00	16.98 0.93 0.00	16.92 0.88 0.00	17.47 0.93 0.00	19.91 1.09 0.00	21.56 1.16 0.00	23.38 1.22 0.00	24.15 1.26 0.00	24.30 1.29 0.00	24.90 1.27 0.00	25.68 1.34 0.07	27.14 1.33 0.21	30.02 1.54 0.68	30.21 1.61 0.67	35.91 2.10 1.27	41.28 2.61 0.32	38.67 2.58 0.82	35.86 2.33 0.31	32.05 2.18 0.00	30.71 2.06 0.00	25.78 1.62 0.00	23.03 1.34 0.00
KCE_NY_6_ESR 323823	20.21 0.55 0.00	18.35 0.25 0.00	16.83 0.05 0.00	15.93 -0.11 0.00	16.04 0.00 0.00	16.68 0.13 0.00	19.18 0.36 0.00	20.56 0.16 0.00	22.23 0.07 0.00	22.78 -0.11 0.00	22.90 -0.11 0.00	23.67 0.05 0.00	24.62 0.22 0.00	26.10 0.08 0.00	29.12 -0.03 0.00	29.12 -0.15 0.00	34.66 -0.42 0.00	38.04 -1.01 -0.06	36.57 -0.33 0.00	34.28 0.44 0.00	30.17 0.30 0.00	28.77 0.12 0.00	24.13 -0.02 0.00	22.07 0.39 0.00
KEDC_PORT_JEFF_GT2 24210	21.60 1.93 -0.01	19.76 1.66 -0.01	18.16 1.38 0.00	17.63 1.57 -0.01	17.59 1.54 -0.01	18.09 1.54 -0.01	20.55 1.73 0.00	22.40 2.00 -0.01	24.46 2.28 -0.01	27.12 2.47 -1.75	29.53 2.37 -4.14	31.39 2.38 -5.39	31.45 2.54 -4.51	32.18 2.73 -3.43	37.10 3.24 -4.71	41.68 3.36 -9.05	40.32 3.86 -1.38	45.12 4.09 -2.04	41.14 3.47 -0.77	37.41 3.28 -0.29	32.82 2.84 -0.12	32.00 2.69 -0.66	30.37 2.47 -3.75	23.89 2.19 -0.02
KEDC_PORT_JEFF_GT3 24211	21.60 1.93 -0.01	19.76 1.66 -0.01	18.16 1.38 0.00	17.63 1.57 -0.01	17.59 1.54 -0.01	18.09 1.54 -0.01	20.55 1.73 0.00	22.40 2.00 -0.01	24.46 2.28 -0.01	27.12 2.47 -1.75	29.53 2.37 -4.14	31.39 2.38 -5.39	31.45 2.54 -4.51	32.18 2.73 -3.43	37.10 3.24 -4.71	41.68 3.36 -9.05	40.32 3.86 -1.38	45.12 4.09 -2.04	41.14 3.47 -0.77	37.41 3.28 -0.29	32.82 2.84 -0.12	32.00 2.69 -0.66	30.37 2.47 -3.75	23.89 2.19 -0.02
KEDC_GLWD_GT4 24219	21.24 1.57 -0.01	19.46 1.36 -0.01	17.97 1.19 0.00	17.31 1.25 -0.01	17.24 1.19 -0.01	17.78 1.22 -0.01	20.33 1.51 0.00	22.11 1.71 -0.01	24.10 1.93 -0.01	26.77 2.13 -1.75	29.39 2.23 -4.14	31.25 2.25 -5.39	31.28 2.37 -4.51	32.02 2.58 -3.43	36.60 2.74 -4.71	41.12 2.81 -9.04	39.94 3.47 -1.38	45.00 3.98 -2.03	41.03 3.36 -0.76	36.97 2.84 -0.29	32.61 2.63 -0.11	31.80 2.49 -0.66	30.00 2.10 -3.75	23.57 1.86 -0.02
KEDC_GLWD_GT5 24220	21.24 1.57 -0.01	19.46 1.36 -0.01	17.97 1.19 0.00	17.31 1.25 -0.01	17.24 1.19 -0.01	17.78 1.22 -0.01	20.33 1.51 0.00	22.11 1.71 -0.01	24.10 1.93 -0.01	26.77 2.13 -1.75	29.39 2.23 -4.14	31.25 2.25 -5.39	31.28 2.37 -4.51	32.02 2.58 -3.43	36.60 2.74 -4.71	41.12 2.81 -9.04	39.94 3.47 -1.38	45.00 3.98 -2.03	41.03 3.36 -0.76	36.97 2.84 -0.29	32.61 2.63 -0.11	31.80 2.49 -0.66	30.00 2.10 -3.75	23.57 1.86 -0.02
KENSICO____ 23655	20.86 1.20 0.00	19.11 1.01 0.00	17.72 0.94 0.00	17.01 0.96 0.00	16.94 0.90 0.00	17.46 0.91 0.00	20.01 1.19 0.00	21.72 1.33 0.00	23.67 1.51 0.00	24.63 1.74 0.00	24.81 1.80 0.00	25.46 1.84 0.00	26.42 1.95 -0.06	28.32 2.11 -0.19	32.21 2.45 -0.61	32.33 2.46 -0.60	39.31 3.09 -1.14	44.12 3.55 -1.58	40.60 2.95 -0.74	36.52 2.40 -0.28	31.99 2.12 0.00	30.68 2.03 0.00	25.85 1.69 0.00	23.16 1.47 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	20.72 1.06 0.00	18.98 0.89 0.00	17.62 0.84 0.00	16.86 0.82 0.00	16.81 0.77 0.00	17.32 0.78 0.00	19.84 1.02 0.00	21.52 1.12 0.00	23.49 1.33 0.00	24.45 1.56 0.00	24.58 1.56 0.00	25.23 1.61 0.00	26.12 1.68 -0.03	27.99 1.87 -0.10	31.68 2.22 -0.31	31.86 2.28 -0.31	38.65 2.98 -0.59	43.44 3.47 -0.98	40.28 2.99 -0.38	36.56 2.57 -0.14	32.08 2.21 0.00	30.74 2.09 0.00	25.85 1.69 0.00	23.16 1.47 0.00
KIAC_JFK_GT1 23816	20.94 1.28 0.00	19.18 1.09 0.00	17.76 0.97 0.00	17.06 1.01 0.00	16.96 0.91 0.00	17.51 0.96 0.00	20.12 1.30 0.00	21.90 1.51 0.00	23.92 1.75 0.00	24.98 2.08 0.00	25.02 2.00 0.00	25.68 2.06 0.00	26.67 2.20 -0.06	28.58 2.37 -0.19	32.48 2.71 -0.61	32.44 2.58 -0.60	39.46 3.23 -1.15	44.28 3.70 -1.59	40.64 2.99 -0.74	36.46 2.33 -0.28	31.99 2.12 0.00	30.63 1.98 0.00	26.09 1.93 0.00	23.29 1.60 0.00
KIAC_JFK_GT2 23817	20.94 1.28 0.00	19.18 1.09 0.00	17.76 0.97 0.00	17.06 1.01 0.00	16.96 0.91 0.00	17.51 0.96 0.00	20.12 1.30 0.00	21.90 1.51 0.00	23.92 1.75 0.00	24.98 2.08 0.00	25.02 2.00 0.00	25.68 2.06 0.00	26.67 2.20 -0.06	28.58 2.37 -0.19	32.48 2.71 -0.61	32.44 2.58 -0.60	39.46 3.23 -1.15	44.28 3.70 -1.59	40.64 2.99 -0.74	36.46 2.33 -0.28	31.99 2.12 0.00	30.63 1.98 0.00	26.09 1.93 0.00	23.29 1.60 0.00
KIAC_JFK____ 323774	20.94 1.28 0.00	19.18 1.09 0.00	17.75 0.97 0.00	17.06 1.01 0.00	16.95 0.91 0.00	17.51 0.96 0.00	20.12 1.30 0.00	21.90 1.51 0.00	23.92 1.75 0.00	24.98 2.08 0.00	25.09 2.07 0.00	25.68 2.05 0.00	26.67 2.20 -0.06	28.58 2.37 -0.19	32.45 2.68 -0.62	32.45 2.58 -0.60	39.46 3.23 -1.15	44.29 3.71 -1.59	40.64 2.99 -0.74	36.49 2.37 -0.28	31.99 2.12 0.00	30.63 1.98 0.00	26.09 1.93 0.00	23.29 1.60 0.00
KINTIGH____ 23543	19.82 0.16 0.00	18.06 -0.04 0.00	16.55 -0.23 0.00	15.71 -0.34 0.00	15.80 -0.24 0.00	16.38 -0.17 0.00	18.84 0.02 0.00	20.17 -0.22 0.00	21.85 -0.31 0.00	22.39 -0.50 0.00	22.88 -0.14 0.00	23.50 -0.12 0.00	24.36 -0.05 0.00	25.81 -0.21 0.00	28.72 -0.44 0.00	28.42 -0.85 0.00	33.82 -1.26 0.00	37.21 -1.83 -0.05	35.84 -1.07 0.00	33.60 -0.24 0.00	29.60 -0.27 0.00	28.25 -0.40 0.00	23.75 -0.41 0.00	21.70 0.02 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	19.92 0.26 0.00	18.40 0.31 0.00	17.03 0.25 0.00	16.35 0.30 0.00	16.39 0.35 0.00	16.96 0.41 0.00	19.06 0.24 0.00	20.86 0.47 0.00	22.67 0.51 0.00	23.35 0.46 0.00	23.45 0.44 0.00	24.05 0.43 0.00	24.89 0.49 0.00	26.57 0.55 0.00	29.71 0.55 0.00	29.88 0.61 0.00	35.68 0.60 0.00	39.93 0.94 0.00	37.68 0.78 0.00	34.45 0.61 0.00	30.29 0.42 0.00	28.97 0.32 0.00	24.45 0.29 0.00	21.83 0.15 0.00

LACHUTE____HYDRO 323717	21.72 2.06 0.00	19.96 1.86 0.00	18.49 1.71 0.00	17.70 1.65 0.00	17.63 1.59 0.00	18.27 1.72 0.00	20.89 2.07 0.00	22.82 2.43 0.00	24.67 2.50 0.00	25.39 2.50 0.00	25.52 2.51 0.00	26.10 2.48 0.00	26.73 2.39 0.07	28.08 2.26 0.21	31.21 2.71 0.66	31.40 2.78 0.65	37.56 3.72 1.23	43.32 4.60 0.27	41.06 4.95 0.79	38.24 4.70 0.30	34.53 4.66 0.00	33.03 4.38 0.00	27.56 3.41 0.00	24.41 2.73 0.00
LAWRNCV_115KV_TB1 80681	19.19 -0.47 0.00	17.77 -0.33 0.00	16.53 -0.25 0.00	15.77 -0.27 0.00	15.78 -0.26 0.00	16.30 -0.25 0.00	18.35 -0.47 0.00	19.94 -0.45 0.00	21.70 -0.47 0.00	22.32 -0.57 0.00	22.46 -0.55 0.00	23.03 -0.59 0.00	23.82 -0.59 0.00	25.40 -0.62 0.00	28.45 -0.70 0.00	28.62 -0.64 0.00	34.13 -0.95 0.00	37.86 -1.13 0.00	35.76 -1.14 0.00	32.89 -0.95 0.00	29.03 -0.84 0.00	27.96 -0.69 0.00	23.82 -0.34 0.00	21.33 -0.35 0.00
LEDERLE____ 23769	20.86 1.20 0.00	19.09 1.00 0.00	17.72 0.94 0.00	16.99 0.95 0.00	16.92 0.88 0.00	17.47 0.93 0.00	19.99 1.17 0.00	21.72 1.33 0.00	23.69 1.53 0.00	24.63 1.74 0.00	24.83 1.82 0.00	25.51 1.89 0.00	26.42 1.95 -0.06	28.33 2.13 -0.17	32.19 2.48 -0.56	32.34 2.52 -0.55	39.29 3.16 -1.05	44.09 3.63 -1.47	40.65 3.06 -0.68	36.60 2.50 -0.26	32.08 2.21 0.00	30.74 2.09 0.00	25.90 1.74 0.00	23.18 1.50 0.00
LIGHTHSE_115KV_TB6 355974	19.64 -0.02 0.00	18.02 -0.07 0.00	16.70 -0.08 0.00	15.93 -0.11 0.00	15.94 -0.10 0.00	16.46 -0.08 0.00	18.80 -0.02 0.00	20.33 -0.06 0.00	22.08 -0.09 0.00	22.71 -0.18 0.00	23.05 -0.18 -0.22	23.90 -0.17 -0.44	24.84 -0.15 -0.58	26.84 -0.05 -0.87	30.45 -0.06 -1.36	30.20 -0.15 -1.08	36.33 -0.21 -1.46	39.75 -0.47 -1.22	38.23 -0.07 -1.39	36.13 0.24 -2.06	31.59 0.21 -1.51	29.95 0.32 -0.98	24.53 0.12 -0.26	21.90 0.22 0.00
LINDEN COGEN____ 23786	20.88 1.22 0.00	19.12 1.03 0.00	17.74 0.96 0.00	17.02 0.98 0.00	16.92 0.88 0.00	17.44 0.89 0.00	20.03 1.21 0.00	21.76 1.37 0.00	23.74 1.57 0.00	24.77 1.88 0.00	24.99 1.98 0.00	25.61 1.98 0.00	26.57 2.10 -0.06	28.48 2.26 -0.19	32.30 2.54 -0.62	32.51 2.64 -0.60	39.39 3.16 -1.15	44.25 3.66 -1.59	40.60 2.95 -0.74	36.53 2.40 -0.28	31.99 2.12 0.00	30.68 2.03 0.00	25.92 1.76 0.00	23.18 1.49 0.00
LINDHRST_69_KV_BK1 356055	21.65 1.99 0.00	19.81 1.72 0.00	18.23 1.44 0.00	17.62 1.57 0.00	17.58 1.54 0.00	18.10 1.56 0.00	20.66 1.84 0.00	22.49 2.10 0.00	24.51 2.35 0.00	27.19 2.54 -1.75	29.64 2.49 -4.14	31.56 2.55 -5.39	31.60 2.68 -4.51	32.34 2.89 -3.42	37.21 3.35 -4.71	41.79 3.48 -9.04	40.74 4.28 -1.38	45.89 4.87 -2.03	41.91 4.24 -0.76	37.81 3.69 -0.28	33.06 3.08 -0.11	32.26 2.95 -0.66	30.49 2.58 -3.75	24.02 2.32 -0.02
LIPA_MISC_IPP 23656	21.41 1.75 0.00	19.61 1.52 0.00	18.04 1.26 0.00	17.51 1.46 0.00	17.50 1.46 0.00	17.97 1.42 0.00	20.42 1.60 0.00	22.25 1.86 0.00	24.29 2.13 0.00	26.96 2.31 -1.75	29.29 2.14 -4.14	31.23 2.22 -5.39	31.26 2.34 -4.51	31.97 2.52 -3.42	36.83 2.97 -4.71	41.44 3.13 -9.04	40.25 3.79 -1.38	45.27 4.25 -2.03	41.29 3.62 -0.76	37.27 3.15 -0.28	32.64 2.66 -0.11	31.83 2.52 -0.66	30.22 2.32 -3.75	23.76 2.06 -0.02
LISF____SOLAR 323691	21.44 1.77 -0.01	19.62 1.52 -0.01	18.06 1.27 0.00	17.53 1.48 -0.01	17.52 1.47 -0.01	17.99 1.44 -0.01	20.46 1.64 0.00	22.30 1.90 -0.01	24.32 2.15 -0.01	26.98 2.34 -1.75	29.36 2.21 -4.14	31.25 2.25 -5.39	31.28 2.37 -4.51	32.00 2.55 -3.43	36.93 3.06 -4.71	41.50 3.19 -9.05	40.29 3.82 -1.38	45.35 4.33 -2.03	41.36 3.69 -0.77	37.38 3.25 -0.29	32.70 2.72 -0.11	31.89 2.58 -0.66	30.27 2.37 -3.75	23.78 2.08 -0.02
LITTLE FALLS____HYD 24013	19.39 -0.28 0.00	17.82 -0.27 0.00	16.61 -0.17 0.00	15.82 -0.22 0.00	15.82 -0.22 0.00	16.31 -0.23 0.00	18.69 -0.13 0.00	20.23 -0.16 0.00	22.03 -0.13 0.00	22.76 -0.14 0.00	22.83 -0.18 0.00	23.43 -0.19 0.00	24.23 -0.17 0.00	25.87 -0.16 0.00	29.01 -0.15 0.00	29.15 -0.12 0.00	34.98 -0.11 0.00	38.80 -0.19 0.00	36.76 -0.15 0.00	33.74 -0.10 0.00	29.69 -0.18 0.00	28.48 -0.17 0.00	23.89 -0.27 0.00	21.44 -0.24 0.00
LITTLRIV_115KV_TB1 356100	19.29 -0.37 0.00	17.84 -0.25 0.00	16.63 -0.15 0.00	15.87 -0.18 0.00	15.85 -0.19 0.00	16.36 -0.18 0.00	18.46 -0.36 0.00	20.09 -0.31 0.00	21.88 -0.29 0.00	22.48 -0.41 0.00	22.62 -0.39 0.00	23.22 -0.40 0.00	24.01 -0.39 0.00	25.63 -0.39 0.00	28.75 -0.41 0.00	28.95 -0.32 0.00	34.48 -0.60 0.00	38.21 -0.78 0.00	36.17 -0.74 0.00	33.33 -0.51 0.00	29.42 -0.45 0.00	28.34 -0.32 0.00	24.11 -0.05 0.00	21.57 -0.11 0.00
LI_NEWBRDGE____DRP 323616	21.25 1.59 0.00	19.47 1.38 0.00	17.96 1.17 0.00	17.33 1.28 0.00	17.28 1.24 0.00	17.80 1.26 0.00	20.34 1.52 0.00	22.11 1.71 0.00	24.09 1.93 0.00	26.73 2.08 -1.75	29.20 2.05 -4.14	31.11 2.10 -5.39	31.11 2.20 -4.51	31.84 2.39 -3.42	36.60 2.74 -4.70	41.12 2.81 -9.04	39.93 3.47 -1.37	44.99 3.98 -2.02	41.03 3.36 -0.76	37.06 2.94 -0.28	32.40 2.42 -0.11	31.63 2.32 -0.66	29.96 2.05 -3.75	23.57 1.86 -0.02
LOCKPORT_115KV_TB60_63_64 80432	19.99 0.33 0.00	18.18 0.09 0.00	16.58 -0.20 0.00	15.76 -0.29 0.00	15.85 -0.19 0.00	16.46 -0.08 0.00	18.93 0.11 0.00	20.21 -0.18 0.00	21.88 -0.29 0.00	22.39 -0.50 0.00	22.78 -0.23 0.00	23.41 -0.21 0.00	24.33 -0.07 0.00	25.76 -0.26 0.00	28.60 -0.55 0.00	28.45 -0.82 0.00	33.82 -1.26 0.00	37.13 -1.91 -0.05	35.84 -1.07 0.00	33.74 -0.10 0.00	29.72 -0.15 0.00	28.34 -0.32 0.00	23.79 -0.36 0.00	21.81 0.13 0.00
LOCKPORT____CC1 323769	19.99 0.33 0.00	18.17 0.07 0.00	16.63 -0.15 0.00	15.76 -0.29 0.00	15.85 -0.19 0.00	16.46 -0.08 0.00	18.95 0.13 0.00	20.23 -0.16 0.00	21.88 -0.29 0.00	22.39 -0.50 0.00	22.67 -0.34 0.00	23.41 -0.21 0.00	24.33 -0.07 0.00	25.76 -0.26 0.00	28.72 -0.44 0.00	28.45 -0.82 0.00	33.82 -1.26 0.00	37.14 -1.91 -0.05	35.80 -1.11 0.00	33.74 -0.10 0.00	29.69 -0.18 0.00	28.31 -0.34 0.00	23.77 -0.39 0.00	21.81 0.13 0.00
LOCKPORT____CC2 323770	19.99 0.33 0.00	18.17 0.07 0.00	16.63 -0.15 0.00	15.76 -0.29 0.00	15.85 -0.19 0.00	16.46 -0.08 0.00	18.95 0.13 0.00	20.23 -0.16 0.00	21.88 -0.29 0.00	22.39 -0.50 0.00	22.67 -0.34 0.00	23.41 -0.21 0.00	24.33 -0.07 0.00	25.76 -0.26 0.00	28.72 -0.44 0.00	28.45 -0.82 0.00	33.82 -1.26 0.00	37.14 -1.91 -0.05	35.80 -1.11 0.00	33.74 -0.10 0.00	29.69 -0.18 0.00	28.31 -0.34 0.00	23.77 -0.39 0.00	21.81 0.13 0.00
LOCKPORT____CC3 323771	19.99 0.33 0.00	18.17 0.07 0.00	16.63 -0.15 0.00	15.76 -0.29 0.00	15.85 -0.19 0.00	16.46 -0.08 0.00	18.95 0.13 0.00	20.23 -0.16 0.00	21.88 -0.29 0.00	22.39 -0.50 0.00	22.67 -0.34 0.00	23.41 -0.21 0.00	24.33 -0.07 0.00	25.76 -0.26 0.00	28.72 -0.44 0.00	28.45 -0.82 0.00	33.82 -1.26 0.00	37.14 -1.91 -0.05	35.80 -1.11 0.00	33.74 -0.10 0.00	29.69 -0.18 0.00	28.31 -0.34 0.00	23.77 -0.39 0.00	21.81 0.13 0.00

LONG_LAKE_PHOENIX 24014	19.48 -0.18 0.00	17.88 -0.22 0.00	16.55 -0.23 0.00	15.79 -0.26 0.00	15.82 -0.22 0.00	16.33 -0.22 0.00	18.63 -0.19 0.00	20.09 -0.31 0.00	21.83 -0.33 0.00	22.53 -0.37 0.00	23.07 -0.39 -0.45	24.13 -0.40 -0.91	25.20 -0.39 -1.18	27.43 -0.36 -1.77	31.50 -0.44 -2.78	31.01 -0.47 -2.21	37.52 -0.56 -3.00	40.68 -0.82 -2.51	39.21 -0.55 -2.85	37.61 -0.44 -4.21	32.59 -0.39 -3.10	30.29 -0.37 -2.01	24.27 -0.41 -0.52	21.44 -0.24 0.00
LOVETT___3 23632	20.74 1.08 0.00	19.00 0.90 0.00	17.62 0.84 0.00	16.91 0.87 0.00	16.86 0.82 0.00	17.39 0.84 0.00	19.89 1.07 0.00	21.60 1.20 0.00	23.54 1.37 0.00	24.47 1.58 0.00	24.67 1.66 0.00	25.32 1.70 0.00	26.25 1.78 -0.06	28.15 1.95 -0.18	31.96 2.24 -0.57	32.11 2.28 -0.56	39.02 2.88 -1.06	43.79 3.31 -1.48	40.32 2.73 -0.68	36.33 2.23 -0.26	31.84 1.97 0.00	30.51 1.86 0.00	25.73 1.57 0.00	23.03 1.34 0.00
LOVETT___4 23642	20.74 1.08 0.00	19.00 0.90 0.00	17.62 0.84 0.00	16.91 0.87 0.00	16.86 0.82 0.00	17.39 0.84 0.00	19.89 1.07 0.00	21.60 1.20 0.00	23.54 1.37 0.00	24.47 1.58 0.00	24.67 1.66 0.00	25.32 1.70 0.00	26.25 1.78 -0.06	28.15 1.95 -0.18	31.96 2.24 -0.57	32.11 2.28 -0.56	39.02 2.88 -1.06	43.79 3.31 -1.48	40.32 2.73 -0.68	36.33 2.23 -0.26	31.84 1.97 0.00	30.51 1.86 0.00	25.73 1.57 0.00	23.03 1.34 0.00
LOVETT___5 23593	20.74 1.08 0.00	19.00 0.90 0.00	17.62 0.84 0.00	16.91 0.87 0.00	16.86 0.82 0.00	17.39 0.84 0.00	19.89 1.07 0.00	21.60 1.20 0.00	23.54 1.37 0.00	24.47 1.58 0.00	24.67 1.66 0.00	25.32 1.70 0.00	26.25 1.78 -0.06	28.15 1.95 -0.18	31.96 2.24 -0.57	32.11 2.28 -0.56	39.02 2.88 -1.06	43.79 3.31 -1.48	40.32 2.73 -0.68	36.33 2.23 -0.26	31.84 1.97 0.00	30.51 1.86 0.00	25.73 1.57 0.00	23.03 1.34 0.00
LOWER RAQUET___HYD 24057	19.17 -0.49 0.00	17.75 -0.34 0.00	16.50 -0.29 0.00	15.76 -0.29 0.00	15.77 -0.27 0.00	16.28 -0.27 0.00	18.31 -0.51 0.00	19.88 -0.51 0.00	21.63 -0.53 0.00	22.25 -0.64 0.00	22.39 -0.62 0.00	22.96 -0.66 0.00	23.75 -0.66 0.00	25.32 -0.70 0.00	28.40 -0.76 0.00	28.56 -0.70 0.00	34.03 -1.05 0.00	37.71 -1.29 0.00	35.65 -1.25 0.00	32.76 -1.08 0.00	28.94 -0.93 0.00	27.88 -0.77 0.00	23.79 -0.36 0.00	21.33 -0.35 0.00
LOWER___HUDSON 24059	20.51 0.84 0.00	18.83 0.74 0.00	17.47 0.69 0.00	16.75 0.71 0.00	16.73 0.69 0.00	17.24 0.69 0.00	19.70 0.88 0.00	21.29 0.90 0.00	23.07 0.91 0.00	23.88 0.98 0.00	24.03 1.01 0.00	24.64 1.02 0.00	25.36 1.05 0.09	26.84 1.09 0.27	29.54 1.25 0.87	29.70 1.29 0.86	35.13 1.68 1.63	40.35 2.14 0.79	37.81 1.95 1.05	35.06 1.62 0.40	31.36 1.49 0.00	30.08 1.43 0.00	25.29 1.14 0.00	22.63 0.95 0.00
LOWVILLE_115KV_TB2 356335	19.84 0.18 0.00	18.26 0.16 0.00	16.97 0.18 0.00	16.17 0.13 0.00	16.17 0.13 0.00	16.70 0.15 0.00	19.05 0.23 0.00	20.58 0.18 0.00	22.39 0.22 0.00	22.96 0.07 0.00	23.18 0.09 -0.07	23.88 0.12 -0.14	24.73 0.15 -0.18	26.58 0.29 -0.27	29.93 0.35 -0.43	30.01 0.41 -0.34	36.03 0.49 -0.46	39.69 0.31 -0.38	37.97 0.63 -0.44	35.53 1.05 -0.64	31.30 0.96 -0.47	29.87 0.92 -0.31	24.94 0.70 -0.08	22.31 0.63 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	20.78 1.12 0.00	19.09 1.00 0.00	17.69 0.91 0.00	16.96 0.91 0.00	16.92 0.88 0.00	17.46 0.91 0.00	19.89 1.07 0.00	21.56 1.16 0.00	23.38 1.22 0.00	24.15 1.26 0.00	24.28 1.27 0.00	24.90 1.28 0.00	25.65 1.32 0.07	27.14 1.33 0.21	30.02 1.55 0.68	30.18 1.58 0.67	35.87 2.07 1.28	41.24 2.57 0.32	38.63 2.55 0.82	35.84 2.30 0.30	32.02 2.15 0.00	30.68 2.03 0.00	25.78 1.62 0.00	23.03 1.34 0.00
LUTHERNY_35_KV_BK2 355980	20.80 1.14 0.00	19.09 1.00 0.00	17.69 0.91 0.00	16.98 0.93 0.00	16.92 0.88 0.00	17.47 0.93 0.00	19.91 1.09 0.00	21.56 1.16 0.00	23.38 1.22 0.00	24.15 1.26 0.00	24.28 1.27 0.00	24.90 1.28 0.00	25.68 1.34 0.07	27.14 1.33 0.21	30.02 1.55 0.68	30.21 1.61 0.67	35.91 2.10 1.28	41.28 2.61 0.32	38.67 2.58 0.82	35.84 2.30 0.30	32.05 2.18 0.00	30.71 2.06 0.00	25.78 1.62 0.00	23.03 1.34 0.00
LWR___OSWEGATCHIE_HYD 23850	19.44 -0.22 0.00	17.95 -0.14 0.00	16.66 -0.12 0.00	15.92 -0.13 0.00	15.91 -0.13 0.00	16.43 -0.12 0.00	18.59 -0.23 0.00	20.13 -0.27 0.00	21.90 -0.27 0.00	22.50 -0.39 0.00	22.70 -0.37 -0.06	23.36 -0.38 -0.12	24.17 -0.39 -0.15	25.91 -0.34 -0.23	29.16 -0.35 -0.36	29.26 -0.29 -0.29	35.01 -0.46 -0.39	38.61 -0.70 -0.32	36.80 -0.48 -0.37	34.25 -0.14 -0.55	30.18 -0.09 -0.40	28.91 0.00 -0.26	24.32 0.10 -0.07	21.75 0.07 0.00
LYONS_FALL_HYD 23570	19.88 0.22 0.00	18.27 0.18 0.00	17.02 0.23 0.00	16.21 0.16 0.00	16.20 0.16 0.00	16.71 0.17 0.00	19.12 0.30 0.00	20.66 0.26 0.00	22.47 0.31 0.00	23.10 0.21 0.00	23.30 0.23 -0.05	23.99 0.26 -0.10	24.84 0.29 -0.14	26.64 0.42 -0.20	30.00 0.53 -0.32	30.11 0.59 -0.25	36.13 0.70 -0.34	39.83 0.55 -0.29	38.01 0.78 -0.33	35.41 1.08 -0.48	31.21 0.98 -0.36	29.83 0.94 -0.23	24.92 0.70 -0.06	22.31 0.63 0.00
MADISON___COUNTY_LFGE 323628	20.09 0.43 0.00	18.44 0.34 0.00	17.17 0.39 0.00	16.33 0.29 0.00	16.33 0.29 0.00	16.86 0.31 0.00	19.33 0.51 0.00	20.86 0.47 0.00	23.35 0.53 0.00	23.57 0.48 -0.07	24.28 0.52 -0.14	25.14 0.56 -0.18	26.99 0.70 -0.27	30.42 0.85 -0.42	30.50 0.91 -0.33	36.65 1.12 -0.45	40.30 0.94 -0.37	38.51 1.18 -0.43	35.82 1.35 -0.63	31.53 1.19 -0.46	30.07 1.12 -0.30	25.03 0.80 -0.08	22.46 0.78 0.00	
MALONE___115KV_TB1 356076	19.64 -0.02 0.00	18.16 0.07 0.00	16.85 0.07 0.00	16.14 0.10 0.00	16.19 0.14 0.00	16.73 0.18 0.00	18.84 0.02 0.00	20.60 0.20 0.00	22.41 0.24 0.00	23.05 0.16 0.00	23.18 0.16 0.00	23.76 0.14 0.00	24.58 0.17 0.00	26.23 0.21 0.00	29.33 0.17 0.00	29.50 0.23 0.00	35.19 0.11 0.00	39.30 0.31 0.00	37.06 0.15 0.00	33.94 0.10 0.00	29.87 0.00 0.00	28.62 -0.03 0.00	24.20 0.05 0.00	21.64 -0.04 0.00
MAPLEWOD_115KV_TB3 80458	20.43 0.77 0.00	18.74 0.65 0.00	17.42 0.64 0.00	16.70 0.66 0.00	16.67 0.63 0.00	17.18 0.63 0.00	19.63 0.81 0.00	21.23 0.84 0.00	23.01 0.84 0.00	23.79 0.89 0.00	23.96 0.94 0.00	24.57 0.94 0.00	25.34 1.00 0.06	26.93 1.09 0.19	29.83 1.28 0.61	29.99 1.32 0.60	35.66 1.72 1.14	40.72 2.14 0.41	38.17 1.99 0.73	35.25 1.69 0.28	31.45 1.58 0.00	30.17 1.52 0.00	25.34 1.18 0.00	22.68 1.00 0.00
MAPLE RIDGE_WT_1 323574	19.33 -0.33 0.00	17.84 -0.25 0.00	16.55 -0.23 0.00	15.79 -0.26 0.00	15.75 -0.29 0.00	16.27 -0.28 0.00	18.44 -0.38 0.00	20.11 -0.29 0.00	21.88 -0.29 0.00	22.59 -0.30 0.00	22.71 -0.30 0.00	23.31 -0.31 0.00	24.09 -0.32 0.00	25.66 -0.36 0.00	28.72 -0.44 0.00	28.86 -0.41 0.00	34.56 -0.53 0.00	38.45 -0.55 0.00	36.35 -0.55 0.00	33.26 -0.58 0.00	29.30 -0.57 0.00	28.08 -0.57 0.00	23.72 -0.43 0.00	21.23 -0.46 0.00

MAPLE_RIDGE_WT_2 323611	19.33 -0.33 0.00	17.84 -0.25 0.00	16.55 -0.23 0.00	15.79 -0.26 0.00	15.75 -0.29 0.00	16.27 -0.28 0.00	18.44 -0.38 0.00	20.11 -0.29 0.00	21.88 -0.29 0.00	22.59 -0.30 0.00	22.71 -0.30 0.00	23.31 -0.31 0.00	24.09 -0.32 0.00	25.66 -0.36 0.00	28.72 -0.44 0.00	28.86 -0.41 0.00	34.56 -0.53 0.00	38.45 -0.55 0.00	36.35 -0.55 0.00	33.26 -0.58 0.00	29.30 -0.57 0.00	28.08 -0.57 0.00	23.72 -0.43 0.00	21.23 -0.46 0.00
MARBLE_RIVER_WT_PWR 323696	19.70 0.04 0.00	18.20 0.11 0.00	16.87 0.08 0.00	16.19 0.14 0.00	16.22 0.18 0.00	16.76 0.21 0.00	18.88 0.06 0.00	20.64 0.25 0.00	22.43 0.27 0.00	23.12 0.23 0.00	23.22 0.21 0.00	23.83 0.21 0.00	24.62 0.22 0.00	26.28 0.26 0.00	29.39 0.23 0.00	29.56 0.29 0.00	35.29 0.21 0.00	39.42 0.43 0.00	37.20 0.29 0.00	33.98 0.14 0.00	29.93 0.06 0.00	28.62 -0.03 0.00	24.18 0.02 0.00	21.60 -0.09 0.00
MARSHVLE_115KV_TB1 80742	21.45 1.79 0.00	19.67 1.57 0.00	18.19 1.41 0.00	17.46 1.41 0.00	17.40 1.36 0.00	18.02 1.47 0.00	20.57 1.75 0.00	22.19 1.79 0.00	24.03 1.86 0.00	24.63 1.74 0.00	24.81 1.80 0.00	25.44 1.82 0.00	26.27 1.90 0.04	27.93 2.03 0.12	31.12 2.36 0.39	31.37 2.49 0.38	37.54 3.19 0.73	42.86 3.74 -0.13	40.31 3.88 0.47	37.35 3.69 0.18	33.31 3.44 0.00	32.00 3.35 0.00	26.77 2.61 0.00	23.87 2.19 0.00
MARSH_HILL_WT_PWR 323713	20.55 0.89 0.00	18.69 0.60 0.00	17.24 0.45 0.00	16.35 0.30 0.00	16.44 0.40 0.00	17.08 0.53 0.00	19.63 0.81 0.00	21.13 0.73 0.00	22.85 0.69 0.00	23.42 0.53 0.00	23.57 0.51 -0.05	24.34 0.61 -0.11	25.28 0.73 -0.14	27.06 0.83 -0.21	30.27 0.79 -0.32	30.31 0.79 -0.25	36.23 0.81 -0.34	39.78 0.43 -0.36	38.27 1.03 -0.33	35.61 1.29 -0.48	31.27 1.04 -0.36	29.74 0.86 -0.23	24.82 0.60 -0.06	22.53 0.84 0.00
MCINTYRE_115KV_TB2 80467	19.33 -0.33 0.00	17.89 -0.20 0.00	16.68 -0.10 0.00	15.90 -0.14 0.00	15.90 -0.14 0.00	16.41 -0.13 0.00	18.52 -0.30 0.00	20.19 -0.20 0.00	21.97 -0.20 0.00	22.57 -0.32 0.00	22.72 -0.30 0.00	23.31 -0.31 0.00	24.09 -0.32 0.00	25.74 -0.29 0.00	28.86 -0.29 0.00	29.06 -0.20 0.00	34.66 -0.42 0.00	38.45 -0.55 0.00	36.39 -0.52 0.00	33.57 -0.27 0.00	29.66 -0.21 0.00	28.51 -0.14 0.00	24.20 0.05 0.00	21.62 -0.07 0.00
MECO____69_KV_BK1 80468	21.69 2.03 0.00	19.90 1.81 0.00	18.66 1.88 0.00	17.67 1.62 0.00	17.60 1.56 0.00	18.23 1.69 0.00	21.08 2.26 0.00	22.82 2.43 0.00	24.54 2.37 0.00	25.00 2.11 0.00	25.15 2.14 0.00	25.75 2.13 0.00	26.58 2.22 0.05	28.20 2.32 0.14	31.46 2.74 0.43	31.74 2.90 0.42	38.20 3.93 0.81	44.05 4.95 -0.10	41.74 5.35 0.52	38.75 5.11 0.20	34.74 4.87 0.00	33.26 4.61 0.00	27.71 3.55 0.00	24.61 2.93 0.00
MENANDS__115KV_TB5 355628	20.31 0.65 0.00	18.64 0.54 0.00	17.34 0.55 0.00	16.62 0.58 0.00	16.59 0.55 0.00	17.09 0.55 0.00	19.46 0.64 0.00	21.03 0.63 0.00	22.79 0.62 0.00	23.58 0.69 0.00	23.73 0.71 0.00	24.35 0.73 0.00	25.12 0.78 0.07	26.69 0.86 0.19	29.52 0.99 0.62	29.68 1.02 0.61	35.25 1.33 1.17	40.22 1.72 0.49	37.63 1.48 0.75	34.77 1.22 0.29	31.04 1.16 0.00	29.77 1.12 0.00	25.03 0.87 0.00	22.42 0.74 0.00
MG INDUSTRY__DRP 24185	20.39 0.73 0.00	18.73 0.63 0.00	17.42 0.64 0.00	16.70 0.66 0.00	16.65 0.61 0.00	17.16 0.61 0.00	19.55 0.73 0.00	21.13 0.73 0.00	22.90 0.73 0.00	23.67 0.78 0.00	23.82 0.81 0.00	24.45 0.83 0.00	25.25 0.88 0.04	26.84 0.94 0.12	29.86 1.08 0.37	29.99 1.08 0.36	35.79 1.40 0.69	40.60 1.75 0.15	38.01 1.55 0.45	34.99 1.32 0.17	31.12 1.25 0.00	29.85 1.20 0.00	25.12 0.97 0.00	22.51 0.82 0.00
MID__OSWEGATCHIE_HYD 23849	19.44 -0.22 0.00	17.95 -0.14 0.00	16.66 -0.12 0.00	15.92 -0.13 0.00	15.91 -0.13 0.00	16.43 -0.12 0.00	18.59 -0.23 0.00	20.13 -0.27 0.00	21.90 -0.27 0.00	22.50 -0.39 0.00	22.70 -0.37 -0.06	23.36 -0.38 -0.12	24.17 -0.39 -0.15	25.91 -0.34 -0.23	29.16 -0.35 -0.36	29.26 -0.29 -0.29	35.01 -0.46 -0.39	38.61 -0.70 -0.32	36.80 -0.48 -0.37	34.25 -0.14 -0.55	30.18 -0.09 -0.40	28.91 0.00 -0.26	24.32 0.10 -0.07	21.75 0.07 0.00
MID__RAQUETTE_HYD 23851	19.17 -0.49 0.00	17.73 -0.36 0.00	16.50 -0.29 0.00	15.76 -0.29 0.00	15.77 -0.27 0.00	16.28 -0.26 0.00	18.31 -0.51 0.00	19.88 -0.51 0.00	21.63 -0.53 0.00	22.25 -0.64 0.00	22.39 -0.62 0.00	22.96 -0.66 0.00	23.75 -0.66 0.00	25.32 -0.70 0.00	28.40 -0.76 0.00	28.56 -0.70 0.00	34.03 -1.05 0.00	37.70 -1.29 0.00	35.65 -1.25 0.00	32.79 -1.05 0.00	28.94 -0.93 0.00	27.88 -0.77 0.00	23.79 -0.36 0.00	21.33 -0.35 0.00
MILLIKEN__1 23584	20.25 0.59 0.00	18.54 0.45 0.00	17.18 0.40 0.00	16.35 0.30 0.00	16.39 0.35 0.00	16.94 0.40 0.00	19.38 0.56 0.00	20.92 0.53 0.00	22.72 0.55 0.00	23.33 0.43 -0.16	23.61 0.44 -0.33	24.40 0.45 -0.42	25.32 0.49 -0.64	27.31 0.65 -1.00	30.88 0.73 -0.78	30.81 0.76 -1.05	37.05 0.91 -1.05	40.77 0.82 -0.96	39.09 1.18 -1.00	36.54 1.22 -1.48	32.01 1.05 -1.09	30.36 1.00 -0.71	25.02 0.68 -0.18	22.40 0.72 0.00
MILLIKEN__2 23585	20.25 0.59 0.00	18.54 0.45 0.00	17.18 0.40 0.00	16.35 0.30 0.00	16.39 0.35 0.00	16.94 0.40 0.00	19.38 0.56 0.00	20.92 0.53 0.00	22.72 0.55 0.00	23.33 0.43 -0.16	23.61 0.44 -0.33	24.40 0.45 -0.42	25.32 0.49 -0.64	27.31 0.65 -1.00	30.88 0.73 -0.78	30.81 0.76 -1.05	37.05 0.91 -1.05	40.77 0.82 -0.96	39.09 1.18 -1.00	36.54 1.22 -1.48	32.01 1.05 -1.09	30.36 1.00 -0.71	25.02 0.68 -0.18	22.40 0.72 0.00
MILLIKEN__DIESEL 23629	20.25 0.59 0.00	18.54 0.45 0.00	17.18 0.40 0.00	16.35 0.30 0.00	16.39 0.35 0.00	16.94 0.40 0.00	19.38 0.56 0.00	20.92 0.53 0.00	22.72 0.55 0.00	23.33 0.43 -0.16	23.61 0.44 -0.33	24.40 0.45 -0.42	25.32 0.49 -0.64	27.31 0.65 -1.00	30.88 0.73 -0.78	30.81 0.76 -1.05	37.05 0.91 -1.05	40.77 0.82 -0.96	39.09 1.18 -1.00	36.54 1.22 -1.48	32.01 1.05 -1.09	30.36 1.00 -0.71	25.02 0.68 -0.18	22.40 0.72 0.00
MILLSEAT__LFGE 323607	20.19 0.53 0.00	18.36 0.27 0.00	16.82 0.03 0.00	15.95 -0.10 0.00	16.06 0.02 0.00	16.66 0.12 0.00	19.16 0.34 0.00	20.50 0.10 0.00	22.21 0.04 0.00	22.73 -0.16 0.00	22.99 -0.02 0.00	23.74 0.12 0.00	24.65 0.24 0.00	26.13 0.10 0.00	29.12 -0.03 0.00	28.92 -0.35 0.00	34.41 -0.67 0.00	37.87 -1.17 -0.05	36.57 -0.33 0.00	34.41 0.57 0.00	30.32 0.45 0.00	28.88 0.23 0.00	24.21 0.05 0.00	22.14 0.46 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	20.82 1.16 0.00	19.07 0.98 0.00	17.69 0.91 0.00	16.98 0.93 0.00	16.91 0.87 0.00	17.44 0.89 0.00	19.95 1.13 0.00	21.66 1.26 0.00	23.61 1.44 0.00	24.56 1.67 0.00	24.74 1.73 0.00	25.39 1.77 0.00	26.32 1.85 -0.06	28.24 2.03 -0.19	32.09 2.33 -0.61	32.23 2.37 -0.60	39.20 2.98 -1.14	44.00 3.43 -1.57	40.48 2.84 -0.73	36.42 2.30 -0.28	31.93 2.06 0.00	30.60 1.95 0.00	25.80 1.64 0.00	23.09 1.41 0.00

MILLWOOD_13_KV_LOAD 356217	20.86 1.20 0.00	19.11 1.01 0.00	17.70 0.92 0.00	16.99 0.95 0.00	16.92 0.88 0.00	17.46 0.91 0.00	19.97 1.15 0.00	21.70 1.31 0.00	23.65 1.49 0.00	24.61 1.72 0.00	24.76 1.75 0.00	25.42 1.80 0.00	26.37 1.90 -0.06	28.29 2.08 -0.19	32.18 2.42 -0.61	32.32 2.46 -0.60	39.31 3.09 -1.14	44.11 3.55 -1.57	40.59 2.95 -0.73	36.52 2.40 -0.28	32.02 2.15 0.00	30.68 2.03 0.00	25.85 1.69 0.00	23.16 1.47 0.00
MODEL_CITY_ENERGY 24167	19.82 0.16 0.00	18.00 -0.09 0.00	16.50 -0.29 0.00	15.63 -0.42 0.00	15.70 -0.34 0.00	16.33 -0.22 0.00	18.76 -0.06 0.00	19.99 -0.41 0.00	21.61 -0.55 0.00	22.11 -0.78 0.00	22.39 -0.62 0.00	23.15 -0.47 0.00	24.06 -0.34 0.00	25.45 -0.57 0.00	28.37 -0.79 0.00	28.07 -1.20 0.00	33.36 -1.72 0.00	36.63 -2.42 -0.05	35.36 -1.55 0.00	33.30 -0.54 0.00	29.33 -0.54 0.00	27.96 -0.69 0.00	23.51 -0.65 0.00	21.55 -0.13 0.00
MODERN_LFGE_ 323580	19.82 0.16 0.00	18.00 -0.09 0.00	16.50 -0.29 0.00	15.63 -0.42 0.00	15.70 -0.34 0.00	16.33 -0.22 0.00	18.76 -0.06 0.00	19.99 -0.41 0.00	21.61 -0.55 0.00	22.11 -0.78 0.00	22.39 -0.62 0.00	23.15 -0.47 0.00	24.06 -0.34 0.00	25.45 -0.57 0.00	28.37 -0.79 0.00	28.07 -1.20 0.00	33.36 -1.72 0.00	36.63 -2.42 -0.05	35.36 -1.55 0.00	33.30 -0.54 0.00	29.33 -0.54 0.00	27.96 -0.69 0.00	23.51 -0.65 0.00	21.55 -0.13 0.00
MOHAWK_PAPER___DRP 24187	20.43 0.77 0.00	18.74 0.65 0.00	17.42 0.64 0.00	16.70 0.66 0.00	16.67 0.63 0.00	17.18 0.63 0.00	19.63 0.81 0.00	21.23 0.84 0.00	23.01 0.84 0.00	23.79 0.89 0.00	23.96 0.94 0.00	24.57 0.94 0.00	25.34 1.00 0.06	26.93 1.09 0.19	29.83 1.28 0.61	29.99 1.32 0.60	35.66 1.72 1.14	40.72 2.14 0.41	38.17 1.99 0.73	35.25 1.69 0.28	31.45 1.58 0.00	30.17 1.52 0.00	25.34 1.18 0.00	22.68 1.00 0.00
MOHICAN__35_KV_115KV_LD 80490	20.84 1.18 0.00	19.12 1.03 0.00	17.70 0.92 0.00	16.99 0.95 0.00	16.94 0.90 0.00	17.51 0.96 0.00	19.95 1.13 0.00	21.66 1.26 0.00	23.47 1.31 0.00	24.22 1.33 0.00	24.28 1.27 0.00	24.87 1.25 0.00	25.63 1.29 0.07	26.96 1.14 0.21	29.88 1.40 0.67	30.05 1.43 0.66	35.79 1.96 1.25	41.23 2.53 0.30	38.87 2.77 0.81	36.22 2.67 0.30	32.44 2.57 0.00	31.06 2.41 0.00	25.99 1.84 0.00	23.18 1.50 0.00
MONGAUP___HYD 23641	20.64 0.98 0.00	18.91 0.81 0.00	17.57 0.79 0.00	16.80 0.75 0.00	16.76 0.72 0.00	17.29 0.75 0.00	19.78 0.96 0.00	21.43 1.04 0.00	23.36 1.20 0.00	24.20 1.30 0.00	24.35 1.33 0.00	24.94 1.32 0.00	25.80 1.34 -0.05	27.66 1.48 -0.16	31.38 1.72 -0.51	31.55 1.79 -0.50	38.42 2.39 -0.95	43.18 2.84 -1.35	40.03 2.51 -0.61	36.27 2.20 -0.23	31.78 1.91 0.00	30.46 1.81 0.00	25.63 1.47 0.00	22.96 1.28 0.00
MONTAUK___DIESEL 23721	22.28 2.61 0.00	20.41 2.32 0.00	18.73 1.95 0.00	18.18 2.13 0.00	18.17 2.13 0.00	18.66 2.12 0.00	21.21 2.39 0.00	23.19 2.79 0.00	25.33 3.17 0.00	28.10 3.46 -1.75	30.45 3.29 -4.14	32.48 3.47 -5.39	32.50 3.59 -4.51	33.27 3.83 -3.42	38.35 4.49 -4.71	43.02 4.71 -9.04	42.14 5.68 -1.38	47.49 6.47 -2.03	43.39 5.72 -0.76	39.03 4.91 -0.28	34.08 4.09 -0.11	33.15 3.84 -0.66	31.26 3.36 -3.75	24.67 2.97 -0.02
MOONROAD_115KV_HARTFLD_TB1-2 355988	20.56 0.90 0.00	18.65 0.56 0.00	17.07 0.29 0.00	16.17 0.13 0.00	16.28 0.24 0.00	16.96 0.41 0.00	19.53 0.72 0.00	21.11 0.71 0.00	22.92 0.75 0.00	23.53 0.64 0.00	23.82 0.81 0.00	24.42 0.80 0.00	25.43 1.03 0.00	27.01 0.99 0.00	30.03 0.87 0.00	30.26 1.00 0.00	35.96 0.88 0.00	39.29 0.23 -0.06	37.50 0.59 0.00	34.82 0.98 0.00	30.59 0.72 0.00	29.08 0.43 0.00	24.35 0.19 0.00	22.18 0.50 0.00
MORTIMER_115KV_TB3 55949	19.98 0.31 0.00	18.24 0.14 0.00	16.75 -0.03 0.00	15.93 -0.11 0.00	16.01 -0.03 0.00	16.58 0.03 0.00	19.01 0.19 0.00	20.41 0.02 0.00	22.19 0.02 0.00	22.78 -0.11 0.00	23.15 0.14 0.00	23.81 0.19 0.00	24.65 0.24 0.00	26.18 0.16 0.00	29.15 0.00 0.00	29.00 -0.26 0.00	34.63 -0.46 0.00	38.22 -0.82 -0.04	36.72 -0.18 0.00	34.25 0.41 0.00	30.17 0.30 0.00	28.82 0.17 0.00	24.18 0.02 0.00	21.99 0.30 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	20.98 1.32 0.00	19.21 1.12 0.00	17.81 1.02 0.00	17.09 1.04 0.00	17.02 0.98 0.00	17.52 0.98 0.00	20.08 1.26 0.00	21.82 1.43 0.00	23.80 1.64 0.00	24.82 1.92 0.00	24.99 1.98 0.00	25.65 2.03 0.00	26.62 2.15 -0.06	28.56 2.34 -0.19	32.42 2.65 -0.61	32.56 2.69 -0.60	39.56 3.33 -1.15	44.44 3.86 -1.59	40.82 3.17 -0.74	36.66 2.54 -0.28	32.14 2.27 0.00	30.83 2.18 0.00	26.02 1.86 0.00	23.26 1.58 0.00
MUNSVILLE_WIND_PWR 323609	21.12 1.45 0.00	19.34 1.25 0.00	18.04 1.26 0.00	17.09 1.04 0.00	17.08 1.04 0.00	17.66 1.11 0.00	20.36 1.54 0.00	21.94 1.55 0.00	23.83 1.66 0.00	24.34 1.44 0.00	24.57 1.45 -0.10	25.39 1.56 -0.21	26.31 1.64 -0.27	28.40 1.98 -0.40	32.18 2.39 -0.63	32.19 2.46 -0.46	38.76 3.05 -0.63	42.55 2.89 -0.67	40.83 3.32 -0.60	38.45 3.72 -0.89	33.84 3.32 -0.65	32.17 3.10 -0.42	26.54 2.27 -0.11	23.76 2.08 0.00
N SALMON___HYD 24042	19.64 -0.02 0.00	18.17 0.07 0.00	16.85 0.07 0.00	16.14 0.10 0.00	16.19 0.14 0.00	16.73 0.18 0.00	18.84 0.02 0.00	20.60 0.20 0.00	22.41 0.24 0.00	23.05 0.16 0.00	23.18 0.16 0.00	23.76 0.14 0.00	24.58 0.17 0.00	26.23 0.21 0.00	29.33 0.18 0.00	29.50 0.23 0.00	35.19 0.11 0.00	39.30 0.31 0.00	37.06 0.15 0.00	33.87 0.03 0.00	29.87 0.00 0.00	28.62 -0.03 0.00	24.21 0.05 0.00	21.64 -0.04 0.00
N.AKRON__115KV_KNAPP 355671	20.21 0.55 0.00	18.38 0.29 0.00	16.78 0.00 0.00	15.95 -0.10 0.00	16.06 0.02 0.00	16.66 0.12 0.00	19.18 0.36 0.00	20.52 0.12 0.00	22.23 0.07 0.00	22.76 -0.14 0.00	23.13 0.12 0.00	23.76 0.14 0.00	24.67 0.27 0.00	26.15 0.13 0.00	29.07 -0.09 0.00	28.92 -0.35 0.00	34.45 -0.63 0.00	37.87 -1.17 -0.05	36.58 -0.33 0.00	34.42 0.58 0.00	30.35 0.48 0.00	28.91 0.26 0.00	24.23 0.07 0.00	22.16 0.48 0.00
N.BELMOR_69_KV_BK1 55787	21.43 1.77 0.00	19.63 1.54 0.00	18.09 1.31 0.00	17.46 1.41 0.00	17.39 1.35 0.00	17.92 1.37 0.00	20.48 1.66 0.00	22.27 1.88 0.00	24.27 2.11 0.00	26.93 2.29 -1.75	29.43 2.28 -4.14	31.35 2.34 -5.39	31.38 2.46 -4.51	32.10 2.65 -3.42	36.89 3.03 -4.71	41.44 3.13 -9.04	40.32 3.86 -1.38	45.46 4.45 -2.03	41.47 3.80 -0.76	37.40 3.28 -0.28	32.73 2.75 -0.11	31.97 2.66 -0.66	30.20 2.29 -3.75	23.78 2.08 -0.02
N.E._GEN_SANDY PD 24062	20.55 0.89 0.00	18.87 0.78 0.00	17.50 0.72 0.00	16.80 0.75 0.00	16.76 0.72 0.00	17.27 0.73 0.00	19.70 0.88 0.00	21.27 0.88 0.00	23.10 0.93 0.00	23.92 1.03 0.00	24.12 1.10 0.00	24.71 1.09 0.00	25.08 1.15 0.47	25.83 1.22 1.41	26.00 1.37 4.52	26.25 1.43 4.45	28.40 1.82 8.50	32.54 2.22 8.67	33.31 1.88 5.48	33.28 1.52 2.08	31.25 1.37 0.00	29.97 1.32 0.00	25.27 1.11 0.00	22.63 0.95 0.00

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	20.78 1.12 0.00	19.02 0.92 0.00	17.65 0.87 0.00	16.93 0.88 0.00	16.88 0.83 0.00	17.41 0.86 0.00	19.91 1.09 0.00	21.64 1.24 0.00	23.58 1.42 0.00	24.52 1.63 0.00	24.72 1.70 0.00	25.37 1.75 0.00	26.29 1.83 -0.06	28.20 2.00 -0.18	32.02 2.30 -0.56	32.16 2.34 -0.55	39.09 2.95 -1.06	43.86 3.39 -1.48	40.43 2.84 -0.68	36.40 2.30 -0.26	31.90 2.03 0.00	30.60 1.95 0.00	25.78 1.62 0.00	23.07 1.39 0.00
N.QUEENS_27_KV_LOAD 356247	21.18 1.51 -0.01	19.40 1.30 -0.01	17.99 1.21 0.00	17.28 1.24 0.00	17.20 1.15 0.00	17.57 1.03 0.00	20.12 1.30 0.00	21.80 1.41 0.00	23.78 1.62 0.00	25.01 2.11 -0.01	25.16 2.14 -0.01	25.84 2.22 0.00	26.75 2.27 -0.07	28.67 2.45 -0.20	32.54 2.77 -0.62	32.69 2.81 -0.61	39.60 3.37 -1.16	44.41 3.82 -1.60	40.86 3.21 -0.74	36.62 2.50 -0.28	32.20 2.33 0.00	31.09 2.44 0.00	26.24 2.08 -0.01	23.48 1.80 0.00
N.TROY___115KV_TB1 355778	20.51 0.85 0.00	18.82 0.72 0.00	17.47 0.69 0.00	16.75 0.71 0.00	16.73 0.69 0.00	17.24 0.69 0.00	19.70 0.88 0.00	21.29 0.90 0.00	23.07 0.91 0.00	23.88 0.98 0.00	24.00 0.99 0.00	24.64 1.02 0.09	25.36 1.05 0.27	26.84 1.09 0.87	29.53 1.25 0.87	29.70 1.29 0.86	35.13 1.68 1.64	40.34 2.14 0.79	37.81 1.96 1.05	35.05 1.59 0.38	31.36 1.49 0.00	30.08 1.43 0.00	25.29 1.14 0.00	22.64 0.95 0.00
NARROWS_GT1_1 24228	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.19 1.14 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.21 2.19 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.66 2.89 -0.62	32.81 2.93 -0.61	39.93 3.68 -1.16	44.85 4.25 -1.60	41.12 3.47 -0.74	36.90 2.78 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
NARROWS_GT1_2 24229	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.19 1.14 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.21 2.19 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.66 2.89 -0.62	32.81 2.93 -0.61	39.93 3.68 -1.16	44.85 4.25 -1.60	41.12 3.47 -0.74	36.90 2.78 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
NARROWS_GT1_3 24230	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.19 1.14 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.21 2.19 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.66 2.89 -0.62	32.81 2.93 -0.61	39.93 3.68 -1.16	44.85 4.25 -1.60	41.12 3.47 -0.74	36.90 2.78 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
NARROWS_GT1_4 24231	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.19 1.14 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.21 2.19 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.66 2.89 -0.62	32.81 2.93 -0.61	39.93 3.68 -1.16	44.85 4.25 -1.60	41.12 3.47 -0.74	36.90 2.78 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
NARROWS_GT1_5 24232	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.19 1.14 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.21 2.19 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.66 2.89 -0.62	32.81 2.93 -0.61	39.93 3.68 -1.16	44.85 4.25 -1.60	41.12 3.47 -0.74	36.90 2.78 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
NARROWS_GT1_6 24233	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.19 1.14 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.21 2.19 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.66 2.89 -0.62	32.81 2.93 -0.61	39.93 3.68 -1.16	44.85 4.25 -1.60	41.12 3.47 -0.74	36.90 2.78 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
NARROWS_GT1_7 24234	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.19 1.14 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.21 2.19 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.66 2.89 -0.62	32.81 2.93 -0.61	39.93 3.68 -1.16	44.85 4.25 -1.60	41.12 3.47 -0.74	36.90 2.78 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
NARROWS_GT1_8 24235	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.19 1.14 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.21 2.19 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.66 2.89 -0.62	32.81 2.93 -0.61	39.93 3.68 -1.16	44.85 4.25 -1.60	41.12 3.47 -0.74	36.90 2.78 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
NARROWS_GT2_1 24236	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.19 1.14 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.21 2.19 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.66 2.89 -0.62	32.81 2.93 -0.61	39.93 3.68 -1.16	44.85 4.25 -1.60	41.12 3.47 -0.74	36.90 2.78 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
NARROWS_GT2_2 24237	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.19 1.14 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.21 2.19 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.66 2.89 -0.62	32.81 2.93 -0.61	39.93 3.68 -1.16	44.85 4.25 -1.60	41.12 3.47 -0.74	36.90 2.78 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
NARROWS_GT2_3 24238	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.19 1.14 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.21 2.19 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.66 2.89 -0.62	32.81 2.93 -0.61	39.93 3.68 -1.16	44.85 4.25 -1.60	41.12 3.47 -0.74	36.90 2.78 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
NARROWS_GT2_4 24239	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.19 1.14 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.21 2.19 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.66 2.89 -0.62	32.81 2.93 -0.61	39.93 3.68 -1.16	44.85 4.25 -1.60	41.12 3.47 -0.74	36.90 2.78 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00

NARROWS_GT2_5 24240	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.19 1.14 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.21 2.19 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.66 2.89 -0.62	32.81 2.93 -0.61	39.93 3.68 -1.16	44.85 4.25 -1.60	41.12 3.47 -0.74	36.90 2.78 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
NARROWS_GT2_6 24241	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.19 1.14 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.21 2.19 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.66 2.89 -0.62	32.81 2.93 -0.61	39.93 3.68 -1.16	44.85 4.25 -1.60	41.12 3.47 -0.74	36.90 2.78 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
NARROWS_GT2_7 24242	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.19 1.14 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.21 2.19 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.66 2.89 -0.62	32.81 2.93 -0.61	39.93 3.68 -1.16	44.85 4.25 -1.60	41.12 3.47 -0.74	36.90 2.78 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
NARROWS_GT2_8 24243	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.19 1.14 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.21 2.19 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.66 2.89 -0.62	32.81 2.93 -0.61	39.93 3.68 -1.16	44.85 4.25 -1.60	41.12 3.47 -0.74	36.90 2.78 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	20.60 0.94 0.00	18.91 0.81 0.00	17.55 0.77 0.00	16.85 0.80 0.00	16.79 0.75 0.00	17.34 0.79 0.00	19.72 0.90 0.00	21.35 0.96 0.00	23.10 0.93 0.00	23.88 0.98 0.00	23.96 0.94 0.00	24.59 0.97 0.00	25.55 1.17 0.03	27.19 1.25 0.08	30.39 1.49 0.25	30.51 1.49 0.25	36.68 2.07 0.47	41.66 2.61 -0.06	39.08 2.47 0.30	35.99 2.27 0.12	31.75 1.88 0.00	30.40 1.75 0.00	25.49 1.33 0.00	22.74 1.06 0.00
NCHELSEA_115KV_TR2 355582	20.88 1.22 0.00	19.12 1.03 0.00	17.74 0.96 0.00	17.01 0.96 0.00	16.96 0.91 0.00	17.47 0.93 0.00	19.97 1.15 0.00	21.68 1.28 0.00	23.65 1.49 0.00	24.56 1.67 0.00	24.72 1.70 0.00	25.37 1.75 0.00	26.28 1.83 -0.05	28.17 2.00 -0.15	31.98 2.36 -0.47	32.10 2.37 -0.46	39.01 3.05 -0.88	43.84 3.55 -1.30	40.50 3.03 -0.57	36.59 2.54 -0.21	32.11 2.24 0.00	30.77 2.12 0.00	25.87 1.72 0.00	23.18 1.50 0.00
NEG CAPITAL___MECHNVIL 23645	20.78 1.12 0.00	19.09 0.99 0.00	17.69 0.91 0.00	16.96 0.91 0.00	16.92 0.88 0.00	17.46 0.91 0.00	19.91 1.09 0.00	21.58 1.18 0.00	23.38 1.22 0.00	24.17 1.28 0.00	24.33 1.31 0.00	24.94 1.32 0.00	25.69 1.37 0.08	27.17 1.38 0.23	30.01 1.60 0.75	30.20 1.67 0.73	35.86 2.18 1.40	41.20 2.69 0.48	38.66 2.66 0.90	35.83 2.33 0.34	32.08 2.21 0.00	30.71 2.06 0.00	25.78 1.62 0.00	23.03 1.34 0.00
NEG CENTRAL_HIGH_ACRES 23767	19.58 -0.08 0.00	17.88 -0.22 0.00	16.48 -0.30 0.00	15.66 -0.39 0.00	15.74 -0.31 0.00	16.28 -0.27 0.00	18.69 -0.13 0.00	20.09 -0.31 0.00	21.85 -0.31 0.00	22.46 -0.44 0.00	22.76 -0.32 -0.06	23.54 -0.21 -0.13	24.38 -0.20 -0.17	26.07 -0.21 -0.25	29.26 -0.29 -0.40	29.05 -0.53 -0.31	34.80 -0.70 -0.42	38.26 -1.13 -0.40	36.83 -0.48 -0.40	34.37 -0.07 -0.60	30.22 -0.09 -0.44	28.74 -0.20 -0.29	23.89 -0.34 -0.07	21.60 -0.09 0.00
NEG CENTRAL___DRP 24199	20.01 0.35 0.00	18.29 0.20 0.00	16.92 0.13 0.00	16.09 0.05 0.00	16.15 0.11 0.00	16.73 0.18 0.00	19.16 0.34 0.00	20.66 0.27 0.00	22.45 0.29 0.00	23.08 0.18 0.00	23.40 0.23 -0.16	24.20 0.26 -0.32	25.11 0.29 -0.41	27.05 0.42 -0.62	30.53 0.41 -0.96	30.41 0.38 -0.76	36.53 0.42 -1.03	40.10 0.19 -0.91	38.55 0.66 -0.98	36.04 0.74 -1.45	31.57 0.63 -1.07	29.86 0.52 -0.69	24.60 0.27 -0.18	22.09 0.41 0.00
NEG CENTRAL___INDECK 23768	20.64 0.98 0.00	18.78 0.69 0.00	17.28 0.50 0.00	16.42 0.37 0.00	16.52 0.48 0.00	17.13 0.58 0.00	19.67 0.85 0.00	21.07 0.67 0.00	22.74 0.58 0.00	23.24 0.34 0.00	23.29 0.28 0.00	23.98 0.35 0.00	24.85 0.44 0.00	26.52 0.49 0.00	28.81 -0.35 0.00	28.68 -0.59 0.00	34.28 -0.81 0.00	37.96 -1.09 -0.06	37.02 0.11 0.00	34.52 0.68 0.00	30.53 0.66 0.00	29.11 0.46 0.00	25.10 0.94 0.00	22.77 1.08 0.00
NEG CENTRAL___SENECA 23627	20.13 0.47 0.00	18.38 0.29 0.00	17.00 0.22 0.00	16.14 0.10 0.00	16.20 0.16 0.00	16.79 0.25 0.00	19.29 0.47 0.00	20.78 0.39 0.00	22.59 0.42 0.00	23.19 0.30 0.00	23.49 0.39 -0.08	24.19 0.40 -0.17	25.09 0.46 -0.22	26.95 0.60 -0.33	30.22 0.55 -0.52	30.23 0.56 -0.40	36.22 0.60 -0.55	39.85 0.35 -0.51	38.35 0.92 -0.52	35.66 1.05 -0.77	31.30 0.87 -0.57	29.76 0.74 -0.37	24.69 0.43 -0.10	22.25 0.56 0.00
NEG CENTRAL___STATE_STREET 24147	20.17 0.51 0.00	18.47 0.38 0.00	16.97 0.18 0.00	16.27 0.22 0.00	16.31 0.27 0.00	16.86 0.31 0.00	19.16 0.34 0.00	20.68 0.29 0.00	22.50 0.33 0.00	23.15 0.25 0.00	23.53 0.30 -0.22	24.39 0.33 -0.44	25.32 0.34 -0.58	27.38 0.49 -0.86	31.03 0.52 -1.36	30.89 0.56 -1.07	37.13 0.60 -1.45	40.72 0.47 -1.26	39.07 0.78 -1.38	36.70 0.81 -2.05	32.03 0.66 -1.51	30.23 0.60 -0.98	24.77 0.36 -0.25	22.09 0.41 0.00
NEG MILLWOOD___DRP 24198	20.96 1.30 0.00	19.18 1.09 0.00	17.77 0.99 0.00	17.04 0.99 0.00	16.97 0.93 0.00	17.51 0.96 0.00	20.01 1.19 0.00	21.72 1.33 0.00	23.69 1.53 0.00	24.63 1.74 0.00	24.76 1.75 0.00	25.42 1.80 0.00	26.34 1.88 -0.06	28.27 2.08 -0.16	32.19 2.51 -0.53	32.30 2.52 -0.52	39.30 3.23 -0.99	44.12 3.70 -1.42	40.68 3.14 -0.64	36.72 2.64 -0.24	32.20 2.33 0.00	30.86 2.21 0.00	25.94 1.79 0.00	23.24 1.56 0.00
NEG NORTH_FLCN_SEA 23793	19.94 0.28 0.00	18.42 0.33 0.00	17.05 0.27 0.00	16.38 0.34 0.00	16.41 0.37 0.00	16.98 0.43 0.00	19.08 0.26 0.00	20.88 0.49 0.00	22.70 0.53 0.00	23.37 0.48 0.00	23.50 0.48 0.00	24.09 0.47 0.00	24.92 0.51 0.00	26.59 0.57 0.00	29.74 0.58 0.00	29.91 0.64 0.00	35.71 0.63 0.00	39.93 0.94 0.00	37.65 0.74 0.00	34.45 0.61 0.00	30.29 0.42 0.00	28.97 0.32 0.00	24.45 0.29 0.00	21.83 0.15 0.00
NEG NORTH_KES_CHATEGAY 23792	19.68 0.02 0.00	18.18 0.09 0.00	16.87 0.08 0.00	16.17 0.13 0.00	16.20 0.16 0.00	16.74 0.20 0.00	18.84 0.02 0.00	20.60 0.20 0.00	22.39 0.22 0.00	23.05 0.16 0.00	23.18 0.16 0.00	23.76 0.14 0.00	24.58 0.17 0.00	26.20 0.18 0.00	29.30 0.15 0.00	29.47 0.20 0.00	35.22 0.14 0.00	39.38 0.39 0.00	37.13 0.22 0.00	33.98 0.14 0.00	29.90 0.03 0.00	28.59 -0.06 0.00	24.16 0.00 0.00	21.57 -0.11 0.00

NEG NORTH___ALICE_FALLS 23915	19.92 0.26 0.00	18.40 0.31 0.00	17.03 0.25 0.00	16.35 0.30 0.00	16.39 0.35 0.00	16.96 0.41 0.00	19.06 0.24 0.00	20.86 0.47 0.00	22.67 0.51 0.00	23.35 0.46 0.00	23.45 0.44 0.00	24.05 0.43 0.00	24.89 0.49 0.00	26.57 0.55 0.00	29.71 0.55 0.00	29.88 0.61 0.00	35.68 0.60 0.00	39.93 0.94 0.00	37.68 0.78 0.00	34.45 0.61 0.00	30.29 0.42 0.00	28.97 0.32 0.00	24.45 0.29 0.00	21.83 0.15 0.00
NEG NORTH___LWR_SARANAC 23913	19.92 0.26 0.00	18.40 0.31 0.00	17.03 0.25 0.00	16.35 0.30 0.00	16.39 0.35 0.00	16.96 0.41 0.00	19.06 0.24 0.00	20.86 0.47 0.00	22.67 0.51 0.00	23.35 0.46 0.00	23.45 0.44 0.00	24.05 0.43 0.00	24.89 0.49 0.00	26.57 0.55 0.00	29.71 0.55 0.00	29.88 0.61 0.00	35.68 0.60 0.00	39.93 0.94 0.00	37.68 0.78 0.00	34.45 0.61 0.00	30.29 0.42 0.00	28.97 0.32 0.00	24.45 0.29 0.00	21.83 0.15 0.00
NEG NORTH___PLATTSBURG 23628	19.92 0.25 0.00	18.40 0.31 0.00	17.03 0.25 0.00	16.35 0.30 0.00	16.39 0.35 0.00	16.96 0.41 0.00	19.06 0.24 0.00	20.86 0.47 0.00	22.67 0.51 0.00	23.35 0.46 0.00	23.45 0.44 0.00	24.05 0.43 0.00	24.89 0.49 0.00	26.57 0.55 0.00	29.71 0.55 0.00	29.88 0.62 0.00	35.68 0.60 0.00	39.93 0.93 0.00	37.68 0.78 0.00	34.41 0.57 0.00	30.29 0.42 0.00	28.97 0.32 0.00	24.45 0.29 0.00	21.83 0.15 0.00
NEG WEST_LEA_LOCKPORT 23791	19.99 0.33 0.00	18.18 0.09 0.00	16.58 -0.20 0.00	15.76 -0.29 0.00	15.85 -0.19 0.00	16.46 -0.08 0.00	18.95 0.13 0.00	20.23 -0.16 0.00	21.88 -0.29 0.00	22.39 -0.50 0.00	22.81 -0.21 0.00	23.41 -0.21 0.00	24.33 -0.07 0.00	25.76 -0.26 0.00	28.60 -0.55 0.00	28.45 -0.82 0.00	33.82 -1.26 0.00	37.14 -1.91 -0.05	35.80 -1.11 0.00	33.74 -0.10 0.00	29.69 -0.18 0.00	28.31 -0.34 0.00	23.77 -0.39 0.00	21.81 0.13 0.00
NEG WEST___LANCASTR 23811	20.01 0.35 0.00	18.18 0.09 0.00	16.68 -0.10 0.00	15.82 -0.22 0.00	15.91 -0.13 0.00	16.58 0.03 0.00	19.03 0.21 0.00	20.41 0.02 0.00	22.05 -0.11 0.00	22.60 -0.30 0.00	22.42 -0.60 0.00	23.01 -0.61 0.00	23.89 -0.51 0.00	25.40 -0.62 0.00	28.31 -0.85 0.00	29.06 -0.20 0.00	34.63 -0.46 0.00	38.04 -1.01 -0.06	36.46 -0.44 0.00	34.04 0.20 0.00	29.96 0.09 0.00	28.54 -0.11 0.00	23.94 -0.22 0.00	21.88 0.20 0.00
NEG_PENN_ALLEGHNY 23528	20.15 0.49 0.00	18.44 0.34 0.00	17.07 0.29 0.00	16.27 0.22 0.00	16.31 0.27 0.00	16.86 0.31 0.00	19.29 0.47 0.00	20.84 0.45 0.00	22.63 0.47 0.00	23.31 0.41 0.00	23.52 0.41 -0.10	24.29 0.47 -0.19	25.17 0.51 -0.25	27.02 0.62 -0.38	30.44 0.70 -0.59	30.43 0.70 -0.46	36.52 0.81 -0.63	40.30 0.66 -0.65	38.39 0.88 -0.60	35.67 0.95 -0.88	31.33 0.81 -0.65	29.79 0.72 -0.42	24.77 0.51 -0.11	22.27 0.59 0.00
NEG___GEN_MONROE 24207	19.98 0.31 0.00	18.20 0.11 0.00	16.68 -0.10 0.00	15.90 -0.14 0.00	15.99 -0.05 0.00	16.56 0.02 0.00	19.01 0.19 0.00	20.39 0.00 0.00	22.16 0.00 0.00	22.73 -0.16 0.00	23.11 0.09 0.00	23.74 0.12 0.00	24.60 0.20 0.00	26.13 0.10 0.00	29.07 -0.09 0.00	28.89 -0.38 0.00	34.52 -0.56 0.00	38.02 -1.01 -0.04	36.54 -0.37 0.00	34.11 0.27 0.00	29.96 0.09 0.00	28.65 0.00 0.00	24.08 -0.07 0.00	21.94 0.26 0.00
NEPA___ENERGY 23901	20.27 0.61 0.00	18.42 0.33 0.00	16.87 0.08 0.00	16.05 0.00 0.00	16.14 0.10 0.00	16.81 0.26 0.00	19.25 0.43 0.00	20.70 0.31 0.00	22.45 0.29 0.00	22.98 0.09 0.00	23.29 0.28 0.00	23.90 0.28 0.00	24.77 0.37 0.00	26.31 0.29 0.00	29.21 0.06 0.00	29.41 0.15 0.00	35.05 -0.04 0.00	38.51 -0.55 -0.07	36.91 0.00 0.00	34.38 0.54 0.00	30.26 0.39 0.00	28.85 0.20 0.00	24.20 0.05 0.00	22.09 0.41 0.00
NEVERSINK___HYD 23608	20.43 0.77 0.00	18.71 0.62 0.00	17.32 0.54 0.00	16.64 0.59 0.00	16.59 0.55 0.00	17.09 0.55 0.00	19.50 0.68 0.00	21.15 0.76 0.00	23.10 0.93 0.00	24.01 1.12 0.00	24.19 1.17 0.00	24.80 1.18 0.00	25.68 1.24 -0.03	27.50 1.38 -0.10	31.15 1.66 -0.33	31.32 1.73 -0.33	38.02 2.31 -0.62	42.68 2.69 -1.00	39.60 2.29 -0.40	35.95 1.96 -0.15	31.57 1.70 0.00	30.25 1.60 0.00	25.44 1.28 0.00	22.77 1.08 0.00
NEWKRMKL_115KV_TB1 55635	20.21 0.55 0.00	18.54 0.45 0.00	17.27 0.49 0.00	16.56 0.51 0.00	16.51 0.47 0.00	17.01 0.46 0.00	19.38 0.56 0.00	20.96 0.57 0.00	22.67 0.51 0.00	23.49 0.60 0.00	23.64 0.62 0.00	24.26 0.64 0.00	25.03 0.68 0.06	26.57 0.73 0.18	29.46 0.87 0.57	29.65 0.94 0.56	35.21 1.19 1.06	40.16 1.56 0.39	37.55 1.33 0.68	34.66 1.08 0.27	30.89 1.02 0.00	29.62 0.97 0.00	24.93 0.77 0.00	22.31 0.63 0.00
NEWTON___FALLS_HYD 23847	19.44 -0.22 0.00	17.95 -0.14 0.00	16.66 -0.12 0.00	15.92 -0.13 0.00	15.91 -0.13 0.00	16.43 -0.12 0.00	18.59 -0.23 0.00	20.13 -0.27 0.00	21.90 -0.27 0.00	22.50 -0.39 0.00	22.70 -0.37 -0.06	23.36 -0.38 -0.12	24.17 -0.39 -0.15	25.91 -0.34 -0.23	29.16 -0.35 -0.36	29.26 -0.29 -0.29	35.01 -0.46 -0.39	38.61 -0.70 -0.32	36.80 -0.48 -0.37	34.25 -0.14 -0.55	30.18 -0.09 -0.40	28.91 0.00 -0.26	24.32 0.10 -0.07	21.75 0.07 0.00
NGRID_A1_DSASP 323792	19.58 -0.08 0.00	17.80 -0.29 0.00	16.28 -0.50 0.00	15.44 -0.61 0.00	15.51 -0.53 0.00	16.12 -0.43 0.00	18.57 -0.25 0.00	19.82 -0.57 0.00	21.43 -0.73 0.00	21.93 -0.96 0.00	22.23 -0.78 0.00	22.98 -0.64 0.00	23.87 -0.54 0.00	25.27 -0.76 0.00	28.13 -1.02 0.00	27.74 -1.52 0.00	32.94 -2.14 0.00	36.16 -2.88 -0.05	34.91 -1.99 0.00	32.96 -0.88 0.00	29.00 -0.87 0.00	27.68 -0.97 0.00	23.26 -0.89 0.00	21.38 -0.30 0.00
NGRID_A2_DSASP 323793	19.58 -0.08 0.00	17.80 -0.29 0.00	16.28 -0.50 0.00	15.44 -0.61 0.00	15.51 -0.53 0.00	16.12 -0.43 0.00	18.57 -0.25 0.00	19.82 -0.57 0.00	21.43 -0.73 0.00	21.93 -0.96 0.00	22.23 -0.78 0.00	22.98 -0.64 0.00	23.87 -0.54 0.00	25.27 -0.76 0.00	28.13 -1.02 0.00	27.74 -1.52 0.00	32.94 -2.14 0.00	36.16 -2.88 -0.05	34.91 -1.99 0.00	32.96 -0.88 0.00	29.00 -0.87 0.00	27.68 -0.97 0.00	23.26 -0.89 0.00	21.38 -0.30 0.00
NGRID_A4_DSASP 323807	19.58 -0.08 0.00	17.82 -0.27 0.00	16.38 -0.40 0.00	15.44 -0.61 0.00	15.51 -0.53 0.00	16.12 -0.43 0.00	18.57 -0.24 0.00	19.82 -0.57 0.00	21.43 -0.73 0.00	21.93 -0.96 0.00	22.37 -0.64 0.00	22.98 -0.64 0.00	23.87 -0.54 0.00	25.27 -0.75 0.00	28.02 -1.14 0.00	27.75 -1.52 0.00	32.94 -2.14 0.00	36.16 -2.89 -0.06	34.91 -1.99 0.00	32.93 -0.91 0.00	29.00 -0.87 0.00	27.68 -0.97 0.00	23.26 -0.89 0.00	21.38 -0.30 0.00
NIAGARA_115E_LBMP 323715	19.72 0.06 0.00	17.93 -0.16 0.00	16.41 -0.37 0.00	15.55 -0.50 0.00	15.64 -0.40 0.00	16.25 -0.30 0.00	18.67 -0.15 0.00	19.86 -0.53 0.00	21.48 -0.69 0.00	21.98 -0.92 0.00	22.26 -0.76 0.00	23.01 -0.61 0.00	23.89 -0.51 0.00	25.29 -0.73 0.00	28.16 -0.99 0.00	27.86 -1.40 0.00	33.12 -1.96 0.00	36.32 -2.73 -0.05	35.06 -1.84 0.00	33.06 -0.78 0.00	29.12 -0.75 0.00	27.76 -0.89 0.00	23.34 -0.82 0.00	21.42 -0.26 0.00

NIAGARA_115W_LBMP 323714	19.52 -0.14 0.00	17.75 -0.34 0.00	16.23 -0.55 0.00	15.39 -0.66 0.00	15.48 -0.56 0.00	16.07 -0.48 0.00	18.52 -0.30 0.00	19.76 -0.63 0.00	21.37 -0.80 0.00	21.86 -1.03 0.00	22.19 -0.83 0.00	22.91 -0.71 0.00	23.80 -0.61 0.00	25.19 -0.83 0.00	28.05 -1.11 0.00	27.66 -1.61 0.00	32.84 -2.25 0.00	36.04 -3.00 -0.05	34.81 -2.10 0.00	32.86 -0.98 0.00	28.91 -0.96 0.00	27.59 -1.06 0.00	23.19 -0.97 0.00	21.31 -0.37 0.00
NIAGARA_230_LBMP 323716	19.78 0.12 0.00	17.98 -0.11 0.00	16.46 -0.32 0.00	15.61 -0.43 0.00	15.69 -0.35 0.00	16.30 -0.25 0.00	18.76 -0.06 0.00	20.03 -0.37 0.00	21.66 -0.51 0.00	22.18 -0.71 0.00	22.46 -0.55 0.00	23.22 -0.40 0.00	24.09 -0.32 0.00	25.50 -0.52 0.00	28.40 -0.76 0.00	28.07 -1.20 0.00	33.33 -1.75 0.00	36.63 -2.42 -0.05	35.32 -1.59 0.00	33.30 -0.54 0.00	29.30 -0.57 0.00	27.96 -0.69 0.00	23.53 -0.63 0.00	21.60 -0.09 0.00
NIAGARA__115KV_198_GIBSON 55903	19.52 -0.14 0.00	17.77 -0.33 0.00	16.35 -0.44 0.00	15.39 -0.66 0.00	15.48 -0.56 0.00	16.07 -0.48 0.00	18.52 -0.30 0.00	19.76 -0.63 0.00	21.37 -0.80 0.00	21.86 -1.03 0.00	22.30 -0.71 0.00	22.91 -0.71 0.00	23.80 -0.61 0.00	25.19 -0.83 0.00	27.93 -1.22 0.00	27.66 -1.61 0.00	32.84 -2.25 0.00	36.04 -3.00 -0.06	34.80 -2.10 0.00	32.86 -0.98 0.00	28.91 -0.96 0.00	27.59 -1.06 0.00	23.19 -0.97 0.00	21.31 -0.37 0.00
NIAGARA____ 23760	19.60 -0.06 0.00	17.82 -0.27 0.00	16.31 -0.47 0.00	15.45 -0.59 0.00	15.54 -0.50 0.00	16.15 -0.40 0.00	18.59 -0.22 0.00	19.86 -0.53 0.00	21.50 -0.66 0.00	22.00 -0.89 0.00	22.30 -0.71 0.00	23.05 -0.57 0.00	23.94 -0.46 0.00	25.35 -0.68 0.00	28.25 -0.90 0.00	27.92 -1.35 0.00	33.19 -1.89 0.00	36.43 -2.61 -0.05	35.14 -1.77 0.00	33.10 -0.74 0.00	29.12 -0.75 0.00	27.79 -0.86 0.00	23.34 -0.82 0.00	21.38 -0.30 0.00
NINE_MILE_1 23575	19.31 -0.35 0.00	17.71 -0.38 0.00	16.43 -0.35 0.00	15.66 -0.39 0.00	15.69 -0.35 0.00	16.18 -0.36 0.00	18.48 -0.34 0.00	19.90 -0.49 0.00	21.61 -0.55 0.00	22.30 -0.60 0.00	21.02 -0.67 1.32	20.28 -0.66 2.68	20.25 -0.66 3.49	20.11 -0.68 5.23	20.17 -0.79 8.20	21.92 -0.82 6.53	25.20 -1.02 8.86	30.36 -1.21 7.43	27.48 -0.99 8.44	20.53 -0.84 12.47	19.94 -0.75 9.18	21.96 -0.75 5.95	21.93 -0.68 1.55	21.23 -0.46 0.00
NINE_MILE_2 23744	19.31 -0.35 0.00	17.73 -0.36 0.00	16.43 -0.35 0.00	15.68 -0.37 0.00	15.69 -0.35 0.00	16.20 -0.35 0.00	18.48 -0.34 0.00	19.90 -0.49 0.00	21.61 -0.55 0.00	22.30 -0.60 0.00	21.00 -0.67 1.34	20.24 -0.66 2.72	20.20 -0.66 3.55	20.03 -0.68 5.31	20.04 -0.79 8.33	21.82 -0.82 6.63	25.07 -1.02 8.99	30.24 -1.21 7.54	27.35 -0.99 8.56	20.34 -0.84 12.65	19.80 -0.75 9.32	21.87 -0.75 6.04	21.91 -0.68 1.57	21.23 -0.46 0.00
NM_CAPITAL____DRP 24208	20.27 0.61 0.00	18.58 0.49 0.00	17.30 0.52 0.00	16.59 0.55 0.00	16.55 0.51 0.00	17.06 0.51 0.00	19.42 0.60 0.00	20.98 0.59 0.00	22.72 0.55 0.00	23.53 0.64 0.00	23.68 0.67 0.00	24.31 0.69 0.00	25.07 0.73 0.06	26.61 0.78 0.19	29.47 0.93 0.62	29.63 0.97 0.61	35.18 1.26 1.16	40.08 1.60 0.51	37.56 1.40 0.75	34.70 1.15 0.29	30.95 1.08 0.00	29.68 1.03 0.00	24.95 0.80 0.00	22.35 0.67 0.00
NM_CENTRAL____DRP 24181	19.70 0.04 0.00	18.07 -0.02 0.00	16.73 -0.05 0.00	15.95 -0.10 0.00	15.98 -0.06 0.00	16.50 -0.05 0.00	18.86 0.04 0.00	20.33 -0.06 0.00	22.10 -0.07 0.00	22.80 -0.09 0.00	23.05 -0.09 -0.13	23.79 -0.09 -0.26	24.67 -0.07 -0.34	26.50 -0.03 -0.51	29.86 -0.09 -0.79	29.78 -0.12 -0.63	35.76 -0.18 -0.85	39.34 -0.39 -0.74	37.57 -0.15 -0.81	34.97 -0.07 -1.20	30.69 -0.06 -0.88	29.16 -0.06 -0.57	24.16 -0.14 -0.15	21.73 0.04 0.00
NM_FRONTIER____DRP 24179	19.52 -0.14 0.00	17.77 -0.33 0.00	16.35 -0.44 0.00	15.39 -0.66 0.00	15.48 -0.56 0.00	16.07 -0.48 0.00	18.52 -0.30 0.00	19.76 -0.63 0.00	21.37 -0.80 0.00	21.86 -1.03 0.00	22.30 -0.71 0.00	22.91 -0.71 0.00	23.80 -0.61 0.00	25.19 -0.83 0.00	27.93 -1.22 0.00	27.66 -1.61 0.00	32.84 -2.25 0.00	36.04 -3.00 -0.06	34.80 -2.10 0.00	32.86 -0.98 0.00	28.91 -0.96 0.00	27.59 -1.06 0.00	23.19 -0.97 0.00	21.31 -0.37 0.00
NM_ST_REGIS____HYD 24053	19.29 -0.37 0.00	17.84 -0.25 0.00	16.58 -0.20 0.00	15.85 -0.19 0.00	15.86 -0.18 0.00	16.38 -0.17 0.00	18.42 -0.40 0.00	20.07 -0.33 0.00	21.81 -0.35 0.00	22.46 -0.43 0.00	22.58 -0.44 0.00	23.17 -0.45 0.00	23.94 -0.46 0.00	25.55 -0.47 0.00	28.63 -0.52 0.00	28.80 -0.47 0.00	34.31 -0.77 0.00	38.09 -0.90 0.00	35.98 -0.92 0.00	33.06 -0.78 0.00	29.15 -0.72 0.00	28.05 -0.60 0.00	23.89 -0.27 0.00	21.40 -0.28 0.00
NORTHPORT____1 23551	21.38 1.71 -0.01	19.57 1.46 -0.01	18.01 1.22 0.00	17.43 1.38 -0.01	17.38 1.33 -0.01	17.89 1.34 -0.01	20.40 1.58 0.00	22.22 1.81 -0.01	24.21 2.04 -0.01	26.86 2.22 -1.75	29.34 2.19 -4.14	31.11 2.10 -5.39	31.11 2.20 -4.51	31.79 2.34 -3.43	36.64 2.77 -4.71	41.15 2.84 -9.04	39.94 3.47 -1.38	44.96 3.94 -2.03	41.00 3.32 -0.76	37.01 2.87 -0.29	32.38 2.39 -0.11	31.63 2.32 -0.66	30.08 2.17 -3.75	23.67 1.97 -0.02
NORTHPORT____2 23552	21.38 1.71 -0.01	19.57 1.46 -0.01	18.01 1.22 0.00	17.43 1.38 -0.01	17.38 1.33 -0.01	17.89 1.34 -0.01	20.40 1.58 0.00	22.22 1.81 -0.01	24.21 2.04 -0.01	26.86 2.22 -1.75	29.34 2.19 -4.14	31.11 2.10 -5.39	31.11 2.20 -4.51	31.79 2.34 -3.43	36.64 2.77 -4.71	41.15 2.84 -9.04	39.94 3.47 -1.38	44.96 3.94 -2.03	41.00 3.32 -0.76	37.01 2.87 -0.29	32.38 2.39 -0.11	31.63 2.32 -0.66	30.08 2.17 -3.75	23.67 1.97 -0.02
NORTHPORT____3 23553	21.52 1.85 -0.01	19.71 1.61 -0.01	18.14 1.36 0.00	17.53 1.48 -0.01	17.48 1.43 -0.01	18.01 1.46 -0.01	20.55 1.73 0.00	22.36 1.96 -0.01	24.39 2.22 -0.01	27.03 2.38 -1.75	29.55 2.39 -4.14	31.42 2.41 -5.39	31.46 2.54 -4.52	32.19 2.73 -3.43	37.02 3.15 -4.72	41.51 3.19 -9.05	40.37 3.89 -1.39	45.48 4.44 -2.04	41.48 3.80 -0.77	37.56 3.42 -0.30	32.83 2.84 -0.12	32.04 2.72 -0.67	30.27 2.37 -3.75	23.85 2.15 -0.02
NORTHPORT____4 23650	21.52 1.85 -0.01	19.71 1.61 -0.01	18.14 1.36 0.00	17.53 1.48 -0.01	17.48 1.43 -0.01	18.01 1.46 -0.01	20.55 1.73 0.00	22.36 1.96 -0.01	24.39 2.22 -0.01	27.03 2.38 -1.75	29.55 2.39 -4.14	31.42 2.41 -5.39	31.46 2.54 -4.52	32.19 2.73 -3.43	37.02 3.15 -4.72	41.51 3.19 -9.05	40.37 3.89 -1.39	45.48 4.44 -2.04	41.48 3.80 -0.77	37.56 3.42 -0.30	32.83 2.84 -0.12	32.04 2.72 -0.67	30.27 2.37 -3.75	23.85 2.15 -0.02
NORTHPORT____IC 23718	21.38 1.71 -0.01	19.57 1.46 -0.01	18.01 1.22 0.00	17.43 1.38 -0.01	17.38 1.33 -0.01	17.89 1.34 -0.01	20.40 1.58 0.00	22.22 1.81 -0.01	24.21 2.04 -0.01	26.86 2.22 -1.75	29.34 2.19 -4.14	31.11 2.10 -5.39	31.11 2.20 -4.51	31.79 2.34 -3.43	36.64 2.77 -4.71	41.15 2.84 -9.04	39.94 3.47 -1.38	44.96 3.94 -2.03	41.00 3.32 -0.76	37.01 2.87 -0.29	32.38 2.39 -0.11	31.63 2.32 -0.66	30.08 2.17 -3.75	23.67 1.97 -0.02

NORTH__COUNTRY_ESR 323785	19.62 -0.04 0.00	18.15 0.05 0.00	16.82 0.03 0.00	16.14 0.10 0.00	16.17 0.13 0.00	16.71 0.17 0.00	18.80 -0.02 0.00	20.56 0.16 0.00	22.36 0.20 0.00	23.03 0.14 0.00	23.15 0.14 0.00	23.74 0.12 0.00	24.55 0.15 0.00	26.18 0.16 0.00	29.27 0.12 0.00	29.44 0.18 0.00	35.19 0.11 0.00	39.30 0.31 0.00	37.06 0.15 0.00	33.84 0.00 0.00	29.81 -0.06 0.00	28.51 -0.14 0.00	24.08 -0.07 0.00	21.51 -0.17 0.00
NPX_GEN_1385_PROXY 323591	21.42 1.75 -0.01	19.60 1.50 -0.01	18.01 1.22 0.00	17.47 1.41 -0.01	17.41 1.36 -0.01	17.93 1.37 -0.01	20.40 1.58 0.00	22.22 1.81 -0.01	24.21 2.04 -0.01	26.86 2.22 -1.75	29.34 2.19 -4.14	31.11 2.10 -5.39	31.11 2.20 -4.51	31.79 2.34 -3.43	36.64 2.77 -4.71	41.15 2.84 -9.04	39.94 3.47 -1.38	44.96 3.94 -2.03	41.00 3.32 -0.76	37.01 2.87 -0.29	32.38 2.39 -0.11	31.63 2.32 -0.66	30.08 2.17 -3.75	23.67 1.97 -0.02
NPX_GEN_CSC 323557	21.32 1.65 -0.01	19.51 1.41 -0.01	17.96 1.17 0.00	17.45 1.40 -0.01	17.46 1.41 -0.01	17.91 1.36 -0.01	20.33 1.51 0.00	22.17 1.77 -0.01	24.19 2.02 -0.01	26.86 2.22 -1.75	29.25 2.09 -4.14	31.14 2.13 -5.39	31.16 2.24 -4.51	31.87 2.42 -3.43	36.81 2.94 -4.71	41.36 3.04 -9.05	40.15 3.68 -1.38	45.20 4.17 -2.03	41.22 3.54 -0.77	37.21 3.08 -0.29	32.55 2.57 -0.11	31.72 2.41 -0.66	30.12 2.22 -3.75	23.65 1.95 -0.02
NSINS_S_GLNS_FALLS 23858	20.84 1.18 0.00	19.12 1.03 0.00	17.70 0.92 0.00	16.99 0.95 0.00	16.94 0.90 0.00	17.51 0.96 0.00	19.95 1.13 0.00	21.66 1.26 0.00	23.47 1.31 0.00	24.22 1.33 0.00	24.26 1.24 0.00	24.85 1.23 0.00	25.61 1.27 0.07	26.91 1.09 0.21	29.86 1.37 0.66	30.02 1.40 0.65	35.77 1.93 1.24	41.21 2.50 0.28	38.84 2.73 0.80	36.22 2.67 0.29	32.44 2.57 0.00	31.06 2.41 0.00	25.99 1.84 0.00	23.18 1.50 0.00
NUCOR_STEEL__DRP 24197	20.05 0.39 0.00	18.38 0.29 0.00	17.02 0.23 0.00	16.19 0.14 0.00	16.25 0.21 0.00	16.78 0.23 0.00	19.18 0.36 0.00	20.70 0.31 0.00	22.50 0.33 0.00	23.15 0.25 0.00	23.53 0.28 -0.24	24.41 0.31 -0.48	25.32 0.29 -0.62	27.42 0.47 -0.93	31.08 0.47 -1.46	30.92 0.50 -1.16	37.18 0.53 -1.57	40.74 0.39 -1.36	39.10 0.70 -1.49	36.79 0.74 -2.21	32.12 0.63 -1.63	30.31 0.60 -1.05	24.79 0.36 -0.27	22.12 0.43 0.00
NUMBER_THREE_WT_PWR 323818	19.82 0.16 0.00	18.24 0.14 0.00	16.95 0.17 0.00	16.16 0.11 0.00	16.15 0.11 0.00	16.68 0.13 0.00	19.03 0.21 0.00	20.56 0.16 0.00	22.36 0.20 0.00	22.94 0.05 0.00	23.15 0.07 -0.07	23.86 0.09 -0.14	24.71 0.12 -0.19	26.56 0.26 -0.28	29.91 0.32 -0.44	29.99 0.38 -0.35	36.01 0.45 -0.47	39.66 0.27 -0.39	37.94 0.59 -0.45	35.48 0.98 -0.66	31.28 0.93 -0.49	29.85 0.89 -0.31	24.91 0.68 -0.08	22.29 0.61 0.00
NYISO_LBMP_REFERENCE 24008	19.66 0.00 0.00	18.09 0.00 0.00	16.78 0.00 0.00	16.05 0.00 0.00	16.04 0.00 0.00	16.55 0.00 0.00	18.82 0.00 0.00	20.39 0.00 0.00	22.16 0.00 0.00	22.89 0.00 0.00	23.01 0.00 0.00	23.62 0.00 0.00	24.41 0.00 0.00	26.02 0.00 0.00	29.15 0.00 0.00	29.27 0.00 0.00	35.08 0.00 0.00	38.99 0.00 0.00	36.91 0.00 0.00	33.84 0.00 0.00	29.87 0.00 0.00	28.65 0.00 0.00	24.16 0.00 0.00	21.68 0.00 0.00
NYPA_BRENTWD__GT 24164	21.63 1.97 -0.01	19.80 1.70 -0.01	18.21 1.43 0.00	17.63 1.57 -0.01	17.59 1.54 -0.01	18.11 1.55 -0.01	20.64 1.82 0.00	22.48 2.08 -0.01	24.52 2.35 -0.01	27.19 2.54 -1.75	29.64 2.49 -4.14	31.49 2.48 -5.39	31.53 2.61 -4.51	32.26 2.81 -3.43	37.19 3.32 -4.71	41.74 3.42 -9.05	40.60 4.14 -1.38	45.74 4.72 -2.04	41.73 4.06 -0.77	37.68 3.55 -0.29	32.94 2.96 -0.12	32.15 2.84 -0.66	30.46 2.56 -3.75	24.00 2.30 -0.02
NYPA_GOWANUS__GT5 24156	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.19 1.14 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.21 2.19 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.66 2.89 -0.62	32.81 2.93 -0.61	39.93 3.68 -1.16	44.85 4.25 -1.60	41.12 3.47 -0.74	36.90 2.78 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
NYPA_GOWANUS__GT6 24157	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.19 1.14 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.21 2.19 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.66 2.89 -0.62	32.81 2.93 -0.61	39.93 3.68 -1.16	44.85 4.25 -1.60	41.12 3.47 -0.74	36.90 2.78 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00
NYPA_HARLEM_RVR_GT1 24160	21.14 1.48 -0.01	19.39 1.28 -0.01	17.98 1.19 -0.01	17.26 1.20 -0.01	17.17 1.12 -0.01	17.54 0.99 0.00	20.08 1.26 0.00	21.78 1.39 0.00	23.73 1.57 0.01	24.96 2.06 -0.01	25.14 2.12 -0.01	25.79 2.17 0.00	26.72 2.24 -0.07	28.64 2.42 -0.20	32.49 2.71 -0.62	32.66 2.78 -0.61	39.54 3.30 -1.16	44.38 3.78 -1.60	40.67 3.03 -0.74	36.58 2.47 -0.27	32.17 2.30 0.00	31.03 2.38 0.00	26.19 2.03 -0.01	23.44 1.76 0.00
NYPA_HARLEM_RVR_GT2 24161	21.14 1.48 -0.01	19.39 1.28 -0.01	17.98 1.19 -0.01	17.26 1.20 -0.01	17.17 1.12 -0.01	17.54 0.99 0.00	20.08 1.26 0.00	21.78 1.39 0.00	23.73 1.57 0.01	24.96 2.06 -0.01	25.14 2.12 -0.01	25.79 2.17 0.00	26.72 2.24 -0.07	28.64 2.42 -0.20	32.49 2.71 -0.62	32.66 2.78 -0.61	39.54 3.30 -1.16	44.38 3.78 -1.60	40.67 3.03 -0.74	36.58 2.47 -0.27	32.17 2.30 0.00	31.03 2.38 0.00	26.19 2.03 -0.01	23.44 1.76 0.00
NYPA_KENT__GT 24152	21.12 1.45 -0.01	19.30 1.21 0.00	17.89 1.11 0.00	17.17 1.12 0.00	17.08 1.04 0.00	17.54 0.99 0.00	20.12 1.30 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.21 2.19 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.64 2.86 -0.62	32.78 2.90 -0.61	39.86 3.61 -1.16	44.77 4.17 -1.60	41.04 3.39 -0.74	36.83 2.71 -0.28	32.26 2.39 0.00	31.00 2.35 0.00	26.19 2.03 -0.01	23.42 1.74 0.00
NYPA_POUCH1__GT 24155	21.14 1.48 -0.01	19.30 1.21 0.00	17.89 1.11 0.00	17.15 1.11 0.00	17.05 1.01 0.00	17.47 0.93 0.00	20.04 1.22 0.00	21.76 1.37 0.00	23.74 1.57 0.00	24.88 1.97 -0.02	25.15 2.12 -0.02	25.70 2.08 0.00	26.72 2.24 -0.07	28.67 2.45 -0.20	32.58 2.80 -0.63	32.73 2.84 -0.62	39.83 3.58 -1.17	44.78 4.17 -1.61	41.05 3.39 -0.75	36.80 2.67 -0.29	32.21 2.33 0.00	30.95 2.29 0.00	26.19 2.03 -0.01	23.44 1.76 0.00
NYPA_VERNON__GT2 24162	21.09 1.42 -0.01	19.29 1.19 0.00	17.89 1.11 0.00	17.17 1.12 0.00	17.08 1.04 0.00	17.56 1.01 0.00	20.12 1.30 0.00	21.86 1.47 0.00	23.85 1.68 0.00	24.96 2.06 -0.01	25.21 2.19 -0.01	25.79 2.17 0.00	26.77 2.29 -0.07	28.72 2.50 -0.20	32.61 2.83 -0.62	32.75 2.87 -0.61	39.75 3.51 -1.16	44.65 4.05 -1.61	40.97 3.32 -0.74	36.80 2.67 -0.28	32.23 2.36 0.00	30.97 2.32 0.00	26.15 1.98 -0.01	23.39 1.71 0.00

NYPY_VERNON____GT3 24163	21.09	19.29	17.89	17.17	17.08	17.56	20.12	21.86	23.85	24.96	25.21	25.79	26.77	28.72	32.61	32.75	39.75	44.65	40.97	36.80	32.23	30.97	26.15	23.39
	1.42	1.19	1.11	1.12	1.04	1.01	1.30	1.47	1.68	2.06	2.19	2.17	2.29	2.50	2.83	2.87	3.51	4.05	3.32	2.67	2.36	2.32	1.98	1.71
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	-0.07	-0.20	-0.62	-0.61	-1.16	-1.61	-0.74	-0.28	0.00	0.00	-0.01	0.00
NYPY____ASTORIA_CC1 323568	21.08	19.29	17.89	17.17	17.08	17.54	20.10	21.84	23.80	24.94	25.19	25.77	26.75	28.70	32.55	32.72	39.72	44.61	40.90	36.73	32.20	30.94	26.15	23.37
	1.42	1.19	1.11	1.12	1.04	0.99	1.28	1.45	1.64	2.04	2.16	2.15	2.27	2.47	2.77	2.84	3.47	4.02	3.25	2.61	2.33	2.29	1.98	1.69
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	-0.07	-0.20	-0.62	-0.61	-1.16	-1.60	-0.74	-0.28	0.00	0.00	-0.01	0.00
NYPY____ASTORIA_CC2 323569	21.08	19.29	17.89	17.17	17.08	17.54	20.10	21.84	23.80	24.94	25.19	25.77	26.75	28.70	32.55	32.72	39.72	44.61	40.90	36.73	32.20	30.94	26.15	23.37
	1.42	1.19	1.11	1.12	1.04	0.99	1.28	1.45	1.64	2.04	2.16	2.15	2.27	2.47	2.77	2.84	3.47	4.02	3.25	2.61	2.33	2.29	1.98	1.69
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	-0.07	-0.20	-0.62	-0.61	-1.16	-1.60	-0.74	-0.28	0.00	0.00	-0.01	0.00
NYPY____HOLTSVILL 23794	21.50	19.67	18.09	17.55	17.52	18.03	20.49	22.32	24.35	27.03	29.41	31.28	31.31	32.00	36.92	41.45	40.22	45.24	41.25	37.28	32.67	31.86	30.27	23.80
	1.83	1.57	1.31	1.49	1.47	1.47	1.67	1.92	2.17	2.38	2.26	2.27	2.39	2.55	3.06	3.13	3.76	4.21	3.58	3.15	2.69	2.55	2.37	2.10
	-0.01	-0.01	0.00	-0.01	-0.01	-0.01	0.00	-0.01	-0.01	-1.75	-4.14	-5.39	-4.51	-3.43	-4.71	-9.05	-1.38	-2.03	-0.77	-0.29	-0.11	-0.66	-3.75	-0.02
NYPY____HELLGATE_GT1 24158	21.14	19.39	17.98	17.26	17.17	17.54	20.08	21.78	23.73	24.96	25.14	25.79	26.72	28.64	32.49	32.66	39.54	44.38	40.67	36.58	32.17	31.03	26.19	23.44
	1.48	1.28	1.19	1.20	1.12	0.99	1.26	1.39	1.57	2.06	2.12	2.17	2.24	2.42	2.71	2.78	3.30	3.78	3.03	2.47	2.30	2.38	2.03	1.76
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.01	-0.01	-0.01	0.00	-0.07	-0.20	-0.62	-0.61	-1.16	-1.60	-0.74	-0.27	0.00	0.00	-0.01	0.00
NYPY____HELLGATE_GT2 24159	21.14	19.39	17.98	17.26	17.17	17.54	20.08	21.78	23.73	24.96	25.14	25.79	26.72	28.64	32.49	32.66	39.54	44.38	40.67	36.58	32.17	31.03	26.19	23.44
	1.48	1.28	1.19	1.20	1.12	0.99	1.26	1.39	1.57	2.06	2.12	2.17	2.24	2.42	2.71	2.78	3.30	3.78	3.03	2.47	2.30	2.38	2.03	1.76
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.01	-0.01	-0.01	0.00	-0.07	-0.20	-0.62	-0.61	-1.16	-1.60	-0.74	-0.27	0.00	0.00	-0.01	0.00
NYS_BARGE____HYD 23848	19.99	18.17	16.65	15.76	15.85	16.46	18.93	20.21	21.88	22.39	22.65	23.41	24.33	25.76	28.72	28.45	33.82	37.13	35.84	33.74	29.72	28.34	23.79	21.81
	0.33	0.07	-0.13	-0.29	-0.19	-0.08	0.11	-0.18	-0.29	-0.50	-0.37	-0.21	-0.07	-0.26	-0.44	-0.82	-1.26	-1.91	-1.07	-0.10	-0.15	-0.31	-0.36	0.13
	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	-0.05	0.00	0.00	0.00	0.00	0.00	0.00
OAK ORCHARD____HYD 24046	19.97	18.22	16.75	15.93	16.01	16.58	19.01	20.41	22.19	22.78	23.06	23.81	24.65	26.18	29.24	29.00	34.62	38.21	36.72	34.25	30.17	28.82	24.18	21.99
	0.31	0.13	-0.03	-0.11	-0.03	0.03	0.19	0.02	0.02	-0.11	0.05	0.19	0.24	0.16	0.09	-0.26	-0.46	-0.82	-0.18	0.41	0.30	0.17	0.02	0.30
	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	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00
OAKDALE____35_KV_LOAD 356122	20.07	18.36	17.00	16.22	16.23	16.79	19.20	20.72	22.50	23.17	23.43	24.15	25.00	26.85	30.22	30.19	36.18	40.02	38.04	35.38	31.07	29.58	24.60	22.12
	0.41	0.27	0.22	0.18	0.19	0.25	0.38	0.33	0.33	0.27	0.32	0.33	0.34	0.44	0.47	0.47	0.49	0.39	0.55	0.68	0.57	0.52	0.34	0.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.20	-0.26	-0.38	-0.60	-0.45	-0.61	-0.64	-0.58	-0.86	-0.63	-0.41	-0.11	0.00
OCC_CHEM____DRP 24175	19.58	17.82	16.38	15.44	15.51	16.12	18.57	19.82	21.43	21.93	22.37	22.98	23.87	25.27	28.02	27.75	32.94	36.16	34.91	32.93	29.00	27.68	23.26	21.38
	-0.08	-0.27	-0.40	-0.61	-0.53	-0.43	-0.24	-0.57	-0.73	-0.96	-0.64	-0.64	-0.54	-0.75	-1.14	-1.52	-2.14	-2.89	-1.99	-0.91	-0.87	-0.97	-0.89	-0.30
	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	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	0.00	0.00	0.00	0.00
OH_GEN_PROXY 24063	19.78	17.98	16.46	15.61	15.70	16.31	18.78	20.05	21.70	22.21	22.51	23.24	24.11	25.53	28.45	28.13	33.43	36.74	35.43	33.37	29.36	28.02	23.55	21.60
	0.12	-0.11	-0.32	-0.43	-0.34	-0.23	-0.04	-0.35	-0.47	-0.69	-0.51	-0.38	-0.29	-0.50	-0.70	-1.14	-1.65	-2.30	-1.48	-0.47	-0.51	-0.63	-0.60	-0.09
	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	-0.05	0.00	0.00	0.00	0.00	0.00	0.00
OLIN_CORP_DRP 24177	19.76	17.97	16.35	15.56	15.66	16.27	18.69	19.90	21.52	22.02	22.44	23.05	23.94	25.35	28.13	27.92	33.19	36.40	35.14	33.13	29.18	27.82	23.38	21.46
	0.10	-0.13	-0.44	-0.48	-0.38	-0.28	-0.13	-0.49	-0.64	-0.87	-0.58	-0.57	-0.46	-0.68	-1.02	-1.35	-1.89	-2.65	-1.77	-0.71	-0.69	-0.83	-0.77	-0.22
	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	-0.06	0.00	0.00	0.00	0.00	0.00	0.00
OLIN_CORP_DSASP 323712	19.58	17.80	16.28	15.44	15.51	16.12	18.57	19.82	21.43	21.93	22.23	22.98	23.87	25.27	28.13	27.74	32.94	36.16	34.91	32.96	29.00	27.68	23.26	21.38
	-0.08	-0.29	-0.50	-0.61	-0.53	-0.43	-0.25	-0.57	-0.73	-0.96	-0.78	-0.64	-0.54	-0.76	-1.02	-1.52	-2.14	-2.88	-1.99	-0.88	-0.87	-0.97	-0.89	-0.30
	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	0.00	0.00	0.00	0.00	-0.05	0.00	0.00	0.00	0.00	0.00	0.00
ONEIDA_HERK_LFGE 323681	19.92	18.31	17.05	16.24	16.23	16.75	19.16	20.72	22.56	23.19	23.38	24.06	24.88	26.68	30.02	30.14	36.16	39.88	38.05	35.34	31.17	29.78	24.90	22.33
	0.25	0.22	0.27	0.19	0.19	0.20	0.34	0.33	0.40	0.30	0.32	0.35	0.37	0.49	0.61	0.67	0.81	0.66	0.88	1.12	1.02	0.94	0.70	0.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-0.08	-0.11	-0.16	-0.25	-0.20	-0.27	-0.23	-0.26	-0.38	-0.28	-0.18	-0.05	0.00
ONEIDA____115KV_TB4 55905	20.09	18.44	17.17	16.33	16.33	16.86	19.33	20.86	22.70	23.35	23.57	24.28	25.14	26.99	30.42	30.50	36.65	40.30	38.51	35.82	31.53	30.07	25.03	22.46
	0.43	0.34	0.39	0.29	0.29	0.31	0.51	0.47	0.53	0.46	0.48	0.52	0.56	0.70	0.85	0.91	1.12	0.94	1.18	1.35	1.19	1.12	0.80	0.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	-0.14	-0.18	-0.27	-0.42	-0.33	-0.45	-0.37	-0.43	-0.63	-0.46	-0.30	-0.08	0.00

ONONDAGA_REF_OCCRA 23987	19.78 0.12 0.00	18.11 0.02 0.00	16.78 0.00 0.00	16.00 -0.05 0.00	16.02 -0.02 0.00	16.55 0.00 0.00	18.91 0.09 0.00	20.41 0.02 0.00	22.19 0.02 0.00	22.87 -0.02 0.00	23.15 -0.02 -0.16	23.92 -0.02 -0.32	24.82 0.00 -0.42	26.72 0.08 -0.62	30.16 0.03 -0.98	30.07 0.03 -0.77	36.13 0.00 -1.05	39.71 -0.19 -0.91	37.94 0.04 -1.00	35.45 0.14 -1.47	31.04 0.09 -1.08	29.47 0.11 -0.70	24.32 -0.02 -0.18	21.81 0.13 0.00
ONONDAGA___COGEN 23986	19.82 0.16 0.00	18.16 0.07 0.00	16.83 0.05 0.00	16.03 -0.02 0.00	16.06 0.02 0.00	16.58 0.03 0.00	18.95 0.13 0.00	20.43 0.04 0.00	22.23 0.07 0.00	22.92 0.02 0.00	23.26 0.00 -0.24	24.11 0.00 -0.49	25.07 0.02 -0.64	27.12 0.13 -0.96	30.78 0.12 -1.51	30.55 0.09 -1.20	36.78 0.07 -1.62	40.27 -0.12 -1.40	38.57 0.11 -1.55	36.29 0.17 -2.29	31.67 0.12 -1.68	29.86 0.11 -1.09	24.44 0.00 -0.28	21.81 0.13 0.00
ONTARIO___LFGE 23819	20.13 0.47 0.00	18.36 0.27 0.00	17.00 0.22 0.00	16.14 0.10 0.00	16.20 0.16 0.00	16.79 0.25 0.00	19.29 0.47 0.00	20.78 0.39 0.00	22.58 0.42 0.00	23.19 0.30 0.00	23.42 0.32 -0.08	24.19 0.40 -0.17	25.09 0.46 -0.22	26.95 0.60 -0.33	30.28 0.61 -0.51	30.23 0.55 -0.40	36.22 0.60 -0.55	39.85 0.35 -0.51	38.35 0.92 -0.52	35.66 1.05 -0.77	31.30 0.87 -0.57	29.76 0.74 -0.37	24.69 0.44 -0.10	22.24 0.56 0.00
ORANGEVILLE_WT_PWR 323706	20.17 0.51 0.00	18.35 0.25 0.00	16.85 0.07 0.00	15.98 -0.06 0.00	16.07 0.03 0.00	16.69 0.15 0.00	19.18 0.36 0.00	20.58 0.18 0.00	22.28 0.11 0.00	22.82 -0.07 0.00	22.99 -0.02 0.00	23.72 0.09 0.00	24.62 0.22 0.00	26.18 0.16 0.00	29.18 0.03 0.00	29.18 -0.09 0.00	34.76 -0.32 0.00	38.20 -0.86 -0.07	36.65 -0.26 0.00	34.18 0.34 0.00	30.08 0.21 0.00	28.68 0.03 0.00	24.08 -0.07 0.00	21.99 0.30 0.00
ORANGEVILLE___ESR 323794	20.17 0.51 0.00	18.35 0.25 0.00	16.85 0.07 0.00	15.98 -0.06 0.00	16.07 0.03 0.00	16.69 0.15 0.00	19.18 0.36 0.00	20.58 0.18 0.00	22.28 0.11 0.00	22.82 -0.07 0.00	22.99 -0.02 0.00	23.72 0.09 0.00	24.62 0.22 0.00	26.18 0.16 0.00	29.18 0.03 0.00	29.18 -0.09 0.00	34.76 -0.32 0.00	38.20 -0.86 -0.07	36.65 -0.26 0.00	34.18 0.34 0.00	30.08 0.21 0.00	28.68 0.03 0.00	24.08 -0.07 0.00	21.99 0.30 0.00
OSWEGATCHIE___HYD 24044	19.44 -0.22 0.00	17.95 -0.15 0.00	16.67 -0.12 0.00	15.92 -0.13 0.00	15.91 -0.13 0.00	16.43 -0.12 0.00	18.59 -0.22 0.00	20.13 -0.27 0.00	21.90 -0.26 0.00	22.50 -0.39 0.00	22.70 -0.37 -0.06	23.36 -0.38 -0.12	24.17 -0.39 -0.15	25.91 -0.34 -0.23	29.16 -0.35 -0.36	29.26 -0.29 -0.29	35.01 -0.46 -0.39	38.62 -0.70 -0.32	36.80 -0.48 -0.37	34.25 -0.13 -0.55	30.18 -0.09 -0.40	28.91 0.00 -0.26	24.32 0.10 -0.07	21.75 0.07 0.00
OSWEGO___5 23606	19.44 -0.22 0.00	17.84 -0.25 0.00	16.53 -0.25 0.00	15.77 -0.27 0.00	15.80 -0.24 0.00	16.30 -0.25 0.00	18.61 -0.21 0.00	20.05 -0.35 0.00	21.79 -0.38 0.00	22.48 -0.41 0.00	23.55 -0.46 -0.99	25.18 -0.45 -2.01	26.57 -0.46 -2.63	29.51 -0.44 -3.93	34.79 -0.52 -6.16	33.61 -0.56 -4.90	41.03 -0.70 -6.65	43.67 -0.90 -5.58	42.54 -0.70 -6.34	42.66 -0.54 -9.36	36.26 -0.51 -6.90	32.63 -0.49 -4.47	24.84 -0.48 -1.16	21.40 -0.28 0.00
OSWEGO___6 23613	19.44 -0.22 0.00	17.84 -0.25 0.00	16.53 -0.25 0.00	15.77 -0.27 0.00	15.80 -0.24 0.00	16.30 -0.25 0.00	18.61 -0.21 0.00	20.05 -0.35 0.00	21.79 -0.38 0.00	22.48 -0.41 0.00	23.55 -0.46 -0.99	25.18 -0.45 -2.01	26.57 -0.46 -2.63	29.51 -0.44 -3.93	34.79 -0.52 -6.16	33.61 -0.56 -4.90	41.03 -0.70 -6.65	43.67 -0.90 -5.58	42.54 -0.70 -6.34	42.66 -0.54 -9.36	36.26 -0.51 -6.90	32.63 -0.49 -4.47	24.84 -0.48 -1.16	21.40 -0.28 0.00
OUTOKUMPU-AB___DRP 24206	20.09 0.43 0.00	18.27 0.18 0.00	16.75 -0.03 0.00	15.82 -0.22 0.00	15.91 -0.13 0.00	16.55 0.00 0.00	19.05 0.23 0.00	20.39 0.00 0.00	22.05 -0.11 0.00	22.57 -0.32 0.00	22.97 -0.05 0.00	23.60 -0.02 0.00	24.55 0.15 0.00	26.02 0.00 0.00	28.89 -0.26 0.00	28.80 -0.47 0.00	34.27 -0.81 0.00	37.53 -1.52 -0.06	36.17 -0.74 0.00	34.01 0.17 0.00	29.96 0.09 0.00	28.56 -0.09 0.00	23.96 -0.19 0.00	21.96 0.28 0.00
OXBOW____ 24026	19.88 0.22 0.00	18.06 -0.04 0.00	16.55 -0.23 0.00	15.66 -0.39 0.00	15.75 -0.29 0.00	16.36 -0.18 0.00	18.86 0.04 0.00	20.15 -0.24 0.00	21.79 -0.38 0.00	22.32 -0.57 0.00	22.60 -0.41 0.00	23.36 -0.26 0.00	24.31 -0.10 0.00	25.71 -0.31 0.00	28.66 -0.50 0.00	28.39 -0.88 0.00	33.75 -1.33 0.00	36.98 -2.07 -0.06	35.69 -1.22 0.00	33.60 -0.24 0.00	29.57 -0.30 0.00	28.19 -0.46 0.00	23.70 -0.46 0.00	21.73 0.04 0.00
OXY_CHEM_DSASP 323612	19.58 -0.08 0.00	17.82 -0.27 0.00	16.38 -0.40 0.00	15.44 -0.61 0.00	15.51 -0.53 0.00	16.12 -0.43 0.00	18.57 -0.24 0.00	19.82 -0.57 0.00	21.43 -0.73 0.00	21.93 -0.96 0.00	22.37 -0.64 0.00	22.98 -0.64 0.00	23.87 -0.54 0.00	25.27 -0.75 0.00	28.02 -1.14 0.00	27.75 -1.52 0.00	32.94 -2.14 0.00	36.16 -2.89 -0.06	34.91 -1.99 0.00	32.93 -0.91 0.00	29.00 -0.87 0.00	27.68 -0.97 0.00	23.26 -0.89 0.00	21.38 -0.30 0.00
OZONE_PARK_ESR 323760	21.14 1.47 0.00	19.34 1.25 0.00	17.92 1.14 0.00	17.20 1.16 0.00	17.12 1.07 0.00	17.62 1.08 0.00	20.23 1.41 0.00	22.00 1.61 0.00	24.00 1.84 0.00	25.05 2.15 0.00	25.22 2.21 0.00	25.89 2.27 0.00	26.89 2.42 -0.06	28.82 2.60 -0.19	32.74 2.97 -0.61	32.88 3.01 -0.60	39.95 3.72 -1.15	44.87 4.29 -1.59	41.23 3.58 -0.74	37.00 2.88 -0.28	32.44 2.57 0.00	31.11 2.46 0.00	26.23 2.08 0.00	23.46 1.78 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	19.58 -0.08 0.00	17.82 -0.27 0.00	16.38 -0.40 0.00	15.44 -0.61 0.00	15.51 -0.53 0.00	16.12 -0.43 0.00	18.57 -0.24 0.00	19.82 -0.57 0.00	21.43 -0.73 0.00	21.93 -0.96 0.00	22.37 -0.64 0.00	22.98 -0.64 0.00	23.87 -0.54 0.00	25.27 -0.75 0.00	28.02 -1.14 0.00	27.75 -1.52 0.00	32.94 -2.14 0.00	36.16 -2.89 -0.06	34.91 -1.99 0.00	32.93 -0.91 0.00	29.00 -0.87 0.00	27.68 -0.97 0.00	23.26 -0.89 0.00	21.38 -0.30 0.00
PACKARD___115KV_DUPONT_184 80571	19.58 -0.08 0.00	17.82 -0.27 0.00	16.38 -0.40 0.00	15.44 -0.61 0.00	15.51 -0.53 0.00	16.12 -0.43 0.00	18.57 -0.24 0.00	19.82 -0.57 0.00	21.43 -0.73 0.00	21.93 -0.96 0.00	22.37 -0.64 0.00	22.98 -0.64 0.00	23.87 -0.54 0.00	25.27 -0.75 0.00	28.02 -1.14 0.00	27.75 -1.52 0.00	32.94 -2.14 0.00	36.16 -2.89 -0.06	34.91 -1.99 0.00	32.93 -0.91 0.00	29.00 -0.87 0.00	27.68 -0.97 0.00	23.26 -0.89 0.00	21.38 -0.30 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	21.16 1.49 -0.01	19.37 1.27 -0.01	17.96 1.17 0.00	17.23 1.19 0.00	17.13 1.09 0.00	17.52 0.98 0.00	20.08 1.26 0.00	21.76 1.37 0.00	23.72 1.55 0.00	24.94 2.04 -0.01	25.12 2.09 -0.01	25.79 2.17 0.00	26.72 2.25 -0.07	28.64 2.42 -0.20	32.51 2.74 -0.62	32.66 2.78 -0.61	39.57 3.33 -1.16	44.45 3.86 -1.60	40.78 3.14 -0.74	36.59 2.47 -0.28	32.17 2.30 0.00	31.03 2.38 0.00	26.19 2.03 -0.01	23.44 1.76 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	21.30 1.63 -0.01	19.49 1.39 -0.01	18.19 1.41 0.00	17.33 1.28 0.00	17.26 1.22 0.00	17.69 1.14 0.00	20.33 1.51 0.00	22.05 1.65 0.00	24.05 1.88 0.00	25.26 2.36 -0.01	25.44 2.42 -0.01	26.13 2.50 0.00	27.06 2.59 -0.07	29.01 2.78 -0.20	32.92 3.15 -0.62	33.07 3.19 -0.61	40.10 3.86 -1.16	45.03 4.45 -1.60	41.34 3.69 -0.74	37.06 2.94 -0.28	32.56 2.69 0.00	31.40 2.75 0.00	26.53 2.37 -0.01	23.72 2.04 0.00
PATROON__115KV_TB1 80586	20.27 0.61 0.00	18.58 0.49 0.00	17.30 0.52 0.00	16.59 0.55 0.00	16.55 0.51 0.00	17.06 0.51 0.00	19.44 0.62 0.00	21.03 0.63 0.00	22.74 0.58 0.00	23.56 0.66 0.00	23.70 0.69 0.00	24.33 0.71 0.00	25.10 0.76 0.06	26.67 0.83 0.18	29.53 0.96 0.58	29.72 1.02 0.57	35.33 1.33 1.09	40.28 1.68 0.39	37.68 1.48 0.70	34.79 1.22 0.27	31.01 1.14 0.00	29.74 1.09 0.00	25.00 0.85 0.00	22.38 0.69 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	20.13 0.47 0.00	18.29 0.20 0.00	16.77 -0.02 0.00	15.90 -0.14 0.00	15.99 -0.05 0.00	16.65 0.10 0.00	19.12 0.30 0.00	20.52 0.12 0.00	22.19 0.02 0.00	22.73 -0.16 0.00	22.74 -0.28 0.00	23.34 -0.28 0.00	24.28 -0.12 0.00	25.79 -0.23 0.00	28.72 -0.44 0.00	29.21 -0.06 0.00	34.84 -0.25 0.00	38.20 -0.86 -0.06	36.69 -0.22 0.00	34.28 0.44 0.00	30.17 0.30 0.00	28.74 0.09 0.00	24.11 -0.05 0.00	22.03 0.35 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	20.96 1.30 0.00	19.18 1.09 0.00	17.77 0.99 0.00	17.04 0.99 0.00	16.97 0.93 0.00	17.51 0.96 0.00	20.01 1.19 0.00	21.72 1.33 0.00	23.69 1.53 0.00	24.63 1.74 0.00	24.76 1.75 0.00	25.42 1.80 0.00	26.34 1.88 -0.06	28.27 2.08 -0.16	32.19 2.51 -0.53	32.30 2.52 -0.52	39.30 3.23 -0.99	44.12 3.70 -1.42	40.68 3.14 -0.64	36.72 2.64 -0.24	32.20 2.33 0.00	30.86 2.21 0.00	25.94 1.79 0.00	23.24 1.56 0.00
PEEKSKILL____ 23653	20.80 1.14 0.00	19.05 0.96 0.00	17.65 0.87 0.00	16.96 0.91 0.00	16.89 0.85 0.00	17.42 0.88 0.00	19.93 1.11 0.00	21.64 1.24 0.00	23.58 1.42 0.00	24.54 1.65 0.00	24.76 1.75 0.00	25.37 1.75 0.00	26.30 1.83 -0.06	28.21 2.00 -0.19	32.06 2.30 -0.60	32.20 2.34 -0.59	39.16 2.95 -1.13	43.95 3.39 -1.57	40.48 2.84 -0.73	36.42 2.30 -0.28	31.90 2.03 0.00	30.60 1.95 0.00	25.78 1.62 0.00	23.07 1.39 0.00
PGE MADISON__WINDPWR 24146	21.12 1.45 0.00	19.34 1.25 0.00	18.04 1.26 0.00	17.09 1.04 0.00	17.08 1.04 0.00	17.66 1.11 0.00	20.36 1.54 0.00	21.94 1.55 0.00	23.83 1.66 0.00	24.34 1.44 0.00	24.57 1.45 -0.10	25.39 1.56 -0.21	26.31 1.64 -0.27	28.40 1.98 -0.40	32.18 2.39 -0.63	32.19 2.46 -0.46	38.76 3.05 -0.63	42.55 2.89 -0.67	40.83 3.32 -0.60	38.45 3.72 -0.89	33.84 3.32 -0.65	32.17 3.10 -0.42	26.54 2.27 -0.11	23.76 2.08 0.00
PIERCEFIELD__HYD 23852	19.17 -0.49 0.00	17.73 -0.36 0.00	16.50 -0.29 0.00	15.76 -0.29 0.00	15.77 -0.27 0.00	16.28 -0.26 0.00	18.31 -0.51 0.00	19.88 -0.51 0.00	21.63 -0.53 0.00	22.25 -0.64 0.00	22.39 -0.62 0.00	22.96 -0.66 0.00	23.75 -0.66 0.00	25.32 -0.70 0.00	28.40 -0.76 0.00	28.56 -0.70 0.00	34.03 -1.05 0.00	37.70 -1.29 0.00	35.65 -1.25 0.00	32.79 -1.05 0.00	28.94 -0.93 0.00	27.88 -0.77 0.00	23.79 -0.36 0.00	21.33 -0.35 0.00
PINELAWN_CC_1 323563	21.56 1.89 -0.01	19.75 1.65 -0.01	18.16 1.38 0.00	17.56 1.51 -0.01	17.51 1.46 -0.01	18.04 1.49 -0.01	20.57 1.75 0.00	22.38 1.98 -0.01	24.41 2.24 -0.01	27.05 2.40 -1.75	29.55 2.39 -4.14	31.39 2.38 -5.39	31.43 2.51 -4.51	32.16 2.71 -3.43	37.04 3.18 -4.71	41.59 3.28 -9.05	40.50 4.03 -1.38	45.63 4.60 -2.04	41.66 3.99 -0.77	37.62 3.49 -0.29	32.85 2.87 -0.12	32.06 2.75 -0.66	30.34 2.44 -3.75	23.89 2.19 -0.02
PJM_GEN_HTP_PROXY 323702	20.94 1.28 0.00	19.18 1.09 0.00	17.77 0.99 0.00	17.07 1.03 0.00	16.99 0.95 0.00	17.51 0.96 0.00	20.08 1.26 0.00	21.82 1.43 0.00	23.80 1.64 0.00	24.79 1.90 0.00	25.04 2.03 0.00	25.65 2.03 0.00	26.64 2.17 -0.06	28.56 2.34 -0.19	32.42 2.65 -0.62	32.59 2.72 -0.60	39.57 3.33 -1.15	44.45 3.86 -1.59	40.79 3.14 -0.74	36.69 2.57 -0.28	32.11 2.24 0.00	30.80 2.15 0.00	25.99 1.84 0.00	23.26 1.58 0.00
PJM_GEN_KEystone 24065	20.27 0.61 0.00	18.49 0.40 0.00	17.10 0.32 0.00	16.33 0.29 0.00	16.33 0.29 0.00	16.93 0.38 0.00	19.37 0.55 0.00	20.92 0.53 0.00	22.74 0.58 0.00	23.49 0.59 0.00	23.72 0.67 -0.04	24.43 0.73 -0.08	25.30 0.76 -0.13	27.08 0.81 -0.25	30.58 0.87 -0.56	30.67 0.91 -0.50	36.98 1.05 -0.85	41.16 1.09 -1.08	38.56 1.03 -0.62	35.38 1.05 -0.49	30.99 0.87 -0.25	29.59 0.77 -0.16	24.80 0.60 -0.04	22.35 0.67 0.00
PJM_GEN_NEPTUNE_PROXY 323594	21.24 1.57 -0.01	19.46 1.36 -0.01	17.96 1.17 0.00	17.32 1.27 -0.01	17.27 1.22 -0.01	17.79 1.24 -0.01	20.33 1.51 0.00	22.09 1.69 -0.01	24.08 1.91 -0.01	26.71 2.06 -1.75	29.25 2.09 -4.14	31.09 2.08 -5.39	31.11 2.20 -4.51	31.81 2.37 -3.42	36.60 2.74 -4.71	41.09 2.78 -9.04	39.90 3.44 -1.38	44.96 3.94 -2.03	40.99 3.32 -0.76	37.04 2.91 -0.29	32.37 2.39 -0.11	31.60 2.29 -0.66	29.93 2.03 -3.75	23.54 1.84 -0.02
PJM_GEN_VFT_PROXY 323633	20.88 1.22 0.00	19.12 1.03 0.00	17.74 0.96 0.00	17.02 0.98 0.00	16.92 0.88 0.00	17.44 0.89 0.00	20.03 1.21 0.00	21.76 1.37 0.00	23.74 1.57 0.00	24.77 1.88 0.00	24.99 1.98 0.00	25.61 1.98 0.00	26.57 2.10 -0.06	28.48 2.26 -0.19	32.30 2.54 -0.62	32.51 2.64 -0.60	39.39 3.16 -1.15	44.25 3.66 -1.59	40.60 2.95 -0.74	36.53 2.40 -0.28	31.99 2.12 0.00	30.68 2.03 0.00	25.92 1.76 0.00	23.18 1.49 0.00
PLATSBRG_115KV_PMLD1 355749	19.92 0.26 0.00	18.42 0.33 0.00	17.05 0.27 0.00	16.37 0.32 0.00	16.39 0.35 0.00	16.96 0.41 0.00	19.06 0.24 0.00	20.86 0.47 0.00	22.67 0.51 0.00	23.35 0.46 0.00	23.47 0.46 0.00	24.07 0.45 0.00	24.89 0.49 0.00	26.57 0.55 0.00	29.71 0.55 0.00	29.88 0.61 0.00	35.68 0.60 0.00	39.89 0.90 0.00	37.61 0.70 0.00	34.42 0.58 0.00	30.26 0.39 0.00	28.94 0.29 0.00	24.42 0.27 0.00	21.83 0.15 0.00
PLEASANTVLY__LBMP 24000	20.70 1.04 0.00	18.98 0.89 0.00	17.60 0.82 0.00	16.90 0.85 0.00	16.84 0.80 0.00	17.36 0.81 0.00	19.84 1.02 0.00	21.49 1.10 0.00	23.41 1.24 0.00	24.31 1.42 0.00	24.49 1.47 0.00	25.13 1.51 0.00	26.06 1.59 -0.07	27.96 1.72 -0.22	31.86 2.01 -0.69	31.96 2.02 -0.68	38.90 2.53 -1.30	43.72 2.96 -1.76	40.21 2.47 -0.83	36.15 2.00 -0.32	31.63 1.76 0.00	30.34 1.69 0.00	25.58 1.43 0.00	22.92 1.24 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	20.88 1.22 0.00	19.12 1.03 0.00	17.72 0.94 0.00	17.01 0.96 0.00	16.96 0.91 0.00	17.47 0.93 0.00	20.01 1.19 0.00	21.72 1.33 0.00	23.65 1.49 0.00	24.63 1.74 0.00	24.81 1.80 0.00	25.44 1.82 0.00	26.40 1.93 -0.06	28.32 2.11 -0.19	32.19 2.42 -0.62	32.33 2.46 -0.61	39.29 3.05 -1.16	44.14 3.55 -1.60	40.61 2.95 -0.75	36.56 2.44 -0.28	31.99 2.12 0.00	30.68 2.03 0.00	25.85 1.69 0.00	23.16 1.47 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	20.88 1.22 0.00	19.12 1.03 0.00	17.72 0.94 0.00	17.01 0.96 0.00	16.96 0.91 0.00	17.47 0.93 0.00	20.01 1.19 0.00	21.72 1.33 0.00	23.65 1.49 0.00	24.63 1.74 0.00	24.81 1.80 0.00	25.44 1.82 0.00	26.40 1.93 -0.06	28.32 2.11 -0.19	32.19 2.42 -0.62	32.33 2.46 -0.61	39.29 3.05 -1.16	44.14 3.55 -1.60	40.61 2.95 -0.75	36.56 2.44 -0.28	31.99 2.12 0.00	30.68 2.03 0.00	25.85 1.69 0.00	23.16 1.47 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	20.82 1.16 0.00	19.09 1.00 0.00	17.69 0.91 0.00	16.98 0.93 0.00	16.92 0.88 0.00	17.44 0.89 0.00	19.93 1.11 0.00	21.60 1.20 0.00	23.52 1.35 0.00	24.43 1.53 0.00	24.58 1.56 0.00	25.23 1.61 0.00	26.08 1.68 0.01	27.80 1.82 0.04	31.15 2.13 0.13	31.30 2.17 0.13	37.63 2.77 0.23	42.35 3.24 -0.12	39.49 2.73 0.15	36.05 2.27 0.06	31.87 2.00 0.00	30.57 1.92 0.00	25.73 1.57 0.00	23.05 1.37 0.00
POLETTI____ 23519	20.92 1.26 0.00	19.18 1.09 0.00	17.79 1.01 0.00	17.07 1.03 0.00	16.99 0.95 0.00	17.49 0.94 0.00	20.06 1.24 0.00	21.82 1.43 0.00	23.76 1.60 0.00	24.79 1.90 0.00	24.97 1.96 0.00	25.63 2.01 0.00	26.62 2.15 -0.06	28.53 2.32 -0.19	32.39 2.62 -0.61	32.53 2.66 -0.60	39.49 3.26 -1.15	44.36 3.78 -1.59	40.73 3.10 -0.72	36.58 2.47 -0.26	32.07 2.21 0.01	30.77 2.12 0.00	25.97 1.81 0.00	23.24 1.56 0.00
PORT_JEFF_3 23555	21.56 1.89 -0.01	19.73 1.63 -0.01	18.14 1.36 0.00	17.59 1.54 -0.01	17.57 1.52 -0.01	18.06 1.51 -0.01	20.53 1.71 0.00	22.38 1.98 -0.01	24.41 2.24 -0.01	27.10 2.45 -1.75	29.48 2.32 -4.14	31.37 2.36 -5.39	31.40 2.49 -4.51	32.13 2.68 -3.43	37.04 3.18 -4.71	41.59 3.28 -9.05	40.29 3.82 -1.38	45.12 4.09 -2.03	41.14 3.47 -0.77	37.28 3.15 -0.29	32.76 2.78 -0.11	31.94 2.63 -0.66	30.32 2.42 -3.75	23.85 2.15 -0.02
PORT_JEFF_4 23616	21.56 1.89 -0.01	19.73 1.63 -0.01	18.14 1.36 0.00	17.59 1.54 -0.01	17.57 1.52 -0.01	18.06 1.51 -0.01	20.53 1.71 0.00	22.38 1.98 -0.01	24.41 2.24 -0.01	27.10 2.45 -1.75	29.48 2.32 -4.14	31.37 2.36 -5.39	31.40 2.49 -4.51	32.13 2.68 -3.43	37.04 3.18 -4.71	41.59 3.28 -9.05	40.29 3.82 -1.38	45.12 4.09 -2.03	41.14 3.47 -0.77	37.28 3.15 -0.29	32.76 2.78 -0.11	31.94 2.63 -0.66	30.32 2.42 -3.75	23.85 2.15 -0.02
PORT_JEFF_IC 23713	21.60 1.93 -0.01	19.76 1.66 -0.01	18.16 1.38 0.00	17.63 1.57 -0.01	17.59 1.54 -0.01	18.09 1.54 -0.01	20.55 1.73 0.00	22.40 2.00 -0.01	24.46 2.28 -0.01	27.12 2.47 -1.75	29.53 2.37 -4.14	31.39 2.38 -5.39	31.45 2.54 -4.51	32.18 2.73 -3.43	37.10 3.24 -4.71	41.68 3.36 -9.05	40.32 3.86 -1.38	45.12 4.09 -2.04	41.14 3.47 -0.77	37.41 3.28 -0.29	32.82 2.84 -0.12	32.00 2.69 -0.66	30.37 2.47 -3.75	23.89 2.19 -0.02
PPL PILGRIM_ST_GT1 24216	21.63 1.97 -0.01	19.80 1.70 -0.01	18.21 1.43 0.00	17.63 1.57 -0.01	17.59 1.54 -0.01	18.11 1.55 -0.01	20.64 1.82 0.00	22.48 2.08 -0.01	24.52 2.35 -0.01	27.19 2.54 -1.75	29.64 2.49 -4.14	31.49 2.48 -5.39	31.53 2.61 -4.51	32.26 2.81 -3.43	37.19 3.32 -4.71	41.74 3.42 -9.05	40.60 4.14 -1.38	45.74 4.72 -2.04	41.73 4.06 -0.77	37.68 3.55 -0.29	32.94 2.96 -0.12	32.15 2.84 -0.66	30.46 2.56 -3.75	24.00 2.30 -0.02
PPL PILGRIM_ST_GT2 24217	21.63 1.97 -0.01	19.80 1.70 -0.01	18.21 1.43 0.00	17.63 1.57 -0.01	17.59 1.54 -0.01	18.11 1.55 -0.01	20.64 1.82 0.00	22.48 2.08 -0.01	24.52 2.35 -0.01	27.19 2.54 -1.75	29.64 2.49 -4.14	31.49 2.48 -5.39	31.53 2.61 -4.51	32.26 2.81 -3.43	37.19 3.32 -4.71	41.74 3.42 -9.05	40.60 4.14 -1.38	45.74 4.72 -2.04	41.73 4.06 -0.77	37.68 3.55 -0.29	32.94 2.96 -0.12	32.15 2.84 -0.66	30.46 2.56 -3.75	24.00 2.30 -0.02
PPL_SHRM_GT3 24213	21.32 1.65 -0.01	19.53 1.43 -0.01	17.97 1.19 0.00	17.45 1.40 -0.01	17.46 1.41 -0.01	17.91 1.36 -0.01	20.34 1.52 0.00	22.20 1.80 -0.01	24.21 2.04 -0.01	26.89 2.24 -1.75	29.25 2.09 -4.14	31.14 2.13 -5.39	31.16 2.24 -4.51	31.89 2.45 -3.43	36.81 2.94 -4.71	41.38 3.07 -9.05	40.18 3.72 -1.38	45.24 4.21 -2.03	41.25 3.58 -0.77	37.24 3.11 -0.29	32.58 2.60 -0.11	31.74 2.43 -0.66	30.15 2.25 -3.75	23.67 1.97 -0.02
PPL_SHRM_GT4 24214	21.32 1.65 -0.01	19.53 1.43 -0.01	17.97 1.19 0.00	17.45 1.40 -0.01	17.46 1.41 -0.01	17.91 1.36 -0.01	20.34 1.52 0.00	22.20 1.80 -0.01	24.21 2.04 -0.01	26.89 2.24 -1.75	29.25 2.09 -4.14	31.14 2.13 -5.39	31.16 2.24 -4.51	31.89 2.45 -3.43	36.81 2.94 -4.71	41.38 3.07 -9.05	40.18 3.72 -1.38	45.24 4.21 -2.03	41.25 3.58 -0.77	37.24 3.11 -0.29	32.58 2.60 -0.11	31.74 2.43 -0.66	30.15 2.25 -3.75	23.67 1.97 -0.02
PROJECT____ORANGE 1 24174	19.72 0.06 0.00	18.07 -0.02 0.00	16.75 -0.03 0.00	15.97 -0.08 0.00	15.99 -0.05 0.00	16.51 -0.03 0.00	18.88 0.06 0.00	20.35 -0.04 0.00	22.12 -0.04 0.00	22.82 -0.07 0.00	23.07 -0.07 -0.13	23.81 -0.07 -0.26	24.69 -0.05 -0.34	26.53 0.00 -0.51	29.89 -0.06 -0.79	29.81 -0.09 -0.63	35.79 -0.14 -0.85	39.38 -0.35 -0.74	37.61 -0.11 -0.81	35.00 -0.03 -1.20	30.69 -0.06 -0.88	29.19 -0.03 -0.57	24.18 -0.12 -0.15	21.75 0.07 0.00
PROJECT____ORANGE 2 24166	19.72 0.06 0.00	18.07 -0.02 0.00	16.75 -0.03 0.00	15.97 -0.08 0.00	15.99 -0.05 0.00	16.51 -0.03 0.00	18.88 0.06 0.00	20.35 -0.04 0.00	22.12 -0.04 0.00	22.82 -0.07 0.00	23.07 -0.07 -0.13	23.81 -0.07 -0.26	24.69 -0.05 -0.34	26.53 0.00 -0.51	29.89 -0.06 -0.79	29.81 -0.09 -0.63	35.79 -0.14 -0.85	39.38 -0.35 -0.74	37.61 -0.11 -0.81	35.00 -0.03 -1.20	30.69 -0.06 -0.88	29.19 -0.03 -0.57	24.18 -0.12 -0.15	21.75 0.07 0.00
PUCKETT____SOLAR 323809	20.33 0.67 0.00	18.58 0.49 0.00	17.25 0.47 0.00	16.43 0.38 0.00	16.44 0.40 0.00	17.01 0.46 0.00	19.46 0.64 0.00	20.96 0.57 0.00	22.72 0.55 0.00	23.35 0.46 0.00	23.52 0.41 -0.09	24.28 0.47 -0.19	25.14 0.49 -0.24	27.01 0.62 -0.37	30.49 0.76 -0.57	30.46 0.76 -0.44	36.62 0.95 -0.59	40.52 0.90 -0.63	38.65 1.18 -0.56	36.03 1.36 -0.83	31.68 1.20 -0.61	30.16 1.12 -0.40	25.06 0.80 -0.10	22.51 0.82 0.00
PYRITES____HYD 24023	19.33 -0.33 0.00	17.89 -0.20 0.00	16.70 -0.08 0.00	15.90 -0.14 0.00	15.90 -0.14 0.00	16.41 -0.13 0.00	18.54 -0.28 0.00	20.19 -0.20 0.00	21.99 -0.18 0.00	22.60 -0.30 0.00	22.74 -0.28 0.00	23.34 -0.28 0.00	24.14 -0.27 0.00	25.79 -0.23 0.00	28.92 -0.23 0.00	29.12 -0.15 0.00	34.70 -0.39 0.00	38.41 -0.58 0.00	36.35 -0.55 0.00	33.57 -0.27 0.00	29.66 -0.21 0.00	28.54 -0.11 0.00	24.25 0.10 0.00	21.68 0.00 0.00
QUAKERRD_115KV_BK1 80622	19.39 -0.28 0.00	17.71 -0.38 0.00	16.31 -0.47 0.00	15.52 -0.53 0.00	15.58 -0.47 0.00	16.12 -0.43 0.00	18.48 -0.34 0.00	19.84 -0.55 0.00	21.59 -0.58 0.00	22.18 -0.71 0.00	22.49 -0.53 0.00	23.13 -0.50 0.00	23.92 -0.49 0.00	25.45 -0.57 0.00	28.40 -0.76 0.00	28.30 -0.97 0.00	33.82 -1.26 0.00	37.36 -1.68 -0.04	35.84 -1.07 0.00	33.30 -0.54 0.00	29.36 -0.51 0.00	28.05 -0.60 0.00	23.50 -0.65 0.00	21.33 -0.35 0.00

QUENSBRY_I15KV_TB8 356137	20.86 1.20 0.00	19.14 1.05 0.00	17.70 0.92 0.00	17.01 0.96 0.00	16.96 0.91 0.00	17.52 0.98 0.00	19.95 1.13 0.00	21.68 1.28 0.00	23.49 1.33 0.00	24.24 1.35 0.00	24.28 1.27 0.00	24.87 1.25 0.00	25.61 1.27 0.07	26.91 1.09 0.20	29.84 1.34 0.65	30.00 1.38 0.64	35.79 1.93 1.22	41.23 2.50 0.26	38.89 2.77 0.79	36.26 2.71 0.29	32.50 2.63 0.00	31.11 2.46 0.00	26.02 1.86 0.00	23.18 1.50 0.00
RAMAPO____LBMP 323565	20.70 1.04 0.00	18.96 0.87 0.00	17.59 0.81 0.00	16.88 0.83 0.00	16.83 0.79 0.00	17.36 0.81 0.00	19.84 1.02 0.00	21.56 1.16 0.00	23.47 1.31 0.00	24.40 1.51 0.00	24.60 1.59 0.00	25.25 1.63 0.00	26.17 1.71 -0.06	28.07 1.87 -0.17	31.87 2.16 -0.56	32.01 2.20 -0.55	38.90 2.77 -1.05	43.65 3.20 -1.47	40.24 2.66 -0.68	36.23 2.13 -0.26	31.75 1.88 0.00	30.46 1.80 0.00	25.65 1.50 0.00	22.98 1.30 0.00
RANKINE____ 23646	20.19 0.53 0.00	18.36 0.27 0.00	16.82 0.03 0.00	15.93 -0.11 0.00	16.02 -0.02 0.00	16.66 0.12 0.00	19.16 0.34 0.00	20.54 0.14 0.00	22.21 0.04 0.00	22.76 -0.14 0.00	23.01 0.00 0.00	23.65 0.02 0.00	24.60 0.20 0.00	26.10 0.08 0.00	29.01 -0.15 0.00	29.09 -0.18 0.00	34.63 -0.46 0.00	38.00 -1.05 -0.06	36.54 -0.37 0.00	34.25 0.41 0.00	30.14 0.27 0.00	28.74 0.09 0.00	24.11 -0.05 0.00	22.07 0.39 0.00
RAVENSWOOD_GT2_1 24244	20.98 1.32 0.00	19.21 1.12 0.00	17.81 1.02 0.00	17.10 1.06 0.00	17.00 0.96 0.00	17.52 0.98 0.00	20.08 1.26 0.00	21.84 1.45 0.00	23.80 1.64 0.00	24.84 1.94 0.00	25.06 2.05 0.00	25.68 2.05 0.00	26.64 2.17 -0.06	28.56 2.34 -0.19	32.42 2.65 -0.62	32.59 2.72 -0.60	39.57 3.33 -1.15	44.45 3.86 -1.59	40.83 3.17 -0.74	36.69 2.57 -0.28	32.14 2.27 0.00	30.83 2.18 0.00	26.02 1.86 0.00	23.26 1.58 0.00
RAVENSWOOD_GT2_2 24245	20.98 1.32 0.00	19.21 1.12 0.00	17.81 1.02 0.00	17.10 1.06 0.00	17.00 0.96 0.00	17.52 0.98 0.00	20.08 1.26 0.00	21.84 1.45 0.00	23.80 1.64 0.00	24.84 1.94 0.00	25.06 2.05 0.00	25.68 2.05 0.00	26.64 2.17 -0.06	28.56 2.34 -0.19	32.42 2.65 -0.62	32.59 2.72 -0.60	39.57 3.33 -1.15	44.45 3.86 -1.59	40.83 3.17 -0.74	36.69 2.57 -0.28	32.14 2.27 0.00	30.83 2.18 0.00	26.02 1.86 0.00	23.26 1.58 0.00
RAVENSWOOD_GT2_3 24246	20.98 1.32 0.00	19.21 1.12 0.00	17.81 1.02 0.00	17.10 1.06 0.00	17.02 0.98 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.80 1.64 0.00	24.84 1.94 0.00	25.09 2.07 0.00	25.68 2.05 0.00	26.67 2.20 -0.06	28.58 2.37 -0.19	32.45 2.68 -0.62	32.62 2.75 -0.60	39.60 3.37 -1.15	44.48 3.90 -1.59	40.83 3.17 -0.74	36.69 2.57 -0.28	32.14 2.27 0.00	30.86 2.21 0.00	26.04 1.89 0.00	23.29 1.60 0.00
RAVENSWOOD_GT2_4 24247	20.98 1.32 0.00	19.21 1.12 0.00	17.81 1.02 0.00	17.10 1.06 0.00	17.02 0.98 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.80 1.64 0.00	24.84 1.94 0.00	25.09 2.07 0.00	25.68 2.05 0.00	26.67 2.20 -0.06	28.58 2.37 -0.19	32.45 2.68 -0.62	32.62 2.75 -0.60	39.60 3.37 -1.15	44.48 3.90 -1.59	40.83 3.17 -0.74	36.69 2.57 -0.28	32.14 2.27 0.00	30.86 2.21 0.00	26.04 1.89 0.00	23.29 1.60 0.00
RAVENSWOOD_GT3_1 24248	20.98 1.32 0.00	19.21 1.12 0.00	17.81 1.02 0.00	17.09 1.04 0.00	17.00 0.96 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.80 1.64 0.00	24.84 1.94 0.00	25.09 2.07 0.00	25.68 2.05 0.00	26.64 2.17 -0.06	28.58 2.37 -0.19	32.42 2.65 -0.62	32.59 2.72 -0.60	39.57 3.33 -1.15	44.45 3.86 -1.59	40.83 3.17 -0.74	36.69 2.57 -0.28	32.14 2.27 0.00	30.83 2.18 0.00	26.02 1.86 0.00	23.29 1.60 0.00
RAVENSWOOD_GT3_2 24249	20.98 1.32 0.00	19.21 1.12 0.00	17.81 1.02 0.00	17.09 1.04 0.00	17.00 0.96 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.80 1.64 0.00	24.84 1.94 0.00	25.09 2.07 0.00	25.68 2.05 0.00	26.64 2.17 -0.06	28.58 2.37 -0.19	32.42 2.65 -0.62	32.59 2.72 -0.60	39.57 3.33 -1.15	44.45 3.86 -1.59	40.83 3.17 -0.74	36.69 2.57 -0.28	32.14 2.27 0.00	30.83 2.18 0.00	26.02 1.86 0.00	23.29 1.60 0.00
RAVENSWOOD_GT3_3 24250	21.00 1.34 0.00	19.23 1.14 0.00	17.82 1.04 0.00	17.12 1.08 0.00	17.04 0.99 0.00	17.54 0.99 0.00	20.12 1.30 0.00	21.86 1.47 0.00	23.85 1.68 0.00	24.86 1.97 0.00	25.04 2.03 0.00	25.72 2.10 0.00	26.69 2.22 -0.06	28.61 2.39 -0.19	32.51 2.74 -0.61	32.65 2.78 -0.60	39.63 3.40 -1.15	44.52 3.94 -1.59	40.89 3.25 -0.74	36.73 2.61 -0.28	32.20 2.33 0.00	30.88 2.23 0.00	26.06 1.91 0.00	23.31 1.63 0.00
RAVENSWOOD_GT3_4 24251	21.00 1.34 0.00	19.23 1.14 0.00	17.82 1.04 0.00	17.12 1.08 0.00	17.04 0.99 0.00	17.54 0.99 0.00	20.12 1.30 0.00	21.86 1.47 0.00	23.85 1.68 0.00	24.86 1.97 0.00	25.11 2.09 0.00	25.70 2.08 0.00	26.69 2.22 -0.06	28.61 2.39 -0.19	32.48 2.71 -0.62	32.65 2.78 -0.60	39.64 3.40 -1.15	44.52 3.94 -1.59	40.90 3.25 -0.74	36.76 2.64 -0.28	32.17 2.30 0.00	30.89 2.24 0.00	26.06 1.91 0.00	23.31 1.63 0.00
RAVENSWOOD_GT_1 23729	21.09 1.42 -0.01	19.29 1.19 0.00	17.89 1.11 0.00	17.17 1.12 0.00	17.08 1.04 0.00	17.56 1.01 0.00	20.12 1.30 0.00	21.86 1.47 0.00	23.85 1.68 0.00	24.96 2.06 -0.01	25.21 2.19 -0.01	25.79 2.17 0.00	26.77 2.29 -0.07	28.72 2.50 -0.20	32.61 2.83 -0.62	32.75 2.87 -0.61	39.75 3.51 -1.16	44.65 4.05 -1.61	40.97 3.32 -0.74	36.80 2.67 -0.28	32.23 2.36 0.00	30.97 2.32 0.00	26.15 1.98 -0.01	23.39 1.71 0.00
RAVENSWOOD_GT_10 24258	20.96 1.30 0.00	19.20 1.10 0.00	17.81 1.02 0.00	17.09 1.04 0.00	17.00 0.96 0.00	17.51 0.96 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.80 1.64 0.00	24.84 1.95 0.00	24.99 1.98 0.00	25.68 2.06 0.00	26.64 2.17 -0.06	28.55 2.34 -0.19	32.45 2.68 -0.61	32.59 2.72 -0.60	39.56 3.33 -1.15	44.44 3.86 -1.58	40.82 3.17 -0.74	36.66 2.54 -0.28	32.14 2.27 0.00	30.83 2.18 0.00	26.02 1.86 0.00	23.26 1.58 0.00
RAVENSWOOD_GT_11 24259	20.96 1.30 0.00	19.20 1.10 0.00	17.81 1.02 0.00	17.09 1.04 0.00	17.00 0.96 0.00	17.51 0.96 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.80 1.64 0.00	24.84 1.94 0.00	25.06 2.05 0.00	25.68 2.05 0.00	26.64 2.17 -0.06	28.56 2.34 -0.19	32.42 2.65 -0.61	32.59 2.72 -0.60	39.57 3.33 -1.15	44.45 3.86 -1.59	40.83 3.17 -0.74	36.69 2.57 -0.28	32.14 2.27 0.00	30.83 2.18 0.00	26.02 1.86 0.00	23.26 1.58 0.00
RAVENSWOOD_GT_4 24252	20.95 1.30 0.01	19.20 1.10 0.00	17.79 1.01 0.00	17.09 1.04 0.00	17.00 0.96 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.80 1.64 0.00	24.81 1.92 0.01	24.99 1.98 0.01	25.65 2.03 0.00	26.61 2.15 -0.06	28.55 2.34 -0.19	32.44 2.68 -0.61	32.56 2.69 -0.60	39.56 3.33 -1.14	44.39 3.82 -1.58	40.78 3.14 -0.74	36.66 2.54 -0.28	32.14 2.27 0.00	30.83 2.18 0.00	25.99 1.84 0.01	23.26 1.58 0.00

RAVENSWOOD_GT_5 24254	20.95 1.30 0.01	19.20 1.10 0.00	17.79 1.01 0.00	17.09 1.04 0.00	17.00 0.96 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.80 1.64 0.00	24.81 1.92 0.01	24.99 1.98 0.01	25.65 2.03 0.00	26.61 2.15 -0.06	28.55 2.34 -0.19	32.44 2.68 -0.61	32.56 2.69 -0.60	39.56 3.33 -1.14	44.39 3.82 -1.58	40.78 3.14 -0.74	36.66 2.54 -0.28	32.14 2.27 0.00	30.83 2.18 0.00	25.99 1.84 0.01	23.26 1.58 0.00
RAVENSWOOD_GT_6 24253	20.95 1.30 0.01	19.20 1.10 0.00	17.79 1.01 0.00	17.09 1.04 0.00	17.00 0.96 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.80 1.64 0.00	24.81 1.92 0.01	24.99 1.98 0.01	25.65 2.03 0.00	26.61 2.15 -0.06	28.55 2.34 -0.19	32.44 2.68 -0.61	32.56 2.69 -0.60	39.56 3.33 -1.14	44.39 3.82 -1.58	40.78 3.14 -0.74	36.66 2.54 -0.28	32.14 2.27 0.00	30.83 2.18 0.00	25.99 1.84 0.01	23.26 1.58 0.00
RAVENSWOOD_GT_7 24255	20.95 1.30 0.01	19.20 1.10 0.00	17.79 1.01 0.00	17.09 1.04 0.00	17.00 0.96 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.80 1.64 0.00	24.81 1.92 0.01	24.99 1.98 0.01	25.65 2.03 0.00	26.61 2.15 -0.06	28.55 2.34 -0.19	32.44 2.68 -0.61	32.56 2.69 -0.60	39.56 3.33 -1.14	44.39 3.82 -1.58	40.78 3.14 -0.74	36.66 2.54 -0.28	32.14 2.27 0.00	30.83 2.18 0.00	25.99 1.84 0.01	23.26 1.58 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	20.96 1.30 0.00	19.20 1.10 0.00	17.81 1.02 0.00	17.09 1.04 0.00	17.00 0.96 0.00	17.51 0.96 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.80 1.64 0.00	24.84 1.95 0.00	24.99 1.98 0.00	25.68 2.06 0.00	26.64 2.17 -0.06	28.55 2.34 -0.19	32.45 2.68 -0.61	32.59 2.72 -0.60	39.56 3.33 -1.15	44.44 3.86 -1.58	40.82 3.17 -0.74	36.66 2.54 -0.28	32.14 2.27 0.00	30.83 2.18 0.00	26.02 1.86 0.00	23.26 1.58 0.00
RAVENSWOOD_GT_9 24257	20.96 1.30 0.00	19.20 1.10 0.00	17.81 1.02 0.00	17.09 1.04 0.00	17.00 0.96 0.00	17.51 0.96 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.80 1.64 0.00	24.84 1.94 0.00	25.06 2.05 0.00	25.68 2.05 0.00	26.64 2.17 -0.06	28.56 2.34 -0.19	32.42 2.65 -0.61	32.59 2.72 -0.60	39.57 3.33 -1.15	44.45 3.86 -1.59	40.83 3.17 -0.74	36.69 2.57 -0.28	32.14 2.27 0.00	30.83 2.18 0.00	26.02 1.86 0.00	23.26 1.58 0.00
RAVENSWOOD___1 23533	21.06 1.40 -0.01	19.29 1.19 0.00	17.87 1.09 0.00	17.15 1.11 0.00	17.07 1.03 0.00	17.54 0.99 0.00	20.12 1.30 0.00	21.86 1.47 0.00	23.83 1.66 0.00	24.94 2.04 -0.01	25.19 2.16 -0.01	25.77 2.15 0.00	26.77 2.29 -0.07	28.70 2.47 -0.20	32.58 2.80 -0.62	32.72 2.84 -0.61	39.75 3.51 -1.16	44.65 4.05 -1.60	40.93 3.28 -0.74	36.76 2.64 -0.28	32.20 2.33 0.00	30.94 2.29 0.00	26.15 1.98 -0.01	23.37 1.69 0.00
RAVENSWOOD___2 23534	21.06 1.40 -0.01	19.27 1.18 0.00	17.87 1.09 0.00	17.15 1.11 0.00	17.07 1.03 0.00	17.54 0.99 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.94 2.04 -0.01	25.19 2.16 -0.01	25.77 2.15 0.00	26.75 2.27 -0.07	28.70 2.47 -0.20	32.55 2.77 -0.62	32.72 2.84 -0.61	39.72 3.47 -1.16	44.61 4.02 -1.60	40.93 3.28 -0.74	36.76 2.64 -0.28	32.20 2.33 0.00	30.94 2.29 0.00	26.12 1.96 -0.01	23.35 1.67 0.00
RAVENSWOOD___3 23535	20.98 1.32 0.00	19.21 1.12 0.00	17.81 1.02 0.00	17.10 1.06 0.00	17.02 0.98 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.80 1.64 0.00	24.84 1.94 0.00	25.09 2.07 0.00	25.68 2.05 0.00	26.64 2.17 -0.06	28.58 2.37 -0.19	32.42 2.65 -0.62	32.59 2.72 -0.60	39.57 3.33 -1.15	44.45 3.86 -1.59	40.83 3.17 -0.74	36.69 2.57 -0.28	32.14 2.27 0.00	30.83 2.18 0.00	26.02 1.86 0.00	23.29 1.60 0.00
RAVENSWOOD___4 23820	21.06 1.40 -0.01	19.27 1.18 0.00	17.86 1.07 0.00	17.15 1.11 0.00	17.05 1.01 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.92 2.02 -0.01	25.16 2.14 -0.01	25.75 2.13 0.00	26.75 2.27 -0.07	28.67 2.45 -0.20	32.55 2.77 -0.62	32.72 2.84 -0.61	39.72 3.47 -1.16	44.61 4.02 -1.60	40.90 3.25 -0.74	36.73 2.61 -0.28	32.20 2.33 0.00	30.94 2.29 0.00	26.12 1.96 -0.01	23.35 1.67 0.00
RCPL_TRUST___DRP 24196	20.96 1.30 0.00	19.20 1.10 0.00	17.81 1.02 0.00	17.09 1.04 0.00	17.02 0.98 0.00	17.54 0.99 0.00	20.12 1.30 0.00	21.86 1.47 0.00	23.85 1.68 0.00	24.84 1.95 0.00	25.02 2.00 0.00	25.70 2.08 0.00	26.69 2.22 -0.06	28.61 2.39 -0.19	32.51 2.74 -0.61	32.65 2.78 -0.60	39.63 3.40 -1.15	44.52 3.94 -1.59	40.89 3.25 -0.74	36.73 2.61 -0.28	32.17 2.30 0.00	30.86 2.21 0.00	26.04 1.88 0.00	23.29 1.60 0.00
RED___ROCHESTER 323720	20.09 0.43 0.00	18.33 0.23 0.00	16.83 0.05 0.00	16.01 -0.03 0.00	16.09 0.05 0.00	16.66 0.12 0.00	19.10 0.28 0.00	20.54 0.14 0.00	22.32 0.16 0.00	22.94 0.05 0.00	23.22 0.21 0.00	23.98 0.35 0.00	24.82 0.41 0.00	26.36 0.34 0.00	29.45 0.29 0.00	29.24 -0.03 0.00	34.91 -0.17 0.00	38.53 -0.51 -0.04	37.06 0.15 0.00	34.55 0.71 0.00	30.44 0.57 0.00	29.05 0.40 0.00	24.35 0.19 0.00	22.14 0.46 0.00
REGAN___SOLAR 323812	21.69 2.03 0.00	19.90 1.81 0.00	18.66 1.88 0.00	17.67 1.62 0.00	17.60 1.56 0.00	18.23 1.69 0.00	21.08 2.26 0.00	22.82 2.43 0.00	24.54 2.37 0.00	25.00 2.10 0.00	25.18 2.16 0.00	25.75 2.13 0.00	26.58 2.22 0.05	28.20 2.32 0.13	31.46 2.74 0.43	31.74 2.90 0.42	38.20 3.93 0.81	44.05 4.95 -0.10	41.74 5.35 0.52	38.75 5.11 0.20	34.74 4.87 0.00	33.26 4.61 0.00	27.71 3.55 0.00	24.61 2.93 0.00
RENSSELAER___COGEN 23796	20.17 0.51 0.00	18.53 0.43 0.00	17.24 0.45 0.00	16.53 0.48 0.00	16.49 0.45 0.00	16.98 0.43 0.00	19.35 0.53 0.00	20.90 0.51 0.00	22.63 0.47 0.00	23.44 0.55 0.00	23.61 0.60 0.00	24.19 0.57 0.00	24.98 0.63 0.06	26.52 0.68 0.18	29.38 0.79 0.56	29.56 0.85 0.55	35.11 1.09 1.06	39.94 1.40 0.45	37.44 1.22 0.68	34.56 0.98 0.26	30.80 0.93 0.00	29.54 0.89 0.00	24.86 0.70 0.00	22.24 0.56 0.00
REPUBLIC_115KV_BARTNBRK 55605	21.88 2.22 0.00	20.08 1.99 0.00	18.64 1.86 0.00	17.83 1.78 0.00	17.74 1.70 0.00	18.40 1.85 0.00	21.08 2.26 0.00	23.07 2.67 0.00	24.94 2.77 0.00	25.64 2.75 0.00	25.78 2.76 0.00	26.34 2.72 0.00	26.97 2.64 0.07	28.34 2.52 0.21	31.53 3.03 0.66	31.75 3.13 0.65	37.95 4.10 1.24	43.75 5.03 0.28	41.54 5.43 0.80	38.66 5.11 0.29	34.98 5.11 0.00	33.46 4.81 0.00	27.90 3.74 0.00	24.70 3.01 0.00
REVERE_CPPR_DRP 24186	20.15 0.49 0.00	18.51 0.42 0.00	17.27 0.49 0.00	16.40 0.35 0.00	16.39 0.35 0.00	16.93 0.38 0.00	19.42 0.60 0.00	20.98 0.59 0.00	22.85 0.69 0.00	23.47 0.57 0.00	23.67 0.60 -0.06	24.38 0.64 -0.12	25.27 0.71 -0.16	27.14 0.88 -0.24	30.57 1.05 -0.37	30.70 1.14 -0.29	36.88 1.40 -0.40	40.53 1.21 -0.33	38.76 1.48 -0.38	36.12 1.73 -0.56	31.83 1.55 -0.41	30.38 1.46 -0.27	25.29 1.06 -0.07	22.68 1.00 0.00

REYNOLDS_115KV_TB3 80639	20.33 0.67 0.00	18.64 0.54 0.00	17.34 0.55 0.00	16.64 0.59 0.00	16.59 0.55 0.00	17.09 0.55 0.00	19.46 0.64 0.00	21.01 0.61 0.00	22.76 0.60 0.00	23.58 0.69 0.00	23.73 0.71 0.00	24.35 0.73 0.00	25.09 0.76 0.07	26.65 0.83 0.21	29.45 0.96 0.67	29.60 1.00 0.66	35.12 1.30 1.26	40.00 1.64 0.63	37.50 1.40 0.81	34.71 1.18 0.32	30.98 1.11 0.00	29.71 1.06 0.00	25.00 0.85 0.00	22.40 0.72 0.00
RIVERBAY____ 323610	21.30 1.63 -0.01	19.49 1.39 -0.01	18.19 1.41 0.00	17.33 1.28 0.00	17.26 1.22 0.00	17.69 1.14 0.00	20.33 1.51 0.00	22.05 1.65 0.00	24.05 1.88 0.00	25.26 2.36 -0.01	25.44 2.42 -0.01	26.13 2.50 0.00	27.06 2.59 -0.07	29.01 2.78 -0.20	32.92 3.15 -0.62	33.07 3.19 -0.61	40.10 3.86 -1.16	45.03 4.45 -1.60	41.34 3.69 -0.74	37.06 2.94 -0.28	32.56 2.69 0.00	31.40 2.75 0.00	26.53 2.37 -0.01	23.72 2.04 0.00
RIVERSDE_115KV_TB3 55908	20.27 0.61 0.00	18.58 0.49 0.00	17.30 0.52 0.00	16.59 0.55 0.00	16.55 0.51 0.00	17.06 0.51 0.00	19.42 0.60 0.00	20.98 0.59 0.00	22.72 0.55 0.00	23.53 0.64 0.00	23.68 0.67 0.00	24.31 0.69 0.00	25.07 0.73 0.06	26.61 0.78 0.19	29.47 0.93 0.62	29.63 0.97 0.61	35.18 1.26 1.16	40.08 1.60 0.51	37.56 1.40 0.75	34.70 1.15 0.29	30.95 1.08 0.00	29.68 1.03 0.00	24.95 0.80 0.00	22.35 0.67 0.00
ROARING____BROOK_WT_PWR 323790	19.33 -0.33 0.00	17.84 -0.25 0.00	16.55 -0.23 0.00	15.79 -0.26 0.00	15.75 -0.29 0.00	16.27 -0.28 0.00	18.44 -0.38 0.00	20.11 -0.29 0.00	21.88 -0.29 0.00	22.59 -0.30 0.00	22.71 -0.30 0.00	23.31 -0.31 0.00	24.09 -0.32 0.00	25.66 -0.36 0.00	28.72 -0.44 0.00	28.86 -0.41 0.00	34.56 -0.53 0.00	38.45 -0.55 0.00	36.35 -0.55 0.00	33.26 -0.58 0.00	29.30 -0.57 0.00	28.08 -0.57 0.00	23.72 -0.43 0.00	21.23 -0.46 0.00
ROCHESRG_115KV_T4 355643	19.88 0.22 0.00	18.15 0.05 0.00	16.68 -0.10 0.00	15.87 -0.18 0.00	15.94 -0.10 0.00	16.50 -0.05 0.00	18.93 0.11 0.00	20.33 -0.06 0.00	22.08 -0.09 0.00	22.69 -0.21 0.00	23.04 0.02 0.00	23.69 0.07 0.00	24.53 0.12 0.00	26.07 0.05 0.00	29.04 -0.12 0.00	28.86 -0.41 0.00	34.45 -0.63 0.00	38.02 -1.01 -0.04	36.54 -0.37 0.00	34.04 0.20 0.00	29.99 0.12 0.00	28.65 0.00 0.00	24.06 -0.10 0.00	21.88 0.20 0.00
ROCHESTER_9_IC 23652	19.99 0.33 0.00	18.26 0.16 0.00	16.77 -0.02 0.00	15.95 -0.10 0.00	16.02 -0.02 0.00	16.60 0.05 0.00	19.03 0.21 0.00	20.45 0.06 0.00	22.23 0.07 0.00	22.82 -0.07 0.00	23.18 0.16 0.00	23.86 0.24 0.00	24.67 0.27 0.00	26.23 0.21 0.00	29.21 0.06 0.00	29.06 -0.20 0.00	34.70 -0.39 0.00	38.29 -0.74 -0.04	36.80 -0.11 0.00	34.31 0.47 0.00	30.23 0.36 0.00	28.88 0.23 0.00	24.20 0.05 0.00	22.01 0.33 0.00
ROCKVIEW_13_KV_LD 356306	20.96 1.30 0.00	19.20 1.10 0.00	17.77 0.99 0.00	17.07 1.03 0.00	17.00 0.96 0.00	17.52 0.98 0.00	20.08 1.26 0.00	21.82 1.43 0.00	23.78 1.62 0.00	24.77 1.88 0.00	24.97 1.96 0.00	25.63 2.01 0.00	26.59 2.12 -0.06	28.50 2.29 -0.19	32.39 2.62 -0.61	32.53 2.66 -0.60	39.56 3.33 -1.15	44.40 3.82 -1.59	40.86 3.21 -0.74	36.73 2.61 -0.28	32.20 2.33 0.00	30.86 2.21 0.00	25.99 1.84 0.00	23.26 1.58 0.00
ROME____115KV_TB2 80656	20.15 0.49 0.00	18.51 0.42 0.00	17.27 0.49 0.00	16.40 0.35 0.00	16.39 0.35 0.00	16.93 0.38 0.00	19.42 0.60 0.00	20.98 0.59 0.00	22.85 0.69 0.00	23.47 0.57 0.00	23.67 0.60 -0.06	24.38 0.64 -0.12	25.27 0.71 -0.16	27.14 0.88 -0.24	30.57 1.05 -0.37	30.70 1.14 -0.29	36.88 1.40 -0.40	40.53 1.21 -0.33	38.76 1.48 -0.38	36.12 1.73 -0.56	31.83 1.55 -0.41	30.38 1.46 -0.27	25.29 1.06 -0.07	22.68 1.00 0.00
ROSETON____1 23587	20.68 1.02 0.00	18.96 0.87 0.00	17.57 0.79 0.00	16.86 0.82 0.00	16.81 0.77 0.00	17.34 0.79 0.00	19.82 1.00 0.00	21.47 1.08 0.00	23.41 1.24 0.00	24.31 1.42 0.00	24.51 1.50 0.00	25.11 1.49 0.00	26.05 1.59 -0.06	27.91 1.72 -0.18	31.67 1.95 -0.56	31.84 2.02 -0.55	38.66 2.53 -1.05	43.40 2.93 -1.48	40.02 2.44 -0.68	36.09 2.00 -0.26	31.63 1.76 0.00	30.34 1.69 0.00	25.56 1.40 0.00	22.90 1.21 0.00
ROSETON____2 23588	20.68 1.02 0.00	18.96 0.87 0.00	17.57 0.79 0.00	16.86 0.82 0.00	16.81 0.77 0.00	17.34 0.79 0.00	19.82 1.00 0.00	21.47 1.08 0.00	23.41 1.24 0.00	24.31 1.42 0.00	24.51 1.50 0.00	25.11 1.49 0.00	26.05 1.59 -0.06	27.91 1.72 -0.18	31.67 1.95 -0.56	31.84 2.02 -0.55	38.66 2.53 -1.05	43.40 2.93 -1.48	40.02 2.44 -0.68	36.09 2.00 -0.26	31.63 1.76 0.00	30.34 1.69 0.00	25.56 1.40 0.00	22.90 1.21 0.00
ROTTSDAM_115KV_TB3 80664	20.47 0.81 0.00	18.80 0.71 0.00	17.45 0.67 0.00	16.72 0.67 0.00	16.68 0.64 0.00	17.19 0.65 0.00	19.63 0.81 0.00	21.25 0.86 0.00	23.07 0.91 0.00	23.85 0.96 0.00	23.98 0.97 0.00	24.61 0.99 0.00	25.38 1.03 0.05	26.95 1.09 0.16	29.89 1.25 0.52	30.05 1.29 0.51	35.76 1.65 0.97	41.08 2.03 -0.06	38.17 1.88 0.62	35.23 1.62 0.23	31.39 1.52 0.00	30.11 1.46 0.00	25.32 1.16 0.00	22.66 0.98 0.00
RUSSELL____1 23602	20.09 0.43 0.00	18.33 0.24 0.00	16.83 0.05 0.00	16.01 -0.03 0.00	16.09 0.05 0.00	16.66 0.12 0.00	19.10 0.28 0.00	20.54 0.14 0.00	22.32 0.16 0.00	22.94 0.05 0.00	23.29 0.28 0.00	23.98 0.35 0.00	24.80 0.39 0.00	26.36 0.34 0.00	29.39 0.23 0.00	29.24 -0.03 0.00	34.91 -0.18 0.00	38.53 -0.51 -0.04	37.06 0.15 0.00	34.55 0.71 0.00	30.44 0.57 0.00	29.05 0.40 0.00	24.35 0.19 0.00	22.14 0.46 0.00
RUSSELL____2 23532	20.09 0.43 0.00	18.33 0.24 0.00	16.83 0.05 0.00	16.01 -0.03 0.00	16.09 0.05 0.00	16.66 0.12 0.00	19.10 0.28 0.00	20.54 0.14 0.00	22.32 0.16 0.00	22.94 0.05 0.00	23.29 0.28 0.00	23.98 0.35 0.00	24.80 0.39 0.00	26.36 0.34 0.00	29.39 0.23 0.00	29.24 -0.03 0.00	34.91 -0.18 0.00	38.53 -0.51 -0.04	37.06 0.15 0.00	34.55 0.71 0.00	30.44 0.57 0.00	29.05 0.40 0.00	24.35 0.19 0.00	22.14 0.46 0.00
RUSSELL____3 23549	20.09 0.43 0.00	18.33 0.24 0.00	16.83 0.05 0.00	16.01 -0.03 0.00	16.09 0.05 0.00	16.66 0.12 0.00	19.10 0.28 0.00	20.54 0.14 0.00	22.32 0.16 0.00	22.94 0.05 0.00	23.29 0.28 0.00	23.98 0.35 0.00	24.80 0.39 0.00	26.36 0.34 0.00	29.39 0.23 0.00	29.24 -0.03 0.00	34.91 -0.18 0.00	38.53 -0.51 -0.04	37.06 0.15 0.00	34.55 0.71 0.00	30.44 0.57 0.00	29.05 0.40 0.00	24.35 0.19 0.00	22.14 0.46 0.00
RUSSELL____4 23556	20.09 0.43 0.00	18.33 0.24 0.00	16.83 0.05 0.00	16.01 -0.03 0.00	16.09 0.05 0.00	16.66 0.12 0.00	19.10 0.28 0.00	20.54 0.14 0.00	22.32 0.16 0.00	22.94 0.05 0.00	23.29 0.28 0.00	23.98 0.35 0.00	24.80 0.39 0.00	26.36 0.34 0.00	29.39 0.23 0.00	29.24 -0.03 0.00	34.91 -0.18 0.00	38.53 -0.51 -0.04	37.06 0.15 0.00	34.55 0.71 0.00	30.44 0.57 0.00	29.05 0.40 0.00	24.35 0.19 0.00	22.14 0.46 0.00

RUSSELL___STATION 23914	20.09 0.43 0.00	18.33 0.24 0.00	16.83 0.05 0.00	16.01 -0.03 0.00	16.09 0.05 0.00	16.66 0.12 0.00	19.10 0.28 0.00	20.54 0.14 0.00	22.32 0.16 0.00	22.94 0.05 0.00	23.29 0.28 0.00	23.98 0.35 0.00	24.80 0.39 0.00	26.36 0.34 0.00	29.39 0.23 0.00	29.24 -0.03 0.00	34.91 -0.18 0.00	38.53 -0.51 -0.04	37.06 0.15 0.00	34.55 0.71 0.00	30.44 0.57 0.00	29.05 0.40 0.00	24.35 0.19 0.00	22.14 0.46 0.00
S SALMON___HYD 24043	19.64 -0.02 0.00	18.02 -0.07 0.00	16.70 -0.08 0.00	15.93 -0.11 0.00	15.95 -0.10 0.00	16.46 -0.08 0.00	18.80 -0.02 0.00	20.33 -0.06 0.00	22.08 -0.09 0.00	22.71 -0.18 0.00	23.05 -0.18 -0.22	23.90 -0.16 -0.44	24.84 -0.15 -0.58	26.84 -0.05 -0.86	30.45 -0.06 -1.36	30.20 -0.15 -1.08	36.33 -0.21 -1.46	39.75 -0.47 -1.22	38.23 -0.07 -1.39	36.13 0.24 -2.06	31.60 0.21 -1.51	29.95 0.32 -0.98	24.53 0.12 -0.26	21.90 0.22 0.00
S.PERRY___115KV_TB1 80734	20.64 0.98 0.00	18.80 0.71 0.00	17.29 0.50 0.00	16.41 0.37 0.00	16.52 0.48 0.00	17.13 0.58 0.00	19.67 0.85 0.00	21.07 0.67 0.00	22.74 0.58 0.00	23.24 0.34 0.00	23.38 0.37 0.00	23.98 0.35 0.00	24.82 0.41 0.00	26.52 0.49 0.00	28.75 -0.41 0.00	28.68 -0.59 0.00	34.27 -0.81 0.00	37.96 -1.09 -0.06	37.02 0.11 0.00	34.52 0.68 0.00	30.53 0.66 0.00	29.11 0.46 0.00	25.10 0.94 0.00	22.77 1.08 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	20.03 0.37 0.00	18.22 0.13 0.00	16.68 -0.10 0.00	15.81 -0.24 0.00	15.90 -0.14 0.00	16.51 -0.03 0.00	19.01 0.19 0.00	20.33 -0.06 0.00	21.99 -0.18 0.00	22.53 -0.37 0.00	22.88 -0.14 0.00	23.50 -0.12 0.00	24.43 0.02 0.00	25.89 -0.13 0.00	28.75 -0.41 0.00	28.68 -0.59 0.00	34.10 -0.98 0.00	37.41 -1.64 -0.06	36.02 -0.89 0.00	33.87 0.03 0.00	29.81 -0.06 0.00	28.42 -0.23 0.00	23.89 -0.27 0.00	21.88 0.20 0.00
SAWYER___23_KV_LOAD 55526	20.03 0.37 0.00	18.22 0.13 0.00	16.68 -0.10 0.00	15.81 -0.24 0.00	15.90 -0.14 0.00	16.51 -0.03 0.00	19.01 0.19 0.00	20.33 -0.06 0.00	21.99 -0.18 0.00	22.53 -0.37 0.00	22.88 -0.14 0.00	23.50 -0.12 0.00	24.43 0.02 0.00	25.89 -0.13 0.00	28.75 -0.41 0.00	28.68 -0.59 0.00	34.10 -0.98 0.00	37.41 -1.64 -0.06	36.02 -0.89 0.00	33.87 0.03 0.00	29.81 -0.06 0.00	28.42 -0.23 0.00	23.89 -0.27 0.00	21.88 0.20 0.00
SELKIRK___I 23801	20.39 0.73 0.00	18.74 0.65 0.00	17.42 0.64 0.00	16.70 0.66 0.00	16.67 0.62 0.00	17.16 0.61 0.00	19.55 0.73 0.00	21.13 0.73 0.00	22.90 0.73 0.00	23.67 0.78 0.00	23.84 0.83 0.00	24.45 0.83 0.00	25.24 0.88 0.04	26.84 0.94 0.11	29.87 1.08 0.37	29.99 1.08 0.36	35.80 1.40 0.69	40.60 1.76 0.14	38.01 1.55 0.44	35.03 1.36 0.17	31.12 1.25 0.00	29.85 1.20 0.00	25.12 0.97 0.00	22.51 0.82 0.00
SELKIRK___II 23799	20.27 0.61 0.00	18.62 0.53 0.00	17.30 0.52 0.00	16.57 0.53 0.00	16.55 0.51 0.00	17.04 0.50 0.00	19.42 0.60 0.00	21.00 0.61 0.00	22.76 0.60 0.00	23.58 0.69 0.00	23.73 0.71 0.00	24.33 0.71 0.00	25.14 0.78 0.04	26.72 0.83 0.13	29.69 0.96 0.43	29.84 1.00 0.42	35.54 1.26 0.81	40.34 1.60 0.25	37.75 1.37 0.52	34.79 1.15 0.20	30.92 1.04 0.00	29.65 1.00 0.00	24.95 0.80 0.00	22.38 0.69 0.00
SENECA OSWGO___HYD 24041	19.48 -0.18 0.00	17.88 -0.22 0.00	16.55 -0.23 0.00	15.79 -0.26 0.00	15.82 -0.22 0.00	16.33 -0.22 0.00	18.63 -0.19 0.00	20.09 -0.31 0.00	21.83 -0.33 0.00	22.53 -0.37 0.00	23.05 -0.41 -0.45	24.13 -0.40 -0.91	25.20 -0.39 -1.18	27.43 -0.36 -1.77	31.52 -0.41 -2.78	31.01 -0.47 -2.21	37.51 -0.56 -3.00	40.68 -0.82 -2.51	39.21 -0.55 -2.85	37.61 -0.44 -4.21	32.59 -0.39 -3.10	30.29 -0.37 -2.01	24.27 -0.41 -0.52	21.44 -0.24 0.00
SENECA___115KV_TB3 355854	20.23 0.57 0.00	18.38 0.29 0.00	16.83 0.05 0.00	15.95 -0.10 0.00	16.04 0.00 0.00	16.68 0.13 0.00	19.20 0.38 0.00	20.58 0.18 0.00	22.25 0.09 0.00	22.80 -0.09 0.00	23.06 0.05 0.00	23.69 0.07 0.00	24.65 0.24 0.00	26.13 0.10 0.00	29.07 -0.09 0.00	29.15 -0.12 0.00	34.70 -0.39 0.00	38.08 -0.97 -0.06	36.61 -0.30 0.00	34.31 0.47 0.00	30.20 0.33 0.00	28.79 0.14 0.00	24.16 0.00 0.00	22.09 0.41 0.00
SENECA___ENERGY 23797	19.88 0.22 0.00	18.15 0.05 0.00	16.78 0.00 0.00	15.98 -0.06 0.00	16.04 0.00 0.00	16.61 0.07 0.00	19.03 0.21 0.00	20.52 0.12 0.00	22.28 0.11 0.00	22.92 0.02 0.00	23.22 0.02 -0.18	24.09 0.09 -0.37	25.01 0.12 -0.48	26.98 0.23 -0.72	30.49 0.21 -1.13	30.31 0.15 -0.90	36.44 0.14 -1.22	39.98 -0.08 -1.07	38.44 0.37 -1.16	36.07 0.51 -1.72	31.52 0.39 -1.27	29.79 0.32 -0.82	24.47 0.10 -0.21	21.92 0.24 0.00
SHOEMAKER___GT 23640	20.58 0.92 0.00	18.87 0.78 0.00	17.47 0.69 0.00	16.78 0.74 0.00	16.73 0.69 0.00	17.26 0.71 0.00	19.67 0.85 0.00	21.33 0.94 0.00	23.23 1.06 0.00	24.11 1.21 0.00	24.28 1.26 0.00	24.90 1.27 0.00	25.78 1.32 -0.05	27.64 1.46 -0.16	31.35 1.69 -0.51	31.49 1.73 -0.50	38.24 2.21 -0.95	42.91 2.57 -1.35	39.70 2.18 -0.61	35.90 1.83 -0.23	31.48 1.61 0.00	30.17 1.52 0.00	25.41 1.26 0.00	22.79 1.11 0.00
SHOEMAKR_138KV_BK 111 55601	20.56 0.90 0.00	18.85 0.76 0.00	17.47 0.69 0.00	16.77 0.72 0.00	16.71 0.67 0.00	17.24 0.69 0.00	19.67 0.85 0.00	21.33 0.94 0.00	23.23 1.06 0.00	24.11 1.21 0.00	24.28 1.27 0.00	24.92 1.30 0.00	25.80 1.34 -0.05	27.66 1.48 -0.15	31.37 1.72 -0.50	31.51 1.76 -0.49	38.26 2.25 -0.93	42.88 2.57 -1.32	39.69 2.18 -0.60	35.90 1.83 -0.23	31.48 1.61 0.00	30.17 1.52 0.00	25.41 1.26 0.00	22.77 1.08 0.00
SHOREHAM_IC_1 23715	21.32 1.65 -0.01	19.53 1.43 -0.01	17.97 1.19 0.00	17.45 1.40 -0.01	17.46 1.41 -0.01	17.91 1.36 -0.01	20.34 1.52 0.00	22.20 1.80 -0.01	24.21 2.04 -0.01	26.89 2.24 -1.75	29.25 2.09 -4.14	31.14 2.13 -5.39	31.16 2.24 -4.51	31.89 2.45 -3.43	36.81 2.94 -4.71	41.38 3.07 -9.05	40.18 3.72 -1.38	45.24 4.21 -2.03	41.25 3.58 -0.77	37.24 3.11 -0.29	32.58 2.60 -0.11	31.74 2.43 -0.66	30.15 2.25 -3.75	23.67 1.97 -0.02
SHOREHAM_IC_2 23716	21.32 1.65 -0.01	19.53 1.43 -0.01	17.97 1.19 0.00	17.45 1.40 -0.01	17.46 1.41 -0.01	17.91 1.36 -0.01	20.34 1.52 0.00	22.20 1.80 -0.01	24.21 2.04 -0.01	26.89 2.24 -1.75	29.25 2.09 -4.14	31.14 2.13 -5.39	31.16 2.24 -4.51	31.89 2.45 -3.43	36.81 2.94 -4.71	41.38 3.07 -9.05	40.18 3.72 -1.38	45.24 4.21 -2.03	41.25 3.58 -0.77	37.24 3.11 -0.29	32.58 2.60 -0.11	31.74 2.43 -0.66	30.15 2.25 -3.75	23.67 1.97 -0.02
SISSONVILLE___ 23735	19.17 -0.49 0.00	17.73 -0.36 0.00	16.50 -0.29 0.00	15.76 -0.29 0.00	15.77 -0.27 0.00	16.28 -0.26 0.00	18.31 -0.51 0.00	19.88 -0.51 0.00	21.63 -0.53 0.00	22.25 -0.64 0.00	22.39 -0.62 0.00	22.96 -0.66 0.00	23.75 -0.66 0.00	25.32 -0.70 0.00	28.40 -0.76 0.00	28.56 -0.70 0.00	34.03 -1.05 0.00	37.70 -1.29 0.00	35.65 -1.25 0.00	32.79 -1.05 0.00	28.94 -0.93 0.00	27.88 -0.77 0.00	23.79 -0.36 0.00	21.33 -0.35 0.00

SITHE_IND_GS1 24169	19.33 -0.33 0.00	17.75 -0.34 0.00	16.45 -0.34 0.00	15.68 -0.37 0.00	15.70 -0.34 0.00	16.20 -0.35 0.00	18.50 -0.32 0.00	19.90 -0.49 0.00	21.63 -0.53 0.00	22.30 -0.60 0.00	21.11 -0.67 1.24	20.46 -0.66 2.50	20.46 -0.68 3.26	20.46 -0.68 4.89	20.71 -0.79 7.66	22.35 -0.82 6.10	25.79 -1.02 8.27	30.81 -1.25 6.93	28.00 -1.03 7.88	21.36 -0.84 11.64	20.52 -0.78 8.57	22.35 -0.75 5.55	22.01 -0.70 1.45	21.23 -0.46 0.00
SITHE_IND_GS2 24170	19.33 -0.33 0.00	17.75 -0.34 0.00	16.45 -0.34 0.00	15.68 -0.37 0.00	15.70 -0.34 0.00	16.20 -0.35 0.00	18.50 -0.32 0.00	19.90 -0.49 0.00	21.63 -0.53 0.00	22.30 -0.60 0.00	21.11 -0.67 1.24	20.46 -0.66 2.50	20.46 -0.68 3.26	20.46 -0.68 4.89	20.71 -0.79 7.66	22.35 -0.82 6.10	25.79 -1.02 8.27	30.81 -1.25 6.93	28.00 -1.03 7.88	21.36 -0.84 11.64	20.52 -0.78 8.57	22.35 -0.75 5.55	22.01 -0.70 1.45	21.23 -0.46 0.00
SITHE_IND_GS3 24171	19.33 -0.33 0.00	17.75 -0.34 0.00	16.45 -0.34 0.00	15.68 -0.37 0.00	15.70 -0.34 0.00	16.20 -0.35 0.00	18.50 -0.32 0.00	19.90 -0.49 0.00	21.63 -0.53 0.00	22.30 -0.60 0.00	21.11 -0.67 1.24	20.46 -0.66 2.50	20.46 -0.68 3.26	20.46 -0.68 4.89	20.71 -0.79 7.66	22.35 -0.82 6.10	25.79 -1.02 8.27	30.81 -1.25 6.93	28.00 -1.03 7.88	21.36 -0.84 11.64	20.52 -0.78 8.57	22.35 -0.75 5.55	22.01 -0.70 1.45	21.23 -0.46 0.00
SITHE_IND_GS4 24172	19.33 -0.33 0.00	17.75 -0.34 0.00	16.45 -0.34 0.00	15.68 -0.37 0.00	15.70 -0.34 0.00	16.20 -0.35 0.00	18.50 -0.32 0.00	19.90 -0.49 0.00	21.63 -0.53 0.00	22.30 -0.60 0.00	21.11 -0.67 1.24	20.46 -0.66 2.50	20.46 -0.68 3.26	20.46 -0.68 4.89	20.71 -0.79 7.66	22.35 -0.82 6.10	25.79 -1.02 8.27	30.81 -1.25 6.93	28.00 -1.03 7.88	21.36 -0.84 11.64	20.52 -0.78 8.57	22.35 -0.75 5.55	22.01 -0.70 1.45	21.23 -0.46 0.00
SITHE___BATAVIA 24024	20.31 0.65 0.00	18.47 0.38 0.00	16.93 0.15 0.00	16.06 0.02 0.00	16.17 0.13 0.00	16.78 0.23 0.00	19.29 0.47 0.00	20.68 0.29 0.00	22.43 0.27 0.00	22.94 0.05 0.00	23.18 0.16 0.00	23.95 0.33 0.00	24.87 0.46 0.00	26.36 0.34 0.00	29.39 0.23 0.00	29.18 -0.09 0.00	34.80 -0.28 0.00	38.30 -0.74 -0.05	37.02 0.11 0.00	34.79 0.95 0.00	30.68 0.81 0.00	29.22 0.57 0.00	24.47 0.31 0.00	22.33 0.65 0.00
SITHE___INDEPEND 23800	19.33 -0.33 0.00	17.75 -0.34 0.00	16.45 -0.34 0.00	15.68 -0.37 0.00	15.70 -0.34 0.00	16.20 -0.35 0.00	18.50 -0.32 0.00	19.90 -0.49 0.00	21.63 -0.53 0.00	22.30 -0.60 0.00	21.13 -0.64 1.24	20.46 -0.66 2.50	20.46 -0.68 3.26	20.46 -0.68 4.88	20.71 -0.79 7.66	22.35 -0.82 6.10	25.79 -1.02 8.27	30.81 -1.25 6.93	28.00 -1.03 7.88	21.35 -0.85 11.64	20.52 -0.78 8.57	22.35 -0.74 5.55	22.01 -0.70 1.45	21.23 -0.46 0.00
SITHE___MASSENA 23902	19.27 -0.39 0.00	17.84 -0.25 0.00	16.58 -0.20 0.00	15.82 -0.22 0.00	15.83 -0.21 0.00	16.35 -0.20 0.00	18.44 -0.38 0.00	20.13 -0.27 0.00	21.88 -0.29 0.00	22.55 -0.34 0.00	22.69 -0.32 0.00	23.27 -0.35 0.00	24.04 -0.37 0.00	25.61 -0.42 0.00	28.66 -0.50 0.00	28.83 -0.44 0.00	34.41 -0.67 0.00	38.33 -0.66 0.00	36.17 -0.74 0.00	33.16 -0.68 0.00	29.27 -0.60 0.00	28.14 -0.51 0.00	23.87 -0.29 0.00	21.31 -0.37 0.00
SITHE___OGDNSBRG 24021	19.33 -0.33 0.00	17.89 -0.20 0.00	16.66 -0.12 0.00	15.90 -0.14 0.00	15.90 -0.14 0.00	16.41 -0.13 0.00	18.52 -0.30 0.00	20.19 -0.20 0.00	21.97 -0.20 0.00	22.57 -0.32 0.00	22.72 -0.30 0.00	23.31 -0.31 0.00	24.09 -0.32 0.00	25.71 -0.31 0.00	28.83 -0.32 0.00	29.03 -0.23 0.00	34.66 -0.42 0.00	38.45 -0.55 0.00	36.39 -0.52 0.00	33.54 -0.30 0.00	29.60 -0.27 0.00	28.48 -0.17 0.00	24.18 0.02 0.00	21.59 -0.09 0.00
SITHE___STERLING 23777	20.09 0.43 0.00	18.44 0.34 0.00	17.17 0.39 0.00	16.33 0.29 0.00	16.33 0.29 0.00	16.86 0.31 0.00	19.33 0.51 0.00	20.86 0.47 0.00	22.70 0.53 0.00	23.35 0.46 0.00	23.54 0.46 -0.07	24.28 0.52 -0.14	25.14 0.56 -0.18	26.99 0.70 -0.27	30.42 0.85 -0.42	30.50 0.91 -0.33	36.65 1.12 -0.45	40.30 0.93 -0.37	38.51 1.18 -0.43	35.82 1.36 -0.63	31.53 1.20 -0.46	30.07 1.12 -0.30	25.03 0.80 -0.08	22.46 0.78 0.00
SLEIGHT___34_KV_TB1 80719	20.27 0.61 0.00	18.54 0.45 0.00	17.15 0.37 0.00	16.29 0.24 0.00	16.36 0.32 0.00	16.94 0.40 0.00	19.44 0.62 0.00	20.98 0.59 0.00	22.85 0.69 0.00	23.51 0.62 0.00	23.88 0.71 -0.15	24.68 0.76 -0.30	25.58 0.78 -0.40	27.63 1.01 -0.59	31.16 1.08 -0.93	31.06 1.05 -0.73	37.27 1.19 -1.00	40.84 0.97 -0.88	39.30 1.44 -0.95	36.66 1.42 -1.40	32.13 1.22 -1.03	30.44 1.12 -0.67	25.06 0.72 -0.17	22.44 0.76 0.00
SOUTH CAIRO___GT 23612	20.80 1.14 0.00	19.09 0.99 0.00	17.70 0.92 0.00	16.98 0.93 0.00	16.94 0.90 0.00	17.49 0.94 0.00	19.91 1.09 0.00	21.56 1.16 0.00	23.36 1.20 0.00	24.15 1.26 0.00	24.23 1.22 0.00	24.85 1.23 0.00	25.79 1.41 0.03	27.45 1.51 0.08	30.72 1.81 0.25	30.84 1.82 0.24	37.14 2.53 0.46	42.18 3.12 -0.07	39.60 2.74 0.30	36.47 2.74 0.11	32.17 2.30 0.00	30.80 2.15 0.00	25.75 1.59 0.00	22.98 1.30 0.00
SOUTH HAMPTN___IC 23720	21.79 2.12 -0.01	19.96 1.86 -0.01	18.32 1.54 0.00	17.82 1.77 -0.01	17.81 1.76 -0.01	18.27 1.72 -0.01	20.76 1.94 0.00	22.66 2.26 -0.01	24.74 2.57 -0.01	27.46 2.82 -1.75	29.85 2.69 -4.14	31.79 2.79 -5.39	31.82 2.90 -4.51	32.57 3.12 -3.43	37.60 3.73 -4.71	42.18 3.86 -9.05	41.13 4.67 -1.38	46.29 5.26 -2.03	42.25 4.58 -0.77	38.12 3.99 -0.29	33.30 3.32 -0.11	32.43 3.12 -0.66	30.68 2.78 -3.75	24.15 2.45 -0.02
SOUTHDOW___115KV_TB1 355954	20.68 1.02 0.00	18.76 0.67 0.00	17.22 0.44 0.00	16.29 0.24 0.00	16.41 0.37 0.00	17.11 0.56 0.00	19.72 0.90 0.00	21.31 0.92 0.00	23.10 0.93 0.00	23.69 0.80 0.00	23.91 0.90 0.00	24.52 0.90 0.00	25.55 1.15 0.00	27.14 1.12 0.00	30.23 1.08 0.00	30.55 1.29 0.00	36.34 1.26 0.00	39.72 0.66 -0.07	37.98 1.07 0.00	35.29 1.46 0.00	31.04 1.16 0.00	29.51 0.86 0.00	24.69 0.53 0.00	22.48 0.80 0.00
SOUTHOLD_69_KV_BK 2 55809	22.20 2.54 0.00	20.34 2.24 0.00	18.66 1.88 0.00	18.12 2.07 0.00	18.11 2.07 0.00	18.60 2.05 0.00	21.15 2.33 0.00	23.11 2.71 0.00	25.25 3.08 0.00	28.01 3.37 -1.75	30.38 3.22 -4.14	32.41 3.40 -5.39	32.43 3.51 -4.51	33.19 3.75 -3.42	38.26 4.40 -4.71	42.96 4.65 -9.04	42.04 5.58 -1.38	47.37 6.36 -2.03	43.32 5.65 -0.76	38.96 4.84 -0.28	34.02 4.03 -0.11	33.09 3.78 -0.66	31.21 3.31 -3.75	24.63 2.93 -0.02
SOUTHOLD___IC 23719	22.21 2.54 -0.01	20.34 2.24 -0.01	18.66 1.88 0.00	18.14 2.09 -0.01	18.12 2.07 -0.01	18.60 2.05 -0.01	21.15 2.33 0.00	23.11 2.71 -0.01	25.25 3.08 -0.01	28.01 3.37 -1.75	30.42 3.27 -4.14	32.41 3.40 -5.39	32.43 3.52 -4.51	33.20 3.75 -3.43	38.33 4.46 -4.71	42.97 4.65 -9.05	42.04 5.58 -1.38	47.38 6.36 -2.03	43.28 5.61 -0.77	38.97 4.84 -0.29	34.02 4.03 -0.11	33.09 3.78 -0.66	31.21 3.31 -3.75	24.63 2.93 -0.02

SPIERFLS_115KV_TB 1 80737	20.72 1.06 0.00	19.02 0.92 0.00	17.59 0.81 0.00	16.90 0.85 0.00	16.84 0.80 0.00	17.41 0.86 0.00	19.82 1.00 0.00	21.52 1.12 0.00	23.34 1.17 0.00	24.08 1.19 0.00	24.10 1.08 0.00	24.68 1.06 0.00	25.41 1.07 0.07	26.71 0.88 0.20	29.62 1.11 0.64	29.78 1.14 0.63	35.49 1.61 1.21	40.89 2.14 0.24	38.56 2.44 0.78	35.95 2.40 0.29	32.20 2.33 0.00	30.83 2.18 0.00	25.82 1.67 0.00	23.03 1.34 0.00
ST LAWRENCE____ 23600	19.09 -0.57 0.00	17.68 -0.42 0.00	16.41 -0.37 0.00	15.69 -0.35 0.00	15.69 -0.35 0.00	16.18 -0.36 0.00	18.27 -0.55 0.00	19.94 -0.45 0.00	21.68 -0.49 0.00	22.37 -0.53 0.00	22.49 -0.53 0.00	23.08 -0.54 0.00	23.82 -0.59 0.00	25.35 -0.68 0.00	28.40 -0.76 0.00	28.54 -0.73 0.00	34.14 -0.95 0.00	38.02 -0.97 0.00	35.91 -0.99 0.00	32.89 -0.95 0.00	29.03 -0.84 0.00	27.85 -0.80 0.00	23.60 -0.55 0.00	21.07 -0.61 0.00
STATE_CA_115KV_115_LB 55624	20.27 0.61 0.00	18.58 0.49 0.00	17.32 0.54 0.00	16.59 0.55 0.00	16.55 0.51 0.00	17.06 0.51 0.00	19.44 0.62 0.00	21.03 0.63 0.00	22.76 0.60 0.00	23.56 0.66 0.00	23.70 0.69 0.00	24.33 0.71 0.00	25.10 0.76 0.06	26.67 0.83 0.18	29.56 0.99 0.58	29.72 1.02 0.57	35.32 1.33 1.09	40.28 1.68 0.38	37.68 1.48 0.70	34.79 1.22 0.27	31.01 1.14 0.00	29.74 1.09 0.00	25.00 0.85 0.00	22.40 0.72 0.00
STATE_ST_34_KV_LOAD 55959	20.17 0.51 0.00	18.47 0.38 0.00	16.97 0.18 0.00	16.27 0.22 0.00	16.31 0.27 0.00	16.86 0.31 0.00	19.16 0.34 0.00	20.68 0.29 0.00	22.50 0.33 0.00	23.15 0.25 0.00	23.53 0.30 -0.22	24.39 0.33 -0.44	25.32 0.34 -0.58	27.38 0.49 -0.86	31.03 0.52 -1.36	30.89 0.56 -1.07	37.13 0.60 -1.45	40.72 0.47 -1.26	39.07 0.78 -1.38	36.70 0.81 -2.05	32.03 0.66 -1.51	30.23 0.60 -0.98	24.77 0.36 -0.25	22.09 0.41 0.00
STATION 5_MISC_HYD 23604	19.99 0.33 0.00	18.24 0.14 0.00	16.77 -0.02 0.00	15.95 -0.10 0.00	16.02 -0.02 0.00	16.60 0.05 0.00	19.03 0.21 0.00	20.45 0.06 0.00	22.23 0.07 0.00	22.82 -0.07 0.00	23.11 0.09 0.00	23.86 0.24 0.00	24.67 0.27 0.00	26.23 0.21 0.00	29.27 0.12 0.00	29.06 -0.20 0.00	34.70 -0.39 0.00	38.29 -0.74 -0.04	36.83 -0.07 0.00	34.31 0.47 0.00	30.23 0.36 0.00	28.88 0.23 0.00	24.21 0.05 0.00	22.01 0.33 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	19.98 0.31 0.00	18.24 0.14 0.00	16.83 0.05 0.00	16.00 -0.05 0.00	16.07 0.03 0.00	16.63 0.08 0.00	19.08 0.26 0.00	20.54 0.14 0.00	22.34 0.18 0.00	22.96 0.07 0.00	23.30 0.23 -0.05	24.01 0.28 -0.11	24.86 0.32 -0.14	26.57 0.34 -0.21	29.74 0.26 -0.32	29.63 0.12 -0.25	35.49 0.07 -0.34	39.12 -0.19 -0.33	37.60 0.37 -0.32	35.03 0.71 -0.48	30.79 0.57 -0.35	29.31 0.43 -0.23	24.41 0.19 -0.06	22.05 0.37 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	19.84 0.18 0.00	18.11 0.02 0.00	16.65 -0.13 0.00	15.84 -0.21 0.00	15.91 -0.13 0.00	16.48 -0.07 0.00	18.89 0.08 0.00	20.31 -0.08 0.00	22.08 -0.09 0.00	22.69 -0.21 0.00	23.04 0.02 0.00	23.69 0.07 0.00	24.53 0.12 0.00	26.07 0.05 0.00	29.07 -0.09 0.00	28.95 -0.32 0.00	34.55 -0.53 0.00	38.14 -0.90 -0.04	36.69 -0.22 0.00	34.11 0.27 0.00	30.08 0.21 0.00	28.71 0.06 0.00	24.06 -0.10 0.00	21.86 0.17 0.00
STA_56____34_KV_BUS2 355983	19.84 0.18 0.00	18.11 0.02 0.00	16.65 -0.13 0.00	15.84 -0.21 0.00	15.91 -0.13 0.00	16.48 -0.07 0.00	18.89 0.08 0.00	20.31 -0.08 0.00	22.08 -0.09 0.00	22.69 -0.21 0.00	23.04 0.02 0.00	23.69 0.07 0.00	24.53 0.12 0.00	26.07 0.05 0.00	29.07 -0.09 0.00	28.95 -0.32 0.00	34.55 -0.53 0.00	38.14 -0.90 -0.04	36.69 -0.22 0.00	34.11 0.27 0.00	30.08 0.21 0.00	28.71 0.06 0.00	24.06 -0.10 0.00	21.86 0.17 0.00
STA_67____115KV_BK2 355882	19.96 0.29 0.00	18.22 0.13 0.00	16.73 -0.05 0.00	15.92 -0.13 0.00	15.99 -0.05 0.00	16.56 0.02 0.00	18.99 0.17 0.00	20.39 0.00 0.00	22.16 0.00 0.00	22.76 -0.14 0.00	23.13 0.12 0.00	23.79 0.17 0.00	24.63 0.22 0.00	26.15 0.13 0.00	29.15 0.00 0.00	28.97 -0.29 0.00	34.59 -0.49 0.00	38.18 -0.86 -0.04	36.69 -0.22 0.00	34.21 0.37 0.00	30.14 0.27 0.00	28.79 0.14 0.00	24.16 0.00 0.00	21.96 0.28 0.00
STA_7____115KV_9TRANS 80674	20.09 0.43 0.00	18.33 0.24 0.00	16.83 0.05 0.00	16.01 -0.03 0.00	16.09 0.05 0.00	16.66 0.12 0.00	19.10 0.28 0.00	20.54 0.14 0.00	22.32 0.16 0.00	22.94 0.05 0.00	23.29 0.28 0.00	23.98 0.35 0.00	24.80 0.39 0.00	26.36 0.34 0.00	29.39 0.23 0.00	29.24 -0.03 0.00	34.91 -0.18 0.00	38.53 -0.51 -0.04	37.06 0.15 0.00	34.55 0.71 0.00	30.44 0.57 0.00	29.05 0.40 0.00	24.35 0.19 0.00	22.14 0.46 0.00
STA_82____115KV_TB1 80780	19.98 0.31 0.00	18.22 0.13 0.00	16.73 -0.05 0.00	15.92 -0.13 0.00	15.99 -0.05 0.00	16.56 0.02 0.00	19.01 0.19 0.00	20.41 0.02 0.00	22.19 0.02 0.00	22.78 -0.11 0.00	23.13 0.12 0.00	23.79 0.17 0.00	24.63 0.22 0.00	26.18 0.16 0.00	29.15 0.00 0.00	29.00 -0.26 0.00	34.63 -0.46 0.00	38.18 -0.86 -0.04	36.72 -0.18 0.00	34.21 0.37 0.00	30.14 0.27 0.00	28.79 0.14 0.00	24.16 0.00 0.00	21.96 0.28 0.00
STEEL____WIND 323596	20.21 0.55 0.00	18.35 0.25 0.00	16.83 0.05 0.00	15.93 -0.11 0.00	16.04 0.00 0.00	16.68 0.13 0.00	19.18 0.36 0.00	20.56 0.16 0.00	22.23 0.07 0.00	22.78 -0.11 0.00	22.90 -0.11 0.00	23.67 0.05 0.00	24.62 0.22 0.00	26.10 0.08 0.00	29.12 -0.03 0.00	29.12 -0.15 0.00	34.66 -0.42 0.00	38.04 -1.01 -0.06	36.57 -0.33 0.00	34.28 0.44 0.00	30.17 0.30 0.00	28.77 0.12 0.00	24.13 -0.02 0.00	22.07 0.39 0.00
STEPHTWN_115KV_BK_2 55603	20.33 0.67 0.00	18.65 0.56 0.00	17.37 0.59 0.00	16.64 0.59 0.00	16.60 0.56 0.00	17.13 0.58 0.00	19.52 0.70 0.00	21.11 0.71 0.00	22.83 0.66 0.00	23.63 0.73 0.00	23.82 0.81 0.00	24.42 0.80 0.00	25.20 0.85 0.06	26.78 0.94 0.18	29.69 1.11 0.57	29.88 1.17 0.56	35.53 1.51 1.06	40.49 1.95 0.45	37.96 1.73 0.68	35.03 1.46 0.27	31.24 1.37 0.00	29.97 1.32 0.00	25.17 1.01 0.00	22.51 0.82 0.00
STEBEN_REC_LFGE 323667	20.62 0.96 0.00	18.76 0.67 0.00	17.29 0.50 0.00	16.40 0.35 0.00	16.49 0.45 0.00	17.14 0.60 0.00	19.70 0.88 0.00	21.23 0.84 0.00	22.96 0.80 0.00	23.51 0.62 0.00	23.77 0.69 -0.07	24.47 0.71 -0.14	25.42 0.83 -0.18	27.26 0.96 -0.27	30.46 0.87 -0.43	30.56 0.97 -0.33	36.54 1.02 -0.44	40.07 0.62 -0.45	38.59 1.25 -0.42	35.95 1.49 -0.63	31.56 1.22 -0.46	29.98 1.03 -0.30	24.93 0.70 -0.08	22.61 0.93 0.00
STONY____BROOK 24151	21.65 1.98 -0.01	19.82 1.72 -0.01	18.17 1.39 0.00	17.66 1.60 -0.01	17.64 1.59 -0.01	18.13 1.57 -0.01	20.59 1.77 0.00	22.44 2.04 -0.01	24.50 2.33 -0.01	27.16 2.52 -1.75	29.59 2.44 -4.14	31.47 2.46 -5.39	31.53 2.61 -4.51	32.26 2.81 -3.43	37.19 3.32 -4.71	41.76 3.45 -9.05	40.50 4.03 -1.38	45.39 4.37 -2.04	41.36 3.69 -0.77	37.59 3.45 -0.29	32.94 2.96 -0.12	32.09 2.78 -0.66	30.44 2.54 -3.75	23.93 2.23 -0.02

STURGEON_POOL_HYD 23609	20.68 1.02 0.00	18.94 0.85 0.00	17.59 0.81 0.00	16.85 0.80 0.00	16.79 0.75 0.00	17.29 0.74 0.00	19.84 1.02 0.00	21.49 1.10 0.00	23.49 1.33 0.00	24.45 1.56 0.00	24.60 1.59 0.00	25.25 1.63 0.00	26.26 1.83 -0.03	28.13 2.03 -0.08	31.77 2.36 -0.25	31.89 2.37 -0.25	38.61 3.05 -0.47	43.41 3.51 -0.90	40.13 2.92 -0.31	36.39 2.44 -0.12	31.81 1.94 0.00	30.51 1.86 0.00	25.70 1.55 0.00	23.03 1.34 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	20.62 0.96 0.00	18.91 0.81 0.00	17.54 0.76 0.00	16.82 0.77 0.00	16.76 0.72 0.00	17.29 0.74 0.00	19.78 0.96 0.00	21.45 1.06 0.00	23.38 1.22 0.00	24.29 1.40 0.00	24.46 1.45 0.00	25.11 1.49 0.00	26.02 1.56 -0.05	27.88 1.69 -0.16	31.66 1.98 -0.52	31.80 2.02 -0.52	38.63 2.56 -0.99	43.34 2.96 -1.39	40.01 2.47 -0.63	36.11 2.03 -0.24	31.66 1.79 0.00	30.34 1.69 0.00	25.56 1.40 0.00	22.90 1.21 0.00
SWANROAD_115KV_TB1 355699	19.78 0.12 0.00	17.98 -0.11 0.00	16.35 -0.44 0.00	15.58 -0.47 0.00	15.67 -0.37 0.00	16.28 -0.26 0.00	18.71 -0.11 0.00	19.92 -0.47 0.00	21.54 -0.62 0.00	22.05 -0.85 0.00	22.46 -0.55 0.00	23.05 -0.57 0.00	23.97 -0.44 0.00	25.37 -0.65 0.00	28.16 -0.99 0.00	27.95 -1.32 0.00	33.22 -1.86 0.00	36.47 -2.57 -0.06	35.17 -1.73 0.00	33.16 -0.68 0.00	29.21 -0.66 0.00	27.85 -0.80 0.00	23.41 -0.75 0.00	21.49 -0.20 0.00
SYNERGY___BIOGAS 323694	20.31 0.65 0.00	18.47 0.38 0.00	16.93 0.15 0.00	16.06 0.02 0.00	16.17 0.13 0.00	16.78 0.23 0.00	19.29 0.47 0.00	20.68 0.29 0.00	22.43 0.27 0.00	22.94 0.05 0.00	23.18 0.16 0.00	23.95 0.33 0.00	24.87 0.46 0.00	26.36 0.34 0.00	29.39 0.23 0.00	29.18 -0.09 0.00	34.80 -0.28 0.00	38.30 -0.74 -0.05	37.02 0.11 0.00	34.79 0.95 0.00	30.68 0.81 0.00	29.22 0.57 0.00	24.47 0.31 0.00	22.33 0.65 0.00
SYRACUSE___ENERGY_ST1 323597	19.82 0.16 0.00	18.16 0.07 0.00	16.83 0.05 0.00	16.03 -0.02 0.00	16.06 0.02 0.00	16.58 0.03 0.00	18.95 0.13 0.00	20.43 0.04 0.00	22.23 0.07 0.00	22.92 0.02 0.00	23.26 0.00 -0.24	24.11 0.00 -0.49	25.07 0.02 -0.64	27.12 0.13 -0.96	30.78 0.12 -1.51	30.55 0.09 -1.20	36.78 0.07 -1.62	40.27 -0.12 -1.40	38.57 0.11 -1.55	36.29 0.17 -2.29	31.67 0.12 -1.68	29.86 0.11 -1.09	24.44 0.00 -0.28	21.81 0.13 0.00
SYRACUSE___ENERGY_ST2 323598	19.82 0.16 0.00	18.16 0.07 0.00	16.83 0.05 0.00	16.03 -0.02 0.00	16.06 0.02 0.00	16.58 0.03 0.00	18.95 0.13 0.00	20.43 0.04 0.00	22.23 0.07 0.00	22.92 0.02 0.00	23.26 0.00 -0.24	24.11 0.00 -0.49	25.07 0.02 -0.64	27.12 0.13 -0.96	30.78 0.12 -1.51	30.55 0.09 -1.20	36.78 0.07 -1.62	40.27 -0.12 -1.40	38.57 0.11 -1.55	36.29 0.17 -2.29	31.67 0.12 -1.68	29.86 0.11 -1.09	24.44 0.00 -0.28	21.81 0.13 0.00
SYRACUSE___POWER 24017	19.76 0.10 0.00	18.11 0.02 0.00	16.78 0.00 0.00	16.00 -0.05 0.00	16.02 -0.02 0.00	16.55 0.00 0.00	18.91 0.09 0.00	20.39 0.00 0.00	22.16 0.00 0.00	22.87 -0.02 0.00	23.15 -0.02 -0.16	23.92 -0.02 -0.32	24.82 0.00 -0.42	26.73 0.08 -0.63	30.17 0.03 -0.98	30.04 0.00 -0.78	36.10 -0.04 -1.05	39.68 -0.23 -0.92	37.91 0.00 -1.00	35.42 0.10 -1.48	31.02 0.06 -1.09	29.44 0.09 -0.71	24.29 -0.05 -0.18	21.79 0.11 0.00
TALLMAN__138KV_BK151 55660	20.76 1.10 0.00	19.00 0.90 0.00	17.64 0.86 0.00	16.91 0.87 0.00	16.86 0.82 0.00	17.39 0.84 0.00	19.89 1.07 0.00	21.62 1.22 0.00	23.56 1.40 0.00	24.50 1.60 0.00	24.69 1.68 0.00	25.35 1.72 0.00	26.27 1.81 -0.06	28.17 1.98 -0.17	31.98 2.27 -0.56	32.13 2.31 -0.55	39.04 2.91 -1.04	43.81 3.35 -1.46	40.39 2.80 -0.67	36.36 2.27 -0.26	31.87 2.00 0.00	30.54 1.89 0.00	25.75 1.59 0.00	23.05 1.37 0.00
TEALLAVE_115KV_TB7 355573	19.70 0.04 0.00	18.07 -0.02 0.00	16.73 -0.05 0.00	15.95 -0.10 0.00	15.98 -0.06 0.00	16.50 -0.05 0.00	18.86 0.04 0.00	20.33 -0.06 0.00	22.10 -0.07 0.00	22.80 -0.09 0.00	23.05 -0.09 -0.13	23.79 -0.09 -0.26	24.67 -0.07 -0.34	26.50 -0.03 -0.51	29.86 -0.09 -0.79	29.78 -0.12 -0.63	35.76 -0.18 -0.85	39.34 -0.39 -0.74	37.57 -0.15 -0.81	34.97 -0.07 -1.20	30.69 -0.06 -0.88	29.16 -0.06 -0.57	24.16 -0.14 -0.15	21.73 0.04 0.00
TELGRAPH_34_KV_EAST 80808	20.13 0.47 0.00	18.31 0.22 0.00	16.71 -0.07 0.00	15.89 -0.16 0.00	15.99 -0.05 0.00	16.60 0.05 0.00	19.08 0.26 0.00	20.41 0.02 0.00	22.12 -0.04 0.00	22.64 -0.25 0.00	23.01 0.00 0.00	23.65 0.02 0.00	24.58 0.17 0.00	26.02 0.00 0.00	28.92 -0.23 0.00	28.80 -0.47 0.00	34.27 -0.81 0.00	37.64 -1.40 -0.05	36.35 -0.55 0.00	34.18 0.34 0.00	30.14 0.27 0.00	28.71 0.06 0.00	24.08 -0.07 0.00	22.03 0.35 0.00
TEMPLE___115KV_TB 2 55572	19.72 0.06 0.00	18.07 -0.02 0.00	16.75 -0.03 0.00	15.97 -0.08 0.00	15.99 -0.05 0.00	16.51 -0.03 0.00	18.88 0.06 0.00	20.35 -0.04 0.00	22.12 -0.04 0.00	22.82 -0.07 0.00	23.07 -0.07 -0.13	23.81 -0.07 -0.26	24.69 -0.05 -0.34	26.53 0.00 -0.51	29.89 -0.06 -0.79	29.81 -0.09 -0.63	35.79 -0.14 -0.85	39.38 -0.35 -0.74	37.61 -0.11 -0.81	35.00 -0.03 -1.20	30.69 -0.06 -0.88	29.19 -0.03 -0.57	24.18 -0.12 -0.15	21.75 0.07 0.00
TIANA____69_KV_BK 1 55817	21.65 1.99 0.00	19.83 1.74 0.00	18.23 1.44 0.00	17.70 1.65 0.00	17.69 1.65 0.00	18.17 1.62 0.00	20.65 1.83 0.00	22.51 2.12 0.00	24.60 2.44 0.00	27.30 2.66 -1.75	29.64 2.49 -4.14	31.61 2.60 -5.39	31.65 2.73 -4.51	32.39 2.94 -3.42	37.33 3.47 -4.71	41.97 3.66 -9.04	40.84 4.39 -1.38	46.01 4.99 -2.03	41.99 4.32 -0.76	37.84 3.72 -0.28	33.12 3.14 -0.11	32.23 2.92 -0.66	30.54 2.63 -3.75	24.02 2.32 -0.02
TILDEN___115KV_TB1 80814	19.76 0.10 0.00	18.11 0.02 0.00	16.78 0.00 0.00	16.00 -0.05 0.00	16.02 -0.02 0.00	16.55 0.00 0.00	18.91 0.09 0.00	20.39 0.00 0.00	22.16 0.00 0.00	22.87 -0.02 0.00	23.15 -0.02 -0.16	23.92 -0.02 -0.32	24.82 0.00 -0.42	26.73 0.08 -0.63	30.17 0.03 -0.98	30.04 0.00 -0.78	36.10 -0.04 -1.05	39.68 -0.23 -0.92	37.91 0.00 -1.00	35.42 0.10 -1.48	31.02 0.06 -1.09	29.44 0.09 -0.71	24.29 -0.05 -0.18	21.79 0.11 0.00
TRIGEN___CC 323695	21.27 1.61 0.00	19.49 1.39 0.00	17.99 1.21 0.00	17.35 1.30 0.00	17.28 1.24 0.00	17.82 1.27 0.00	20.36 1.54 0.00	22.13 1.73 0.00	24.12 1.95 0.00	26.75 2.11 -1.75	29.25 2.09 -4.14	31.16 2.15 -5.39	31.18 2.27 -4.51	31.89 2.45 -3.42	36.66 2.80 -4.71	41.18 2.87 -9.04	40.00 3.54 -1.38	45.07 4.06 -2.03	41.10 3.43 -0.76	37.10 2.98 -0.28	32.46 2.48 -0.11	31.69 2.38 -0.66	29.98 2.08 -3.75	23.59 1.89 -0.02
TRINITY__115KV__ 4 BK 55933	20.21 0.55 0.00	18.53 0.43 0.00	17.25 0.47 0.00	16.56 0.51 0.00	16.51 0.47 0.00	17.01 0.46 0.00	19.38 0.56 0.00	20.94 0.55 0.00	22.67 0.51 0.00	23.47 0.57 0.00	23.61 0.60 0.00	24.24 0.61 0.00	25.00 0.66 0.06	26.55 0.70 0.18	29.43 0.85 0.57	29.59 0.88 0.56	35.17 1.16 1.07	40.03 1.48 0.44	37.51 1.29 0.69	34.62 1.05 0.27	30.86 0.99 0.00	29.60 0.95 0.00	24.91 0.75 0.00	22.29 0.61 0.00

UNION___PROCESSING_DRP 323587	19.98 0.31 0.00	18.24 0.14 0.00	16.75 -0.03 0.00	15.93 -0.11 0.00	16.01 -0.03 0.00	16.58 0.03 0.00	19.01 0.19 0.00	20.41 0.02 0.00	22.19 0.02 0.00	22.78 -0.11 0.00	23.15 0.14 0.00	23.81 0.19 0.00	24.65 0.24 0.00	26.18 0.16 0.00	29.15 0.00 0.00	29.00 -0.26 0.00	34.63 -0.46 0.00	38.22 -0.82 -0.04	36.72 -0.18 0.00	34.25 0.41 0.00	30.17 0.30 0.00	28.82 0.17 0.00	24.18 0.02 0.00	21.99 0.30 0.00
UPPER HUDSON___HYD 24058	20.72 1.06 0.00	19.01 0.92 0.00	17.60 0.82 0.00	16.90 0.85 0.00	16.84 0.80 0.00	17.41 0.86 0.00	19.82 1.00 0.00	21.51 1.12 0.00	23.34 1.17 0.00	24.08 1.19 0.00	24.12 1.10 0.00	24.69 1.06 0.00	25.44 1.10 0.07	26.71 0.89 0.20	29.59 1.08 0.64	29.78 1.14 0.63	35.49 1.61 1.21	40.90 2.14 0.24	38.57 2.44 0.78	35.98 2.44 0.30	32.20 2.33 0.00	30.83 2.18 0.00	25.82 1.67 0.00	23.03 1.34 0.00
UPPER RAQUET___HYD 24056	19.17 -0.49 0.00	17.75 -0.34 0.00	16.50 -0.29 0.00	15.76 -0.29 0.00	15.77 -0.27 0.00	16.28 -0.27 0.00	18.31 -0.51 0.00	19.88 -0.51 0.00	21.63 -0.53 0.00	22.25 -0.64 0.00	22.39 -0.62 0.00	22.96 -0.66 0.00	23.75 -0.66 0.00	25.32 -0.70 0.00	28.40 -0.76 0.00	28.56 -0.70 0.00	34.03 -1.05 0.00	37.71 -1.29 0.00	35.65 -1.25 0.00	32.76 -1.08 0.00	28.94 -0.93 0.00	27.88 -0.77 0.00	23.79 -0.36 0.00	21.33 -0.35 0.00
VALLEY44_115KV_TB2 355964	20.07 0.41 0.00	18.24 0.14 0.00	16.75 -0.03 0.00	15.90 -0.14 0.00	15.99 -0.05 0.00	16.70 0.15 0.00	19.12 0.30 0.00	20.56 0.16 0.00	22.19 0.02 0.00	22.73 -0.16 0.00	22.65 -0.37 0.00	23.24 -0.38 0.00	24.09 -0.32 0.00	25.61 -0.42 0.00	28.63 -0.52 0.00	29.27 0.00 0.00	34.91 -0.18 0.00	38.40 -0.66 -0.07	36.76 -0.15 0.00	34.18 0.34 0.00	30.05 0.18 0.00	28.65 0.00 0.00	24.04 -0.12 0.00	21.92 0.24 0.00
VALLEY___115KV_TB 1-4 80826	19.52 -0.14 0.00	17.95 -0.14 0.00	16.73 -0.05 0.00	15.93 -0.11 0.00	15.93 -0.11 0.00	16.43 -0.12 0.00	18.82 0.00 0.00	20.39 0.00 0.00	22.21 0.04 0.00	22.94 0.05 0.00	23.04 0.02 0.00	23.65 0.02 0.00	24.45 0.05 0.00	26.13 0.10 0.00	29.27 0.12 0.00	29.41 0.15 0.00	35.29 0.21 0.00	39.11 0.12 0.00	37.06 0.15 0.00	34.01 0.17 0.00	29.96 0.09 0.00	28.68 0.03 0.00	24.08 -0.07 0.00	21.59 -0.09 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	20.53 0.87 0.00	18.82 0.72 0.00	17.40 0.62 0.00	16.72 0.67 0.00	16.70 0.66 0.00	17.21 0.66 0.00	19.59 0.77 0.00	21.21 0.82 0.00	23.07 0.91 0.00	23.97 1.08 0.00	24.26 1.15 -0.10	25.02 1.20 -0.19	25.93 1.27 -0.25	27.91 1.51 -0.38	31.53 1.78 -0.59	30.85 1.35 -0.24	37.02 1.61 -0.32	41.20 1.68 -0.53	38.84 1.62 -0.31	35.88 1.59 -0.45	31.64 1.43 -0.33	30.24 1.38 -0.22	25.28 1.06 -0.06	22.66 0.98 0.00
VISCHER___FERRY HYD 24020	20.51 0.84 0.00	18.83 0.74 0.00	17.47 0.69 0.00	16.75 0.71 0.00	16.73 0.69 0.00	17.24 0.69 0.00	19.70 0.88 0.00	21.29 0.90 0.00	23.07 0.91 0.00	23.88 0.98 0.00	24.03 1.01 0.00	24.64 1.02 0.00	25.36 1.05 0.09	26.84 1.09 0.27	29.54 1.25 0.87	29.70 1.29 0.86	35.13 1.68 1.63	40.35 2.14 0.79	37.81 1.95 1.05	35.06 1.62 0.40	31.36 1.49 0.00	30.08 1.43 0.00	25.29 1.14 0.00	22.63 0.95 0.00
V_A_10_SYNC_DSASP 323832	19.82 0.16 0.00	18.06 -0.04 0.00	16.55 -0.23 0.00	15.71 -0.34 0.00	15.80 -0.24 0.00	16.38 -0.17 0.00	18.84 0.02 0.00	20.17 -0.22 0.00	21.85 -0.31 0.00	22.39 -0.50 0.00	22.88 -0.14 0.00	23.50 -0.12 0.00	24.36 -0.05 0.00	25.81 -0.21 0.00	28.72 -0.44 0.00	28.42 -0.85 0.00	33.82 -1.26 0.00	37.21 -1.83 -0.05	35.84 -1.07 0.00	33.60 -0.24 0.00	29.60 -0.27 0.00	28.25 -0.40 0.00	23.75 -0.41 0.00	21.70 0.02 0.00
V_CMM_10_SYNC_DSASP 323787	19.17 -0.49 0.00	17.75 -0.34 0.00	16.48 -0.30 0.00	15.74 -0.31 0.00	15.75 -0.29 0.00	16.25 -0.30 0.00	18.35 -0.47 0.00	20.03 -0.37 0.00	21.77 -0.40 0.00	22.46 -0.44 0.00	22.58 -0.44 0.00	23.17 -0.45 0.00	23.92 -0.49 0.00	25.47 -0.55 0.00	28.51 -0.64 0.00	28.65 -0.62 0.00	34.28 -0.81 0.00	38.17 -0.82 0.00	36.06 -0.85 0.00	33.00 -0.84 0.00	29.15 -0.72 0.00	27.96 -0.69 0.00	23.70 -0.46 0.00	21.16 -0.52 0.00
V_CMP_10_SYNC_DSASP 323788	19.92 0.25 0.00	18.42 0.33 0.00	17.05 0.27 0.00	16.37 0.32 0.00	16.39 0.35 0.00	16.96 0.41 0.00	19.06 0.24 0.00	20.86 0.47 0.00	22.67 0.51 0.00	23.35 0.46 0.00	23.47 0.46 0.00	24.07 0.45 0.00	24.89 0.49 0.00	26.57 0.55 0.00	29.71 0.55 0.00	29.88 0.62 0.00	35.68 0.60 0.00	39.89 0.90 0.00	37.61 0.70 0.00	34.35 0.51 0.00	30.26 0.39 0.00	28.94 0.29 0.00	24.42 0.27 0.00	21.83 0.15 0.00
V_E_10_SYNC_DSASP 323830	21.12 1.45 0.00	19.34 1.25 0.00	18.04 1.26 0.00	17.09 1.04 0.00	17.08 1.04 0.00	17.66 1.11 0.00	20.36 1.54 0.00	21.94 1.55 0.00	23.83 1.66 0.00	24.34 1.44 0.00	24.57 1.45 -0.10	25.39 1.56 -0.21	26.31 1.64 -0.27	28.40 1.98 -0.40	32.18 2.39 -0.63	32.19 2.46 -0.46	38.76 3.05 -0.63	42.55 2.89 -0.67	40.83 3.32 -0.60	38.45 3.72 -0.89	33.84 3.32 -0.65	32.17 3.10 -0.42	26.54 2.27 -0.11	23.76 2.08 0.00
V_F_30_NSYNC___DSASP 323816	20.78 1.12 0.00	19.09 0.99 0.00	17.69 0.91 0.00	16.96 0.91 0.00	16.92 0.88 0.00	17.46 0.91 0.00	19.89 1.07 0.00	21.56 1.16 0.00	23.38 1.22 0.00	24.15 1.26 0.00	24.28 1.26 0.00	24.90 1.27 0.00	25.65 1.32 0.07	27.14 1.33 0.21	30.02 1.54 0.68	30.18 1.58 0.67	35.88 2.07 1.27	41.24 2.57 0.32	38.63 2.54 0.82	35.83 2.30 0.31	32.02 2.15 0.00	30.71 2.06 0.00	25.78 1.62 0.00	23.03 1.34 0.00
V_F_30_SYNC_DSASP 323786	20.27 0.61 0.00	18.58 0.49 0.00	17.30 0.52 0.00	16.59 0.55 0.00	16.55 0.51 0.00	17.06 0.51 0.00	19.44 0.62 0.00	21.03 0.63 0.00	22.74 0.58 0.00	23.56 0.66 0.00	23.70 0.69 0.00	24.33 0.71 0.00	25.10 0.76 0.06	26.67 0.83 0.18	29.53 0.96 0.58	29.72 1.02 0.57	35.33 1.33 1.09	40.28 1.68 0.39	37.68 1.48 0.70	34.79 1.22 0.27	31.01 1.14 0.00	29.74 1.09 0.00	25.00 0.85 0.00	22.38 0.69 0.00
V_XM_10_SYNC_DSASP 323789	19.92 0.25 0.00	18.42 0.33 0.00	17.05 0.27 0.00	16.37 0.32 0.00	16.39 0.35 0.00	16.96 0.41 0.00	19.06 0.24 0.00	20.86 0.47 0.00	22.67 0.51 0.00	23.35 0.46 0.00	23.47 0.46 0.00	24.07 0.45 0.00	24.89 0.49 0.00	26.57 0.55 0.00	29.71 0.55 0.00	29.88 0.62 0.00	35.68 0.60 0.00	39.89 0.90 0.00	37.61 0.70 0.00	34.35 0.51 0.00	30.26 0.39 0.00	28.94 0.29 0.00	24.42 0.27 0.00	21.83 0.15 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	20.84 1.18 0.00	19.07 0.98 0.00	17.69 0.91 0.00	16.98 0.93 0.00	16.91 0.87 0.00	17.46 0.91 0.00	19.97 1.15 0.00	21.70 1.31 0.00	23.65 1.49 0.00	24.59 1.69 0.00	24.79 1.77 0.00	25.46 1.84 -0.06	26.37 1.90 -0.18	28.28 2.08 -0.56	32.14 2.42 -0.55	32.28 2.46 -0.55	39.23 3.09 -1.06	44.02 3.55 -1.48	40.58 2.99 -0.68	36.54 2.44 -0.26	32.02 2.15 0.00	30.68 2.03 0.00	25.85 1.69 0.00	23.13 1.45 0.00

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	20.96 1.30 0.00	19.20 1.10 0.00	17.81 1.02 0.00	17.09 1.04 0.00	17.02 0.98 0.00	17.54 0.99 0.00	20.12 1.30 0.00	21.86 1.47 0.00	23.85 1.68 0.00	24.84 1.95 0.00	25.02 2.00 0.00	25.70 2.08 0.00	26.69 2.22 -0.06	28.61 2.39 -0.19	32.51 2.74 -0.61	32.65 2.78 -0.60	39.63 3.40 -1.15	44.52 3.94 -1.59	40.89 3.25 -0.74	36.73 2.61 -0.28	32.17 2.30 0.00	30.86 2.21 0.00	26.04 1.88 0.00	23.29 1.60 0.00
W50THST__13_KV_LOAD 356117	21.04 1.38 0.00	19.27 1.18 0.00	17.87 1.09 0.00	17.15 1.11 0.00	17.08 1.04 0.00	17.61 1.06 0.00	20.23 1.41 0.00	21.98 1.59 0.00	23.98 1.82 0.00	25.00 2.11 0.00	25.18 2.16 0.00	25.84 2.22 0.00	26.84 2.37 -0.06	28.79 2.58 -0.19	32.71 2.94 -0.61	32.82 2.96 -0.60	39.88 3.65 -1.15	44.79 4.21 -1.59	41.12 3.47 -0.74	36.93 2.81 -0.28	32.32 2.45 0.00	31.00 2.35 0.00	26.14 1.98 0.00	23.39 1.71 0.00
WADING RIVER_IC_1 23522	21.30 1.63 -0.01	19.51 1.41 -0.01	17.96 1.17 0.00	17.45 1.40 -0.01	17.46 1.41 -0.01	17.89 1.34 -0.01	20.33 1.51 0.00	22.16 1.75 -0.01	24.19 2.02 -0.01	26.86 2.22 -1.75	29.25 2.09 -4.14	31.14 2.13 -5.39	31.16 2.24 -4.51	31.87 2.42 -3.43	36.78 2.92 -4.71	41.36 3.04 -9.05	40.15 3.68 -1.38	45.20 4.17 -2.03	41.22 3.54 -0.77	37.21 3.08 -0.29	32.55 2.57 -0.11	31.72 2.41 -0.66	30.12 2.22 -3.75	23.65 1.95 -0.02
WADING RIVER_IC_2 23547	21.30 1.63 -0.01	19.51 1.41 -0.01	17.96 1.17 0.00	17.45 1.40 -0.01	17.46 1.41 -0.01	17.89 1.34 -0.01	20.33 1.51 0.00	22.16 1.75 -0.01	24.19 2.02 -0.01	26.86 2.22 -1.75	29.25 2.09 -4.14	31.14 2.13 -5.39	31.16 2.24 -4.51	31.87 2.42 -3.43	36.78 2.92 -4.71	41.36 3.04 -9.05	40.15 3.68 -1.38	45.20 4.17 -2.03	41.22 3.54 -0.77	37.21 3.08 -0.29	32.55 2.57 -0.11	31.72 2.41 -0.66	30.12 2.22 -3.75	23.65 1.95 -0.02
WADING RIVER_IC_3 23601	21.30 1.63 -0.01	19.51 1.41 -0.01	17.96 1.17 0.00	17.45 1.40 -0.01	17.46 1.41 -0.01	17.89 1.34 -0.01	20.33 1.51 0.00	22.16 1.75 -0.01	24.19 2.02 -0.01	26.86 2.22 -1.75	29.25 2.09 -4.14	31.14 2.13 -5.39	31.16 2.24 -4.51	31.87 2.42 -3.43	36.78 2.92 -4.71	41.36 3.04 -9.05	40.15 3.68 -1.38	45.20 4.17 -2.03	41.22 3.54 -0.77	37.21 3.08 -0.29	32.55 2.57 -0.11	31.72 2.41 -0.66	30.12 2.22 -3.75	23.65 1.95 -0.02
WALDENNY_12_KV_BK2 80841	20.21 0.55 0.00	18.36 0.27 0.00	16.82 0.03 0.00	15.93 -0.11 0.00	16.02 -0.02 0.00	16.66 0.12 0.00	19.18 0.36 0.00	20.56 0.16 0.00	22.23 0.07 0.00	22.78 -0.11 0.00	23.06 0.05 0.00	23.69 0.07 0.00	24.65 0.24 0.00	26.15 0.13 0.00	29.07 -0.09 0.00	29.12 -0.15 0.00	34.66 -0.42 0.00	38.00 -1.05 -0.06	36.54 -0.37 0.00	34.28 0.44 0.00	30.17 0.30 0.00	28.76 0.11 0.00	24.13 -0.02 0.00	22.07 0.39 0.00
WALDEN__HYDRO 24148	20.80 1.14 0.00	19.03 0.94 0.00	17.65 0.87 0.00	16.93 0.88 0.00	16.87 0.83 0.00	17.41 0.86 0.00	19.89 1.07 0.00	21.58 1.18 0.00	23.52 1.35 0.00	24.43 1.53 0.00	24.60 1.59 0.00	25.20 1.58 0.00	26.12 1.66 -0.05	27.99 1.82 -0.15	31.72 2.10 -0.47	31.93 2.20 -0.46	38.80 2.84 -0.88	43.60 3.31 -1.29	40.36 2.88 -0.57	36.52 2.47 -0.22	32.02 2.15 0.00	30.68 2.03 0.00	25.80 1.64 0.00	23.11 1.43 0.00
WARRENSBURG____ 23737	20.72 1.06 0.00	19.01 0.92 0.00	17.60 0.82 0.00	16.90 0.85 0.00	16.84 0.80 0.00	17.41 0.86 0.00	19.82 1.00 0.00	21.51 1.12 0.00	23.34 1.17 0.00	24.08 1.19 0.00	24.12 1.10 0.00	24.69 1.06 0.00	25.44 1.10 0.07	26.71 0.89 0.20	29.59 1.08 0.64	29.78 1.14 0.63	35.49 1.61 1.21	40.90 2.14 0.24	38.57 2.44 0.78	35.98 2.44 0.30	32.20 2.33 0.00	30.83 2.18 0.00	25.82 1.67 0.00	23.03 1.34 0.00
WATERSIDE____6 8 9 23538	21.06 1.40 -0.01	19.27 1.18 0.00	17.86 1.07 0.00	17.15 1.11 0.00	17.05 1.01 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.91 2.01 -0.01	25.09 2.07 -0.01	25.77 2.15 0.00	26.75 2.27 -0.07	28.67 2.45 -0.20	32.57 2.80 -0.62	32.71 2.84 -0.61	39.71 3.47 -1.15	44.60 4.02 -1.59	40.93 3.28 -0.74	36.73 2.61 -0.28	32.20 2.33 0.00	30.94 2.29 0.00	26.12 1.96 -0.01	23.35 1.67 0.00
WATKINRD_115KV_LN8_ILLION 55919	19.62 -0.04 0.00	18.04 -0.05 0.00	16.78 0.00 0.00	16.00 -0.05 0.00	15.99 -0.05 0.00	16.50 -0.05 0.00	18.86 0.04 0.00	20.41 0.02 0.00	22.21 0.04 0.00	22.92 0.02 0.00	23.04 0.02 0.00	23.65 0.02 0.00	24.43 0.02 0.00	26.07 0.05 0.00	29.24 0.09 0.00	29.38 0.12 0.00	35.26 0.18 0.00	39.11 0.12 0.00	37.06 0.15 0.00	34.01 0.17 0.00	29.99 0.12 0.00	28.76 0.11 0.00	24.18 0.02 0.00	21.70 0.02 0.00
WATSON____69_KV_BK 1 55734	21.78 2.12 0.00	19.94 1.85 0.00	18.33 1.54 0.00	17.75 1.70 0.00	17.71 1.67 0.00	18.23 1.69 0.00	20.78 1.96 0.00	22.64 2.24 0.00	24.69 2.53 0.00	27.37 2.72 -1.75	29.80 2.65 -4.14	31.72 2.72 -5.39	31.77 2.86 -4.51	32.52 3.07 -3.42	37.48 3.62 -4.71	42.08 3.78 -9.04	41.02 4.56 -1.38	46.20 5.19 -2.03	42.17 4.50 -0.76	38.05 3.93 -0.28	33.30 3.32 -0.12	32.46 3.15 -0.66	30.71 2.80 -3.75	24.19 2.49 -0.02
WDELAWARE__HYD 323627	20.37 0.71 0.00	18.65 0.56 0.00	17.20 0.42 0.00	16.59 0.55 0.00	16.54 0.50 0.00	17.04 0.50 0.00	19.37 0.55 0.00	21.00 0.61 0.00	22.94 0.78 0.00	23.88 0.98 0.00	24.05 1.04 0.00	24.64 1.02 0.00	25.51 1.07 -0.03	27.35 1.22 -0.10	30.94 1.46 -0.33	31.14 1.55 -0.33	37.81 2.10 -0.62	42.45 2.46 -1.00	39.37 2.07 -0.40	35.75 1.76 -0.15	31.36 1.49 0.00	30.08 1.43 0.00	25.27 1.11 0.00	22.63 0.95 0.00
WEST BABYLON__IC 23714	21.71 2.04 0.00	19.88 1.79 0.00	18.29 1.51 0.00	17.68 1.64 0.00	17.63 1.59 0.00	18.17 1.62 0.00	20.72 1.90 0.00	22.58 2.18 0.00	24.60 2.44 0.00	27.28 2.63 -1.75	29.73 2.58 -4.14	31.65 2.65 -5.39	31.70 2.78 -4.51	32.44 2.99 -3.42	37.33 3.47 -4.71	41.94 3.63 -9.04	40.88 4.42 -1.38	46.09 5.07 -2.03	42.10 4.43 -0.76	37.95 3.82 -0.28	33.21 3.23 -0.12	32.38 3.07 -0.66	30.59 2.68 -3.75	24.11 2.41 -0.02
WEST CANADA__HYD 24049	19.74 0.08 0.00	18.15 0.05 0.00	16.85 0.07 0.00	16.09 0.05 0.00	16.09 0.05 0.00	16.58 0.03 0.00	18.91 0.09 0.00	20.45 0.06 0.00	22.23 0.07 0.00	22.96 0.07 0.00	23.08 0.07 0.00	23.69 0.07 0.00	24.48 0.07 0.00	26.13 0.10 0.00	29.27 0.12 0.00	29.41 0.15 0.00	35.26 0.18 0.00	39.15 0.16 0.00	37.09 0.19 0.00	34.04 0.20 0.00	30.05 0.18 0.00	28.79 0.14 0.00	24.25 0.10 0.00	21.79 0.11 0.00
WESTERN_NY_WIND 24143	20.31 0.65 0.00	18.45 0.36 0.00	16.93 0.15 0.00	16.05 0.00 0.00	16.15 0.11 0.00	16.76 0.21 0.00	19.27 0.45 0.00	20.66 0.26 0.00	22.41 0.24 0.00	22.92 0.02 0.00	23.15 0.14 0.00	23.93 0.31 0.00	24.82 0.41 0.00	26.31 0.29 0.00	29.36 0.21 0.00	29.15 -0.12 0.00	34.73 -0.35 0.00	38.22 -0.82 -0.05	36.98 0.07 0.00	34.72 0.88 0.00	30.62 0.75 0.00	29.17 0.52 0.00	24.45 0.29 0.00	22.31 0.63 0.00

WESTOVER___LESR 323668	20.13 0.47 0.00	18.42 0.33 0.00	17.05 0.27 0.00	16.25 0.21 0.00	16.28 0.24 0.00	16.84 0.30 0.00	19.27 0.45 0.00	20.80 0.41 0.00	22.59 0.42 0.00	23.26 0.37 0.00	23.53 0.41 -0.10	24.25 0.43 -0.20	25.10 0.44 -0.26	26.96 0.55 -0.39	30.35 0.58 -0.61	30.34 0.61 -0.46	36.37 0.67 -0.62	40.19 0.55 -0.65	38.28 0.78 -0.59	35.56 0.85 -0.88	31.23 0.72 -0.65	29.73 0.66 -0.42	24.70 0.43 -0.11	22.22 0.54 0.00
WETHRSFD_WT_PWR 323626	20.19 0.53 0.00	18.35 0.25 0.00	16.85 0.07 0.00	16.00 -0.05 0.00	16.07 0.03 0.00	16.71 0.17 0.00	19.20 0.38 0.00	20.60 0.20 0.00	22.30 0.13 0.00	22.85 -0.05 0.00	22.99 -0.02 0.00	23.74 0.12 0.00	24.62 0.22 0.00	26.18 0.16 0.00	29.21 0.06 0.00	29.21 -0.06 0.00	34.80 -0.28 0.00	38.24 -0.82 -0.07	36.69 -0.22 0.00	34.18 0.34 0.00	30.08 0.21 0.00	28.71 0.06 0.00	24.08 -0.07 0.00	22.01 0.33 0.00
WHAVSTOR_138KV_BK127 55557	20.74 1.08 0.00	19.00 0.90 0.00	17.62 0.84 0.00	16.91 0.87 0.00	16.84 0.80 0.00	17.37 0.83 0.00	19.89 1.07 0.00	21.60 1.20 0.00	23.54 1.37 0.00	24.47 1.58 0.00	24.67 1.66 0.00	25.32 1.70 0.00	26.25 1.78 -0.06	28.12 1.93 -0.18	31.96 2.24 -0.57	32.11 2.28 -0.56	39.02 2.88 -1.06	43.79 3.31 -1.48	40.32 2.73 -0.68	36.33 2.23 -0.26	31.84 1.97 0.00	30.51 1.86 0.00	25.73 1.57 0.00	23.03 1.34 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	20.74 1.08 0.00	19.00 0.90 0.00	17.62 0.84 0.00	16.91 0.87 0.00	16.84 0.80 0.00	17.37 0.83 0.00	19.89 1.07 0.00	21.60 1.20 0.00	23.54 1.37 0.00	24.47 1.58 0.00	24.67 1.66 0.00	25.32 1.70 0.00	26.25 1.78 -0.06	28.12 1.93 -0.18	31.96 2.24 -0.57	32.11 2.28 -0.56	39.02 2.88 -1.06	43.79 3.31 -1.48	40.32 2.73 -0.68	36.33 2.23 -0.26	31.84 1.97 0.00	30.51 1.86 0.00	25.73 1.57 0.00	23.03 1.34 0.00
WHITEHAL_115KV_TB1 80871	21.25 1.59 0.00	19.50 1.41 0.00	18.02 1.24 0.00	17.33 1.28 0.00	17.26 1.22 0.00	17.87 1.32 0.00	20.34 1.52 0.00	22.15 1.75 0.00	23.98 1.82 0.00	24.70 1.81 0.00	24.76 1.75 0.00	25.37 1.75 0.00	26.07 1.73 0.07	27.40 1.59 0.21	30.42 1.92 0.66	30.58 1.96 0.65	36.55 2.70 1.24	42.11 3.39 0.28	39.84 3.73 0.80	37.13 3.59 0.29	33.37 3.49 0.00	31.92 3.27 0.00	26.67 2.51 0.00	23.70 2.02 0.00
WHITEPLN_13_KV_LOAD 356215	20.96 1.30 0.00	19.21 1.12 0.00	17.84 1.06 0.00	17.07 1.03 0.00	17.02 0.98 0.00	17.52 0.98 0.00	20.17 1.36 0.00	21.92 1.53 0.00	23.89 1.73 0.00	24.93 2.04 0.00	25.13 2.12 0.00	25.75 2.13 0.00	26.74 2.27 -0.06	28.66 2.45 -0.19	32.59 2.83 -0.61	32.71 2.84 -0.60	39.80 3.58 -1.14	44.67 4.09 -1.58	41.11 3.47 -0.74	37.00 2.88 -0.28	32.38 2.51 0.00	31.03 2.38 0.00	26.11 1.96 0.00	23.39 1.71 0.00
WM_FLOYD_69_KV_BK2 356380	21.47 1.81 0.00	19.67 1.57 0.00	18.11 1.33 0.00	17.55 1.51 0.00	17.55 1.51 0.00	18.02 1.47 0.00	20.49 1.67 0.00	22.33 1.94 0.00	24.38 2.22 0.00	27.05 2.40 -1.75	29.39 2.23 -4.14	31.32 2.31 -5.39	31.33 2.42 -4.51	32.08 2.63 -3.42	36.98 3.12 -4.71	41.59 3.28 -9.04	40.39 3.93 -1.38	45.46 4.45 -2.03	41.51 3.84 -0.76	37.44 3.32 -0.28	32.79 2.81 -0.11	31.95 2.64 -0.66	30.34 2.44 -3.75	23.85 2.15 -0.02
WOODARD__115KV_TB2 355635	19.66 0.00 0.00	18.04 -0.05 0.00	16.71 -0.07 0.00	15.92 -0.13 0.00	15.94 -0.10 0.00	16.46 -0.08 0.00	18.82 0.00 0.00	20.29 -0.10 0.00	22.05 -0.11 0.00	22.76 -0.14 0.00	23.04 -0.14 -0.16	23.81 -0.14 -0.33	24.71 -0.12 -0.43	26.58 -0.08 -0.64	30.01 -0.15 -1.00	29.91 -0.15 -0.79	35.91 -0.25 -1.07	39.49 -0.43 -0.93	37.71 -0.22 -1.02	35.25 -0.10 -1.51	30.86 -0.12 -1.11	29.28 -0.09 -0.72	24.17 -0.17 -0.19	21.68 0.00 0.00
YORK___WARBASSE 23770	21.16 1.49 -0.01	19.34 1.25 0.00	17.91 1.12 0.00	17.17 1.12 0.00	17.08 1.04 0.00	17.52 0.98 0.00	20.10 1.28 0.00	21.84 1.45 0.00	23.83 1.66 0.00	24.96 2.06 -0.01	25.14 2.12 -0.01	25.79 2.17 0.00	26.80 2.32 -0.07	28.75 2.52 -0.20	32.69 2.92 -0.62	32.80 2.93 -0.61	39.92 3.68 -1.16	44.84 4.25 -1.60	41.15 3.51 -0.74	36.86 2.74 -0.28	32.29 2.42 0.00	31.03 2.38 0.00	26.24 2.08 -0.01	23.46 1.78 0.00