

# Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$															--- Marginal Cost of Losses															--- Marginal Cost of Congestion															10/05/2023	
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00																							
59TH STREET_GT_1	24138	22.77	20.27	19.61	18.09	18.55	19.96	25.97	30.02	28.75	26.76	25.74	26.05	27.88	28.14	29.56	32.67	34.34	45.23	41.27	38.25	30.86	27.02	25.34	22.44																							
		1.53	1.27	1.23	1.00	1.08	1.17	1.62	1.75	1.79	2.21	2.12	2.01	2.25	2.34	2.38	2.54	2.62	3.45	3.27	3.04	2.19	1.96	1.66	1.47																							
		0.00	0.00	0.00	-0.93	0.00	0.00	-3.00	-6.95	-5.64	-0.28	-0.07	-0.06	-0.03	-0.03	-0.13	-0.21	-0.11	-3.82	-0.83	-0.69	-3.17	-2.03	-2.38	-0.54																							
74TH STREET_GT_1	24260	22.79	20.31	19.63	18.12	18.57	19.97	25.99	30.00	28.73	26.72	25.67	26.01	27.88	28.11	29.50	32.64	34.28	45.15	41.24	38.25	30.84	27.03	25.36	22.39																							
		1.55	1.31	1.25	1.03	1.10	1.18	1.64	1.73	1.77	2.16	2.05	1.97	2.25	2.32	2.33	2.51	2.56	3.38	3.23	3.04	2.17	1.96	1.68	1.43																							
		0.00	0.00	0.00	-0.93	0.00	0.00	-3.00	-6.95	-5.64	-0.28	-0.07	-0.06	-0.03	-0.03	-0.13	-0.21	-0.11	-3.82	-0.83	-0.69	-3.17	-2.03	-2.38	-0.54																							
74TH STREET_GT_2	24261	22.79	20.31	19.63	18.12	18.57	19.97	25.99	30.00	28.73	26.72	25.67	26.01	27.88	28.11	29.50	32.64	34.28	45.15	41.24	38.25	30.84	27.03	25.36	22.39																							
		1.55	1.31	1.25	1.03	1.10	1.18	1.64	1.73	1.77	2.16	2.05	1.97	2.25	2.32	2.33	2.51	2.56	3.38	3.23	3.04	2.17	1.96	1.68	1.43																							
		0.00	0.00	0.00	-0.93	0.00	0.00	-3.00	-6.95	-5.64	-0.28	-0.07	-0.06	-0.03	-0.03	-0.13	-0.21	-0.11	-3.82	-0.83	-0.69	-3.17	-2.03	-2.38	-0.54																							
ADK HUDSON___FALLS	24011	22.60	20.18	19.50	18.34	18.57	19.97	26.81	32.08	30.19	26.10	25.13	25.59	27.09	27.13	28.34	31.40	33.39	41.98	40.27	37.43	32.57	27.54	25.87	22.81																							
		1.36	1.18	1.12	0.95	1.10	1.18	1.49	1.58	1.47	1.72	1.58	1.61	1.48	1.37	1.43	1.71	1.74	2.39	2.79	2.66	2.17	1.82	1.43	1.67																							
		0.00	0.00	0.00	-1.22	0.00	0.00	-3.97	-9.19	-7.40	-0.10	0.00	0.00	0.00	0.00	0.14	0.23	-0.04	-1.63	-0.31	-0.26	-4.91	-2.68	-3.15	-0.72																							
ADK RESOURCE___RCVRY	23798	22.77	20.29	19.61	18.44	18.67	20.09	26.96	32.28	30.36	26.29	25.30	25.78	27.24	27.28	28.48	31.58	33.55	42.20	40.56	37.68	32.80	27.70	26.00	22.57																							
		1.53	1.29	1.23	1.05	1.20	1.30	1.64	1.77	1.64	1.92	1.74	1.80	1.64	1.52	1.57	1.89	1.90	2.62	3.08	2.90	2.40	1.98	1.55	1.43																							
		0.00	0.00	0.00	-1.23	0.00	0.00	-3.97	-9.19	-7.40	-0.10	0.00	0.00	0.00	0.00	0.14	0.23	-0.04	-1.62	-0.31	-0.26	-4.91	-2.68	-3.15	-0.72																							
ADK S GLENS___FALLS	24028	22.60	20.18	19.50	18.34	18.57	19.97	26.81	32.08	30.19	26.10	25.13	25.59	27.09	27.13	28.34	31.40	33.39	41.98	40.27	37.43	32.57	27.54	25.87	22.81																							
		1.36	1.18	1.12	0.95	1.10	1.18	1.49	1.58	1.47	1.72	1.58	1.61	1.48	1.37	1.43	1.71	1.74	2.39	2.79	2.66	2.17	1.82	1.43	1.67																							
		0.00	0.00	0.00	-1.22	0.00	0.00	-3.97	-9.19	-7.40	-0.10	0.00	0.00	0.00	0.00	0.14	0.23	-0.04	-1.63	-0.31	-0.26	-4.91	-2.68	-3.15	-0.72																							
ADK_NYS___DAM	23527	22.23	19.93	19.20	18.14	18.36	19.75	26.43	31.44	29.73	25.77	24.73	25.06	26.73	26.89	27.98	30.90	33.21	42.00	39.74	36.84	31.68	27.11	25.52	22.20																							
		1.00	0.93	0.83	0.79	0.89	0.96	1.24	1.21	1.24	1.38	1.18	1.08	1.13	1.13	1.22	1.44	1.55	2.24	2.23	2.04	1.63	1.48	1.17	1.08																							
		0.00	0.00	0.00	-1.19	0.00	0.00	-3.85	-8.91	-7.18	-0.11	0.00	0.00	0.00	0.01	0.28	0.46	-0.05	-1.80	-0.34	-0.29	-4.55	-2.60	-3.05	-0.69																							
AIR_PRODUCTS___DRP	24190	21.62	19.36	18.76	17.73	17.87	19.19	25.68	30.76	28.97	24.94	23.98	24.34	26.06	26.20	27.39	30.29	32.28	40.59	38.49	35.71	30.63	26.29	24.81	21.49																							
		0.38	0.36	0.39	0.37	0.40	0.39	0.47	0.49	0.45	0.56	0.42	0.36	0.46	0.44	0.46	0.57	0.63	0.95	1.00	0.93	0.71	0.65	0.45	0.37																							
		0.00	0.00	0.00	-1.19	0.00	0.00	-3.87	-8.95	-7.20	-0.11	0.00	0.00	0.00	0.00	0.12	0.20	-0.04	-1.69	-0.32	-0.26	-4.42	-2.61	-3.06	-0.70																							
AKWESSNE_115KV_BK	355683	20.85	18.66	18.03	15.90	17.17	18.47	20.87	20.85	20.87	23.69	23.11	23.55	25.12	25.33	26.59	29.53	31.14	37.28	36.54	33.83	24.99	22.53	20.83	19.97																							
		-0.38	-0.34	-0.35	-0.26	-0.30	-0.32	-0.47	-0.47	-0.45	-0.58	-0.45	-0.43	-0.49	-0.44	-0.46	-0.39	-0.47	-0.68	-0.63	-0.69	-0.51	-0.51	-0.47	-0.45																							
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00																							
ALBANY___1	23571	21.62	19.36	18.76	17.73	17.87	19.19	25.68	30.76	28.97	24.94	23.98	24.34	26.06	26.20	27.39	30.29	32.28	40.59	38.49	35.71	30.63	26.29	24.81	21.49																							
		0.38	0.36	0.39	0.37	0.40	0.39	0.47	0.49	0.45	0.56	0.42	0.36	0.46	0.44	0.46	0.57	0.63	0.95	1.00	0.93	0.71	0.65	0.45	0.37																							
		0.00	0.00	0.00	-1.19	0.00	0.00	-3.87	-8.95	-7.20	-0.11	0.00	0.00	0.00	0.00	0.12	0.20	-0.04	-1.69	-0.32	-0.26	-4.42	-2.61	-3.06	-0.70																							
ALBANY___2	23572	21.62	19.36	18.76	17.73	17.87	19.19	25.68	30.76	28.97	24.94	23.98	24.34	26.06	26.20	27.39	30.29	32.28	40.59	38.49	35.71	30.63	26.29	24.81	21.49																							
		0.38	0.36	0.39	0.37	0.40	0.39	0.47	0.49	0.45	0.56	0.42	0.36	0.46	0.44	0.46	0.57	0.63	0.95	1.00	0.93	0.71	0.65	0.45	0.37																							
		0.00	0.00	0.00	-1.19	0.00	0.00	-3.87	-8.95	-7.20	-0.11	0.00	0.00	0.00	0.00	0.12	0.20	-0.04	-1.69	-0.32	-0.26	-4.42	-2.61	-3.06	-0.70																							
ALBANY___3	23573	21.62	19.36	18.76	17.73	17.87	19.19	25.68	30.76	28.97	24.94	23.98	24.34	26.06	26.20	27.39	30.29	32.28	40.59	38.49	35.71	30.63	26.29	24.81	21.49																							
		0.38	0.36	0.39	0.37	0.40	0.39	0.47	0.49	0.45	0.56	0.42	0.36	0.46	0.44	0.46	0.57	0.63	0.95	1.00	0.93	0.71	0.65	0.45	0.37																							
		0.00	0.00	0.00	-1.19	0.00	0.00	-3.87	-8.95	-7.20	-0.11	0.00	0.00	0.00	0.00	0.12	0.20	-0.04	-1.69	-0.32	-0.26	-4.42	-2.61	-3.06	-0.70																							

ALBANY___4 23574	21.62 0.38 0.00	19.36 0.36 0.00	18.76 0.39 0.00	17.73 0.37 -1.19	17.87 0.40 0.00	19.19 0.39 0.00	25.68 0.47 -3.87	30.76 0.49 -8.95	28.97 0.45 -7.20	24.94 0.56 -0.11	23.98 0.42 0.00	24.34 0.36 0.00	26.06 0.46 0.00	26.20 0.44 0.00	27.39 0.46 0.12	30.29 0.57 0.20	32.28 0.63 -0.04	40.59 0.95 -1.69	38.49 1.00 -0.32	35.71 0.93 -0.26	30.63 0.71 -4.42	26.29 0.65 -2.61	24.81 0.45 -3.06	21.49 0.37 -0.70
ALBANY___LFGE 323615	21.85 0.62 0.00	19.55 0.55 0.00	18.91 0.53 0.00	17.88 0.52 -1.20	18.05 0.58 0.00	19.37 0.58 0.00	25.94 0.70 -3.89	31.05 0.73 -9.00	29.27 0.70 -7.25	25.20 0.83 -0.11	24.26 0.71 0.00	24.63 0.65 0.00	26.32 0.72 0.00	26.49 0.72 0.00	27.67 0.76 0.13	30.61 0.90 0.21	32.60 0.95 -0.04	41.04 1.41 -1.68	38.90 1.41 -0.32	36.09 1.31 -0.26	31.07 1.02 -4.56	26.56 0.90 -2.63	25.04 0.66 -3.08	21.72 0.59 -0.70
ALCOA_PA_115KV_PL-6C 55860	20.88 -0.36 0.00	18.66 -0.34 0.00	18.05 -0.33 0.00	15.92 -0.24 0.00	17.19 -0.28 0.00	18.49 -0.30 0.00	20.89 -0.45 0.00	20.87 -0.45 0.00	20.89 -0.43 0.00	23.71 -0.56 0.00	23.13 -0.42 0.00	23.60 -0.38 0.00	25.14 -0.46 0.00	25.36 -0.41 0.00	26.64 -0.41 0.00	29.56 -0.36 0.00	31.20 -0.41 0.00	37.31 -0.65 0.00	36.54 -0.63 0.00	33.83 -0.69 0.00	24.96 -0.54 0.00	22.53 -0.51 0.00	20.85 -0.45 0.00	19.97 -0.45 0.00
ALCOA_RYNLDS___DRP 24188	20.88 -0.36 0.00	18.66 -0.34 0.00	18.05 -0.33 0.00	15.92 -0.24 0.00	17.19 -0.28 0.00	18.49 -0.30 0.00	20.89 -0.45 0.00	20.87 -0.45 0.00	20.89 -0.43 0.00	23.71 -0.56 0.00	23.13 -0.42 0.00	23.60 -0.38 0.00	25.14 -0.46 0.00	25.36 -0.41 0.00	26.64 -0.41 0.00	29.56 -0.36 0.00	31.20 -0.41 0.00	37.31 -0.65 0.00	36.54 -0.63 0.00	33.83 -0.69 0.00	24.96 -0.54 0.00	22.53 -0.51 0.00	20.85 -0.45 0.00	19.97 -0.45 0.00
ALCOA___DSASP 323711	20.85 -0.38 0.00	18.66 -0.34 0.00	18.05 -0.33 0.00	15.92 -0.24 0.00	17.19 -0.28 0.00	18.49 -0.30 0.00	20.89 -0.45 0.00	20.87 -0.45 0.00	20.89 -0.43 0.00	23.72 -0.56 0.00	23.13 -0.42 0.00	23.60 -0.38 0.00	25.14 -0.46 0.00	25.36 -0.41 0.00	26.64 -0.40 0.00	29.56 -0.36 0.00	31.20 -0.41 0.00	37.31 -0.65 0.00	36.50 -0.67 0.00	33.79 -0.73 0.00	24.96 -0.54 0.00	22.51 -0.53 0.00	20.85 -0.45 0.00	19.93 -0.49 0.00
ALLEGHENY___COGEN 23514	22.11 0.87 0.00	19.78 0.78 0.00	19.11 0.74 0.00	16.82 0.50 -0.16	18.13 0.66 0.00	19.69 0.90 0.00	22.73 0.88 -0.51	27.33 0.94 -5.08	23.65 0.81 -1.52	25.27 1.00 0.00	24.64 1.08 0.00	25.35 1.37 0.00	27.01 1.41 0.00	26.98 1.21 0.00	28.43 1.38 0.00	31.51 1.58 0.00	33.47 1.86 0.00	40.31 2.35 0.00	39.51 2.34 0.00	36.87 2.35 0.00	29.36 1.53 -2.33	25.80 1.24 -1.52	22.58 0.87 -0.40	21.43 0.92 -0.09
ALTAMONT_115KV_TB 2 55880	21.87 0.64 0.00	19.59 0.59 0.00	18.96 0.59 0.00	17.87 0.52 -1.20	18.05 0.58 0.00	19.37 0.58 0.00	25.94 0.73 -3.88	31.03 0.75 -8.97	29.27 0.72 -7.22	25.25 0.87 -0.10	24.31 0.75 0.00	24.70 0.72 0.00	26.40 0.79 0.00	26.57 0.80 0.00	27.77 0.81 0.09	30.74 0.96 0.14	32.66 1.01 -0.04	41.00 1.40 -1.64	38.89 1.41 -0.31	36.12 1.35 -0.26	30.89 1.05 -4.34	26.58 0.92 -2.62	25.09 0.72 -3.07	21.75 0.63 -0.70
ALTONA_WT_PWR 323606	20.60 -0.64 0.00	18.39 -0.61 0.00	17.75 -0.62 0.00	15.61 -0.55 0.00	16.86 -0.61 0.00	18.15 -0.64 0.00	20.53 -0.81 0.00	20.49 -0.83 0.00	20.70 -0.62 0.00	23.55 -0.73 0.00	23.27 -0.28 0.00	23.76 -0.22 0.00	25.27 -0.33 0.00	25.56 -0.21 0.00	26.72 -0.32 0.00	29.65 -0.27 0.00	31.55 -0.06 0.00	37.69 -0.26 0.00	36.76 -0.41 0.00	33.76 -0.76 0.00	24.76 -0.74 0.00	22.14 -0.90 0.00	20.36 -0.94 0.00	19.30 -1.12 0.00
AMERICAN_REF_FUEL 24010	20.28 -0.96 0.00	18.34 -0.67 0.00	17.66 -0.72 0.00	15.56 -0.74 -0.14	16.77 -0.70 0.00	18.19 -0.60 0.00	20.85 -0.96 -0.47	19.90 -1.21 0.21	20.75 -1.26 -0.69	23.06 -1.21 0.00	22.71 -0.85 0.00	23.43 -0.55 0.00	24.99 -0.61 0.00	24.92 -0.85 0.00	26.24 -0.81 0.00	28.90 -1.02 0.00	30.35 -1.27 0.00	35.98 -1.98 0.00	34.94 -2.23 0.00	32.65 -1.86 0.00	24.09 -1.33 0.08	21.88 -1.11 0.05	20.67 -1.00 -0.37	19.83 -0.67 -0.08
ARKWRIGHT___SUMMIT_WT_PWR 323751	20.77 -0.47 0.00	18.72 -0.28 0.00	18.05 -0.33 0.00	15.61 -0.71 -0.16	17.12 -0.35 0.00	18.58 -0.21 0.00	21.05 -0.81 -0.52	20.38 -0.92 0.02	21.16 -0.96 -0.80	23.98 -0.29 0.00	23.74 0.19 0.00	24.60 0.62 0.00	26.22 0.61 0.00	26.23 0.46 0.00	27.64 0.59 0.00	30.46 0.54 0.00	32.11 0.50 0.00	38.15 0.19 0.00	36.91 -0.26 0.00	34.38 -0.14 0.00	25.21 -0.28 0.01	22.58 -0.46 0.00	21.07 -0.64 -0.41	20.50 -0.02 -0.09
ARTHUR_KILL_GT_1 23520	22.79 1.55 -0.01	20.34 1.33 -0.01	19.62 1.23 -0.01	18.18 1.08 -0.94	18.68 1.20 -0.01	20.03 1.24 0.00	25.91 1.56 -3.01	29.88 1.60 -6.96	28.60 1.64 -5.64	26.59 2.04 -0.27	25.59 1.98 -0.06	25.90 1.87 -0.05	27.72 2.10 -0.02	27.98 2.19 -0.02	29.38 2.22 -0.12	32.54 2.42 -0.20	33.15 2.56 1.02	39.91 3.34 1.39	32.85 3.16 7.48	31.35 3.07 6.24	30.73 2.06 -3.17	26.94 1.87 -2.04	25.36 1.68 -2.38	22.55 1.57 -0.55
ARTHUR_KILL_2 23512	22.73 1.49 -0.01	20.28 1.27 -0.01	19.58 1.19 -0.01	18.13 1.04 -0.94	18.63 1.15 -0.01	19.99 1.20 0.00	25.85 1.49 -3.01	29.82 1.54 -6.96	28.55 1.60 -5.64	26.54 1.99 -0.27	25.52 1.91 -0.06	25.83 1.80 -0.05	27.64 2.02 -0.02	27.92 2.14 -0.02	29.30 2.14 -0.12	32.46 2.34 -0.20	33.06 2.47 1.02	39.79 3.22 1.39	32.70 3.01 7.48	31.21 2.93 6.24	30.68 2.01 -3.17	26.87 1.80 -2.04	25.30 1.62 -2.38	22.48 1.51 -0.55
ARTHUR_KILL_3 23513	22.58 1.34 0.00	20.10 1.10 0.00	19.46 1.08 0.00	17.96 0.87 -0.93	18.39 0.93 0.00	19.79 1.00 0.00	25.80 1.45 -3.00	29.81 1.54 -6.95	28.52 1.56 -5.64	26.47 1.92 -0.28	25.44 1.81 -0.07	25.77 1.73 -0.06	27.57 1.94 -0.03	27.86 2.06 -0.03	29.20 2.03 -0.13	32.25 2.12 -0.21	32.75 2.15 1.01	39.50 2.92 1.38	32.49 2.79 7.47	30.88 2.59 6.23	30.58 1.91 -3.17	26.82 1.75 -2.03	25.15 1.47 -2.38	22.25 1.29 -0.54
ARTHUR_KILL_COGEN 323718	22.79 1.55 -0.01	20.34 1.33 -0.01	19.62 1.23 -0.01	18.18 1.08 -0.94	18.68 1.20 -0.01	20.03 1.24 0.00	25.91 1.56 -3.01	29.88 1.60 -6.96	28.60 1.64 -5.64	26.59 2.04 -0.27	25.59 1.98 -0.06	25.90 1.87 -0.05	27.72 2.10 -0.02	27.98 2.19 -0.02	29.38 2.22 -0.12	32.54 2.42 -0.20	33.15 2.56 1.02	39.91 3.34 1.39	32.85 3.16 7.48	31.35 3.07 6.24	30.73 2.06 -3.17	26.94 1.87 -2.04	25.36 1.68 -2.38	22.55 1.57 -0.55
ASHOKAN____ 23654	22.28 1.04 0.00	19.86 0.86 0.00	19.18 0.81 0.00	17.94 0.71 -1.06	18.13 0.66 0.00	19.35 0.56 0.00	25.49 0.70 -3.45	29.94 0.64 -7.98	28.32 0.58 -6.43	25.11 0.70 -0.13	24.14 0.59 0.00	24.41 0.43 0.00	26.06 0.46 0.00	26.26 0.49 0.00	28.02 1.00 0.02	31.20 1.32 0.04	33.15 1.52 -0.03	42.17 2.28 -1.93	39.82 2.45 -0.20	37.20 2.52 -0.16	30.10 0.82 -3.78	26.50 1.13 -2.33	24.91 0.87 -2.73	21.90 0.86 -0.62

ASTORIA_EAST_ENERGY_CC1 323581	22.60 1.36 -0.01	20.13 1.12 -0.01	19.49 1.10 -0.01	18.00 0.90 -0.94	18.46 0.98 -0.01	19.83 1.05 0.01	25.81 1.47 -3.00	29.82 1.56 -6.95	28.57 1.62 -5.64	26.61 2.06 -0.27	25.57 1.95 -0.06	25.90 1.87 -0.05	27.69 2.07 -0.02	27.95 2.16 -0.02	29.28 2.11 -0.12	32.39 2.27 -0.20	34.02 2.31 -0.10	44.69 2.92 -3.81	40.78 2.79 -0.82	37.93 2.73 -0.69	30.65 1.99 -3.17	26.86 1.80 -2.02	25.18 1.51 -2.37	22.30 1.33 -0.55
ASTORIA_EAST_ENERGY_CC2 323582	22.60 1.36 -0.01	20.13 1.12 -0.01	19.49 1.10 -0.01	18.00 0.90 -0.94	18.46 0.98 -0.01	19.83 1.05 0.01	25.81 1.47 -3.00	29.82 1.56 -6.95	28.57 1.62 -5.64	26.61 2.06 -0.27	25.57 1.95 -0.06	25.90 1.87 -0.05	27.69 2.07 -0.02	27.95 2.16 -0.02	29.28 2.11 -0.12	32.39 2.27 -0.20	34.02 2.31 -0.10	44.69 2.92 -3.81	40.78 2.79 -0.82	37.93 2.73 -0.69	30.65 1.99 -3.17	26.86 1.80 -2.02	25.18 1.51 -2.37	22.30 1.33 -0.55
ASTORIA_GT2_1 24094	22.57 1.34 0.00	20.14 1.14 0.00	19.48 1.10 0.00	17.99 0.91 -0.93	18.43 0.96 0.00	19.86 1.07 0.00	25.80 1.47 -2.99	29.83 1.58 -6.94	28.62 1.66 -5.64	26.64 2.09 -0.27	25.57 1.96 -0.06	25.90 1.87 -0.05	27.77 2.15 -0.02	28.00 2.22 -0.02	29.30 2.14 -0.12	32.46 2.33 -0.20	34.01 2.31 -0.10	44.70 2.92 -3.82	40.79 2.79 -0.83	37.94 2.73 -0.69	30.67 2.01 -3.16	26.87 1.82 -2.01	25.21 1.53 -2.38	22.23 1.27 -0.54
ASTORIA_GT2_2 24095	22.57 1.34 0.00	20.14 1.14 0.00	19.48 1.10 0.00	17.99 0.91 -0.93	18.43 0.96 0.00	19.86 1.07 0.00	25.80 1.47 -2.99	29.83 1.58 -6.94	28.62 1.66 -5.64	26.64 2.09 -0.27	25.57 1.96 -0.06	25.90 1.87 -0.05	27.77 2.15 -0.02	28.00 2.22 -0.02	29.30 2.14 -0.12	32.46 2.33 -0.20	34.01 2.31 -0.10	44.70 2.92 -3.82	40.79 2.79 -0.83	37.94 2.73 -0.69	30.67 2.01 -3.16	26.87 1.82 -2.01	25.21 1.53 -2.38	22.23 1.27 -0.54
ASTORIA_GT2_3 24096	22.57 1.34 0.00	20.14 1.14 0.00	19.48 1.10 0.00	17.99 0.91 -0.93	18.43 0.96 0.00	19.86 1.07 0.00	25.80 1.47 -2.99	29.83 1.58 -6.94	28.62 1.66 -5.64	26.64 2.09 -0.27	25.57 1.96 -0.06	25.90 1.87 -0.05	27.77 2.15 -0.02	28.00 2.22 -0.02	29.30 2.14 -0.12	32.46 2.33 -0.20	34.01 2.31 -0.10	44.70 2.92 -3.82	40.79 2.79 -0.83	37.94 2.73 -0.69	30.67 2.01 -3.16	26.87 1.82 -2.01	25.21 1.53 -2.38	22.23 1.27 -0.54
ASTORIA_GT2_4 24097	22.57 1.34 0.00	20.14 1.14 0.00	19.48 1.10 0.00	17.99 0.91 -0.93	18.43 0.96 0.00	19.86 1.07 0.00	25.80 1.47 -2.99	29.83 1.58 -6.94	28.62 1.66 -5.64	26.64 2.09 -0.27	25.57 1.96 -0.06	25.90 1.87 -0.05	27.77 2.15 -0.02	28.00 2.22 -0.02	29.30 2.14 -0.12	32.46 2.33 -0.20	34.01 2.31 -0.10	44.70 2.92 -3.82	40.79 2.79 -0.83	37.94 2.73 -0.69	30.67 2.01 -3.16	26.87 1.82 -2.01	25.21 1.53 -2.38	22.23 1.27 -0.54
ASTORIA_GT3_1 24098	22.57 1.34 0.00	20.14 1.14 0.00	19.48 1.10 0.00	17.99 0.91 -0.93	18.43 0.96 0.00	19.86 1.07 0.00	25.80 1.47 -2.99	29.83 1.58 -6.94	28.62 1.66 -5.64	26.64 2.09 -0.27	25.57 1.96 -0.06	25.90 1.87 -0.05	27.77 2.15 -0.02	28.00 2.22 -0.02	29.30 2.14 -0.12	32.46 2.33 -0.20	34.01 2.31 -0.10	44.70 2.92 -3.82	40.79 2.79 -0.83	37.94 2.73 -0.69	30.67 2.01 -3.16	26.87 1.82 -2.01	25.21 1.53 -2.38	22.23 1.27 -0.54
ASTORIA_GT3_2 24099	22.57 1.34 0.00	20.14 1.14 0.00	19.48 1.10 0.00	17.99 0.91 -0.93	18.43 0.96 0.00	19.86 1.07 0.00	25.80 1.47 -2.99	29.83 1.58 -6.94	28.62 1.66 -5.64	26.64 2.09 -0.27	25.57 1.96 -0.06	25.90 1.87 -0.05	27.77 2.15 -0.02	28.00 2.22 -0.02	29.30 2.14 -0.12	32.46 2.33 -0.20	34.01 2.31 -0.10	44.70 2.92 -3.82	40.79 2.79 -0.83	37.94 2.73 -0.69	30.67 2.01 -3.16	26.87 1.82 -2.01	25.21 1.53 -2.38	22.23 1.27 -0.54
ASTORIA_GT3_3 24100	22.57 1.34 0.00	20.14 1.14 0.00	19.48 1.10 0.00	17.99 0.91 -0.93	18.43 0.96 0.00	19.86 1.07 0.00	25.80 1.47 -2.99	29.83 1.58 -6.94	28.62 1.66 -5.64	26.64 2.09 -0.27	25.57 1.96 -0.06	25.90 1.87 -0.05	27.77 2.15 -0.02	28.00 2.22 -0.02	29.30 2.14 -0.12	32.46 2.33 -0.20	34.01 2.31 -0.10	44.70 2.92 -3.82	40.79 2.79 -0.83	37.94 2.73 -0.69	30.67 2.01 -3.16	26.87 1.82 -2.01	25.21 1.53 -2.38	22.23 1.27 -0.54
ASTORIA_GT3_4 24101	22.57 1.34 0.00	20.14 1.14 0.00	19.48 1.10 0.00	17.99 0.91 -0.93	18.43 0.96 0.00	19.86 1.07 0.00	25.80 1.47 -2.99	29.83 1.58 -6.94	28.62 1.66 -5.64	26.64 2.09 -0.27	25.57 1.96 -0.06	25.90 1.87 -0.05	27.77 2.15 -0.02	28.00 2.22 -0.02	29.30 2.14 -0.12	32.46 2.33 -0.20	34.01 2.31 -0.10	44.70 2.92 -3.82	40.79 2.79 -0.83	37.94 2.73 -0.69	30.67 2.01 -3.16	26.87 1.82 -2.01	25.21 1.53 -2.38	22.23 1.27 -0.54
ASTORIA_GT4_1 24102	22.57 1.34 0.00	20.14 1.14 0.00	19.48 1.10 0.00	17.99 0.91 -0.93	18.43 0.96 0.00	19.86 1.07 0.00	25.80 1.47 -2.99	29.83 1.58 -6.94	28.62 1.66 -5.64	26.64 2.09 -0.27	25.57 1.96 -0.06	25.90 1.87 -0.05	27.77 2.15 -0.02	28.00 2.22 -0.02	29.30 2.14 -0.12	32.46 2.33 -0.20	34.01 2.31 -0.10	44.70 2.92 -3.82	40.79 2.79 -0.83	37.94 2.73 -0.69	30.67 2.01 -3.16	26.87 1.82 -2.01	25.21 1.53 -2.38	22.23 1.27 -0.54
ASTORIA_GT4_2 24103	22.57 1.34 0.00	20.14 1.14 0.00	19.48 1.10 0.00	17.99 0.91 -0.93	18.43 0.96 0.00	19.86 1.07 0.00	25.80 1.47 -2.99	29.83 1.58 -6.94	28.62 1.66 -5.64	26.64 2.09 -0.27	25.57 1.96 -0.06	25.90 1.87 -0.05	27.77 2.15 -0.02	28.00 2.22 -0.02	29.30 2.14 -0.12	32.46 2.33 -0.20	34.01 2.31 -0.10	44.70 2.92 -3.82	40.79 2.79 -0.83	37.94 2.73 -0.69	30.67 2.01 -3.16	26.87 1.82 -2.01	25.21 1.53 -2.38	22.23 1.27 -0.54
ASTORIA_GT4_3 24104	22.57 1.34 0.00	20.14 1.14 0.00	19.48 1.10 0.00	17.99 0.91 -0.93	18.43 0.96 0.00	19.86 1.07 0.00	25.80 1.47 -2.99	29.83 1.58 -6.94	28.62 1.66 -5.64	26.64 2.09 -0.27	25.57 1.96 -0.06	25.90 1.87 -0.05	27.77 2.15 -0.02	28.00 2.22 -0.02	29.30 2.14 -0.12	32.46 2.33 -0.20	34.01 2.31 -0.10	44.70 2.92 -3.82	40.79 2.79 -0.83	37.94 2.73 -0.69	30.67 2.01 -3.16	26.87 1.82 -2.01	25.21 1.53 -2.38	22.23 1.27 -0.54
ASTORIA_GT4_4 24105	22.57 1.34 0.00	20.14 1.14 0.00	19.48 1.10 0.00	17.99 0.91 -0.93	18.43 0.96 0.00	19.86 1.07 0.00	25.80 1.47 -2.99	29.83 1.58 -6.94	28.62 1.66 -5.64	26.64 2.09 -0.27	25.57 1.96 -0.06	25.90 1.87 -0.05	27.77 2.15 -0.02	28.00 2.22 -0.02	29.30 2.14 -0.12	32.46 2.33 -0.20	34.01 2.31 -0.10	44.70 2.92 -3.82	40.79 2.79 -0.83	37.94 2.73 -0.69	30.67 2.01 -3.16	26.87 1.82 -2.01	25.21 1.53 -2.38	22.23 1.27 -0.54
ASTORIA_GT_1 23523	22.65 1.40 -0.01	20.19 1.18 -0.01	19.52 1.14 -0.01	18.03 0.94 -0.94	18.49 1.01 -0.01	19.87 1.09 0.01	25.85 1.52 -3.00	29.88 1.62 -6.95	28.64 1.68 -5.64	26.68 2.14 -0.27	25.62 2.00 -0.06	25.95 1.92 -0.05	27.77 2.15 -0.02	28.03 2.24 -0.02	29.36 2.19 -0.12	32.46 2.34 -0.20	34.12 2.40 -0.10	44.81 3.04 -3.81	40.90 2.90 -0.82	38.04 2.83 -0.69	30.70 2.04 -3.17	26.90 1.84 -2.02	25.23 1.55 -2.37	22.34 1.37 -0.57

ASTORIA_GT_10 24110	22.74 1.51 0.00	20.27 1.27 0.00	19.61 1.23 0.00	18.11 1.02 -0.93	18.55 1.08 0.00	19.96 1.17 0.00	25.95 1.60 -3.00	29.96 1.68 -6.95	33.24 1.73 -10.19	33.22 2.09 -6.86	34.40 1.98 -8.86	33.22 1.89 -7.35	35.17 2.18 -7.39	34.71 2.24 -6.70	35.15 2.24 -5.85	34.20 2.42 -1.85	34.19 2.47 -0.11	44.89 3.11 -3.82	41.01 3.01 -0.83	38.11 2.90 -0.69	30.79 2.12 -3.17	27.00 1.94 -2.03	25.32 1.64 -2.38	22.37 1.41 -0.54
ASTORIA_GT_11 24225	22.74 1.51 0.00	20.27 1.27 0.00	19.61 1.23 0.00	18.11 1.02 -0.93	18.55 1.08 0.00	19.96 1.17 0.00	25.95 1.60 -3.00	29.96 1.68 -6.95	33.24 1.73 -10.19	33.22 2.09 -6.86	34.40 1.98 -8.86	33.22 1.89 -7.35	35.17 2.18 -7.39	34.71 2.24 -6.70	35.15 2.24 -5.85	34.20 2.42 -1.85	34.19 2.47 -0.11	44.89 3.11 -3.82	41.01 3.01 -0.83	38.11 2.90 -0.69	30.79 2.12 -3.17	27.00 1.94 -2.03	25.32 1.64 -2.38	22.37 1.41 -0.54
ASTORIA_GT_12 24226	22.74 1.51 0.00	20.27 1.27 0.00	19.61 1.23 0.00	18.11 1.02 -0.93	18.55 1.08 0.00	19.96 1.17 0.00	25.95 1.60 -3.00	29.96 1.68 -6.95	33.24 1.73 -10.19	33.22 2.09 -6.86	34.40 1.98 -8.86	33.22 1.89 -7.35	35.17 2.18 -7.39	34.71 2.24 -6.70	35.15 2.24 -5.85	34.20 2.42 -1.85	34.19 2.47 -0.11	44.89 3.11 -3.82	41.01 3.01 -0.83	38.11 2.90 -0.69	30.79 2.12 -3.17	27.00 1.94 -2.03	25.32 1.64 -2.38	22.37 1.41 -0.54
ASTORIA_GT_13 24227	22.74 1.51 0.00	20.27 1.27 0.00	19.61 1.23 0.00	18.11 1.02 -0.93	18.55 1.08 0.00	19.96 1.17 0.00	25.95 1.60 -3.00	29.96 1.68 -6.95	33.24 1.73 -10.19	33.22 2.09 -6.86	34.40 1.98 -8.86	33.22 1.89 -7.35	35.17 2.18 -7.39	34.71 2.24 -6.70	35.15 2.24 -5.85	34.20 2.42 -1.85	34.19 2.47 -0.11	44.89 3.11 -3.82	41.01 3.01 -0.83	38.11 2.90 -0.69	30.79 2.12 -3.17	27.00 1.94 -2.03	25.32 1.64 -2.38	22.37 1.41 -0.54
ASTORIA_GT_5 24106	22.65 1.40 -0.01	20.19 1.18 -0.01	19.52 1.14 -0.01	18.03 0.94 -0.94	18.49 1.01 -0.01	19.87 1.09 0.01	25.85 1.52 -3.00	29.88 1.62 -6.95	28.64 1.68 -5.64	26.68 2.14 -0.27	25.62 2.00 -0.06	25.95 1.92 -0.05	27.77 2.15 -0.02	28.03 2.24 -0.02	29.36 2.19 -0.12	32.46 2.34 -0.20	34.12 2.40 -0.10	44.81 3.04 -3.81	40.90 2.90 -0.82	38.04 2.83 -0.69	30.70 2.04 -3.17	26.90 1.84 -2.02	25.23 1.55 -2.37	22.34 1.37 -0.55
ASTORIA_GT_7 24107	22.65 1.40 -0.01	20.19 1.18 -0.01	19.52 1.14 -0.01	18.03 0.94 -0.94	18.49 1.01 -0.01	19.87 1.09 0.01	25.85 1.52 -3.00	29.88 1.62 -6.95	28.64 1.68 -5.64	26.68 2.14 -0.27	25.62 2.00 -0.06	25.95 1.92 -0.05	27.77 2.15 -0.02	28.03 2.24 -0.02	29.36 2.19 -0.12	32.46 2.34 -0.20	34.12 2.40 -0.10	44.81 3.04 -3.81	40.90 2.90 -0.82	38.04 2.83 -0.69	30.70 2.04 -3.17	26.90 1.84 -2.02	25.23 1.55 -2.37	22.34 1.37 -0.55
ASTORIA_GT_8 24108	22.62 1.38 0.00	20.18 1.18 0.00	19.52 1.14 0.00	18.03 0.94 -0.93	18.47 1.00 0.00	19.88 1.09 0.00	25.85 1.52 -2.99	29.88 1.62 -6.94	28.66 1.71 -5.64	26.68 2.14 -0.27	25.62 2.00 -0.06	25.95 1.92 -0.05	27.82 2.20 -0.02	28.05 2.27 -0.02	29.36 2.19 -0.12	32.51 2.39 -0.20	34.08 2.37 -0.10	44.78 3.00 -3.82	40.90 2.90 -0.83	38.04 2.83 -0.69	30.69 2.04 -3.16	26.89 1.84 -2.01	25.23 1.55 -2.38	22.27 1.31 -0.54
ASTORIA___2 24149	22.60 1.36 -0.01	20.15 1.14 -0.01	19.49 1.10 -0.01	18.00 0.90 -0.94	18.46 0.98 -0.01	19.85 1.07 0.01	25.81 1.47 -3.00	29.84 1.58 -6.95	28.60 1.64 -5.64	26.64 2.09 -0.27	25.57 1.95 -0.06	25.90 1.87 -0.05	27.72 2.10 -0.02	27.98 2.19 -0.02	29.30 2.14 -0.12	32.39 2.27 -0.20	34.02 2.31 -0.10	44.73 2.96 -3.81	40.78 2.79 -0.82	37.93 2.73 -0.69	30.65 1.99 -3.17	26.88 1.82 -2.02	25.18 1.51 -2.37	22.32 1.35 -0.55
ASTORIA___3 23516	22.77 1.53 -0.01	20.28 1.27 -0.01	19.62 1.23 -0.01	18.12 1.02 -0.94	18.58 1.10 -0.01	19.96 1.17 0.00	25.96 1.60 -3.01	29.96 1.68 -6.96	33.22 1.71 -10.19	33.22 2.09 -6.86	34.40 1.98 -8.86	33.22 1.89 -7.35	35.12 2.12 -7.39	34.69 2.22 -6.70	35.12 2.22 -5.85	34.17 2.39 -1.85	34.20 2.47 -0.12	44.93 3.15 -3.82	41.01 3.01 -0.83	38.11 2.90 -0.69	30.79 2.12 -3.18	27.01 1.94 -2.04	25.32 1.64 -2.38	22.44 1.47 -0.55
ASTORIA___4 23517	22.74 1.51 0.00	20.27 1.27 0.00	19.61 1.23 0.00	18.11 1.02 -0.93	18.55 1.08 0.00	19.96 1.17 0.00	25.95 1.60 -3.00	29.96 1.68 -6.95	33.24 1.73 -10.19	33.22 2.09 -6.86	34.40 1.98 -8.86	33.22 1.89 -7.35	35.17 2.18 -7.39	34.71 2.24 -6.70	35.15 2.24 -5.85	34.20 2.42 -1.85	34.19 2.47 -0.11	44.89 3.11 -3.82	41.01 3.01 -0.83	38.11 2.90 -0.69	30.79 2.12 -3.17	27.00 1.94 -2.03	25.32 1.64 -2.38	22.37 1.41 -0.54
ASTORIA___5 23518	22.77 1.53 -0.01	20.28 1.27 -0.01	19.62 1.23 -0.01	18.12 1.02 -0.94	18.58 1.10 -0.01	19.96 1.17 0.00	25.96 1.60 -3.01	29.96 1.68 -6.96	33.22 1.71 -10.19	33.22 2.09 -6.86	34.40 1.98 -8.86	33.22 1.89 -7.35	35.12 2.12 -7.39	34.69 2.22 -6.70	35.12 2.22 -5.85	34.17 2.39 -1.85	34.20 2.47 -0.12	44.93 3.15 -3.82	41.01 3.01 -0.83	38.11 2.90 -0.69	30.79 2.12 -3.18	27.01 1.94 -2.04	25.32 1.64 -2.38	22.44 1.47 -0.55
AST_ENERGY_2_CC3 323677	22.66 1.42 0.00	20.18 1.18 0.00	19.52 1.14 0.00	18.01 0.92 -0.93	18.46 1.00 0.00	19.86 1.07 0.00	25.84 1.49 -3.00	29.85 1.58 -6.95	28.56 1.60 -5.64	26.52 1.97 -0.28	25.51 1.89 -0.07	25.81 1.77 -0.06	27.63 2.00 -0.03	27.88 2.09 -0.03	29.26 2.08 -0.13	32.37 2.25 -0.21	34.00 2.28 -0.11	44.89 3.11 -3.82	40.94 2.94 -0.83	37.97 2.76 -0.69	30.63 1.96 -3.17	26.89 1.82 -2.03	25.21 1.53 -2.38	22.33 1.37 -0.54
AST_ENERGY_2_CC4 323678	22.66 1.42 0.00	20.18 1.18 0.00	19.52 1.14 0.00	18.01 0.92 -0.93	18.46 1.00 0.00	19.86 1.07 0.00	25.84 1.49 -3.00	29.85 1.58 -6.95	28.56 1.60 -5.64	26.52 1.97 -0.28	25.51 1.89 -0.07	25.81 1.77 -0.06	27.63 2.00 -0.03	27.88 2.09 -0.03	29.26 2.08 -0.13	32.37 2.25 -0.21	34.00 2.28 -0.11	44.89 3.11 -3.82	40.94 2.94 -0.83	37.97 2.76 -0.69	30.63 1.96 -3.17	26.89 1.82 -2.03	25.21 1.53 -2.38	22.33 1.37 -0.54
ATHENS_STG_1 23668	22.00 0.76 0.00	19.68 0.68 0.00	19.04 0.66 0.00	17.82 0.58 -1.08	18.12 0.65 0.00	19.43 0.64 0.00	25.67 0.83 -3.50	30.26 0.85 -8.09	28.69 0.85 -6.52	25.44 1.04 -0.12	24.50 0.94 0.00	24.87 0.89 0.00	26.57 0.97 0.00	26.77 1.00 0.00	28.08 1.00 -0.03	31.08 1.11 -0.05	32.86 1.20 -0.05	41.56 1.63 -1.97	39.14 1.60 -0.37	36.35 1.52 -0.31	30.31 1.15 -3.66	26.44 1.04 -2.36	24.92 0.85 -2.77	21.83 0.78 -0.63
ATHENS_STG_2 23670	22.00 0.76 0.00	19.68 0.68 0.00	19.04 0.66 0.00	17.82 0.58 -1.08	18.12 0.65 0.00	19.43 0.64 0.00	25.67 0.83 -3.50	30.26 0.85 -8.09	28.69 0.85 -6.52	25.44 1.04 -0.12	24.50 0.94 0.00	24.87 0.89 0.00	26.57 0.97 0.00	26.77 1.00 0.00	28.08 1.00 -0.03	31.08 1.11 -0.05	32.86 1.20 -0.05	41.56 1.63 -1.97	39.14 1.60 -0.37	36.35 1.52 -0.31	30.31 1.15 -3.66	26.44 1.04 -2.36	24.92 0.85 -2.77	21.83 0.78 -0.63

ATHENS_STG_3 23677	22.00 0.76 0.00	19.68 0.68 0.00	19.04 0.66 0.00	17.82 0.58 -1.08	18.12 0.65 0.00	19.43 0.64 0.00	25.67 0.83 -3.50	30.26 0.85 -8.09	28.69 0.85 -6.52	25.44 1.04 -0.12	24.50 0.94 0.00	24.87 0.89 0.00	26.57 0.97 0.00	26.77 1.00 0.00	28.08 1.00 -0.03	31.08 1.11 -0.05	32.86 1.20 -0.05	41.56 1.63 -1.97	39.14 1.60 -0.37	36.35 1.52 -0.31	30.31 1.15 -3.66	26.44 1.04 -2.36	24.92 0.85 -2.77	21.83 0.78 -0.63
AUBURN____LFGE 323710	21.62 0.38 0.00	19.36 0.36 0.00	18.73 0.35 0.00	16.50 0.23 -0.11	17.77 0.30 0.00	19.17 0.38 0.00	22.14 0.45 -0.35	22.80 0.51 -0.97	22.49 0.49 -0.68	24.88 0.61 0.00	24.10 0.54 0.00	24.68 0.70 0.00	26.29 0.69 0.00	26.41 0.64 0.00	27.83 0.78 0.00	30.70 0.78 0.00	32.53 0.92 0.00	39.02 1.06 0.00	38.14 0.97 0.00	35.45 0.93 0.00	26.57 0.64 -0.43	23.88 0.55 -0.28	22.00 0.43 -0.28	20.92 0.43 -0.06
BABYLON_RES_REC 323704	24.60 2.21 -1.16	20.79 1.79 0.00	19.99 1.62 0.00	18.43 1.34 -0.93	19.15 1.68 -0.01	20.56 1.77 -0.01	27.13 2.31 -3.48	30.66 2.37 -6.97	30.71 2.37 -7.02	29.90 2.86 -2.76	29.87 2.64 -3.68	29.86 2.57 -3.31	29.93 2.84 -1.49	29.88 2.89 -1.23	30.08 2.90 -0.13	33.25 3.11 -0.21	35.15 3.41 -0.13	48.71 4.36 -6.39	49.77 4.16 -8.44	46.96 3.93 -8.51	40.05 2.80 -11.75	32.22 2.60 -6.58	28.70 2.36 -5.04	25.44 2.19 -2.83
BABYLON__69_KV_BK2 356345	24.92 2.53 -1.16	21.07 2.07 0.00	20.27 1.89 0.00	18.67 1.58 -0.93	19.38 1.90 -0.01	20.87 2.07 -0.01	27.45 2.63 -3.48	30.97 2.69 -6.97	31.05 2.71 -7.02	30.31 3.28 -2.76	30.29 3.06 -3.68	30.29 3.00 -3.31	30.42 3.33 -1.49	30.37 3.38 -1.23	30.62 3.43 -0.13	33.88 3.74 -0.22	35.71 3.98 -0.12	49.36 5.01 -6.39	50.37 4.76 -8.44	47.55 4.52 -8.51	40.88 3.21 -12.17	32.61 3.00 -6.58	29.00 2.66 -5.04	25.69 2.43 -2.83
BALL_HILL_WT_PWR 323825	20.94 -0.30 0.00	18.87 -0.13 0.00	18.16 -0.22 0.00	15.75 -0.57 -0.16	17.29 -0.17 0.00	18.73 -0.06 0.00	21.19 -0.66 -0.51	20.21 -0.77 0.35	21.20 -0.85 -0.73	23.98 -0.29 0.00	23.65 0.09 0.00	24.46 0.48 0.00	25.86 0.26 0.00	25.95 0.18 0.00	27.37 0.32 0.00	30.10 0.18 0.00	31.77 0.16 0.00	37.73 -0.23 0.00	36.58 -0.59 0.00	34.14 -0.38 0.00	25.04 -0.31 0.16	22.50 -0.44 0.10	21.13 -0.58 -0.41	19.96 -0.55 -0.09
BARON_WINDS____WT_PWR 323822	21.17 -0.06 0.00	19.02 0.02 0.00	18.36 -0.02 0.00	16.03 -0.34 -0.20	17.42 -0.05 0.00	18.87 0.08 0.00	21.77 -0.23 -0.66	15.70 -0.25 5.37	21.19 -0.34 -0.21	24.44 0.17 0.00	23.93 0.38 0.00	24.65 0.67 0.00	26.27 0.66 0.00	26.33 0.57 0.00	27.69 0.65 0.00	30.55 0.63 0.00	32.28 0.66 0.00	38.56 0.61 0.00	37.43 0.26 0.00	34.83 0.31 0.00	23.09 0.08 2.48	21.28 -0.14 1.62	21.44 -0.38 -0.53	20.60 0.06 -0.12
BARRETT_IC_1 23704	24.15 1.76 -1.15	20.41 1.41 0.00	19.64 1.27 0.00	18.12 1.04 -0.93	18.78 1.31 0.00	20.16 1.37 0.00	26.65 1.84 -3.47	30.12 1.83 -6.97	30.19 1.85 -7.02	29.26 2.23 -2.76	29.27 2.05 -3.67	29.25 1.97 -3.31	29.26 2.17 -1.48	29.26 2.27 -1.22	29.36 2.19 -0.13	32.46 2.34 -0.21	34.32 2.59 -0.12	47.65 3.30 -6.39	48.76 3.16 -8.43	46.06 3.04 -8.51	39.23 2.19 -11.54	31.64 2.03 -6.57	28.22 1.89 -5.03	24.98 1.73 -2.83
BARRETT_IC_10 23701	24.15 1.76 -1.15	20.41 1.41 0.00	19.64 1.27 0.00	18.12 1.04 -0.93	18.78 1.31 0.00	20.16 1.37 0.00	26.65 1.84 -3.47	30.12 1.83 -6.97	30.19 1.85 -7.02	29.26 2.23 -2.76	29.27 2.05 -3.67	29.25 1.97 -3.31	29.26 2.17 -1.48	29.26 2.27 -1.22	29.36 2.19 -0.13	32.46 2.34 -0.21	34.32 2.59 -0.12	47.65 3.30 -6.39	48.76 3.16 -8.43	46.06 3.04 -8.51	39.23 2.19 -11.54	31.64 2.03 -6.57	28.22 1.89 -5.03	24.98 1.73 -2.83
BARRETT_IC_11 23702	24.15 1.76 -1.15	20.41 1.41 0.00	19.64 1.27 0.00	18.12 1.04 -0.93	18.78 1.31 0.00	20.16 1.37 0.00	26.65 1.84 -3.47	30.12 1.83 -6.97	30.19 1.85 -7.02	29.26 2.23 -2.76	29.27 2.05 -3.67	29.25 1.97 -3.31	29.26 2.17 -1.48	29.26 2.27 -1.22	29.36 2.19 -0.13	32.46 2.34 -0.21	34.32 2.59 -0.12	47.65 3.30 -6.39	48.76 3.16 -8.43	46.06 3.04 -8.51	39.23 2.19 -11.54	31.64 2.03 -6.57	28.22 1.89 -5.03	24.98 1.73 -2.83
BARRETT_IC_12 23703	24.15 1.76 -1.15	20.41 1.41 0.00	19.64 1.27 0.00	18.12 1.04 -0.93	18.78 1.31 0.00	20.16 1.37 0.00	26.65 1.84 -3.47	30.12 1.83 -6.97	30.19 1.85 -7.02	29.26 2.23 -2.76	29.27 2.05 -3.67	29.25 1.97 -3.31	29.26 2.17 -1.48	29.26 2.27 -1.22	29.36 2.19 -0.13	32.46 2.34 -0.21	34.32 2.59 -0.12	47.65 3.30 -6.39	48.76 3.16 -8.43	46.06 3.04 -8.51	39.23 2.19 -11.54	31.64 2.03 -6.57	28.22 1.89 -5.03	24.98 1.73 -2.83
BARRETT_IC_2 23705	24.15 1.76 -1.15	20.41 1.41 0.00	19.64 1.27 0.00	18.12 1.04 -0.93	18.78 1.31 0.00	20.16 1.37 0.00	26.65 1.84 -3.47	30.12 1.83 -6.97	30.19 1.85 -7.02	29.26 2.23 -2.76	29.27 2.05 -3.67	29.25 1.97 -3.31	29.26 2.17 -1.48	29.26 2.27 -1.22	29.36 2.19 -0.13	32.46 2.34 -0.21	34.32 2.59 -0.12	47.65 3.30 -6.39	48.76 3.16 -8.43	46.06 3.04 -8.51	39.23 2.19 -11.54	31.64 2.03 -6.57	28.22 1.89 -5.03	24.98 1.73 -2.83
BARRETT_IC_3 23706	24.15 1.76 -1.15	20.41 1.41 0.00	19.64 1.27 0.00	18.12 1.04 -0.93	18.78 1.31 0.00	20.16 1.37 0.00	26.65 1.84 -3.47	30.12 1.83 -6.97	30.19 1.85 -7.02	29.26 2.23 -2.76	29.27 2.05 -3.67	29.25 1.97 -3.31	29.26 2.17 -1.48	29.26 2.27 -1.22	29.36 2.19 -0.13	32.46 2.34 -0.21	34.32 2.59 -0.12	47.65 3.30 -6.39	48.76 3.16 -8.43	46.06 3.04 -8.51	39.23 2.19 -11.54	31.64 2.03 -6.57	28.22 1.89 -5.03	24.98 1.73 -2.83
BARRETT_IC_4 23707	24.15 1.76 -1.15	20.41 1.41 0.00	19.64 1.27 0.00	18.12 1.04 -0.93	18.78 1.31 0.00	20.16 1.37 0.00	26.65 1.84 -3.47	30.12 1.83 -6.97	30.19 1.85 -7.02	29.26 2.23 -2.76	29.27 2.05 -3.67	29.25 1.97 -3.31	29.26 2.17 -1.48	29.26 2.27 -1.22	29.36 2.19 -0.13	32.46 2.34 -0.21	34.32 2.59 -0.12	47.65 3.30 -6.39	48.76 3.16 -8.43	46.06 3.04 -8.51	39.23 2.19 -11.54	31.64 2.03 -6.57	28.22 1.89 -5.03	24.98 1.73 -2.83
BARRETT_IC_5 23708	24.15 1.76 -1.15	20.41 1.41 0.00	19.64 1.27 0.00	18.12 1.04 -0.93	18.78 1.31 0.00	20.16 1.37 0.00	26.65 1.84 -3.47	30.12 1.83 -6.97	30.19 1.85 -7.02	29.26 2.23 -2.76	29.27 2.05 -3.67	29.25 1.97 -3.31	29.26 2.17 -1.48	29.26 2.27 -1.22	29.36 2.19 -0.13	32.46 2.34 -0.21	34.32 2.59 -0.12	47.65 3.30 -6.39	48.76 3.16 -8.43	46.06 3.04 -8.51	39.23 2.19 -11.54	31.64 2.03 -6.57	28.22 1.89 -5.03	24.98 1.73 -2.83
BARRETT_IC_6 23709	24.15 1.76 -1.15	20.41 1.41 0.00	19.64 1.27 0.00	18.12 1.04 -0.93	18.78 1.31 0.00	20.16 1.37 0.00	26.65 1.84 -3.47	30.12 1.83 -6.97	30.19 1.85 -7.02	29.26 2.23 -2.76	29.27 2.05 -3.67	29.25 1.97 -3.31	29.26 2.17 -1.48	29.26 2.27 -1.22	29.36 2.19 -0.13	32.46 2.34 -0.21	34.32 2.59 -0.12	47.65 3.30 -6.39	48.76 3.16 -8.43	46.06 3.04 -8.51	39.23 2.19 -11.54	31.64 2.03 -6.57	28.22 1.89 -5.03	24.98 1.73 -2.83

BARRETT_IC_7 23710	24.15 1.76 -1.15	20.41 1.41 0.00	19.64 1.27 0.00	18.12 1.03 -0.93	18.74 1.28 0.00	20.16 1.37 0.00	26.65 1.84 -3.47	30.11 1.83 -6.96	30.19 1.85 -7.02	29.26 2.23 -2.76	29.27 2.05 -3.67	29.25 1.97 -3.31	29.31 2.23 -1.48	29.28 2.29 -1.22	29.47 2.30 -0.13	32.58 2.45 -0.21	34.31 2.59 -0.11	47.65 3.30 -6.39	48.76 3.16 -8.43	46.06 3.04 -8.51	39.23 2.19 -11.54	31.64 2.03 -6.57	28.20 1.87 -5.03	24.90 1.65 -2.83
BARRETT_IC_8 23711	24.15 1.76 -1.15	20.41 1.41 0.00	19.64 1.27 0.00	18.12 1.04 -0.93	18.78 1.31 0.00	20.16 1.37 0.00	26.65 1.84 -3.47	30.12 1.83 -6.97	30.19 1.85 -7.02	29.26 2.23 -2.76	29.27 2.05 -3.67	29.25 1.97 -3.31	29.26 2.17 -1.48	29.26 2.27 -1.22	29.36 2.19 -0.13	32.46 2.34 -0.21	34.32 2.59 -0.12	47.65 3.30 -6.39	48.76 3.16 -8.43	46.06 3.04 -8.51	39.23 2.19 -11.54	31.64 2.03 -6.57	28.22 1.89 -5.03	24.98 1.73 -2.83
BARRETT_IC_9 23700	24.15 1.76 -1.15	20.41 1.41 0.00	19.64 1.27 0.00	18.12 1.04 -0.93	18.78 1.31 0.00	20.16 1.37 0.00	26.65 1.84 -3.47	30.12 1.83 -6.97	30.19 1.85 -7.02	29.26 2.23 -2.76	29.27 2.05 -3.67	29.25 1.97 -3.31	29.26 2.17 -1.48	29.26 2.27 -1.22	29.36 2.19 -0.13	32.46 2.34 -0.21	34.32 2.59 -0.12	47.65 3.30 -6.39	48.76 3.16 -8.43	46.06 3.04 -8.51	39.23 2.19 -11.54	31.64 2.03 -6.57	28.22 1.89 -5.03	24.98 1.73 -2.83
BARRETT___1 23545	24.15 1.76 -1.15	20.41 1.41 0.00	19.64 1.27 0.00	18.12 1.04 -0.93	18.78 1.31 0.00	20.16 1.37 0.00	26.65 1.84 -3.47	30.12 1.83 -6.97	30.19 1.85 -7.02	29.26 2.23 -2.76	29.27 2.05 -3.67	29.25 1.97 -3.31	29.26 2.17 -1.48	29.26 2.27 -1.22	29.36 2.19 -0.13	32.46 2.34 -0.21	34.32 2.59 -0.12	47.65 3.30 -6.39	48.76 3.16 -8.43	46.06 3.04 -8.51	39.23 2.19 -11.54	31.64 2.03 -6.57	28.22 1.89 -5.03	24.98 1.73 -2.83
BARRETT___2 23546	24.15 1.76 -1.15	20.41 1.41 0.00	19.64 1.27 0.00	18.12 1.04 -0.93	18.78 1.31 0.00	20.16 1.37 0.00	26.65 1.84 -3.47	30.12 1.83 -6.97	30.19 1.85 -7.02	29.26 2.23 -2.76	29.27 2.05 -3.67	29.25 1.97 -3.31	29.26 2.17 -1.48	29.26 2.27 -1.22	29.36 2.19 -0.13	32.46 2.34 -0.21	34.32 2.59 -0.12	47.65 3.30 -6.39	48.76 3.16 -8.43	46.06 3.04 -8.51	39.23 2.19 -11.54	31.64 2.03 -6.57	28.22 1.89 -5.03	24.98 1.73 -2.83
BATAVIA___115KV_TB1 55881	21.15 -0.08 0.00	19.00 0.00 0.00	18.32 -0.06 0.00	16.16 -0.13 -0.13	17.43 -0.03 0.00	18.92 0.13 0.00	21.66 -0.11 -0.42	21.18 -0.19 -0.06	21.75 -0.23 -0.66	24.18 -0.10 0.00	23.74 0.19 0.00	24.48 0.50 0.00	25.91 0.31 0.00	26.00 0.23 0.00	27.45 0.41 0.00	30.28 0.36 0.00	31.93 0.32 0.00	37.96 0.00 0.00	37.02 -0.15 0.00	34.52 0.00 0.00	25.51 -0.03 -0.04	23.04 -0.02 -0.03	21.61 -0.02 -0.34	20.48 -0.02 -0.08
BAYONEEC___CTG1 323682	22.66 1.42 0.00	20.18 1.18 0.00	19.52 1.14 0.00	18.01 0.92 -0.93	18.46 1.00 0.00	19.86 1.07 0.00	25.86 1.52 -3.00	29.87 1.60 -6.95	28.58 1.62 -5.64	26.55 1.99 -0.28	25.53 1.91 -0.07	25.84 1.80 -0.06	27.65 2.02 -0.03	27.91 2.11 -0.03	29.29 2.11 -0.13	32.37 2.25 -0.21	32.88 2.28 1.01	39.65 3.07 1.38	32.63 2.94 7.47	31.05 2.76 6.23	30.66 1.99 -3.17	26.91 1.84 -2.03	25.23 1.55 -2.38	22.33 1.37 -0.54
BAYONEEC___CTG10 323750	22.66 1.42 0.00	20.18 1.18 0.00	19.52 1.14 0.00	18.01 0.92 -0.93	18.46 1.00 0.00	19.86 1.07 0.00	25.86 1.52 -3.00	29.87 1.60 -6.95	28.58 1.62 -5.64	26.55 1.99 -0.28	25.53 1.91 -0.07	25.84 1.80 -0.06	27.65 2.02 -0.03	27.91 2.11 -0.03	29.29 2.11 -0.13	32.37 2.25 -0.21	32.88 2.28 1.01	39.65 3.07 1.38	32.63 2.94 7.47	31.05 2.76 6.23	30.66 1.99 -3.17	26.91 1.84 -2.03	25.23 1.55 -2.38	22.33 1.37 -0.54
BAYONEEC___CTG2 323683	22.66 1.42 0.00	20.18 1.18 0.00	19.52 1.14 0.00	18.01 0.92 -0.93	18.46 1.00 0.00	19.86 1.07 0.00	25.86 1.52 -3.00	29.87 1.60 -6.95	28.58 1.62 -5.64	26.55 1.99 -0.28	25.53 1.91 -0.07	25.84 1.80 -0.06	27.65 2.02 -0.03	27.91 2.11 -0.03	29.29 2.11 -0.13	32.37 2.25 -0.21	32.88 2.28 1.01	39.65 3.07 1.38	32.63 2.94 7.47	31.05 2.76 6.23	30.66 1.99 -3.17	26.91 1.84 -2.03	25.23 1.55 -2.38	22.33 1.37 -0.54
BAYONEEC___CTG3 323684	22.66 1.42 0.00	20.18 1.18 0.00	19.52 1.14 0.00	18.01 0.92 -0.93	18.46 1.00 0.00	19.86 1.07 0.00	25.86 1.52 -3.00	29.87 1.60 -6.95	28.58 1.62 -5.64	26.55 1.99 -0.28	25.53 1.91 -0.07	25.84 1.80 -0.06	27.65 2.02 -0.03	27.91 2.11 -0.03	29.29 2.11 -0.13	32.37 2.25 -0.21	32.88 2.28 1.01	39.65 3.07 1.38	32.63 2.94 7.47	31.05 2.76 6.23	30.66 1.99 -3.17	26.91 1.84 -2.03	25.23 1.55 -2.38	22.33 1.37 -0.54
BAYONEEC___CTG4 323685	22.66 1.42 0.00	20.18 1.18 0.00	19.52 1.14 0.00	18.01 0.92 -0.93	18.46 1.00 0.00	19.86 1.07 0.00	25.86 1.52 -3.00	29.87 1.60 -6.95	28.58 1.62 -5.64	26.55 1.99 -0.28	25.53 1.91 -0.07	25.84 1.80 -0.06	27.65 2.02 -0.03	27.91 2.11 -0.03	29.29 2.11 -0.13	32.37 2.25 -0.21	32.88 2.28 1.01	39.65 3.07 1.38	32.63 2.94 7.47	31.05 2.76 6.23	30.66 1.99 -3.17	26.91 1.84 -2.03	25.23 1.55 -2.38	22.33 1.37 -0.54
BAYONEEC___CTG5 323686	22.66 1.42 0.00	20.18 1.18 0.00	19.52 1.14 0.00	18.01 0.92 -0.93	18.46 1.00 0.00	19.86 1.07 0.00	25.86 1.52 -3.00	29.87 1.60 -6.95	28.58 1.62 -5.64	26.55 1.99 -0.28	25.53 1.91 -0.07	25.84 1.80 -0.06	27.65 2.02 -0.03	27.91 2.11 -0.03	29.29 2.11 -0.13	32.37 2.25 -0.21	32.88 2.28 1.01	39.65 3.07 1.38	32.63 2.94 7.47	31.05 2.76 6.23	30.66 1.99 -3.17	26.91 1.84 -2.03	25.23 1.55 -2.38	22.33 1.37 -0.54
BAYONEEC___CTG6 323687	22.66 1.42 0.00	20.18 1.18 0.00	19.52 1.14 0.00	18.01 0.92 -0.93	18.46 1.00 0.00	19.86 1.07 0.00	25.86 1.52 -3.00	29.87 1.60 -6.95	28.58 1.62 -5.64	26.55 1.99 -0.28	25.53 1.91 -0.07	25.84 1.80 -0.06	27.65 2.02 -0.03	27.91 2.11 -0.03	29.29 2.11 -0.13	32.37 2.25 -0.21	32.88 2.28 1.01	39.65 3.07 1.38	32.63 2.94 7.47	31.05 2.76 6.23	30.66 1.99 -3.17	26.91 1.84 -2.03	25.23 1.55 -2.38	22.33 1.37 -0.54
BAYONEEC___CTG7 323688	22.66 1.42 0.00	20.18 1.18 0.00	19.52 1.14 0.00	18.01 0.92 -0.93	18.46 1.00 0.00	19.86 1.07 0.00	25.86 1.52 -3.00	29.87 1.60 -6.95	28.58 1.62 -5.64	26.55 1.99 -0.28	25.53 1.91 -0.07	25.84 1.80 -0.06	27.65 2.02 -0.03	27.91 2.11 -0.03	29.29 2.11 -0.13	32.37 2.25 -0.21	32.88 2.28 1.01	39.65 3.07 1.38	32.63 2.94 7.47	31.05 2.76 6.23	30.66 1.99 -3.17	26.91 1.84 -2.03	25.23 1.55 -2.38	22.33 1.37 -0.54
BAYONEEC___CTG8 323689	22.66 1.42 0.00	20.18 1.18 0.00	19.52 1.14 0.00	18.01 0.92 -0.93	18.46 1.00 0.00	19.86 1.07 0.00	25.86 1.52 -3.00	29.87 1.60 -6.95	28.58 1.62 -5.64	26.55 1.99 -0.28	25.53 1.91 -0.07	25.84 1.80 -0.06	27.65 2.02 -0.03	27.91 2.11 -0.03	29.29 2.11 -0.13	32.37 2.25 -0.21	32.88 2.28 1.01	39.65 3.07 1.38	32.63 2.94 7.47	31.05 2.76 6.23	30.66 1.99 -3.17	26.91 1.84 -2.03	25.23 1.55 -2.38	22.33 1.37 -0.54

BAYONEEC___CTG9 323749	22.66 1.42 0.00	20.18 1.18 0.00	19.52 1.14 0.00	18.01 0.92 -0.93	18.46 1.00 0.00	19.86 1.07 0.00	25.86 1.52 -3.00	29.87 1.60 -6.95	28.58 1.62 -5.64	26.55 1.99 -0.28	25.53 1.91 -0.07	25.84 1.80 -0.06	27.65 2.02 -0.03	27.91 2.11 -0.03	29.29 2.11 -0.13	32.37 2.25 -0.21	32.88 2.28 1.01	39.65 3.07 1.38	32.63 2.94 7.47	31.05 2.76 6.23	30.66 1.99 -3.17	26.91 1.84 -2.03	25.23 1.55 -2.38	22.33 1.37 -0.54
BEACON___LESR 323632	22.02 0.79 0.00	19.70 0.70 0.00	19.04 0.66 0.00	17.97 0.61 -1.19	18.17 0.70 0.00	19.50 0.71 0.00	26.08 0.88 -3.86	31.17 0.92 -8.93	29.39 0.87 -7.20	25.40 1.02 -0.11	24.43 0.87 0.00	24.82 0.84 0.00	26.50 0.90 0.00	26.64 0.88 0.00	27.84 0.92 0.13	30.82 1.11 0.21	32.88 1.23 -0.04	41.40 1.75 -1.70	39.27 1.78 -0.32	36.44 1.66 -0.26	31.19 1.27 -4.42	26.75 1.11 -2.61	25.19 0.83 -3.06	21.85 0.73 -0.70
BEAVER RIVER___HYD 24048	21.51 0.28 0.00	19.23 0.23 0.00	18.62 0.24 0.00	16.39 0.19 -0.03	17.71 0.24 0.00	19.07 0.28 0.00	21.82 0.36 -0.11	21.79 0.21 -0.26	21.74 0.21 -0.21	24.44 0.17 0.00	23.74 0.19 0.00	24.29 0.31 0.00	25.91 0.31 0.00	26.08 0.31 0.00	27.40 0.35 0.00	30.28 0.36 0.00	32.09 0.47 0.00	38.56 0.61 0.00	37.76 0.59 0.00	35.00 0.48 0.00	25.76 0.15 -0.10	23.25 0.14 -0.08	21.39 0.00 -0.09	20.36 -0.08 -0.02
BEEBEE_GT_13 23619	21.17 -0.06 0.00	18.94 -0.06 0.00	18.29 -0.09 0.00	16.30 0.03 -0.11	17.42 -0.05 0.00	18.81 0.02 0.00	21.82 0.13 -0.35	22.23 0.11 -0.80	22.06 0.11 -0.64	24.27 0.00 0.00	23.70 0.14 0.00	24.29 0.31 0.00	25.86 0.26 0.00	25.97 0.21 0.00	27.34 0.30 0.00	30.22 0.30 0.00	31.86 0.25 0.00	38.11 0.15 0.00	37.21 0.04 0.00	34.59 0.07 0.00	25.88 0.03 -0.35	23.39 0.12 -0.23	21.76 0.19 -0.27	20.67 0.18 -0.06
BENSHRST_27_KV_BENSHRST_1 355998	22.91 1.68 0.00	20.43 1.43 0.00	19.74 1.36 0.00	18.22 1.13 -0.93	18.68 1.21 0.00	20.09 1.30 0.00	26.08 1.73 -3.00	30.11 1.83 -6.95	33.41 1.90 -10.19	33.44 2.31 -6.86	34.63 2.21 -8.86	33.44 2.11 -7.35	35.43 2.43 -7.39	34.97 2.50 -6.70	35.42 2.52 -5.85	34.50 2.72 -1.85	34.47 2.75 -0.11	45.34 3.57 -3.82	41.38 3.38 -0.83	38.49 3.28 -0.69	30.99 2.32 -3.17	27.16 2.10 -2.03	25.49 1.81 -2.38	22.54 1.57 -0.54
BETHLEHEM___GRP 23843	21.62 0.38 0.00	19.36 0.36 0.00	18.76 0.39 0.00	17.73 0.37 -1.19	17.87 0.40 0.00	19.19 0.39 0.00	25.68 0.47 -3.87	30.76 0.49 -8.95	28.97 0.45 -7.20	24.94 0.56 -0.11	23.98 0.42 0.00	24.34 0.36 0.00	26.06 0.46 0.00	26.20 0.44 0.00	27.39 0.46 0.12	30.29 0.57 0.20	32.28 0.63 -0.04	40.59 0.95 -1.69	38.49 1.00 -0.32	35.71 0.93 -0.26	30.63 0.71 -4.42	26.29 0.65 -2.61	24.81 0.45 -3.06	21.49 0.37 -0.70
BETHLEHEM___GS1 323560	21.64 0.40 0.00	19.36 0.36 0.00	18.73 0.35 0.00	17.73 0.37 -1.19	17.89 0.42 0.00	19.19 0.40 0.00	25.68 0.47 -3.87	30.76 0.49 -8.95	28.99 0.47 -7.20	24.94 0.56 -0.11	23.98 0.42 0.00	24.34 0.36 0.00	26.04 0.43 0.00	26.20 0.44 0.00	27.39 0.46 0.12	30.29 0.57 0.20	32.25 0.60 -0.04	40.63 0.99 -1.69	38.49 1.00 -0.32	35.68 0.90 -0.26	30.65 0.74 -4.42	26.29 0.64 -2.61	24.81 0.45 -3.06	21.51 0.39 -0.70
BETHLEHEM___GS2 323561	21.64 0.40 0.00	19.36 0.36 0.00	18.73 0.35 0.00	17.73 0.37 -1.19	17.89 0.42 0.00	19.19 0.40 0.00	25.68 0.47 -3.87	30.76 0.49 -8.95	28.99 0.47 -7.20	24.94 0.56 -0.11	23.98 0.42 0.00	24.34 0.36 0.00	26.04 0.43 0.00	26.20 0.44 0.00	27.39 0.46 0.12	30.29 0.57 0.20	32.25 0.60 -0.04	40.63 0.99 -1.69	38.49 1.00 -0.32	35.68 0.90 -0.26	30.65 0.74 -4.42	26.29 0.64 -2.61	24.81 0.45 -3.06	21.51 0.39 -0.70
BETHLEHEM___GS3 323562	21.64 0.40 0.00	19.36 0.36 0.00	18.73 0.35 0.00	17.73 0.37 -1.19	17.89 0.42 0.00	19.19 0.40 0.00	25.68 0.47 -3.87	30.76 0.49 -8.95	28.99 0.47 -7.20	24.94 0.56 -0.11	23.98 0.42 0.00	24.34 0.36 0.00	26.04 0.43 0.00	26.20 0.44 0.00	27.39 0.46 0.12	30.29 0.57 0.20	32.25 0.60 -0.04	40.63 0.99 -1.69	38.49 1.00 -0.32	35.68 0.90 -0.26	30.65 0.74 -4.42	26.29 0.64 -2.61	24.81 0.45 -3.06	21.51 0.39 -0.70
BETHLEHEM___STEEL 23779	20.96 -0.28 0.00	18.89 -0.11 0.00	18.17 -0.20 0.00	15.75 -0.57 -0.15	17.31 -0.16 0.00	18.75 -0.04 0.00	21.18 -0.66 -0.50	20.11 -0.83 0.37	21.15 -0.87 -0.71	23.93 -0.34 0.00	23.60 0.05 0.00	24.36 0.38 0.00	25.76 0.15 0.00	25.85 0.08 0.00	27.29 0.24 0.00	29.98 0.06 0.00	31.61 0.00 0.00	37.47 -0.49 0.00	36.39 -0.78 0.00	33.97 -0.55 0.00	24.92 -0.41 0.17	22.43 -0.51 0.11	21.10 -0.60 -0.40	19.96 -0.55 -0.09
BETHLHEM_115KV_TB1 79974	21.66 0.42 0.00	19.42 0.42 0.00	18.80 0.42 0.00	17.76 0.40 -1.19	17.91 0.44 0.00	19.22 0.43 0.00	25.74 0.53 -3.87	30.82 0.55 -8.95	29.03 0.51 -7.20	25.01 0.63 -0.11	24.07 0.52 0.00	24.44 0.46 0.00	26.14 0.54 0.00	26.28 0.52 0.00	27.47 0.54 0.11	30.39 0.66 0.19	32.38 0.73 -0.04	40.70 1.06 -1.68	38.56 1.08 -0.31	35.78 1.00 -0.26	30.68 0.79 -4.40	26.36 0.71 -2.61	24.87 0.51 -3.06	21.53 0.41 -0.70
BETHPAGE_CC_5 323564	24.41 2.02 -1.15	20.62 1.61 0.00	19.83 1.45 0.00	18.28 1.20 -0.93	18.98 1.50 -0.01	20.38 1.58 -0.01	26.92 2.09 -3.48	30.42 2.13 -6.97	30.49 2.15 -7.02	29.68 2.65 -2.76	29.66 2.43 -3.68	29.64 2.35 -3.31	29.70 2.61 -1.49	29.65 2.65 -1.23	29.80 2.62 -0.13	32.88 2.75 -0.21	34.80 3.07 -0.12	48.30 3.95 -6.39	49.36 3.75 -8.43	46.55 3.52 -8.51	39.61 2.52 -11.59	32.01 2.40 -6.58	28.49 2.15 -5.04	25.23 1.98 -2.83
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	21.02 -0.21 0.00	18.94 -0.06 0.00	18.25 -0.13 0.00	15.72 -0.60 -0.16	17.36 -0.10 0.00	18.81 0.02 0.00	21.12 -0.73 -0.50	20.17 -0.85 0.29	21.13 -0.92 -0.73	24.03 -0.24 0.00	23.70 0.14 0.00	24.48 0.50 0.00	25.88 0.28 0.00	25.97 0.21 0.00	27.40 0.35 0.00	30.13 0.21 0.00	31.77 0.16 0.00	37.66 -0.30 0.00	36.54 -0.63 0.00	34.10 -0.41 0.00	25.06 -0.31 0.13	22.45 -0.51 0.08	21.04 -0.66 -0.40	19.90 -0.61 -0.09
BINGHAMTON___COGEN 23790	21.62 0.38 0.00	19.38 0.38 0.00	18.73 0.35 0.00	16.63 0.16 -0.30	17.78 0.31 0.00	19.15 0.36 0.00	22.69 0.36 -0.98	23.97 0.38 -2.27	23.50 0.36 -1.82	24.90 0.63 0.00	24.19 0.64 0.00	24.75 0.77 0.00	26.37 0.77 0.00	26.52 0.75 0.00	27.89 0.84 0.00	30.79 0.87 0.00	32.59 0.98 0.00	39.14 1.18 0.00	38.14 0.97 0.00	35.49 0.97 0.00	27.21 0.69 -1.02	24.23 0.53 -0.66	22.42 0.34 -0.78	20.91 0.31 -0.18
BIXINCNT_115KV_LOAD 355685	21.00 -0.23 0.00	18.91 -0.10 0.00	18.21 -0.17 0.00	15.47 -0.86 -0.16	17.29 -0.17 0.00	18.77 -0.02 0.00	20.78 -1.09 -0.53	20.35 -1.11 -0.13	20.99 -1.15 -0.83	24.15 -0.12 0.00	23.93 0.38 0.00	24.70 0.72 0.00	26.09 0.49 0.00	26.18 0.41 0.00	27.67 0.62 0.00	30.37 0.45 0.00	32.12 0.51 0.00	38.11 0.15 0.00	36.91 -0.26 0.00	34.45 -0.07 0.00	25.28 -0.28 -0.07	22.32 -0.76 -0.04	20.63 -1.09 -0.42	19.46 -1.06 -0.10

BLACK RIVER___HYD 24047	21.98 0.74 0.00	19.63 0.63 0.00	19.02 0.64 0.00	16.73 0.52 -0.06	18.08 0.61 0.00	19.49 0.70 0.00	22.38 0.85 -0.18	22.59 0.85 -0.42	22.45 0.79 -0.34	25.10 0.83 0.00	24.31 0.75 0.00	25.01 1.03 0.00	26.65 1.05 0.00	26.77 1.00 0.00	28.18 1.14 0.00	31.00 1.08 0.00	32.91 1.30 0.00	39.71 1.75 0.00	39.03 1.86 0.00	36.35 1.83 0.00	26.79 1.12 -0.17	24.20 1.04 -0.12	22.10 0.66 -0.14	21.01 0.55 -0.03
BLACKRVR_115KV_TB2 79977	21.98 0.74 0.00	19.63 0.63 0.00	19.02 0.64 0.00	16.73 0.52 -0.06	18.08 0.61 0.00	19.49 0.70 0.00	22.38 0.85 -0.18	22.59 0.85 -0.42	22.45 0.79 -0.34	25.10 0.83 0.00	24.31 0.75 0.00	25.01 1.03 0.00	26.63 1.02 0.00	26.77 1.00 0.00	28.16 1.11 0.00	30.97 1.05 0.00	32.87 1.26 0.00	39.70 1.75 0.00	39.03 1.86 0.00	36.31 1.79 0.00	26.79 1.12 -0.17	24.20 1.04 -0.12	22.10 0.66 -0.14	21.01 0.55 -0.03
BLISS_WT_PWR 323608	20.96 -0.28 0.00	18.85 -0.15 0.00	18.19 -0.18 0.00	15.43 -0.89 -0.16	17.21 -0.26 0.00	18.70 -0.09 0.00	20.74 -1.13 -0.53	20.28 -1.17 -0.13	20.93 -1.21 -0.83	24.10 -0.17 0.00	23.91 0.35 0.00	24.68 0.70 0.00	26.24 0.64 0.00	26.26 0.49 0.00	27.69 0.65 0.00	30.43 0.51 0.00	32.15 0.54 0.00	38.19 0.23 0.00	37.02 -0.15 0.00	34.48 -0.03 0.00	25.10 -0.46 -0.07	22.14 -0.95 -0.04	20.50 -1.21 -0.42	20.40 -0.12 -0.10
BLUESTONE___WT_PWR 323821	22.42 1.19 0.00	20.05 1.04 0.00	19.44 1.07 0.00	17.28 0.78 -0.34	18.45 0.98 0.00	19.88 1.09 0.00	23.75 1.30 -1.11	25.32 1.43 -2.57	24.83 1.45 -2.06	26.04 1.77 0.00	25.20 1.65 0.00	25.99 2.01 0.00	27.73 2.12 0.00	27.91 2.14 0.00	29.34 2.30 0.00	32.46 2.54 0.00	34.42 2.81 0.00	41.30 3.34 0.00	40.37 3.20 0.00	37.56 3.04 0.00	28.72 2.06 -1.16	25.49 1.70 -0.75	23.35 1.17 -0.88	21.77 1.14 -0.20
BLUE_CIRC_CHEM_DRP 24182	22.00 0.76 0.00	19.70 0.70 0.00	19.08 0.70 0.00	17.95 0.61 -1.17	18.17 0.70 0.00	19.49 0.70 0.00	25.98 0.83 -3.81	30.96 0.83 -8.81	29.22 0.81 -7.09	25.33 0.95 -0.11	24.38 0.82 0.00	24.77 0.79 0.00	26.47 0.87 0.00	26.62 0.85 0.00	27.85 0.89 0.09	30.86 1.08 0.14	32.79 1.14 -0.04	41.25 1.59 -1.70	39.10 1.64 -0.29	36.28 1.52 -0.25	30.92 1.17 -4.25	26.64 1.04 -2.57	25.12 0.81 -3.02	21.84 0.74 -0.69
BOC_GAS_DRP 24189	21.81 0.57 0.00	19.53 0.53 0.00	18.89 0.51 0.00	17.82 0.47 -1.19	17.98 0.51 0.00	19.30 0.51 0.00	25.85 0.64 -3.86	30.92 0.66 -8.94	29.18 0.66 -7.20	25.15 0.78 -0.10	24.24 0.68 0.00	24.60 0.62 0.00	26.32 0.72 0.00	26.49 0.72 0.00	27.69 0.73 0.08	30.62 0.84 0.14	32.54 0.89 -0.04	40.86 1.25 -1.64	38.71 1.23 -0.31	35.95 1.17 -0.26	30.70 0.92 -4.28	26.45 0.81 -2.61	25.00 0.64 -3.06	21.67 0.55 -0.70
BOONVILLE_115KV_TB1 79983	21.62 0.38 0.00	19.34 0.34 0.00	18.73 0.35 0.00	16.47 0.27 -0.03	17.80 0.33 0.00	19.17 0.38 0.00	21.92 0.47 -0.11	21.98 0.41 -0.25	21.93 0.41 -0.20	24.71 0.44 0.00	23.96 0.40 0.00	24.51 0.53 0.00	26.14 0.54 0.00	26.31 0.54 0.00	27.64 0.60 0.00	30.55 0.63 0.00	32.31 0.70 0.00	38.87 0.91 0.00	38.10 0.93 0.00	35.35 0.83 0.00	26.06 0.46 -0.10	23.50 0.39 -0.07	21.62 0.23 -0.09	20.61 0.16 -0.02
BORALEX_4TH_BRANCH 23824	22.21 0.98 0.00	19.93 0.93 0.00	19.20 0.83 0.00	18.14 0.79 -1.19	18.34 0.87 0.00	19.75 0.96 0.00	26.43 1.24 -3.85	31.44 1.22 -8.91	29.73 1.24 -7.18	25.77 1.38 -0.11	24.73 1.18 0.00	25.06 1.08 0.00	26.75 1.15 0.00	26.92 1.16 0.01	28.01 1.24 0.28	30.93 1.47 0.46	33.24 1.58 -0.05	42.00 2.24 -1.80	39.75 2.23 -0.34	36.88 2.07 -0.29	31.68 1.63 -4.55	27.11 1.47 -2.60	25.52 1.17 -3.05	22.18 1.06 -0.69
BOWLINE___1 23526	22.42 1.19 0.00	20.01 1.01 0.00	19.31 0.94 0.00	17.81 0.79 -0.86	18.31 0.84 0.00	19.69 0.90 0.00	25.34 1.22 -2.78	28.97 1.21 -6.44	27.66 1.26 -5.08	26.13 1.58 -0.28	25.04 1.48 0.00	25.37 1.39 0.00	27.14 1.54 0.00	27.37 1.60 0.00	28.73 1.57 -0.11	31.81 1.70 -0.18	33.29 1.83 0.15	43.67 2.50 -3.21	38.37 2.34 1.15	35.81 2.24 0.96	30.04 1.61 -2.94	26.41 1.50 -1.88	24.78 1.28 -2.21	22.11 1.18 -0.50
BOWLINE___2 23595	22.42 1.19 0.00	20.01 1.01 0.00	19.33 0.95 0.00	17.81 0.79 -0.86	18.31 0.84 0.00	19.69 0.90 0.00	25.36 1.24 -2.78	29.02 1.26 -6.44	27.68 1.28 -5.08	26.16 1.60 -0.28	25.06 1.51 0.00	25.39 1.41 0.00	27.19 1.59 0.00	27.42 1.65 0.00	28.78 1.62 -0.11	31.87 1.76 -0.18	33.35 1.90 0.15	43.75 2.58 -3.21	38.44 2.41 1.15	35.88 2.31 0.96	30.09 1.66 -2.94	26.44 1.52 -1.88	24.80 1.30 -2.21	22.11 1.18 -0.50
BRADY___115KV_TB2 356060	20.98 -0.25 0.00	18.75 -0.25 0.00	18.14 -0.24 0.00	16.00 -0.16 0.00	17.29 -0.17 0.00	18.60 -0.19 0.00	21.04 -0.30 0.00	21.04 -0.28 0.00	21.02 -0.30 0.00	23.86 -0.41 0.00	23.30 -0.26 0.00	23.79 -0.19 0.00	25.37 -0.23 0.00	25.59 -0.18 0.00	26.88 -0.16 0.00	29.83 -0.09 0.00	31.48 -0.13 0.00	37.73 -0.23 0.00	36.91 -0.26 0.00	34.14 -0.38 0.00	25.16 -0.33 0.00	22.74 -0.30 0.00	20.96 -0.34 0.00	20.03 -0.39 0.00
BRANSCOMB___SOLAR 323811	22.42 1.19 0.00	20.05 1.04 0.00	19.37 0.99 0.00	18.24 0.86 -1.22	18.45 0.98 0.00	19.84 1.05 0.00	26.62 1.32 -3.95	31.81 1.34 -9.15	29.94 1.26 -7.37	25.81 1.43 -0.10	24.83 1.27 0.00	25.25 1.27 0.00	26.86 1.25 0.00	26.98 1.21 0.00	28.14 1.24 0.15	31.14 1.47 0.25	33.20 1.55 -0.04	41.85 2.24 -1.65	39.94 2.45 -0.31	37.09 2.31 -0.26	32.21 1.86 -4.85	27.30 1.59 -2.67	25.69 1.26 -3.13	22.30 1.16 -0.71
BRENTWOD_69_KV_W. BRTWOOD 56703	24.90 2.51 -1.16	21.07 2.07 0.00	20.29 1.91 0.00	18.69 1.60 -0.93	19.38 1.90 -0.01	20.87 2.07 -0.01	27.43 2.60 -3.48	30.95 2.66 -6.97	31.03 2.69 -7.03	30.27 3.23 -2.76	30.25 3.02 -3.68	30.25 2.95 -3.32	30.37 3.28 -1.49	30.35 3.35 -1.23	30.56 3.38 -0.14	33.85 3.71 -0.22	35.65 3.92 -0.12	49.25 4.90 -6.39	50.26 4.65 -8.44	47.45 4.42 -8.51	40.80 3.11 -12.19	32.57 2.95 -6.58	28.98 2.64 -5.04	25.65 2.39 -2.83
BRISTLHL_115KV_TB1 79998	21.60 0.36 0.00	19.32 0.32 0.00	18.69 0.31 0.00	16.47 0.23 -0.08	17.75 0.28 0.00	19.11 0.32 0.00	22.04 0.45 -0.25	22.39 0.49 -0.58	22.26 0.47 -0.47	24.83 0.56 0.00	24.10 0.54 0.00	24.68 0.70 0.00	26.29 0.69 0.00	26.41 0.64 0.00	27.78 0.73 0.00	30.43 0.51 0.00	32.24 0.63 0.00	38.68 0.72 0.00	37.80 0.63 0.00	35.14 0.62 0.00	26.16 0.43 -0.23	23.74 0.53 -0.17	21.90 0.40 -0.20	20.90 0.43 -0.05
BROOKHAVEN___DRP 24191	24.96 2.57 -1.16	21.11 2.11 0.00	20.34 1.97 0.00	18.74 1.65 -0.93	19.45 1.97 -0.01	20.96 2.16 -0.01	27.54 2.71 -3.48	31.04 2.75 -6.97	31.10 2.75 -7.03	30.39 3.35 -2.77	30.30 3.06 -3.68	30.32 3.02 -3.32	30.42 3.33 -1.49	30.43 3.43 -1.23	30.65 3.46 -0.14	33.95 3.80 -0.22	35.66 3.92 -0.13	49.30 4.93 -6.40	50.34 4.68 -8.48	47.46 4.42 -8.52	43.27 3.24 -14.54	32.69 3.06 -6.59	29.06 2.73 -5.04	25.77 2.51 -2.84



BROOKLYN_NAVY_YARD 23515	22.68 1.44 0.00	20.18 1.18 0.00	19.54 1.16 0.00	18.01 0.92 -0.93	18.46 1.00 0.00	19.86 1.07 0.00	25.88 1.54 -3.00	29.89 1.62 -6.95	28.63 1.66 -5.64	26.57 2.01 -0.28	25.51 1.89 -0.07	25.84 1.80 -0.06	27.65 2.02 -0.03	27.91 2.11 -0.03	29.31 2.14 -0.13	32.37 2.25 -0.21	34.03 2.31 -0.11	44.93 3.15 -3.82	40.98 2.97 -0.83	38.01 2.79 -0.69	30.68 2.01 -3.17	26.89 1.82 -2.03	25.23 1.55 -2.38	22.33 1.37 -0.54
BROOKLYN___ARMY_DRP 323595	22.83 1.59 0.00	20.35 1.35 0.00	19.66 1.29 0.00	18.15 1.07 -0.93	18.62 1.15 0.00	20.01 1.22 0.00	25.99 1.64 -3.00	30.00 1.73 -6.95	33.30 1.79 -10.19	33.32 2.18 -6.86	34.51 2.10 -8.86	33.34 2.01 -7.35	35.30 2.30 -7.39	34.84 2.37 -6.70	35.28 2.38 -5.85	34.35 2.57 -1.85	34.31 2.59 -0.11	45.12 3.34 -3.82	41.20 3.20 -0.83	38.28 3.07 -0.69	30.89 2.22 -3.17	27.07 2.00 -2.03	25.40 1.73 -2.38	22.46 1.49 -0.54
BROOKVLE_69_KV_TB1 55790	24.19 1.81 -1.15	20.48 1.48 0.00	19.74 1.36 0.00	18.20 1.12 -0.93	18.80 1.33 0.00	20.22 1.43 0.00	26.72 1.90 -3.48	30.24 1.96 -6.96	30.34 2.00 -7.02	29.46 2.43 -2.76	29.53 2.31 -3.67	29.52 2.23 -3.31	29.57 2.48 -1.49	29.54 2.55 -1.22	29.72 2.54 -0.13	32.88 2.75 -0.21	34.63 2.91 -0.11	48.10 3.76 -6.39	49.21 3.61 -8.43	46.44 3.42 -8.51	39.48 2.45 -11.54	31.85 2.23 -6.57	28.27 1.94 -5.03	24.97 1.72 -2.83
BROOME_2_LFGE 323671	21.62 0.38 0.00	19.38 0.38 0.00	18.73 0.35 0.00	16.63 0.16 -0.30	17.78 0.31 0.00	19.15 0.36 0.00	22.69 0.36 -0.98	23.97 0.38 -2.27	23.50 0.36 -1.82	24.90 0.63 0.00	24.19 0.64 0.00	24.75 0.77 0.00	26.40 0.79 0.00	26.54 0.77 0.00	27.89 0.84 0.00	30.82 0.90 0.00	32.62 1.01 0.00	39.14 1.18 0.00	38.17 1.00 0.00	35.52 1.00 0.00	27.18 0.66 -1.02	24.23 0.53 -0.66	22.40 0.32 -0.78	21.07 0.47 -0.18
BROOME___LFGE 323600	21.62 0.38 0.00	19.38 0.38 0.00	18.73 0.35 0.00	16.63 0.16 -0.30	17.78 0.31 0.00	19.15 0.36 0.00	22.69 0.36 -0.98	23.97 0.38 -2.27	23.50 0.36 -1.82	24.90 0.63 0.00	24.19 0.64 0.00	24.75 0.77 0.00	26.40 0.79 0.00	26.54 0.77 0.00	27.89 0.84 0.00	30.82 0.90 0.00	32.62 1.01 0.00	39.14 1.18 0.00	38.17 1.00 0.00	35.52 1.00 0.00	27.18 0.66 -1.02	24.23 0.53 -0.66	22.40 0.32 -0.78	21.07 0.47 -0.18
BROWNFLS_115KV_TB_3_5 80003	21.26 0.02 0.00	19.00 0.00 0.00	18.38 0.00 0.00	16.20 0.02 -0.02	17.49 0.02 0.00	18.83 0.04 0.00	21.44 0.02 -0.08	21.46 0.02 -0.18	21.42 -0.04 -0.15	24.15 -0.12 0.00	23.53 -0.02 0.00	24.05 0.07 0.00	25.63 0.03 0.00	25.82 0.05 0.00	27.15 0.11 0.00	30.07 0.15 0.00	31.77 0.16 0.00	38.11 0.15 0.00	37.17 0.00 0.00	34.45 -0.07 0.00	25.34 -0.23 -0.07	22.95 -0.14 -0.05	21.15 -0.21 -0.06	20.17 -0.27 -0.01
BROWNSV1_27_KV_LOAD 356125	22.83 1.59 0.00	20.35 1.35 0.00	19.68 1.30 0.00	18.14 1.05 -0.93	18.59 1.12 0.00	20.01 1.22 0.00	26.03 1.69 -3.00	30.06 1.79 -6.95	28.80 1.83 -5.64	26.79 2.23 -0.28	25.77 2.14 -0.07	26.08 2.04 -0.06	27.96 2.33 -0.03	28.19 2.40 -0.03	29.58 2.41 -0.13	32.73 2.60 -0.21	34.38 2.66 -0.11	45.31 3.53 -3.82	41.35 3.35 -0.83	38.35 3.14 -0.69	30.91 2.24 -3.17	27.09 2.03 -2.03	25.40 1.73 -2.38	22.44 1.47 -0.54
BURROWS___LYONSDAL 23803	21.62 0.38 0.00	19.32 0.32 0.00	18.71 0.33 0.00	16.45 0.26 -0.03	17.78 0.31 0.00	19.15 0.36 0.00	21.90 0.45 -0.11	21.91 0.34 -0.25	21.89 0.36 -0.20	24.66 0.39 0.00	23.91 0.35 0.00	24.46 0.48 0.00	26.09 0.49 0.00	26.26 0.49 0.00	27.59 0.54 0.00	30.49 0.57 0.00	32.27 0.66 0.00	38.79 0.84 0.00	38.03 0.85 0.00	35.28 0.76 0.00	25.96 0.36 -0.10	23.44 0.32 -0.07	21.53 0.15 -0.09	20.52 0.08 -0.02
CAITHNESS_CC_1 323624	24.90 2.50 -1.16	21.04 2.03 0.00	20.25 1.88 0.00	18.69 1.60 -0.93	19.45 1.97 -0.01	20.89 2.09 -0.01	27.45 2.62 -3.48	30.96 2.66 -6.98	30.99 2.64 -7.03	30.29 3.25 -2.77	30.20 2.97 -3.68	30.20 2.90 -3.32	30.29 3.20 -1.49	30.22 3.22 -1.23	30.46 3.27 -0.14	33.67 3.53 -0.22	35.54 3.79 -0.14	49.18 4.82 -6.40	50.19 4.53 -8.48	47.32 4.28 -8.52	43.13 3.11 -14.52	32.55 2.93 -6.59	29.02 2.68 -5.04	25.77 2.51 -2.84
CALPINE BETH_PAGE_GT4 24209	24.30 1.91 -1.15	20.54 1.54 0.00	19.76 1.38 0.00	18.22 1.13 -0.93	18.87 1.40 0.00	20.30 1.50 0.00	26.81 1.98 -3.48	30.33 2.05 -6.96	30.43 2.09 -7.02	29.58 2.55 -2.76	29.56 2.33 -3.67	29.55 2.25 -3.31	29.62 2.53 -1.49	29.60 2.60 -1.22	29.77 2.60 -0.13	32.83 2.69 -0.21	34.60 2.88 -0.11	48.07 3.72 -6.39	49.13 3.53 -8.43	46.38 3.35 -8.51	39.47 2.40 -11.58	31.85 2.23 -6.58	28.38 2.04 -5.04	25.07 1.82 -2.83
CALPINE_BETH_PAGE_GT_4 323586	24.32 1.93 -1.15	20.54 1.54 0.00	19.76 1.38 0.00	18.22 1.13 -0.93	18.91 1.43 0.00	20.30 1.50 0.00	26.81 1.99 -3.48	30.34 2.05 -6.97	30.41 2.07 -7.02	29.58 2.55 -2.76	29.56 2.33 -3.67	29.55 2.25 -3.31	29.60 2.51 -1.49	29.54 2.55 -1.22	29.69 2.52 -0.13	32.71 2.57 -0.21	34.61 2.88 -0.12	48.07 3.72 -6.39	49.14 3.53 -8.43	46.34 3.31 -8.51	39.47 2.40 -11.58	31.92 2.30 -6.58	28.40 2.07 -5.04	25.15 1.90 -2.83
CALPINE_BP_GT1 23823	24.32 1.93 -1.15	20.54 1.54 0.00	19.76 1.38 0.00	18.22 1.13 -0.93	18.91 1.43 0.00	20.30 1.50 0.00	26.81 1.99 -3.48	30.34 2.05 -6.97	30.41 2.07 -7.02	29.58 2.55 -2.76	29.56 2.33 -3.67	29.55 2.25 -3.31	29.60 2.51 -1.49	29.54 2.55 -1.22	29.69 2.52 -0.13	32.71 2.57 -0.21	34.61 2.88 -0.12	48.07 3.72 -6.39	49.14 3.53 -8.43	46.34 3.31 -8.51	39.47 2.40 -11.58	31.92 2.30 -6.58	28.40 2.07 -5.04	25.15 1.90 -2.83
CALSPAN___DRP 24200	20.96 -0.28 0.00	18.89 -0.11 0.00	18.17 -0.20 0.00	15.75 -0.57 -0.15	17.31 -0.16 0.00	18.75 -0.04 0.00	21.18 -0.66 -0.50	20.11 -0.83 0.37	21.15 -0.87 -0.71	23.93 -0.34 0.00	23.60 0.05 0.00	24.36 0.38 0.00	25.76 0.15 0.00	25.85 0.08 0.00	27.29 0.24 0.00	29.98 0.06 0.00	31.61 0.00 0.00	37.47 -0.49 0.00	36.39 -0.78 0.00	33.97 -0.55 0.00	24.92 -0.41 0.17	22.43 -0.51 0.11	21.10 -0.60 -0.40	19.96 -0.55 -0.09
CALVERTON___SOLAR 323806	25.09 2.70 -1.16	21.20 2.20 0.00	20.42 2.04 0.00	18.82 1.73 -0.93	19.63 2.15 -0.01	21.05 2.25 -0.01	27.64 2.82 -3.48	31.15 2.86 -6.98	31.18 2.84 -7.03	30.51 3.47 -2.77	30.41 3.18 -3.68	30.44 3.14 -3.32	30.53 3.43 -1.49	30.45 3.45 -1.23	30.73 3.54 -0.14	33.95 3.80 -0.22	35.83 4.08 -0.14	49.52 5.16 -6.40	50.56 4.91 -8.48	47.67 4.63 -8.52	43.43 3.39 -14.55	32.81 3.18 -6.59	29.23 2.90 -5.04	25.97 2.72 -2.84
CANDIGU_WT_PWR 323617	21.17 -0.06 0.00	19.02 0.02 0.00	18.36 -0.02 0.00	16.03 -0.34 -0.20	17.42 -0.05 0.00	18.87 0.08 0.00	21.77 -0.23 -0.66	15.70 -0.25 5.37	21.19 -0.34 -0.21	24.44 0.17 0.00	23.93 0.38 0.00	24.65 0.67 0.00	26.27 0.66 0.00	26.33 0.57 0.00	27.69 0.65 0.00	30.55 0.63 0.00	32.28 0.66 0.00	38.56 0.61 0.00	37.43 0.26 0.00	34.83 0.31 0.00	23.09 0.08 2.48	21.28 -0.14 1.62	21.44 -0.38 -0.53	20.60 0.06 -0.12

CARR STREET_E_SYR 24060	21.24 0.00 0.00	19.02 0.02 0.00	18.40 0.02 0.00	16.23 -0.02 -0.09	17.47 0.00 0.00	18.81 0.02 0.00	21.69 0.06 -0.28	22.03 0.06 -0.65	21.88 0.04 -0.52	24.35 0.07 0.00	23.60 0.05 0.00	24.10 0.12 0.00	25.73 0.13 0.00	25.79 0.03 0.00	27.05 0.00 0.00	29.86 -0.06 0.00	31.58 -0.03 0.00	37.88 -0.08 0.00	37.02 -0.15 0.00	34.42 -0.10 0.00	25.73 -0.03 -0.26	23.25 0.02 -0.19	21.54 0.02 -0.22	20.56 0.08 -0.05
CARTHAGE___PAPER 23857	21.66 0.42 0.00	19.36 0.36 0.00	18.74 0.37 0.00	16.50 0.29 -0.05	17.82 0.35 0.00	19.20 0.41 0.00	22.01 0.51 -0.16	22.13 0.45 -0.36	22.01 0.40 -0.29	24.66 0.39 0.00	23.93 0.38 0.00	24.53 0.55 0.00	26.14 0.54 0.00	26.28 0.52 0.00	27.64 0.59 0.00	30.49 0.57 0.00	32.34 0.73 0.00	38.94 0.99 0.00	38.25 1.08 0.00	35.52 1.00 0.00	26.15 0.51 -0.14	23.60 0.46 -0.10	21.66 0.23 -0.12	20.59 0.14 -0.03
CASSADAGA_WT_PWR 323784	20.88 -0.36 0.00	18.79 -0.21 0.00	18.12 -0.26 0.00	15.61 -0.71 -0.16	17.21 -0.26 0.00	18.68 -0.11 0.00	21.06 -0.81 -0.53	20.49 -0.88 -0.04	21.19 -0.94 -0.81	24.15 -0.12 0.00	23.93 0.38 0.00	24.82 0.84 0.00	26.42 0.82 0.00	26.41 0.64 0.00	27.83 0.78 0.00	30.67 0.75 0.00	32.37 0.76 0.00	38.45 0.49 0.00	37.17 0.00 0.00	34.59 0.07 0.00	25.34 -0.18 -0.02	22.60 -0.46 -0.02	21.01 -0.70 -0.42	20.52 0.00 -0.09
CE_DUNWOOD___DRP 24194	22.55 1.32 0.00	20.12 1.12 0.00	19.44 1.07 0.00	17.97 0.89 -0.92	18.43 0.96 0.00	19.82 1.03 0.00	25.73 1.41 -2.98	29.67 1.45 -6.91	28.42 1.49 -5.61	26.33 1.82 -0.24	25.27 1.72 0.00	25.61 1.63 0.00	27.47 1.87 0.00	27.70 1.93 0.00	29.09 1.92 -0.13	32.22 2.09 -0.21	33.87 2.15 -0.11	44.73 2.88 -3.89	40.78 2.75 -0.85	37.85 2.62 -0.71	30.51 1.86 -3.15	26.76 1.70 -2.01	25.11 1.45 -2.36	22.21 1.25 -0.54
CE_MILLWOOD___DRP 24193	22.51 1.27 0.00	20.08 1.08 0.00	19.41 1.03 0.00	17.93 0.86 -0.91	18.40 0.93 0.00	19.79 1.00 0.00	25.64 1.34 -2.95	29.54 1.39 -6.83	28.30 1.43 -5.55	26.27 1.75 -0.25	25.20 1.65 0.00	25.54 1.56 0.00	27.37 1.77 0.00	27.60 1.83 0.00	28.98 1.81 -0.12	32.10 1.97 -0.20	33.78 2.05 -0.12	44.72 2.77 -3.99	40.68 2.64 -0.87	37.76 2.52 -0.72	30.40 1.78 -3.12	26.67 1.64 -1.99	25.02 1.38 -2.34	22.16 1.20 -0.53
CE_NYC2_DRP 24202	22.77 1.53 0.00	20.29 1.29 0.00	19.63 1.25 0.00	18.11 1.02 -0.93	18.55 1.08 0.00	19.97 1.18 0.00	25.97 1.62 -3.00	29.98 1.71 -6.95	33.24 1.73 -10.19	33.24 2.11 -6.86	34.42 2.00 -8.86	33.24 1.92 -7.35	35.17 2.18 -7.39	34.71 2.24 -6.70	35.17 2.27 -5.85	34.23 2.45 -1.85	34.22 2.50 -0.11	44.93 3.15 -3.82	41.05 3.05 -0.83	38.15 2.93 -0.69	30.81 2.14 -3.17	27.00 1.94 -2.03	25.34 1.66 -2.38	22.37 1.41 -0.54
CE_NYC_DRP 24195	22.68 1.44 0.00	20.22 1.22 0.00	19.55 1.18 0.00	18.04 0.95 -0.93	18.48 1.01 0.00	19.90 1.11 0.00	25.90 1.56 -3.00	29.91 1.64 -6.95	28.65 1.68 -5.64	26.59 2.04 -0.28	25.58 1.96 -0.07	25.89 1.85 -0.06	27.75 2.12 -0.03	27.98 2.19 -0.03	29.39 2.22 -0.13	32.49 2.36 -0.21	34.12 2.40 -0.11	45.00 3.23 -3.82	41.05 3.05 -0.83	38.08 2.87 -0.69	30.71 2.04 -3.17	26.93 1.87 -2.03	25.28 1.60 -2.38	22.31 1.35 -0.54
CHAFFEE___LFGE 323603	21.00 -0.23 0.00	18.94 -0.06 0.00	18.25 -0.13 0.00	15.74 -0.58 -0.16	17.31 -0.16 0.00	18.81 0.02 0.00	21.19 -0.66 -0.51	20.37 -0.83 0.12	21.21 -0.88 -0.77	24.01 -0.27 0.00	23.70 0.14 0.00	24.48 0.50 0.00	26.09 0.49 0.00	26.08 0.31 0.00	27.45 0.41 0.00	30.22 0.30 0.00	31.80 0.19 0.00	37.73 -0.23 0.00	36.65 -0.52 0.00	34.21 -0.31 0.00	25.14 -0.30 0.05	22.52 -0.48 0.03	21.07 -0.64 -0.41	20.58 0.06 -0.09
CHATEAUG_35_KV_LOAD 355732	20.56 -0.68 0.00	18.34 -0.67 0.00	17.72 -0.66 0.00	15.58 -0.58 0.00	16.81 -0.66 0.00	18.10 -0.70 0.00	20.49 -0.85 0.00	20.55 -0.77 0.00	20.62 -0.70 0.00	23.47 -0.80 0.00	23.15 -0.40 0.00	23.64 -0.34 0.00	25.17 -0.44 0.00	25.46 -0.31 0.00	26.78 -0.27 0.00	29.77 -0.15 0.00	31.42 -0.19 0.00	37.58 -0.38 0.00	36.65 -0.52 0.00	33.69 -0.83 0.00	24.71 -0.79 0.00	22.14 -0.90 0.00	20.32 -0.98 0.00	19.32 -1.10 0.00
CHATEAUG_WT_PWR 323614	20.54 -0.70 0.00	18.36 -0.65 0.00	17.72 -0.66 0.00	15.58 -0.58 0.00	16.81 -0.66 0.00	18.10 -0.69 0.00	20.47 -0.88 0.00	20.62 -0.70 0.00	20.64 -0.68 0.00	23.47 -0.80 0.00	23.15 -0.40 0.00	23.64 -0.34 0.00	25.17 -0.44 0.00	25.46 -0.31 0.00	26.86 -0.19 0.00	29.83 -0.09 0.00	31.39 -0.22 0.00	37.54 -0.42 0.00	36.65 -0.52 0.00	33.62 -0.90 0.00	24.68 -0.82 0.00	22.09 -0.95 0.00	20.32 -0.98 0.00	19.26 -1.16 0.00
CHAT_HIGH_FALL_HYD 323578	20.54 -0.70 0.00	18.34 -0.67 0.00	17.72 -0.66 0.00	15.58 -0.58 0.00	16.81 -0.66 0.00	18.10 -0.69 0.00	20.49 -0.85 0.00	20.55 -0.77 0.00	20.64 -0.68 0.00	23.47 -0.80 0.00	23.15 -0.40 0.00	23.64 -0.34 0.00	25.14 -0.46 0.00	25.46 -0.31 0.00	26.78 -0.27 0.00	29.74 -0.18 0.00	31.42 -0.19 0.00	37.54 -0.42 0.00	36.65 -0.52 0.00	33.62 -0.90 0.00	24.68 -0.82 0.00	22.09 -0.95 0.00	20.32 -0.98 0.00	19.26 -1.16 0.00
CHAUTAUQUA___LFGE 323629	20.96 -0.28 0.00	18.89 -0.11 0.00	18.21 -0.17 0.00	15.79 -0.53 -0.16	17.28 -0.19 0.00	18.75 -0.04 0.00	21.26 -0.60 -0.52	20.42 -0.72 0.17	21.30 -0.79 -0.77	24.10 -0.17 0.00	23.81 0.26 0.00	24.63 0.65 0.00	26.24 0.64 0.00	26.26 0.49 0.00	27.64 0.59 0.00	30.46 0.54 0.00	32.09 0.47 0.00	38.11 0.15 0.00	36.91 -0.26 0.00	34.45 -0.07 0.00	25.24 -0.18 0.08	22.65 -0.34 0.05	21.20 -0.51 -0.41	20.62 0.10 -0.09
CHERRYST_13_KV_LD 356241	22.72 1.49 0.00	20.26 1.25 0.00	19.61 1.23 0.00	18.09 1.00 -0.93	18.54 1.07 0.00	19.94 1.15 0.00	25.95 1.60 -3.00	29.98 1.71 -6.95	28.71 1.75 -5.64	26.69 2.14 -0.28	25.65 2.03 -0.07	25.98 1.94 -0.06	27.86 2.23 -0.03	28.09 2.29 -0.03	29.47 2.30 -0.13	32.61 2.48 -0.21	34.22 2.50 -0.11	45.12 3.34 -3.82	41.16 3.16 -0.83	38.18 2.97 -0.69	30.79 2.12 -3.17	27.00 1.94 -2.03	25.32 1.64 -2.38	22.35 1.39 -0.54
CHESTROR_138KV_BK263 355645	22.28 1.04 0.00	19.89 0.89 0.00	19.22 0.85 0.00	17.66 0.71 -0.79	18.20 0.73 0.00	19.58 0.79 0.00	24.93 1.05 -2.55	28.28 1.07 -5.89	27.07 1.09 -4.66	26.34 1.36 -0.71	24.85 1.30 0.00	25.20 1.22 0.00	26.98 1.38 0.00	27.19 1.42 0.00	28.55 1.41 -0.09	31.63 1.56 -0.15	33.17 1.68 0.12	49.57 2.28 -9.34	38.41 2.12 0.88	35.85 2.07 0.74	29.66 1.48 -2.69	26.09 1.34 -1.72	24.45 1.13 -2.02	21.88 1.00 -0.46
CH_MIDHUDSON___DRP 24192	22.40 1.17 0.00	20.03 1.03 0.00	19.33 0.96 0.00	17.94 0.81 -0.97	18.33 0.86 0.00	19.69 0.90 0.00	25.67 1.20 -3.13	29.79 1.22 -7.25	28.43 1.26 -5.85	26.01 1.53 -0.21	24.97 1.41 0.00	25.27 1.29 0.00	27.09 1.48 0.00	27.29 1.52 0.00	28.65 1.51 -0.08	31.76 1.71 -0.14	33.46 1.80 -0.05	43.51 2.47 -3.08	39.90 2.38 -0.35	37.12 2.31 -0.29	30.47 1.66 -3.31	26.68 1.52 -2.12	25.04 1.26 -2.48	22.09 1.10 -0.57

CH_MISC_IPPS 23765	22.55 1.32 0.00	20.10 1.10 0.00	19.42 1.05 0.00	17.95 0.87 -0.92	18.36 0.89 0.00	19.71 0.92 0.00	25.53 1.22 -2.97	29.44 1.24 -6.88	28.13 1.28 -5.53	26.09 1.58 -0.24	25.04 1.48 0.00	25.35 1.37 0.00	27.11 1.51 0.00	27.34 1.57 0.00	28.71 1.57 -0.10	31.85 1.76 -0.16	33.49 1.86 -0.01	43.99 2.62 -3.42	39.81 2.53 -0.11	37.09 2.49 -0.09	30.40 1.76 -3.15	26.64 1.59 -2.01	24.98 1.32 -2.36	22.18 1.23 -0.54
CH_RES_BVR_FALLS 23983	20.94 -0.30 0.00	18.74 -0.27 0.00	18.12 -0.26 0.00	15.97 -0.19 0.00	17.24 -0.23 0.00	18.55 -0.24 0.00	21.00 -0.34 0.00	21.00 -0.32 0.00	21.00 -0.32 0.00	23.88 -0.39 0.00	23.23 -0.33 0.00	23.64 -0.34 0.00	25.24 -0.36 0.00	25.41 -0.36 0.00	26.69 -0.35 0.00	29.56 -0.36 0.00	31.20 -0.41 0.00	37.39 -0.57 0.00	36.65 -0.52 0.00	33.97 -0.55 0.00	25.09 -0.41 0.00	22.65 -0.39 0.00	20.98 -0.32 0.00	20.10 -0.33 0.00
CH_RES_NIAGARA 23895	20.13 -1.11 0.00	18.15 -0.85 0.00	17.50 -0.88 0.00	15.45 -0.86 -0.14	16.61 -0.86 0.00	18.02 -0.77 0.00	20.79 -1.02 -0.47	20.17 -0.94 0.21	20.66 -1.34 -0.69	22.89 -1.38 0.00	22.54 -1.01 0.00	23.26 -0.72 0.00	24.81 -0.79 0.00	24.74 -1.03 0.00	26.02 -1.03 0.00	28.69 -1.23 0.00	30.09 -1.52 0.00	35.68 -2.28 0.00	34.64 -2.53 0.00	32.38 -2.14 0.00	23.90 -1.50 0.09	21.76 -1.22 0.06	20.58 -1.09 -0.37	19.73 -0.78 -0.08
CH_RES_SYRACUSE 23985	21.39 0.15 0.00	19.15 0.15 0.00	18.51 0.13 0.00	16.33 0.08 -0.09	17.58 0.11 0.00	18.94 0.15 0.00	21.84 0.21 -0.28	22.21 0.23 -0.65	22.05 0.21 -0.52	24.54 0.27 0.00	23.79 0.24 0.00	24.32 0.34 0.00	25.93 0.33 0.00	26.05 0.28 0.00	27.40 0.35 0.00	30.19 0.27 0.00	31.96 0.35 0.00	38.34 0.38 0.00	37.47 0.30 0.00	34.79 0.27 0.00	25.96 0.20 -0.26	23.44 0.21 -0.19	21.69 0.17 -0.22	20.68 0.20 -0.05
CLINTON_WT_PWR 323605	20.54 -0.70 0.00	18.36 -0.65 0.00	17.72 -0.66 0.00	15.58 -0.58 0.00	16.81 -0.66 0.00	18.10 -0.69 0.00	20.47 -0.88 0.00	20.62 -0.70 0.00	20.64 -0.68 0.00	23.47 -0.80 0.00	23.15 -0.40 0.00	23.64 -0.34 0.00	25.17 -0.44 0.00	25.46 -0.31 0.00	26.86 -0.19 0.00	29.83 -0.09 0.00	31.39 -0.22 0.00	37.54 -0.42 0.00	36.65 -0.52 0.00	33.62 -0.90 0.00	24.68 -0.82 0.00	22.09 -0.95 0.00	20.32 -0.98 0.00	19.26 -1.16 0.00
CLINTON__LFGE 323618	20.66 -0.57 0.00	18.45 -0.55 0.00	17.81 -0.57 0.00	15.68 -0.48 0.00	16.93 -0.54 0.00	18.23 -0.56 0.00	20.62 -0.73 0.00	20.89 -0.43 0.00	20.79 -0.53 0.00	23.64 -0.63 0.00	23.37 -0.19 0.00	23.86 -0.12 0.00	25.37 -0.23 0.00	25.69 -0.08 0.00	27.26 0.22 0.00	30.37 0.45 0.00	31.71 0.10 0.00	37.92 -0.04 0.00	36.99 -0.18 0.00	33.90 -0.62 0.00	24.88 -0.61 0.00	22.23 -0.81 0.00	20.42 -0.87 0.00	19.36 -1.06 0.00
COBBLENY_34_KV_TB1 80064	21.00 -0.23 0.00	18.94 -0.06 0.00	18.23 -0.15 0.00	15.74 -0.58 -0.16	17.35 -0.12 0.00	18.81 0.02 0.00	21.17 -0.68 -0.51	20.37 -0.83 0.12	21.21 -0.87 -0.77	24.01 -0.27 0.00	23.70 0.14 0.00	24.48 0.50 0.00	25.88 0.28 0.00	25.95 0.18 0.00	27.40 0.35 0.00	30.13 0.21 0.00	31.77 0.16 0.00	37.62 -0.34 0.00	36.54 -0.63 0.00	34.14 -0.38 0.00	25.14 -0.31 0.05	22.55 -0.46 0.03	21.09 -0.62 -0.41	19.92 -0.59 -0.09
COFFEEN__115KV_TB3 355620	22.09 0.85 0.00	19.72 0.72 0.00	19.11 0.74 0.00	16.80 0.58 -0.06	18.17 0.70 0.00	19.58 0.79 0.00	22.51 0.98 -0.18	22.73 0.98 -0.43	22.58 0.92 -0.34	25.24 0.97 0.00	24.43 0.87 0.00	25.13 1.15 0.00	26.78 1.18 0.00	26.93 1.16 0.00	28.32 1.27 0.00	31.15 1.23 0.00	33.10 1.49 0.00	39.97 2.01 0.00	39.36 2.19 0.00	36.62 2.11 0.00	27.02 1.35 -0.17	24.38 1.22 -0.12	22.23 0.79 -0.15	21.11 0.65 -0.03
COLDSPRG_115KV_BK1 355956	21.41 0.17 0.00	19.29 0.29 0.00	18.56 0.18 0.00	15.78 -0.55 -0.17	17.66 0.19 0.00	19.19 0.39 0.00	21.28 -0.60 -0.54	21.11 -0.60 -0.39	21.52 -0.68 -0.88	24.73 0.46 0.00	24.47 0.92 0.00	25.32 1.34 0.00	26.75 1.15 0.00	26.85 1.08 0.00	28.37 1.33 0.00	31.18 1.26 0.00	32.97 1.36 0.00	39.10 1.14 0.00	37.80 0.63 0.00	35.31 0.79 0.00	26.16 0.48 -0.18	23.11 -0.05 -0.12	21.26 -0.47 -0.43	19.97 -0.55 -0.10
COLONIE_LFGE__ 323577	22.13 0.89 0.00	19.80 0.80 0.00	19.13 0.75 0.00	18.05 0.68 -1.21	18.24 0.77 0.00	19.60 0.81 0.00	26.28 1.02 -3.91	31.42 1.04 -9.06	29.64 1.02 -7.29	25.54 1.17 -0.11	24.57 1.01 0.00	24.94 0.96 0.00	26.60 1.00 0.00	26.74 0.98 0.00	27.90 1.03 0.18	30.86 1.23 0.29	32.98 1.33 -0.04	41.51 1.86 -1.69	39.39 1.89 -0.32	36.55 1.76 -0.27	31.61 1.40 -4.72	26.92 1.24 -2.64	25.38 0.98 -3.10	22.03 0.90 -0.71
COOPERNY_115KV_TB1 80082	22.06 0.83 0.00	19.70 0.70 0.00	19.06 0.68 0.00	17.30 0.55 -0.59	18.06 0.59 0.00	19.43 0.64 0.00	24.12 0.85 -1.92	26.64 0.87 -4.45	25.72 0.87 -3.53	25.25 1.12 0.14	24.59 1.04 0.00	25.01 1.03 0.00	26.75 1.15 0.00	26.96 1.19 0.00	28.26 1.16 -0.05	31.29 1.29 -0.09	32.91 1.36 0.06	37.66 1.86 2.16	38.45 1.71 0.44	35.81 1.66 0.36	28.72 1.20 -2.02	25.42 1.08 -1.30	23.72 0.89 -1.52	21.55 0.78 -0.35
COPENHAGEN_WT_PWR 323753	21.94 0.70 0.00	19.59 0.59 0.00	18.98 0.61 0.00	16.69 0.47 -0.06	18.03 0.56 0.00	19.43 0.64 0.00	22.34 0.81 -0.19	22.54 0.79 -0.44	22.39 0.73 -0.35	25.05 0.78 0.00	24.26 0.71 0.00	24.94 0.96 0.00	26.60 1.00 0.00	26.72 0.95 0.00	28.10 1.05 0.00	30.91 0.99 0.00	32.78 1.17 0.00	39.55 1.59 0.00	38.88 1.71 0.00	36.18 1.66 0.00	26.72 1.05 -0.18	24.13 0.97 -0.13	22.07 0.62 -0.15	20.99 0.53 -0.03
CORNELL____ 23752	21.79 0.55 0.00	19.51 0.51 0.00	18.85 0.48 0.00	16.69 0.32 -0.21	17.92 0.45 0.00	19.32 0.53 0.00	22.64 0.62 -0.68	23.95 0.68 -1.95	23.27 0.64 -1.32	25.10 0.83 0.00	24.31 0.75 0.00	24.92 0.94 0.00	26.52 0.92 0.00	26.67 0.90 0.00	28.07 1.03 0.00	31.03 1.11 0.00	32.91 1.30 0.00	39.55 1.59 0.00	38.62 1.45 0.00	35.90 1.38 0.00	27.35 0.97 -0.88	24.40 0.78 -0.57	22.39 0.55 -0.54	21.08 0.53 -0.12
CORONAAV_69_KV_TB1 355595	24.23 1.85 -1.15	20.48 1.48 0.00	19.72 1.34 0.00	18.19 1.10 -0.93	18.81 1.35 0.00	20.22 1.43 0.00	26.74 1.92 -3.47	30.24 1.96 -6.96	30.32 1.98 -7.02	29.43 2.40 -2.76	29.46 2.24 -3.67	29.45 2.16 -3.31	29.52 2.43 -1.48	29.46 2.47 -1.22	29.69 2.52 -0.13	32.82 2.69 -0.21	34.60 2.88 -0.11	48.03 3.68 -6.39	49.13 3.53 -8.43	46.41 3.38 -8.51	39.46 2.42 -11.54	31.82 2.21 -6.57	28.29 1.96 -5.03	24.98 1.74 -2.83
CORTLAND_115KV_TB3 80093	21.62 0.38 0.00	19.36 0.36 0.00	18.73 0.35 0.00	16.56 0.23 -0.17	17.78 0.31 0.00	19.17 0.38 0.00	22.32 0.43 -0.55	23.06 0.47 -1.27	22.79 0.45 -1.02	24.88 0.61 0.00	24.12 0.57 0.00	24.68 0.70 0.00	26.29 0.69 0.00	26.44 0.67 0.00	27.80 0.76 0.00	30.70 0.78 0.00	32.53 0.92 0.00	39.06 1.10 0.00	38.17 1.00 0.00	35.49 0.97 0.00	26.73 0.66 -0.57	23.96 0.55 -0.37	22.12 0.38 -0.44	20.89 0.37 -0.10

COXSACKIE___GT 23611	22.55 1.32 0.00	20.12 1.12 0.00	19.44 1.07 0.00	18.26 0.97 -1.12	18.41 0.94 0.00	19.71 0.92 0.00	26.01 1.02 -3.64	30.76 1.00 -8.43	29.05 0.94 -6.79	25.48 1.09 -0.12	24.50 0.94 0.00	24.82 0.84 0.00	26.45 0.84 0.00	26.62 0.85 0.00	28.01 1.03 0.06	31.19 1.38 0.10	33.26 1.61 -0.03	42.20 2.43 -1.81	40.10 2.68 -0.25	37.46 2.73 -0.21	31.34 1.78 -4.06	27.07 1.57 -2.46	25.38 1.19 -2.89	22.24 1.16 -0.66
CPV_VALLEY___CC1 323721	22.21 0.98 0.00	19.84 0.84 0.00	19.17 0.79 0.00	17.51 0.65 -0.70	18.17 0.70 0.00	19.52 0.73 0.00	24.61 1.00 -2.27	27.59 1.02 -5.24	26.50 1.02 -4.16	25.44 1.31 0.14	24.78 1.22 0.00	25.15 1.17 0.00	26.91 1.30 0.00	27.11 1.34 0.00	28.45 1.32 -0.08	31.51 1.47 -0.13	33.09 1.58 0.10	37.74 2.16 2.39	38.46 2.01 0.71	35.86 1.93 0.60	29.26 1.38 -2.39	25.83 1.27 -1.53	24.16 1.06 -1.80	21.81 0.98 -0.41
CPV_VALLEY___CC2 323722	22.21 0.98 0.00	19.84 0.84 0.00	19.17 0.79 0.00	17.51 0.65 -0.70	18.17 0.70 0.00	19.52 0.73 0.00	24.61 1.00 -2.27	27.59 1.02 -5.24	26.50 1.02 -4.16	25.44 1.31 0.14	24.78 1.22 0.00	25.15 1.17 0.00	26.91 1.30 0.00	27.11 1.34 0.00	28.45 1.32 -0.08	31.51 1.47 -0.13	33.09 1.58 0.10	37.74 2.16 2.39	38.46 2.01 0.71	35.86 1.93 0.60	29.26 1.38 -2.39	25.83 1.27 -1.53	24.16 1.06 -1.80	21.81 0.98 -0.41
CRESCENT___HYD 24018	22.13 0.89 0.00	19.80 0.80 0.00	19.13 0.75 0.00	18.05 0.68 -1.21	18.24 0.77 0.00	19.60 0.81 0.00	26.28 1.02 -3.91	31.42 1.04 -9.06	29.64 1.02 -7.29	25.54 1.17 -0.11	24.57 1.01 0.00	24.94 0.96 0.00	26.60 1.00 0.00	26.74 0.98 0.00	27.90 1.03 0.18	30.86 1.23 0.29	32.98 1.33 -0.04	41.51 1.86 -1.69	39.39 1.89 -0.32	36.55 1.76 -0.27	31.61 1.40 -4.72	26.92 1.24 -2.64	25.38 0.98 -3.10	22.03 0.90 -0.71
CRICKET___VALLEY_CC1 323756	22.21 0.98 0.00	19.88 0.87 0.00	19.17 0.79 0.00	17.89 0.71 -1.01	18.26 0.79 0.00	19.62 0.83 0.00	25.72 1.09 -3.29	30.03 1.11 -7.60	28.59 1.13 -6.15	25.79 1.33 -0.18	24.76 1.20 0.00	25.06 1.08 0.00	26.78 1.18 0.00	26.96 1.24 0.05	26.54 1.22 1.73	28.44 1.35 2.82	33.11 1.42 -0.08	42.91 2.05 -2.91	39.71 1.97 -0.58	36.86 1.86 -0.48	30.38 1.40 -3.48	26.57 1.31 -2.22	24.99 1.09 -2.60	22.04 1.02 -0.59
CRICKET___VALLEY_CC2 323757	22.21 0.98 0.00	19.88 0.87 0.00	19.17 0.79 0.00	17.89 0.71 -1.01	18.26 0.79 0.00	19.62 0.83 0.00	25.72 1.09 -3.29	30.03 1.11 -7.60	28.59 1.13 -6.15	25.79 1.33 -0.18	24.76 1.20 0.00	25.06 1.08 0.00	26.78 1.18 0.00	26.96 1.24 0.05	26.54 1.22 1.73	28.44 1.35 2.82	33.11 1.42 -0.08	42.91 2.05 -2.91	39.71 1.97 -0.58	36.86 1.86 -0.48	30.38 1.40 -3.48	26.57 1.31 -2.22	24.99 1.09 -2.60	22.04 1.02 -0.59
CRICKET___VALLEY_CC3 323758	22.21 0.98 0.00	19.88 0.87 0.00	19.17 0.79 0.00	17.89 0.71 -1.01	18.26 0.79 0.00	19.62 0.83 0.00	25.72 1.09 -3.29	30.03 1.11 -7.60	28.59 1.13 -6.15	25.79 1.33 -0.18	24.76 1.20 0.00	25.06 1.08 0.00	26.78 1.18 0.00	26.96 1.24 0.05	26.54 1.22 1.73	28.44 1.35 2.82	33.11 1.42 -0.08	42.91 2.05 -2.91	39.71 1.97 -0.58	36.86 1.86 -0.48	30.38 1.40 -3.48	26.57 1.31 -2.22	24.99 1.09 -2.60	22.04 1.02 -0.59
CRUCIBLE_METL_DRP 24180	21.39 0.15 0.00	19.15 0.15 0.00	18.51 0.13 0.00	16.33 0.08 -0.09	17.59 0.12 0.00	18.94 0.15 0.00	21.84 0.21 -0.28	22.20 0.23 -0.65	22.05 0.21 -0.52	24.54 0.27 0.00	23.79 0.24 0.00	24.32 0.34 0.00	25.91 0.31 0.00	26.05 0.28 0.00	27.40 0.35 0.00	30.19 0.27 0.00	31.93 0.32 0.00	38.34 0.38 0.00	37.43 0.26 0.00	34.79 0.28 0.00	25.94 0.18 -0.26	23.44 0.21 -0.19	21.69 0.17 -0.22	20.70 0.22 -0.05
DAHOWA___HYDRO 323763	22.51 1.27 0.00	20.12 1.12 0.00	19.42 1.05 0.00	18.29 0.90 -1.22	18.52 1.05 0.00	19.90 1.11 0.00	26.71 1.41 -3.96	31.93 1.45 -9.16	30.04 1.34 -7.38	25.93 1.55 -0.10	24.94 1.39 0.00	25.37 1.39 0.00	26.93 1.33 0.00	27.03 1.26 0.00	28.22 1.32 0.15	31.23 1.55 0.24	33.29 1.64 -0.04	41.91 2.32 -1.64	40.08 2.60 -0.31	37.26 2.49 -0.26	32.36 1.99 -4.87	27.39 1.68 -2.67	25.78 1.34 -3.14	22.36 1.23 -0.71
DANC___LFGE 323619	21.75 0.51 0.00	19.44 0.44 0.00	18.82 0.44 0.00	16.57 0.34 -0.07	17.87 0.40 0.00	19.24 0.45 0.00	22.15 0.60 -0.21	22.40 0.60 -0.49	22.27 0.55 -0.39	24.85 0.58 0.00	24.12 0.56 0.00	24.75 0.77 0.00	26.40 0.79 0.00	26.52 0.75 0.00	27.89 0.84 0.00	30.61 0.69 0.00	32.43 0.82 0.00	39.06 1.10 0.00	38.32 1.15 0.00	35.66 1.14 0.00	26.41 0.71 -0.20	23.92 0.74 -0.14	21.93 0.47 -0.17	20.89 0.43 -0.04
DANSKAMMER___1 23586	22.55 1.32 0.00	20.10 1.10 0.00	19.42 1.05 0.00	17.95 0.87 -0.92	18.36 0.89 0.00	19.71 0.92 0.00	25.53 1.22 -2.97	29.44 1.24 -6.88	28.13 1.28 -5.53	26.09 1.58 -0.24	25.04 1.48 0.00	25.35 1.37 0.00	27.11 1.51 0.00	27.34 1.57 0.00	28.71 1.57 -0.10	31.85 1.76 -0.16	33.49 1.86 -0.01	43.99 2.62 -3.42	39.81 2.53 -0.11	37.09 2.49 -0.09	30.40 1.76 -3.15	26.64 1.59 -2.01	24.98 1.32 -2.36	22.18 1.23 -0.54
DANSKAMMER___2 23589	22.55 1.32 0.00	20.10 1.10 0.00	19.42 1.05 0.00	17.95 0.87 -0.92	18.36 0.89 0.00	19.71 0.92 0.00	25.53 1.22 -2.97	29.44 1.24 -6.88	28.13 1.28 -5.53	26.09 1.58 -0.24	25.04 1.48 0.00	25.35 1.37 0.00	27.11 1.51 0.00	27.34 1.57 0.00	28.71 1.57 -0.10	31.85 1.76 -0.16	33.49 1.86 -0.01	43.99 2.62 -3.42	39.81 2.53 -0.11	37.09 2.49 -0.09	30.40 1.76 -3.15	26.64 1.59 -2.01	24.98 1.32 -2.36	22.18 1.23 -0.54
DANSKAMMER___3 23590	22.55 1.32 0.00	20.10 1.10 0.00	19.42 1.05 0.00	17.95 0.87 -0.92	18.36 0.89 0.00	19.71 0.92 0.00	25.53 1.22 -2.97	29.44 1.24 -6.88	28.13 1.28 -5.53	26.09 1.58 -0.24	25.04 1.48 0.00	25.35 1.37 0.00	27.11 1.51 0.00	27.34 1.57 0.00	28.71 1.57 -0.10	31.85 1.76 -0.16	33.49 1.86 -0.01	43.99 2.62 -3.42	39.81 2.53 -0.11	37.09 2.49 -0.09	30.40 1.76 -3.15	26.64 1.59 -2.01	24.98 1.32 -2.36	22.18 1.23 -0.54
DANSKAMMER___4 23591	22.55 1.32 0.00	20.10 1.10 0.00	19.42 1.05 0.00	17.95 0.87 -0.92	18.36 0.89 0.00	19.71 0.92 0.00	25.53 1.22 -2.97	29.44 1.24 -6.88	28.13 1.28 -5.53	26.09 1.58 -0.24	25.04 1.48 0.00	25.35 1.37 0.00	27.11 1.51 0.00	27.34 1.57 0.00	28.71 1.57 -0.10	31.85 1.76 -0.16	33.49 1.86 -0.01	43.99 2.62 -3.42	39.81 2.53 -0.11	37.09 2.49 -0.09	30.40 1.76 -3.15	26.64 1.59 -2.01	24.98 1.32 -2.36	22.18 1.23 -0.54
DANSKAMMER___DIESEL 23592	22.53 1.30 0.00	20.10 1.10 0.00	19.42 1.05 0.00	17.95 0.87 -0.92	18.36 0.89 0.00	19.71 0.92 0.00	25.53 1.22 -2.97	29.44 1.24 -6.88	28.13 1.28 -5.53	26.09 1.58 -0.24	25.04 1.48 0.00	25.35 1.37 0.00	27.16 1.56 0.00	27.37 1.60 0.00	28.74 1.60 -0.10	31.88 1.80 -0.16	33.52 1.90 -0.01	44.00 2.62 -3.42	39.81 2.53 -0.11	37.09 2.49 -0.09	30.40 1.76 -3.15	26.64 1.59 -2.01	24.98 1.32 -2.36	22.12 1.16 -0.54

DARBY___SOLAR 323810	22.42 1.19 0.00	20.05 1.04 0.00	19.37 0.99 0.00	18.24 0.86 -1.22	18.45 0.98 0.00	19.84 1.05 0.00	26.62 1.32 -3.95	31.83 1.37 -9.15	29.96 1.28 -7.37	25.86 1.48 -0.10	24.90 1.34 0.00	25.30 1.32 0.00	26.88 1.28 0.00	27.00 1.24 0.00	28.19 1.30 0.15	31.20 1.53 0.25	33.26 1.61 -0.04	41.85 2.24 -1.65	39.94 2.45 -0.31	37.09 2.31 -0.26	32.21 1.86 -4.85	27.30 1.59 -2.67	25.69 1.26 -3.13	22.30 1.16 -0.71
DASHVILLE___HYD 23610	22.21 0.98 0.00	19.82 0.82 0.00	19.17 0.79 0.00	17.79 0.65 -0.98	18.12 0.65 0.00	19.43 0.64 0.00	25.42 0.90 -3.18	29.55 0.87 -7.36	28.14 0.90 -5.92	25.54 1.12 -0.15	24.59 1.04 0.00	24.92 0.94 0.00	26.68 1.08 0.00	26.88 1.11 0.00	28.35 1.27 -0.03	31.43 1.47 -0.05	33.21 1.58 -0.02	42.22 2.16 -2.10	39.37 2.08 -0.12	36.69 2.07 -0.10	29.95 1.05 -3.41	26.38 1.20 -2.15	24.82 1.00 -2.52	21.87 0.88 -0.57
DEERFIELD_69_KV_DEERFIELD LD 355887	25.60 3.21 -1.16	21.66 2.66 0.00	20.88 2.50 0.00	19.17 2.08 -0.93	19.96 2.48 -0.01	21.53 2.72 -0.01	28.18 3.35 -3.48	31.70 3.41 -6.97	31.76 3.41 -7.03	31.21 4.17 -2.77	31.14 3.91 -3.68	31.16 3.86 -3.32	31.32 4.22 -1.49	31.30 4.30 -1.23	31.63 4.44 -0.14	35.02 4.88 -0.23	36.76 5.03 -0.13	50.59 6.23 -6.40	51.64 5.98 -8.48	48.67 5.63 -8.52	44.16 4.10 -14.56	33.50 3.87 -6.59	29.72 3.39 -5.04	26.40 3.15 -2.84
DELAWARE___LFGE 323621	21.96 0.72 0.00	19.65 0.65 0.00	19.02 0.64 0.00	17.12 0.52 -0.44	18.06 0.59 0.00	19.43 0.64 0.00	23.57 0.79 -1.44	25.49 0.83 -3.34	24.82 0.83 -2.67	25.29 1.04 0.02	24.52 0.97 0.00	25.01 1.03 0.00	26.73 1.13 0.00	26.90 1.13 0.00	28.24 1.19 0.00	31.21 1.29 0.00	32.99 1.39 0.01	39.39 1.78 0.35	38.81 1.71 0.07	36.09 1.62 0.06	28.18 1.17 -1.51	25.03 1.01 -0.97	23.21 0.77 -1.14	21.36 0.67 -0.26
DERFIELD_115KV_TB7 355931	21.26 0.02 0.00	19.02 0.02 0.00	18.40 0.02 0.00	16.18 0.02 0.00	17.49 0.02 0.00	18.81 0.02 0.00	21.38 0.04 0.00	21.34 0.02 0.00	21.36 0.04 0.00	24.32 0.05 0.00	23.58 0.02 0.00	24.00 0.02 0.00	25.65 0.05 0.00	25.82 0.05 0.00	27.10 0.05 0.00	29.95 0.03 0.00	31.64 0.03 0.00	38.03 0.08 0.00	37.25 0.07 0.00	34.59 0.07 0.00	25.52 0.03 0.00	23.06 0.02 0.00	21.32 0.02 0.00	20.42 0.00 0.00
DOGLEVILLE___HYD 23807	21.15 -0.08 0.00	18.93 -0.08 0.00	18.30 -0.07 0.00	16.10 -0.06 0.00	17.40 -0.07 0.00	18.70 -0.09 0.00	21.26 -0.09 0.00	21.21 -0.11 0.00	21.21 -0.11 0.00	24.18 -0.10 0.00	23.46 -0.09 0.00	23.93 -0.05 0.00	25.58 -0.03 0.00	25.74 -0.03 0.00	26.97 -0.08 0.00	29.77 -0.15 0.00	31.45 -0.16 0.00	37.73 -0.23 0.00	36.87 -0.30 0.00	34.21 -0.31 0.00	25.24 -0.25 0.00	22.85 -0.19 0.00	21.09 -0.21 0.00	20.20 -0.22 0.00
DUNKIRK___115KV_TB_200 55889	20.98 -0.25 0.00	18.91 -0.10 0.00	18.19 -0.18 0.00	15.80 -0.52 -0.16	17.33 -0.14 0.00	18.77 -0.02 0.00	21.26 -0.60 -0.52	20.42 -0.70 0.19	21.31 -0.77 -0.76	24.08 -0.19 0.00	23.79 0.24 0.00	24.60 0.62 0.00	26.01 0.41 0.00	26.10 0.33 0.00	27.56 0.51 0.00	30.31 0.39 0.00	31.99 0.38 0.00	37.96 0.00 0.00	36.80 -0.37 0.00	34.31 -0.21 0.00	25.23 -0.18 0.09	22.66 -0.32 0.05	21.24 -0.47 -0.41	20.05 -0.47 -0.09
DUNKIRK___1 23563	20.98 -0.25 0.00	18.91 -0.10 0.00	18.19 -0.18 0.00	15.80 -0.52 -0.16	17.33 -0.14 0.00	18.77 -0.02 0.00	21.26 -0.60 -0.52	20.42 -0.70 0.19	21.31 -0.77 -0.76	24.08 -0.19 0.00	23.79 0.24 0.00	24.60 0.62 0.00	26.01 0.41 0.00	26.10 0.33 0.00	27.56 0.51 0.00	30.31 0.39 0.00	31.99 0.38 0.00	37.96 0.00 0.00	36.80 -0.37 0.00	34.31 -0.21 0.00	25.23 -0.18 0.09	22.66 -0.32 0.05	21.24 -0.47 -0.41	20.05 -0.47 -0.09
DUNKIRK___2 23564	20.98 -0.25 0.00	18.91 -0.10 0.00	18.19 -0.18 0.00	15.80 -0.52 -0.16	17.33 -0.14 0.00	18.77 -0.02 0.00	21.26 -0.60 -0.52	20.42 -0.70 0.19	21.31 -0.77 -0.76	24.08 -0.19 0.00	23.79 0.24 0.00	24.60 0.62 0.00	26.01 0.41 0.00	26.10 0.33 0.00	27.56 0.51 0.00	30.31 0.39 0.00	31.99 0.38 0.00	37.96 0.00 0.00	36.80 -0.37 0.00	34.31 -0.21 0.00	25.23 -0.18 0.09	22.66 -0.32 0.05	21.24 -0.47 -0.41	20.05 -0.47 -0.09
DUNKIRK___3 23565	20.96 -0.28 0.00	18.91 -0.10 0.00	18.17 -0.20 0.00	15.76 -0.57 -0.16	17.31 -0.16 0.00	18.75 -0.04 0.00	21.22 -0.64 -0.52	20.33 -0.72 0.26	21.24 -0.83 -0.75	24.05 -0.22 0.00	23.72 0.16 0.00	24.53 0.55 0.00	25.93 0.33 0.00	26.03 0.26 0.00	27.48 0.43 0.00	30.22 0.30 0.00	31.89 0.28 0.00	37.88 -0.08 0.00	36.69 -0.48 0.00	34.24 -0.28 0.00	25.15 -0.23 0.12	22.57 -0.39 0.07	21.15 -0.55 -0.41	19.96 -0.55 -0.09
DUNKIRK___4 23566	20.96 -0.28 0.00	18.89 -0.11 0.00	18.17 -0.20 0.00	15.77 -0.55 -0.16	17.31 -0.16 0.00	18.75 -0.04 0.00	21.23 -0.62 -0.51	20.22 -0.72 0.38	21.23 -0.81 -0.72	24.03 -0.24 0.00	23.72 0.16 0.00	24.53 0.55 0.00	25.93 0.33 0.00	26.03 0.26 0.00	27.48 0.43 0.00	30.22 0.30 0.00	31.89 0.28 0.00	37.81 -0.15 0.00	36.69 -0.48 0.00	34.24 -0.28 0.00	25.07 -0.25 0.17	22.54 -0.39 0.11	21.17 -0.53 -0.40	20.00 -0.51 -0.09
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	22.60 1.36 0.00	20.16 1.16 0.00	19.48 1.10 0.00	18.01 0.92 -0.93	18.47 1.00 0.00	19.88 1.09 0.00	25.82 1.47 -3.00	29.79 1.51 -6.95	28.54 1.58 -5.64	26.43 1.92 -0.24	25.37 1.81 0.00	25.71 1.73 0.00	27.57 1.97 0.00	27.81 2.04 0.00	29.18 2.00 -0.13	32.31 2.18 -0.21	33.97 2.24 -0.11	44.82 3.04 -3.82	40.87 2.86 -0.83	37.94 2.73 -0.69	30.61 1.94 -3.17	26.84 1.77 -2.03	25.19 1.51 -2.38	22.27 1.31 -0.54
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	22.36 1.13 0.00	19.97 0.97 0.00	19.30 0.92 0.00	17.78 0.76 -0.86	18.24 0.77 0.00	19.62 0.83 0.00	25.24 1.11 -2.79	28.89 1.11 -6.46	27.64 1.15 -5.17	25.98 1.43 -0.28	24.90 1.34 0.00	25.25 1.27 0.00	27.04 1.43 0.00	27.24 1.47 0.00	28.60 1.46 -0.09	31.71 1.65 -0.14	33.31 1.74 0.04	44.04 2.39 -3.69	39.16 2.27 0.28	36.53 2.24 0.23	30.03 1.58 -2.95	26.35 1.43 -1.88	24.70 1.19 -2.21	21.97 1.04 -0.50
E179THST_138_KV_TB4_REV_LBMP_J 345001	22.68 1.44 0.00	20.22 1.22 0.00	19.53 1.16 0.00	18.04 0.95 -0.93	18.50 1.03 0.00	19.90 1.11 0.00	25.87 1.54 -2.99	29.86 1.60 -6.94	28.60 1.64 -5.64	26.56 2.01 -0.27	25.52 1.91 -0.06	25.86 1.82 -0.05	27.69 2.07 -0.02	27.93 2.14 -0.02	29.30 2.14 -0.12	32.43 2.30 -0.20	34.05 2.34 -0.10	44.78 3.00 -3.82	40.86 2.86 -0.83	38.01 2.80 -0.69	30.69 2.04 -3.16	26.89 1.84 -2.01	25.26 1.58 -2.38	22.31 1.35 -0.54
E179THST_13_KV_LOAD 356214	22.77 1.53 0.00	20.29 1.29 0.00	19.63 1.25 0.00	18.11 1.02 -0.93	18.55 1.08 0.00	19.96 1.17 0.00	25.95 1.62 -2.99	29.96 1.71 -6.94	28.70 1.75 -5.64	26.68 2.14 -0.27	25.64 2.03 -0.06	25.98 1.94 -0.05	27.85 2.23 -0.02	28.05 2.27 -0.02	29.47 2.30 -0.12	32.60 2.48 -0.20	34.20 2.50 -0.10	45.00 3.23 -3.82	41.09 3.09 -0.83	38.22 3.00 -0.69	30.80 2.14 -3.16	27.01 1.96 -2.01	25.34 1.66 -2.38	22.39 1.43 -0.54

EAST HAMPTON___GT 23717	25.88 3.48 -1.16	21.89 2.89 0.00	21.10 2.72 0.00	19.37 2.28 -0.93	20.29 2.81 -0.01	21.79 2.99 -0.01	28.48 3.65 -3.48	32.01 3.71 -6.98	32.06 3.71 -7.03	31.60 4.56 -2.77	31.50 4.26 -3.68	31.54 4.25 -3.32	31.70 4.61 -1.49	31.56 4.56 -1.23	32.01 4.81 -0.14	35.32 5.18 -0.23	37.25 5.50 -0.14	51.19 6.83 -6.40	52.23 6.58 -8.48	49.22 6.18 -8.52	44.51 4.46 -14.56	33.82 4.19 -6.59	30.06 3.73 -5.04	26.79 3.53 -2.84
EAST RIVER___6 23660	22.68 1.44 0.00	20.20 1.20 0.00	19.55 1.18 0.00	18.04 0.95 -0.93	18.50 1.03 0.00	19.86 1.07 0.00	25.88 1.54 -3.00	29.91 1.64 -6.95	28.65 1.68 -5.64	26.64 2.09 -0.28	25.62 2.00 -0.07	25.91 1.87 -0.06	27.75 2.12 -0.03	28.01 2.22 -0.03	29.39 2.22 -0.13	32.49 2.36 -0.21	34.16 2.43 -0.11	45.08 3.30 -3.82	41.13 3.12 -0.83	38.11 2.90 -0.69	30.71 2.04 -3.17	26.91 1.84 -2.03	25.23 1.55 -2.38	22.35 1.39 -0.54
EAST RIVER___7 23524	22.68 1.44 0.00	20.20 1.20 0.00	19.55 1.18 0.00	18.04 0.95 -0.93	18.50 1.03 0.00	19.86 1.07 0.00	25.88 1.54 -3.00	29.91 1.64 -6.95	28.65 1.68 -5.64	26.64 2.09 -0.28	25.62 2.00 -0.07	25.91 1.87 -0.06	27.75 2.12 -0.03	28.01 2.22 -0.03	29.39 2.22 -0.13	32.49 2.36 -0.21	34.16 2.43 -0.11	45.08 3.30 -3.82	41.13 3.12 -0.83	38.11 2.90 -0.69	30.71 2.04 -3.17	26.91 1.84 -2.03	25.23 1.55 -2.38	22.35 1.39 -0.54
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	22.55 1.32 0.00	20.12 1.12 0.00	19.44 1.07 0.00	17.97 0.89 -0.92	18.43 0.96 0.00	19.82 1.03 0.00	25.73 1.41 -2.98	29.67 1.45 -6.91	28.42 1.49 -5.61	26.33 1.82 -0.24	25.27 1.72 0.00	25.61 1.63 0.00	27.47 1.87 0.00	27.70 1.93 0.00	29.09 1.92 -0.13	32.22 2.09 -0.21	33.87 2.15 -0.11	44.73 2.88 -3.89	40.78 2.75 -0.85	37.85 2.62 -0.71	30.51 1.86 -3.15	26.76 1.70 -2.01	25.11 1.45 -2.36	22.21 1.25 -0.54
EAST_HAMPTON___DIESEL 23722	25.88 3.48 -1.16	21.91 2.91 0.00	21.10 2.72 0.00	19.38 2.29 -0.93	20.31 2.83 -0.01	21.79 2.99 -0.01	28.50 3.67 -3.48	32.03 3.73 -6.98	32.08 3.73 -7.03	31.60 4.56 -2.77	31.52 4.29 -3.68	31.54 4.25 -3.32	31.70 4.61 -1.49	31.58 4.59 -1.23	32.01 4.81 -0.14	35.32 5.18 -0.23	37.25 5.50 -0.14	51.23 6.87 -6.40	52.23 6.58 -8.48	49.22 6.18 -8.52	44.54 4.49 -14.56	33.82 4.19 -6.59	30.09 3.75 -5.04	26.79 3.53 -2.84
EAST_PULASKI___ESR 323781	21.68 0.45 0.00	19.40 0.40 0.00	18.76 0.39 0.00	16.54 0.31 -0.07	17.84 0.37 0.00	19.19 0.39 0.00	22.09 0.51 -0.24	22.42 0.55 -0.54	22.29 0.53 -0.44	24.88 0.61 0.00	24.12 0.57 0.00	24.75 0.77 0.00	26.37 0.77 0.00	26.49 0.72 0.00	27.86 0.81 0.00	30.46 0.54 0.00	32.24 0.63 0.00	38.79 0.84 0.00	37.95 0.78 0.00	35.31 0.79 0.00	26.25 0.54 -0.22	23.87 0.67 -0.16	21.95 0.47 -0.19	20.93 0.47 -0.04
EAST_RIVER___1 323558	22.70 1.46 0.00	20.22 1.22 0.00	19.55 1.18 0.00	18.04 0.95 -0.93	18.50 1.03 0.00	19.90 1.11 0.00	25.90 1.56 -3.00	29.91 1.64 -6.95	28.63 1.66 -5.64	26.62 2.06 -0.28	25.58 1.95 -0.07	25.89 1.85 -0.06	27.70 2.07 -0.03	27.98 2.19 -0.03	29.36 2.19 -0.13	32.46 2.34 -0.21	34.12 2.40 -0.11	45.00 3.22 -3.82	41.05 3.05 -0.83	38.08 2.86 -0.69	30.71 2.04 -3.17	26.93 1.87 -2.03	25.26 1.58 -2.38	22.37 1.41 -0.54
EAST_RIVER___2 323559	22.68 1.44 0.00	20.20 1.20 0.00	19.55 1.18 0.00	18.04 0.95 -0.93	18.50 1.03 0.00	19.86 1.07 0.00	25.88 1.54 -3.00	29.91 1.64 -6.95	28.65 1.68 -5.64	26.64 2.09 -0.28	25.62 2.00 -0.07	25.91 1.87 -0.06	27.75 2.12 -0.03	28.01 2.22 -0.03	29.39 2.22 -0.13	32.49 2.36 -0.21	34.16 2.43 -0.11	45.08 3.30 -3.82	41.13 3.12 -0.83	38.11 2.90 -0.69	30.71 2.04 -3.17	26.91 1.84 -2.03	25.23 1.55 -2.38	22.35 1.39 -0.54
EAST___DELAWARE_HYD 23607	22.15 0.91 0.00	19.74 0.74 0.00	19.08 0.70 0.00	17.52 0.57 -0.79	18.03 0.56 0.00	19.35 0.56 0.00	24.71 0.79 -2.58	28.09 0.81 -5.96	26.89 0.55 -5.02	25.11 0.75 -0.08	24.24 0.68 0.00	24.58 0.60 0.00	26.27 0.66 0.00	26.52 0.75 0.00	27.80 0.70 -0.05	30.81 0.81 -0.08	32.95 1.36 0.02	40.43 1.97 -0.50	38.86 1.86 0.17	36.28 1.90 0.14	29.53 1.30 -2.73	25.93 1.15 -1.74	24.28 0.94 -2.04	21.74 0.86 -0.46
EIGHT_POINT___WT_PWR 323820	21.47 0.23 0.00	19.29 0.29 0.00	18.60 0.22 0.00	16.20 -0.15 -0.19	17.66 0.19 0.00	19.15 0.36 0.00	22.00 0.04 -0.61	26.53 0.04 -5.17	22.98 -0.04 -1.70	24.83 0.56 0.00	24.33 0.78 0.00	25.13 1.15 0.00	26.75 1.15 0.00	26.80 1.03 0.00	28.21 1.16 0.00	31.12 1.20 0.00	32.88 1.27 0.00	39.29 1.33 0.00	38.10 0.93 0.00	35.45 0.93 0.00	28.33 0.46 -2.38	24.77 0.18 -1.55	21.64 -0.15 -0.49	20.86 0.33 -0.11
ELBRIDGE_115KV_TB2 80188	21.17 -0.06 0.00	18.96 -0.04 0.00	18.34 -0.04 0.00	16.18 -0.06 -0.09	17.42 -0.05 0.00	18.77 -0.02 0.00	21.59 -0.04 -0.29	21.96 -0.02 -0.66	21.83 -0.02 -0.53	24.22 -0.05 0.00	23.48 -0.07 0.00	23.96 -0.02 0.00	25.55 -0.05 0.00	25.69 -0.08 0.00	27.02 -0.03 0.00	29.80 -0.12 0.00	31.52 -0.09 0.00	37.84 -0.11 0.00	36.98 -0.19 0.00	34.38 -0.14 0.00	25.64 -0.13 -0.27	23.14 -0.09 -0.19	21.50 -0.02 -0.23	20.49 0.02 -0.05
ELEC_TRO_TEK 24086	24.11 1.72 -1.15	20.39 1.39 0.00	19.64 1.27 0.00	18.12 1.03 -0.93	18.73 1.26 0.00	20.14 1.35 0.00	26.61 1.79 -3.48	30.13 1.85 -6.96	30.21 1.88 -7.02	29.34 2.31 -2.76	29.35 2.12 -3.67	29.33 2.04 -3.31	29.39 2.30 -1.48	29.33 2.34 -1.22	29.53 2.35 -0.13	32.67 2.54 -0.21	34.41 2.69 -0.11	47.80 3.45 -6.39	48.87 3.27 -8.43	46.13 3.11 -8.51	39.28 2.24 -11.54	31.69 2.07 -6.57	28.18 1.85 -5.03	24.88 1.63 -2.83
ELLENBURG_WT_PWR 323604	20.54 -0.70 0.00	18.36 -0.65 0.00	17.72 -0.66 0.00	15.58 -0.58 0.00	16.81 -0.66 0.00	18.10 -0.69 0.00	20.47 -0.88 0.00	20.62 -0.70 0.00	20.64 -0.68 0.00	23.47 -0.80 0.00	23.15 -0.40 0.00	23.64 -0.34 0.00	25.17 -0.44 0.00	25.46 -0.31 0.00	26.86 -0.19 0.00	29.83 -0.09 0.00	31.39 -0.22 0.00	37.54 -0.42 0.00	36.65 -0.52 0.00	33.62 -0.90 0.00	24.68 -0.82 0.00	22.09 -0.95 0.00	20.32 -0.98 0.00	19.26 -1.16 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	20.77 -0.47 0.00	18.72 -0.29 0.00	18.03 -0.35 0.00	15.73 -0.58 -0.15	17.17 -0.30 0.00	18.58 -0.21 0.00	21.15 -0.68 -0.49	19.99 -0.85 0.48	21.08 -0.92 -0.68	23.71 -0.56 0.00	23.37 -0.19 0.00	24.12 0.14 0.00	25.50 -0.10 0.00	25.59 -0.18 0.00	26.99 -0.05 0.00	29.68 -0.24 0.00	31.26 -0.35 0.00	37.09 -0.87 0.00	36.02 -1.15 0.00	33.62 -0.90 0.00	24.64 -0.64 0.22	22.25 -0.65 0.14	21.05 -0.64 -0.39	19.94 -0.57 -0.09
EMPIRE_CC_1 323656	21.81 0.57 0.00	19.57 0.57 0.00	18.89 0.51 0.00	17.80 0.48 -1.15	18.03 0.56 0.00	19.35 0.56 0.00	25.76 0.68 -3.74	30.63 0.66 -8.65	28.95 0.66 -6.97	25.15 0.75 -0.12	24.17 0.61 0.00	24.51 0.53 0.00	26.16 0.56 0.00	26.33 0.57 0.01	27.41 0.59 0.23	30.30 0.75 0.37	32.42 0.76 -0.05	41.06 1.18 -1.92	38.73 1.19 -0.37	35.93 1.10 -0.31	30.46 0.89 -4.07	26.39 0.83 -2.52	24.88 0.62 -2.96	21.65 0.55 -0.67

EMPIRE_CC_2 323658	21.81 0.57 0.00	19.57 0.57 0.00	18.89 0.51 0.00	17.80 0.48 -1.15	18.03 0.56 0.00	19.35 0.56 0.00	25.76 0.68 -3.74	30.63 0.66 -8.65	28.95 0.66 -6.97	25.15 0.75 -0.12	24.17 0.61 0.00	24.51 0.53 0.00	26.16 0.56 0.00	26.33 0.57 0.01	27.41 0.59 0.23	30.30 0.75 0.37	32.42 0.76 -0.05	41.06 1.18 -1.92	38.73 1.19 -0.37	35.93 1.10 -0.31	30.46 0.89 -4.07	26.39 0.83 -2.52	24.88 0.62 -2.96	21.65 0.55 -0.67
ENORWICH_115KV_TB1 80156	22.57 1.34 0.00	20.18 1.18 0.00	19.55 1.18 0.00	17.35 0.89 -0.30	18.57 1.10 0.00	20.03 1.24 0.00	23.83 1.52 -0.98	25.43 1.66 -2.44	24.74 1.58 -1.84	26.14 1.87 0.00	25.25 1.70 0.00	26.09 2.11 0.00	27.78 2.18 0.00	27.96 2.19 0.00	29.43 2.38 0.00	32.61 2.69 0.00	34.68 3.07 0.00	41.79 3.83 0.00	40.89 3.72 0.00	38.01 3.49 0.00	28.95 2.35 -1.10	25.67 1.91 -0.72	23.35 1.28 -0.77	21.70 1.10 -0.18
ERIE_ST__34_KV_TB1-2 80199	21.22 -0.02 0.00	19.12 0.11 0.00	18.40 0.02 0.00	15.61 -0.71 -0.16	17.50 0.03 0.00	19.00 0.21 0.00	20.99 -0.85 -0.50	20.11 -0.98 0.23	21.03 -1.02 -0.74	24.25 -0.02 0.00	23.91 0.35 0.00	24.72 0.74 0.00	26.14 0.54 0.00	26.23 0.46 0.00	27.70 0.65 0.00	30.43 0.51 0.00	32.12 0.51 0.00	38.07 0.11 0.00	36.91 -0.26 0.00	34.48 -0.03 0.00	25.35 -0.05 0.10	22.54 -0.44 0.06	20.93 -0.77 -0.40	19.74 -0.78 -0.09
ERIE_WT_PWR 323693	20.98 -0.25 0.00	18.91 -0.09 0.00	18.21 -0.17 0.00	15.77 -0.55 -0.15	17.28 -0.19 0.00	18.77 -0.02 0.00	21.22 -0.62 -0.50	20.14 -0.81 0.37	21.15 -0.88 -0.71	23.96 -0.32 0.00	23.60 0.05 0.00	24.39 0.41 0.00	26.01 0.41 0.00	25.97 0.21 0.00	27.34 0.30 0.00	30.13 0.21 0.00	31.71 0.10 0.00	37.58 -0.38 0.00	36.50 -0.67 0.00	34.07 -0.45 0.00	24.92 -0.41 0.17	22.43 -0.51 0.11	21.08 -0.62 -0.40	20.53 0.02 -0.09
ESPRGFLD_115KV_TB1 80157	22.17 0.93 0.00	19.82 0.82 0.00	19.20 0.83 0.00	17.27 0.66 -0.45	18.24 0.77 0.00	19.62 0.83 0.00	23.85 1.05 -1.46	25.82 1.13 -3.38	25.15 1.13 -2.70	25.63 1.38 0.02	24.85 1.30 0.00	25.42 1.44 0.00	27.14 1.54 0.00	27.31 1.55 0.00	28.64 1.60 0.00	31.66 1.74 0.00	33.47 1.87 0.01	40.00 2.39 0.35	39.45 2.34 0.07	36.71 2.24 0.06	28.60 1.58 -1.52	25.38 1.36 -0.98	23.46 1.00 -1.16	21.54 0.86 -0.26
ETNA_115_KV_TB1_REV_LBMP_C 345029	21.77 0.53 0.00	19.50 0.49 0.00	18.85 0.48 0.00	16.69 0.32 -0.21	17.91 0.44 0.00	19.30 0.51 0.00	22.62 0.60 -0.68	23.86 0.66 -1.88	23.22 0.60 -1.30	25.07 0.80 0.00	24.29 0.73 0.00	24.87 0.89 0.00	26.50 0.90 0.00	26.62 0.85 0.00	28.02 0.97 0.00	30.97 1.05 0.00	32.84 1.23 0.00	39.48 1.52 0.00	38.55 1.38 0.00	35.87 1.35 0.00	27.27 0.92 -0.85	24.35 0.76 -0.55	22.37 0.53 -0.54	21.05 0.51 -0.12
ETNA_____115KV_TB2 80207	21.77 0.53 0.00	19.50 0.49 0.00	18.85 0.48 0.00	16.69 0.32 -0.21	17.91 0.44 0.00	19.30 0.51 0.00	22.62 0.60 -0.68	23.86 0.66 -1.88	23.22 0.60 -1.30	25.07 0.80 0.00	24.29 0.73 0.00	24.87 0.89 0.00	26.50 0.90 0.00	26.62 0.85 0.00	28.02 0.97 0.00	30.97 1.05 0.00	32.84 1.23 0.00	39.48 1.52 0.00	38.55 1.38 0.00	35.87 1.35 0.00	27.27 0.92 -0.85	24.35 0.76 -0.55	22.37 0.53 -0.54	21.05 0.51 -0.12
EUCLID___115KV_TB2 356179	21.13 -0.11 0.00	18.91 -0.10 0.00	18.29 -0.09 0.00	16.14 -0.10 -0.08	17.38 -0.09 0.00	18.72 -0.08 0.00	21.53 -0.06 -0.26	21.85 -0.06 -0.59	21.71 -0.09 -0.48	24.15 -0.12 0.00	23.44 -0.12 0.00	23.91 -0.07 0.00	25.50 -0.10 0.00	25.64 -0.13 0.00	26.91 -0.14 0.00	29.71 -0.21 0.00	31.42 -0.19 0.00	37.69 -0.27 0.00	36.84 -0.33 0.00	34.24 -0.28 0.00	25.56 -0.18 -0.24	23.07 -0.14 -0.17	21.42 -0.09 -0.20	20.43 -0.04 -0.05
E_CANADA_CAP_HY 24051	23.51 2.27 0.00	21.07 2.07 0.00	20.36 1.99 0.00	19.08 1.68 -1.24	19.39 1.92 0.00	20.88 2.09 0.00	27.97 2.62 -4.00	33.31 2.73 -9.27	31.27 2.49 -7.46	27.21 2.84 -0.10	26.12 2.57 0.00	26.57 2.59 0.00	28.29 2.69 0.00	28.34 2.58 0.00	29.67 2.73 0.11	32.97 3.23 0.18	35.25 3.60 -0.04	44.36 4.82 -1.58	42.49 5.02 -0.30	39.53 4.77 -0.25	34.16 3.65 -5.02	28.76 3.02 -2.70	26.88 2.41 -3.17	23.37 2.23 -0.72
E_CANADA_MHWK_HY 24050	21.15 -0.08 0.00	18.93 -0.08 0.00	18.30 -0.07 0.00	16.10 -0.06 0.00	17.40 -0.07 0.00	18.70 -0.09 0.00	21.26 -0.09 0.00	21.21 -0.11 0.00	21.21 -0.11 0.00	24.18 -0.10 0.00	23.46 -0.09 0.00	23.93 -0.05 0.00	25.58 -0.03 0.00	25.74 -0.03 0.00	26.97 -0.08 0.00	29.77 -0.15 0.00	31.45 -0.16 0.00	37.73 -0.23 0.00	36.87 -0.30 0.00	34.21 -0.31 0.00	25.24 -0.25 0.00	22.85 -0.19 0.00	21.09 -0.21 0.00	20.20 -0.22 0.00
E_FISHKILL___LBMP 23776	22.38 1.15 0.00	20.01 1.01 0.00	19.33 0.96 0.00	17.96 0.81 -0.99	18.34 0.87 0.00	19.73 0.94 0.00	25.80 1.26 -3.20	30.00 1.28 -7.40	28.63 1.32 -5.99	26.07 1.60 -0.20	25.04 1.48 0.00	25.37 1.39 0.00	27.19 1.59 0.00	27.40 1.62 0.00	28.81 1.62 -0.14	31.92 1.77 -0.23	33.53 1.83 -0.08	43.61 2.51 -3.15	40.17 2.38 -0.62	37.32 2.28 -0.52	30.53 1.66 -3.38	26.72 1.52 -2.16	25.11 1.28 -2.54	22.10 1.10 -0.58
FALCON___SEABRD_CC1 323796	20.68 -0.55 0.00	18.47 -0.53 0.00	17.83 -0.55 0.00	15.69 -0.47 0.00	16.93 -0.54 0.00	18.23 -0.56 0.00	20.62 -0.73 0.00	20.94 -0.38 0.00	20.79 -0.53 0.00	23.64 -0.63 0.00	23.37 -0.19 0.00	23.86 -0.12 0.00	25.37 -0.23 0.00	25.67 -0.10 0.00	27.32 0.27 0.00	30.43 0.51 0.00	31.67 0.06 0.00	37.88 -0.08 0.00	36.95 -0.22 0.00	33.90 -0.62 0.00	24.88 -0.61 0.00	22.23 -0.81 0.00	20.45 -0.85 0.00	19.36 -1.06 0.00
FALCON___SEABRD_CC2 323797	20.68 -0.55 0.00	18.47 -0.53 0.00	17.83 -0.55 0.00	15.69 -0.47 0.00	16.93 -0.54 0.00	18.23 -0.56 0.00	20.62 -0.73 0.00	20.94 -0.38 0.00	20.79 -0.53 0.00	23.64 -0.63 0.00	23.37 -0.19 0.00	23.86 -0.12 0.00	25.37 -0.23 0.00	25.67 -0.10 0.00	27.32 0.27 0.00	30.43 0.51 0.00	31.67 0.06 0.00	37.88 -0.08 0.00	36.95 -0.22 0.00	33.90 -0.62 0.00	24.88 -0.61 0.00	22.23 -0.81 0.00	20.45 -0.85 0.00	19.36 -1.06 0.00
FAR ROCKAWAY___4 23548	24.42 2.04 -1.15	20.65 1.65 0.00	19.87 1.49 0.00	18.30 1.21 -0.93	18.95 1.48 0.00	20.37 1.58 0.00	26.93 2.11 -3.47	30.43 2.15 -6.96	30.53 2.20 -7.02	29.65 2.62 -2.76	29.70 2.47 -3.67	29.71 2.42 -3.31	29.77 2.69 -1.48	29.72 2.73 -1.22	29.93 2.76 -0.13	33.12 2.99 -0.21	34.91 3.19 -0.11	48.45 4.10 -6.39	49.54 3.94 -8.43	46.79 3.76 -8.51	39.74 2.70 -11.54	32.05 2.44 -6.57	28.50 2.17 -5.03	25.17 1.92 -2.83
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	22.70 1.47 0.00	20.24 1.24 0.00	19.57 1.19 0.00	18.06 0.97 -0.93	18.50 1.03 0.00	19.90 1.11 0.00	25.90 1.56 -3.00	29.91 1.64 -6.95	28.65 1.68 -5.64	26.62 2.06 -0.28	25.58 1.96 -0.07	25.89 1.85 -0.06	27.75 2.12 -0.03	27.98 2.19 -0.03	29.39 2.22 -0.13	32.49 2.36 -0.21	34.12 2.40 -0.11	45.00 3.23 -3.82	41.05 3.05 -0.83	38.08 2.87 -0.69	30.74 2.07 -3.17	26.96 1.89 -2.03	25.28 1.60 -2.38	22.31 1.35 -0.54

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	22.70 1.47 0.00	20.24 1.24 0.00	19.57 1.19 0.00	18.06 0.97 -0.93	18.50 1.03 0.00	19.90 1.11 0.00	25.90 1.56 -3.00	29.91 1.64 -6.95	28.65 1.68 -5.64	26.62 2.06 -0.28	25.58 1.96 -0.07	25.91 1.87 -0.06	27.75 2.12 -0.03	28.01 2.22 -0.03	29.39 2.22 -0.13	32.49 2.36 -0.21	34.12 2.40 -0.11	45.00 3.23 -3.82	41.05 3.05 -0.83	38.11 2.90 -0.69	30.74 2.07 -3.17	26.96 1.89 -2.03	25.28 1.60 -2.38	22.31 1.35 -0.54
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	22.68 1.44 0.00	20.22 1.22 0.00	19.55 1.18 0.00	18.04 0.95 -0.93	18.48 1.01 0.00	19.90 1.11 0.00	25.90 1.56 -3.00	29.89 1.62 -6.95	28.65 1.68 -5.64	26.59 2.04 -0.28	25.55 1.93 -0.07	25.89 1.85 -0.06	27.75 2.12 -0.03	27.98 2.19 -0.03	29.37 2.19 -0.13	32.49 2.36 -0.21	34.09 2.37 -0.11	44.97 3.19 -3.82	41.01 3.01 -0.83	38.08 2.87 -0.69	30.71 2.04 -3.17	26.93 1.87 -2.03	25.26 1.58 -2.38	22.29 1.33 -0.54
FARRAGUT___LBMP 323566	22.66 1.42 0.00	20.20 1.20 0.00	19.53 1.16 0.00	18.04 0.95 -0.93	18.48 1.01 0.00	19.88 1.09 0.00	25.88 1.54 -3.00	29.89 1.62 -6.95	28.63 1.66 -5.64	26.57 2.01 -0.28	25.55 1.93 -0.07	25.86 1.82 -0.06	27.73 2.10 -0.03	27.96 2.16 -0.03	29.34 2.16 -0.13	32.46 2.33 -0.21	34.06 2.34 -0.11	44.93 3.15 -3.82	40.98 2.97 -0.83	38.04 2.83 -0.69	30.68 2.01 -3.17	26.91 1.84 -2.03	25.26 1.58 -2.38	22.29 1.33 -0.54
FENNER___WINDPWR 24204	21.66 0.42 0.00	19.38 0.38 0.00	18.74 0.37 0.00	16.55 0.27 -0.11	17.82 0.35 0.00	19.19 0.40 0.00	22.20 0.49 -0.37	22.69 0.51 -0.86	22.50 0.49 -0.69	24.85 0.58 0.00	24.10 0.54 0.00	24.65 0.67 0.00	26.32 0.72 0.00	26.46 0.70 0.00	27.80 0.76 0.00	30.70 0.78 0.00	32.49 0.88 0.00	39.02 1.06 0.00	38.17 1.00 0.00	35.48 0.97 0.00	26.51 0.64 -0.38	23.82 0.53 -0.25	21.95 0.36 -0.29	20.88 0.39 -0.07
FIBERTEK___ENERGY 23856	21.39 0.15 0.00	19.15 0.15 0.00	18.51 0.13 0.00	16.33 0.08 -0.09	17.59 0.12 0.00	18.94 0.15 0.00	21.84 0.21 -0.28	22.20 0.23 -0.65	22.05 0.21 -0.52	24.54 0.27 0.00	23.79 0.24 0.00	24.32 0.34 0.00	25.91 0.31 0.00	26.05 0.28 0.00	27.40 0.35 0.00	30.19 0.27 0.00	31.93 0.32 0.00	38.34 0.38 0.00	37.43 0.26 0.00	34.79 0.28 0.00	25.94 0.18 -0.26	23.44 0.21 -0.19	21.69 0.17 -0.22	20.70 0.22 -0.05
FITZPATRICK____ 23598	20.77 -0.47 0.00	18.58 -0.42 0.00	17.97 -0.40 0.00	15.86 -0.36 -0.05	17.09 -0.38 0.00	18.40 -0.40 0.00	21.06 -0.45 -0.17	21.24 -0.47 -0.39	21.14 -0.49 -0.31	23.67 -0.61 0.00	22.97 -0.59 0.00	23.38 -0.60 0.00	24.96 -0.64 0.00	25.10 -0.67 0.00	26.34 -0.70 0.00	29.11 -0.81 0.00	30.76 -0.85 0.00	36.94 -1.02 0.00	36.09 -1.08 0.00	33.55 -0.97 0.00	24.94 -0.71 -0.16	22.55 -0.60 -0.11	20.96 -0.47 -0.13	20.04 -0.41 -0.03
FLOWRFLD_69_KV_BK1 356044	24.96 2.57 -1.16	21.09 2.09 0.00	20.29 1.91 0.00	18.70 1.62 -0.93	19.45 1.97 -0.01	20.92 2.12 -0.01	27.56 2.73 -3.48	31.08 2.79 -6.97	31.16 2.81 -7.03	30.44 3.40 -2.76	30.34 3.11 -3.68	30.34 3.05 -3.32	30.47 3.38 -1.49	30.45 3.45 -1.23	30.66 3.46 -0.15	33.95 3.80 -0.23	35.76 4.01 -0.14	49.38 5.01 -6.41	50.44 4.76 -8.51	47.50 4.45 -8.53	44.53 3.24 -15.79	32.68 3.04 -6.60	29.09 2.75 -5.04	25.75 2.49 -2.83
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	22.57 1.34 0.00	20.14 1.14 0.00	19.44 1.07 0.00	17.98 0.89 -0.93	18.38 0.91 0.00	19.73 0.94 0.00	25.58 1.24 -3.00	29.53 1.26 -6.95	28.21 1.30 -5.59	26.11 1.60 -0.23	25.06 1.51 0.00	25.37 1.39 0.00	27.19 1.59 0.00	27.39 1.62 0.00	28.74 1.60 -0.10	31.91 1.83 -0.17	33.56 1.93 -0.02	44.03 2.70 -3.38	39.94 2.60 -0.17	37.22 2.55 -0.14	30.48 1.81 -3.18	26.70 1.64 -2.03	25.04 1.36 -2.38	22.17 1.20 -0.54
FORT ORANGE____ 23900	21.85 0.62 0.00	19.55 0.55 0.00	18.91 0.53 0.00	17.86 0.52 -1.19	18.03 0.56 0.00	19.35 0.56 0.00	25.87 0.68 -3.84	30.89 0.68 -8.89	29.12 0.64 -7.16	25.13 0.75 -0.11	24.19 0.64 0.00	24.55 0.57 0.00	26.22 0.61 0.00	26.38 0.62 0.00	27.60 0.68 0.12	30.53 0.81 0.20	32.57 0.92 -0.04	41.03 1.36 -1.71	38.89 1.41 -0.31	36.09 1.31 -0.26	30.87 0.99 -4.38	26.53 0.90 -2.59	25.00 0.66 -3.04	21.71 0.59 -0.69
FORT_DRUM_COGEN 23780	21.98 0.74 0.00	19.63 0.63 0.00	19.02 0.64 0.00	16.73 0.52 -0.06	18.08 0.61 0.00	19.49 0.70 0.00	22.38 0.85 -0.18	22.59 0.85 -0.42	22.45 0.79 -0.34	25.10 0.83 0.00	24.31 0.75 0.00	25.01 1.03 0.00	26.63 1.02 0.00	26.77 1.00 0.00	28.16 1.11 0.00	30.97 1.05 0.00	32.87 1.26 0.00	39.70 1.75 0.00	39.03 1.86 0.00	36.31 1.79 0.00	26.79 1.12 -0.17	24.20 1.04 -0.12	22.10 0.66 -0.14	21.01 0.55 -0.03
FPL_FAR_ROCK_GT1 24212	24.42 2.04 -1.15	20.65 1.65 0.00	19.86 1.49 0.00	18.30 1.21 -0.93	18.99 1.52 0.00	20.37 1.58 0.00	26.93 2.11 -3.47	30.44 2.15 -6.97	30.51 2.18 -7.02	29.68 2.65 -2.76	29.70 2.47 -3.67	29.71 2.42 -3.31	29.72 2.64 -1.48	29.69 2.71 -1.22	29.85 2.68 -0.13	33.03 2.90 -0.21	34.92 3.19 -0.12	48.45 4.10 -6.39	49.54 3.94 -8.43	46.75 3.73 -8.51	39.74 2.70 -11.54	32.05 2.44 -6.57	28.50 2.17 -5.03	25.25 2.00 -2.83
FPL_FAR_ROCK_GT2 23815	24.42 2.04 -1.15	20.65 1.65 0.00	19.86 1.49 0.00	18.30 1.21 -0.93	18.99 1.52 0.00	20.37 1.58 0.00	26.93 2.11 -3.47	30.44 2.15 -6.97	30.51 2.18 -7.02	29.68 2.65 -2.76	29.70 2.47 -3.67	29.71 2.42 -3.31	29.72 2.64 -1.48	29.69 2.71 -1.22	29.85 2.68 -0.13	33.03 2.90 -0.21	34.92 3.19 -0.12	48.45 4.10 -6.39	49.54 3.94 -8.43	46.75 3.73 -8.51	39.74 2.70 -11.54	32.05 2.44 -6.57	28.50 2.17 -5.03	25.25 2.00 -2.83
FRANKLIN_FALL_HYD 24054	20.71 -0.53 0.00	18.51 -0.49 0.00	17.86 -0.51 0.00	15.74 -0.42 0.00	16.98 -0.49 0.00	18.30 -0.49 0.00	20.70 -0.64 0.00	20.74 -0.58 0.00	20.81 -0.51 0.00	23.67 -0.61 0.00	23.32 -0.24 0.00	23.81 -0.17 0.00	25.35 -0.26 0.00	25.61 -0.15 0.00	26.94 -0.11 0.00	29.98 0.06 0.00	31.64 0.03 0.00	37.81 -0.15 0.00	36.84 -0.33 0.00	33.86 -0.66 0.00	24.88 -0.61 0.00	22.32 -0.71 0.00	20.51 -0.79 0.00	19.52 -0.90 0.00
FREEPORT_EQUS_GT1 23764	24.36 1.98 -1.15	20.58 1.58 0.00	19.79 1.42 0.00	18.25 1.16 -0.93	18.94 1.47 0.00	20.33 1.54 0.00	26.78 1.96 -3.48	30.32 2.03 -6.97	30.39 2.05 -7.02	29.53 2.50 -2.76	29.54 2.31 -3.67	29.52 2.23 -3.31	29.57 2.48 -1.49	29.52 2.53 -1.22	29.66 2.49 -0.13	32.79 2.66 -0.21	34.67 2.94 -0.12	48.14 3.80 -6.39	49.25 3.64 -8.43	46.44 3.42 -8.51	39.51 2.47 -11.54	31.99 2.37 -6.57	28.44 2.11 -5.03	25.19 1.94 -2.83
FREEPORT___CT2 23818	24.36 1.98 -1.15	20.58 1.58 0.00	19.79 1.42 0.00	18.25 1.16 -0.93	18.94 1.47 0.00	20.33 1.54 0.00	26.78 1.96 -3.48	30.32 2.03 -6.97	30.39 2.05 -7.02	29.53 2.50 -2.76	29.54 2.31 -3.67	29.52 2.23 -3.31	29.57 2.48 -1.49	29.52 2.53 -1.22	29.66 2.49 -0.13	32.79 2.66 -0.21	34.67 2.94 -0.12	48.14 3.80 -6.39	49.25 3.64 -8.43	46.44 3.42 -8.51	39.51 2.47 -11.54	31.99 2.37 -6.57	28.44 2.11 -5.03	25.19 1.94 -2.83



FRESHKLS_33_KV_LOAD 356253	22.77 1.53 0.00	20.33 1.33 0.00	19.61 1.23 0.00	18.17 1.08 -0.93	18.66 1.19 0.00	20.03 1.24 0.00	25.90 1.56 -3.00	29.87 1.60 -6.95	28.62 1.66 -5.64	26.59 2.04 -0.27	25.59 1.98 -0.06	25.90 1.87 -0.05	27.77 2.15 -0.02	28.00 2.22 -0.02	29.41 2.24 -0.12	32.57 2.45 -0.20	33.11 2.53 1.02	39.87 3.30 1.39	32.78 3.09 7.48	31.32 3.04 6.24	30.74 2.09 -3.16	26.93 1.87 -2.03	25.36 1.68 -2.38	22.46 1.49 -0.54
FULTON COGEN____ 23766	21.60 0.36 0.00	19.32 0.32 0.00	18.69 0.31 0.00	16.47 0.23 -0.08	17.75 0.28 0.00	19.11 0.32 0.00	22.04 0.45 -0.25	22.39 0.49 -0.58	22.26 0.47 -0.47	24.83 0.56 0.00	24.10 0.54 0.00	24.68 0.70 0.00	26.29 0.69 0.00	26.41 0.64 0.00	27.78 0.73 0.00	30.43 0.51 0.00	32.24 0.63 0.00	38.68 0.72 0.00	37.80 0.63 0.00	35.14 0.62 0.00	26.16 0.43 -0.23	23.74 0.53 -0.17	21.90 0.40 -0.20	20.90 0.43 -0.05
FULTON____LFGE 323630	23.68 2.44 0.00	21.19 2.18 0.00	20.49 2.11 0.00	19.17 1.78 -1.24	19.53 2.06 0.00	21.03 2.24 0.00	28.21 2.86 -4.00	33.57 2.98 -9.27	31.49 2.71 -7.46	27.48 3.11 -0.10	26.31 2.75 0.00	26.78 2.80 0.00	28.54 2.94 0.00	28.63 2.86 0.00	29.99 3.06 0.11	33.33 3.59 0.18	35.73 4.08 -0.04	44.85 5.31 -1.58	42.97 5.50 -0.30	39.98 5.21 -0.25	34.52 4.00 -5.02	29.04 3.29 -2.70	27.05 2.58 -3.17	23.53 2.39 -0.72
G.F.CEMENT____DRP 24184	22.60 1.36 0.00	20.18 1.18 0.00	19.50 1.12 0.00	18.34 0.95 -1.22	18.57 1.10 0.00	19.97 1.18 0.00	26.81 1.49 -3.97	32.08 1.58 -9.19	30.19 1.47 -7.40	26.10 1.72 -0.10	25.13 1.58 0.00	25.59 1.61 0.00	27.09 1.48 0.00	27.13 1.37 0.00	28.34 1.43 0.14	31.40 1.71 0.23	33.39 1.74 -0.04	41.98 2.39 -1.63	40.27 2.79 -0.31	37.43 2.66 -0.26	32.57 2.17 -4.91	27.54 1.82 -2.68	25.87 1.43 -3.15	22.81 1.67 -0.72
GARDENVILLE____LBMP 24039	20.85 -0.38 0.00	18.79 -0.21 0.00	18.08 -0.29 0.00	15.73 -0.58 -0.15	17.23 -0.24 0.00	18.66 -0.13 0.00	21.14 -0.70 -0.50	19.88 -0.85 0.59	21.08 -0.92 -0.68	23.81 -0.46 0.00	23.48 -0.07 0.00	24.24 0.26 0.00	25.63 0.03 0.00	25.72 -0.05 0.00	27.13 0.08 0.00	29.86 -0.06 0.00	31.45 -0.16 0.00	37.31 -0.65 0.00	36.24 -0.93 0.00	33.83 -0.69 0.00	24.72 -0.51 0.27	22.29 -0.58 0.17	21.05 -0.64 -0.40	19.92 -0.59 -0.09
GARDNVLA_35_KV_LD 355827	21.00 -0.23 0.00	18.93 -0.08 0.00	18.21 -0.17 0.00	15.78 -0.53 -0.15	17.35 -0.12 0.00	18.79 0.00 0.00	21.22 0.00 -0.50	20.24 -0.79 0.29	21.21 -0.83 -0.72	23.98 -0.29 0.00	23.65 0.09 0.00	24.44 0.46 0.00	25.83 0.23 0.00	25.90 0.13 0.00	27.34 0.30 0.00	30.07 0.15 0.00	31.67 0.06 0.00	37.54 -0.42 0.00	36.43 -0.74 0.00	34.00 -0.52 0.00	25.01 -0.36 0.13	22.50 -0.46 0.08	21.14 -0.55 -0.40	20.00 -0.51 -0.09
GELCKHM__115KV_LOAD 80723	21.22 -0.02 0.00	19.00 0.00 0.00	18.36 -0.02 0.00	16.21 -0.03 -0.08	17.45 -0.02 0.00	18.79 0.00 0.00	21.65 0.04 -0.26	21.97 0.04 -0.61	21.85 0.04 -0.49	24.30 0.02 0.00	23.58 0.02 0.00	24.08 0.10 0.00	25.65 0.05 0.00	25.79 0.03 0.00	27.10 0.05 0.00	29.89 -0.03 0.00	31.61 0.00 0.00	37.96 0.00 0.00	37.10 -0.07 0.00	34.45 -0.07 0.00	25.69 -0.05 -0.25	23.22 0.00 -0.18	21.53 0.02 -0.21	20.53 0.06 -0.05
GENERAL____MILLS 23808	20.96 -0.28 0.00	18.89 -0.11 0.00	18.17 -0.20 0.00	15.75 -0.57 -0.15	17.31 -0.16 0.00	18.75 -0.04 0.00	21.18 -0.66 -0.50	20.11 -0.83 0.37	21.15 -0.87 -0.71	23.93 -0.34 0.00	23.60 0.05 0.00	24.36 0.38 0.00	25.76 0.15 0.00	25.85 0.08 0.00	27.29 0.24 0.00	29.98 0.06 0.00	31.61 0.00 0.00	37.47 -0.49 0.00	36.39 -0.78 0.00	33.97 -0.55 0.00	24.92 -0.41 0.17	22.43 -0.51 0.11	21.10 -0.60 -0.40	19.96 -0.55 -0.09
GE_PLASTICS____DRP 24183	21.81 0.57 0.00	19.53 0.53 0.00	18.91 0.53 0.00	17.83 0.48 -1.19	17.99 0.52 0.00	19.32 0.53 0.00	25.84 0.64 -3.85	30.90 0.66 -8.92	29.14 0.64 -7.18	25.16 0.78 -0.11	24.21 0.66 0.00	24.58 0.60 0.00	26.29 0.69 0.00	26.46 0.70 0.00	27.65 0.70 0.10	30.60 0.84 0.16	32.57 0.92 -0.04	40.92 1.29 -1.67	38.78 1.30 -0.31	36.02 1.24 -0.26	30.76 0.94 -4.32	26.47 0.83 -2.60	24.99 0.64 -3.05	21.67 0.55 -0.70
GILBOA____1 23756	21.90 0.66 0.00	19.57 0.57 0.00	18.98 0.61 0.00	17.61 0.52 -0.93	18.06 0.59 0.00	19.34 0.55 0.00	25.05 0.70 -3.01	29.00 0.73 -6.96	27.65 0.73 -5.60	25.24 0.90 -0.07	24.36 0.80 0.00	24.75 0.77 0.00	26.45 0.84 0.00	26.62 0.85 0.00	27.91 0.87 0.00	30.91 0.99 0.00	32.68 1.04 -0.03	40.36 1.36 -1.04	38.67 1.30 -0.20	35.92 1.24 -0.16	29.63 0.99 -3.14	25.94 0.88 -2.03	24.38 0.70 -2.38	21.64 0.67 -0.54
GILBOA____2 23757	21.90 0.66 0.00	19.57 0.57 0.00	18.98 0.61 0.00	17.61 0.52 -0.93	18.06 0.59 0.00	19.34 0.55 0.00	25.05 0.70 -3.01	29.00 0.73 -6.96	27.65 0.73 -5.60	25.24 0.90 -0.07	24.36 0.80 0.00	24.75 0.77 0.00	26.45 0.84 0.00	26.62 0.85 0.00	27.91 0.87 0.00	30.91 0.99 0.00	32.68 1.04 -0.03	40.36 1.36 -1.04	38.67 1.30 -0.20	35.92 1.24 -0.16	29.63 0.99 -3.14	25.94 0.88 -2.03	24.38 0.70 -2.38	21.64 0.67 -0.54
GILBOA____3 23758	21.90 0.66 0.00	19.57 0.57 0.00	18.98 0.61 0.00	17.61 0.52 -0.93	18.06 0.59 0.00	19.34 0.55 0.00	25.05 0.70 -3.01	29.00 0.73 -6.96	27.65 0.73 -5.60	25.24 0.90 -0.07	24.36 0.80 0.00	24.75 0.77 0.00	26.45 0.84 0.00	26.62 0.85 0.00	27.91 0.87 0.00	30.91 0.99 0.00	32.68 1.04 -0.03	40.36 1.36 -1.04	38.67 1.30 -0.20	35.92 1.24 -0.16	29.63 0.99 -3.14	25.94 0.88 -2.03	24.38 0.70 -2.38	21.64 0.67 -0.54
GILBOA____4 23759	21.90 0.66 0.00	19.57 0.57 0.00	18.98 0.61 0.00	17.61 0.52 -0.93	18.06 0.59 0.00	19.34 0.55 0.00	25.05 0.70 -3.01	29.00 0.73 -6.96	27.65 0.73 -5.60	25.24 0.90 -0.07	24.36 0.80 0.00	24.75 0.77 0.00	26.45 0.84 0.00	26.62 0.85 0.00	27.91 0.87 0.00	30.91 0.99 0.00	32.68 1.04 -0.03	40.36 1.36 -1.04	38.67 1.30 -0.20	35.92 1.24 -0.16	29.63 0.99 -3.14	25.94 0.88 -2.03	24.38 0.70 -2.38	21.64 0.67 -0.54
GILBOA____ 23599	21.87 0.64 0.00	19.57 0.57 0.00	19.00 0.62 0.00	17.61 0.52 -0.93	18.06 0.59 0.00	19.34 0.54 0.00	25.05 0.70 -3.01	29.00 0.72 -6.96	27.64 0.72 -5.60	25.24 0.90 -0.07	24.36 0.80 0.00	24.75 0.77 0.00	26.45 0.84 0.00	26.64 0.88 0.00	27.91 0.87 0.00	30.91 0.99 0.00	32.68 1.04 -0.03	40.32 1.33 -1.04	38.67 1.30 -0.20	35.93 1.24 -0.16	29.64 0.99 -3.14	25.94 0.88 -2.03	24.38 0.70 -2.38	21.60 0.63 -0.54
GINNA____ 23603	20.20 -1.04 0.00	18.03 -0.97 0.00	17.44 -0.94 0.00	15.54 -0.73 -0.10	16.56 -0.91 0.00	17.91 -0.88 0.00	20.78 -0.90 -0.33	21.22 -0.88 -0.77	21.08 -0.85 -0.62	23.18 -1.09 0.00	22.57 -0.99 0.00	23.12 -0.86 0.00	24.73 -0.87 0.00	24.79 -0.98 0.00	26.13 -0.92 0.00	28.90 -1.02 0.00	30.47 -1.14 0.00	36.48 -1.48 0.00	35.61 -1.56 0.00	33.10 -1.42 0.00	24.74 -1.07 -0.31	22.34 -0.92 -0.23	20.71 -0.85 -0.27	19.50 -0.98 -0.06

GLEN PARK____ 23778	22.06 0.83 0.00	19.70 0.70 0.00	19.09 0.72 0.00	16.78 0.57 -0.06	18.13 0.66 0.00	19.54 0.75 0.00	22.49 0.96 -0.18	22.68 0.94 -0.43	22.53 0.87 -0.34	25.19 0.92 0.00	24.40 0.85 0.00	25.11 1.13 0.00	26.75 1.15 0.00	26.90 1.13 0.00	28.29 1.24 0.00	31.12 1.20 0.00	33.03 1.42 0.00	39.93 1.97 0.00	39.29 2.12 0.00	36.55 2.04 0.00	26.97 1.30 -0.17	24.34 1.17 -0.12	22.19 0.75 -0.15	21.09 0.63 -0.03
GLENDALDE_27_KV_LOAD 356172	22.85 1.61 0.00	20.37 1.37 0.00	19.68 1.30 0.00	18.17 1.08 -0.93	18.62 1.15 0.00	20.03 1.24 0.00	26.05 1.71 -3.00	30.06 1.79 -6.95	33.35 1.83 -10.19	33.37 2.23 -6.86	34.54 2.12 -8.86	33.36 2.04 -7.35	35.30 2.30 -7.39	34.87 2.40 -6.70	35.31 2.41 -5.85	34.38 2.60 -1.85	34.38 2.66 -0.11	45.15 3.38 -3.82	41.24 3.23 -0.83	38.32 3.11 -0.69	30.91 2.24 -3.17	27.12 2.05 -2.03	25.43 1.75 -2.38	22.46 1.49 -0.54
GLENWOOD_IC_1_G5 23712	24.06 1.68 -1.15	20.39 1.39 0.00	19.66 1.29 0.00	18.14 1.05 -0.93	18.71 1.24 0.00	20.13 1.33 0.00	26.59 1.77 -3.48	30.11 1.83 -6.96	30.21 1.88 -7.02	29.31 2.28 -2.76	29.39 2.17 -3.67	29.37 2.09 -3.31	29.44 2.36 -1.49	29.39 2.40 -1.22	29.58 2.41 -0.13	32.73 2.60 -0.21	34.47 2.75 -0.11	47.91 3.57 -6.39	49.02 3.42 -8.43	46.24 3.21 -8.51	39.36 2.32 -11.54	31.73 2.12 -6.57	28.14 1.81 -5.03	24.84 1.59 -2.83
GLENWOOD_IC_2_G1 23688	23.93 1.55 -1.15	20.29 1.29 0.00	19.57 1.19 0.00	18.07 0.99 -0.93	18.62 1.15 0.00	20.01 1.22 0.00	26.46 1.64 -3.47	29.97 1.68 -6.97	30.06 1.73 -7.02	29.14 2.11 -2.76	29.23 2.00 -3.67	29.21 1.92 -3.31	29.21 2.12 -1.48	29.18 2.19 -1.22	29.34 2.16 -0.13	32.46 2.34 -0.21	34.23 2.50 -0.12	47.65 3.30 -6.39	48.76 3.16 -8.43	45.99 2.97 -8.51	39.18 2.14 -11.54	31.57 1.96 -6.57	28.01 1.68 -5.03	24.78 1.53 -2.83
GLENWOOD_IC_3_G1 23689	23.93 1.55 -1.15	20.29 1.29 0.00	19.57 1.19 0.00	18.07 0.99 -0.93	18.62 1.15 0.00	20.01 1.22 0.00	26.46 1.64 -3.47	29.97 1.68 -6.97	30.06 1.73 -7.02	29.14 2.11 -2.76	29.23 2.00 -3.67	29.21 1.92 -3.31	29.21 2.12 -1.48	29.18 2.19 -1.22	29.34 2.16 -0.13	32.46 2.34 -0.21	34.23 2.50 -0.12	47.65 3.30 -6.39	48.76 3.16 -8.43	45.99 2.97 -8.51	39.18 2.14 -11.54	31.57 1.96 -6.57	28.01 1.68 -5.03	24.78 1.53 -2.83
GLENWOOD____4 23550	24.06 1.68 -1.15	20.39 1.39 0.00	19.66 1.29 0.00	18.14 1.05 -0.93	18.71 1.24 0.00	20.13 1.33 0.00	26.59 1.77 -3.48	30.11 1.83 -6.96	30.21 1.88 -7.02	29.31 2.28 -2.76	29.39 2.17 -3.67	29.37 2.09 -3.31	29.44 2.36 -1.49	29.39 2.40 -1.22	29.58 2.41 -0.13	32.73 2.60 -0.21	34.47 2.75 -0.11	47.91 3.57 -6.39	49.02 3.42 -8.43	46.24 3.21 -8.51	39.36 2.32 -11.54	31.73 2.12 -6.57	28.14 1.81 -5.03	24.84 1.59 -2.83
GLENWOOD____5 23614	24.06 1.68 -1.15	20.39 1.39 0.00	19.66 1.29 0.00	18.14 1.05 -0.93	18.71 1.24 0.00	20.13 1.33 0.00	26.59 1.77 -3.48	30.11 1.83 -6.96	30.21 1.88 -7.02	29.31 2.28 -2.76	29.39 2.17 -3.67	29.37 2.09 -3.31	29.44 2.36 -1.49	29.39 2.40 -1.22	29.58 2.41 -0.13	32.73 2.60 -0.21	34.47 2.75 -0.11	47.91 3.57 -6.39	49.02 3.42 -8.43	46.24 3.21 -8.51	39.36 2.32 -11.54	31.73 2.12 -6.57	28.14 1.81 -5.03	24.84 1.59 -2.83
GLOBAL GREEN_PORT_GT1 23814	25.77 3.38 -1.16	21.80 2.79 0.00	20.99 2.61 0.00	19.29 2.20 -0.93	20.20 2.72 -0.01	21.68 2.88 -0.01	28.37 3.54 -3.48	31.92 3.62 -6.98	31.97 3.62 -7.03	31.46 4.42 -2.77	31.38 4.15 -3.68	31.40 4.10 -3.32	31.55 4.45 -1.49	31.43 4.43 -1.23	31.84 4.65 -0.14	35.14 5.00 -0.23	37.09 5.34 -0.14	51.04 6.68 -6.40	52.09 6.43 -8.48	49.05 6.01 -8.52	44.41 4.36 -14.56	33.68 4.06 -6.59	29.96 3.62 -5.04	26.67 3.41 -2.84
GLOBE____DSASP 323697	20.07 -1.17 0.00	18.11 -0.89 0.00	17.42 -0.96 0.00	15.42 -0.89 -0.14	16.70 -0.77 0.00	17.96 -0.83 0.00	20.70 -1.11 -0.47	20.16 -0.96 0.20	20.60 -1.41 -0.69	22.82 -1.46 0.00	22.47 -1.08 0.00	23.19 -0.79 0.00	24.50 -1.10 0.00	24.53 -1.24 0.00	25.88 -1.16 0.00	28.48 -1.44 0.00	29.97 -1.64 0.00	35.49 -2.47 0.00	34.53 -2.64 0.00	32.21 -2.31 0.00	23.78 -1.63 0.09	21.65 -1.34 0.05	20.56 -1.11 -0.37	19.57 -0.94 -0.08
GOETHSLN____LBMP 323567	22.55 1.32 0.00	20.10 1.10 0.00	19.46 1.08 0.00	17.96 0.87 -0.93	18.38 0.91 0.00	19.79 1.00 0.00	25.78 1.43 -3.00	29.79 1.51 -6.95	28.52 1.56 -5.64	26.47 1.92 -0.28	25.44 1.81 -0.07	25.77 1.73 -0.06	27.63 2.00 -0.03	27.86 2.06 -0.03	29.23 2.06 -0.13	32.28 2.15 -0.21	32.75 2.15 1.01	39.50 2.92 1.38	32.49 2.79 7.47	30.91 2.62 6.23	30.58 1.91 -3.17	26.82 1.75 -2.03	25.15 1.47 -2.38	22.19 1.23 -0.54
GOLAH____69_KV_TB 1_2 80279	21.19 -0.04 0.00	19.00 0.00 0.00	18.34 -0.04 0.00	16.32 0.05 -0.11	17.43 -0.03 0.00	18.87 0.08 0.00	21.78 0.09 -0.35	22.00 0.02 -0.66	21.97 0.02 -0.63	24.22 -0.05 0.00	23.65 0.09 0.00	24.27 0.29 0.00	25.83 0.23 0.00	25.90 0.13 0.00	27.29 0.24 0.00	30.10 0.18 0.00	31.77 0.16 0.00	37.92 -0.04 0.00	37.02 -0.15 0.00	34.45 -0.07 0.00	25.75 -0.03 -0.28	23.29 0.07 -0.19	21.77 0.19 -0.28	20.67 0.18 -0.06
GOODYEAR_LAKE_HYD 323669	22.11 0.87 0.00	19.76 0.76 0.00	19.15 0.77 0.00	17.23 0.61 -0.45	18.19 0.72 0.00	19.56 0.77 0.00	23.76 0.96 -1.46	25.72 1.02 -3.38	25.05 1.02 -2.70	25.51 1.26 0.02	24.71 1.15 0.00	25.27 1.29 0.00	26.98 1.38 0.00	27.16 1.39 0.00	28.48 1.43 0.00	31.51 1.59 0.00	33.31 1.71 0.01	39.77 2.16 0.35	39.22 2.12 0.07	36.46 2.00 0.06	28.45 1.43 -1.52	25.27 1.24 -0.98	23.37 0.92 -1.16	21.48 0.80 -0.26
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	21.64 0.40 0.00	19.40 0.40 0.00	18.74 0.37 0.00	16.64 0.18 -0.30	17.80 0.33 0.00	19.17 0.38 0.00	22.68 0.36 -0.98	23.98 0.41 -2.26	23.50 0.36 -1.81	24.93 0.66 0.00	24.19 0.64 0.00	24.77 0.79 0.00	26.40 0.79 0.00	26.52 0.75 0.00	27.89 0.84 0.00	30.82 0.90 0.00	32.62 1.01 0.00	39.14 1.18 0.00	38.17 1.00 0.00	35.52 1.00 0.00	27.20 0.69 -1.02	24.25 0.55 -0.66	22.41 0.34 -0.77	20.93 0.33 -0.18
GOUDEY____7 23579	21.66 0.42 0.00	19.42 0.42 0.00	18.76 0.39 0.00	16.66 0.19 -0.30	17.82 0.35 0.00	19.19 0.39 0.00	22.70 0.38 -0.98	24.00 0.43 -2.26	23.52 0.38 -1.81	24.95 0.68 0.00	24.24 0.68 0.00	24.80 0.82 0.00	26.42 0.82 0.00	26.57 0.80 0.00	27.91 0.87 0.00	30.85 0.93 0.00	32.65 1.04 0.00	39.21 1.25 0.00	38.21 1.04 0.00	35.55 1.04 0.00	27.25 0.74 -1.02	24.27 0.58 -0.66	22.43 0.36 -0.77	20.93 0.33 -0.18
GOUDEY____8 23580	21.64 0.40 0.00	19.40 0.40 0.00	18.74 0.37 0.00	16.64 0.18 -0.30	17.80 0.33 0.00	19.17 0.38 0.00	22.68 0.36 -0.98	23.98 0.41 -2.26	23.50 0.36 -1.81	24.93 0.66 0.00	24.19 0.64 0.00	24.77 0.79 0.00	26.40 0.79 0.00	26.52 0.75 0.00	27.89 0.84 0.00	30.82 0.90 0.00	32.62 1.01 0.00	39.14 1.18 0.00	38.17 1.00 0.00	35.52 1.00 0.00	27.20 0.69 -1.02	24.25 0.55 -0.66	22.41 0.34 -0.77	20.93 0.33 -0.18

GOWANUS_GT1_1 24077	22.83 1.59 0.00	20.35 1.35 0.00	19.66 1.29 0.00	18.15 1.07 -0.93	18.62 1.15 0.00	20.01 1.22 0.00	25.99 1.64 -3.00	30.00 1.73 -6.95	33.30 1.79 -10.19	33.32 2.18 -6.86	34.51 2.10 -8.86	33.34 2.01 -7.35	35.30 2.30 -7.39	34.84 2.37 -6.70	35.28 2.38 -5.85	34.35 2.57 -1.85	34.31 2.59 -0.11	45.12 3.34 -3.82	41.20 3.20 -0.83	38.28 3.07 -0.69	30.89 2.22 -3.17	27.07 2.00 -2.03	25.40 1.73 -2.38	22.46 1.49 -0.54
GOWANUS_GT1_2 24078	22.83 1.59 0.00	20.35 1.35 0.00	19.66 1.29 0.00	18.15 1.07 -0.93	18.62 1.15 0.00	20.01 1.22 0.00	25.99 1.64 -3.00	30.00 1.73 -6.95	33.30 1.79 -10.19	33.32 2.18 -6.86	34.51 2.10 -8.86	33.34 2.01 -7.35	35.30 2.30 -7.39	34.84 2.37 -6.70	35.28 2.38 -5.85	34.35 2.57 -1.85	34.31 2.59 -0.11	45.12 3.34 -3.82	41.20 3.20 -0.83	38.28 3.07 -0.69	30.89 2.22 -3.17	27.07 2.00 -2.03	25.40 1.73 -2.38	22.46 1.49 -0.54
GOWANUS_GT1_3 24079	22.83 1.59 0.00	20.35 1.35 0.00	19.66 1.29 0.00	18.15 1.07 -0.93	18.62 1.15 0.00	20.01 1.22 0.00	25.99 1.64 -3.00	30.00 1.73 -6.95	33.30 1.79 -10.19	33.32 2.18 -6.86	34.51 2.10 -8.86	33.34 2.01 -7.35	35.30 2.30 -7.39	34.84 2.37 -6.70	35.28 2.38 -5.85	34.35 2.57 -1.85	34.31 2.59 -0.11	45.12 3.34 -3.82	41.20 3.20 -0.83	38.28 3.07 -0.69	30.89 2.22 -3.17	27.07 2.00 -2.03	25.40 1.73 -2.38	22.46 1.49 -0.54
GOWANUS_GT1_4 24080	22.83 1.59 0.00	20.35 1.35 0.00	19.66 1.29 0.00	18.15 1.07 -0.93	18.62 1.15 0.00	20.01 1.22 0.00	25.99 1.64 -3.00	30.00 1.73 -6.95	33.30 1.79 -10.19	33.32 2.18 -6.86	34.51 2.10 -8.86	33.34 2.01 -7.35	35.30 2.30 -7.39	34.84 2.37 -6.70	35.28 2.38 -5.85	34.35 2.57 -1.85	34.31 2.59 -0.11	45.12 3.34 -3.82	41.20 3.20 -0.83	38.28 3.07 -0.69	30.89 2.22 -3.17	27.07 2.00 -2.03	25.40 1.73 -2.38	22.46 1.49 -0.54
GOWANUS_GT1_5 24084	22.83 1.59 0.00	20.35 1.35 0.00	19.66 1.29 0.00	18.15 1.07 -0.93	18.62 1.15 0.00	20.01 1.22 0.00	25.99 1.64 -3.00	30.00 1.73 -6.95	33.30 1.79 -10.19	33.32 2.18 -6.86	34.51 2.10 -8.86	33.34 2.01 -7.35	35.30 2.30 -7.39	34.84 2.37 -6.70	35.28 2.38 -5.85	34.35 2.57 -1.85	34.31 2.59 -0.11	45.12 3.34 -3.82	41.20 3.20 -0.83	38.28 3.07 -0.69	30.89 2.22 -3.17	27.07 2.00 -2.03	25.40 1.73 -2.38	22.46 1.49 -0.54
GOWANUS_GT1_6 24111	22.83 1.59 0.00	20.35 1.35 0.00	19.66 1.29 0.00	18.15 1.07 -0.93	18.62 1.15 0.00	20.01 1.22 0.00	25.99 1.64 -3.00	30.00 1.73 -6.95	33.30 1.79 -10.19	33.32 2.18 -6.86	34.51 2.10 -8.86	33.34 2.01 -7.35	35.30 2.30 -7.39	34.84 2.37 -6.70	35.28 2.38 -5.85	34.35 2.57 -1.85	34.31 2.59 -0.11	45.12 3.34 -3.82	41.20 3.20 -0.83	38.28 3.07 -0.69	30.89 2.22 -3.17	27.07 2.00 -2.03	25.40 1.73 -2.38	22.46 1.49 -0.54
GOWANUS_GT1_7 24112	22.83 1.59 0.00	20.35 1.35 0.00	19.66 1.29 0.00	18.15 1.07 -0.93	18.62 1.15 0.00	20.01 1.22 0.00	25.99 1.64 -3.00	30.00 1.73 -6.95	33.30 1.79 -10.19	33.32 2.18 -6.86	34.51 2.10 -8.86	33.34 2.01 -7.35	35.30 2.30 -7.39	34.84 2.37 -6.70	35.28 2.38 -5.85	34.35 2.57 -1.85	34.31 2.59 -0.11	45.12 3.34 -3.82	41.20 3.20 -0.83	38.28 3.07 -0.69	30.89 2.22 -3.17	27.07 2.00 -2.03	25.40 1.73 -2.38	22.46 1.49 -0.54
GOWANUS_GT1_8 24113	22.83 1.59 0.00	20.35 1.35 0.00	19.66 1.29 0.00	18.15 1.07 -0.93	18.62 1.15 0.00	20.01 1.22 0.00	25.99 1.64 -3.00	30.00 1.73 -6.95	33.30 1.79 -10.19	33.32 2.18 -6.86	34.51 2.10 -8.86	33.34 2.01 -7.35	35.30 2.30 -7.39	34.84 2.37 -6.70	35.28 2.38 -5.85	34.35 2.57 -1.85	34.31 2.59 -0.11	45.12 3.34 -3.82	41.20 3.20 -0.83	38.28 3.07 -0.69	30.89 2.22 -3.17	27.07 2.00 -2.03	25.40 1.73 -2.38	22.46 1.49 -0.54
GOWANUS_GT2_1 24114	22.84 1.59 -0.01	20.36 1.35 -0.01	19.67 1.29 -0.01	18.16 1.07 -0.94	18.63 1.15 -0.01	20.01 1.22 0.00	26.00 1.64 -3.01	30.01 1.73 -6.96	33.28 1.77 -10.19	33.32 2.19 -6.86	34.51 2.10 -8.86	33.32 1.99 -7.35	35.22 2.23 -7.39	34.79 2.32 -6.70	35.25 2.35 -5.85	34.32 2.54 -1.85	34.35 2.62 -0.12	45.19 3.42 -3.82	41.23 3.23 -0.83	38.32 3.11 -0.69	30.87 2.19 -3.18	27.06 1.98 -2.04	25.38 1.70 -2.38	22.52 1.55 -0.55
GOWANUS_GT2_2 24115	22.84 1.59 -0.01	20.36 1.35 -0.01	19.67 1.29 -0.01	18.16 1.07 -0.94	18.63 1.15 -0.01	20.01 1.22 0.00	26.00 1.64 -3.01	30.01 1.73 -6.96	33.28 1.77 -10.19	33.32 2.19 -6.86	34.51 2.10 -8.86	33.32 1.99 -7.35	35.22 2.23 -7.39	34.79 2.32 -6.70	35.25 2.35 -5.85	34.32 2.54 -1.85	34.35 2.62 -0.12	45.19 3.42 -3.82	41.23 3.23 -0.83	38.32 3.11 -0.69	30.87 2.19 -3.18	27.06 1.98 -2.04	25.38 1.70 -2.38	22.52 1.55 -0.55
GOWANUS_GT2_3 24116	22.84 1.59 -0.01	20.36 1.35 -0.01	19.67 1.29 -0.01	18.16 1.07 -0.94	18.63 1.15 -0.01	20.01 1.22 0.00	26.00 1.64 -3.01	30.01 1.73 -6.96	33.28 1.77 -10.19	33.32 2.19 -6.86	34.51 2.10 -8.86	33.32 1.99 -7.35	35.22 2.23 -7.39	34.79 2.32 -6.70	35.25 2.35 -5.85	34.32 2.54 -1.85	34.35 2.62 -0.12	45.19 3.42 -3.82	41.23 3.23 -0.83	38.32 3.11 -0.69	30.87 2.19 -3.18	27.06 1.98 -2.04	25.38 1.70 -2.38	22.52 1.55 -0.55
GOWANUS_GT2_4 24117	22.84 1.59 -0.01	20.36 1.35 -0.01	19.67 1.29 -0.01	18.16 1.07 -0.94	18.63 1.15 -0.01	20.01 1.22 0.00	26.00 1.64 -3.01	30.01 1.73 -6.96	33.28 1.77 -10.19	33.32 2.19 -6.86	34.51 2.10 -8.86	33.32 1.99 -7.35	35.22 2.23 -7.39	34.79 2.32 -6.70	35.25 2.35 -5.85	34.32 2.54 -1.85	34.35 2.62 -0.12	45.19 3.42 -3.82	41.23 3.23 -0.83	38.32 3.11 -0.69	30.87 2.19 -3.18	27.06 1.98 -2.04	25.38 1.70 -2.38	22.52 1.55 -0.55
GOWANUS_GT2_5 24118	22.84 1.59 -0.01	20.36 1.35 -0.01	19.67 1.29 -0.01	18.16 1.07 -0.94	18.63 1.15 -0.01	20.01 1.22 0.00	26.00 1.64 -3.01	30.01 1.73 -6.96	33.28 1.77 -10.19	33.32 2.19 -6.86	34.51 2.10 -8.86	33.32 1.99 -7.35	35.22 2.23 -7.39	34.79 2.32 -6.70	35.25 2.35 -5.85	34.32 2.54 -1.85	34.35 2.62 -0.12	45.19 3.42 -3.82	41.23 3.23 -0.83	38.32 3.11 -0.69	30.87 2.19 -3.18	27.06 1.98 -2.04	25.38 1.70 -2.38	22.52 1.55 -0.55
GOWANUS_GT2_6 24119	22.84 1.59 -0.01	20.36 1.35 -0.01	19.67 1.29 -0.01	18.16 1.07 -0.94	18.63 1.15 -0.01	20.01 1.22 0.00	26.00 1.64 -3.01	30.01 1.73 -6.96	33.28 1.77 -10.19	33.32 2.19 -6.86	34.51 2.10 -8.86	33.32 1.99 -7.35	35.22 2.23 -7.39	34.79 2.32 -6.70	35.25 2.35 -5.85	34.32 2.54 -1.85	34.35 2.62 -0.12	45.19 3.42 -3.82	41.23 3.23 -0.83	38.32 3.11 -0.69	30.87 2.19 -3.18	27.06 1.98 -2.04	25.38 1.70 -2.38	22.52 1.55 -0.55
GOWANUS_GT2_7 24120	22.84 1.59 -0.01	20.36 1.35 -0.01	19.67 1.29 -0.01	18.16 1.07 -0.94	18.63 1.15 -0.01	20.01 1.22 0.00	26.00 1.64 -3.01	30.01 1.73 -6.96	33.28 1.77 -10.19	33.32 2.19 -6.86	34.51 2.10 -8.86	33.32 1.99 -7.35	35.22 2.23 -7.39	34.79 2.32 -6.70	35.25 2.35 -5.85	34.32 2.54 -1.85	34.35 2.62 -0.12	45.19 3.42 -3.82	41.23 3.23 -0.83	38.32 3.11 -0.69	30.87 2.19 -3.18	27.06 1.98 -2.04	25.38 1.70 -2.38	22.52 1.55 -0.55

GOWANUS_GT2_8 24121	22.84 1.59 -0.01	20.36 1.35 -0.01	19.67 1.29 -0.01	18.16 1.07 -0.94	18.63 1.15 -0.01	20.01 1.22 0.00	26.00 1.64 -3.01	30.01 1.73 -6.96	33.28 1.77 -10.19	33.32 2.19 -6.86	34.51 2.10 -8.86	33.32 1.99 -7.35	35.22 2.23 -7.39	34.79 2.32 -6.70	35.25 2.35 -5.85	34.32 2.54 -1.85	34.35 2.62 -0.12	45.19 3.42 -3.82	41.23 3.23 -0.83	38.32 3.11 -0.69	30.87 2.19 -3.18	27.06 1.98 -2.04	25.38 1.70 -2.38	22.52 1.55 -0.55
GOWANUS_GT3_1 24122	22.86 1.61 -0.01	20.36 1.35 -0.01	19.67 1.29 -0.01	18.16 1.07 -0.94	18.65 1.17 -0.01	20.01 1.22 0.00	26.02 1.67 -3.01	30.01 1.73 -6.96	33.30 1.79 -10.19	33.32 2.19 -6.86	34.51 2.10 -8.86	33.34 2.01 -7.35	35.25 2.25 -7.39	34.82 2.34 -6.70	35.25 2.35 -5.85	34.32 2.54 -1.85	34.35 2.62 -0.12	45.19 3.42 -3.82	41.23 3.23 -0.83	38.35 3.14 -0.69	30.90 2.22 -3.18	27.08 2.00 -2.04	25.40 1.72 -2.38	22.52 1.55 -0.55
GOWANUS_GT3_2 24123	22.86 1.61 -0.01	20.36 1.35 -0.01	19.67 1.29 -0.01	18.16 1.07 -0.94	18.65 1.17 -0.01	20.01 1.22 0.00	26.02 1.67 -3.01	30.01 1.73 -6.96	33.30 1.79 -10.19	33.32 2.19 -6.86	34.51 2.10 -8.86	33.34 2.01 -7.35	35.25 2.25 -7.39	34.82 2.34 -6.70	35.25 2.35 -5.85	34.32 2.54 -1.85	34.35 2.62 -0.12	45.19 3.42 -3.82	41.23 3.23 -0.83	38.35 3.14 -0.69	30.90 2.22 -3.18	27.08 2.00 -2.04	25.40 1.72 -2.38	22.52 1.55 -0.55
GOWANUS_GT3_3 24124	22.86 1.61 -0.01	20.36 1.35 -0.01	19.67 1.29 -0.01	18.16 1.07 -0.94	18.65 1.17 -0.01	20.01 1.22 0.00	26.02 1.67 -3.01	30.01 1.73 -6.96	33.30 1.79 -10.19	33.32 2.19 -6.86	34.51 2.10 -8.86	33.34 2.01 -7.35	35.25 2.25 -7.39	34.82 2.34 -6.70	35.25 2.35 -5.85	34.32 2.54 -1.85	34.35 2.62 -0.12	45.19 3.42 -3.82	41.23 3.23 -0.83	38.35 3.14 -0.69	30.90 2.22 -3.18	27.08 2.00 -2.04	25.40 1.72 -2.38	22.52 1.55 -0.55
GOWANUS_GT3_4 24125	22.86 1.61 -0.01	20.36 1.35 -0.01	19.67 1.29 -0.01	18.16 1.07 -0.94	18.65 1.17 -0.01	20.01 1.22 0.00	26.02 1.67 -3.01	30.01 1.73 -6.96	33.30 1.79 -10.19	33.32 2.19 -6.86	34.51 2.10 -8.86	33.34 2.01 -7.35	35.25 2.25 -7.39	34.82 2.34 -6.70	35.25 2.35 -5.85	34.32 2.54 -1.85	34.35 2.62 -0.12	45.19 3.42 -3.82	41.23 3.23 -0.83	38.35 3.14 -0.69	30.90 2.22 -3.18	27.08 2.00 -2.04	25.40 1.72 -2.38	22.52 1.55 -0.55
GOWANUS_GT3_5 24126	22.86 1.61 -0.01	20.36 1.35 -0.01	19.67 1.29 -0.01	18.16 1.07 -0.94	18.65 1.17 -0.01	20.01 1.22 0.00	26.02 1.67 -3.01	30.01 1.73 -6.96	33.30 1.79 -10.19	33.32 2.19 -6.86	34.51 2.10 -8.86	33.34 2.01 -7.35	35.25 2.25 -7.39	34.82 2.34 -6.70	35.25 2.35 -5.85	34.32 2.54 -1.85	34.35 2.62 -0.12	45.19 3.42 -3.82	41.23 3.23 -0.83	38.35 3.14 -0.69	30.90 2.22 -3.18	27.08 2.00 -2.04	25.40 1.72 -2.38	22.52 1.55 -0.55
GOWANUS_GT3_6 24127	22.86 1.61 -0.01	20.36 1.35 -0.01	19.67 1.29 -0.01	18.16 1.07 -0.94	18.65 1.17 -0.01	20.01 1.22 0.00	26.02 1.67 -3.01	30.01 1.73 -6.96	33.30 1.79 -10.19	33.32 2.19 -6.86	34.51 2.10 -8.86	33.34 2.01 -7.35	35.25 2.25 -7.39	34.82 2.34 -6.70	35.25 2.35 -5.85	34.32 2.54 -1.85	34.35 2.62 -0.12	45.19 3.42 -3.82	41.23 3.23 -0.83	38.35 3.14 -0.69	30.90 2.22 -3.18	27.08 2.00 -2.04	25.40 1.72 -2.38	22.52 1.55 -0.55
GOWANUS_GT3_7 24128	22.86 1.61 -0.01	20.36 1.35 -0.01	19.67 1.29 -0.01	18.16 1.07 -0.94	18.65 1.17 -0.01	20.01 1.22 0.00	26.02 1.67 -3.01	30.01 1.73 -6.96	33.30 1.79 -10.19	33.32 2.19 -6.86	34.51 2.10 -8.86	33.34 2.01 -7.35	35.25 2.25 -7.39	34.82 2.34 -6.70	35.25 2.35 -5.85	34.32 2.54 -1.85	34.35 2.62 -0.12	45.19 3.42 -3.82	41.23 3.23 -0.83	38.35 3.14 -0.69	30.90 2.22 -3.18	27.08 2.00 -2.04	25.40 1.72 -2.38	22.52 1.55 -0.55
GOWANUS_GT3_8 24129	22.86 1.61 -0.01	20.36 1.35 -0.01	19.67 1.29 -0.01	18.16 1.07 -0.94	18.65 1.17 -0.01	20.01 1.22 0.00	26.02 1.67 -3.01	30.01 1.73 -6.96	33.30 1.79 -10.19	33.32 2.19 -6.86	34.51 2.10 -8.86	33.34 2.01 -7.35	35.25 2.25 -7.39	34.82 2.34 -6.70	35.25 2.35 -5.85	34.32 2.54 -1.85	34.35 2.62 -0.12	45.19 3.42 -3.82	41.23 3.23 -0.83	38.35 3.14 -0.69	30.90 2.22 -3.18	27.08 2.00 -2.04	25.40 1.72 -2.38	22.52 1.55 -0.55
GOWANUS_GT4_1 24130	22.83 1.59 0.00	20.35 1.35 0.00	19.66 1.29 0.00	18.15 1.07 -0.93	18.61 1.14 0.00	20.01 1.22 0.00	25.99 1.64 -3.00	30.00 1.73 -6.95	33.30 1.79 -10.19	33.32 2.18 -6.86	34.51 2.10 -8.86	33.32 1.99 -7.35	35.27 2.28 -7.39	34.82 2.34 -6.70	35.25 2.35 -5.85	34.35 2.57 -1.85	34.31 2.59 -0.11	45.12 3.34 -3.82	41.16 3.16 -0.83	38.28 3.07 -0.69	30.86 2.19 -3.17	27.05 1.98 -2.03	25.38 1.70 -2.38	22.44 1.47 -0.54
GOWANUS_GT4_2 24131	22.83 1.59 0.00	20.35 1.35 0.00	19.66 1.29 0.00	18.15 1.07 -0.93	18.61 1.14 0.00	20.01 1.22 0.00	25.99 1.64 -3.00	30.00 1.73 -6.95	33.30 1.79 -10.19	33.32 2.18 -6.86	34.51 2.10 -8.86	33.32 1.99 -7.35	35.27 2.28 -7.39	34.82 2.34 -6.70	35.25 2.35 -5.85	34.35 2.57 -1.85	34.31 2.59 -0.11	45.12 3.34 -3.82	41.16 3.16 -0.83	38.28 3.07 -0.69	30.86 2.19 -3.17	27.05 1.98 -2.03	25.38 1.70 -2.38	22.44 1.47 -0.54
GOWANUS_GT4_3 24132	22.83 1.59 0.00	20.35 1.35 0.00	19.66 1.29 0.00	18.15 1.07 -0.93	18.61 1.14 0.00	20.01 1.22 0.00	25.99 1.64 -3.00	30.00 1.73 -6.95	33.30 1.79 -10.19	33.32 2.18 -6.86	34.51 2.10 -8.86	33.32 1.99 -7.35	35.27 2.28 -7.39	34.82 2.34 -6.70	35.25 2.35 -5.85	34.35 2.57 -1.85	34.31 2.59 -0.11	45.12 3.34 -3.82	41.16 3.16 -0.83	38.28 3.07 -0.69	30.86 2.19 -3.17	27.05 1.98 -2.03	25.38 1.70 -2.38	22.44 1.47 -0.54
GOWANUS_GT4_4 24133	22.83 1.59 0.00	20.35 1.35 0.00	19.66 1.29 0.00	18.15 1.07 -0.93	18.61 1.14 0.00	20.01 1.22 0.00	25.99 1.64 -3.00	30.00 1.73 -6.95	33.30 1.79 -10.19	33.32 2.18 -6.86	34.51 2.10 -8.86	33.32 1.99 -7.35	35.27 2.28 -7.39	34.82 2.34 -6.70	35.25 2.35 -5.85	34.35 2.57 -1.85	34.31 2.59 -0.11	45.12 3.34 -3.82	41.16 3.16 -0.83	38.28 3.07 -0.69	30.86 2.19 -3.17	27.05 1.98 -2.03	25.38 1.70 -2.38	22.44 1.47 -0.54
GOWANUS_GT4_5 24134	22.83 1.59 0.00	20.35 1.35 0.00	19.66 1.29 0.00	18.15 1.07 -0.93	18.61 1.14 0.00	20.01 1.22 0.00	25.99 1.64 -3.00	30.00 1.73 -6.95	33.30 1.79 -10.19	33.32 2.18 -6.86	34.51 2.10 -8.86	33.32 1.99 -7.35	35.27 2.28 -7.39	34.82 2.34 -6.70	35.25 2.35 -5.85	34.35 2.57 -1.85	34.31 2.59 -0.11	45.12 3.34 -3.82	41.16 3.16 -0.83	38.28 3.07 -0.69	30.86 2.19 -3.17	27.05 1.98 -2.03	25.38 1.70 -2.38	22.44 1.47 -0.54
GOWANUS_GT4_6 24135	22.83 1.59 0.00	20.35 1.35 0.00	19.66 1.29 0.00	18.15 1.07 -0.93	18.61 1.14 0.00	20.01 1.22 0.00	25.99 1.64 -3.00	30.00 1.73 -6.95	33.30 1.79 -10.19	33.32 2.18 -6.86	34.51 2.10 -8.86	33.32 1.99 -7.35	35.27 2.28 -7.39	34.82 2.34 -6.70	35.25 2.35 -5.85	34.35 2.57 -1.85	34.31 2.59 -0.11	45.12 3.34 -3.82	41.16 3.16 -0.83	38.28 3.07 -0.69	30.86 2.19 -3.17	27.05 1.98 -2.03	25.38 1.70 -2.38	22.44 1.47 -0.54

GOWANUS_GT4_7 24136	22.83 1.59 0.00	20.35 1.35 0.00	19.66 1.29 0.00	18.15 1.07 -0.93	18.61 1.14 0.00	20.01 1.22 0.00	25.99 1.64 -3.00	30.00 1.73 -6.95	33.30 1.79 -10.19	33.32 2.18 -6.86	34.51 2.10 -8.86	33.32 1.99 -7.35	35.27 2.28 -7.39	34.82 2.34 -6.70	35.25 2.35 -5.85	34.35 2.57 -1.85	34.31 2.59 -0.11	45.12 3.34 -3.82	41.16 3.16 -0.83	38.28 3.07 -0.69	30.86 2.19 -3.17	27.05 1.98 -2.03	25.38 1.70 -2.38	22.44 1.47 -0.54
GOWANUS_GT4_8 24137	22.83 1.59 0.00	20.35 1.35 0.00	19.66 1.29 0.00	18.15 1.07 -0.93	18.61 1.14 0.00	20.01 1.22 0.00	25.99 1.64 -3.00	30.00 1.73 -6.95	33.30 1.79 -10.19	33.32 2.18 -6.86	34.51 2.10 -8.86	33.32 1.99 -7.35	35.27 2.28 -7.39	34.82 2.34 -6.70	35.25 2.35 -5.85	34.35 2.57 -1.85	34.31 2.59 -0.11	45.12 3.34 -3.82	41.16 3.16 -0.83	38.28 3.07 -0.69	30.86 2.19 -3.17	27.05 1.98 -2.03	25.38 1.70 -2.38	22.44 1.47 -0.54
GREENBSH_115KV_TB3 55895	21.72 0.49 0.00	19.46 0.46 0.00	18.84 0.46 0.00	17.79 0.44 -1.19	17.94 0.47 0.00	19.28 0.49 0.00	25.78 0.58 -3.86	30.85 0.60 -8.93	29.09 0.58 -7.20	25.06 0.68 -0.11	24.10 0.54 0.00	24.46 0.48 0.00	26.16 0.56 0.00	26.33 0.57 0.00	27.52 0.60 0.13	30.43 0.72 0.21	32.44 0.79 -0.04	40.79 1.14 -1.70	38.68 1.19 -0.32	35.89 1.10 -0.26	30.76 0.84 -4.42	26.41 0.76 -2.61	24.91 0.55 -3.06	21.59 0.47 -0.70
GREENDGE_115KV_TB5 80291	21.45 0.21 0.00	19.23 0.23 0.00	18.56 0.18 0.00	16.36 0.02 -0.18	17.64 0.17 0.00	19.07 0.28 0.00	22.18 0.26 -0.58	24.64 0.34 -2.98	22.92 0.28 -1.32	24.86 0.58 0.00	24.19 0.64 0.00	24.87 0.89 0.00	26.45 0.84 0.00	26.54 0.77 0.00	27.97 0.92 0.00	30.88 0.96 0.00	32.56 0.95 0.00	38.87 0.91 0.00	37.84 0.67 0.00	35.17 0.66 0.00	27.47 0.61 -1.36	24.34 0.41 -0.89	21.93 0.17 -0.46	20.69 0.16 -0.11
GREENIDGE___3 23582	21.45 0.21 0.00	19.23 0.23 0.00	18.56 0.18 0.00	16.36 0.02 -0.18	17.64 0.17 0.00	19.07 0.28 0.00	22.18 0.26 -0.58	24.64 0.34 -2.98	22.92 0.28 -1.32	24.86 0.58 0.00	24.19 0.64 0.00	24.87 0.89 0.00	26.45 0.84 0.00	26.54 0.77 0.00	27.97 0.92 0.00	30.88 0.96 0.00	32.56 0.95 0.00	38.87 0.91 0.00	37.84 0.67 0.00	35.17 0.66 0.00	27.47 0.61 -1.36	24.34 0.41 -0.89	21.93 0.17 -0.46	20.69 0.16 -0.11
GREENIDGE___4 23583	21.45 0.21 0.00	19.23 0.23 0.00	18.56 0.18 0.00	16.36 0.02 -0.18	17.63 0.16 0.00	19.07 0.28 0.00	22.20 0.28 -0.58	24.64 0.34 -2.98	22.92 0.28 -1.32	24.85 0.58 0.00	24.19 0.64 0.00	24.87 0.89 0.00	26.52 0.92 0.00	26.59 0.82 0.00	28.02 0.97 0.00	30.94 1.02 0.00	32.49 0.88 0.00	38.94 0.99 0.00	37.91 0.74 0.00	35.24 0.73 0.00	27.49 0.64 -1.36	24.34 0.42 -0.89	21.91 0.15 -0.46	20.85 0.33 -0.11
GREENLWN_69_KV_BK 3 55738	24.32 1.93 -1.15	20.48 1.48 0.00	19.70 1.32 0.00	18.17 1.08 -0.93	18.89 1.42 -0.01	20.30 1.50 -0.01	26.94 2.11 -3.48	30.48 2.20 -6.96	30.54 2.20 -7.02	29.70 2.67 -2.76	29.51 2.28 -3.67	29.50 2.21 -3.31	29.57 2.48 -1.49	29.55 2.55 -1.23	29.55 2.38 -0.13	32.76 2.63 -0.21	34.50 2.78 -0.11	48.03 3.68 -6.39	49.05 3.46 -8.42	46.23 3.21 -8.50	38.86 2.47 -10.89	31.82 2.21 -6.57	28.44 2.11 -5.04	25.13 1.88 -2.83
GREENWD_138_KV_38B11_REV_LBMP_J 345004	22.83 1.59 0.00	20.35 1.35 0.00	19.66 1.29 0.00	18.15 1.07 -0.93	18.62 1.15 0.00	20.01 1.22 0.00	25.99 1.64 -3.00	30.00 1.73 -6.95	33.30 1.79 -10.19	33.32 2.18 -6.86	34.51 2.10 -8.86	33.34 2.01 -7.35	35.30 2.30 -7.39	34.84 2.37 -6.70	35.28 2.38 -5.85	34.35 2.57 -1.85	34.31 2.59 -0.11	45.12 3.34 -3.82	41.20 3.20 -0.83	38.28 3.07 -0.69	30.89 2.22 -3.17	27.07 2.00 -2.03	25.40 1.73 -2.38	22.46 1.49 -0.54
GRISSOM___SOLAR 323813	23.68 2.44 0.00	21.19 2.18 0.00	20.49 2.11 0.00	19.17 1.78 -1.24	19.53 2.06 0.00	21.03 2.24 0.00	28.21 2.86 -4.00	33.57 2.98 -9.27	31.49 2.71 -7.46	27.48 3.11 -0.10	26.31 2.75 0.00	26.78 2.80 0.00	28.54 2.94 0.00	28.63 2.86 0.00	29.99 3.06 0.11	33.33 3.59 0.18	35.73 4.08 -0.04	44.85 5.31 -1.58	42.97 5.50 -0.30	39.98 5.21 -0.25	34.52 4.00 -5.02	29.04 3.29 -2.70	27.05 2.58 -3.17	23.53 2.39 -0.72
GROVEVILLE___HYD 323602	22.57 1.34 0.00	20.14 1.14 0.00	19.44 1.07 0.00	17.98 0.89 -0.93	18.38 0.91 0.00	19.73 0.94 0.00	25.58 1.24 -3.00	29.53 1.26 -6.95	28.21 1.30 -5.59	26.11 1.60 -0.23	25.06 1.51 0.00	25.37 1.39 0.00	27.19 1.59 0.00	27.39 1.62 0.00	28.74 1.60 -0.10	31.91 1.83 -0.17	33.56 1.93 -0.02	44.03 2.70 -3.38	39.94 2.60 -0.17	37.22 2.55 -0.14	30.48 1.81 -3.18	26.70 1.64 -2.03	25.04 1.36 -2.38	22.17 1.20 -0.54
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	21.39 0.15 0.00	19.15 0.15 0.00	18.51 0.13 0.00	16.33 0.08 -0.09	17.59 0.12 0.00	18.94 0.15 0.00	21.84 0.21 -0.28	22.20 0.23 -0.65	22.05 0.21 -0.52	24.54 0.27 0.00	23.79 0.24 0.00	24.32 0.34 0.00	25.91 0.31 0.00	26.05 0.28 0.00	27.40 0.35 0.00	30.19 0.27 0.00	31.93 0.32 0.00	38.34 0.38 0.00	37.43 0.26 0.00	34.79 0.28 0.00	25.94 0.18 -0.26	23.44 0.21 -0.19	21.69 0.17 -0.22	20.70 0.22 -0.05
HAMLTNNY_34_KV_TB 80303	21.28 0.04 0.00	19.06 0.06 0.00	18.43 0.06 0.00	16.27 0.02 -0.09	17.50 0.03 0.00	18.87 0.08 0.00	21.72 0.09 -0.29	22.11 0.13 -0.67	21.96 0.11 -0.53	24.39 0.12 0.00	23.65 0.09 0.00	24.17 0.19 0.00	25.76 0.15 0.00	25.90 0.13 0.00	27.26 0.22 0.00	30.07 0.15 0.00	31.80 0.19 0.00	38.15 0.19 0.00	37.28 0.11 0.00	34.66 0.14 0.00	25.84 0.08 -0.27	23.33 0.09 -0.19	21.61 0.09 -0.23	20.60 0.12 -0.05
HAMPSHIRE___PAPER_HYD 323593	21.24 0.00 0.00	19.00 0.00 0.00	18.38 0.00 0.00	16.20 0.02 -0.02	17.49 0.02 0.00	18.83 0.04 0.00	21.44 0.02 -0.08	21.46 -0.04 -0.18	21.42 -0.04 -0.15	24.15 -0.12 0.00	23.53 -0.02 0.00	24.05 0.07 0.00	25.63 0.03 0.00	25.82 0.05 0.00	27.16 0.11 0.00	30.07 0.15 0.00	31.77 0.16 0.00	38.07 0.11 0.00	37.17 0.00 0.00	34.42 -0.10 0.00	25.34 -0.23 -0.07	22.93 -0.16 -0.05	21.17 -0.19 -0.06	20.15 -0.29 -0.01
HARDSCRABBLE_WT_PWR 323673	21.15 -0.08 0.00	18.93 -0.08 0.00	18.30 -0.07 0.00	16.10 -0.06 0.00	17.40 -0.07 0.00	18.72 -0.07 0.00	21.26 -0.09 0.00	21.21 -0.11 0.00	21.21 -0.11 0.00	24.18 -0.10 0.00	23.48 -0.07 0.00	23.96 -0.02 0.00	25.60 0.00 0.00	25.77 0.00 0.00	26.99 -0.05 0.00	29.80 -0.12 0.00	31.45 -0.16 0.00	37.73 -0.23 0.00	36.84 -0.34 0.00	34.17 -0.35 0.00	25.24 -0.25 0.00	22.83 -0.21 0.00	21.06 -0.23 0.00	20.18 -0.24 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	22.38 1.15 0.00	19.97 0.97 0.00	19.30 0.92 0.00	17.72 0.76 -0.80	18.24 0.77 0.00	19.62 0.83 0.00	25.08 1.13 -2.60	28.49 1.15 -6.02	27.26 1.17 -4.76	26.05 1.48 -0.30	24.94 1.39 0.00	25.27 1.29 0.00	27.09 1.48 0.00	27.29 1.52 0.00	28.63 1.49 -0.10	31.76 1.68 -0.16	33.29 1.80 0.13	44.01 2.51 -3.54	38.57 2.34 0.95	36.04 2.31 0.79	29.88 1.63 -2.75	26.27 1.47 -1.76	24.60 1.24 -2.06	21.97 1.08 -0.47

HARSNRAD_115KV_TB1 81005	20.58 -0.66 0.00	18.56 -0.44 0.00	17.86 -0.51 0.00	15.74 -0.57 -0.14	17.00 -0.47 0.00	18.43 -0.36 0.00	21.09 -0.70 -0.45	20.19 -0.92 0.21	21.03 -0.96 -0.67	23.45 -0.83 0.00	23.08 -0.47 0.00	23.84 -0.14 0.00	25.19 -0.41 0.00	25.25 -0.52 0.00	26.64 -0.41 0.00	29.32 -0.60 0.00	30.85 -0.76 0.00	36.59 -1.37 0.00	35.57 -1.60 0.00	33.21 -1.31 0.00	24.48 -0.94 0.07	22.21 -0.78 0.05	20.98 -0.68 -0.36	19.93 -0.57 -0.08
HARZA MOOSE__RIVER 24016	21.62 0.38 0.00	19.32 0.32 0.00	18.71 0.33 0.00	16.45 0.26 -0.03	17.78 0.31 0.00	19.15 0.36 0.00	21.90 0.45 -0.11	21.91 0.34 -0.25	21.89 0.36 -0.20	24.66 0.39 0.00	23.91 0.35 0.00	24.46 0.48 0.00	26.09 0.49 0.00	26.26 0.49 0.00	27.59 0.54 0.00	30.49 0.57 0.00	32.27 0.66 0.00	38.79 0.84 0.00	38.03 0.85 0.00	35.28 0.76 0.00	25.96 0.36 -0.10	23.44 0.32 -0.07	21.53 0.15 -0.09	20.52 0.08 -0.02
HDSNBRDG_115KV_BRDG_TB1 355580	21.24 0.00 0.00	19.02 0.02 0.00	18.38 0.00 0.00	16.23 -0.02 -0.09	17.47 0.00 0.00	18.81 0.02 0.00	21.67 0.04 -0.28	22.04 0.06 -0.66	21.89 0.04 -0.53	24.32 0.05 0.00	23.60 0.05 0.00	24.10 0.12 0.00	25.68 0.08 0.00	25.79 0.03 0.00	27.10 0.05 0.00	29.89 -0.03 0.00	31.61 0.00 0.00	37.96 0.00 0.00	37.10 -0.07 0.00	34.45 -0.07 0.00	25.73 -0.03 -0.26	23.25 0.02 -0.19	21.54 0.02 -0.22	20.54 0.06 -0.05
HELLGATE_13_KV_LD 55870	22.74 1.51 0.00	20.27 1.27 0.00	19.61 1.23 0.00	18.11 1.02 -0.93	18.55 1.08 0.00	19.96 1.17 0.00	25.95 1.60 -3.00	29.96 1.68 -6.95	33.24 1.73 -10.19	33.22 2.09 -6.86	34.42 2.00 -8.86	33.22 1.89 -7.35	35.17 2.18 -7.39	34.71 2.24 -6.70	35.15 2.24 -5.85	34.20 2.42 -1.85	34.19 2.47 -0.11	44.93 3.15 -3.82	41.01 3.01 -0.83	38.15 2.93 -0.69	30.79 2.12 -3.17	27.00 1.94 -2.03	25.32 1.64 -2.38	22.37 1.41 -0.54
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	22.74 1.51 0.00	20.27 1.27 0.00	19.61 1.23 0.00	18.11 1.02 -0.93	18.55 1.08 0.00	19.96 1.17 0.00	25.95 1.60 -3.00	29.96 1.68 -6.95	33.24 1.73 -10.19	33.22 2.09 -6.86	34.42 2.00 -8.86	33.22 1.89 -7.35	35.17 2.18 -7.39	34.71 2.24 -6.70	35.15 2.24 -5.85	34.20 2.42 -1.85	34.19 2.47 -0.11	44.93 3.15 -3.82	41.01 3.01 -0.83	38.15 2.93 -0.69	30.79 2.12 -3.17	27.00 1.94 -2.03	25.32 1.64 -2.38	22.37 1.41 -0.54
HEMPSTEAD____ 23647	24.13 1.74 -1.15	20.41 1.41 0.00	19.64 1.27 0.00	18.12 1.04 -0.93	18.76 1.29 0.00	20.15 1.35 0.00	26.63 1.81 -3.48	30.17 1.88 -6.97	30.24 1.90 -7.02	29.36 2.33 -2.76	29.39 2.17 -3.67	29.37 2.09 -3.31	29.39 2.31 -1.49	29.34 2.34 -1.22	29.50 2.33 -0.13	32.61 2.48 -0.21	34.45 2.72 -0.12	47.88 3.53 -6.39	48.95 3.35 -8.43	46.20 3.17 -8.51	39.33 2.30 -11.54	31.76 2.14 -6.57	28.21 1.87 -5.03	24.99 1.73 -2.83
HEWLETT__69_KV_BK3 55828	24.32 1.93 -1.15	20.56 1.56 0.00	19.79 1.42 0.00	18.24 1.15 -0.93	18.87 1.40 0.00	20.29 1.50 0.00	26.82 2.01 -3.47	30.32 2.05 -6.96	30.43 2.09 -7.02	29.53 2.50 -2.76	29.58 2.36 -3.67	29.57 2.28 -3.31	29.62 2.53 -1.48	29.59 2.60 -1.22	29.80 2.62 -0.13	32.97 2.84 -0.21	34.76 3.03 -0.11	48.22 3.87 -6.39	49.32 3.72 -8.43	46.55 3.52 -8.51	39.59 2.55 -11.54	31.92 2.30 -6.57	28.37 2.04 -5.03	25.07 1.82 -2.83
HICKLING__1 23621	21.55 0.32 0.00	19.36 0.36 0.00	18.67 0.29 0.00	16.36 -0.03 -0.23	17.75 0.28 0.00	19.17 0.38 0.00	22.27 0.17 -0.76	23.85 0.23 -2.30	22.96 0.15 -1.49	24.95 0.68 0.00	24.36 0.80 0.00	25.06 1.08 0.00	26.63 1.02 0.00	26.75 0.98 0.00	28.18 1.14 0.00	31.06 1.14 0.00	32.91 1.30 0.00	39.33 1.37 0.00	38.14 0.97 0.00	35.52 1.00 0.00	27.23 0.69 -1.05	24.13 0.41 -0.68	22.00 0.11 -0.60	20.64 0.08 -0.14
HICKLING__2 23622	21.55 0.32 0.00	19.36 0.36 0.00	18.67 0.29 0.00	16.36 -0.03 -0.23	17.75 0.28 0.00	19.17 0.38 0.00	22.27 0.17 -0.76	23.85 0.23 -2.30	22.96 0.15 -1.49	24.95 0.68 0.00	24.36 0.80 0.00	25.06 1.08 0.00	26.63 1.02 0.00	26.75 0.98 0.00	28.18 1.14 0.00	31.06 1.14 0.00	32.91 1.30 0.00	39.33 1.37 0.00	38.14 0.97 0.00	35.52 1.00 0.00	27.23 0.69 -1.05	24.13 0.41 -0.68	22.00 0.11 -0.60	20.64 0.08 -0.14
HIGH FALLS__HY 23754	22.32 1.08 0.00	19.91 0.91 0.00	19.24 0.86 0.00	17.78 0.69 -0.93	18.15 0.68 0.00	19.49 0.70 0.00	25.33 0.98 -3.01	29.26 0.98 -6.96	27.93 1.00 -5.61	25.66 1.26 -0.13	24.76 1.20 0.00	25.08 1.10 0.00	26.88 1.28 0.00	27.11 1.34 0.00	28.41 1.33 -0.04	31.48 1.50 -0.06	33.25 1.64 0.00	41.99 2.28 -1.76	39.36 2.19 0.00	36.73 2.21 0.00	30.19 1.48 -3.21	26.41 1.34 -2.03	24.81 1.13 -2.38	21.95 0.98 -0.54
HILLBURN__GT 23639	22.38 1.15 0.00	19.97 0.97 0.00	19.28 0.90 0.00	17.75 0.76 -0.83	18.27 0.80 0.00	19.66 0.86 0.00	25.23 1.22 -2.67	28.75 1.24 -6.19	27.47 1.26 -4.89	26.20 1.60 -0.33	25.04 1.48 0.00	25.39 1.41 0.00	27.16 1.56 0.00	27.40 1.62 0.00	28.77 1.62 -0.10	31.86 1.76 -0.17	33.34 1.86 0.14	44.48 2.58 -3.93	38.52 2.38 1.03	35.97 2.31 0.86	29.95 1.63 -2.82	26.34 1.50 -1.81	24.67 1.26 -2.12	22.05 1.14 -0.48
HILLSIDE_115KV_TB1 80332	21.26 0.02 0.00	19.10 0.10 0.00	18.41 0.04 0.00	16.14 -0.26 -0.24	17.50 0.03 0.00	18.90 0.11 0.00	21.97 -0.15 -0.78	23.43 -0.11 -2.22	22.64 -0.19 -1.52	24.56 0.29 0.00	23.96 0.40 0.00	24.63 0.65 0.00	26.16 0.56 0.00	26.28 0.52 0.00	27.67 0.62 0.00	30.52 0.60 0.00	32.34 0.73 0.00	38.68 0.72 0.00	37.51 0.33 0.00	34.97 0.45 0.00	26.81 0.31 -1.01	23.76 0.07 -0.65	21.73 -0.19 -0.62	20.36 -0.20 -0.14
HISHELDN_WT_PWR 323625	20.83 -0.40 0.00	18.75 -0.25 0.00	18.08 -0.29 0.00	15.75 -0.58 -0.17	17.16 -0.31 0.00	18.60 -0.19 0.00	21.26 -0.62 -0.54	18.31 -0.77 2.24	20.98 -0.83 -0.49	23.86 -0.41 0.00	23.48 -0.07 0.00	24.22 0.24 0.00	25.83 0.23 0.00	25.82 0.05 0.00	27.18 0.14 0.00	29.95 0.03 0.00	31.55 -0.06 0.00	37.54 -0.42 0.00	36.43 -0.74 0.00	33.97 -0.55 0.00	23.95 -0.51 1.03	21.77 -0.60 0.67	21.02 -0.70 -0.43	20.34 -0.18 -0.10
HOLTSVILLE_IC_1 23690	24.86 2.46 -1.16	21.00 1.99 0.00	20.21 1.84 0.00	18.66 1.57 -0.93	19.40 1.92 -0.01	20.83 2.03 -0.01	27.41 2.58 -3.48	30.92 2.62 -6.98	30.97 2.62 -7.03	30.22 3.18 -2.77	30.15 2.92 -3.68	30.17 2.88 -3.32	30.24 3.15 -1.49	30.19 3.19 -1.23	30.41 3.22 -0.14	33.61 3.47 -0.22	35.51 3.76 -0.14	49.11 4.74 -6.40	50.11 4.46 -8.48	47.29 4.24 -8.52	43.03 3.03 -14.50	32.48 2.86 -6.59	28.98 2.64 -5.04	25.71 2.45 -2.84
HOLTSVILLE_IC_10 23699	25.03 2.63 -1.16	21.15 2.15 0.00	20.34 1.97 0.00	18.75 1.66 -0.93	19.54 2.06 -0.01	20.98 2.18 -0.01	27.58 2.75 -3.48	31.11 2.81 -6.98	31.14 2.79 -7.03	30.44 3.40 -2.77	30.37 3.13 -3.68	30.39 3.09 -3.32	30.47 3.38 -1.49	30.43 3.43 -1.23	30.66 3.46 -0.15	33.89 3.74 -0.23	35.80 4.05 -0.14	49.45 5.09 -6.40	50.49 4.83 -8.49	47.60 4.56 -8.52	43.51 3.29 -14.72	32.69 3.06 -6.59	29.15 2.81 -5.04	25.87 2.61 -2.83

HOLTSVILLE_IC_2 23691	24.86 2.46 -1.16	21.00 1.99 0.00	20.21 1.84 0.00	18.66 1.57 -0.93	19.40 1.92 -0.01	20.83 2.03 -0.01	27.41 2.58 -3.48	30.92 2.62 -6.98	30.97 2.62 -7.03	30.22 3.18 -2.77	30.15 2.92 -3.68	30.17 2.88 -3.32	30.24 3.15 -1.49	30.19 3.19 -1.23	30.41 3.22 -0.14	33.61 3.47 -0.22	35.51 3.76 -0.14	49.11 4.74 -6.40	50.11 4.46 -8.48	47.29 4.24 -8.52	43.03 3.03 -14.50	32.48 2.86 -6.59	28.98 2.64 -5.04	25.71 2.45 -2.84
HOLTSVILLE_IC_3 23692	24.86 2.46 -1.16	21.00 1.99 0.00	20.21 1.84 0.00	18.66 1.57 -0.93	19.40 1.92 -0.01	20.83 2.03 -0.01	27.41 2.58 -3.48	30.92 2.62 -6.98	30.97 2.62 -7.03	30.22 3.18 -2.77	30.15 2.92 -3.68	30.17 2.88 -3.32	30.24 3.15 -1.49	30.19 3.19 -1.23	30.41 3.22 -0.14	33.61 3.47 -0.22	35.51 3.76 -0.14	49.11 4.74 -6.40	50.11 4.46 -8.48	47.29 4.24 -8.52	43.03 3.03 -14.50	32.48 2.86 -6.59	28.98 2.64 -5.04	25.71 2.45 -2.84
HOLTSVILLE_IC_4 23693	24.86 2.46 -1.16	21.00 1.99 0.00	20.21 1.84 0.00	18.66 1.57 -0.93	19.40 1.92 -0.01	20.83 2.03 -0.01	27.41 2.58 -3.48	30.92 2.62 -6.98	30.97 2.62 -7.03	30.22 3.18 -2.77	30.15 2.92 -3.68	30.17 2.88 -3.32	30.24 3.15 -1.49	30.19 3.19 -1.23	30.41 3.22 -0.14	33.61 3.47 -0.22	35.51 3.76 -0.14	49.11 4.74 -6.40	50.11 4.46 -8.48	47.29 4.24 -8.52	43.03 3.03 -14.50	32.48 2.86 -6.59	28.98 2.64 -5.04	25.71 2.45 -2.84
HOLTSVILLE_IC_5 23694	24.86 2.46 -1.16	21.00 1.99 0.00	20.21 1.84 0.00	18.66 1.57 -0.93	19.40 1.92 -0.01	20.83 2.03 -0.01	27.41 2.58 -3.48	30.92 2.62 -6.98	30.97 2.62 -7.03	30.22 3.18 -2.77	30.15 2.92 -3.68	30.17 2.88 -3.32	30.24 3.15 -1.49	30.19 3.19 -1.23	30.41 3.22 -0.14	33.61 3.47 -0.22	35.51 3.76 -0.14	49.11 4.74 -6.40	50.11 4.46 -8.48	47.29 4.24 -8.52	43.03 3.03 -14.50	32.48 2.86 -6.59	28.98 2.64 -5.04	25.71 2.45 -2.84
HOLTSVILLE_IC_6 23695	25.03 2.63 -1.16	21.15 2.15 0.00	20.34 1.97 0.00	18.75 1.66 -0.93	19.54 2.06 -0.01	20.98 2.18 -0.01	27.58 2.75 -3.48	31.11 2.81 -6.98	31.14 2.79 -7.03	30.44 3.40 -2.77	30.37 3.13 -3.68	30.39 3.09 -3.32	30.47 3.38 -1.49	30.43 3.43 -1.23	30.66 3.46 -0.15	33.89 3.74 -0.23	35.80 4.05 -0.14	49.45 5.09 -6.40	50.49 4.83 -8.49	47.60 4.56 -8.52	43.51 3.29 -14.72	32.69 3.06 -6.59	29.15 2.81 -5.04	25.87 2.61 -2.83
HOLTSVILLE_IC_7 23696	25.03 2.63 -1.16	21.15 2.15 0.00	20.34 1.97 0.00	18.75 1.66 -0.93	19.54 2.06 -0.01	20.98 2.18 -0.01	27.58 2.75 -3.48	31.11 2.81 -6.98	31.14 2.79 -7.03	30.44 3.40 -2.77	30.37 3.13 -3.68	30.39 3.09 -3.32	30.47 3.38 -1.49	30.43 3.43 -1.23	30.66 3.46 -0.15	33.89 3.74 -0.23	35.80 4.05 -0.14	49.45 5.09 -6.40	50.49 4.83 -8.49	47.60 4.56 -8.52	43.51 3.29 -14.72	32.69 3.06 -6.59	29.15 2.81 -5.04	25.87 2.61 -2.83
HOLTSVILLE_IC_8 23697	25.03 2.63 -1.16	21.15 2.15 0.00	20.34 1.97 0.00	18.75 1.66 -0.93	19.54 2.06 -0.01	20.98 2.18 -0.01	27.58 2.75 -3.48	31.11 2.81 -6.98	31.14 2.79 -7.03	30.44 3.40 -2.77	30.37 3.13 -3.68	30.39 3.09 -3.32	30.47 3.38 -1.49	30.43 3.43 -1.23	30.66 3.46 -0.15	33.89 3.74 -0.23	35.80 4.05 -0.14	49.45 5.09 -6.40	50.49 4.83 -8.49	47.60 4.56 -8.52	43.51 3.29 -14.72	32.69 3.06 -6.59	29.15 2.81 -5.04	25.87 2.61 -2.83
HOLTSVILLE_IC_9 23698	25.03 2.63 -1.16	21.15 2.15 0.00	20.34 1.97 0.00	18.75 1.66 -0.93	19.54 2.06 -0.01	20.98 2.18 -0.01	27.58 2.75 -3.48	31.11 2.81 -6.98	31.14 2.79 -7.03	30.44 3.40 -2.77	30.37 3.13 -3.68	30.39 3.09 -3.32	30.47 3.38 -1.49	30.43 3.43 -1.23	30.66 3.46 -0.15	33.89 3.74 -0.23	35.80 4.05 -0.14	49.45 5.09 -6.40	50.49 4.83 -8.49	47.60 4.56 -8.52	43.51 3.29 -14.72	32.69 3.06 -6.59	29.15 2.81 -5.04	25.87 2.61 -2.83
HOMER_HL_115KV_TB2 355744	21.26 0.02 0.00	19.17 0.17 0.00	18.43 0.06 0.00	15.36 -0.97 -0.17	17.54 0.07 0.00	19.04 0.24 0.00	20.78 -1.11 -0.55	20.88 -1.13 -0.69	21.02 -1.24 -0.94	24.44 0.17 0.00	24.10 0.54 0.00	24.89 0.91 0.00	26.32 0.72 0.00	26.44 0.67 0.00	27.89 0.84 0.00	30.67 0.75 0.00	32.50 0.89 0.00	38.57 0.61 0.00	37.25 0.07 0.00	34.83 0.31 0.00	25.97 0.15 -0.32	22.74 -0.51 -0.21	20.67 -1.06 -0.44	19.42 -1.10 -0.10
HOWARD_WT_PWR 323690	21.47 0.23 0.00	19.29 0.29 0.00	18.62 0.24 0.00	16.21 -0.15 -0.19	17.66 0.19 0.00	19.15 0.36 0.00	22.03 0.06 -0.62	26.24 0.04 -4.88	22.97 -0.02 -1.67	24.85 0.58 0.00	24.36 0.80 0.00	25.15 1.17 0.00	26.81 1.20 0.00	26.83 1.06 0.00	28.26 1.22 0.00	31.15 1.23 0.00	32.94 1.33 0.00	39.32 1.36 0.00	38.17 1.00 0.00	35.48 0.97 0.00	28.22 0.48 -2.24	24.68 0.18 -1.46	21.62 -0.17 -0.49	20.86 0.33 -0.11
HQ_GEN_CEDARS 23644	20.85 -0.38 0.00	18.66 -0.34 0.00	18.05 -0.33 0.00	15.92 -0.24 0.00	17.17 -0.30 0.00	18.49 -0.30 0.00	20.89 -0.45 0.00	20.87 -0.45 0.00	20.87 -0.45 0.00	23.71 -0.56 0.00	23.13 -0.42 0.00	23.60 -0.38 0.00	25.14 -0.46 0.00	25.36 -0.41 0.00	26.64 -0.41 0.00	29.56 -0.36 0.00	31.20 -0.41 0.00	37.31 -0.65 0.00	36.50 -0.67 0.00	33.79 -0.72 0.00	24.94 -0.56 0.00	22.53 -0.51 0.00	20.83 -0.47 0.00	19.95 -0.47 0.00
HQ_GEN_CEDARS_PROXY 323590	20.83 -0.40 0.00	18.66 -0.34 0.00	18.05 -0.33 0.00	15.92 -0.24 0.00	17.17 -0.30 0.00	18.49 -0.30 0.00	20.87 -0.47 0.00	20.87 -0.45 0.00	20.89 -0.43 0.00	23.72 -0.56 0.00	23.13 -0.42 0.00	23.60 -0.38 0.00	25.14 -0.46 0.00	25.36 -0.41 0.00	26.64 -0.40 0.00	29.56 -0.36 0.00	31.20 -0.41 0.00	37.28 -0.68 0.00	36.46 -0.71 0.00	33.76 -0.76 0.00	24.91 -0.59 0.00	22.51 -0.53 0.00	20.83 -0.47 0.00	19.91 -0.51 0.00
HQ_GEN_IMPORT 323601	20.98 -0.25 0.00	18.77 -0.23 0.00	18.16 -0.22 0.00	15.98 -0.18 0.00	17.26 -0.21 0.00	18.57 -0.22 0.00	21.00 -0.34 0.00	21.00 -0.32 0.00	21.00 -0.32 0.00	23.88 -0.39 0.00	23.23 -0.33 0.00	23.64 -0.34 0.00	25.22 -0.38 0.00	25.41 -0.36 0.00	26.69 -0.35 0.00	29.56 -0.36 0.00	31.20 -0.41 0.00	37.35 -0.61 0.00	36.65 -0.52 0.00	34.00 -0.52 0.00	25.09 -0.41 0.00	22.67 -0.37 0.00	21.00 -0.30 0.00	20.14 -0.29 0.00
HQ_GEN_WHEEL 23651	20.98 -0.25 0.00	18.77 -0.23 0.00	18.16 -0.22 0.00	15.98 -0.18 0.00	17.26 -0.21 0.00	18.57 -0.22 0.00	21.00 -0.34 0.00	21.00 -0.32 0.00	21.00 -0.32 0.00	23.88 -0.39 0.00	23.23 -0.33 0.00	23.64 -0.34 0.00	25.22 -0.38 0.00	25.41 -0.36 0.00	26.69 -0.35 0.00	29.56 -0.36 0.00	31.20 -0.41 0.00	37.35 -0.61 0.00	36.65 -0.52 0.00	34.00 -0.52 0.00	25.09 -0.41 0.00	22.67 -0.37 0.00	21.00 -0.30 0.00	20.14 -0.29 0.00
HUDSON_AVE_GT_3 23810	22.70 1.47 0.00	20.24 1.24 0.00	19.57 1.19 0.00	18.06 0.97 -0.93	18.50 1.03 0.00	19.90 1.11 0.00	25.90 1.56 -3.00	29.91 1.64 -6.95	28.67 1.71 -5.64	26.62 2.06 -0.28	25.60 1.98 -0.07	25.91 1.87 -0.06	27.78 2.15 -0.03	28.01 2.22 -0.03	29.39 2.22 -0.13	32.52 2.39 -0.21	34.12 2.40 -0.11	45.00 3.23 -3.82	41.09 3.09 -0.83	38.11 2.90 -0.69	30.74 2.07 -3.17	26.96 1.89 -2.03	25.28 1.60 -2.38	22.31 1.35 -0.54

HUDSON AVE_GT_4 23540	22.70 1.47 0.00	20.24 1.24 0.00	19.57 1.19 0.00	18.06 0.97 -0.93	18.50 1.03 0.00	19.90 1.11 0.00	25.90 1.56 -3.00	29.91 1.64 -6.95	28.67 1.71 -5.64	26.62 2.06 -0.28	25.60 1.98 -0.07	25.91 1.87 -0.06	27.78 2.15 -0.03	28.01 2.22 -0.03	29.39 2.22 -0.13	32.52 2.39 -0.21	34.12 2.40 -0.11	45.00 3.23 -3.82	41.09 3.09 -0.83	38.11 2.90 -0.69	30.74 2.07 -3.17	26.96 1.89 -2.03	25.28 1.60 -2.38	22.31 1.35 -0.54
HUDSON AVE_GT_5 23657	22.70 1.47 0.00	20.24 1.24 0.00	19.57 1.19 0.00	18.06 0.97 -0.93	18.50 1.03 0.00	19.90 1.11 0.00	25.90 1.56 -3.00	29.91 1.64 -6.95	28.67 1.71 -5.64	26.62 2.06 -0.28	25.60 1.98 -0.07	25.91 1.87 -0.06	27.78 2.15 -0.03	28.01 2.22 -0.03	29.39 2.22 -0.13	32.52 2.39 -0.21	34.12 2.40 -0.11	45.00 3.23 -3.82	41.09 3.09 -0.83	38.11 2.90 -0.69	30.74 2.07 -3.17	26.96 1.89 -2.03	25.28 1.60 -2.38	22.31 1.35 -0.54
HUDSON_AVE_10 24168	22.66 1.42 0.00	20.18 1.18 0.00	19.53 1.16 0.00	18.01 0.92 -0.93	18.45 0.98 0.00	19.86 1.07 0.00	25.88 1.54 -3.00	29.89 1.62 -6.95	28.63 1.66 -5.64	26.57 2.01 -0.28	25.51 1.88 -0.07	25.84 1.80 -0.06	27.70 2.07 -0.03	27.93 2.14 -0.03	29.31 2.14 -0.13	32.40 2.27 -0.21	34.03 2.31 -0.11	44.89 3.11 -3.82	40.98 2.97 -0.83	38.01 2.80 -0.69	30.68 2.01 -3.17	26.89 1.82 -2.03	25.26 1.58 -2.38	22.27 1.31 -0.54
HUDSON___115KV_TB 4 355613	22.15 0.91 0.00	19.82 0.82 0.00	19.19 0.81 0.00	18.05 0.73 -1.16	18.24 0.77 0.00	19.56 0.77 0.00	26.02 0.92 -3.76	30.94 0.92 -8.70	29.18 0.85 -7.01	25.38 1.00 -0.11	24.40 0.85 0.00	24.75 0.77 0.00	26.45 0.84 0.00	26.59 0.82 0.00	27.90 0.95 0.09	30.94 1.17 0.15	32.98 1.33 -0.04	41.60 1.90 -1.74	39.50 2.04 -0.28	36.72 1.97 -0.24	31.08 1.35 -4.23	26.80 1.22 -2.54	25.19 0.92 -2.98	21.94 0.84 -0.68
HUNTER MOUNT___DRP 323613	22.26 1.02 0.00	19.89 0.89 0.00	19.26 0.88 0.00	18.08 0.79 -1.12	18.27 0.80 0.00	19.58 0.79 0.00	25.88 0.90 -3.64	30.63 0.87 -8.43	28.92 0.81 -6.79	25.34 0.95 -0.12	24.36 0.80 0.00	24.70 0.72 0.00	26.37 0.77 0.00	26.49 0.72 0.00	27.90 0.92 0.06	31.01 1.20 0.10	33.00 1.36 -0.03	41.78 2.01 -1.81	39.62 2.19 -0.25	36.94 2.21 -0.21	30.95 1.40 -4.06	26.79 1.29 -2.46	25.15 0.96 -2.89	22.00 0.92 -0.66
HUNTINGTON_RES_REC 323705	24.66 2.27 -1.16	20.79 1.79 0.00	19.99 1.62 0.00	18.45 1.36 -0.93	19.22 1.75 -0.01	20.62 1.82 -0.01	27.26 2.43 -3.48	30.79 2.49 -6.97	30.84 2.49 -7.02	30.09 3.06 -2.76	29.92 2.68 -3.68	29.93 2.64 -3.31	29.98 2.89 -1.49	29.96 2.96 -1.23	30.00 2.84 -0.12	33.20 3.08 -0.20	35.13 3.41 -0.11	48.74 4.40 -6.38	49.72 4.16 -8.39	46.88 3.87 -8.50	37.73 2.88 -9.35	32.23 2.63 -6.56	28.81 2.47 -5.04	25.54 2.29 -2.83
HUNTLEY___63 23557	20.71 -0.53 0.00	18.66 -0.34 0.00	17.97 -0.40 0.00	15.77 -0.53 -0.15	17.14 -0.33 0.00	18.55 -0.24 0.00	21.15 -0.66 -0.47	20.37 -0.70 0.24	21.11 -0.90 -0.69	23.59 -0.68 0.00	23.27 -0.28 0.00	24.05 0.07 0.00	25.40 -0.20 0.00	25.49 -0.28 0.00	26.88 -0.16 0.00	29.59 -0.33 0.00	31.14 -0.47 0.00	36.86 -1.10 0.00	35.83 -1.34 0.00	33.45 -1.07 0.00	24.63 -0.76 0.10	22.33 -0.65 0.06	21.08 -0.60 -0.37	19.98 -0.53 -0.08
HUNTLEY___64 23558	20.71 -0.53 0.00	18.66 -0.34 0.00	17.97 -0.40 0.00	15.77 -0.53 -0.15	17.14 -0.33 0.00	18.55 -0.24 0.00	21.15 -0.66 -0.47	20.37 -0.70 0.24	21.11 -0.90 -0.69	23.59 -0.68 0.00	23.27 -0.28 0.00	24.05 0.07 0.00	25.40 -0.20 0.00	25.49 -0.28 0.00	26.88 -0.16 0.00	29.59 -0.33 0.00	31.14 -0.47 0.00	36.86 -1.10 0.00	35.83 -1.34 0.00	33.45 -1.07 0.00	24.63 -0.76 0.10	22.33 -0.65 0.06	21.08 -0.60 -0.37	19.98 -0.53 -0.08
HUNTLEY___65 23559	20.71 -0.53 0.00	18.66 -0.34 0.00	17.97 -0.40 0.00	15.77 -0.53 -0.15	17.14 -0.33 0.00	18.55 -0.24 0.00	21.15 -0.66 -0.47	20.37 -0.70 0.24	21.11 -0.90 -0.69	23.59 -0.68 0.00	23.27 -0.28 0.00	24.05 0.07 0.00	25.40 -0.20 0.00	25.49 -0.28 0.00	26.88 -0.16 0.00	29.59 -0.33 0.00	31.14 -0.47 0.00	36.86 -1.10 0.00	35.83 -1.34 0.00	33.45 -1.07 0.00	24.63 -0.76 0.10	22.33 -0.65 0.06	21.08 -0.60 -0.37	19.98 -0.53 -0.08
HUNTLEY___66 23560	20.71 -0.53 0.00	18.66 -0.34 0.00	17.97 -0.40 0.00	15.77 -0.53 -0.15	17.14 -0.33 0.00	18.55 -0.24 0.00	21.15 -0.66 -0.47	20.37 -0.70 0.24	21.11 -0.90 -0.69	23.59 -0.68 0.00	23.27 -0.28 0.00	24.05 0.07 0.00	25.40 -0.20 0.00	25.49 -0.28 0.00	26.88 -0.16 0.00	29.59 -0.33 0.00	31.14 -0.47 0.00	36.86 -1.10 0.00	35.83 -1.34 0.00	33.45 -1.07 0.00	24.63 -0.76 0.10	22.33 -0.65 0.06	21.08 -0.60 -0.37	19.98 -0.53 -0.08
HUNTLEY___67 23561	20.62 -0.62 0.00	18.58 -0.42 0.00	17.90 -0.48 0.00	15.68 -0.63 -0.15	17.05 -0.42 0.00	18.45 -0.34 0.00	21.08 -0.75 -0.48	20.01 -0.92 0.39	21.00 -1.00 -0.68	23.50 -0.78 0.00	23.15 -0.40 0.00	23.91 -0.07 0.00	25.27 -0.33 0.00	25.33 -0.44 0.00	26.72 -0.32 0.00	29.38 -0.54 0.00	30.95 -0.66 0.00	36.71 -1.25 0.00	35.68 -1.49 0.00	33.28 -1.24 0.00	24.45 -0.87 0.18	22.14 -0.78 0.11	20.96 -0.72 -0.38	19.90 -0.61 -0.09
HUNTLEY___68 23562	20.62 -0.62 0.00	18.58 -0.42 0.00	17.90 -0.48 0.00	15.68 -0.63 -0.15	17.05 -0.42 0.00	18.45 -0.34 0.00	21.08 -0.75 -0.48	20.01 -0.92 0.39	21.00 -1.00 -0.68	23.50 -0.78 0.00	23.15 -0.40 0.00	23.91 -0.07 0.00	25.27 -0.33 0.00	25.33 -0.44 0.00	26.72 -0.32 0.00	29.38 -0.54 0.00	30.95 -0.66 0.00	36.71 -1.25 0.00	35.68 -1.49 0.00	33.28 -1.24 0.00	24.45 -0.87 0.18	22.14 -0.78 0.11	20.96 -0.72 -0.38	19.90 -0.61 -0.09
HYLAND___LFGE 323620	22.26 1.02 0.00	19.89 0.89 0.00	19.22 0.85 0.00	16.92 0.60 -0.16	18.24 0.77 0.00	19.80 1.01 0.00	22.83 0.98 -0.51	27.46 1.07 -5.08	23.76 0.92 -1.52	25.37 1.09 0.00	24.71 1.15 0.00	25.39 1.41 0.00	27.09 1.48 0.00	27.01 1.24 0.00	28.45 1.41 0.00	31.57 1.64 0.00	33.60 1.99 0.00	40.54 2.58 0.00	39.81 2.64 0.00	37.14 2.62 0.00	29.56 1.73 -2.33	25.96 1.41 -1.52	22.70 1.00 -0.40	21.56 1.04 -0.09
INDECK___CORINTH 23802	22.38 1.15 0.00	19.97 0.97 0.00	19.30 0.92 0.00	18.16 0.78 -1.23	18.38 0.91 0.00	19.75 0.96 0.00	26.55 1.24 -3.97	31.84 1.32 -9.20	29.96 1.24 -7.41	25.83 1.46 -0.10	24.85 1.29 0.00	25.30 1.32 0.00	26.73 1.13 0.00	26.80 1.03 0.00	27.96 1.05 0.14	30.99 1.29 0.22	32.92 1.27 -0.04	41.44 1.86 -1.62	39.78 2.31 -0.31	36.95 2.18 -0.26	32.28 1.86 -4.92	27.24 1.52 -2.68	25.62 1.17 -3.15	22.20 1.06 -0.72
INDECK___ILION 23567	21.26 0.02 0.00	19.00 0.00 0.00	18.40 0.02 0.00	16.18 0.02 0.00	17.49 0.02 0.00	18.81 0.02 0.00	21.36 0.02 0.00	21.34 0.02 0.00	21.34 0.02 0.00	24.32 0.05 0.00	23.60 0.05 0.00	24.05 0.07 0.00	25.68 0.08 0.00	25.87 0.10 0.00	27.10 0.05 0.00	29.98 0.06 0.00	31.64 0.03 0.00	38.03 0.08 0.00	37.21 0.04 0.00	34.52 0.00 0.00	25.50 0.00 0.00	23.04 0.00 0.00	21.28 -0.02 0.00	20.36 -0.06 0.00



INDECK___OLEAN 23982	21.26 0.02 0.00	19.17 0.17 0.00	18.47 0.09 0.00	15.36 -0.97 -0.17	17.52 0.05 0.00	19.03 0.24 0.00	20.80 -1.09 -0.55	20.88 -1.13 -0.69	21.00 -1.26 -0.94	24.44 0.17 0.00	24.10 0.54 0.00	24.89 0.91 0.00	26.47 0.87 0.00	26.54 0.77 0.00	27.94 0.89 0.00	30.76 0.84 0.00	32.56 0.95 0.00	38.68 0.72 0.00	37.47 0.30 0.00	34.90 0.38 0.00	25.84 0.03 -0.32	22.63 -0.62 -0.21	20.65 -1.09 -0.44	20.85 0.33 -0.10
INDECK___OSWEGO 23783	21.73 0.49 0.00	19.44 0.44 0.00	18.80 0.42 0.00	16.56 0.32 -0.08	17.85 0.38 0.00	19.22 0.43 0.00	22.19 0.60 -0.25	22.54 0.64 -0.58	22.40 0.62 -0.46	25.00 0.73 0.00	24.26 0.71 0.00	24.87 0.89 0.00	26.52 0.92 0.00	26.62 0.85 0.00	28.02 0.97 0.00	30.43 0.51 0.00	32.24 0.63 0.00	38.68 0.72 0.00	37.80 0.63 0.00	35.17 0.65 0.00	26.16 0.43 -0.23	23.92 0.71 -0.17	22.03 0.53 -0.20	21.02 0.55 -0.05
INDECK___YERKES 23781	20.73 -0.51 0.00	18.68 -0.32 0.00	18.01 -0.37 0.00	15.79 -0.52 -0.15	17.09 -0.38 0.00	18.57 -0.22 0.00	21.19 -0.62 -0.47	20.40 -0.68 0.24	21.13 -0.88 -0.69	23.62 -0.65 0.00	23.30 -0.26 0.00	24.08 0.10 0.00	25.65 0.05 0.00	25.64 -0.13 0.00	26.99 -0.05 0.00	29.71 -0.21 0.00	31.20 -0.41 0.00	36.97 -0.99 0.00	35.91 -1.26 0.00	33.59 -0.93 0.00	24.71 -0.69 0.10	22.36 -0.62 0.06	21.08 -0.60 -0.37	20.28 -0.22 -0.08
INDIAN POINT_GT_1 24139	22.49 1.25 0.00	20.07 1.06 0.00	19.39 1.01 0.00	17.90 0.84 -0.90	18.38 0.91 0.00	19.77 0.98 0.00	25.59 1.32 -2.92	29.45 1.36 -6.76	28.22 1.41 -5.50	26.25 1.72 -0.25	25.18 1.63 0.00	25.51 1.53 0.00	27.37 1.77 0.00	27.58 1.80 0.00	28.95 1.79 -0.12	32.09 1.97 -0.20	33.75 2.02 -0.12	44.81 2.77 -4.08	40.66 2.60 -0.89	37.75 2.49 -0.74	30.34 1.76 -3.09	26.62 1.61 -1.97	24.98 1.36 -2.32	22.13 1.18 -0.53
INDIAN POINT_GT_2 23659	22.49 1.25 0.00	20.07 1.06 0.00	19.39 1.01 0.00	17.90 0.84 -0.90	18.38 0.91 0.00	19.77 0.98 0.00	25.59 1.32 -2.92	29.45 1.36 -6.76	28.22 1.41 -5.50	26.25 1.72 -0.25	25.18 1.63 0.00	25.51 1.53 0.00	27.37 1.77 0.00	27.58 1.80 0.00	28.95 1.79 -0.12	32.09 1.97 -0.20	33.75 2.02 -0.12	44.81 2.77 -4.08	40.66 2.60 -0.89	37.75 2.49 -0.74	30.34 1.76 -3.09	26.62 1.61 -1.97	24.98 1.36 -2.32	22.13 1.18 -0.53
INDIAN POINT_GT_3 24019	22.49 1.25 0.00	20.07 1.06 0.00	19.39 1.01 0.00	17.90 0.84 -0.90	18.38 0.91 0.00	19.77 0.98 0.00	25.59 1.32 -2.92	29.45 1.36 -6.76	28.22 1.41 -5.50	26.25 1.72 -0.25	25.18 1.63 0.00	25.51 1.53 0.00	27.37 1.77 0.00	27.58 1.80 0.00	28.95 1.79 -0.12	32.09 1.97 -0.20	33.75 2.02 -0.12	44.81 2.77 -4.08	40.66 2.60 -0.89	37.75 2.49 -0.74	30.34 1.76 -3.09	26.62 1.61 -1.97	24.98 1.36 -2.32	22.13 1.18 -0.53
INDIAN POINT___2 23530	22.47 1.23 0.00	20.05 1.04 0.00	19.37 0.99 0.00	17.86 0.82 -0.87	18.36 0.89 0.00	19.75 0.96 0.00	25.48 1.30 -2.83	29.19 1.32 -6.55	28.02 1.37 -5.34	26.24 1.70 -0.27	25.13 1.58 0.00	25.49 1.51 0.00	27.26 1.66 0.00	27.53 1.75 0.00	28.89 1.73 -0.12	32.00 1.89 -0.19	33.74 1.99 -0.14	45.12 2.73 -4.43	40.75 2.53 -1.05	37.81 2.42 -0.87	30.22 1.73 -2.99	26.54 1.59 -1.91	24.88 1.34 -2.24	22.16 1.23 -0.51
INDIAN POINT___3 23531	22.45 1.21 0.00	20.05 1.05 0.00	19.37 0.99 0.00	17.89 0.82 -0.90	18.34 0.87 0.00	19.75 0.96 0.00	25.57 1.30 -2.92	29.41 1.32 -6.77	28.18 1.36 -5.50	26.20 1.67 -0.25	25.13 1.58 0.00	25.47 1.49 0.00	27.29 1.69 0.00	27.52 1.75 0.00	28.90 1.73 -0.12	32.01 1.89 -0.20	33.69 1.96 -0.12	44.74 2.70 -4.09	40.60 2.53 -0.90	37.69 2.42 -0.75	30.32 1.73 -3.09	26.60 1.59 -1.97	24.96 1.34 -2.32	22.11 1.16 -0.53
INGHAM_C_115KV_TB7 356103	21.15 -0.08 0.00	18.93 -0.08 0.00	18.30 -0.07 0.00	16.10 -0.06 0.00	17.38 -0.09 0.00	18.70 -0.09 0.00	21.26 -0.09 0.00	21.21 -0.11 0.00	21.21 -0.11 0.00	24.18 -0.10 0.00	23.46 -0.09 0.00	23.93 -0.05 0.00	25.58 -0.03 0.00	25.74 -0.03 0.00	26.97 -0.08 0.00	29.77 -0.15 0.00	31.45 -0.16 0.00	37.73 -0.23 0.00	36.87 -0.30 0.00	34.21 -0.31 0.00	25.24 -0.25 0.00	22.85 -0.18 0.00	21.09 -0.21 0.00	20.20 -0.22 0.00
IP CORINTH___1 23988	22.47 1.23 0.00	20.07 1.06 0.00	19.39 1.01 0.00	18.24 0.86 -1.23	18.47 1.00 0.00	19.84 1.05 0.00	26.66 1.34 -3.97	31.97 1.45 -9.20	30.05 1.32 -7.41	25.95 1.58 -0.10	24.99 1.44 0.00	25.44 1.46 0.00	26.88 1.28 0.00	26.95 1.19 0.00	28.13 1.22 0.14	31.17 1.47 0.22	33.11 1.45 -0.04	41.63 2.05 -1.62	39.97 2.49 -0.31	37.16 2.38 -0.26	32.43 2.01 -4.92	27.38 1.66 -2.68	25.75 1.30 -3.15	22.79 1.65 -0.72
IP___TICONDEROGA 23804	23.64 2.40 0.00	21.07 2.07 0.00	20.36 1.98 0.00	19.03 1.65 -1.23	19.37 1.90 0.00	20.86 2.07 0.00	27.87 2.56 -3.97	33.24 2.73 -9.19	31.23 2.52 -7.40	27.36 2.99 -0.10	26.31 2.76 0.00	26.86 2.88 0.00	28.24 2.64 0.00	28.19 2.42 0.00	29.42 2.52 0.14	32.69 2.99 0.23	34.75 3.10 -0.04	43.64 4.06 -1.62	42.05 4.57 -0.31	39.09 4.31 -0.26	34.03 3.62 -4.91	28.69 2.97 -2.68	26.85 2.41 -3.15	23.75 2.61 -0.72
ISLIP_RES_REC 323679	25.15 2.76 -1.16	21.24 2.24 0.00	20.43 2.06 0.00	18.83 1.75 -0.93	19.64 2.17 -0.01	21.07 2.27 -0.01	27.71 2.88 -3.48	31.24 2.94 -6.98	31.29 2.94 -7.03	30.61 3.57 -2.77	30.53 3.30 -3.68	30.56 3.26 -3.32	30.65 3.56 -1.49	30.61 3.61 -1.23	30.84 3.65 -0.14	34.10 3.95 -0.23	36.05 4.30 -0.14	49.75 5.39 -6.40	50.75 5.09 -8.48	47.84 4.80 -8.52	43.40 3.47 -14.44	32.85 3.23 -6.59	29.28 2.94 -5.04	25.99 2.74 -2.83
JAMAICA___27_KV_LOAD 355505	22.66 1.42 0.00	20.16 1.16 0.00	19.52 1.14 0.00	17.99 0.91 -0.93	18.41 0.94 0.00	19.82 1.03 0.00	25.90 1.56 -3.00	29.94 1.66 -6.95	28.69 1.73 -5.64	26.62 2.06 -0.28	25.48 1.86 -0.07	25.79 1.75 -0.06	27.65 2.02 -0.03	27.88 2.09 -0.03	29.31 2.14 -0.13	32.34 2.21 -0.21	33.97 2.24 -0.11	44.89 3.11 -3.82	40.94 2.94 -0.83	37.97 2.76 -0.69	30.68 2.01 -3.17	26.84 1.77 -2.03	25.26 1.58 -2.38	22.25 1.29 -0.54
JANIS___SOLAR 323808	22.21 0.98 0.00	19.86 0.86 0.00	19.24 0.86 0.00	17.03 0.61 -0.26	18.26 0.79 0.00	19.69 0.90 0.00	23.27 1.09 -0.84	24.70 1.19 -2.19	24.00 1.09 -1.60	25.53 1.26 0.00	24.66 1.11 0.00	25.35 1.37 0.00	27.01 1.41 0.00	27.13 1.36 0.00	28.59 1.54 0.00	31.69 1.76 0.00	33.73 2.12 0.00	40.69 2.73 0.00	39.81 2.64 0.00	37.04 2.52 0.00	28.17 1.68 -0.99	25.04 1.36 -0.64	22.90 0.94 -0.67	21.53 0.96 -0.15
JARVIS____ 23743	21.26 0.02 0.00	19.02 0.02 0.00	18.40 0.02 0.00	16.18 0.02 0.00	17.49 0.02 0.00	18.81 0.02 0.00	21.39 0.04 0.00	21.34 0.02 0.00	21.36 0.04 0.00	24.32 0.05 0.00	23.58 0.02 0.00	24.00 0.02 0.00	25.65 0.05 0.00	25.82 0.05 0.00	27.10 0.05 0.00	29.95 0.03 0.00	31.64 0.03 0.00	38.03 0.08 0.00	37.25 0.07 0.00	34.59 0.07 0.00	25.52 0.03 0.00	23.06 0.02 0.00	21.30 0.00 0.00	20.42 0.00 0.00

JENNISON____1 23625	22.34 1.10 0.00	19.97 0.97 0.00	19.35 0.97 0.00	17.21 0.71 -0.34	18.38 0.91 0.00	19.79 1.00 0.00	23.65 1.20 -1.11	25.19 1.30 -2.57	24.66 1.28 -2.06	25.85 1.58 0.00	25.02 1.46 0.00	25.75 1.77 0.00	27.44 1.84 0.00	27.65 1.88 0.00	29.08 2.03 0.00	32.16 2.24 0.00	34.11 2.50 0.00	41.00 3.04 0.00	40.07 2.90 0.00	37.28 2.76 0.00	28.54 1.89 -1.16	25.35 1.57 -0.75	23.26 1.09 -0.88	21.54 0.92 -0.20
JENNISON____2 23626	22.34 1.10 0.00	19.97 0.97 0.00	19.35 0.97 0.00	17.21 0.71 -0.34	18.38 0.91 0.00	19.79 1.00 0.00	23.65 1.20 -1.11	25.19 1.30 -2.57	24.66 1.28 -2.06	25.85 1.58 0.00	25.02 1.46 0.00	25.75 1.77 0.00	27.44 1.84 0.00	27.65 1.88 0.00	29.08 2.03 0.00	32.16 2.24 0.00	34.11 2.50 0.00	41.00 3.04 0.00	40.07 2.90 0.00	37.28 2.76 0.00	28.54 1.89 -1.16	25.35 1.57 -0.75	23.26 1.09 -0.88	21.54 0.92 -0.20
JERICHO_RISE_WT_PWR 323719	20.49 -0.74 0.00	18.32 -0.68 0.00	17.68 -0.70 0.00	15.55 -0.61 0.00	16.79 -0.68 0.00	18.08 -0.71 0.00	20.45 -0.90 0.00	20.51 -0.81 0.00	20.59 -0.72 0.00	23.42 -0.85 0.00	23.11 -0.45 0.00	23.60 -0.38 0.00	25.11 -0.49 0.00	25.41 -0.36 0.00	26.72 -0.32 0.00	29.68 -0.24 0.00	31.33 -0.29 0.00	37.43 -0.53 0.00	36.54 -0.63 0.00	33.55 -0.97 0.00	24.63 -0.87 0.00	22.05 -0.99 0.00	20.28 -1.02 0.00	19.24 -1.19 0.00
KATONAH__115KV_46KV_TB4 355592	22.62 1.38 0.00	20.20 1.20 0.00	19.50 1.12 0.00	18.05 0.94 -0.96	18.50 1.03 0.00	19.88 1.09 0.00	25.89 1.45 -3.10	30.00 1.51 -7.17	28.72 1.60 -5.80	26.38 1.89 -0.22	25.32 1.77 0.00	25.63 1.65 0.00	27.52 1.92 0.00	27.73 1.96 0.00	29.12 1.95 -0.13	32.29 2.15 -0.21	33.91 2.21 -0.09	44.48 3.07 -3.44	40.72 2.90 -0.65	37.83 2.76 -0.55	30.71 1.94 -3.27	26.90 1.77 -2.09	25.20 1.45 -2.46	22.23 1.25 -0.56
KCE_NY_1 323755	22.51 1.27 0.00	20.12 1.12 0.00	19.44 1.07 0.00	18.31 0.92 -1.22	18.52 1.05 0.00	19.90 1.11 0.00	26.69 1.39 -3.97	31.93 1.43 -9.18	30.08 1.37 -7.39	25.95 1.58 -0.10	24.99 1.44 0.00	25.42 1.44 0.00	27.03 1.43 0.00	27.16 1.39 0.00	28.36 1.46 0.14	31.39 1.70 0.23	33.45 1.80 -0.04	42.02 2.43 -1.63	40.08 2.60 -0.31	37.23 2.45 -0.26	32.36 1.96 -4.90	27.40 1.68 -2.68	25.78 1.34 -3.14	22.38 1.25 -0.72
KCE_NY_6_ESR 323823	20.98 -0.25 0.00	18.91 -0.09 0.00	18.21 -0.17 0.00	15.77 -0.55 -0.15	17.28 -0.19 0.00	18.77 -0.02 0.00	21.22 -0.62 -0.50	20.14 -0.81 0.37	21.15 -0.88 -0.71	23.96 -0.32 0.00	23.60 0.05 0.00	24.39 0.41 0.00	26.01 0.41 0.00	25.97 0.21 0.00	27.34 0.30 0.00	30.13 0.21 0.00	31.71 0.10 0.00	37.58 -0.38 0.00	36.50 -0.67 0.00	34.07 -0.45 0.00	24.92 -0.41 0.17	22.43 -0.51 0.11	21.08 -0.62 -0.40	20.53 0.02 -0.09
KEDC_PORT_JEFF_GT2 24210	24.94 2.55 -1.16	21.05 2.05 0.00	20.25 1.88 0.00	18.70 1.62 -0.93	19.47 1.99 -0.01	20.90 2.10 -0.01	27.52 2.69 -3.48	31.05 2.75 -6.98	31.07 2.73 -7.03	30.36 3.33 -2.77	30.29 3.06 -3.68	30.29 3.00 -3.32	30.40 3.30 -1.49	30.35 3.35 -1.23	30.55 3.35 -0.15	33.77 3.62 -0.23	35.70 3.95 -0.14	49.23 4.86 -6.41	50.24 4.57 -8.49	47.36 4.31 -8.53	43.71 3.11 -15.10	32.63 2.99 -6.59	29.09 2.75 -5.04	25.81 2.55 -2.83
KEDC_PORT_JEFF_GT3 24211	24.94 2.55 -1.16	21.05 2.05 0.00	20.25 1.88 0.00	18.70 1.62 -0.93	19.47 1.99 -0.01	20.90 2.10 -0.01	27.52 2.69 -3.48	31.05 2.75 -6.98	31.07 2.73 -7.03	30.36 3.33 -2.77	30.29 3.06 -3.68	30.29 3.00 -3.32	30.40 3.30 -1.49	30.35 3.35 -1.23	30.55 3.35 -0.15	33.77 3.62 -0.23	35.70 3.95 -0.14	49.23 4.86 -6.41	50.24 4.57 -8.49	47.36 4.31 -8.53	43.71 3.11 -15.10	32.63 2.99 -6.59	29.09 2.75 -5.04	25.81 2.55 -2.83
KEDC_GLWD_GT4 24219	24.09 1.70 -1.15	20.39 1.39 0.00	19.64 1.27 0.00	18.14 1.05 -0.93	18.73 1.26 0.00	20.13 1.33 0.00	26.59 1.77 -3.48	30.12 1.83 -6.97	30.21 1.88 -7.02	29.31 2.28 -2.76	29.39 2.17 -3.67	29.37 2.09 -3.31	29.39 2.31 -1.49	29.36 2.37 -1.22	29.53 2.35 -0.13	32.67 2.54 -0.21	34.48 2.75 -0.12	47.91 3.57 -6.39	49.02 3.42 -8.43	46.24 3.21 -8.51	39.36 2.32 -11.54	31.73 2.12 -6.57	28.16 1.83 -5.03	24.92 1.67 -2.83
KEDC_GLWD_GT5 24220	24.09 1.70 -1.15	20.39 1.39 0.00	19.64 1.27 0.00	18.14 1.05 -0.93	18.73 1.26 0.00	20.13 1.33 0.00	26.59 1.77 -3.48	30.12 1.83 -6.97	30.21 1.88 -7.02	29.31 2.28 -2.76	29.39 2.17 -3.67	29.37 2.09 -3.31	29.39 2.31 -1.49	29.36 2.37 -1.22	29.53 2.35 -0.13	32.67 2.54 -0.21	34.48 2.75 -0.12	47.91 3.57 -6.39	49.02 3.42 -8.43	46.24 3.21 -8.51	39.36 2.32 -11.54	31.73 2.12 -6.57	28.16 1.83 -5.03	24.92 1.67 -2.83
KENSICO____ 23655	22.55 1.32 0.00	20.12 1.12 0.00	19.44 1.07 0.00	17.97 0.89 -0.92	18.43 0.96 0.00	19.82 1.03 0.00	25.73 1.41 -2.98	29.67 1.45 -6.91	28.42 1.49 -5.61	26.33 1.82 -0.24	25.27 1.72 0.00	25.61 1.63 0.00	27.47 1.87 0.00	27.70 1.93 0.00	29.09 1.92 -0.13	32.22 2.09 -0.21	33.87 2.15 -0.11	44.73 2.88 -3.89	40.78 2.75 -0.85	37.85 2.62 -0.71	30.51 1.86 -3.15	26.76 1.70 -2.01	25.11 1.45 -2.36	22.21 1.25 -0.54
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	22.36 1.13 0.00	19.95 0.95 0.00	19.28 0.90 0.00	17.74 0.73 -0.85	18.19 0.72 0.00	19.52 0.73 0.00	25.10 1.00 -2.76	28.73 1.02 -6.39	27.49 1.02 -5.15	25.66 1.29 -0.10	24.78 1.22 0.00	25.11 1.13 0.00	26.91 1.31 0.00	27.11 1.34 0.00	28.42 1.33 -0.05	31.50 1.50 -0.08	33.27 1.68 0.01	41.56 2.35 -1.25	39.35 2.27 0.09	36.72 2.28 0.08	29.99 1.56 -2.93	26.31 1.41 -1.86	24.66 1.17 -2.19	21.94 1.02 -0.50
KIAC_JFK_GT1 23816	22.55 1.32 0.00	20.07 1.06 0.00	19.42 1.05 0.00	17.91 0.82 -0.93	18.33 0.86 0.00	19.75 0.96 0.00	25.80 1.45 -3.00	29.81 1.53 -6.95	28.58 1.62 -5.64	26.50 1.94 -0.28	25.37 1.74 -0.07	25.65 1.61 -0.06	27.52 1.89 -0.03	27.75 1.96 -0.03	29.15 1.97 -0.13	32.07 1.94 -0.21	33.68 1.96 -0.11	44.51 2.73 -3.82	40.60 2.60 -0.83	37.66 2.45 -0.69	30.53 1.86 -3.17	26.73 1.66 -2.03	25.15 1.47 -2.38	22.17 1.20 -0.54
KIAC_JFK_GT2 23817	22.55 1.32 0.00	20.07 1.06 0.00	19.42 1.05 0.00	17.91 0.82 -0.93	18.33 0.86 0.00	19.75 0.96 0.00	25.80 1.45 -3.00	29.81 1.53 -6.95	28.58 1.62 -5.64	26.50 1.94 -0.28	25.37 1.74 -0.07	25.65 1.61 -0.06	27.52 1.89 -0.03	27.75 1.96 -0.03	29.15 1.97 -0.13	32.07 1.94 -0.21	33.68 1.96 -0.11	44.51 2.73 -3.82	40.60 2.60 -0.83	37.66 2.45 -0.69	30.53 1.86 -3.17	26.73 1.66 -2.03	25.15 1.47 -2.38	22.17 1.20 -0.54
KIAC_JFK____ 323774	22.58 1.34 0.00	20.06 1.06 0.00	19.42 1.05 0.00	17.91 0.82 -0.93	18.34 0.87 0.00	19.75 0.96 0.00	25.80 1.45 -3.00	29.81 1.54 -6.95	28.58 1.62 -5.64	26.50 1.94 -0.28	25.37 1.74 -0.07	25.65 1.61 -0.06	27.47 1.84 -0.03	27.73 1.93 -0.03	29.15 1.97 -0.13	32.05 1.92 -0.21	33.65 1.93 -0.11	44.51 2.73 -3.82	40.60 2.60 -0.83	37.66 2.45 -0.69	30.53 1.86 -3.17	26.73 1.66 -2.03	25.15 1.47 -2.38	22.23 1.27 -0.54

KINTIGH____ 23543	20.49 -0.74 0.00	18.43 -0.57 0.00	17.77 -0.61 0.00	15.96 -0.32 -0.13	16.93 -0.54 0.00	18.30 -0.49 0.00	21.43 -0.32 -0.41	20.98 -0.47 -0.13	21.43 -0.53 -0.65	23.47 -0.80 0.00	22.99 -0.57 0.00	23.67 -0.31 0.00	25.09 -0.51 0.00	25.15 -0.62 0.00	26.51 -0.54 0.00	29.23 -0.69 0.00	30.76 -0.85 0.00	36.59 -1.37 0.00	35.65 -1.52 0.00	33.21 -1.31 0.00	24.64 -0.92 -0.06	22.50 -0.58 -0.04	21.30 -0.32 -0.33	20.27 -0.22 -0.07
KNTFSRNC_46_KV_46KV_LOAD 80397	20.68 -0.55 0.00	18.45 -0.55 0.00	17.81 -0.57 0.00	15.68 -0.48 0.00	16.93 -0.54 0.00	18.23 -0.56 0.00	20.62 -0.73 0.00	20.89 -0.43 0.00	20.76 -0.55 0.00	23.64 -0.63 0.00	23.37 -0.19 0.00	23.86 -0.12 0.00	25.37 -0.23 0.00	25.69 -0.08 0.00	27.26 0.22 0.00	30.37 0.45 0.00	31.71 0.09 0.00	37.96 0.00 0.00	36.98 -0.19 0.00	33.97 -0.55 0.00	24.91 -0.59 0.00	22.28 -0.76 0.00	20.42 -0.87 0.00	19.40 -1.02 0.00
LACHUTE__HYDRO 323717	23.66 2.42 0.00	21.07 2.07 0.00	20.36 1.99 0.00	19.04 1.65 -1.23	19.37 1.90 0.00	20.86 2.07 0.00	27.87 2.56 -3.97	33.24 2.73 -9.19	31.28 2.56 -7.40	27.36 2.98 -0.10	26.31 2.75 0.00	26.86 2.88 0.00	28.24 2.64 0.00	28.19 2.42 0.00	29.42 2.52 0.14	32.66 2.96 0.23	34.75 3.10 -0.04	43.68 4.10 -1.62	42.09 4.61 -0.31	39.09 4.31 -0.26	34.03 3.62 -4.91	28.69 2.97 -2.68	26.85 2.41 -3.15	23.37 2.23 -0.72
LAWRNCV_115KV_TB1 80681	20.88 -0.36 0.00	18.68 -0.32 0.00	18.06 -0.31 0.00	15.92 -0.24 0.00	17.19 -0.28 0.00	18.51 -0.28 0.00	20.94 -0.41 0.00	20.91 -0.41 0.00	20.94 -0.38 0.00	23.76 -0.51 0.00	23.20 -0.35 0.00	23.69 -0.29 0.00	25.24 -0.36 0.00	25.46 -0.31 0.00	26.75 -0.30 0.00	29.71 -0.21 0.00	31.36 -0.25 0.00	37.43 -0.53 0.00	36.43 -0.74 0.00	33.69 -0.83 0.00	24.83 -0.66 0.00	22.51 -0.53 0.00	20.81 -0.49 0.00	19.91 -0.51 0.00
LEDERLE____ 23769	22.49 1.25 0.00	20.07 1.06 0.00	19.39 1.01 0.00	17.85 0.84 -0.84	18.34 0.87 0.00	19.75 0.96 0.00	25.38 1.30 -2.74	28.97 1.32 -6.33	27.68 1.36 -5.00	26.28 1.70 -0.31	25.16 1.60 0.00	25.49 1.51 0.00	27.32 1.72 0.00	27.52 1.75 0.00	28.89 1.73 -0.11	32.01 1.91 -0.18	33.49 2.02 0.15	44.31 2.77 -3.58	38.64 2.56 1.10	36.09 2.49 0.91	30.14 1.76 -2.89	26.50 1.61 -1.85	24.85 1.38 -2.17	22.12 1.20 -0.49
LIGHTHSE_115KV_TB6 355974	21.64 0.40 0.00	19.34 0.34 0.00	18.73 0.35 0.00	16.49 0.26 -0.07	17.78 0.31 0.00	19.15 0.36 0.00	22.02 0.45 -0.23	22.32 0.47 -0.53	22.19 0.45 -0.43	24.76 0.49 0.00	24.03 0.47 0.00	24.65 0.67 0.00	26.27 0.67 0.00	26.39 0.62 0.00	27.75 0.70 0.00	30.40 0.48 0.00	32.18 0.57 0.00	38.72 0.76 0.00	37.91 0.74 0.00	35.28 0.76 0.00	26.22 0.51 -0.21	23.77 0.58 -0.15	21.88 0.40 -0.18	20.85 0.39 -0.04
LINDEN COGEN____ 23786	22.58 1.34 0.00	20.10 1.10 0.00	19.44 1.07 0.00	17.94 0.86 -0.93	18.39 0.93 0.00	19.77 0.98 0.00	25.78 1.43 -3.00	29.79 1.51 -6.95	28.50 1.54 -5.64	26.45 1.89 -0.28	25.44 1.81 -0.07	25.74 1.70 -0.06	27.55 1.92 -0.03	27.83 2.04 -0.03	29.20 2.03 -0.13	32.22 2.09 -0.21	32.72 2.12 1.01	39.50 2.92 1.38	32.49 2.79 1.38	30.88 2.59 1.38	30.56 1.89 -3.17	26.82 1.75 -2.03	25.13 1.45 -2.38	22.23 1.27 -0.54
LINDHRST_69_KV_BK1 356055	24.73 2.34 -1.16	20.90 1.90 0.00	20.10 1.73 0.00	18.53 1.44 -0.93	19.22 1.75 -0.01	20.68 1.88 -0.01	27.26 2.43 -3.48	30.78 2.49 -6.96	30.86 2.52 -7.02	30.07 3.03 -2.76	30.06 2.83 -3.68	30.05 2.76 -3.31	30.16 3.07 -1.49	30.11 3.12 -1.23	30.34 3.16 -0.13	33.58 3.44 -0.21	35.39 3.67 -0.12	48.98 4.63 -6.39	50.03 4.42 -8.44	47.21 4.18 -8.51	40.29 2.98 -11.81	32.40 2.79 -6.58	28.81 2.47 -5.04	25.48 2.23 -2.83
LIPA_MISC_IPP 23656	24.96 2.57 -1.16	21.11 2.11 0.00	20.34 1.97 0.00	18.74 1.65 -0.93	19.45 1.97 -0.01	20.96 2.16 -0.01	27.54 2.71 -3.48	31.04 2.75 -6.97	31.10 2.75 -7.03	30.39 3.35 -2.77	30.30 3.06 -3.68	30.32 3.02 -3.32	30.42 3.33 -1.49	30.43 3.43 -1.23	30.65 3.46 -0.14	33.95 3.80 -0.22	35.66 3.92 -0.13	49.30 4.93 -6.40	50.34 4.68 -8.48	47.46 4.42 -8.52	43.27 3.24 -14.54	32.69 3.06 -6.59	29.06 2.73 -5.04	25.77 2.51 -2.84
LISF__SOLAR 323691	25.01 2.61 -1.16	21.13 2.13 0.00	20.34 1.97 0.00	18.75 1.66 -0.93	19.56 2.08 -0.01	20.98 2.18 -0.01	27.56 2.73 -3.48	31.09 2.79 -6.98	31.12 2.77 -7.03	30.41 3.37 -2.77	30.32 3.08 -3.68	30.32 3.02 -3.32	30.42 3.33 -1.49	30.35 3.35 -1.23	30.63 3.44 -0.14	33.83 3.68 -0.23	35.70 3.95 -0.14	49.37 5.01 -6.40	50.41 4.76 -8.48	47.53 4.49 -8.52	43.37 3.29 -14.58	32.72 3.09 -6.59	29.15 2.81 -5.04	25.89 2.64 -2.84
LITTLE FALLS__HYD 24013	21.15 -0.08 0.00	18.93 -0.08 0.00	18.30 -0.07 0.00	16.10 -0.06 0.00	17.38 -0.09 0.00	18.70 -0.09 0.00	21.26 -0.09 0.00	21.21 -0.11 0.00	21.21 -0.11 0.00	24.18 -0.10 0.00	23.46 -0.09 0.00	23.93 -0.05 0.00	25.58 -0.03 0.00	25.74 -0.03 0.00	26.97 -0.08 0.00	29.77 -0.15 0.00	31.45 -0.16 0.00	37.73 -0.23 0.00	36.87 -0.30 0.00	34.21 -0.31 0.00	25.24 -0.25 0.00	22.85 -0.18 0.00	21.09 -0.21 0.00	20.20 -0.22 0.00
LITTLRIV_115KV_TB1 356100	21.00 -0.23 0.00	18.77 -0.23 0.00	18.16 -0.22 0.00	16.00 -0.16 0.00	17.29 -0.17 0.00	18.62 -0.17 0.00	21.06 -0.28 0.00	21.06 -0.26 0.00	21.06 -0.26 0.00	23.91 -0.36 0.00	23.34 -0.21 0.00	23.88 -0.10 0.00	25.45 -0.15 0.00	25.67 -0.10 0.00	26.97 -0.08 0.00	29.95 0.03 0.00	31.61 0.00 0.00	37.81 -0.15 0.00	36.84 -0.33 0.00	34.07 -0.45 0.00	25.09 -0.41 0.00	22.72 -0.32 0.00	20.94 -0.36 0.00	19.99 -0.43 0.00
LI_NEWBRDGE__DRP 323616	24.10 1.72 -1.15	20.39 1.39 0.00	19.63 1.25 0.00	18.11 1.02 -0.93	18.73 1.26 0.00	20.14 1.35 0.00	26.63 1.81 -3.47	30.15 1.88 -6.96	30.23 1.90 -7.02	29.33 2.31 -2.76	29.34 2.12 -3.67	29.32 2.04 -3.31	29.36 2.28 -1.48	29.33 2.34 -1.22	29.50 2.33 -0.13	32.64 2.51 -0.21	34.41 2.69 -0.11	47.80 3.45 -6.39	48.87 3.27 -8.43	46.13 3.11 -8.51	39.28 2.24 -11.54	31.68 2.07 -6.57	28.18 1.85 -5.03	24.88 1.63 -2.83
LOCKPORT_115KV_TB60_63_64 80432	20.58 -0.66 0.00	18.56 -0.44 0.00	17.88 -0.50 0.00	15.75 -0.55 -0.14	17.00 -0.47 0.00	18.45 -0.34 0.00	21.09 -0.70 -0.45	20.27 -0.90 0.15	21.03 -0.96 -0.67	23.45 -0.83 0.00	23.08 -0.47 0.00	23.84 -0.14 0.00	25.19 -0.41 0.00	25.25 -0.52 0.00	26.67 -0.38 0.00	29.35 -0.57 0.00	30.88 -0.73 0.00	36.59 -1.37 0.00	35.61 -1.56 0.00	33.21 -1.31 0.00	24.54 -0.92 0.04	22.23 -0.78 0.03	20.97 -0.68 -0.35	19.93 -0.57 -0.08
LOCKPORT__CC1 323769	20.58 -0.66 0.00	18.56 -0.44 0.00	17.90 -0.48 0.00	15.73 -0.57 -0.14	17.00 -0.47 0.00	18.43 -0.36 0.00	21.11 -0.68 -0.45	20.19 -0.92 0.21	21.03 -0.96 -0.67	23.45 -0.83 0.00	23.08 -0.47 0.00	23.84 -0.14 0.00	25.42 -0.18 0.00	25.38 -0.39 0.00	26.69 -0.35 0.00	29.44 -0.48 0.00	30.91 -0.70 0.00	36.67 -1.29 0.00	35.61 -1.56 0.00	33.28 -1.24 0.00	24.53 -0.89 0.07	22.23 -0.76 0.05	20.95 -0.70 -0.36	20.12 -0.39 -0.08

LOCKPORT___CC2 323770	20.58 -0.66 0.00	18.56 -0.44 0.00	17.90 -0.48 0.00	15.73 -0.57 -0.14	17.00 -0.47 0.00	18.43 -0.36 0.00	21.11 -0.68 -0.45	20.19 -0.92 0.21	21.03 -0.96 -0.67	23.45 -0.83 0.00	23.08 -0.47 0.00	23.84 -0.14 0.00	25.42 -0.18 0.00	25.38 -0.39 0.00	26.69 -0.35 0.00	29.44 -0.48 0.00	30.91 -0.70 0.00	36.67 -1.29 0.00	35.61 -1.56 0.00	33.28 -1.24 0.00	24.53 -0.89 0.07	22.23 -0.76 0.05	20.95 -0.70 -0.36	20.12 -0.39 -0.08
LOCKPORT___CC3 323771	20.58 -0.66 0.00	18.56 -0.44 0.00	17.90 -0.48 0.00	15.73 -0.57 -0.14	17.00 -0.47 0.00	18.43 -0.36 0.00	21.11 -0.68 -0.45	20.19 -0.92 0.21	21.03 -0.96 -0.67	23.45 -0.83 0.00	23.08 -0.47 0.00	23.84 -0.14 0.00	25.42 -0.18 0.00	25.38 -0.39 0.00	26.69 -0.35 0.00	29.44 -0.48 0.00	30.91 -0.70 0.00	36.67 -1.29 0.00	35.61 -1.56 0.00	33.28 -1.24 0.00	24.53 -0.89 0.07	22.23 -0.76 0.05	20.95 -0.70 -0.36	20.12 -0.39 -0.08
LONG_LAKE_PHOENIX 24014	21.60 0.36 0.00	19.32 0.32 0.00	18.69 0.31 0.00	16.47 0.23 -0.08	17.75 0.28 0.00	19.11 0.32 0.00	22.04 0.45 -0.25	22.39 0.49 -0.58	22.26 0.47 -0.47	24.83 0.56 0.00	24.10 0.54 0.00	24.68 0.70 0.00	26.29 0.69 0.00	26.41 0.64 0.00	27.78 0.73 0.00	30.43 0.51 0.00	32.24 0.63 0.00	38.68 0.72 0.00	37.80 0.63 0.00	35.14 0.62 0.00	26.16 0.43 -0.23	23.74 0.53 -0.17	21.90 0.40 -0.20	20.90 0.43 -0.05
LOVETT___3 23632	22.43 1.19 0.00	20.01 1.01 0.00	19.33 0.96 0.00	17.80 0.79 -0.85	18.31 0.84 0.00	19.69 0.90 0.00	25.34 1.24 -2.76	28.94 1.24 -6.39	27.66 1.30 -5.04	26.17 1.60 -0.29	25.06 1.51 0.00	25.42 1.44 0.00	27.21 1.61 0.00	27.45 1.67 0.00	28.81 1.65 -0.11	31.90 1.80 -0.18	33.36 1.90 0.15	43.95 2.58 -3.41	38.47 2.42 1.12	35.90 2.31 0.93	30.07 1.66 -2.91	26.42 1.52 -1.86	24.78 1.30 -2.19	22.04 1.12 -0.50
LOVETT___4 23642	22.43 1.19 0.00	20.01 1.01 0.00	19.33 0.96 0.00	17.80 0.79 -0.85	18.31 0.84 0.00	19.69 0.90 0.00	25.34 1.24 -2.76	28.94 1.24 -6.39	27.66 1.30 -5.04	26.17 1.60 -0.29	25.06 1.51 0.00	25.42 1.44 0.00	27.21 1.61 0.00	27.45 1.67 0.00	28.81 1.65 -0.11	31.90 1.80 -0.18	33.36 1.90 0.15	43.95 2.58 -3.41	38.47 2.42 1.12	35.90 2.31 0.93	30.07 1.66 -2.91	26.42 1.52 -1.86	24.78 1.30 -2.19	22.04 1.12 -0.50
LOVETT___5 23593	22.43 1.19 0.00	20.01 1.01 0.00	19.33 0.96 0.00	17.80 0.79 -0.85	18.31 0.84 0.00	19.69 0.90 0.00	25.34 1.24 -2.76	28.94 1.24 -6.39	27.66 1.30 -5.04	26.17 1.60 -0.29	25.06 1.51 0.00	25.42 1.44 0.00	27.21 1.61 0.00	27.45 1.67 0.00	28.81 1.65 -0.11	31.90 1.80 -0.18	33.36 1.90 0.15	43.95 2.58 -3.41	38.47 2.42 1.12	35.90 2.31 0.93	30.07 1.66 -2.91	26.42 1.52 -1.86	24.78 1.30 -2.19	22.04 1.12 -0.50
LOWER RAQUET___HYD 24057	20.88 -0.36 0.00	18.68 -0.32 0.00	18.06 -0.31 0.00	15.92 -0.24 0.00	17.19 -0.28 0.00	18.51 -0.28 0.00	20.94 -0.41 0.00	20.91 -0.41 0.00	20.94 -0.38 0.00	23.76 -0.51 0.00	23.23 -0.33 0.00	23.72 -0.26 0.00	25.27 -0.33 0.00	25.49 -0.28 0.00	26.78 -0.27 0.00	29.74 -0.18 0.00	31.39 -0.22 0.00	37.43 -0.53 0.00	36.39 -0.78 0.00	33.62 -0.90 0.00	24.78 -0.71 0.00	22.46 -0.58 0.00	20.81 -0.49 0.00	19.85 -0.57 0.00
LOWER___HUDSON 24059	22.13 0.89 0.00	19.80 0.80 0.00	19.13 0.75 0.00	18.05 0.68 -1.21	18.24 0.77 0.00	19.60 0.81 0.00	26.28 1.02 -3.91	31.42 1.04 -9.06	29.64 1.02 -7.29	25.54 1.17 -0.11	24.57 1.01 0.00	24.94 0.96 0.00	26.60 1.00 0.00	26.74 0.98 0.00	27.90 1.03 0.18	30.86 1.23 0.29	32.98 1.33 -0.04	41.51 1.86 -1.69	39.39 1.89 -0.32	36.55 1.76 -0.27	31.61 1.40 -4.72	26.92 1.24 -2.64	25.38 0.98 -3.10	22.03 0.90 -0.71
LOWVILLE_115KV_TB2 356335	21.60 0.36 0.00	19.31 0.30 0.00	18.69 0.31 0.00	16.45 0.26 -0.03	17.78 0.31 0.00	19.15 0.36 0.00	21.90 0.45 -0.11	21.85 0.28 -0.26	21.80 0.28 -0.21	24.54 0.27 0.00	23.81 0.26 0.00	24.36 0.38 0.00	25.96 0.36 0.00	26.13 0.36 0.00	27.45 0.41 0.00	30.37 0.45 0.00	32.15 0.54 0.00	38.68 0.72 0.00	37.91 0.74 0.00	35.14 0.62 0.00	25.80 0.20 -0.10	23.30 0.18 -0.08	21.41 0.02 -0.09	20.38 -0.06 -0.02
LUTHERFT_115KV_GLOB_FND_222 355753	22.47 1.23 0.00	20.10 1.10 0.00	19.42 1.05 0.00	18.29 0.91 -1.22	18.50 1.03 0.00	19.88 1.09 0.00	26.67 1.37 -3.97	31.91 1.41 -9.18	30.03 1.32 -7.39	25.95 1.58 -0.10	24.97 1.41 0.00	25.39 1.41 0.00	27.04 1.43 0.00	27.16 1.39 0.00	28.34 1.43 0.14	31.36 1.68 0.23	33.42 1.77 -0.04	41.98 2.39 -1.63	40.04 2.56 -0.31	37.19 2.42 -0.26	32.33 1.94 -4.90	27.38 1.66 -2.68	25.76 1.32 -3.14	22.49 1.35 -0.72
LUTHERNY_35_KV_BK2 355980	22.49 1.25 0.00	20.12 1.12 0.00	19.44 1.07 0.00	18.31 0.92 -1.22	18.52 1.05 0.00	19.90 1.11 0.00	26.70 1.39 -3.97	31.93 1.43 -9.18	30.05 1.34 -7.39	25.95 1.58 -0.10	24.99 1.44 0.00	25.42 1.44 0.00	27.06 1.46 0.00	27.16 1.39 0.00	28.37 1.46 0.14	31.39 1.71 0.23	33.45 1.80 -0.04	42.02 2.43 -1.63	40.08 2.60 -0.31	37.26 2.49 -0.26	32.36 1.96 -4.90	27.40 1.68 -2.68	25.78 1.34 -3.14	22.49 1.35 -0.72
LWR___OSWEGATCHIE_HYD 23850	21.26 0.02 0.00	19.00 0.00 0.00	18.38 0.00 0.00	16.20 0.02 -0.02	17.49 0.02 0.00	18.83 0.04 0.00	21.44 0.02 -0.08	21.46 -0.04 -0.18	21.42 -0.04 -0.15	24.15 -0.12 0.00	23.53 -0.02 0.00	24.05 0.07 0.00	25.63 0.03 0.00	25.82 0.05 0.00	27.15 0.11 0.00	30.07 0.15 0.00	31.77 0.16 0.00	38.11 0.15 0.00	37.17 0.00 0.00	34.45 -0.07 0.00	25.34 -0.23 -0.07	22.95 -0.14 -0.05	21.15 -0.21 -0.06	20.17 -0.27 -0.01
LYONS_FALL_HYD 23570	21.62 0.38 0.00	19.32 0.32 0.00	18.71 0.33 0.00	16.45 0.26 -0.03	17.78 0.31 0.00	19.15 0.36 0.00	21.90 0.45 -0.11	21.91 0.34 -0.25	21.89 0.36 -0.20	24.66 0.39 0.00	23.91 0.35 0.00	24.46 0.48 0.00	26.09 0.49 0.00	26.26 0.49 0.00	27.59 0.54 0.00	30.49 0.57 0.00	32.28 0.66 0.00	38.79 0.83 0.00	38.03 0.86 0.00	35.28 0.76 0.00	25.96 0.36 -0.10	23.41 0.30 -0.07	21.54 0.15 -0.09	20.55 0.10 -0.02
MADISON___COUNTY_LFGE 323628	21.75 0.51 0.00	19.46 0.46 0.00	18.84 0.46 0.00	16.57 0.36 -0.06	17.89 0.42 0.00	19.28 0.49 0.00	22.13 0.60 -0.19	22.35 0.60 -0.43	22.26 0.60 -0.34	24.95 0.68 0.00	24.19 0.64 0.00	24.75 0.77 0.00	26.42 0.82 0.00	26.57 0.80 0.00	27.91 0.87 0.00	30.82 0.90 0.00	32.59 0.98 0.00	39.14 1.18 0.00	38.36 1.19 0.00	35.62 1.10 0.00	26.41 0.74 -0.17	23.79 0.62 -0.13	21.89 0.45 -0.15	20.88 0.43 -0.03
MALONE___115KV_TB1 356076	20.71 -0.53 0.00	18.51 -0.49 0.00	17.86 -0.51 0.00	15.74 -0.42 0.00	16.98 -0.49 0.00	18.30 -0.49 0.00	20.70 -0.64 0.00	20.74 -0.58 0.00	20.81 -0.51 0.00	23.67 -0.61 0.00	23.32 -0.24 0.00	23.81 -0.17 0.00	25.35 -0.26 0.00	25.61 -0.15 0.00	26.94 -0.11 0.00	29.98 0.06 0.00	31.64 0.03 0.00	37.81 -0.15 0.00	36.84 -0.33 0.00	33.86 -0.66 0.00	24.88 -0.61 0.00	22.32 -0.71 0.00	20.51 -0.79 0.00	19.52 -0.90 0.00

MAPLEWOD_115KV_TB3 80458	22.04 0.81 0.00	19.74 0.74 0.00	19.11 0.74 0.00	18.02 0.66 -1.19	18.20 0.73 0.00	19.56 0.77 0.00	26.15 0.94 -3.87	31.24 0.96 -8.96	29.47 0.94 -7.22	25.50 1.12 -0.11	24.52 0.97 0.00	24.89 0.91 0.00	26.60 1.00 0.00	26.72 0.95 0.00	27.93 1.03 0.14	30.92 1.23 0.23	32.98 1.33 -0.04	41.49 1.82 -1.71	39.35 1.86 -0.32	36.37 1.59 -0.27	31.29 1.25 -4.54	26.74 1.08 -2.61	25.20 0.83 -3.07	21.86 0.74 -0.70
MAPLE_RIDGE_WT_1 323574	20.15 -1.08 0.00	18.01 -0.99 0.00	17.42 -0.96 0.00	15.35 -0.81 0.00	16.60 -0.87 0.00	17.83 -0.96 0.00	20.30 -1.05 0.00	20.30 -1.02 0.00	20.38 -0.94 0.00	23.35 -0.92 0.00	22.78 -0.78 0.00	23.24 -0.74 0.00	24.83 -0.77 0.00	25.05 -0.72 0.00	26.32 -0.73 0.00	29.11 -0.81 0.00	30.69 -0.92 0.00	36.71 -1.25 0.00	35.61 -1.56 0.00	32.79 -1.72 0.00	24.09 -1.40 0.00	21.68 -1.36 0.00	20.02 -1.28 0.00	19.16 -1.27 0.00
MAPLE_RIDGE_WT_2 323611	20.15 -1.08 0.00	18.01 -0.99 0.00	17.42 -0.96 0.00	15.35 -0.81 0.00	16.60 -0.87 0.00	17.83 -0.96 0.00	20.30 -1.05 0.00	20.30 -1.02 0.00	20.38 -0.94 0.00	23.35 -0.92 0.00	22.78 -0.78 0.00	23.24 -0.74 0.00	24.83 -0.77 0.00	25.05 -0.72 0.00	26.32 -0.73 0.00	29.11 -0.81 0.00	30.69 -0.92 0.00	36.71 -1.25 0.00	35.61 -1.56 0.00	32.79 -1.72 0.00	24.09 -1.40 0.00	21.68 -1.36 0.00	20.02 -1.28 0.00	19.16 -1.27 0.00
MARBLE_RIVER_WT_PWR 323696	20.54 -0.70 0.00	18.34 -0.67 0.00	17.70 -0.68 0.00	15.56 -0.60 0.00	16.81 -0.66 0.00	18.10 -0.69 0.00	20.47 -0.88 0.00	20.51 -0.81 0.00	20.64 -0.68 0.00	23.50 -0.78 0.00	23.18 -0.38 0.00	23.67 -0.31 0.00	25.17 -0.44 0.00	25.46 -0.31 0.00	26.72 -0.32 0.00	29.68 -0.24 0.00	31.42 -0.19 0.00	37.54 -0.42 0.00	36.65 -0.52 0.00	33.62 -0.90 0.00	24.68 -0.82 0.00	22.07 -0.97 0.00	20.30 -1.00 0.00	19.24 -1.19 0.00
MARSHVLE_115KV_TB1 80742	23.53 2.29 0.00	21.09 2.09 0.00	20.40 2.02 0.00	19.09 1.70 -1.24	19.43 1.96 0.00	20.90 2.10 0.00	28.01 2.67 -4.00	33.36 2.77 -9.27	31.29 2.52 -7.46	27.26 2.89 -0.10	26.15 2.59 0.00	26.62 2.64 0.00	28.34 2.74 0.00	28.42 2.65 0.00	29.72 2.79 0.11	33.03 3.29 0.18	35.32 3.67 -0.04	44.44 4.90 -1.58	42.56 5.09 -0.30	39.60 4.83 -0.25	34.21 3.70 -5.02	28.81 3.06 -2.70	26.90 2.43 -3.17	23.39 2.25 -0.72
MARSH_HILL_WT_PWR 323713	21.47 0.23 0.00	19.29 0.29 0.00	18.60 0.22 0.00	16.20 -0.15 -0.19	17.66 0.19 0.00	19.15 0.36 0.00	22.00 0.04 -0.61	26.53 0.04 -5.17	22.98 -0.04 -1.70	24.83 0.56 0.00	24.33 0.78 0.00	25.13 1.15 0.00	26.75 1.15 0.00	26.80 1.03 0.00	28.21 1.16 0.00	31.12 1.20 0.00	32.88 1.27 0.00	39.29 1.33 0.00	38.10 0.93 0.00	35.45 0.93 0.00	28.33 0.46 -2.38	24.77 0.18 -1.55	21.64 -0.15 -0.49	20.86 0.33 -0.11
MCINTYRE_115KV_TB2 80467	21.02 -0.21 0.00	18.81 -0.19 0.00	18.19 -0.18 0.00	16.05 -0.11 0.00	17.35 -0.12 0.00	18.68 -0.11 0.00	21.13 -0.21 0.00	21.13 -0.19 0.00	21.11 -0.21 0.00	23.96 -0.32 0.00	23.39 -0.16 0.00	23.93 -0.05 0.00	25.50 -0.10 0.00	25.72 -0.05 0.00	27.02 -0.03 0.00	30.04 0.12 0.00	31.71 0.09 0.00	37.96 0.00 0.00	37.10 -0.07 0.00	34.35 -0.17 0.00	25.29 -0.20 0.00	22.85 -0.18 0.00	21.00 -0.30 0.00	20.05 -0.37 0.00
MECO____69_KV_BK1 80468	23.66 2.42 0.00	21.19 2.19 0.00	20.49 2.11 0.00	19.17 1.78 -1.24	19.55 2.08 0.00	21.03 2.24 0.00	28.21 2.86 -4.00	33.57 2.98 -9.27	31.44 2.66 -7.46	27.48 3.11 -0.10	26.31 2.76 0.00	26.79 2.81 0.00	28.55 2.94 0.00	28.65 2.89 0.00	29.99 3.06 0.11	33.33 3.59 0.18	35.73 4.08 -0.04	44.85 5.31 -1.58	42.97 5.50 -0.30	39.98 5.21 -0.25	34.54 4.03 -5.02	29.04 3.29 -2.70	27.05 2.58 -3.17	23.51 2.37 -0.72
MENANDS_115KV_TB5 355628	21.87 0.64 0.00	19.61 0.61 0.00	18.96 0.59 0.00	17.89 0.53 -1.20	18.08 0.61 0.00	19.41 0.62 0.00	25.97 0.75 -3.88	31.06 0.77 -8.97	29.31 0.77 -7.23	25.28 0.90 -0.11	24.33 0.78 0.00	24.70 0.72 0.00	26.37 0.77 0.00	26.54 0.77 0.00	27.72 0.81 0.14	30.65 0.96 0.23	32.66 1.01 -0.04	41.10 1.44 -1.70	38.98 1.49 -0.32	36.13 1.35 -0.27	31.06 1.05 -4.52	26.60 0.94 -2.62	25.07 0.70 -3.07	21.73 0.61 -0.70
MG INDUSTRY__DRP 24185	22.00 0.76 0.00	19.70 0.70 0.00	19.08 0.70 0.00	17.95 0.61 -1.17	18.17 0.70 0.00	19.49 0.70 0.00	25.98 0.83 -3.81	30.96 0.83 -8.81	29.22 0.81 -7.09	25.33 0.95 -0.11	24.38 0.82 0.00	24.77 0.79 0.00	26.47 0.87 0.00	26.62 0.85 0.00	27.85 0.89 0.09	30.86 1.08 0.14	32.79 1.14 -0.04	41.25 1.59 -1.70	39.10 1.64 -0.29	36.28 1.52 -0.25	30.92 1.17 -4.25	26.64 1.04 -2.57	25.12 0.81 -3.02	21.84 0.74 -0.69
MID__OSWEGATCHIE_HYD 23849	21.26 0.02 0.00	19.00 0.00 0.00	18.38 0.00 0.00	16.20 0.02 -0.02	17.49 0.02 0.00	18.83 0.04 0.00	21.44 0.02 -0.08	21.46 -0.04 -0.18	21.42 -0.04 -0.15	24.15 -0.12 0.00	23.53 -0.02 0.00	24.05 0.07 0.00	25.63 0.03 0.00	25.82 0.05 0.00	27.15 0.11 0.00	30.07 0.15 0.00	31.77 0.16 0.00	38.11 0.15 0.00	37.17 0.00 0.00	34.45 -0.07 0.00	25.34 -0.23 -0.07	22.95 -0.14 -0.05	21.15 -0.21 -0.06	20.17 -0.27 -0.01
MID__RAQUETTE_HYD 23851	20.90 -0.34 0.00	18.68 -0.32 0.00	18.06 -0.31 0.00	15.92 -0.24 0.00	17.19 -0.28 0.00	18.51 -0.28 0.00	20.94 -0.41 0.00	20.91 -0.41 0.00	20.94 -0.38 0.00	23.76 -0.51 0.00	23.23 -0.33 0.00	23.72 -0.26 0.00	25.27 -0.33 0.00	25.49 -0.28 0.00	26.78 -0.27 0.00	29.74 -0.18 0.00	31.39 -0.22 0.00	37.47 -0.49 0.00	36.43 -0.74 0.00	33.66 -0.86 0.00	24.78 -0.71 0.00	22.51 -0.53 0.00	20.81 -0.49 0.00	19.89 -0.53 0.00
MILLIKEN__1 23584	21.77 0.53 0.00	19.50 0.49 0.00	18.85 0.48 0.00	16.67 0.32 -0.19	17.91 0.44 0.00	19.30 0.51 0.00	22.54 0.60 -0.60	23.65 0.66 -1.67	23.10 0.62 -1.16	25.05 0.78 0.00	24.29 0.73 0.00	24.87 0.89 0.00	26.47 0.87 0.00	26.62 0.85 0.00	28.02 0.97 0.00	30.97 1.05 0.00	32.84 1.23 0.00	39.48 1.52 0.00	38.55 1.38 0.00	35.83 1.31 0.00	27.17 0.92 -0.75	24.29 0.76 -0.49	22.31 0.53 -0.48	21.06 0.53 -0.11
MILLIKEN__2 23585	21.77 0.53 0.00	19.50 0.49 0.00	18.85 0.48 0.00	16.67 0.32 -0.19	17.91 0.44 0.00	19.30 0.51 0.00	22.54 0.60 -0.60	23.65 0.66 -1.67	23.10 0.62 -1.16	25.05 0.78 0.00	24.29 0.73 0.00	24.87 0.89 0.00	26.47 0.87 0.00	26.62 0.85 0.00	28.02 0.97 0.00	30.97 1.05 0.00	32.84 1.23 0.00	39.48 1.52 0.00	38.55 1.38 0.00	35.83 1.31 0.00	27.17 0.92 -0.75	24.29 0.76 -0.49	22.31 0.53 -0.48	21.06 0.53 -0.11
MILLIKEN__DIESEL 23629	21.77 0.53 0.00	19.50 0.49 0.00	18.85 0.48 0.00	16.67 0.32 -0.19	17.91 0.44 0.00	19.30 0.51 0.00	22.54 0.60 -0.60	23.65 0.66 -1.67	23.10 0.62 -1.16	25.05 0.78 0.00	24.29 0.73 0.00	24.87 0.89 0.00	26.47 0.87 0.00	26.62 0.85 0.00	28.02 0.97 0.00	30.97 1.05 0.00	32.84 1.23 0.00	39.48 1.52 0.00	38.55 1.38 0.00	35.83 1.31 0.00	27.17 0.92 -0.75	24.29 0.76 -0.49	22.31 0.53 -0.48	21.06 0.53 -0.11

MILLSEAT___LFGE 323607	20.98 -0.25 0.00	18.87 -0.13 0.00	18.21 -0.17 0.00	16.03 -0.26 -0.13	17.28 -0.19 0.00	18.77 -0.02 0.00	21.49 -0.28 -0.43	20.89 -0.43 0.00	21.52 -0.47 -0.67	23.93 -0.34 0.00	23.53 -0.02 0.00	24.29 0.31 0.00	25.91 0.31 0.00	25.90 0.13 0.00	27.26 0.22 0.00	30.10 0.18 0.00	31.64 0.03 0.00	37.62 -0.34 0.00	36.61 -0.56 0.00	34.21 -0.31 0.00	25.26 -0.25 -0.02	22.82 -0.23 -0.01	21.38 -0.25 -0.34	20.44 -0.06 -0.08
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	22.51 1.27 0.00	20.08 1.08 0.00	19.41 1.03 0.00	17.93 0.86 -0.91	18.40 0.93 0.00	19.79 1.00 0.00	25.64 1.34 -2.95	29.54 1.39 -6.83	28.30 1.43 -5.55	26.27 1.75 -0.25	25.20 1.65 0.00	25.54 1.56 0.00	27.37 1.77 0.00	27.60 1.83 0.00	28.98 1.81 -0.12	32.10 1.97 -0.20	33.78 2.05 -0.12	44.72 2.77 -3.99	40.68 2.64 -0.87	37.76 2.52 -0.72	30.40 1.78 -3.12	26.67 1.64 -1.99	25.02 1.38 -2.34	22.16 1.20 -0.53
MILLWOOD_13_KV_LOAD 356217	22.55 1.32 0.00	20.14 1.14 0.00	19.44 1.07 0.00	17.96 0.89 -0.91	18.43 0.96 0.00	19.82 1.03 0.00	25.68 1.39 -2.95	29.58 1.43 -6.83	28.36 1.49 -5.55	26.34 1.82 -0.25	25.25 1.70 0.00	25.59 1.61 0.00	27.44 1.84 0.00	27.65 1.88 0.00	29.06 1.89 -0.12	32.19 2.06 -0.20	33.85 2.12 -0.12	44.87 2.92 -3.99	40.79 2.75 -0.87	37.87 2.62 -0.72	30.48 1.86 -3.12	26.74 1.70 -1.99	25.06 1.43 -2.34	22.18 1.23 -0.53
MODEL_CITY_ENERGY 24167	20.36 -0.87 0.00	18.39 -0.61 0.00	17.73 -0.64 0.00	15.61 -0.69 -0.14	16.82 -0.65 0.00	18.26 -0.53 0.00	20.91 -0.90 -0.46	20.01 -1.13 0.18	20.81 -1.19 -0.68	23.16 -1.12 0.00	22.80 -0.75 0.00	23.52 -0.46 0.00	25.11 -0.49 0.00	25.05 -0.72 0.00	26.34 -0.70 0.00	29.05 -0.87 0.00	30.50 -1.11 0.00	36.18 -1.78 0.00	35.13 -2.04 0.00	32.83 -1.69 0.00	24.23 -1.20 0.06	21.99 -1.01 0.04	20.73 -0.94 -0.36	19.89 -0.61 -0.08
MODERN_LFGE___ 323580	20.36 -0.87 0.00	18.39 -0.61 0.00	17.73 -0.64 0.00	15.61 -0.69 -0.14	16.82 -0.65 0.00	18.26 -0.53 0.00	20.91 -0.90 -0.46	20.01 -1.13 0.18	20.81 -1.19 -0.68	23.16 -1.12 0.00	22.80 -0.75 0.00	23.52 -0.46 0.00	25.11 -0.49 0.00	25.05 -0.72 0.00	26.34 -0.70 0.00	29.05 -0.87 0.00	30.50 -1.11 0.00	36.18 -1.78 0.00	35.13 -2.04 0.00	32.83 -1.69 0.00	24.23 -1.20 0.06	21.99 -1.01 0.04	20.73 -0.94 -0.36	19.89 -0.61 -0.08
MOHAWK_PAPER___DRP 24187	22.04 0.81 0.00	19.74 0.74 0.00	19.11 0.74 0.00	18.02 0.66 -1.19	18.20 0.73 0.00	19.56 0.77 0.00	26.15 0.94 -3.87	31.24 0.96 -8.96	29.47 0.94 -7.22	25.50 1.12 -0.11	24.52 0.97 0.00	24.89 0.91 0.00	26.60 1.00 0.00	26.72 0.95 0.00	27.93 1.03 0.14	30.92 1.23 0.23	32.98 1.33 -0.04	41.49 1.82 -1.71	39.35 1.86 -0.32	36.37 1.59 -0.27	31.29 1.25 -4.54	26.74 1.08 -2.61	25.20 0.83 -3.07	21.86 0.74 -0.70
MOHICAN___35_KV_115KV_LD 80490	22.60 1.36 0.00	20.18 1.18 0.00	19.50 1.12 0.00	18.34 0.95 -1.22	18.57 1.10 0.00	19.97 1.18 0.00	26.81 1.49 -3.97	32.08 1.58 -9.19	30.19 1.47 -7.40	26.10 1.72 -0.10	25.13 1.58 0.00	25.59 1.61 0.00	27.09 1.48 0.00	27.13 1.37 0.00	28.34 1.43 0.14	31.40 1.71 0.23	33.39 1.74 -0.04	41.98 2.39 -1.63	40.27 2.79 -0.31	37.43 2.66 -0.26	32.57 2.17 -4.91	27.54 1.82 -2.68	25.87 1.43 -3.15	22.81 1.67 -0.72
MONGAUP___HYD 23641	22.36 1.12 0.00	19.93 0.93 0.00	19.26 0.88 0.00	17.65 0.73 -0.76	18.22 0.75 0.00	19.56 0.77 0.00	24.84 1.02 -2.48	28.03 0.98 -5.73	26.84 0.98 -4.53	25.00 1.29 0.56	24.78 1.22 0.00	25.08 1.10 0.00	26.83 1.23 0.00	27.03 1.26 0.00	28.41 1.27 -0.09	31.50 1.44 -0.15	32.89 1.39 0.11	31.82 2.20 8.34	38.04 1.71 0.84	35.75 1.93 0.70	29.59 1.48 -2.61	26.02 1.31 -1.67	24.39 1.13 -1.96	21.93 1.06 -0.45
MONTAUK___DIESEL 23721	25.86 3.46 -1.16	21.89 2.89 0.00	21.12 2.74 0.00	19.37 2.28 -0.93	20.19 2.71 -0.01	21.79 2.99 -0.01	28.48 3.65 -3.48	32.00 3.71 -6.97	32.08 3.73 -7.03	31.60 4.56 -2.77	31.50 4.26 -3.68	31.54 4.24 -3.32	31.73 4.63 -1.49	31.69 4.69 -1.23	32.06 4.87 -0.14	35.50 5.36 -0.23	37.24 5.50 -0.13	51.19 6.83 -6.40	52.23 6.58 -8.48	49.22 6.18 -8.52	44.52 4.46 -14.56	33.84 4.22 -6.59	30.00 3.66 -5.04	26.67 3.41 -2.84
MOONROAD_115KV_HARTFLD_TB1-2 355988	20.85 -0.38 0.00	18.79 -0.21 0.00	18.10 -0.28 0.00	15.61 -0.71 -0.16	17.23 -0.24 0.00	18.68 -0.11 0.00	21.04 -0.83 -0.53	20.49 -0.87 -0.04	21.19 -0.94 -0.81	24.15 -0.12 0.00	23.93 0.38 0.00	24.82 0.84 0.00	26.22 0.61 0.00	26.28 0.52 0.00	27.78 0.73 0.00	30.58 0.66 0.00	32.31 0.70 0.00	38.34 0.38 0.00	37.06 -0.11 0.00	34.52 0.00 0.00	25.39 -0.13 -0.02	22.62 -0.44 -0.02	21.05 -0.66 -0.42	19.80 -0.71 -0.09
MORTIMER_115KV_TB3 55949	21.15 -0.08 0.00	18.93 -0.08 0.00	18.27 -0.11 0.00	16.28 0.02 -0.11	17.40 -0.07 0.00	18.79 0.00 0.00	21.80 0.11 -0.35	22.19 0.06 -0.81	22.05 0.09 -0.64	24.25 -0.02 0.00	23.65 0.09 0.00	24.27 0.29 0.00	25.83 0.23 0.00	25.92 0.15 0.00	27.29 0.24 0.00	30.16 0.24 0.00	31.83 0.22 0.00	38.03 0.08 0.00	37.13 -0.04 0.00	34.52 0.00 0.00	25.85 0.00 -0.36	23.37 0.09 -0.24	21.72 0.15 -0.28	20.65 0.16 -0.06
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	22.66 1.42 0.00	20.20 1.20 0.00	19.53 1.16 0.00	18.04 0.95 -0.93	18.48 1.01 0.00	19.90 1.11 0.00	25.86 1.52 -3.00	29.85 1.58 -6.95	28.60 1.64 -5.64	26.55 1.99 -0.28	25.51 1.88 -0.07	25.84 1.80 -0.06	27.68 2.05 -0.03	27.91 2.11 -0.03	29.28 2.11 -0.13	32.40 2.27 -0.21	34.06 2.34 -0.11	44.89 3.11 -3.82	40.94 2.94 -0.83	38.01 2.80 -0.69	30.68 2.01 -3.17	26.91 1.84 -2.03	25.23 1.55 -2.38	22.29 1.33 -0.54
MUNSVILLE_WIND_PWR 323609	22.64 1.40 0.00	20.24 1.23 0.00	19.63 1.25 0.00	17.38 0.92 -0.30	18.62 1.15 0.00	20.09 1.30 0.00	23.90 1.58 -0.98	25.51 1.75 -2.44	24.80 1.64 -1.84	26.24 1.97 0.00	25.34 1.79 0.00	26.21 2.23 0.00	27.96 2.35 0.00	28.14 2.37 0.00	29.62 2.57 0.00	32.82 2.90 0.00	34.87 3.26 0.00	42.06 4.10 0.00	41.11 3.94 0.00	38.25 3.73 0.00	29.07 2.47 -1.10	25.76 2.00 -0.72	23.39 1.32 -0.77	21.84 1.25 -0.18
N SALMON___HYD 24042	20.71 -0.53 0.00	18.51 -0.49 0.00	17.86 -0.51 0.00	15.74 -0.42 0.00	17.00 -0.47 0.00	18.30 -0.49 0.00	20.68 -0.66 0.00	20.74 -0.57 0.00	20.81 -0.51 0.00	23.67 -0.61 0.00	23.32 -0.24 0.00	23.81 -0.17 0.00	25.35 -0.26 0.00	25.62 -0.15 0.00	26.94 -0.11 0.00	29.98 0.06 0.00	31.61 0.00 0.00	37.77 -0.19 0.00	36.80 -0.37 0.00	33.83 -0.69 0.00	24.86 -0.64 0.00	22.28 -0.76 0.00	20.53 -0.77 0.00	19.48 -0.94 0.00
N.AKRON___115KV_KNAPP 355671	20.94 -0.30 0.00	18.85 -0.15 0.00	18.17 -0.20 0.00	16.02 -0.27 -0.13	17.28 -0.19 0.00	18.75 -0.04 0.00	21.46 -0.32 -0.43	20.84 -0.45 0.04	21.50 -0.49 -0.67	23.91 -0.36 0.00	23.53 -0.02 0.00	24.27 0.29 0.00	25.68 0.08 0.00	25.74 -0.03 0.00	27.18 0.14 0.00	29.95 0.03 0.00	31.55 -0.06 0.00	37.47 -0.49 0.00	36.50 -0.67 0.00	34.04 -0.48 0.00	25.14 -0.36 0.00	22.74 -0.30 0.00	21.39 -0.26 -0.34	20.28 -0.22 -0.08

N.BELMOR_69_KV_BK1 55787	24.28 1.89 -1.15	20.54 1.54 0.00	19.77 1.40 0.00	18.22 1.13 -0.93	18.87 1.40 0.00	20.30 1.50 0.00	26.76 1.94 -3.48	30.28 2.00 -6.96	30.36 2.03 -7.02	29.51 2.48 -2.76	29.54 2.31 -3.67	29.52 2.23 -3.31	29.57 2.48 -1.49	29.54 2.55 -1.22	29.72 2.54 -0.13	32.88 2.75 -0.21	34.63 2.91 -0.11	48.10 3.76 -6.39	49.17 3.57 -8.43	46.41 3.38 -8.51	39.48 2.45 -11.54	31.92 2.30 -6.57	28.38 2.04 -5.03	25.07 1.82 -2.83
N.E_GEN_SANDY PD 24062	22.13 0.89 0.00	19.82 0.82 0.00	19.11 0.74 0.00	17.93 0.68 -1.09	18.22 0.75 0.00	19.60 0.81 0.00	25.90 1.02 -3.53	30.52 1.02 -8.18	28.96 1.04 -6.60	25.64 1.21 -0.15	24.62 1.06 0.00	24.94 0.96 0.00	26.63 1.03 0.00	26.80 1.06 0.03	27.20 1.08 0.93	29.63 1.23 1.52	33.00 1.33 -0.06	42.24 1.90 -2.38	39.49 1.86 -0.46	36.63 1.73 -0.39	30.69 1.35 -3.85	26.67 1.24 -2.39	25.10 1.00 -2.80	22.00 0.94 -0.64
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	22.45 1.21 0.00	20.03 1.03 0.00	19.35 0.97 0.00	17.82 0.81 -0.85	18.31 0.84 0.00	19.71 0.92 0.00	25.33 1.24 -2.75	28.94 1.26 -6.36	27.64 1.30 -5.02	26.20 1.63 -0.30	25.09 1.53 0.00	25.42 1.44 0.00	27.24 1.64 0.00	27.45 1.67 0.00	28.81 1.65 -0.11	31.92 1.83 -0.18	33.39 1.93 0.15	44.09 2.62 -3.51	38.52 2.45 1.11	35.98 2.38 0.92	30.08 1.68 -2.90	26.44 1.54 -1.86	24.80 1.32 -2.18	22.06 1.14 -0.50
N.QUEENS_27_KV_LOAD 356247	22.62 1.38 0.00	20.18 1.18 0.00	19.52 1.14 0.00	18.03 0.94 -0.93	18.47 1.00 0.00	19.88 1.09 0.00	25.85 1.52 -2.99	29.88 1.62 -6.94	28.66 1.71 -5.64	26.68 2.14 -0.27	25.62 2.00 -0.06	25.95 1.92 -0.05	27.82 2.20 -0.02	28.05 2.27 -0.02	29.36 2.19 -0.12	32.51 2.39 -0.20	34.08 2.37 -0.10	44.78 3.00 -3.82	40.90 2.90 -0.83	38.04 2.83 -0.69	30.69 2.04 -3.16	26.89 1.84 -2.01	25.23 1.55 -2.38	22.27 1.31 -0.54
N.TROY___115KV_TB1 355778	22.11 0.87 0.00	19.80 0.80 0.00	19.13 0.75 0.00	18.05 0.68 -1.21	18.24 0.77 0.00	19.60 0.81 0.00	26.28 1.02 -3.91	31.42 1.04 -9.06	29.61 1.00 -7.29	25.54 1.17 -0.11	24.57 1.01 0.00	24.94 0.96 0.00	26.63 1.02 0.00	26.77 1.00 0.00	27.93 1.05 0.18	30.89 1.26 0.29	32.98 1.33 -0.04	41.51 1.86 -1.69	39.39 1.90 -0.32	36.58 1.79 -0.27	31.61 1.40 -4.72	26.92 1.24 -2.64	25.38 0.98 -3.10	22.05 0.92 -0.71
NARROWS_GT1_1 24228	22.86 1.61 -0.01	20.36 1.35 -0.01	19.67 1.29 -0.01	18.16 1.07 -0.94	18.65 1.17 -0.01	20.01 1.22 0.00	26.02 1.67 -3.01	30.01 1.73 -6.96	33.30 1.79 -10.19	33.32 2.19 -6.86	34.51 2.10 -8.86	33.34 2.01 -7.35	35.25 2.25 -7.39	34.82 2.34 -6.70	35.25 2.35 -5.85	34.32 2.54 -1.85	34.35 2.62 -0.12	45.19 3.42 -3.82	41.23 3.23 -0.83	38.35 3.14 -0.69	30.90 2.22 -3.18	27.08 2.00 -2.04	25.40 1.72 -2.38	22.52 1.55 -0.55
NARROWS_GT1_2 24229	22.86 1.61 -0.01	20.36 1.35 -0.01	19.67 1.29 -0.01	18.16 1.07 -0.94	18.65 1.17 -0.01	20.01 1.22 0.00	26.02 1.67 -3.01	30.01 1.73 -6.96	33.30 1.79 -10.19	33.32 2.19 -6.86	34.51 2.10 -8.86	33.34 2.01 -7.35	35.25 2.25 -7.39	34.82 2.34 -6.70	35.25 2.35 -5.85	34.32 2.54 -1.85	34.35 2.62 -0.12	45.19 3.42 -3.82	41.23 3.23 -0.83	38.35 3.14 -0.69	30.90 2.22 -3.18	27.08 2.00 -2.04	25.40 1.72 -2.38	22.52 1.55 -0.55
NARROWS_GT1_3 24230	22.86 1.61 -0.01	20.36 1.35 -0.01	19.67 1.29 -0.01	18.16 1.07 -0.94	18.65 1.17 -0.01	20.01 1.22 0.00	26.02 1.67 -3.01	30.01 1.73 -6.96	33.30 1.79 -10.19	33.32 2.19 -6.86	34.51 2.10 -8.86	33.34 2.01 -7.35	35.25 2.25 -7.39	34.82 2.34 -6.70	35.25 2.35 -5.85	34.32 2.54 -1.85	34.35 2.62 -0.12	45.19 3.42 -3.82	41.23 3.23 -0.83	38.35 3.14 -0.69	30.90 2.22 -3.18	27.08 2.00 -2.04	25.40 1.72 -2.38	22.52 1.55 -0.55
NARROWS_GT1_4 24231	22.86 1.61 -0.01	20.36 1.35 -0.01	19.67 1.29 -0.01	18.16 1.07 -0.94	18.65 1.17 -0.01	20.01 1.22 0.00	26.02 1.67 -3.01	30.01 1.73 -6.96	33.30 1.79 -10.19	33.32 2.19 -6.86	34.51 2.10 -8.86	33.34 2.01 -7.35	35.25 2.25 -7.39	34.82 2.34 -6.70	35.25 2.35 -5.85	34.32 2.54 -1.85	34.35 2.62 -0.12	45.19 3.42 -3.82	41.23 3.23 -0.83	38.35 3.14 -0.69	30.90 2.22 -3.18	27.08 2.00 -2.04	25.40 1.72 -2.38	22.52 1.55 -0.55
NARROWS_GT1_5 24232	22.86 1.61 -0.01	20.36 1.35 -0.01	19.67 1.29 -0.01	18.16 1.07 -0.94	18.65 1.17 -0.01	20.01 1.22 0.00	26.02 1.67 -3.01	30.01 1.73 -6.96	33.30 1.79 -10.19	33.32 2.19 -6.86	34.51 2.10 -8.86	33.34 2.01 -7.35	35.25 2.25 -7.39	34.82 2.34 -6.70	35.25 2.35 -5.85	34.32 2.54 -1.85	34.35 2.62 -0.12	45.19 3.42 -3.82	41.23 3.23 -0.83	38.35 3.14 -0.69	30.90 2.22 -3.18	27.08 2.00 -2.04	25.40 1.72 -2.38	22.52 1.55 -0.55
NARROWS_GT1_6 24233	22.86 1.61 -0.01	20.36 1.35 -0.01	19.67 1.29 -0.01	18.16 1.07 -0.94	18.65 1.17 -0.01	20.01 1.22 0.00	26.02 1.67 -3.01	30.01 1.73 -6.96	33.30 1.79 -10.19	33.32 2.19 -6.86	34.51 2.10 -8.86	33.34 2.01 -7.35	35.25 2.25 -7.39	34.82 2.34 -6.70	35.25 2.35 -5.85	34.32 2.54 -1.85	34.35 2.62 -0.12	45.19 3.42 -3.82	41.23 3.23 -0.83	38.35 3.14 -0.69	30.90 2.22 -3.18	27.08 2.00 -2.04	25.40 1.72 -2.38	22.52 1.55 -0.55
NARROWS_GT1_7 24234	22.86 1.61 -0.01	20.36 1.35 -0.01	19.67 1.29 -0.01	18.16 1.07 -0.94	18.65 1.17 -0.01	20.01 1.22 0.00	26.02 1.67 -3.01	30.01 1.73 -6.96	33.30 1.79 -10.19	33.32 2.19 -6.86	34.51 2.10 -8.86	33.34 2.01 -7.35	35.25 2.25 -7.39	34.82 2.34 -6.70	35.25 2.35 -5.85	34.32 2.54 -1.85	34.35 2.62 -0.12	45.19 3.42 -3.82	41.23 3.23 -0.83	38.35 3.14 -0.69	30.90 2.22 -3.18	27.08 2.00 -2.04	25.40 1.72 -2.38	22.52 1.55 -0.55
NARROWS_GT1_8 24235	22.86 1.61 -0.01	20.36 1.35 -0.01	19.67 1.29 -0.01	18.16 1.07 -0.94	18.65 1.17 -0.01	20.01 1.22 0.00	26.02 1.67 -3.01	30.01 1.73 -6.96	33.30 1.79 -10.19	33.32 2.19 -6.86	34.51 2.10 -8.86	33.34 2.01 -7.35	35.25 2.25 -7.39	34.82 2.34 -6.70	35.25 2.35 -5.85	34.32 2.54 -1.85	34.35 2.62 -0.12	45.19 3.42 -3.82	41.23 3.23 -0.83	38.35 3.14 -0.69	30.90 2.22 -3.18	27.08 2.00 -2.04	25.40 1.72 -2.38	22.52 1.55 -0.55
NARROWS_GT2_1 24236	22.86 1.61 -0.01	20.36 1.35 -0.01	19.67 1.29 -0.01	18.16 1.07 -0.94	18.65 1.17 -0.01	20.01 1.22 0.00	26.02 1.67 -3.01	30.01 1.73 -6.96	33.30 1.79 -10.19	33.32 2.19 -6.86	34.51 2.10 -8.86	33.34 2.01 -7.35	35.25 2.25 -7.39	34.82 2.34 -6.70	35.25 2.35 -5.85	34.32 2.54 -1.85	34.35 2.62 -0.12	45.19 3.42 -3.82	41.23 3.23 -0.83	38.35 3.14 -0.69	30.90 2.22 -3.18	27.08 2.00 -2.04	25.40 1.72 -2.38	22.52 1.55 -0.55
NARROWS_GT2_2 24237	22.86 1.61 -0.01	20.36 1.35 -0.01	19.67 1.29 -0.01	18.16 1.07 -0.94	18.65 1.17 -0.01	20.01 1.22 0.00	26.02 1.67 -3.01	30.01 1.73 -6.96	33.30 1.79 -10.19	33.32 2.19 -6.86	34.51 2.10 -8.86	33.34 2.01 -7.35	35.25 2.25 -7.39	34.82 2.34 -6.70	35.25 2.35 -5.85	34.32 2.54 -1.85	34.35 2.62 -0.12	45.19 3.42 -3.82	41.23 3.23 -0.83	38.35 3.14 -0.69	30.90 2.22 -3.18	27.08 2.00 -2.04	25.40 1.72 -2.38	22.52 1.55 -0.55

NARROWS_GT2_3 24238	22.86 1.61 -0.01	20.36 1.35 -0.01	19.67 1.29 -0.01	18.16 1.07 -0.94	18.65 1.17 -0.01	20.01 1.22 0.00	26.02 1.67 -3.01	30.01 1.73 -6.96	33.30 1.79 -10.19	33.32 2.19 -6.86	34.51 2.10 -8.86	33.34 2.01 -7.35	35.25 2.25 -7.39	34.82 2.34 -6.70	35.25 2.35 -5.85	34.32 2.54 -1.85	34.35 2.62 -0.12	45.19 3.42 -3.82	41.23 3.23 -0.83	38.35 3.14 -0.69	30.90 2.22 -3.18	27.08 2.00 -2.04	25.40 1.72 -2.38	22.52 1.55 -0.55
NARROWS_GT2_4 24239	22.86 1.61 -0.01	20.36 1.35 -0.01	19.67 1.29 -0.01	18.16 1.07 -0.94	18.65 1.17 -0.01	20.01 1.22 0.00	26.02 1.67 -3.01	30.01 1.73 -6.96	33.30 1.79 -10.19	33.32 2.19 -6.86	34.51 2.10 -8.86	33.34 2.01 -7.35	35.25 2.25 -7.39	34.82 2.34 -6.70	35.25 2.35 -5.85	34.32 2.54 -1.85	34.35 2.62 -0.12	45.19 3.42 -3.82	41.23 3.23 -0.83	38.35 3.14 -0.69	30.90 2.22 -3.18	27.08 2.00 -2.04	25.40 1.72 -2.38	22.52 1.55 -0.55
NARROWS_GT2_5 24240	22.86 1.61 -0.01	20.36 1.35 -0.01	19.67 1.29 -0.01	18.16 1.07 -0.94	18.65 1.17 -0.01	20.01 1.22 0.00	26.02 1.67 -3.01	30.01 1.73 -6.96	33.30 1.79 -10.19	33.32 2.19 -6.86	34.51 2.10 -8.86	33.34 2.01 -7.35	35.25 2.25 -7.39	34.82 2.34 -6.70	35.25 2.35 -5.85	34.32 2.54 -1.85	34.35 2.62 -0.12	45.19 3.42 -3.82	41.23 3.23 -0.83	38.35 3.14 -0.69	30.90 2.22 -3.18	27.08 2.00 -2.04	25.40 1.72 -2.38	22.52 1.55 -0.55
NARROWS_GT2_6 24241	22.86 1.61 -0.01	20.36 1.35 -0.01	19.67 1.29 -0.01	18.16 1.07 -0.94	18.65 1.17 -0.01	20.01 1.22 0.00	26.02 1.67 -3.01	30.01 1.73 -6.96	33.30 1.79 -10.19	33.32 2.19 -6.86	34.51 2.10 -8.86	33.34 2.01 -7.35	35.25 2.25 -7.39	34.82 2.34 -6.70	35.25 2.35 -5.85	34.32 2.54 -1.85	34.35 2.62 -0.12	45.19 3.42 -3.82	41.23 3.23 -0.83	38.35 3.14 -0.69	30.90 2.22 -3.18	27.08 2.00 -2.04	25.40 1.72 -2.38	22.52 1.55 -0.55
NARROWS_GT2_7 24242	22.86 1.61 -0.01	20.36 1.35 -0.01	19.67 1.29 -0.01	18.16 1.07 -0.94	18.65 1.17 -0.01	20.01 1.22 0.00	26.02 1.67 -3.01	30.01 1.73 -6.96	33.30 1.79 -10.19	33.32 2.19 -6.86	34.51 2.10 -8.86	33.34 2.01 -7.35	35.25 2.25 -7.39	34.82 2.34 -6.70	35.25 2.35 -5.85	34.32 2.54 -1.85	34.35 2.62 -0.12	45.19 3.42 -3.82	41.23 3.23 -0.83	38.35 3.14 -0.69	30.90 2.22 -3.18	27.08 2.00 -2.04	25.40 1.72 -2.38	22.52 1.55 -0.55
NARROWS_GT2_8 24243	22.86 1.61 -0.01	20.36 1.35 -0.01	19.67 1.29 -0.01	18.16 1.07 -0.94	18.65 1.17 -0.01	20.01 1.22 0.00	26.02 1.67 -3.01	30.01 1.73 -6.96	33.30 1.79 -10.19	33.32 2.19 -6.86	34.51 2.10 -8.86	33.34 2.01 -7.35	35.25 2.25 -7.39	34.82 2.34 -6.70	35.25 2.35 -5.85	34.32 2.54 -1.85	34.35 2.62 -0.12	45.19 3.42 -3.82	41.23 3.23 -0.83	38.35 3.14 -0.69	30.90 2.22 -3.18	27.08 2.00 -2.04	25.40 1.72 -2.38	22.52 1.55 -0.55
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	22.26 1.02 0.00	19.89 0.89 0.00	19.26 0.88 0.00	18.08 0.79 -1.12	18.27 0.80 0.00	19.58 0.79 0.00	25.88 0.90 -3.64	30.63 0.87 -8.43	28.92 0.81 -6.79	25.34 0.95 -0.12	24.36 0.80 0.00	24.70 0.72 0.00	26.37 0.77 0.00	26.49 0.72 0.00	27.90 0.92 0.06	31.01 1.20 0.10	33.00 1.36 -0.03	41.78 2.01 -1.81	39.62 2.19 -0.25	36.94 2.21 -0.21	30.95 1.40 -4.06	26.79 1.29 -2.46	25.15 0.96 -2.89	22.00 0.92 -0.66
NCHELSEA_115KV_TR2 355582	22.55 1.32 0.00	20.12 1.12 0.00	19.42 1.05 0.00	17.95 0.87 -0.92	18.36 0.89 0.00	19.73 0.94 0.00	25.57 1.24 -2.99	29.49 1.26 -6.91	28.18 1.30 -5.56	26.09 1.58 -0.24	25.04 1.48 0.00	25.37 1.39 0.00	27.16 1.56 0.00	27.37 1.60 0.00	28.74 1.60 -0.10	31.91 1.83 -0.16	33.52 1.90 -0.02	44.02 2.66 -3.40	39.87 2.56 -0.13	37.15 2.52 -0.11	30.41 1.76 -3.16	26.64 1.59 -2.02	25.01 1.34 -2.37	22.15 1.18 -0.54
NEG CAPITAL___MECHNVIL 23645	22.49 1.25 0.00	20.10 1.10 0.00	19.42 1.05 0.00	18.28 0.90 -1.22	18.50 1.03 0.00	19.90 1.11 0.00	26.66 1.37 -3.95	31.89 1.43 -9.14	30.05 1.37 -7.36	25.95 1.58 -0.10	24.99 1.44 0.00	25.39 1.41 0.00	27.03 1.43 0.00	27.16 1.39 0.00	28.35 1.46 0.15	31.37 1.70 0.25	33.49 1.83 -0.04	42.11 2.50 -1.65	40.12 2.64 -0.31	37.23 2.45 -0.26	32.28 1.94 -4.85	27.37 1.66 -2.67	25.75 1.32 -3.13	22.36 1.23 -0.71
NEG CENTRAL_HIGH_ACRES 23767	20.83 -0.40 0.00	18.64 -0.36 0.00	18.01 -0.37 0.00	16.01 -0.26 -0.10	17.10 -0.37 0.00	18.49 -0.30 0.00	21.46 -0.21 -0.33	21.90 -0.19 -0.77	21.75 -0.19 -0.62	23.98 -0.29 0.00	23.34 -0.21 0.00	23.93 -0.05 0.00	25.58 -0.03 0.00	25.64 -0.13 0.00	27.02 -0.03 0.00	29.86 -0.06 0.00	31.52 -0.09 0.00	37.73 -0.23 0.00	36.80 -0.37 0.00	34.24 -0.28 0.00	25.55 -0.25 0.00	23.06 -0.21 -0.23	21.35 -0.21 -0.27	20.18 -0.31 -0.06
NEG CENTRAL___DRP 24199	21.34 0.11 0.00	19.13 0.13 0.00	18.47 0.09 0.00	16.29 0.02 -0.11	17.56 0.09 0.00	18.96 0.17 0.00	21.90 0.19 -0.36	22.79 0.26 -1.21	22.26 0.21 -0.73	24.61 0.34 0.00	23.91 0.35 0.00	24.48 0.50 0.00	26.09 0.49 0.00	26.21 0.44 0.00	27.59 0.54 0.00	30.43 0.51 0.00	32.18 0.57 0.00	38.57 0.61 0.00	37.65 0.48 0.00	35.00 0.48 0.00	26.40 0.36 -0.54	23.65 0.25 -0.36	21.74 0.15 -0.29	20.65 0.16 -0.07
NEG CENTRAL___INDECK 23768	21.85 0.62 0.00	19.57 0.57 0.00	18.91 0.53 0.00	16.64 0.32 -0.16	17.94 0.47 0.00	19.45 0.66 0.00	22.49 0.64 -0.51	27.10 0.68 -5.10	23.44 0.60 -1.53	25.10 0.83 0.00	24.50 0.94 0.00	25.20 1.22 0.00	26.88 1.28 0.00	26.88 1.11 0.00	28.32 1.27 0.00	31.33 1.41 0.00	33.22 1.61 0.00	39.86 1.90 0.00	38.95 1.78 0.00	36.31 1.79 0.00	28.98 1.15 -2.34	25.49 0.92 -1.52	22.32 0.62 -0.40	21.21 0.69 -0.09
NEG CENTRAL___SENECA 23627	21.41 0.17 0.00	19.19 0.19 0.00	18.52 0.15 0.00	16.32 0.03 -0.13	17.63 0.16 0.00	19.04 0.24 0.00	22.04 0.28 -0.42	23.20 0.34 -1.54	22.47 0.30 -0.86	24.78 0.51 0.00	24.12 0.57 0.00	24.77 0.79 0.00	26.34 0.74 0.00	26.46 0.70 0.00	27.86 0.81 0.00	30.76 0.84 0.00	32.50 0.89 0.00	38.91 0.95 0.00	37.91 0.74 0.00	35.24 0.72 0.00	26.75 0.56 -0.70	23.91 0.41 -0.45	21.84 0.21 -0.33	20.70 0.20 -0.07
NEG CENTRAL___STATE_STREET 24147	21.62 0.38 0.00	19.36 0.36 0.00	18.73 0.35 0.00	16.50 0.23 -0.11	17.77 0.30 0.00	19.17 0.38 0.00	22.14 0.45 -0.35	22.80 0.51 -0.97	22.49 0.49 -0.68	24.88 0.61 0.00	24.10 0.54 0.00	24.68 0.70 0.00	26.29 0.69 0.00	26.41 0.64 0.00	27.83 0.78 0.00	30.70 0.78 0.00	32.53 0.92 0.00	39.02 1.06 0.00	38.14 0.97 0.00	35.45 0.93 0.00	26.57 0.64 -0.43	23.88 0.55 -0.28	22.00 0.43 -0.28	20.92 0.43 -0.06
NEG MILLWOOD___DRP 24198	22.66 1.42 0.00	20.22 1.22 0.00	19.52 1.14 0.00	18.07 0.95 -0.95	18.48 1.01 0.00	19.86 1.07 0.00	25.83 1.41 -3.08	29.90 1.45 -7.13	28.61 1.53 -5.76	26.34 1.84 -0.22	25.25 1.70 0.00	25.56 1.58 0.00	27.42 1.82 0.00	27.63 1.86 0.00	29.03 1.87 -0.11	32.20 2.09 -0.18	33.82 2.15 -0.06	44.33 3.04 -3.33	40.51 2.90 -0.44	37.65 2.76 -0.37	30.69 1.94 -3.26	26.87 1.75 -2.08	25.19 1.45 -2.44	22.22 1.25 -0.56



NEG NORTH_FLCN_SEA 23793	20.68 -0.55 0.00	18.47 -0.53 0.00	17.83 -0.55 0.00	15.69 -0.47 0.00	16.93 -0.54 0.00	18.23 -0.56 0.00	20.64 -0.70 0.00	20.94 -0.38 0.00	20.76 -0.55 0.00	23.64 -0.63 0.00	23.37 -0.19 0.00	23.86 -0.12 0.00	25.37 -0.23 0.00	25.69 -0.08 0.00	27.32 0.27 0.00	30.43 0.51 0.00	31.71 0.09 0.00	37.92 -0.04 0.00	36.98 -0.19 0.00	33.93 -0.59 0.00	24.91 -0.59 0.00	22.28 -0.76 0.00	20.42 -0.87 0.00	19.40 -1.02 0.00
NEG NORTH_KES_CHATEGAY 23792	20.56 -0.68 0.00	18.34 -0.67 0.00	17.72 -0.66 0.00	15.58 -0.58 0.00	16.81 -0.66 0.00	18.10 -0.70 0.00	20.49 -0.85 0.00	20.55 -0.77 0.00	20.62 -0.70 0.00	23.47 -0.80 0.00	23.15 -0.40 0.00	23.64 -0.34 0.00	25.17 -0.44 0.00	25.46 -0.31 0.00	26.78 -0.27 0.00	29.77 -0.15 0.00	31.42 -0.19 0.00	37.58 -0.38 0.00	36.65 -0.52 0.00	33.69 -0.83 0.00	24.71 -0.79 0.00	22.14 -0.90 0.00	20.32 -0.98 0.00	19.32 -1.10 0.00
NEG NORTH___ALICE_FALLS 23915	20.68 -0.55 0.00	18.45 -0.55 0.00	17.81 -0.57 0.00	15.68 -0.48 0.00	16.93 -0.54 0.00	18.23 -0.56 0.00	20.62 -0.73 0.00	20.89 -0.43 0.00	20.76 -0.55 0.00	23.64 -0.63 0.00	23.37 -0.19 0.00	23.86 -0.12 0.00	25.37 -0.23 0.00	25.69 -0.08 0.00	27.26 0.22 0.00	30.37 0.45 0.00	31.71 0.09 0.00	37.96 0.00 0.00	36.98 -0.19 0.00	33.97 -0.55 0.00	24.91 -0.59 0.00	22.28 -0.76 0.00	20.42 -0.87 0.00	19.40 -1.02 0.00
NEG NORTH___LWR_SARANAC 23913	20.68 -0.55 0.00	18.45 -0.55 0.00	17.81 -0.57 0.00	15.68 -0.48 0.00	16.93 -0.54 0.00	18.23 -0.56 0.00	20.62 -0.73 0.00	20.89 -0.43 0.00	20.76 -0.55 0.00	23.64 -0.63 0.00	23.37 -0.19 0.00	23.86 -0.12 0.00	25.37 -0.23 0.00	25.69 -0.08 0.00	27.26 0.22 0.00	30.37 0.45 0.00	31.71 0.09 0.00	37.96 0.00 0.00	36.98 -0.19 0.00	33.97 -0.55 0.00	24.91 -0.59 0.00	22.28 -0.76 0.00	20.42 -0.87 0.00	19.40 -1.02 0.00
NEG NORTH___PLATTSBURG 23628	20.66 -0.57 0.00	18.45 -0.55 0.00	17.81 -0.57 0.00	15.68 -0.48 0.00	16.93 -0.54 0.00	18.23 -0.56 0.00	20.62 -0.73 0.00	20.89 -0.43 0.00	20.79 -0.53 0.00	23.64 -0.63 0.00	23.37 -0.19 0.00	23.86 -0.12 0.00	25.37 -0.23 0.00	25.69 -0.08 0.00	27.26 0.22 0.00	30.37 0.45 0.00	31.71 0.10 0.00	37.92 -0.04 0.00	36.99 -0.18 0.00	33.90 -0.62 0.00	24.88 -0.61 0.00	22.23 -0.81 0.00	20.42 -0.87 0.00	19.36 -1.06 0.00
NEG WEST_LEA_LOCKPORT 23791	20.58 -0.66 0.00	18.56 -0.44 0.00	17.86 -0.51 0.00	15.74 -0.57 -0.14	17.00 -0.47 0.00	18.43 -0.36 0.00	21.09 -0.70 -0.45	20.19 -0.92 0.21	21.03 -0.96 -0.67	23.45 -0.83 0.00	23.08 -0.47 0.00	23.84 -0.14 0.00	25.19 -0.41 0.00	25.25 -0.52 0.00	26.64 -0.41 0.00	29.32 -0.60 0.00	30.85 -0.76 0.00	36.59 -1.37 0.00	35.57 -1.60 0.00	33.21 -1.31 0.00	24.48 -0.94 0.07	22.21 -0.78 0.05	20.98 -0.68 -0.36	19.93 -0.57 -0.08
NEG WEST___LANCASTR 23811	21.26 0.02 0.00	19.17 0.17 0.00	18.45 0.07 0.00	15.29 -1.03 -0.16	17.56 0.09 0.00	19.04 0.24 0.00	20.62 -1.24 -0.52	19.91 -1.34 0.07	20.70 -1.41 -0.79	24.27 0.00 0.00	23.91 0.35 0.00	24.70 0.72 0.00	26.11 0.51 0.00	26.23 0.46 0.00	27.67 0.62 0.00	30.43 0.51 0.00	32.15 0.54 0.00	38.15 0.19 0.00	36.95 -0.22 0.00	34.52 0.00 0.00	25.45 -0.03 0.02	22.36 -0.67 0.01	20.52 -1.19 -0.41	19.35 -1.16 -0.09
NEG_PENN_ALLEGHNY 23528	21.68 0.45 0.00	19.44 0.44 0.00	18.78 0.40 0.00	16.67 0.21 -0.30	17.84 0.37 0.00	19.20 0.41 0.00	22.75 0.43 -0.98	24.06 0.47 -2.27	23.57 0.43 -1.82	25.00 0.73 0.00	24.29 0.73 0.00	24.84 0.86 0.00	26.50 0.90 0.00	26.65 0.88 0.00	27.99 0.95 0.00	30.94 1.02 0.00	32.75 1.14 0.00	39.32 1.36 0.00	38.32 1.15 0.00	35.66 1.14 0.00	27.28 0.76 -1.02	24.30 0.60 -0.66	22.46 0.38 -0.78	21.13 0.53 -0.18
NEG___GEN_MONROE 24207	21.19 -0.04 0.00	19.00 0.00 0.00	18.34 -0.04 0.00	16.32 0.05 -0.11	17.43 -0.03 0.00	18.87 0.08 0.00	21.78 0.09 -0.35	22.00 0.02 -0.66	21.97 0.02 -0.63	24.22 -0.05 0.00	23.65 0.09 0.00	24.27 0.29 0.00	25.83 0.23 0.00	25.90 0.13 0.00	27.29 0.24 0.00	30.10 0.18 0.00	31.77 0.16 0.00	37.92 -0.04 0.00	37.02 -0.15 0.00	34.45 -0.07 0.00	25.75 -0.03 -0.28	23.29 0.07 -0.19	21.77 0.19 -0.28	20.67 0.18 -0.06
NEPA___ENERGY 23901	21.00 -0.23 0.00	18.94 -0.06 0.00	18.21 -0.17 0.00	15.73 -0.60 -0.16	17.33 -0.14 0.00	18.77 -0.02 0.00	21.23 -0.64 -0.53	20.51 -0.70 0.11	21.28 -0.83 -0.79	24.15 -0.12 0.00	23.77 0.21 0.00	24.58 0.60 0.00	25.99 0.38 0.00	26.10 0.33 0.00	27.53 0.49 0.00	30.31 0.39 0.00	32.05 0.44 0.00	38.07 0.11 0.00	36.80 -0.37 0.00	34.35 -0.17 0.00	25.32 -0.13 0.05	22.66 -0.35 0.03	21.14 -0.58 -0.42	19.95 -0.57 -0.10
NEVERSINK___HYD 23608	22.19 0.96 0.00	19.78 0.78 0.00	19.11 0.74 0.00	17.55 0.60 -0.79	18.06 0.59 0.00	19.39 0.60 0.00	24.75 0.85 -2.55	28.08 0.85 -5.91	26.91 1.02 -4.57	25.58 1.31 0.00	24.80 1.25 0.00	25.15 1.17 0.00	26.88 1.28 0.00	27.13 1.36 0.00	28.45 1.35 -0.05	31.53 1.53 -0.08	33.01 1.42 0.02	40.42 2.05 -0.41	38.93 1.93 0.18	36.34 1.97 0.15	29.56 1.35 -2.71	25.96 1.20 -1.72	24.30 0.98 -2.02	21.78 0.90 -0.46
NEWKRMKL_115KV_TB1 55635	21.77 0.53 0.00	19.50 0.49 0.00	18.87 0.50 0.00	17.83 0.47 -1.20	17.99 0.52 0.00	19.32 0.53 0.00	25.86 0.64 -3.88	30.96 0.66 -8.98	29.17 0.62 -7.23	25.13 0.75 -0.11	24.17 0.61 0.00	24.56 0.58 0.00	26.27 0.67 0.00	26.41 0.64 0.00	27.60 0.68 0.13	30.52 0.81 0.21	32.54 0.89 -0.04	40.89 1.25 -1.68	38.79 1.30 -0.32	35.99 1.21 -0.26	30.95 0.94 -4.51	26.49 0.83 -2.62	24.97 0.60 -3.08	21.63 0.51 -0.70
NEWTON___FALLS_HYD 23847	21.26 0.02 0.00	19.00 0.00 0.00	18.38 0.00 0.00	16.20 0.02 -0.02	17.49 0.02 0.00	18.83 0.04 0.00	21.44 0.02 -0.08	21.46 -0.04 -0.18	21.42 -0.04 -0.15	24.15 -0.12 0.00	23.53 -0.02 0.00	24.05 0.07 0.00	25.63 0.03 0.00	25.82 0.05 0.00	27.15 0.11 0.00	30.07 0.15 0.00	31.77 0.16 0.00	38.11 0.15 0.00	37.17 0.00 0.00	34.45 -0.07 0.00	25.34 -0.23 -0.07	22.95 -0.14 -0.05	21.15 -0.21 -0.06	20.17 -0.27 -0.01
NGRID_A1_DSASP 323792	20.13 -1.11 0.00	18.15 -0.85 0.00	17.50 -0.88 0.00	15.45 -0.86 -0.14	16.61 -0.86 0.00	18.02 -0.77 0.00	20.79 -1.02 -0.47	20.17 -0.94 0.21	20.66 -1.34 -0.69	22.89 -1.38 0.00	22.54 -1.01 0.00	23.26 -0.72 0.00	24.81 -0.79 0.00	24.74 -1.03 0.00	26.02 -1.03 0.00	28.69 -1.23 0.00	30.09 -1.52 0.00	35.68 -2.28 0.00	34.64 -2.53 0.00	32.38 -2.14 0.00	23.90 -1.50 0.09	21.76 -1.22 0.06	20.58 -1.09 -0.37	19.73 -0.78 -0.08
NGRID_A2_DSASP 323793	20.13 -1.11 0.00	18.15 -0.85 0.00	17.50 -0.88 0.00	15.45 -0.86 -0.14	16.61 -0.86 0.00	18.02 -0.77 0.00	20.79 -1.02 -0.47	20.17 -0.94 0.21	20.66 -1.34 -0.69	22.89 -1.38 0.00	22.54 -1.01 0.00	23.26 -0.72 0.00	24.81 -0.79 0.00	24.74 -1.03 0.00	26.02 -1.03 0.00	28.69 -1.23 0.00	30.09 -1.52 0.00	35.68 -2.28 0.00	34.64 -2.53 0.00	32.38 -2.14 0.00	23.90 -1.50 0.09	21.76 -1.22 0.06	20.58 -1.09 -0.37	19.73 -0.78 -0.08

NGRID_A4_DSASP 323807	20.13 -1.10 0.00	18.15 -0.86 0.00	17.46 -0.92 0.00	15.45 -0.86 -0.14	16.74 -0.73 0.00	18.02 -0.77 0.00	20.76 -1.05 -0.47	20.17 -0.94 0.21	20.66 -1.34 -0.69	22.89 -1.38 0.00	22.54 -1.01 0.00	23.26 -0.72 0.00	24.58 -1.02 0.00	24.61 -1.16 0.00	25.96 -1.08 0.00	28.57 -1.35 0.00	30.03 -1.58 0.00	35.61 -2.35 0.00	34.64 -2.53 0.00	32.31 -2.21 0.00	23.85 -1.56 0.09	21.72 -1.27 0.06	20.62 -1.04 -0.37	19.61 -0.90 -0.08
NIAGARA_115E_LBMP 323715	20.24 -1.00 0.00	18.30 -0.70 0.00	17.62 -0.75 0.00	15.53 -0.78 -0.14	16.74 -0.73 0.00	18.15 -0.64 0.00	20.80 -1.00 -0.46	19.84 -1.28 0.20	20.68 -1.32 -0.69	22.99 -1.29 0.00	22.64 -0.92 0.00	23.38 -0.60 0.00	24.94 -0.67 0.00	24.87 -0.90 0.00	26.15 -0.89 0.00	28.84 -1.08 0.00	30.25 -1.36 0.00	35.91 -2.05 0.00	34.83 -2.34 0.00	32.59 -1.93 0.00	24.04 -1.38 0.08	21.82 -1.17 0.05	20.60 -1.06 -0.37	19.79 -0.72 -0.08
NIAGARA_115W_LBMP 323714	20.09 -1.15 0.00	18.11 -0.89 0.00	17.44 -0.94 0.00	15.42 -0.89 -0.14	16.56 -0.91 0.00	17.96 -0.83 0.00	20.74 -1.07 -0.47	20.16 -0.96 0.20	20.60 -1.41 -0.69	22.82 -1.46 0.00	22.47 -1.08 0.00	23.19 -0.79 0.00	24.73 -0.87 0.00	24.66 -1.11 0.00	25.94 -1.11 0.00	28.60 -1.32 0.00	30.00 -1.61 0.00	35.57 -2.39 0.00	34.53 -2.64 0.00	32.28 -2.24 0.00	23.83 -1.58 0.09	21.69 -1.29 0.05	20.54 -1.13 -0.37	19.67 -0.84 -0.08
NIAGARA_230_LBMP 323716	20.39 -0.85 0.00	18.37 -0.63 0.00	17.70 -0.68 0.00	15.61 -0.69 -0.14	16.81 -0.66 0.00	18.23 -0.56 0.00	21.00 -0.81 -0.46	20.10 -1.04 0.18	20.87 -1.13 -0.68	23.18 -1.09 0.00	22.80 -0.75 0.00	23.52 -0.46 0.00	25.09 -0.51 0.00	25.02 -0.75 0.00	26.32 -0.73 0.00	29.02 -0.90 0.00	30.47 -1.14 0.00	36.14 -1.82 0.00	35.09 -2.08 0.00	32.79 -1.72 0.00	24.22 -1.20 0.08	22.00 -0.99 0.05	20.79 -0.87 -0.37	19.96 -0.55 -0.08
NIAGARA__115KV_198_GIBSON 55903	20.07 -1.17 0.00	18.11 -0.89 0.00	17.42 -0.96 0.00	15.42 -0.89 -0.14	16.70 -0.77 0.00	17.96 -0.83 0.00	20.70 -1.11 -0.47	20.16 -0.96 0.20	20.60 -1.41 -0.69	22.82 -1.46 0.00	22.47 -1.08 0.00	23.19 -0.79 0.00	24.50 -1.10 0.00	24.53 -1.24 0.00	25.88 -1.16 0.00	28.48 -1.44 0.00	29.97 -1.64 0.00	35.49 -2.47 0.00	34.53 -2.64 0.00	32.21 -2.31 0.00	23.78 -1.63 0.09	21.65 -1.34 0.05	20.56 -1.11 -0.37	19.57 -0.94 -0.08
NIAGARA____ 23760	20.39 -0.85 0.00	18.37 -0.63 0.00	17.70 -0.68 0.00	15.61 -0.69 -0.14	16.81 -0.66 0.00	18.23 -0.56 0.00	21.00 -0.81 -0.47	20.09 -1.04 0.19	20.87 -1.13 -0.69	23.18 -1.09 0.00	22.80 -0.75 0.00	23.52 -0.46 0.00	25.09 -0.51 0.00	25.02 -0.75 0.00	26.32 -0.73 0.00	29.02 -0.90 0.00	30.47 -1.14 0.00	36.14 -1.82 0.00	35.09 -2.08 0.00	32.79 -1.72 0.00	24.22 -1.20 0.08	22.00 -0.99 0.05	20.79 -0.87 -0.37	19.96 -0.55 -0.08
NINE_MILE_1 23575	20.79 -0.45 0.00	18.60 -0.40 0.00	17.97 -0.40 0.00	15.87 -0.34 -0.05	17.09 -0.38 0.00	18.40 -0.40 0.00	21.07 -0.45 -0.17	21.25 -0.47 -0.40	21.15 -0.49 -0.32	23.67 -0.61 0.00	22.97 -0.59 0.00	23.38 -0.60 0.00	24.96 -0.64 0.00	25.10 -0.67 0.00	26.34 -0.70 0.00	29.11 -0.81 0.00	30.76 -0.85 0.00	36.94 -1.02 0.00	36.13 -1.04 0.00	33.55 -0.97 0.00	24.94 -0.71 -0.16	22.56 -0.60 -0.12	20.99 -0.45 -0.14	20.05 -0.41 -0.03
NINE_MILE_2 23744	20.79 -0.45 0.00	18.60 -0.40 0.00	17.99 -0.39 0.00	15.87 -0.34 -0.05	17.09 -0.38 0.00	18.40 -0.40 0.00	21.06 -0.45 -0.17	21.25 -0.47 -0.40	21.15 -0.49 -0.32	23.67 -0.61 0.00	22.97 -0.59 0.00	23.38 -0.60 0.00	24.96 -0.64 0.00	25.10 -0.67 0.00	26.34 -0.70 0.00	29.11 -0.81 0.00	30.76 -0.85 0.00	36.94 -1.02 0.00	36.13 -1.04 0.00	33.55 -0.97 0.00	24.94 -0.71 -0.16	22.56 -0.60 -0.12	20.99 -0.45 -0.14	20.05 -0.41 -0.03
NM_CAPITAL____DRP 24208	21.81 0.57 0.00	19.55 0.55 0.00	18.93 0.55 0.00	17.86 0.50 -1.19	18.03 0.56 0.00	19.37 0.58 0.00	25.90 0.68 -3.87	30.98 0.70 -8.96	29.26 0.72 -7.22	25.23 0.85 -0.11	24.26 0.71 0.00	24.63 0.65 0.00	26.32 0.72 0.00	26.46 0.70 0.00	27.64 0.73 0.14	30.56 0.87 0.23	32.60 0.95 -0.04	41.03 1.37 -1.70	38.87 1.38 -0.32	36.03 1.24 -0.27	30.98 0.99 -4.49	26.53 0.88 -2.61	25.00 0.64 -3.07	21.67 0.55 -0.70
NM_CENTRAL____DRP 24181	21.26 0.02 0.00	19.02 0.02 0.00	18.40 0.02 0.00	16.24 0.00 -0.08	17.49 0.02 0.00	18.83 0.04 0.00	21.70 0.09 -0.27	22.03 0.09 -0.63	21.89 0.06 -0.50	24.35 0.07 0.00	23.63 0.07 0.00	24.12 0.14 0.00	25.73 0.13 0.00	25.85 0.08 0.00	27.13 0.08 0.00	29.92 0.00 0.00	31.67 0.06 0.00	38.00 0.04 0.00	37.13 -0.04 0.00	34.48 -0.03 0.00	25.75 0.00 -0.25	23.27 0.05 -0.18	21.56 0.04 -0.21	20.55 0.08 -0.05
NM_FRONTIER____DRP 24179	20.07 -1.17 0.00	18.11 -0.89 0.00	17.42 -0.96 0.00	15.42 -0.89 -0.14	16.70 -0.77 0.00	17.96 -0.83 0.00	20.70 -1.11 -0.47	20.16 -0.96 0.20	20.60 -1.41 -0.69	22.82 -1.46 0.00	22.47 -1.08 0.00	23.19 -0.79 0.00	24.50 -1.10 0.00	24.53 -1.24 0.00	25.88 -1.16 0.00	28.48 -1.44 0.00	29.97 -1.64 0.00	35.49 -2.47 0.00	34.53 -2.64 0.00	32.21 -2.31 0.00	23.78 -1.63 0.09	21.65 -1.34 0.05	20.56 -1.11 -0.37	19.57 -0.94 -0.08
NM_ST_REGIS____HYD 24053	20.83 -0.40 0.00	18.62 -0.38 0.00	18.01 -0.37 0.00	15.87 -0.29 0.00	17.14 -0.33 0.00	18.45 -0.34 0.00	20.87 -0.47 0.00	20.87 -0.45 0.00	20.89 -0.43 0.00	23.74 -0.53 0.00	23.23 -0.33 0.00	23.74 -0.24 0.00	25.27 -0.33 0.00	25.51 -0.26 0.00	26.80 -0.24 0.00	29.80 -0.12 0.00	31.42 -0.19 0.00	37.54 -0.42 0.00	36.50 -0.67 0.00	33.69 -0.83 0.00	24.81 -0.69 0.00	22.44 -0.60 0.00	20.72 -0.58 0.00	19.79 -0.63 0.00
NORTHPORT____1 23551	24.62 2.23 -1.16	20.88 1.88 0.00	20.09 1.71 0.00	18.54 1.46 -0.93	19.23 1.75 -0.01	20.66 1.86 -0.01	27.15 2.33 -3.48	30.64 2.35 -6.98	30.71 2.37 -7.03	29.88 2.84 -2.77	29.90 2.66 -3.68	29.89 2.59 -3.32	29.94 2.84 -1.49	29.91 2.91 -1.23	30.10 2.92 -0.14	33.28 3.14 -0.22	35.18 3.45 -0.13	48.64 4.29 -6.39	49.58 3.98 -8.43	46.86 3.83 -8.51	39.78 2.63 -11.66	32.20 2.58 -6.58	28.72 2.38 -5.04	25.46 2.21 -2.84
NORTHPORT____2 23552	24.62 2.23 -1.16	20.88 1.88 0.00	20.09 1.71 0.00	18.54 1.46 -0.93	19.23 1.75 -0.01	20.66 1.86 -0.01	27.15 2.33 -3.48	30.64 2.35 -6.98	30.71 2.37 -7.03	29.88 2.84 -2.77	29.90 2.66 -3.68	29.89 2.59 -3.32	29.94 2.84 -1.49	29.91 2.91 -1.23	30.10 2.92 -0.14	33.28 3.14 -0.22	35.18 3.45 -0.13	48.64 4.29 -6.39	49.58 3.98 -8.43	46.86 3.83 -8.51	39.78 2.63 -11.66	32.20 2.58 -6.58	28.72 2.38 -5.04	25.46 2.21 -2.84
NORTHPORT____3 23553	24.32 1.93 -1.15	20.44 1.44 0.00	19.66 1.29 0.00	18.14 1.05 -0.93	18.90 1.43 0.00	20.28 1.48 0.00	26.91 2.09 -3.48	30.46 2.18 -6.97	30.51 2.18 -7.02	29.70 2.67 -2.76	29.44 2.21 -3.67	29.42 2.13 -3.31	29.47 2.38 -1.49	29.44 2.45 -1.22	29.36 2.19 -0.13	32.49 2.36 -0.21	34.39 2.66 -0.12	47.91 3.57 -6.39	48.94 3.35 -8.43	46.06 3.04 -8.51	39.20 2.42 -11.28	31.73 2.12 -6.57	28.42 2.09 -5.03	25.19 1.94 -2.83

NORTHPORT___4 23650	24.32 1.93 -1.15	20.44 1.44 0.00	19.66 1.29 0.00	18.14 1.05 -0.93	18.90 1.43 0.00	20.28 1.48 0.00	26.91 2.09 -3.48	30.46 2.18 -6.97	30.51 2.18 -7.02	29.70 2.67 -2.76	29.44 2.21 -3.67	29.42 2.13 -3.31	29.47 2.38 -1.49	29.44 2.45 -1.22	29.36 2.19 -0.13	32.49 2.36 -0.21	34.39 2.66 -0.12	47.91 3.57 -6.39	48.94 3.35 -8.43	46.06 3.04 -8.51	39.20 2.42 -11.28	31.73 2.12 -6.57	28.42 2.09 -5.03	25.19 1.94 -2.83
NORTHPORT___IC 23718	24.62 2.23 -1.16	20.88 1.88 0.00	20.09 1.71 0.00	18.54 1.46 -0.93	19.23 1.75 -0.01	20.66 1.86 -0.01	27.15 2.33 -3.48	30.64 2.35 -6.98	30.71 2.37 -7.03	29.88 2.84 -2.77	29.90 2.66 -3.68	29.89 2.59 -3.32	29.94 2.84 -1.49	29.91 2.91 -1.23	30.10 2.92 -0.14	33.28 3.14 -0.22	35.18 3.45 -0.13	48.64 4.29 -6.39	49.58 3.98 -8.43	46.86 3.83 -8.51	39.78 2.63 -11.66	32.20 2.58 -6.58	28.72 2.38 -5.04	25.46 2.21 -2.84
NORTH___COUNTRY_ESR 323785	20.49 -0.74 0.00	18.32 -0.68 0.00	17.68 -0.70 0.00	15.55 -0.61 0.00	16.79 -0.68 0.00	18.08 -0.71 0.00	20.45 -0.90 0.00	20.51 -0.81 0.00	20.59 -0.72 0.00	23.42 -0.85 0.00	23.11 -0.45 0.00	23.60 -0.38 0.00	25.11 -0.49 0.00	25.41 -0.36 0.00	26.72 -0.32 0.00	29.68 -0.24 0.00	31.33 -0.29 0.00	37.43 -0.53 0.00	36.54 -0.63 0.00	33.55 -0.97 0.00	24.63 -0.87 0.00	22.05 -0.99 0.00	20.28 -1.02 0.00	19.24 -1.19 0.00
NPX_GEN_1385_PROXY 323591	24.24 1.85 -1.16	20.54 1.54 0.00	19.74 1.36 0.00	18.32 1.23 -0.93	18.96 1.48 -0.01	20.38 1.58 -0.01	26.90 2.07 -3.48	30.28 1.98 -6.98	30.33 1.98 -7.03	29.30 2.26 -2.77	29.02 1.79 -3.68	28.90 1.61 -3.32	28.99 1.89 -1.49	29.19 2.19 -1.23	29.29 2.11 -0.14	32.50 2.36 -0.22	34.42 2.69 -0.13	47.73 3.38 -6.39	48.21 2.60 -8.43	43.50 2.52 -6.46	38.94 1.78 -11.66	31.60 1.98 -6.58	28.32 1.98 -5.04	25.08 1.82 -2.84
NPX_GEN_CSC 323557	25.09 2.70 -1.16	21.20 2.20 0.00	20.43 2.06 0.00	18.83 1.75 -0.93	19.64 2.17 -0.01	21.07 2.27 -0.01	27.67 2.84 -3.48	31.17 2.88 -6.98	31.20 2.86 -7.03	30.56 3.52 -2.77	30.46 3.23 -3.68	30.46 3.17 -3.32	30.58 3.48 -1.49	30.48 3.48 -1.23	30.79 3.60 -0.14	33.98 3.83 -0.22	35.79 4.05 -0.14	49.48 5.12 -6.40	50.52 4.87 -8.48	47.63 4.59 -8.52	43.44 3.39 -14.55	32.83 3.20 -6.59	29.26 2.92 -5.04	26.00 2.74 -2.84
NSINS_S_GLNS_FALLS 23858	22.60 1.36 0.00	20.18 1.18 0.00	19.52 1.14 0.00	18.34 0.95 -1.23	18.57 1.10 0.00	19.97 1.18 0.00	26.81 1.49 -3.97	32.11 1.60 -9.19	30.17 1.45 -7.40	26.12 1.75 -0.10	25.13 1.58 0.00	25.59 1.61 0.00	27.06 1.46 0.00	27.13 1.37 0.00	28.31 1.41 0.14	31.37 1.68 0.23	33.36 1.71 -0.04	41.94 2.35 -1.62	40.27 2.79 -0.31	37.43 2.66 -0.26	32.60 2.19 -4.91	27.54 1.82 -2.68	25.87 1.43 -3.15	22.85 1.72 -0.72
NUCOR_STEEL___DRP 24197	21.49 0.25 0.00	19.27 0.27 0.00	18.62 0.24 0.00	16.41 0.15 -0.10	17.66 0.19 0.00	19.05 0.26 0.00	21.98 0.30 -0.33	22.46 0.36 -0.77	22.28 0.34 -0.62	24.69 0.41 0.00	23.88 0.33 0.00	24.46 0.48 0.00	26.06 0.46 0.00	26.18 0.41 0.00	27.59 0.54 0.00	30.43 0.51 0.00	32.21 0.60 0.00	38.68 0.72 0.00	37.80 0.63 0.00	35.14 0.62 0.00	26.22 0.41 -0.31	23.63 0.37 -0.23	21.86 0.30 -0.27	20.79 0.31 -0.06
NUMBER_THREE_WT_PWR 323818	21.60 0.36 0.00	19.30 0.30 0.00	18.69 0.31 0.00	16.44 0.24 -0.03	17.77 0.30 0.00	19.15 0.36 0.00	21.88 0.43 -0.11	21.81 0.23 -0.26	21.78 0.26 -0.21	24.52 0.24 0.00	23.79 0.24 0.00	24.34 0.36 0.00	25.93 0.33 0.00	26.10 0.33 0.00	27.45 0.41 0.00	30.34 0.42 0.00	32.11 0.50 0.00	38.64 0.68 0.00	37.88 0.70 0.00	35.11 0.59 0.00	25.75 0.15 -0.10	23.25 0.14 -0.08	21.37 -0.02 -0.09	20.36 -0.08 -0.02
NYISO_LBMP_REFERENCE 24008	21.24 0.00 0.00	19.00 0.00 0.00	18.38 0.00 0.00	16.16 0.00 0.00	17.47 0.00 0.00	18.79 0.00 0.00	21.34 0.00 0.00	21.32 0.00 0.00	21.32 0.00 0.00	24.27 0.00 0.00	23.56 0.00 0.00	23.98 0.00 0.00	25.60 0.00 0.00	25.77 0.00 0.00	27.05 0.00 0.00	29.92 0.00 0.00	31.61 0.00 0.00	37.96 0.00 0.00	37.17 0.00 0.00	34.52 0.00 0.00	25.50 0.00 0.00	23.04 0.00 0.00	21.30 0.00 0.00	20.42 0.00 0.00
NYPA_BRENTWD___GT 24164	24.92 2.53 -1.16	21.07 2.07 0.00	20.27 1.89 0.00	18.69 1.60 -0.93	19.42 1.94 -0.01	20.87 2.07 -0.01	27.43 2.60 -3.48	30.96 2.66 -6.98	31.01 2.66 -7.03	30.27 3.23 -2.76	30.25 3.02 -3.68	30.24 2.95 -3.32	30.35 3.25 -1.49	30.27 3.27 -1.23	30.48 3.30 -0.14	33.70 3.56 -0.22	35.66 3.92 -0.13	49.29 4.93 -6.39	50.26 4.65 -8.44	47.45 4.42 -8.51	40.80 3.11 -12.19	32.55 2.93 -6.58	29.00 2.66 -5.04	25.75 2.49 -2.83
NYPA_GOWANUS___GT5 24156	22.86 1.61 -0.01	20.36 1.35 -0.01	19.67 1.29 -0.01	18.16 1.07 -0.94	18.65 1.17 -0.01	20.01 1.22 0.00	26.02 1.67 -3.01	30.01 1.73 -6.96	33.30 1.79 -10.19	33.32 2.19 -6.86	34.51 2.10 -8.86	33.34 2.01 -7.35	35.25 2.25 -7.39	34.82 2.34 -6.70	35.25 2.35 -5.85	34.32 2.54 -1.85	34.35 2.62 -0.12	45.19 3.42 -3.82	41.23 3.23 -0.83	38.35 3.14 -0.69	30.90 2.22 -3.18	27.08 2.00 -2.04	25.40 1.72 -2.38	22.52 1.55 -0.55
NYPA_GOWANUS___GT6 24157	22.86 1.61 -0.01	20.36 1.35 -0.01	19.67 1.29 -0.01	18.16 1.07 -0.94	18.65 1.17 -0.01	20.01 1.22 0.00	26.02 1.67 -3.01	30.01 1.73 -6.96	33.30 1.79 -10.19	33.32 2.19 -6.86	34.51 2.10 -8.86	33.34 2.01 -7.35	35.25 2.25 -7.39	34.82 2.34 -6.70	35.25 2.35 -5.85	34.32 2.54 -1.85	34.35 2.62 -0.12	45.19 3.42 -3.82	41.23 3.23 -0.83	38.35 3.14 -0.69	30.90 2.22 -3.18	27.08 2.00 -2.04	25.40 1.72 -2.38	22.52 1.55 -0.55
NYPA_HARLEM__RVR__GT1 24160	22.65 1.40 -0.01	20.17 1.16 -0.01	19.51 1.12 -0.01	18.02 0.92 -0.94	18.47 1.00 -0.01	19.85 1.07 0.01	25.83 1.49 -3.00	29.84 1.58 -6.95	28.60 1.64 -5.64	26.61 2.06 -0.27	25.57 1.95 -0.06	25.90 1.87 -0.05	27.69 2.07 -0.02	27.95 2.16 -0.02	29.30 2.14 -0.12	32.39 2.27 -0.20	34.05 2.34 -0.10	44.77 3.00 -3.81	40.82 2.82 -0.82	37.97 2.76 -0.69	30.68 2.01 -3.17	26.88 1.82 -2.02	25.21 1.53 -2.37	22.34 1.37 -0.55
NYPA_HARLEM__RVR__GT2 24161	22.65 1.40 -0.01	20.17 1.16 -0.01	19.51 1.12 -0.01	18.02 0.92 -0.94	18.47 1.00 -0.01	19.85 1.07 0.01	25.83 1.49 -3.00	29.84 1.58 -6.95	28.60 1.64 -5.64	26.61 2.06 -0.27	25.57 1.95 -0.06	25.90 1.87 -0.05	27.69 2.07 -0.02	27.95 2.16 -0.02	29.30 2.14 -0.12	32.39 2.27 -0.20	34.05 2.34 -0.10	44.77 3.00 -3.81	40.82 2.82 -0.82	37.97 2.76 -0.69	30.68 2.01 -3.17	26.88 1.82 -2.02	25.21 1.53 -2.37	22.34 1.37 -0.55
NYPA_KENT___GT 24152	22.84 1.59 -0.01	20.34 1.33 -0.01	19.65 1.27 -0.01	18.15 1.05 -0.94	18.61 1.13 -0.01	19.99 1.20 0.00	26.00 1.64 -3.01	30.01 1.73 -6.96	33.28 1.77 -10.19	33.29 2.16 -6.86	34.49 2.07 -8.86	33.29 1.97 -7.35	35.20 2.20 -7.39	34.76 2.29 -6.70	35.23 2.33 -5.85	34.26 2.48 -1.85	34.29 2.56 -0.12	45.12 3.34 -3.82	41.16 3.16 -0.83	38.25 3.04 -0.69	30.87 2.19 -3.18	27.06 1.98 -2.04	25.38 1.70 -2.38	22.51 1.53 -0.55

NYPA_POUCH1____GT 24155	22.88 1.64 -0.01	20.40 1.39 -0.01	19.71 1.32 -0.01	18.20 1.10 -0.94	18.67 1.19 -0.01	20.05 1.26 0.00	26.04 1.69 -3.01	30.05 1.77 -6.96	33.32 1.81 -10.19	33.36 2.23 -6.86	34.56 2.14 -8.86	33.36 2.04 -7.35	35.27 2.28 -7.39	34.84 2.37 -6.70	35.31 2.41 -5.85	34.38 2.60 -1.85	34.33 2.62 -0.09	45.19 3.42 -3.82	41.23 3.23 -0.83	38.35 3.14 -0.69	30.92 2.24 -3.18	27.10 2.03 -2.04	25.43 1.75 -2.38	22.57 1.59 -0.55
NYPA_VERNON____GT2 24162	22.79 1.55 -0.01	20.32 1.31 -0.01	19.64 1.25 -0.01	18.13 1.04 -0.94	18.60 1.12 -0.01	19.98 1.18 0.00	26.00 1.64 -3.01	30.01 1.73 -6.96	33.26 1.75 -10.19	33.27 2.14 -6.86	34.44 2.03 -8.86	33.27 1.94 -7.35	35.15 2.15 -7.39	34.74 2.27 -6.70	35.17 2.27 -5.85	34.20 2.42 -1.85	34.23 2.50 -0.12	45.00 3.22 -3.82	41.05 3.05 -0.83	38.18 2.97 -0.69	30.84 2.17 -3.18	27.03 1.96 -2.04	25.34 1.66 -2.38	22.48 1.51 -0.55
NYPA_VERNON____GT3 24163	22.79 1.55 -0.01	20.32 1.31 -0.01	19.64 1.25 -0.01	18.13 1.04 -0.94	18.60 1.12 -0.01	19.98 1.18 0.00	26.00 1.64 -3.01	30.01 1.73 -6.96	33.26 1.75 -10.19	33.27 2.14 -6.86	34.44 2.03 -8.86	33.27 1.94 -7.35	35.15 2.15 -7.39	34.74 2.27 -6.70	35.17 2.27 -5.85	34.20 2.42 -1.85	34.23 2.50 -0.12	45.00 3.22 -3.82	41.05 3.05 -0.83	38.18 2.97 -0.69	30.84 2.17 -3.18	27.03 1.96 -2.04	25.34 1.66 -2.38	22.48 1.51 -0.55
NYPA____ASTORIA_CC1 323568	22.77 1.53 -0.01	20.28 1.27 -0.01	19.62 1.23 -0.01	18.12 1.02 -0.94	18.58 1.10 -0.01	19.96 1.17 0.00	25.96 1.60 -3.01	29.96 1.68 -6.96	33.22 1.71 -10.19	33.22 2.09 -6.86	34.40 1.98 -8.86	33.22 1.89 -7.35	35.12 2.12 -7.39	34.69 2.22 -6.70	35.12 2.22 -5.85	34.17 2.39 -1.85	34.20 2.47 -0.12	44.93 3.15 -3.82	41.01 3.01 -0.83	38.11 2.90 -0.69	30.79 2.12 -3.18	27.01 1.94 -2.04	25.32 1.64 -2.38	22.44 1.47 -0.55
NYPA____ASTORIA_CC2 323569	22.77 1.53 -0.01	20.28 1.27 -0.01	19.62 1.23 -0.01	18.12 1.02 -0.94	18.58 1.10 -0.01	19.96 1.17 0.00	25.96 1.60 -3.01	29.96 1.68 -6.96	33.22 1.71 -10.19	33.22 2.09 -6.86	34.40 1.98 -8.86	33.22 1.89 -7.35	35.12 2.12 -7.39	34.69 2.22 -6.70	35.12 2.22 -5.85	34.17 2.39 -1.85	34.20 2.47 -0.12	44.93 3.15 -3.82	41.01 3.01 -0.83	38.11 2.90 -0.69	30.79 2.12 -3.18	27.01 1.94 -2.04	25.32 1.64 -2.38	22.44 1.47 -0.55
NYPA____HOLTSVILL 23794	24.86 2.46 -1.16	21.00 1.99 0.00	20.21 1.84 0.00	18.66 1.57 -0.93	19.40 1.92 -0.01	20.83 2.03 -0.01	27.41 2.58 -3.48	30.92 2.62 -6.98	30.97 2.62 -7.03	30.22 3.18 -3.68	30.15 2.92 -3.32	30.17 2.88 -3.32	30.24 3.15 -1.49	30.19 3.19 -1.23	30.41 3.22 -0.14	33.61 3.47 -0.22	35.51 3.76 -0.14	49.11 4.74 -6.40	50.11 4.46 -8.48	47.29 4.24 -8.52	43.03 3.03 -14.50	32.48 2.86 -6.59	28.96 2.62 -5.04	25.71 2.45 -2.84
NYPA____HELLGATE_GT1 24158	22.65 1.40 -0.01	20.17 1.16 -0.01	19.51 1.12 -0.01	18.02 0.92 -0.94	18.47 1.00 -0.01	19.85 1.07 0.01	25.83 1.49 -3.00	29.84 1.58 -6.95	28.60 1.64 -5.64	26.61 2.06 -0.27	25.57 1.95 -0.06	25.90 1.87 -0.05	27.69 2.07 -0.02	27.95 2.16 -0.02	29.30 2.14 -0.12	32.39 2.27 -0.20	34.02 2.31 -0.10	44.73 2.96 -3.81	40.78 2.79 -0.82	37.93 2.73 -0.69	30.68 2.01 -3.17	26.88 1.82 -2.02	25.21 1.53 -2.37	22.34 1.37 -0.55
NYPA____HELLGATE_GT2 24159	22.65 1.40 -0.01	20.17 1.16 -0.01	19.51 1.12 -0.01	18.02 0.92 -0.94	18.47 1.00 -0.01	19.85 1.07 0.01	25.83 1.49 -3.00	29.84 1.58 -6.95	28.60 1.64 -5.64	26.61 2.06 -0.27	25.57 1.95 -0.06	25.90 1.87 -0.05	27.69 2.07 -0.02	27.95 2.16 -0.02	29.30 2.14 -0.12	32.39 2.27 -0.20	34.02 2.31 -0.10	44.73 2.96 -3.81	40.78 2.79 -0.82	37.93 2.73 -0.69	30.68 2.01 -3.17	26.88 1.82 -2.02	25.21 1.53 -2.37	22.34 1.37 -0.55
NYS_BARGE____HYD 23848	20.58 -0.66 0.00	18.56 -0.44 0.00	17.90 -0.48 0.00	15.75 -0.55 -0.14	17.00 -0.47 0.00	18.45 -0.34 0.00	21.11 -0.68 -0.45	20.28 -0.89 0.15	21.03 -0.96 -0.67	23.45 -0.83 0.00	23.08 -0.47 0.00	23.84 -0.14 0.00	25.42 -0.18 0.00	25.38 -0.39 0.00	26.72 -0.32 0.00	29.44 -0.48 0.00	30.91 -0.70 0.00	36.67 -1.29 0.00	35.65 -1.53 0.00	33.31 -1.21 0.00	24.59 -0.87 0.04	22.28 -0.74 0.03	20.95 -0.70 -0.35	20.11 -0.39 -0.08
OAK ORCHARD____HYD 24046	21.15 -0.08 0.00	18.93 -0.08 0.00	18.29 -0.09 0.00	16.28 0.02 -0.11	17.37 -0.10 0.00	18.79 0.00 0.00	21.80 0.11 -0.35	22.19 0.06 -0.81	22.05 0.09 -0.64	24.25 -0.02 0.00	23.65 0.09 0.00	24.27 0.29 0.00	25.93 0.33 0.00	25.97 0.21 0.00	27.34 0.30 0.00	30.25 0.33 0.00	31.86 0.25 0.00	38.11 0.15 0.00	37.17 0.00 0.00	34.62 0.10 0.00	25.90 0.05 -0.36	23.41 0.14 -0.24	21.72 0.15 -0.28	20.49 0.00 -0.06
OAKDALE__35_KV_LOAD 356122	21.60 0.36 0.00	19.34 0.34 0.00	18.71 0.33 0.00	16.61 0.15 -0.30	17.77 0.30 0.00	19.13 0.34 0.00	22.64 0.32 -0.98	23.95 0.36 -2.26	23.46 0.32 -1.82	24.86 0.58 0.00	24.14 0.59 0.00	24.70 0.72 0.00	26.32 0.72 0.00	26.46 0.70 0.00	27.80 0.76 0.00	30.73 0.81 0.00	32.53 0.92 0.00	39.02 1.06 0.00	38.06 0.89 0.00	35.42 0.90 0.00	27.15 0.64 -1.02	24.18 0.48 -0.66	22.37 0.30 -0.78	20.86 0.27 -0.18
OCC_CHEM____DRP 24175	20.13 -1.10 0.00	18.15 -0.86 0.00	17.46 -0.92 0.00	15.45 -0.86 -0.14	16.74 -0.73 0.00	18.02 -0.77 0.00	20.76 -1.05 -0.47	20.17 -0.94 0.21	20.66 -1.34 -0.69	22.89 -1.38 0.00	22.54 -1.01 0.00	23.26 -0.72 0.00	24.58 -1.02 0.00	24.61 -1.16 0.00	25.96 -1.08 0.00	28.57 -1.35 0.00	30.03 -1.58 0.00	35.61 -2.35 0.00	34.64 -2.53 0.00	32.31 -2.21 0.00	23.85 -1.56 0.09	21.72 -1.27 0.06	20.62 -1.04 -0.37	19.61 -0.90 -0.08
OH_GEN_PROXY 24063	20.41 -0.83 0.00	18.39 -0.61 0.00	17.72 -0.66 0.00	15.61 -0.69 -0.14	16.82 -0.65 0.00	18.23 -0.56 0.00	21.02 -0.79 -0.46	20.23 -1.00 0.09	20.93 -1.09 -0.70	23.23 -1.04 0.00	22.85 -0.71 0.00	23.55 -0.43 0.00	25.14 -0.46 0.00	25.07 -0.69 0.00	26.37 -0.68 0.00	29.08 -0.84 0.00	30.54 -1.07 0.00	36.25 -1.71 0.00	35.20 -1.97 0.00	32.90 -1.62 0.00	24.31 -1.15 0.04	22.07 -0.95 0.02	20.81 -0.85 -0.37	19.98 -0.53 -0.08
OLIN_CORP_DRP 24177	20.28 -0.96 0.00	18.34 -0.67 0.00	17.64 -0.74 0.00	15.56 -0.74 -0.14	16.75 -0.72 0.00	18.19 -0.60 0.00	20.83 -0.98 -0.47	19.90 -1.22 0.21	20.75 -1.26 -0.69	23.06 -1.21 0.00	22.68 -0.87 0.00	23.43 -0.55 0.00	24.76 -0.84 0.00	24.79 -0.98 0.00	26.18 -0.87 0.00	28.78 -1.14 0.00	30.28 -1.33 0.00	35.91 -2.05 0.00	34.90 -2.27 0.00	32.55 -1.97 0.00	24.04 -1.38 0.08	21.84 -1.15 0.05	20.69 -0.98 -0.37	19.67 -0.84 -0.08
OLIN_CORP_DSASP 323712	20.13 -1.11 0.00	18.15 -0.85 0.00	17.50 -0.88 0.00	15.45 -0.86 -0.14	16.61 -0.86 0.00	18.02 -0.77 0.00	20.79 -1.02 -0.47	20.17 -0.94 0.21	20.66 -1.34 -0.69	22.89 -1.38 0.00	22.54 -1.01 0.00	23.26 -0.72 0.00	24.81 -0.79 0.00	24.74 -1.03 0.00	26.02 -1.03 0.00	28.69 -1.23 0.00	30.09 -1.52 0.00	35.68 -2.28 0.00	34.64 -2.53 0.00	32.38 -2.14 0.00	23.90 -1.50 0.09	21.76 -1.22 0.06	20.58 -1.09 -0.37	19.73 -0.78 -0.08

ONEIDA_HERK_LFGE 323681	21.62 0.38 0.00	19.32 0.32 0.00	18.71 0.33 0.00	16.45 0.26 -0.03	17.78 0.31 0.00	19.15 0.36 0.00	21.90 0.45 -0.11	21.95 0.38 -0.24	21.90 0.38 -0.20	24.71 0.44 0.00	23.96 0.40 0.00	24.48 0.50 0.00	26.14 0.54 0.00	26.31 0.54 0.00	27.62 0.57 0.00	30.52 0.60 0.00	32.30 0.69 0.00	38.83 0.87 0.00	38.06 0.89 0.00	35.31 0.79 0.00	26.03 0.43 -0.10	23.48 0.37 -0.07	21.59 0.21 -0.08	20.60 0.16 -0.02
ONEIDA___115KV_TB4 55905	21.75 0.51 0.00	19.46 0.46 0.00	18.84 0.46 0.00	16.57 0.36 -0.06	17.89 0.42 0.00	19.28 0.49 0.00	22.13 0.60 -0.19	22.35 0.60 -0.43	22.26 0.60 -0.34	24.95 0.68 0.00	24.19 0.64 0.00	24.75 0.77 0.00	26.42 0.82 0.00	26.57 0.80 0.00	27.91 0.87 0.00	30.82 0.90 0.00	32.59 0.98 0.00	39.14 1.18 0.00	38.36 1.19 0.00	35.62 1.10 0.00	26.41 0.74 -0.17	23.79 0.62 -0.13	21.89 0.45 -0.15	20.88 0.43 -0.03
ONONDAGA_REF_OCCRA 23987	21.34 0.11 0.00	19.10 0.10 0.00	18.47 0.09 0.00	16.31 0.05 -0.10	17.54 0.07 0.00	18.90 0.11 0.00	21.82 0.15 -0.33	22.25 0.17 -0.76	22.08 0.15 -0.61	24.47 0.19 0.00	23.74 0.19 0.00	24.24 0.26 0.00	25.86 0.26 0.00	25.97 0.21 0.00	27.29 0.24 0.00	30.10 0.18 0.00	31.86 0.25 0.00	38.22 0.27 0.00	37.36 0.19 0.00	34.73 0.21 0.00	25.96 0.15 -0.31	23.42 0.16 -0.22	21.69 0.13 -0.26	20.63 0.14 -0.06
ONONDAGA___COGEN 23986	21.39 0.15 0.00	19.15 0.15 0.00	18.51 0.13 0.00	16.33 0.08 -0.09	17.59 0.12 0.00	18.94 0.15 0.00	21.84 0.21 -0.28	22.20 0.23 -0.65	22.05 0.21 -0.52	24.54 0.27 0.00	23.79 0.24 0.00	24.32 0.34 0.00	25.91 0.31 0.00	26.05 0.28 0.00	27.40 0.35 0.00	30.19 0.27 0.00	31.93 0.32 0.00	38.34 0.38 0.00	37.43 0.26 0.00	34.79 0.28 0.00	25.94 0.18 -0.26	23.44 0.21 -0.19	21.69 0.17 -0.22	20.70 0.22 -0.05
ONTARIO___LFGE 23819	21.43 0.19 0.00	19.19 0.19 0.00	18.54 0.17 0.00	16.32 0.03 -0.13	17.61 0.14 0.00	19.03 0.24 0.00	22.03 0.28 -0.42	23.20 0.34 -1.54	22.47 0.30 -0.86	24.78 0.51 0.00	24.12 0.56 0.00	24.77 0.79 0.00	26.42 0.82 0.00	26.49 0.72 0.00	27.89 0.84 0.00	30.82 0.90 0.00	32.46 0.85 0.00	38.94 0.99 0.00	37.95 0.78 0.00	35.28 0.76 0.00	26.78 0.59 -0.70	23.91 0.42 -0.45	21.82 0.19 -0.33	20.78 0.29 -0.07
ORANGEVILLE_WT_PWR 323706	20.88 -0.36 0.00	18.77 -0.23 0.00	18.10 -0.28 0.00	15.78 -0.55 -0.17	17.19 -0.28 0.00	18.64 -0.15 0.00	21.32 -0.58 -0.56	17.72 -0.70 2.89	20.97 -0.77 -0.42	23.93 -0.34 0.00	23.56 0.00 0.00	24.29 0.31 0.00	25.91 0.31 0.00	25.90 0.13 0.00	27.26 0.22 0.00	30.04 0.12 0.00	31.67 0.06 0.00	37.69 -0.26 0.00	36.57 -0.60 0.00	34.11 -0.41 0.00	23.73 -0.43 1.34	21.62 -0.55 0.87	21.06 -0.68 -0.44	20.36 -0.16 -0.10
ORANGEVILLE___ESR 323794	20.88 -0.36 0.00	18.77 -0.23 0.00	18.10 -0.28 0.00	15.78 -0.55 -0.17	17.19 -0.28 0.00	18.64 -0.15 0.00	21.32 -0.58 -0.56	17.72 -0.70 2.89	20.97 -0.77 -0.42	23.93 -0.34 0.00	23.56 0.00 0.00	24.29 0.31 0.00	25.91 0.31 0.00	25.90 0.13 0.00	27.26 0.22 0.00	30.04 0.12 0.00	31.67 0.06 0.00	37.69 -0.26 0.00	36.57 -0.60 0.00	34.11 -0.41 0.00	23.73 -0.43 1.34	21.62 -0.55 0.87	21.06 -0.68 -0.44	20.36 -0.16 -0.10
OSWEGATCHIE___HYD 24044	21.24 0.00 0.00	19.00 0.00 0.00	18.38 0.00 0.00	16.20 0.02 -0.02	17.49 0.02 0.00	18.83 0.04 0.00	21.44 0.02 -0.08	21.46 -0.04 -0.18	21.42 -0.04 -0.15	24.15 -0.12 0.00	23.53 -0.02 0.00	24.05 0.07 0.00	25.63 0.03 0.00	25.82 0.05 0.00	27.16 0.11 0.00	30.07 0.15 0.00	31.77 0.16 0.00	38.07 0.11 0.00	37.17 0.00 0.00	34.42 -0.10 0.00	25.34 -0.23 -0.07	22.93 -0.16 -0.05	21.17 -0.19 -0.06	20.15 -0.29 -0.01
OSWEGO___5 23606	20.90 -0.34 0.00	18.70 -0.30 0.00	18.08 -0.29 0.00	15.96 -0.26 -0.05	17.19 -0.28 0.00	18.51 -0.28 0.00	21.20 -0.32 -0.18	21.39 -0.34 -0.41	21.31 -0.34 -0.33	23.84 -0.44 0.00	23.13 -0.42 0.00	23.57 -0.41 0.00	25.17 -0.44 0.00	25.28 -0.49 0.00	26.56 -0.49 0.00	29.35 -0.57 0.00	31.01 -0.60 0.00	37.24 -0.72 0.00	36.39 -0.78 0.00	33.83 -0.69 0.00	25.15 -0.51 -0.16	22.72 -0.44 -0.12	21.12 -0.32 -0.14	20.17 -0.29 -0.03
OSWEGO___6 23613	20.90 -0.34 0.00	18.70 -0.30 0.00	18.08 -0.29 0.00	15.96 -0.26 -0.05	17.19 -0.28 0.00	18.51 -0.28 0.00	21.20 -0.32 -0.18	21.39 -0.34 -0.41	21.31 -0.34 -0.33	23.84 -0.44 0.00	23.13 -0.42 0.00	23.57 -0.41 0.00	25.17 -0.44 0.00	25.28 -0.49 0.00	26.56 -0.49 0.00	29.35 -0.57 0.00	31.01 -0.60 0.00	37.24 -0.72 0.00	36.39 -0.78 0.00	33.83 -0.69 0.00	25.15 -0.51 -0.16	22.72 -0.44 -0.12	21.12 -0.32 -0.14	20.17 -0.29 -0.03
OUTOKUMPU-AB___DRP 24206	20.71 -0.53 0.00	18.66 -0.34 0.00	17.97 -0.40 0.00	15.77 -0.53 -0.15	17.14 -0.33 0.00	18.55 -0.24 0.00	21.15 -0.66 -0.47	20.37 -0.70 0.24	21.11 -0.90 -0.69	23.59 -0.68 0.00	23.27 -0.28 0.00	24.05 0.07 0.00	25.40 -0.20 0.00	25.49 -0.28 0.00	26.88 -0.16 0.00	29.59 -0.33 0.00	31.14 -0.47 0.00	36.86 -1.10 0.00	35.83 -1.34 0.00	33.45 -1.07 0.00	24.63 -0.76 0.10	22.33 -0.65 0.06	21.08 -0.60 -0.37	19.98 -0.53 -0.08
OXBOW___ 24026	20.47 -0.76 0.00	18.45 -0.55 0.00	17.79 -0.59 0.00	15.66 -0.65 -0.14	16.88 -0.59 0.00	18.32 -0.47 0.00	21.02 -0.79 -0.47	20.33 -0.77 0.22	20.94 -1.07 -0.69	23.30 -0.97 0.00	22.97 -0.59 0.00	23.72 -0.26 0.00	25.30 -0.31 0.00	25.25 -0.52 0.00	26.56 -0.49 0.00	29.26 -0.66 0.00	30.73 -0.88 0.00	36.40 -1.56 0.00	35.35 -1.82 0.00	33.07 -1.45 0.00	24.36 -1.05 0.09	22.10 -0.88 0.06	20.86 -0.81 -0.37	20.04 -0.47 -0.08
OXY_CHEM_DSASP 323612	20.13 -1.10 0.00	18.15 -0.86 0.00	17.46 -0.92 0.00	15.45 -0.86 -0.14	16.74 -0.73 0.00	18.02 -0.77 0.00	20.76 -1.05 -0.47	20.17 -0.94 0.21	20.66 -1.34 -0.69	22.89 -1.38 0.00	22.54 -1.01 0.00	23.26 -0.72 0.00	24.58 -1.02 0.00	24.61 -1.16 0.00	25.96 -1.08 0.00	28.57 -1.35 0.00	30.03 -1.58 0.00	35.61 -2.35 0.00	34.64 -2.53 0.00	32.31 -2.21 0.00	23.85 -1.56 0.09	21.72 -1.27 0.06	20.62 -1.04 -0.37	19.61 -0.90 -0.08
OZONE_PARK_ESR 323760	22.85 1.61 0.00	20.35 1.35 0.00	19.68 1.30 0.00	18.15 1.07 -0.93	18.61 1.14 0.00	20.01 1.22 0.00	26.05 1.71 -3.00	30.06 1.79 -6.95	28.80 1.83 -5.64	26.79 2.23 -0.28	25.77 2.14 -0.07	26.08 2.04 -0.06	27.96 2.33 -0.03	28.19 2.40 -0.03	29.58 2.41 -0.13	32.73 2.60 -0.21	34.38 2.66 -0.11	45.31 3.53 -3.82	41.39 3.38 -0.83	38.39 3.18 -0.69	30.91 2.24 -3.17	27.12 2.05 -2.03	25.43 1.75 -2.38	22.44 1.47 -0.54
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	20.13 -1.10 0.00	18.15 -0.86 0.00	17.46 -0.92 0.00	15.45 -0.86 -0.14	16.74 -0.73 0.00	18.02 -0.77 0.00	20.76 -1.05 -0.47	20.17 -0.94 0.21	20.66 -1.34 -0.69	22.89 -1.38 0.00	22.54 -1.01 0.00	23.26 -0.72 0.00	24.58 -1.02 0.00	24.61 -1.16 0.00	25.96 -1.08 0.00	28.57 -1.35 0.00	30.03 -1.58 0.00	35.61 -2.35 0.00	34.64 -2.53 0.00	32.31 -2.21 0.00	23.85 -1.56 0.09	21.72 -1.27 0.06	20.62 -1.04 -0.37	19.61 -0.90 -0.08

PACKARD__115KV_DUPONT_184 80571	20.13 -1.10 0.00	18.15 -0.86 0.00	17.46 -0.92 0.00	15.45 -0.86 -0.14	16.74 -0.73 0.00	18.02 -0.77 0.00	20.76 -1.05 -0.47	20.17 -0.94 0.21	20.66 -1.34 -0.69	22.89 -1.38 0.00	22.54 -1.01 0.00	23.26 -0.72 0.00	24.58 -1.02 0.00	24.61 -1.16 0.00	25.96 -1.08 0.00	28.57 -1.35 0.00	30.03 -1.58 0.00	35.61 -2.35 0.00	34.64 -2.53 0.00	32.31 -2.21 0.00	23.85 -1.56 0.09	21.72 -1.27 0.06	20.62 -1.04 -0.37	19.61 -0.90 -0.08
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	22.68 1.44 0.00	20.22 1.22 0.00	19.55 1.18 0.00	18.04 0.95 -0.93	18.50 1.03 0.00	19.90 1.11 0.00	25.87 1.54 -2.99	29.86 1.60 -6.94	28.60 1.64 -5.64	26.54 1.99 -0.27	25.50 1.88 -0.06	25.83 1.80 -0.05	27.67 2.05 -0.02	27.90 2.11 -0.02	29.30 2.14 -0.12	32.43 2.30 -0.20	34.05 2.34 -0.10	44.78 3.00 -3.82	40.86 2.86 -0.83	38.01 2.80 -0.69	30.67 2.01 -3.16	26.89 1.84 -2.01	25.26 1.58 -2.38	22.31 1.35 -0.54
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	22.83 1.59 0.00	20.37 1.37 0.00	19.68 1.30 0.00	18.17 1.08 -0.93	18.62 1.15 0.00	20.03 1.24 0.00	26.04 1.71 -2.99	30.03 1.77 -6.94	28.75 1.79 -5.64	26.68 2.14 -0.27	25.64 2.03 -0.06	25.95 1.92 -0.05	27.82 2.20 -0.02	28.08 2.29 -0.02	29.47 2.30 -0.12	32.63 2.51 -0.20	34.27 2.56 -0.10	45.00 3.23 -3.82	41.12 3.12 -0.83	38.25 3.04 -0.69	30.85 2.19 -3.16	27.06 2.00 -2.01	25.40 1.73 -2.38	22.44 1.47 -0.54
PATROON__115KV_TB1 80586	21.83 0.59 0.00	19.55 0.55 0.00	18.93 0.55 0.00	17.88 0.52 -1.20	18.05 0.58 0.00	19.37 0.58 0.00	25.94 0.70 -3.89	31.05 0.72 -9.00	29.27 0.70 -7.25	25.20 0.83 -0.11	24.26 0.71 0.00	24.63 0.65 0.00	26.34 0.74 0.00	26.49 0.72 0.00	27.67 0.76 0.13	30.64 0.93 0.21	32.63 0.98 -0.04	41.04 1.40 -1.68	38.90 1.41 -0.32	36.09 1.31 -0.26	31.07 1.02 -4.56	26.56 0.90 -2.63	25.04 0.66 -3.08	21.70 0.57 -0.70
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	21.19 -0.04 0.00	19.10 0.10 0.00	18.38 0.00 0.00	15.49 -0.82 -0.16	17.49 0.02 0.00	18.96 0.17 0.00	20.87 -0.98 -0.51	20.04 -1.09 0.19	20.92 -1.15 -0.75	24.20 -0.07 0.00	23.86 0.31 0.00	24.65 0.67 0.00	26.06 0.46 0.00	26.16 0.39 0.00	27.61 0.57 0.00	30.37 0.45 0.00	32.05 0.44 0.00	38.00 0.04 0.00	36.84 -0.33 0.00	34.42 -0.10 0.00	25.31 -0.10 0.08	22.43 -0.55 0.05	20.78 -0.92 -0.40	19.62 -0.90 -0.09
PAWLING_115_KV_BK3_REV_LBMP_H 345028	22.66 1.42 0.00	20.22 1.22 0.00	19.52 1.14 0.00	18.07 0.95 -0.95	18.48 1.01 0.00	19.86 1.07 0.00	25.83 1.41 -3.08	29.90 1.45 -7.13	28.61 1.53 -5.76	26.34 1.84 -0.22	25.25 1.70 0.00	25.56 1.58 0.00	27.42 1.82 0.00	27.63 1.86 0.00	29.03 1.87 -0.11	32.20 2.09 -0.18	33.82 2.15 -0.06	44.33 3.04 -3.33	40.51 2.90 -0.44	37.65 2.76 -0.37	30.69 1.94 -3.26	26.87 1.75 -2.08	25.19 1.45 -2.44	22.22 1.25 -0.56
PEEKSKILL____ 23653	22.51 1.27 0.00	20.06 1.06 0.00	19.39 1.01 0.00	17.90 0.84 -0.90	18.38 0.91 0.00	19.77 0.98 0.00	25.59 1.32 -2.92	29.45 1.37 -6.76	28.22 1.41 -5.50	26.25 1.72 -0.25	25.18 1.62 0.00	25.52 1.54 0.00	27.32 1.72 0.00	27.55 1.78 0.00	28.93 1.76 -0.12	32.04 1.92 -0.20	33.75 2.02 -0.12	44.81 2.77 -4.08	40.66 2.60 -0.89	37.75 2.49 -0.74	30.34 1.76 -3.09	26.62 1.61 -1.97	24.98 1.36 -2.32	22.20 1.25 -0.53
PGE MADISON__WINDPWR 24146	22.64 1.40 0.00	20.24 1.23 0.00	19.63 1.25 0.00	17.38 0.92 -0.30	18.62 1.15 0.00	20.09 1.30 0.00	23.90 1.58 -0.98	25.51 1.75 -2.44	24.80 1.64 -1.84	26.24 1.97 0.00	25.34 1.79 0.00	26.21 2.23 0.00	27.96 2.35 0.00	28.14 2.37 0.00	29.62 2.57 0.00	32.82 2.90 0.00	34.87 3.26 0.00	42.06 4.10 0.00	41.11 3.94 0.00	38.25 3.73 0.00	29.07 2.47 -1.10	25.76 2.00 -0.72	23.39 1.32 -0.77	21.84 1.25 -0.18
PIERCEFIELD__HYD 23852	20.90 -0.34 0.00	18.68 -0.32 0.00	18.06 -0.31 0.00	15.92 -0.24 0.00	17.19 -0.28 0.00	18.51 -0.28 0.00	20.94 -0.41 0.00	20.91 -0.41 0.00	20.94 -0.38 0.00	23.76 -0.51 0.00	23.23 -0.33 0.00	23.72 -0.26 0.00	25.27 -0.33 0.00	25.49 -0.28 0.00	26.78 -0.27 0.00	29.74 -0.18 0.00	31.39 -0.22 0.00	37.47 -0.49 0.00	36.43 -0.74 0.00	33.66 -0.86 0.00	24.78 -0.71 0.00	22.51 -0.53 0.00	20.81 -0.49 0.00	19.89 -0.53 0.00
PINELAWN_CC_1 323563	24.60 2.21 -1.16	20.79 1.79 0.00	19.99 1.62 0.00	18.43 1.34 -0.93	19.15 1.68 -0.01	20.56 1.77 -0.01	27.13 2.31 -3.48	30.66 2.37 -6.97	30.71 2.37 -7.02	29.90 2.86 -2.76	29.87 2.64 -3.68	29.86 2.57 -3.31	29.93 2.84 -1.49	29.88 2.89 -1.23	30.08 2.90 -0.13	33.25 3.11 -0.21	35.15 3.41 -0.13	48.71 4.36 -6.39	49.77 4.16 -8.44	46.96 3.93 -8.51	40.05 2.80 -11.75	32.22 2.60 -6.58	28.70 2.36 -5.04	25.44 2.19 -2.83
PJM_GEN_HTP_PROXY 323702	22.66 1.42 0.00	20.18 1.18 0.00	19.52 1.14 0.00	18.01 0.92 -0.93	18.46 1.00 0.00	19.86 1.07 0.00	25.86 1.52 -3.00	29.87 1.60 -6.95	28.58 1.62 -5.64	26.54 1.99 -0.28	25.53 1.91 -0.07	25.84 1.80 -0.06	27.65 2.02 -0.03	27.91 2.11 -0.03	29.31 2.14 -0.13	32.43 2.30 -0.21	34.06 2.34 -0.11	44.93 3.15 -3.82	41.01 3.01 -0.83	38.04 2.83 -0.69	30.68 2.01 -3.17	26.89 1.82 -2.03	25.23 1.55 -2.38	22.33 1.37 -0.54
PJM_GEN_KEystone 24065	21.60 0.36 0.00	19.36 0.36 0.00	18.67 0.29 0.00	16.75 0.05 -0.54	17.71 0.24 0.00	19.11 0.32 0.00	23.35 0.26 -1.75	25.22 0.23 -3.67	24.62 0.17 -3.13	25.03 0.61 -0.15	24.24 0.68 0.00	24.77 0.79 0.00	26.45 0.84 0.00	26.59 0.82 0.00	27.95 0.84 -0.06	30.89 0.87 -0.10	32.39 0.92 0.14	40.50 1.10 -1.44	36.94 0.82 1.05	34.54 0.90 0.87	27.76 0.59 -1.67	24.57 0.46 -1.07	22.96 0.28 -1.39	21.23 0.49 -0.32
PJM_GEN_NEPTUNE_PROXY 323594	24.10 1.72 -1.15	20.37 1.37 0.00	19.61 1.23 0.00	18.09 1.00 -0.93	18.74 1.27 0.00	20.12 1.33 0.00	26.63 1.81 -3.47	30.14 1.85 -6.97	30.21 1.88 -7.02	29.34 2.31 -2.76	29.32 2.10 -3.67	29.30 2.01 -3.31	29.31 2.23 -1.48	29.28 2.29 -1.22	29.42 2.24 -0.13	32.52 2.39 -0.21	34.39 2.66 -0.12	47.76 3.42 -6.39	48.83 3.23 -8.43	46.10 3.07 -8.51	39.25 2.22 -11.54	31.66 2.05 -6.57	28.18 1.85 -5.03	24.94 1.69 -2.83
PJM_GEN_VFT_PROXY 323633	22.58 1.34 0.00	20.10 1.10 0.00	19.44 1.07 0.00	17.94 0.86 -0.93	18.39 0.93 0.00	19.77 0.98 0.00	25.78 1.43 -3.00	29.79 1.51 -6.95	28.50 1.54 -5.64	26.45 1.89 -0.28	25.44 1.81 -0.07	25.74 1.70 -0.06	27.55 1.92 -0.03	27.83 2.04 -0.03	29.20 2.03 -0.13	32.22 2.09 -0.21	32.72 2.12 1.01	39.50 2.92 1.38	32.49 2.79 7.47	30.88 2.59 6.23	30.56 1.89 -3.17	26.82 1.75 -2.03	25.13 1.45 -2.38	22.23 1.27 -0.54
PLATSBRG_115KV_PMLD1 355749	20.68 -0.55 0.00	18.47 -0.53 0.00	17.83 -0.55 0.00	15.68 -0.48 0.00	16.93 -0.54 0.00	18.23 -0.56 0.00	20.62 -0.73 0.00	20.94 -0.38 0.00	20.76 -0.55 0.00	23.64 -0.63 0.00	23.34 -0.21 0.00	23.84 -0.14 0.00	25.37 -0.23 0.00	25.67 -0.10 0.00	27.32 0.27 0.00	30.40 0.48 0.00	31.67 0.66 0.00	37.88 -0.08 0.00	36.95 -0.22 0.00	33.93 -0.59 0.00	24.88 -0.61 0.00	22.28 -0.76 0.00	20.42 -0.87 0.00	19.40 -1.02 0.00

PLEASANTVLY___LBMP 24000	22.34 1.10 0.00	19.97 0.97 0.00	19.30 0.92 0.00	17.94 0.78 -1.00	18.31 0.84 0.00	19.69 0.90 0.00	25.79 1.20 -3.26	30.09 1.24 -7.53	28.69 1.28 -6.09	25.99 1.53 -0.19	24.97 1.41 0.00	25.30 1.32 0.00	27.11 1.51 0.00	27.32 1.55 0.00	28.73 1.54 -0.15	31.87 1.71 -0.24	33.46 1.77 -0.08	43.36 2.43 -2.97	40.06 2.30 -0.59	37.22 2.21 -0.49	30.54 1.61 -3.44	26.71 1.47 -2.20	25.11 1.24 -2.58	22.09 1.08 -0.59
PLSNTVLE_13_KV_13.8KVDIST 80602	22.55 1.32 0.00	20.14 1.14 0.00	19.46 1.08 0.00	18.01 0.91 -0.95	18.45 0.98 0.00	19.86 1.07 0.00	25.84 1.43 -3.07	29.92 1.49 -7.11	28.62 1.53 -5.76	26.34 1.84 -0.22	25.30 1.74 0.00	25.61 1.63 0.00	27.50 1.89 0.00	27.73 1.96 0.00	29.13 1.95 -0.13	32.26 2.12 -0.22	33.92 2.21 -0.10	44.50 2.96 -3.58	40.75 2.82 -0.76	37.84 2.69 -0.63	30.63 1.89 -3.25	26.84 1.73 -2.07	25.20 1.47 -2.44	22.24 1.27 -0.55
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	22.55 1.32 0.00	20.14 1.14 0.00	19.46 1.08 0.00	18.01 0.91 -0.95	18.45 0.98 0.00	19.86 1.07 0.00	25.84 1.43 -3.07	29.92 1.49 -7.11	28.62 1.53 -5.76	26.34 1.84 -0.22	25.30 1.74 0.00	25.61 1.63 0.00	27.50 1.89 0.00	27.73 1.96 0.00	29.13 1.95 -0.13	32.26 2.12 -0.22	33.92 2.21 -0.10	44.50 2.96 -3.58	40.75 2.82 -0.76	37.84 2.69 -0.63	30.63 1.89 -3.25	26.84 1.73 -2.07	25.20 1.47 -2.44	22.24 1.27 -0.55
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	22.43 1.19 0.00	20.03 1.03 0.00	19.35 0.97 0.00	17.96 0.82 -0.97	18.33 0.86 0.00	19.69 0.90 0.00	25.67 1.17 -3.15	29.80 1.19 -7.29	28.43 1.24 -5.88	25.98 1.50 -0.20	24.94 1.39 0.00	25.25 1.27 0.00	27.04 1.43 0.00	27.26 1.49 0.00	28.48 1.46 0.03	31.56 1.68 0.04	33.43 1.77 -0.05	43.50 2.47 -3.07	39.94 2.42 -0.36	37.16 2.35 -0.30	30.51 1.68 -3.33	26.69 1.52 -2.13	25.07 1.28 -2.50	22.11 1.12 -0.57
POLETTI____ 23519	22.64 1.40 0.00	20.18 1.18 0.00	19.52 1.14 0.00	18.03 0.94 -0.93	18.47 1.00 0.00	19.86 1.07 0.00	25.84 1.49 -3.00	29.85 1.58 -6.95	28.58 1.62 -5.64	26.52 1.97 -0.28	25.51 1.88 -0.07	25.81 1.77 -0.06	27.68 2.05 -0.03	27.91 2.11 -0.03	29.28 2.11 -0.13	32.40 2.27 -0.21	34.00 2.28 -0.11	44.85 3.07 -3.82	40.94 2.94 -0.83	37.97 2.76 -0.69	30.63 1.96 -3.17	26.89 1.82 -2.03	25.23 1.55 -2.38	22.27 1.31 -0.54
POMONA___ESR 323819	22.47 1.23 0.00	20.03 1.03 0.00	19.35 0.97 0.00	17.82 0.81 -0.85	18.33 0.86 0.00	19.71 0.92 0.00	25.33 1.24 -2.75	28.94 1.26 -6.36	27.64 1.30 -5.02	26.20 1.63 -0.30	25.09 1.53 0.00	25.42 1.44 0.00	27.19 1.59 0.00	27.42 1.65 0.00	28.81 1.65 -0.11	31.89 1.80 -0.18	33.39 1.93 0.15	44.12 2.66 -3.51	38.51 2.45 1.11	35.97 2.38 0.92	30.08 1.68 -2.90	26.44 1.54 -1.86	24.80 1.32 -2.18	22.12 1.20 -0.50
PORT_JEFF_3 23555	24.88 2.48 -1.16	21.01 2.01 0.00	20.23 1.86 0.00	18.69 1.60 -0.93	19.45 1.97 -0.01	20.87 2.07 -0.01	27.47 2.65 -3.48	30.98 2.69 -6.98	31.03 2.69 -7.03	30.29 3.25 -2.77	30.25 3.02 -3.68	30.25 2.95 -3.32	30.32 3.23 -1.49	30.27 3.27 -1.23	30.49 3.30 -0.14	33.71 3.56 -0.23	35.60 3.86 -0.14	49.22 4.86 -6.40	50.23 4.57 -8.48	47.36 4.31 -8.52	43.23 3.11 -14.63	32.58 2.95 -6.59	29.02 2.68 -5.04	25.77 2.51 -2.84
PORT_JEFF_4 23616	24.88 2.48 -1.16	21.01 2.01 0.00	20.23 1.86 0.00	18.69 1.60 -0.93	19.45 1.97 -0.01	20.87 2.07 -0.01	27.47 2.65 -3.48	30.98 2.69 -6.98	31.03 2.69 -7.03	30.29 3.25 -2.77	30.25 3.02 -3.68	30.25 2.95 -3.32	30.32 3.23 -1.49	30.27 3.27 -1.23	30.49 3.30 -0.14	33.71 3.56 -0.23	35.60 3.86 -0.14	49.22 4.86 -6.40	50.23 4.57 -8.48	47.36 4.31 -8.52	43.23 3.11 -14.63	32.58 2.95 -6.59	29.02 2.68 -5.04	25.77 2.51 -2.84
PORT_JEFF_IC 23713	24.94 2.55 -1.16	21.05 2.05 0.00	20.25 1.88 0.00	18.70 1.62 -0.93	19.47 1.99 -0.01	20.90 2.10 -0.01	27.52 2.69 -3.48	31.05 2.75 -6.98	31.07 2.73 -7.03	30.36 3.33 -2.77	30.29 3.06 -3.68	30.29 3.00 -3.32	30.40 3.30 -1.49	30.35 3.35 -1.23	30.55 3.35 -0.15	33.77 3.62 -0.23	35.70 3.95 -0.14	49.23 4.86 -6.41	50.24 4.57 -8.49	47.36 4.31 -8.53	43.71 3.11 -15.10	32.63 2.99 -6.59	29.09 2.75 -5.04	25.81 2.55 -2.83
PPL PILGRIM_ST_GT1 24216	24.92 2.53 -1.16	21.07 2.07 0.00	20.27 1.89 0.00	18.69 1.60 -0.93	19.42 1.94 -0.01	20.87 2.07 -0.01	27.43 2.60 -3.48	30.96 2.66 -6.98	31.01 2.66 -7.03	30.27 3.23 -2.76	30.25 3.02 -3.68	30.24 2.95 -3.32	30.35 3.25 -1.49	30.27 3.27 -1.23	30.48 3.30 -0.14	33.70 3.56 -0.22	35.66 3.92 -0.13	49.29 4.93 -6.39	50.26 4.65 -8.44	47.45 4.42 -8.51	40.80 3.11 -12.19	32.55 2.93 -6.58	29.00 2.66 -5.04	25.75 2.49 -2.83
PPL PILGRIM_ST_GT2 24217	24.92 2.53 -1.16	21.07 2.07 0.00	20.27 1.89 0.00	18.69 1.60 -0.93	19.42 1.94 -0.01	20.87 2.07 -0.01	27.43 2.60 -3.48	30.96 2.66 -6.98	31.01 2.66 -7.03	30.27 3.23 -2.76	30.25 3.02 -3.68	30.24 2.95 -3.32	30.35 3.25 -1.49	30.27 3.27 -1.23	30.48 3.30 -0.14	33.70 3.56 -0.22	35.66 3.92 -0.13	49.29 4.93 -6.39	50.26 4.65 -8.44	47.45 4.42 -8.51	40.80 3.11 -12.19	32.55 2.93 -6.58	29.00 2.66 -5.04	25.75 2.49 -2.83
PPL_SHRM_GT3 24213	25.09 2.70 -1.16	21.20 2.20 0.00	20.43 2.06 0.00	18.83 1.75 -0.93	19.64 2.17 -0.01	21.07 2.27 -0.01	27.67 2.84 -3.48	31.17 2.88 -6.98	31.20 2.86 -7.03	30.56 3.52 -2.77	30.46 3.23 -3.68	30.46 3.17 -3.32	30.58 3.48 -1.49	30.48 3.48 -1.23	30.79 3.60 -0.15	33.98 3.83 -0.23	35.83 4.08 -0.14	49.49 5.12 -6.40	50.52 4.87 -8.49	47.67 4.63 -8.52	43.60 3.42 -14.69	32.85 3.23 -6.59	29.28 2.94 -5.04	26.00 2.74 -2.84
PPL_SHRM_GT4 24214	25.09 2.70 -1.16	21.20 2.20 0.00	20.43 2.06 0.00	18.83 1.75 -0.93	19.64 2.17 -0.01	21.07 2.27 -0.01	27.67 2.84 -3.48	31.17 2.88 -6.98	31.20 2.86 -7.03	30.56 3.52 -2.77	30.46 3.23 -3.68	30.46 3.17 -3.32	30.58 3.48 -1.49	30.48 3.48 -1.23	30.79 3.60 -0.15	33.98 3.83 -0.23	35.83 4.08 -0.14	49.49 5.12 -6.40	50.52 4.87 -8.49	47.67 4.63 -8.52	43.60 3.42 -14.69	32.85 3.23 -6.59	29.28 2.94 -5.04	26.00 2.74 -2.84
PROJECT___ORANGE 1 24174	21.28 0.04 0.00	19.04 0.04 0.00	18.41 0.04 0.00	16.25 0.00 -0.08	17.49 0.02 0.00	18.85 0.06 0.00	21.70 0.09 -0.28	22.06 0.11 -0.64	21.92 0.09 -0.51	24.37 0.10 0.00	23.65 0.09 0.00	24.15 0.17 0.00	25.76 0.15 0.00	25.85 0.08 0.00	27.15 0.11 0.00	29.98 0.06 0.00	31.71 0.09 0.00	38.03 0.08 0.00	37.17 0.00 0.00	34.52 0.00 0.00	25.78 0.03 -0.26	23.29 0.07 -0.19	21.58 0.06 -0.22	20.57 0.10 -0.05
PROJECT___ORANGE 2 24166	21.28 0.04 0.00	19.04 0.04 0.00	18.41 0.04 0.00	16.25 0.00 -0.08	17.49 0.02 0.00	18.85 0.06 0.00	21.70 0.09 -0.28	22.06 0.11 -0.64	21.92 0.09 -0.51	24.37 0.10 0.00	23.65 0.09 0.00	24.15 0.17 0.00	25.76 0.15 0.00	25.85 0.08 0.00	27.15 0.11 0.00	29.98 0.06 0.00	31.71 0.09 0.00	38.03 0.08 0.00	37.17 0.00 0.00	34.52 0.00 0.00	25.78 0.03 -0.26	23.29 0.07 -0.19	21.58 0.06 -0.22	20.57 0.10 -0.05

PUCKETT___SOLAR 323809	21.92 0.68 0.00	19.61 0.61 0.00	18.98 0.61 0.00	16.86 0.39 -0.31	18.03 0.56 0.00	19.41 0.62 0.00	23.07 0.70 -1.02	24.43 0.75 -2.36	23.90 0.68 -1.90	25.19 0.92 0.00	24.38 0.82 0.00	24.99 1.01 0.00	26.65 1.05 0.00	26.77 1.00 0.00	28.16 1.11 0.00	31.18 1.26 0.00	33.10 1.49 0.00	39.86 1.90 0.00	38.95 1.78 0.00	36.21 1.69 0.00	27.71 1.15 -1.06	24.65 0.92 -0.69	22.73 0.62 -0.81	21.32 0.71 -0.18
PYRITES___HYD 24023	21.02 -0.21 0.00	18.79 -0.21 0.00	18.19 -0.18 0.00	16.03 -0.13 0.00	17.33 -0.14 0.00	18.68 -0.11 0.00	21.13 -0.21 0.00	21.13 -0.19 0.00	21.11 -0.21 0.00	23.96 -0.32 0.00	23.39 -0.16 0.00	23.96 -0.02 0.00	25.50 -0.10 0.00	25.74 -0.03 0.00	27.05 0.00 0.00	30.04 0.12 0.00	31.71 0.09 0.00	37.92 -0.04 0.00	36.98 -0.19 0.00	34.24 -0.28 0.00	25.19 -0.31 0.00	22.81 -0.23 0.00	21.00 -0.30 0.00	20.03 -0.39 0.00
QUAKERRD_115KV_BK1 80622	20.64 -0.59 0.00	18.45 -0.55 0.00	17.84 -0.53 0.00	15.89 -0.37 -0.10	16.96 -0.51 0.00	18.32 -0.47 0.00	21.25 -0.43 -0.33	21.67 -0.43 -0.78	21.51 -0.43 -0.62	23.67 -0.61 0.00	23.06 -0.49 0.00	23.60 -0.38 0.00	25.17 -0.44 0.00	25.25 -0.52 0.00	26.61 -0.43 0.00	29.41 -0.51 0.00	31.04 -0.57 0.00	37.12 -0.84 0.00	36.28 -0.89 0.00	33.69 -0.83 0.00	25.17 -0.64 -0.31	22.78 -0.48 -0.23	21.18 -0.38 -0.27	20.14 -0.35 -0.06
QUEENSBRY_115KV_TB8 356137	22.62 1.38 0.00	20.20 1.20 0.00	19.52 1.14 0.00	18.36 0.97 -1.23	18.59 1.12 0.00	19.99 1.20 0.00	26.83 1.52 -3.97	32.13 1.62 -9.19	30.21 1.49 -7.40	26.15 1.77 -0.10	25.18 1.63 0.00	25.63 1.65 0.00	27.09 1.48 0.00	27.16 1.39 0.00	28.34 1.43 0.14	31.40 1.71 0.22	33.36 1.71 -0.04	41.97 2.39 -1.62	40.30 2.82 -0.31	37.47 2.69 -0.26	32.63 2.22 -4.92	27.56 1.84 -2.68	25.90 1.45 -3.15	22.90 1.76 -0.72
RAMAPO___LBMP 323565	22.38 1.15 0.00	19.99 0.99 0.00	19.30 0.92 0.00	17.78 0.78 -0.84	18.29 0.82 0.00	19.67 0.88 0.00	25.26 1.20 -2.72	28.86 1.24 -6.30	27.55 1.26 -4.97	26.14 1.58 -0.29	25.04 1.48 0.00	25.39 1.41 0.00	27.19 1.59 0.00	27.42 1.65 0.00	28.78 1.62 -0.11	31.86 1.77 -0.18	33.33 1.87 0.15	43.89 2.54 -3.39	38.46 2.38 1.09	35.89 2.28 0.91	30.00 1.63 -2.87	26.37 1.50 -1.84	24.73 1.28 -2.16	22.02 1.10 -0.49
RANKINE____ 23646	20.96 -0.28 0.00	18.89 -0.11 0.00	18.17 -0.20 0.00	15.75 -0.57 -0.15	17.31 -0.16 0.00	18.75 -0.04 0.00	21.18 -0.66 -0.50	20.11 -0.83 0.37	21.15 -0.87 -0.71	23.93 -0.34 0.00	23.60 0.05 0.00	24.36 0.38 0.00	25.76 0.15 0.00	25.85 0.08 0.00	27.29 0.24 0.00	29.98 0.06 0.00	31.61 0.00 0.00	37.47 -0.49 0.00	36.39 -0.78 0.00	33.97 -0.55 0.00	24.92 -0.41 0.17	22.43 -0.51 0.11	21.10 -0.60 -0.40	19.96 -0.55 -0.09
RAVENSWOOD_GT2_1 24244	22.66 1.42 0.00	20.22 1.22 0.00	19.53 1.16 0.00	18.04 0.95 -0.93	18.48 1.01 0.00	19.90 1.11 0.00	25.88 1.54 -3.00	29.87 1.60 -6.95	28.60 1.64 -5.64	26.55 1.99 -0.28	25.53 1.91 -0.07	25.84 1.80 -0.06	27.70 2.07 -0.03	27.93 2.14 -0.03	29.31 2.14 -0.13	32.43 2.30 -0.21	34.06 2.34 -0.11	44.89 3.11 -3.82	40.98 2.97 -0.83	38.01 2.80 -0.69	30.68 2.01 -3.17	26.91 1.84 -2.03	25.26 1.58 -2.38	22.29 1.33 -0.54
RAVENSWOOD_GT2_2 24245	22.66 1.42 0.00	20.22 1.22 0.00	19.53 1.16 0.00	18.04 0.95 -0.93	18.48 1.01 0.00	19.90 1.11 0.00	25.88 1.54 -3.00	29.87 1.60 -6.95	28.60 1.64 -5.64	26.55 1.99 -0.28	25.53 1.91 -0.07	25.84 1.80 -0.06	27.70 2.07 -0.03	27.93 2.14 -0.03	29.31 2.14 -0.13	32.43 2.30 -0.21	34.06 2.34 -0.11	44.89 3.11 -3.82	40.98 2.97 -0.83	38.01 2.80 -0.69	30.68 2.01 -3.17	26.91 1.84 -2.03	25.26 1.58 -2.38	22.29 1.33 -0.54
RAVENSWOOD_GT2_3 24246	22.66 1.42 0.00	20.22 1.22 0.00	19.53 1.16 0.00	18.04 0.95 -0.93	18.48 1.01 0.00	19.90 1.11 0.00	25.88 1.54 -3.00	29.87 1.60 -6.95	28.60 1.64 -5.64	26.55 1.99 -0.28	25.53 1.91 -0.07	25.84 1.80 -0.06	27.70 2.07 -0.03	27.93 2.14 -0.03	29.31 2.14 -0.13	32.43 2.30 -0.21	34.06 2.34 -0.11	44.89 3.11 -3.82	40.98 2.97 -0.83	38.01 2.80 -0.69	30.68 2.01 -3.17	26.91 1.84 -2.03	25.26 1.58 -2.38	22.29 1.33 -0.54
RAVENSWOOD_GT2_4 24247	22.66 1.42 0.00	20.22 1.22 0.00	19.53 1.16 0.00	18.04 0.95 -0.93	18.48 1.01 0.00	19.90 1.11 0.00	25.88 1.54 -3.00	29.87 1.60 -6.95	28.60 1.64 -5.64	26.55 1.99 -0.28	25.53 1.91 -0.07	25.84 1.80 -0.06	27.70 2.07 -0.03	27.93 2.14 -0.03	29.31 2.14 -0.13	32.43 2.30 -0.21	34.06 2.34 -0.11	44.89 3.11 -3.82	40.98 2.97 -0.83	38.01 2.80 -0.69	30.68 2.01 -3.17	26.91 1.84 -2.03	25.26 1.58 -2.38	22.29 1.33 -0.54
RAVENSWOOD_GT3_1 24248	22.66 1.42 0.00	20.22 1.22 0.00	19.53 1.16 0.00	18.04 0.95 -0.93	18.48 1.01 0.00	19.90 1.11 0.00	25.88 1.54 -3.00	29.87 1.60 -6.95	28.60 1.64 -5.64	26.57 2.01 -0.28	25.53 1.91 -0.07	25.84 1.80 -0.06	27.70 2.07 -0.03	27.93 2.14 -0.03	29.31 2.14 -0.13	32.43 2.30 -0.21	34.06 2.34 -0.11	44.89 3.11 -3.82	40.98 2.97 -0.83	38.01 2.80 -0.69	30.68 2.01 -3.17	26.91 1.84 -2.03	25.26 1.58 -2.38	22.29 1.33 -0.54
RAVENSWOOD_GT3_2 24249	22.66 1.42 0.00	20.22 1.22 0.00	19.53 1.16 0.00	18.04 0.95 -0.93	18.48 1.01 0.00	19.90 1.11 0.00	25.88 1.54 -3.00	29.87 1.60 -6.95	28.60 1.64 -5.64	26.57 2.01 -0.28	25.53 1.91 -0.07	25.84 1.80 -0.06	27.70 2.07 -0.03	27.93 2.14 -0.03	29.31 2.14 -0.13	32.43 2.30 -0.21	34.06 2.34 -0.11	44.89 3.11 -3.82	40.98 2.97 -0.83	38.01 2.80 -0.69	30.68 2.01 -3.17	26.91 1.84 -2.03	25.26 1.58 -2.38	22.29 1.33 -0.54
RAVENSWOOD_GT3_3 24250	22.70 1.47 0.00	20.24 1.24 0.00	19.55 1.18 0.00	18.06 0.97 -0.93	18.50 1.03 0.00	19.92 1.13 0.00	25.90 1.56 -3.00	29.89 1.62 -6.95	28.65 1.68 -5.64	26.59 2.04 -0.28	25.55 1.93 -0.07	25.89 1.85 -0.06	27.75 2.12 -0.03	27.98 2.19 -0.03	29.37 2.19 -0.13	32.49 2.36 -0.21	34.12 2.40 -0.11	44.97 3.19 -3.82	41.01 3.01 -0.83	38.08 2.87 -0.69	30.71 2.04 -3.17	26.93 1.87 -2.03	25.28 1.60 -2.38	22.31 1.35 -0.54
RAVENSWOOD_GT3_4 24251	22.70 1.47 0.00	20.24 1.24 0.00	19.55 1.18 0.00	18.06 0.97 -0.93	18.50 1.03 0.00	19.92 1.13 0.00	25.90 1.56 -3.00	29.89 1.62 -6.95	28.65 1.68 -5.64	26.59 2.04 -0.28	25.55 1.93 -0.07	25.89 1.85 -0.06	27.75 2.12 -0.03	27.98 2.19 -0.03	29.37 2.19 -0.13	32.49 2.36 -0.21	34.12 2.40 -0.11	44.97 3.19 -3.82	41.01 3.01 -0.83	38.08 2.87 -0.69	30.71 2.04 -3.17	26.93 1.87 -2.03	25.28 1.60 -2.38	22.31 1.35 -0.54
RAVENSWOOD_GT_1 23729	22.79 1.55 -0.01	20.32 1.31 -0.01	19.64 1.25 -0.01	18.13 1.04 -0.94	18.60 1.12 -0.01	19.98 1.18 0.00	26.00 1.64 -3.01	30.01 1.73 -6.96	33.26 1.75 -10.19	33.27 2.14 -6.86	34.44 2.03 -8.86	33.27 1.94 -7.35	35.15 2.15 -7.39	34.74 2.27 -6.70	35.17 2.27 -5.85	34.20 2.42 -1.85	34.23 2.50 -0.12	45.00 3.22 -3.82	41.05 3.05 -0.83	38.18 2.97 -0.69	30.84 2.17 -3.18	27.03 1.96 -2.04	25.34 1.66 -2.38	22.48 1.51 -0.55



RAVENSWOOD_GT_10 24258	22.66 1.42 0.00	20.22 1.22 0.00	19.53 1.16 0.00	18.04 0.95 -0.93	18.48 1.01 0.00	19.90 1.11 0.00	25.88 1.54 -3.00	29.87 1.60 -6.95	28.60 1.64 -5.64	26.57 2.01 -0.28	25.53 1.91 -0.07	25.84 1.80 -0.06	27.70 2.07 -0.03	27.93 2.14 -0.03	29.31 2.14 -0.13	32.43 2.30 -0.21	34.06 2.34 -0.11	44.89 3.11 -3.82	40.98 2.97 -0.83	38.01 2.80 -0.69	30.68 2.01 -3.17	26.91 1.84 -2.03	25.26 1.58 -2.38	22.29 1.33 -0.54
RAVENSWOOD_GT_11 24259	22.68 1.44 0.00	20.22 1.22 0.00	19.54 1.16 0.00	18.04 0.95 -0.93	18.50 1.03 0.00	19.90 1.11 0.00	25.88 1.54 -3.00	29.87 1.60 -6.95	28.60 1.64 -5.64	26.57 2.01 -0.28	25.53 1.91 -0.07	25.84 1.80 -0.06	27.65 2.02 -0.03	27.91 2.11 -0.03	29.31 2.14 -0.13	32.40 2.27 -0.21	34.06 2.34 -0.11	44.93 3.15 -3.82	40.98 2.97 -0.83	38.01 2.79 -0.69	30.68 2.01 -3.17	26.91 1.84 -2.03	25.23 1.55 -2.38	22.35 1.39 -0.54
RAVENSWOOD_GT_4 24252	22.66 1.42 0.00	20.20 1.20 0.00	19.53 1.16 0.00	18.03 0.94 -0.93	18.48 1.01 0.00	19.88 1.09 0.00	25.86 1.52 -3.00	29.87 1.60 -6.95	28.60 1.64 -5.64	26.55 1.99 -0.28	25.51 1.88 -0.07	25.84 1.80 -0.06	27.68 2.05 -0.03	27.93 2.14 -0.03	29.31 2.14 -0.13	32.43 2.30 -0.21	34.06 2.34 -0.11	44.89 3.11 -3.82	40.98 2.97 -0.83	38.01 2.80 -0.69	30.68 2.01 -3.17	26.91 1.84 -2.03	25.23 1.55 -2.38	22.29 1.33 -0.54
RAVENSWOOD_GT_5 24254	22.66 1.42 0.00	20.20 1.20 0.00	19.53 1.16 0.00	18.03 0.94 -0.93	18.48 1.01 0.00	19.88 1.09 0.00	25.86 1.52 -3.00	29.87 1.60 -6.95	28.60 1.64 -5.64	26.55 1.99 -0.28	25.51 1.88 -0.07	25.84 1.80 -0.06	27.68 2.05 -0.03	27.93 2.14 -0.03	29.31 2.14 -0.13	32.43 2.30 -0.21	34.06 2.34 -0.11	44.89 3.11 -3.82	40.98 2.97 -0.83	38.01 2.80 -0.69	30.68 2.01 -3.17	26.91 1.84 -2.03	25.23 1.55 -2.38	22.29 1.33 -0.54
RAVENSWOOD_GT_6 24253	22.66 1.42 0.00	20.20 1.20 0.00	19.53 1.16 0.00	18.03 0.94 -0.93	18.48 1.01 0.00	19.88 1.09 0.00	25.86 1.52 -3.00	29.87 1.60 -6.95	28.60 1.64 -5.64	26.55 1.99 -0.28	25.51 1.88 -0.07	25.84 1.80 -0.06	27.68 2.05 -0.03	27.93 2.14 -0.03	29.31 2.14 -0.13	32.43 2.30 -0.21	34.06 2.34 -0.11	44.89 3.11 -3.82	40.98 2.97 -0.83	38.01 2.80 -0.69	30.68 2.01 -3.17	26.91 1.84 -2.03	25.23 1.55 -2.38	22.29 1.33 -0.54
RAVENSWOOD_GT_7 24255	22.66 1.42 0.00	20.20 1.20 0.00	19.53 1.16 0.00	18.03 0.94 -0.93	18.48 1.01 0.00	19.88 1.09 0.00	25.86 1.52 -3.00	29.87 1.60 -6.95	28.60 1.64 -5.64	26.55 1.99 -0.28	25.51 1.88 -0.07	25.84 1.80 -0.06	27.68 2.05 -0.03	27.93 2.14 -0.03	29.31 2.14 -0.13	32.43 2.30 -0.21	34.06 2.34 -0.11	44.89 3.11 -3.82	40.98 2.97 -0.83	38.01 2.80 -0.69	30.68 2.01 -3.17	26.91 1.84 -2.03	25.23 1.55 -2.38	22.29 1.33 -0.54
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	22.66 1.42 0.00	20.22 1.22 0.00	19.53 1.16 0.00	18.04 0.95 -0.93	18.48 1.01 0.00	19.90 1.11 0.00	25.88 1.54 -3.00	29.87 1.60 -6.95	28.60 1.64 -5.64	26.57 2.01 -0.28	25.53 1.91 -0.07	25.84 1.80 -0.06	27.70 2.07 -0.03	27.93 2.14 -0.03	29.31 2.14 -0.13	32.43 2.30 -0.21	34.06 2.34 -0.11	44.89 3.11 -3.82	40.98 2.97 -0.83	38.01 2.80 -0.69	30.68 2.01 -3.17	26.91 1.84 -2.03	25.26 1.58 -2.38	22.29 1.33 -0.54
RAVENSWOOD_GT_9 24257	22.66 1.42 0.00	20.22 1.22 0.00	19.53 1.16 0.00	18.04 0.95 -0.93	18.48 1.01 0.00	19.90 1.11 0.00	25.88 1.54 -3.00	29.87 1.60 -6.95	28.60 1.64 -5.64	26.57 2.01 -0.28	25.53 1.91 -0.07	25.84 1.80 -0.06	27.70 2.07 -0.03	27.93 2.14 -0.03	29.31 2.14 -0.13	32.43 2.30 -0.21	34.06 2.34 -0.11	44.89 3.11 -3.82	40.98 2.97 -0.83	38.01 2.80 -0.69	30.68 2.01 -3.17	26.91 1.84 -2.03	25.26 1.58 -2.38	22.29 1.33 -0.54
RAVENSWOOD___1 23533	22.79 1.55 -0.01	20.30 1.29 -0.01	19.64 1.25 -0.01	18.12 1.02 -0.94	18.58 1.10 -0.01	19.98 1.18 0.00	25.98 1.62 -3.01	29.99 1.71 -6.96	33.24 1.73 -10.19	33.24 2.11 -6.86	34.42 2.00 -8.86	33.25 1.92 -7.35	35.15 2.15 -7.39	34.71 2.24 -6.70	35.15 2.24 -5.85	34.20 2.42 -1.85	34.23 2.50 -0.12	45.00 3.22 -3.82	41.05 3.05 -0.83	38.18 2.97 -0.69	30.82 2.14 -3.18	27.01 1.94 -2.04	25.34 1.66 -2.38	22.46 1.49 -0.55
RAVENSWOOD___2 23534	22.73 1.49 -0.01	20.26 1.25 -0.01	19.58 1.19 -0.01	18.08 0.99 -0.94	18.54 1.07 -0.01	19.92 1.13 0.00	25.93 1.58 -3.01	29.92 1.64 -6.96	33.20 1.68 -10.19	33.19 2.06 -6.86	34.37 1.95 -8.86	33.17 1.85 -7.35	35.07 2.07 -7.39	34.64 2.16 -6.70	35.09 2.19 -5.85	34.11 2.34 -1.85	34.13 2.40 -0.12	44.70 2.92 -3.82	40.79 2.79 -0.83	38.01 2.79 -0.69	30.74 2.06 -3.18	26.96 1.89 -2.04	25.28 1.60 -2.38	22.42 1.45 -0.55
RAVENSWOOD___3 23535	22.68 1.44 0.00	20.22 1.22 0.00	19.54 1.16 0.00	18.04 0.95 -0.93	18.50 1.03 0.00	19.90 1.11 0.00	25.88 1.54 -3.00	29.87 1.60 -6.95	28.58 1.62 -5.64	26.55 1.99 -0.28	25.53 1.91 -0.07	25.84 1.80 -0.06	27.65 2.02 -0.03	27.91 2.11 -0.03	29.29 2.11 -0.13	32.40 2.27 -0.21	34.06 2.34 -0.11	44.93 3.15 -3.82	40.98 2.97 -0.83	38.01 2.79 -0.69	30.68 2.01 -3.17	26.91 1.84 -2.03	25.23 1.55 -2.38	22.35 1.39 -0.54
RAVENSWOOD___4 23820	22.77 1.53 -0.01	20.28 1.27 -0.01	19.62 1.23 -0.01	18.12 1.02 -0.94	18.58 1.10 -0.01	19.96 1.17 0.00	25.96 1.60 -3.01	29.96 1.68 -6.96	33.22 1.71 -10.19	33.22 2.09 -6.86	34.42 2.00 -8.86	33.22 1.89 -7.35	35.12 2.12 -7.39	34.69 2.22 -6.70	35.12 2.22 -5.85	34.17 2.39 -1.85	34.20 2.47 -0.12	44.97 3.19 -3.82	41.01 3.01 -0.83	38.14 2.93 -0.69	30.79 2.12 -3.18	27.01 1.94 -2.04	25.32 1.64 -2.38	22.44 1.47 -0.55
RCPL_TRUST___DRP 24196	22.66 1.42 0.00	20.22 1.22 0.00	19.53 1.16 0.00	18.04 0.95 -0.93	18.48 1.01 0.00	19.88 1.09 0.00	25.88 1.54 -3.00	29.91 1.64 -6.95	28.65 1.68 -5.64	26.59 2.04 -0.28	25.58 1.96 -0.07	25.89 1.85 -0.06	27.75 2.12 -0.03	28.01 2.22 -0.03	29.39 2.22 -0.13	32.52 2.39 -0.21	34.12 2.40 -0.11	45.00 3.23 -3.82	41.05 3.05 -0.83	38.08 2.87 -0.69	30.74 2.07 -3.17	26.93 1.87 -2.03	25.26 1.58 -2.38	22.29 1.33 -0.54
RED___ROCHESTER 323720	21.28 0.04 0.00	19.04 0.04 0.00	18.40 0.02 0.00	16.37 0.10 -0.11	17.47 0.00 0.00	18.90 0.11 0.00	21.90 0.21 -0.35	22.31 0.19 -0.80	22.17 0.21 -0.64	24.42 0.15 0.00	23.84 0.28 0.00	24.46 0.48 0.00	26.14 0.54 0.00	26.18 0.41 0.00	27.59 0.54 0.00	30.49 0.57 0.00	32.15 0.54 0.00	38.45 0.49 0.00	37.50 0.33 0.00	34.90 0.38 0.00	26.11 0.25 -0.35	23.57 0.30 -0.23	21.85 0.28 -0.27	20.61 0.12 -0.06
REGAN___SOLAR 323812	23.68 2.44 0.00	21.19 2.18 0.00	20.49 2.11 0.00	19.17 1.78 -1.24	19.53 2.06 0.00	21.03 2.24 0.00	28.21 2.86 -4.00	33.57 2.98 -9.27	31.49 2.71 -7.46	27.48 3.11 -0.10	26.31 2.75 0.00	26.78 2.80 0.00	28.54 2.94 0.00	28.63 2.86 0.00	29.99 3.06 0.11	33.33 3.59 0.18	35.73 4.08 -0.04	44.85 5.31 -1.58	42.97 5.50 -0.30	39.98 5.21 -0.25	34.52 4.00 -5.02	29.04 3.29 -2.70	27.05 2.58 -3.17	23.53 2.39 -0.72

RENSSELAER___COGEN 23796	21.75 0.51 0.00	19.46 0.46 0.00	18.82 0.44 0.00	17.79 0.44 -1.19	17.96 0.49 0.00	19.28 0.49 0.00	25.78 0.58 -3.86	30.85 0.60 -8.93	29.09 0.58 -7.20	25.06 0.68 -0.11	24.10 0.54 0.00	24.46 0.48 0.00	26.14 0.54 0.00	26.31 0.54 0.00	27.49 0.57 0.13	30.40 0.69 0.21	32.41 0.76 -0.04	40.83 1.18 -1.70	38.68 1.19 -0.32	35.85 1.07 -0.26	30.78 0.87 -4.42	26.40 0.76 -2.61	24.91 0.55 -3.06	21.61 0.49 -0.70
REPUBLIC_115KV_BARTNBRK 55605	23.78 2.55 0.00	21.21 2.20 0.00	20.49 2.11 0.00	19.13 1.75 -1.23	19.50 2.03 0.00	20.99 2.20 0.00	28.02 2.71 -3.97	33.43 2.92 -9.19	31.40 2.69 -7.40	27.56 3.18 -0.10	26.48 2.92 0.00	27.05 3.07 0.00	28.44 2.84 0.00	28.39 2.63 0.00	29.64 2.73 0.14	32.90 3.20 0.23	35.00 3.35 -0.04	43.95 4.37 -1.62	42.35 4.87 -0.31	39.37 4.59 -0.26	34.23 3.82 -4.91	28.88 3.16 -2.68	27.00 2.56 -3.15	23.90 2.76 -0.72
REVERE_CPPR_DRP 24186	21.85 0.62 0.00	19.53 0.53 0.00	18.91 0.53 0.00	16.63 0.42 -0.05	17.98 0.51 0.00	19.35 0.56 0.00	22.21 0.70 -0.16	22.37 0.68 -0.37	22.30 0.68 -0.30	25.05 0.78 0.00	24.26 0.71 0.00	24.89 0.91 0.00	26.55 0.95 0.00	26.72 0.95 0.00	28.07 1.03 0.00	31.00 1.08 0.00	32.81 1.20 0.00	39.40 1.44 0.00	38.66 1.49 0.00	35.90 1.38 0.00	26.51 0.87 -0.15	23.91 0.76 -0.11	21.94 0.51 -0.13	20.90 0.45 -0.03
REYNOLDS_115KV_TB3 80639	21.87 0.64 0.00	19.61 0.61 0.00	18.96 0.59 0.00	17.89 0.53 -1.19	18.06 0.59 0.00	19.41 0.62 0.00	25.95 0.75 -3.86	31.03 0.77 -8.94	29.27 0.75 -7.20	25.26 0.87 -0.11	24.31 0.75 0.00	24.68 0.70 0.00	26.34 0.74 0.00	26.51 0.75 0.00	27.68 0.78 0.15	30.61 0.93 0.24	32.67 1.01 -0.04	41.12 1.44 -1.72	38.94 1.45 -0.32	36.10 1.31 -0.27	31.01 1.05 -4.47	26.59 0.94 -2.61	25.06 0.70 -3.06	21.73 0.61 -0.70
RIVERBAY____ 323610	22.83 1.59 0.00	20.37 1.37 0.00	19.68 1.30 0.00	18.17 1.08 -0.93	18.62 1.15 0.00	20.03 1.24 0.00	26.04 1.71 -2.99	30.03 1.77 -6.94	28.75 1.79 -5.64	26.68 2.14 -0.27	25.64 2.03 -0.06	25.95 1.92 -0.05	27.82 2.20 -0.02	28.08 2.29 -0.02	29.47 2.30 -0.12	32.63 2.51 -0.20	34.27 2.56 -0.10	45.00 3.23 -3.82	41.12 3.12 -0.83	38.25 3.04 -0.69	30.85 2.19 -3.16	27.06 2.00 -2.01	25.40 1.73 -2.38	22.44 1.47 -0.54
RIVERSDE_115KV_TB3 55908	21.81 0.57 0.00	19.55 0.55 0.00	18.93 0.55 0.00	17.86 0.50 -1.19	18.03 0.56 0.00	19.37 0.58 0.00	25.90 0.68 -3.87	30.98 0.70 -8.96	29.26 0.72 -7.22	25.23 0.85 -0.11	24.26 0.71 0.00	24.63 0.65 0.00	26.32 0.72 0.00	26.46 0.70 0.00	27.64 0.73 0.14	30.56 0.87 0.23	32.60 0.95 -0.04	41.03 1.37 -1.70	38.87 1.38 -0.32	36.03 1.24 -0.27	30.98 0.99 -4.49	26.53 0.88 -2.61	25.00 0.64 -3.07	21.67 0.55 -0.70
ROARING___BROOK_WT_PWR 323790	20.15 -1.08 0.00	18.01 -0.99 0.00	17.42 -0.96 0.00	15.35 -0.81 0.00	16.60 -0.87 0.00	17.83 -0.96 0.00	20.30 -1.05 0.00	20.30 -1.02 0.00	20.38 -0.94 0.00	23.35 -0.92 0.00	22.78 -0.78 0.00	23.24 -0.74 0.00	24.83 -0.77 0.00	25.05 -0.72 0.00	26.32 -0.73 0.00	29.11 -0.81 0.00	30.69 -0.92 0.00	36.71 -1.25 0.00	35.61 -1.56 0.00	32.79 -1.72 0.00	24.09 -1.40 0.00	21.68 -1.36 0.00	20.02 -1.28 0.00	19.16 -1.27 0.00
ROCHESRG_115KV_T4 355643	21.05 -0.19 0.00	18.83 -0.17 0.00	18.19 -0.18 0.00	16.22 -0.05 -0.11	17.31 -0.16 0.00	18.70 -0.09 0.00	21.68 0.00 -0.34	22.09 -0.02 -0.79	21.93 -0.02 -0.63	24.10 -0.17 0.00	23.53 -0.02 0.00	24.12 0.14 0.00	25.68 0.08 0.00	25.77 0.00 0.00	27.13 0.08 0.00	29.98 0.06 0.00	31.61 0.00 0.00	37.81 -0.15 0.00	36.91 -0.26 0.00	34.31 -0.21 0.00	25.59 -0.15 -0.25	23.18 -0.05 -0.18	21.63 0.06 -0.27	20.55 0.06 -0.06
ROCHESTER_9_IC 23652	21.17 -0.06 0.00	18.94 -0.06 0.00	18.29 -0.09 0.00	16.30 0.03 -0.11	17.42 -0.05 0.00	18.81 0.02 0.00	21.82 0.13 -0.35	22.23 0.11 -0.80	22.06 0.11 -0.64	24.27 0.00 0.00	23.70 0.14 0.00	24.29 0.31 0.00	25.86 0.26 0.00	25.97 0.21 0.00	27.34 0.30 0.00	30.22 0.30 0.00	31.86 0.25 0.00	38.11 0.15 0.00	37.21 0.04 0.00	34.59 0.07 0.00	25.88 0.03 -0.35	23.39 0.12 -0.23	21.76 0.19 -0.27	20.67 0.18 -0.06
ROCKVIEW_13_KV_LD 356306	22.66 1.42 0.00	20.20 1.20 0.00	19.52 1.14 0.00	18.04 0.95 -0.93	18.50 1.03 0.00	19.92 1.13 0.00	25.88 1.54 -3.00	29.87 1.60 -6.95	28.60 1.64 -5.64	26.50 1.99 -0.24	25.44 1.88 0.00	25.78 1.80 0.00	27.68 2.07 0.00	27.91 2.14 0.00	29.28 2.11 -0.13	32.43 2.30 -0.21	34.09 2.37 -0.11	44.97 3.19 -3.82	41.05 3.05 -0.83	38.11 2.90 -0.69	30.68 2.01 -3.17	26.91 1.84 -2.03	25.26 1.58 -2.38	22.31 1.35 -0.54
ROME____115KV_TB2 80656	21.85 0.62 0.00	19.53 0.53 0.00	18.91 0.53 0.00	16.63 0.42 -0.05	17.98 0.51 0.00	19.35 0.56 0.00	22.21 0.70 -0.16	22.37 0.68 -0.37	22.30 0.68 -0.30	25.05 0.78 0.00	24.26 0.71 0.00	24.89 0.91 0.00	26.55 0.95 0.00	26.72 0.95 0.00	28.07 1.03 0.00	31.00 1.08 0.00	32.81 1.20 0.00	39.40 1.44 0.00	38.66 1.49 0.00	35.90 1.38 0.00	26.51 0.87 -0.15	23.91 0.76 -0.11	21.94 0.51 -0.13	20.90 0.45 -0.03
ROSETON___1 23587	22.06 0.83 0.00	19.72 0.72 0.00	19.08 0.70 0.00	17.84 0.61 -1.07	18.13 0.66 0.00	19.45 0.66 0.00	25.67 0.88 -3.46	30.19 0.87 -8.00	28.66 0.90 -6.45	25.50 1.09 -0.13	24.54 0.99 0.00	24.89 0.91 0.00	26.60 1.00 0.00	26.80 1.03 0.00	28.11 1.03 -0.03	31.14 1.17 -0.06	32.89 1.23 -0.05	41.70 1.71 -2.04	39.19 1.67 -0.34	36.39 1.59 -0.29	30.35 1.22 -3.63	26.48 1.11 -2.33	24.93 0.89 -2.74	21.86 0.82 -0.62
ROSETON___2 23588	22.06 0.83 0.00	19.72 0.72 0.00	19.08 0.70 0.00	17.84 0.61 -1.07	18.13 0.66 0.00	19.45 0.66 0.00	25.67 0.88 -3.46	30.19 0.87 -8.00	28.66 0.90 -6.45	25.50 1.09 -0.13	24.54 0.99 0.00	24.89 0.91 0.00	26.60 1.00 0.00	26.80 1.03 0.00	28.11 1.03 -0.03	31.14 1.17 -0.06	32.89 1.23 -0.05	41.70 1.71 -2.04	39.19 1.67 -0.34	36.39 1.59 -0.29	30.35 1.22 -3.63	26.48 1.11 -2.33	24.93 0.89 -2.74	21.86 0.82 -0.62
ROTTRDAM_115KV_TB3 80664	22.06 0.83 0.00	19.76 0.76 0.00	19.09 0.72 0.00	18.03 0.63 -1.24	18.17 0.70 0.00	19.52 0.73 0.00	26.29 0.94 -4.00	31.54 0.96 -9.27	29.70 0.92 -7.46	25.46 1.09 -0.10	24.54 0.99 0.00	24.94 0.96 0.00	26.63 1.02 0.00	26.77 1.00 0.00	27.96 1.03 0.11	30.93 1.20 0.18	32.91 1.26 -0.04	41.25 1.71 -1.58	39.22 1.75 -0.30	36.49 1.73 -0.25	31.84 1.33 -5.02	26.89 1.15 -2.70	25.39 0.92 -3.17	22.02 0.88 -0.72
RUSSELL___1 23602	21.28 0.04 0.00	19.04 0.04 0.00	18.38 0.00 0.00	16.36 0.10 -0.11	17.49 0.02 0.00	18.90 0.11 0.00	21.90 0.21 -0.35	22.33 0.21 -0.80	22.17 0.21 -0.64	24.42 0.15 0.00	23.84 0.28 0.00	24.46 0.48 0.00	26.04 0.44 0.00	26.13 0.36 0.00	27.53 0.49 0.00	30.43 0.51 0.00	32.08 0.47 0.00	38.38 0.42 0.00	37.47 0.30 0.00	34.83 0.31 0.00	26.05 0.20 -0.35	23.53 0.25 -0.23	21.87 0.30 -0.27	20.75 0.27 -0.06

RUSSELL___2 23532	21.28 0.04 0.00	19.04 0.04 0.00	18.38 0.00 0.00	16.36 0.10 -0.11	17.49 0.02 0.00	18.90 0.11 0.00	21.90 0.21 -0.35	22.33 0.21 -0.80	22.17 0.21 -0.64	24.42 0.15 0.00	23.84 0.28 0.00	24.46 0.48 0.00	26.04 0.44 0.00	26.13 0.36 0.00	27.53 0.49 0.00	30.43 0.51 0.00	32.08 0.47 0.00	38.38 0.42 0.00	37.47 0.30 0.00	34.83 0.31 0.00	26.05 0.20 -0.35	23.53 0.25 -0.23	21.87 0.30 -0.27	20.75 0.27 -0.06
RUSSELL___3 23549	21.28 0.04 0.00	19.04 0.04 0.00	18.38 0.00 0.00	16.36 0.10 -0.11	17.49 0.02 0.00	18.90 0.11 0.00	21.90 0.21 -0.35	22.33 0.21 -0.80	22.17 0.21 -0.64	24.42 0.15 0.00	23.84 0.28 0.00	24.46 0.48 0.00	26.04 0.44 0.00	26.13 0.36 0.00	27.53 0.49 0.00	30.43 0.51 0.00	32.08 0.47 0.00	38.38 0.42 0.00	37.47 0.30 0.00	34.83 0.31 0.00	26.05 0.20 -0.35	23.53 0.25 -0.23	21.87 0.30 -0.27	20.75 0.27 -0.06
RUSSELL___4 23556	21.28 0.04 0.00	19.04 0.04 0.00	18.38 0.00 0.00	16.36 0.10 -0.11	17.49 0.02 0.00	18.90 0.11 0.00	21.90 0.21 -0.35	22.33 0.21 -0.80	22.17 0.21 -0.64	24.42 0.15 0.00	23.84 0.28 0.00	24.46 0.48 0.00	26.04 0.44 0.00	26.13 0.36 0.00	27.53 0.49 0.00	30.43 0.51 0.00	32.08 0.47 0.00	38.38 0.42 0.00	37.47 0.30 0.00	34.83 0.31 0.00	26.05 0.20 -0.35	23.53 0.25 -0.23	21.87 0.30 -0.27	20.75 0.27 -0.06
RUSSELL___STATION 23914	21.28 0.04 0.00	19.04 0.04 0.00	18.38 0.00 0.00	16.36 0.10 -0.11	17.49 0.02 0.00	18.90 0.11 0.00	21.90 0.21 -0.35	22.33 0.21 -0.80	22.17 0.21 -0.64	24.42 0.15 0.00	23.84 0.28 0.00	24.46 0.48 0.00	26.04 0.44 0.00	26.13 0.36 0.00	27.53 0.49 0.00	30.43 0.51 0.00	32.08 0.47 0.00	38.38 0.42 0.00	37.47 0.30 0.00	34.83 0.31 0.00	26.05 0.20 -0.35	23.53 0.25 -0.23	21.87 0.30 -0.27	20.75 0.27 -0.06
S SALMON___HYD 24043	21.64 0.40 0.00	19.34 0.34 0.00	18.73 0.35 0.00	16.49 0.26 -0.07	17.78 0.31 0.00	19.15 0.36 0.00	22.02 0.45 -0.23	22.32 0.47 -0.53	22.17 0.43 -0.43	24.76 0.49 0.00	24.03 0.47 0.00	24.65 0.67 0.00	26.29 0.69 0.00	26.41 0.64 0.00	27.78 0.73 0.00	30.43 0.51 0.00	32.21 0.60 0.00	38.76 0.80 0.00	37.91 0.74 0.00	35.28 0.76 0.00	26.22 0.51 -0.21	23.79 0.60 -0.15	21.88 0.40 -0.18	20.85 0.39 -0.04
S.PERRY___115KV_TB1 80734	21.85 0.62 0.00	19.57 0.57 0.00	18.87 0.50 0.00	16.64 0.32 -0.16	17.96 0.49 0.00	19.47 0.68 0.00	22.47 0.62 -0.51	27.10 0.68 -5.10	23.44 0.60 -1.53	25.07 0.80 0.00	24.50 0.94 0.00	25.20 1.22 0.00	26.75 1.15 0.00	26.80 1.03 0.00	27.59 0.54 0.00	30.52 0.60 0.00	32.40 0.79 0.00	38.87 0.91 0.00	37.99 0.82 0.00	35.42 0.90 0.00	28.96 1.12 -2.34	25.48 0.92 -1.52	22.34 0.64 -0.40	21.09 0.57 -0.09
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	20.66 -0.57 0.00	18.64 -0.36 0.00	17.94 -0.44 0.00	15.73 -0.58 -0.15	17.09 -0.38 0.00	18.49 -0.30 0.00	21.12 -0.70 -0.48	20.05 -0.87 0.39	21.04 -0.96 -0.68	23.57 -0.70 0.00	23.23 -0.33 0.00	23.98 0.00 0.00	25.35 -0.26 0.00	25.41 -0.36 0.00	26.80 -0.24 0.00	29.50 -0.42 0.00	31.04 -0.57 0.00	36.82 -1.14 0.00	35.80 -1.38 0.00	33.38 -1.14 0.00	24.53 -0.79 0.18	22.21 -0.71 0.11	21.02 -0.66 -0.38	19.94 -0.57 -0.09
SAWYER___23_KV_LOAD 55526	20.66 -0.57 0.00	18.64 -0.36 0.00	17.94 -0.44 0.00	15.73 -0.58 -0.15	17.09 -0.38 0.00	18.49 -0.30 0.00	21.12 -0.70 -0.48	20.05 -0.87 0.39	21.04 -0.96 -0.68	23.57 -0.70 0.00	23.23 -0.33 0.00	23.98 0.00 0.00	25.35 -0.26 0.00	25.41 -0.36 0.00	26.80 -0.24 0.00	29.50 -0.42 0.00	31.04 -0.57 0.00	36.82 -1.14 0.00	35.80 -1.38 0.00	33.38 -1.14 0.00	24.53 -0.79 0.18	22.21 -0.71 0.11	21.02 -0.66 -0.38	19.94 -0.57 -0.09
SELKIRK___I 23801	22.02 0.79 0.00	19.70 0.70 0.00	19.06 0.68 0.00	17.95 0.61 -1.17	18.17 0.70 0.00	19.49 0.70 0.00	25.98 0.83 -3.81	30.96 0.83 -8.81	29.22 0.81 -7.09	25.33 0.95 -0.11	24.38 0.82 0.00	24.77 0.79 0.00	26.45 0.84 0.00	26.62 0.85 0.00	27.85 0.89 0.09	30.83 1.05 0.14	32.79 1.14 -0.04	41.25 1.59 -1.70	39.10 1.63 -0.29	36.28 1.52 -0.25	30.92 1.17 -4.25	26.65 1.04 -2.57	25.12 0.81 -3.02	21.87 0.76 -0.69
SELKIRK___II 23799	21.83 0.59 0.00	19.53 0.53 0.00	18.89 0.51 0.00	17.83 0.48 -1.19	18.01 0.54 0.00	19.32 0.53 0.00	25.83 0.64 -3.85	30.90 0.66 -8.92	29.14 0.64 -7.18	25.16 0.78 -0.11	24.21 0.66 0.00	24.58 0.60 0.00	26.27 0.66 0.00	26.43 0.67 0.00	27.65 0.70 0.10	30.60 0.84 0.16	32.54 0.88 -0.04	40.92 1.29 -1.67	38.78 1.30 -0.31	35.98 1.21 -0.26	30.76 0.94 -4.32	26.47 0.83 -2.60	24.99 0.64 -3.05	21.69 0.57 -0.70
SENECA OSWGO___HYD 24041	21.60 0.36 0.00	19.32 0.32 0.00	18.69 0.31 0.00	16.47 0.23 -0.08	17.73 0.26 0.00	19.11 0.32 0.00	22.04 0.45 -0.25	22.39 0.49 -0.58	22.26 0.47 -0.47	24.83 0.56 0.00	24.10 0.54 0.00	24.68 0.70 0.00	26.32 0.72 0.00	26.41 0.64 0.00	27.80 0.76 0.00	30.43 0.51 0.00	32.24 0.63 0.00	38.72 0.76 0.00	37.80 0.63 0.00	35.14 0.62 0.00	26.16 0.43 -0.23	23.74 0.53 -0.17	21.90 0.40 -0.20	20.90 0.43 -0.05
SENECA___115KV_TB3 355854	20.98 -0.25 0.00	18.93 -0.08 0.00	18.21 -0.17 0.00	15.78 -0.53 -0.15	17.33 -0.14 0.00	18.79 0.00 0.00	21.22 -0.62 -0.50	20.16 -0.79 0.37	21.20 -0.83 -0.71	23.98 -0.29 0.00	23.65 0.09 0.00	24.41 0.43 0.00	25.81 0.20 0.00	25.90 0.13 0.00	27.34 0.30 0.00	30.04 0.12 0.00	31.67 0.06 0.00	37.54 -0.42 0.00	36.43 -0.74 0.00	34.04 -0.48 0.00	24.97 -0.36 0.17	22.45 -0.48 0.11	21.12 -0.58 -0.40	19.98 -0.53 -0.09
SENECA___ENERGY 23797	21.19 -0.04 0.00	18.98 -0.02 0.00	18.34 -0.04 0.00	16.18 -0.10 -0.11	17.42 -0.05 0.00	18.81 0.02 0.00	21.74 0.04 -0.36	22.51 0.09 -1.11	22.09 0.06 -0.71	24.39 0.12 0.00	23.70 0.14 0.00	24.24 0.26 0.00	25.88 0.28 0.00	25.97 0.21 0.00	27.32 0.27 0.00	30.16 0.24 0.00	31.86 0.25 0.00	38.26 0.30 0.00	37.36 0.19 0.00	34.73 0.21 0.00	26.12 0.13 -0.49	23.43 0.07 -0.32	21.58 0.00 -0.28	20.53 0.04 -0.06
SHOEMAKER___GT 23640	22.26 1.02 0.00	19.86 0.86 0.00	19.20 0.83 0.00	17.60 0.68 -0.76	18.19 0.72 0.00	19.54 0.75 0.00	24.80 0.98 -2.48	28.03 0.98 -5.73	26.86 1.00 -4.53	24.98 1.26 0.56	24.76 1.20 0.00	25.11 1.13 0.00	26.86 1.25 0.00	27.06 1.29 0.00	28.44 1.30 -0.09	31.50 1.44 -0.15	33.05 1.55 0.11	31.75 2.12 8.34	38.30 1.97 0.84	35.78 1.97 0.70	29.51 1.40 -2.61	25.98 1.27 -1.67	24.32 1.06 -1.96	21.87 1.00 -0.45
SHOEMAKR_138KV_BK 111 55601	22.23 1.00 0.00	19.86 0.86 0.00	19.19 0.81 0.00	17.58 0.66 -0.75	18.17 0.70 0.00	19.52 0.73 0.00	24.77 0.98 -2.45	27.98 1.00 -5.66	26.83 1.02 -4.48	24.72 1.26 0.81	24.76 1.20 0.00	25.11 1.13 0.00	26.88 1.28 0.00	27.09 1.31 0.00	28.43 1.30 -0.09	31.53 1.47 -0.14	33.05 1.55 0.11	28.24 2.13 11.84	38.32 1.97 0.82	35.80 1.97 0.69	29.48 1.40 -2.58	25.96 1.27 -1.65	24.30 1.06 -1.94	21.80 0.94 -0.44

SHOREHAM_IC_1 23715	25.09 2.70 -1.16	21.20 2.20 0.00	20.43 2.06 0.00	18.83 1.75 -0.93	19.64 2.17 -0.01	21.07 2.27 -0.01	27.67 2.84 -3.48	31.17 2.88 -6.98	31.20 2.86 -7.03	30.56 3.52 -2.77	30.46 3.23 -3.68	30.46 3.17 -3.32	30.58 3.48 -1.49	30.48 3.48 -1.23	30.79 3.60 -0.15	33.98 3.83 -0.23	35.83 4.08 -0.14	49.49 5.12 -6.40	50.52 4.87 -8.49	47.67 4.63 -8.52	43.60 3.42 -14.69	32.85 3.23 -6.59	29.28 2.94 -5.04	26.00 2.74 -2.84
SHOREHAM_IC_2 23716	25.09 2.70 -1.16	21.20 2.20 0.00	20.43 2.06 0.00	18.83 1.75 -0.93	19.64 2.17 -0.01	21.07 2.27 -0.01	27.67 2.84 -3.48	31.17 2.88 -6.98	31.20 2.86 -7.03	30.56 3.52 -2.77	30.46 3.23 -3.68	30.46 3.17 -3.32	30.58 3.48 -1.49	30.48 3.48 -1.23	30.79 3.60 -0.15	33.98 3.83 -0.23	35.83 4.08 -0.14	49.49 5.12 -6.40	50.52 4.87 -8.49	47.67 4.63 -8.52	43.60 3.42 -14.69	32.85 3.23 -6.59	29.28 2.94 -5.04	26.00 2.74 -2.84
SISSONVILLE____ 23735	20.90 -0.34 0.00	18.68 -0.32 0.00	18.06 -0.31 0.00	15.92 -0.24 0.00	17.19 -0.28 0.00	18.51 -0.28 0.00	20.94 -0.41 0.00	20.91 -0.41 0.00	20.94 -0.38 0.00	23.76 -0.51 0.00	23.23 -0.33 0.00	23.72 -0.26 0.00	25.27 -0.33 0.00	25.49 -0.28 0.00	26.78 -0.27 0.00	29.74 -0.18 0.00	31.39 -0.22 0.00	37.47 -0.49 0.00	36.43 -0.74 0.00	33.66 -0.86 0.00	24.78 -0.71 0.00	22.51 -0.53 0.00	20.81 -0.49 0.00	19.89 -0.53 0.00
SITHE_IND_GS1 24169	20.81 -0.42 0.00	18.62 -0.38 0.00	18.01 -0.37 0.00	15.89 -0.32 -0.05	17.10 -0.37 0.00	18.42 -0.38 0.00	21.09 -0.43 -0.17	21.25 -0.47 -0.40	21.15 -0.49 -0.32	23.67 -0.61 0.00	22.97 -0.59 0.00	23.38 -0.60 0.00	24.96 -0.64 0.00	25.07 -0.69 0.00	26.34 -0.70 0.00	29.11 -0.81 0.00	30.76 -0.85 0.00	36.90 -1.06 0.00	36.09 -1.08 0.00	33.52 -1.00 0.00	24.95 -0.71 -0.16	22.56 -0.60 -0.12	20.99 -0.45 -0.14	20.07 -0.39 -0.03
SITHE_IND_GS2 24170	20.81 -0.42 0.00	18.62 -0.38 0.00	18.01 -0.37 0.00	15.89 -0.32 -0.05	17.10 -0.37 0.00	18.42 -0.38 0.00	21.09 -0.43 -0.17	21.25 -0.47 -0.40	21.15 -0.49 -0.32	23.67 -0.61 0.00	22.97 -0.59 0.00	23.38 -0.60 0.00	24.96 -0.64 0.00	25.07 -0.69 0.00	26.34 -0.70 0.00	29.11 -0.81 0.00	30.76 -0.85 0.00	36.90 -1.06 0.00	36.09 -1.08 0.00	33.52 -1.00 0.00	24.95 -0.71 -0.16	22.56 -0.60 -0.12	20.99 -0.45 -0.14	20.07 -0.39 -0.03
SITHE_IND_GS3 24171	20.81 -0.42 0.00	18.62 -0.38 0.00	18.01 -0.37 0.00	15.89 -0.32 -0.05	17.10 -0.37 0.00	18.42 -0.38 0.00	21.09 -0.43 -0.17	21.25 -0.47 -0.40	21.15 -0.49 -0.32	23.67 -0.61 0.00	22.97 -0.59 0.00	23.38 -0.60 0.00	24.96 -0.64 0.00	25.07 -0.69 0.00	26.34 -0.70 0.00	29.11 -0.81 0.00	30.76 -0.85 0.00	36.90 -1.06 0.00	36.09 -1.08 0.00	33.52 -1.00 0.00	24.95 -0.71 -0.16	22.56 -0.60 -0.12	20.99 -0.45 -0.14	20.07 -0.39 -0.03
SITHE_IND_GS4 24172	20.81 -0.42 0.00	18.62 -0.38 0.00	18.01 -0.37 0.00	15.89 -0.32 -0.05	17.10 -0.37 0.00	18.42 -0.38 0.00	21.09 -0.43 -0.17	21.25 -0.47 -0.40	21.15 -0.49 -0.32	23.67 -0.61 0.00	22.97 -0.59 0.00	23.38 -0.60 0.00	24.96 -0.64 0.00	25.07 -0.69 0.00	26.34 -0.70 0.00	29.11 -0.81 0.00	30.76 -0.85 0.00	36.90 -1.06 0.00	36.09 -1.08 0.00	33.52 -1.00 0.00	24.95 -0.71 -0.16	22.56 -0.60 -0.12	20.99 -0.45 -0.14	20.07 -0.39 -0.03
SITHE____BATAVIA 24024	21.19 -0.04 0.00	19.04 0.04 0.00	18.38 0.00 0.00	16.19 -0.10 -0.13	17.45 -0.02 0.00	18.94 0.15 0.00	21.72 -0.04 -0.42	21.28 -0.15 -0.11	21.79 -0.19 -0.66	24.22 -0.05 0.00	23.79 0.24 0.00	24.51 0.53 0.00	26.16 0.56 0.00	26.16 0.39 0.00	27.56 0.51 0.00	30.43 0.51 0.00	32.02 0.41 0.00	38.15 0.19 0.00	37.17 0.00 0.00	34.69 0.17 0.00	25.64 0.08 -0.06	23.15 0.07 -0.04	21.63 0.00 -0.33	20.62 0.12 -0.08
SITHE____INDEPEND 23800	20.79 -0.45 0.00	18.62 -0.38 0.00	17.99 -0.39 0.00	15.89 -0.32 -0.05	17.10 -0.37 0.00	18.42 -0.38 0.00	21.09 -0.43 -0.17	21.25 -0.47 -0.40	21.17 -0.47 -0.32	23.67 -0.61 0.00	22.97 -0.59 0.00	23.38 -0.60 0.00	24.94 -0.67 0.00	25.07 -0.70 0.00	26.34 -0.70 0.00	29.08 -0.84 0.00	30.73 -0.89 0.00	36.90 -1.06 0.00	36.09 -1.08 0.00	33.52 -1.00 0.00	24.95 -0.71 -0.16	22.53 -0.62 -0.12	20.99 -0.45 -0.14	20.09 -0.37 -0.03
SITHE____MASSENA 23902	20.85 -0.38 0.00	18.66 -0.34 0.00	18.05 -0.33 0.00	15.92 -0.24 0.00	17.19 -0.28 0.00	18.49 -0.30 0.00	20.89 -0.45 0.00	20.87 -0.45 0.00	20.89 -0.43 0.00	23.72 -0.56 0.00	23.13 -0.42 0.00	23.60 -0.38 0.00	25.14 -0.46 0.00	25.36 -0.41 0.00	26.64 -0.40 0.00	29.56 -0.36 0.00	31.20 -0.41 0.00	37.31 -0.65 0.00	36.50 -0.67 0.00	33.79 -0.73 0.00	24.94 -0.56 0.00	22.51 -0.53 0.00	20.85 -0.45 0.00	19.93 -0.49 0.00
SITHE____OGDNSBRG 24021	21.02 -0.21 0.00	18.79 -0.21 0.00	18.17 -0.20 0.00	16.03 -0.13 0.00	17.33 -0.14 0.00	18.66 -0.13 0.00	21.09 -0.26 0.00	21.11 -0.21 0.00	21.08 -0.23 0.00	23.93 -0.34 0.00	23.37 -0.19 0.00	23.88 -0.10 0.00	25.45 -0.15 0.00	25.69 -0.08 0.00	26.97 -0.08 0.00	29.98 0.06 0.00	31.64 0.03 0.00	37.88 -0.08 0.00	37.06 -0.11 0.00	34.28 -0.24 0.00	25.27 -0.23 0.00	22.81 -0.23 0.00	21.00 -0.30 0.00	20.05 -0.37 0.00
SITHE____STERLING 23777	21.75 0.51 0.00	19.46 0.46 0.00	18.84 0.46 0.00	16.57 0.36 -0.06	17.89 0.42 0.00	19.28 0.49 0.00	22.12 0.60 -0.19	22.34 0.60 -0.43	22.24 0.58 -0.34	24.95 0.68 0.00	24.19 0.64 0.00	24.75 0.77 0.00	26.42 0.82 0.00	26.57 0.80 0.00	27.91 0.87 0.00	30.82 0.90 0.00	32.59 0.98 0.00	39.17 1.21 0.00	38.36 1.19 0.00	35.62 1.10 0.00	26.41 0.74 -0.17	23.79 0.62 -0.13	21.89 0.45 -0.15	20.90 0.45 -0.03
SLEIGHT__34_KV_TB1 80719	21.70 0.47 0.00	19.44 0.44 0.00	18.78 0.40 0.00	16.59 0.32 -0.10	17.85 0.38 0.00	19.28 0.49 0.00	22.32 0.64 -0.33	22.84 0.75 -0.77	22.69 0.75 -0.62	25.15 0.87 0.00	24.38 0.82 0.00	25.04 1.06 0.00	26.65 1.05 0.00	26.77 1.00 0.00	28.24 1.19 0.00	31.15 1.23 0.00	33.00 1.39 0.00	39.55 1.59 0.00	38.62 1.45 0.00	35.90 1.38 0.00	26.73 0.92 -0.31	24.05 0.78 -0.23	22.16 0.60 -0.27	21.08 0.59 -0.06
SOUTH CAIRO____GT 23612	22.42 1.19 0.00	20.01 1.01 0.00	19.35 0.97 0.00	18.17 0.89 -1.12	18.34 0.87 0.00	19.64 0.85 0.00	25.95 0.96 -3.64	30.69 0.94 -8.43	28.99 0.87 -6.79	25.41 1.02 -0.12	24.40 0.85 0.00	24.75 0.77 0.00	26.37 0.77 0.00	26.54 0.77 0.00	27.93 0.95 0.06	31.07 1.26 0.10	33.13 1.49 -0.03	42.01 2.24 -1.81	39.91 2.49 -0.25	37.25 2.52 -0.21	31.19 1.63 -4.06	26.95 1.45 -2.46	25.29 1.11 -2.89	22.14 1.06 -0.66
SOUTH HAMPTN____IC 23720	25.43 3.04 -1.16	21.49 2.49 0.00	20.71 2.33 0.00	19.06 1.97 -0.93	19.91 2.43 -0.01	21.37 2.57 -0.01	28.01 3.18 -3.48	31.54 3.24 -6.98	31.57 3.22 -7.03	31.00 3.96 -2.77	30.91 3.67 -3.68	30.92 3.62 -3.32	31.04 3.94 -1.49	30.94 3.94 -1.23	31.30 4.11 -0.14	34.55 4.40 -0.23	36.46 4.71 -0.14	50.25 5.88 -6.40	51.27 5.61 -8.48	48.32 5.28 -8.52	43.93 3.87 -14.56	33.25 3.62 -6.59	29.60 3.26 -5.04	26.32 3.06 -2.84

SOUTHDOW_115KV_TB1 355954	21.36 0.13 0.00	19.25 0.25 0.00	18.52 0.15 0.00	15.87 -0.45 -0.16	17.63 0.16 0.00	19.13 0.34 0.00	21.39 -0.49 -0.53	21.07 -0.51 -0.26	21.62 -0.55 -0.86	24.71 0.44 0.00	24.47 0.92 0.00	25.35 1.37 0.00	26.78 1.18 0.00	26.88 1.11 0.00	28.37 1.33 0.00	31.18 1.26 0.00	32.97 1.36 0.00	39.10 1.14 0.00	37.80 0.63 0.00	35.28 0.76 0.00	26.08 0.46 -0.13	23.14 0.02 -0.08	21.38 -0.34 -0.42	20.09 -0.43 -0.10
SOUTHOLD_69_KV_BK 2 55809	25.77 3.38 -1.16	21.79 2.79 0.00	21.00 2.63 0.00	19.29 2.20 -0.93	20.10 2.62 -0.01	21.68 2.88 -0.01	28.37 3.54 -3.48	31.91 3.62 -6.97	31.97 3.62 -7.03	31.46 4.42 -2.77	31.38 4.15 -3.68	31.40 4.10 -3.32	31.58 4.48 -1.49	31.56 4.56 -1.23	31.92 4.73 -0.14	35.35 5.21 -0.23	37.08 5.34 -0.13	51.04 6.68 -6.40	52.05 6.39 -8.48	49.05 6.01 -8.52	44.41 4.36 -14.56	33.71 4.08 -6.59	29.87 3.54 -5.04	26.55 3.29 -2.84
SOUTHOLD___IC 23719	25.77 3.38 -1.16	21.80 2.79 0.00	20.99 2.61 0.00	19.29 2.20 -0.93	20.20 2.72 -0.01	21.68 2.88 -0.01	28.37 3.54 -3.48	31.92 3.62 -6.98	31.97 3.62 -7.03	31.46 4.42 -2.77	31.38 4.15 -3.68	31.40 4.10 -3.32	31.55 4.45 -1.49	31.43 4.43 -1.23	31.84 4.65 -0.14	35.14 5.00 -0.23	37.09 5.34 -0.14	51.04 6.68 -6.40	52.09 6.43 -8.48	49.05 6.01 -8.52	44.41 4.36 -14.56	33.68 4.06 -6.59	29.96 3.62 -5.04	26.67 3.41 -2.84
SPIERFLS_115KV_TB 1 80737	22.47 1.23 0.00	20.07 1.06 0.00	19.39 1.01 0.00	18.24 0.86 -1.23	18.47 1.00 0.00	19.84 1.05 0.00	26.66 1.34 -3.97	31.97 1.45 -9.20	30.05 1.32 -7.41	25.95 1.58 -0.10	24.99 1.44 0.00	25.44 1.46 0.00	26.88 1.28 0.00	26.95 1.19 0.00	28.13 1.22 0.14	31.17 1.47 0.22	33.11 1.45 -0.04	41.63 2.05 -1.62	39.97 2.49 -0.31	37.16 2.38 -0.26	32.43 2.01 -4.92	27.38 1.66 -2.68	25.75 1.30 -3.15	22.79 1.65 -0.72
ST LAWRENCE____ 23600	20.75 -0.49 0.00	18.56 -0.44 0.00	17.95 -0.42 0.00	15.82 -0.34 0.00	17.09 -0.38 0.00	18.38 -0.41 0.00	20.77 -0.58 0.00	20.76 -0.55 0.00	20.76 -0.55 0.00	23.59 -0.68 0.00	22.99 -0.57 0.00	23.40 -0.58 0.00	24.96 -0.64 0.00	25.18 -0.59 0.00	26.43 -0.62 0.00	29.29 -0.63 0.00	30.91 -0.70 0.00	36.97 -0.99 0.00	36.28 -0.89 0.00	33.59 -0.93 0.00	24.81 -0.69 0.00	22.39 -0.64 0.00	20.74 -0.55 0.00	19.87 -0.55 0.00
STATE_CA_115KV_115_LB 55624	21.83 0.59 0.00	19.55 0.55 0.00	18.93 0.55 0.00	17.88 0.52 -1.20	18.05 0.58 0.00	19.37 0.58 0.00	25.94 0.70 -3.89	31.05 0.72 -9.01	29.28 0.70 -7.25	25.20 0.83 -0.11	24.26 0.71 0.00	24.63 0.65 0.00	26.34 0.74 0.00	26.49 0.72 0.00	27.67 0.76 0.13	30.64 0.93 0.21	32.63 0.98 -0.04	41.04 1.40 -1.68	38.90 1.41 -0.32	36.09 1.31 -0.26	31.08 1.02 -4.57	26.57 0.90 -2.63	25.04 0.66 -3.09	21.70 0.57 -0.70
STATE_ST_34_KV_LOAD 55959	21.62 0.38 0.00	19.36 0.36 0.00	18.73 0.35 0.00	16.50 0.23 -0.11	17.77 0.30 0.00	19.17 0.38 0.00	22.14 0.45 -0.35	22.80 0.51 -0.97	22.49 0.49 -0.68	24.88 0.61 0.00	24.10 0.54 0.00	24.68 0.70 0.00	26.29 0.69 0.00	26.41 0.64 0.00	27.83 0.78 0.00	30.70 0.78 0.00	32.53 0.92 0.00	39.02 1.06 0.00	38.14 0.97 0.00	35.45 0.93 0.00	26.57 0.64 -0.43	23.88 0.55 -0.28	22.00 0.43 -0.28	20.92 0.43 -0.06
STATION 5_MISC_HYD 23604	21.17 -0.06 0.00	18.94 -0.06 0.00	18.30 -0.07 0.00	16.30 0.03 -0.11	17.38 -0.09 0.00	18.81 0.02 0.00	21.82 0.13 -0.35	22.23 0.11 -0.80	22.06 0.11 -0.64	24.27 0.00 0.00	23.70 0.14 0.00	24.29 0.31 0.00	25.99 0.38 0.00	26.03 0.26 0.00	27.40 0.35 0.00	30.28 0.36 0.00	31.93 0.32 0.00	38.19 0.23 0.00	37.25 0.07 0.00	34.66 0.14 0.00	25.95 0.10 -0.35	23.43 0.16 -0.23	21.74 0.17 -0.27	20.51 0.02 -0.06
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	21.32 0.08 0.00	19.06 0.06 0.00	18.41 0.04 0.00	16.33 0.06 -0.11	17.52 0.05 0.00	18.92 0.13 0.00	21.88 0.19 -0.34	22.35 0.23 -0.80	22.19 0.23 -0.64	24.52 0.24 0.00	23.88 0.33 0.00	24.48 0.50 0.00	26.09 0.49 0.00	26.18 0.41 0.00	27.59 0.54 0.00	30.49 0.57 0.00	32.18 0.57 0.00	38.53 0.57 0.00	37.62 0.45 0.00	34.97 0.45 0.00	26.13 0.28 -0.35	23.52 0.25 -0.23	21.81 0.23 -0.27	20.69 0.20 -0.06
STA_56_34_KV_BUS2_REV_LBMP_B 345033	21.07 -0.17 0.00	18.83 -0.17 0.00	18.19 -0.18 0.00	16.20 -0.06 -0.11	17.31 -0.16 0.00	18.70 -0.09 0.00	21.69 0.00 -0.34	22.09 -0.02 -0.79	21.95 0.00 -0.63	24.15 -0.12 0.00	23.56 0.00 0.00	24.15 0.17 0.00	25.73 0.13 0.00	25.82 0.05 0.00	27.21 0.16 0.00	30.07 0.15 0.00	31.74 0.13 0.00	37.92 -0.04 0.00	37.06 -0.11 0.00	34.42 -0.10 0.00	25.71 -0.10 -0.32	23.25 -0.02 -0.23	21.63 0.06 -0.27	20.55 0.06 -0.06
STA_56___34_KV_BUS2 355983	21.07 -0.17 0.00	18.83 -0.17 0.00	18.19 -0.18 0.00	16.20 -0.06 -0.11	17.31 -0.16 0.00	18.70 -0.09 0.00	21.69 0.00 -0.34	22.09 -0.02 -0.79	21.95 0.00 -0.63	24.15 -0.12 0.00	23.56 0.00 0.00	24.15 0.17 0.00	25.73 0.13 0.00	25.82 0.05 0.00	27.21 0.16 0.00	30.07 0.15 0.00	31.74 0.13 0.00	37.92 -0.04 0.00	37.06 -0.11 0.00	34.42 -0.10 0.00	25.71 -0.10 -0.32	23.25 -0.02 -0.23	21.63 0.06 -0.27	20.55 0.06 -0.06
STA_67___115KV_BK2 355882	21.13 -0.11 0.00	18.91 -0.10 0.00	18.25 -0.13 0.00	16.27 0.00 -0.11	17.38 -0.09 0.00	18.77 -0.02 0.00	21.77 0.09 -0.35	22.16 0.04 -0.80	22.02 0.06 -0.64	24.22 -0.05 0.00	23.63 0.07 0.00	24.22 0.24 0.00	25.78 0.18 0.00	25.90 0.13 0.00	27.26 0.22 0.00	30.13 0.21 0.00	31.77 0.16 0.00	38.00 0.04 0.00	37.10 -0.07 0.00	34.48 -0.03 0.00	25.80 -0.05 -0.35	23.34 0.07 -0.23	21.70 0.13 -0.27	20.63 0.14 -0.06
STA_7___115KV_9TRANS 80674	21.28 0.04 0.00	19.04 0.04 0.00	18.38 0.00 0.00	16.36 0.10 -0.11	17.49 0.02 0.00	18.90 0.11 0.00	21.90 0.21 -0.35	22.33 0.21 -0.80	22.17 0.21 -0.64	24.42 0.15 0.00	23.84 0.28 0.00	24.46 0.48 0.00	26.04 0.44 0.00	26.13 0.36 0.00	27.53 0.49 0.00	30.43 0.51 0.00	32.08 0.47 0.00	38.38 0.42 0.00	37.47 0.30 0.00	34.83 0.31 0.00	26.05 0.20 -0.35	23.53 0.25 -0.23	21.87 0.30 -0.27	20.75 0.27 -0.06
STA_82___115KV_TB1 80780	21.13 -0.11 0.00	18.93 -0.08 0.00	18.27 -0.11 0.00	16.28 0.02 -0.11	17.38 -0.09 0.00	18.79 0.00 0.00	21.78 0.09 -0.35	22.19 0.06 -0.81	22.03 0.06 -0.64	24.22 -0.05 0.00	23.65 0.09 0.00	24.24 0.26 0.00	25.81 0.20 0.00	25.90 0.13 0.00	27.29 0.24 0.00	30.13 0.21 0.00	31.80 0.19 0.00	38.00 0.04 0.00	37.13 -0.04 0.00	34.52 0.00 0.00	25.83 -0.03 -0.36	23.34 0.07 -0.23	21.72 0.15 -0.28	20.63 0.14 -0.06
STEEL___WIND 323596	20.98 -0.25 0.00	18.91 -0.09 0.00	18.21 -0.17 0.00	15.77 -0.55 -0.15	17.28 -0.19 0.00	18.77 -0.02 0.00	21.22 -0.62 -0.50	20.14 -0.81 0.37	21.15 -0.88 -0.71	23.96 -0.32 0.00	23.60 0.05 0.00	24.39 0.41 0.00	26.01 0.41 0.00	25.97 0.21 0.00	27.34 0.30 0.00	30.13 0.21 0.00	31.71 0.10 0.00	37.58 -0.38 0.00	36.50 -0.67 0.00	34.07 -0.45 0.00	24.92 -0.41 0.17	22.43 -0.51 0.11	21.08 -0.62 -0.40	20.53 0.02 -0.09

STEPHTWN_115KV_BK_2 55603	22.00 0.76 0.00	19.70 0.70 0.00	19.06 0.68 0.00	17.97 0.61 -1.19	18.15 0.68 0.00	19.50 0.71 0.00	26.08 0.88 -3.86	31.17 0.92 -8.93	29.37 0.85 -7.20	25.40 1.02 -0.11	24.43 0.87 0.00	24.82 0.84 0.00	26.52 0.92 0.00	26.67 0.90 0.00	27.84 0.92 0.13	30.85 1.14 0.21	32.89 1.23 -0.04	41.40 1.75 -1.70	39.27 1.78 -0.32	36.44 1.66 -0.26	31.19 1.27 -4.42	26.75 1.11 -2.61	25.19 0.83 -3.06	21.83 0.71 -0.70
STEBEN_REC_LFGE 323667	21.58 0.34 0.00	19.40 0.40 0.00	18.69 0.31 0.00	16.28 -0.08 -0.20	17.78 0.31 0.00	19.26 0.47 0.00	22.14 0.15 -0.65	25.51 0.19 -4.00	23.01 0.11 -1.58	25.03 0.75 0.00	24.52 0.97 0.00	25.32 1.34 0.00	26.83 1.23 0.00	26.93 1.16 0.00	28.34 1.30 0.00	31.24 1.32 0.00	33.06 1.45 0.00	39.44 1.48 0.00	38.29 1.12 0.00	35.59 1.07 0.00	28.05 0.71 -1.84	24.63 0.39 -1.20	21.79 -0.02 -0.52	20.52 -0.02 -0.12
STONY__BROOK 24151	24.98 2.59 -1.16	21.09 2.09 0.00	20.27 1.89 0.00	18.70 1.62 -0.93	19.49 2.01 -0.01	20.92 2.12 -0.01	27.56 2.73 -3.48	31.09 2.79 -6.98	31.14 2.79 -7.03	30.44 3.40 -2.76	30.34 3.11 -3.68	30.34 3.05 -3.32	30.45 3.35 -1.49	30.40 3.40 -1.23	30.58 3.38 -0.15	33.80 3.65 -0.23	35.77 4.01 -0.14	49.34 4.97 -6.41	50.40 4.72 -8.50	47.47 4.42 -8.53	44.27 3.21 -15.56	32.65 3.02 -6.60	29.11 2.77 -5.04	25.85 2.59 -2.83
STURGEON_POOL_HYD 23609	22.23 1.00 0.00	19.86 0.86 0.00	19.19 0.81 0.00	17.82 0.68 -0.98	18.15 0.68 0.00	19.47 0.68 0.00	25.44 0.94 -3.16	29.58 0.94 -7.32	28.19 0.98 -5.89	25.63 1.21 -0.15	24.69 1.13 0.00	25.01 1.03 0.00	26.78 1.18 0.00	27.01 1.24 0.00	28.38 1.30 -0.03	31.44 1.47 -0.05	33.21 1.58 -0.02	42.23 2.16 -2.11	39.33 2.04 -0.12	36.69 2.07 -0.10	30.10 1.22 -3.38	26.42 1.24 -2.14	24.87 1.06 -2.51	21.91 0.92 -0.57
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	22.28 1.04 0.00	19.89 0.89 0.00	19.22 0.85 0.00	17.65 0.69 -0.79	18.20 0.73 0.00	19.58 0.79 0.00	24.98 1.07 -2.57	28.36 1.09 -5.95	27.14 1.11 -4.71	25.94 1.38 -0.28	24.85 1.30 0.00	25.20 1.22 0.00	26.98 1.38 0.00	27.21 1.44 0.00	28.55 1.41 -0.10	31.66 1.59 -0.16	33.16 1.68 0.12	43.64 2.32 -3.37	38.42 2.16 0.91	35.87 2.11 0.76	29.69 1.48 -2.71	26.13 1.36 -1.74	24.47 1.13 -2.04	21.89 1.00 -0.46
SWANROAD_115KV_TB1 355699	20.28 -0.96 0.00	18.34 -0.67 0.00	17.64 -0.74 0.00	15.56 -0.74 -0.14	16.75 -0.72 0.00	18.21 -0.58 0.00	20.82 -0.98 -0.46	19.92 -1.22 0.19	20.75 -1.26 -0.68	23.06 -1.21 0.00	22.71 -0.85 0.00	23.43 -0.55 0.00	24.76 -0.84 0.00	24.82 -0.95 0.00	26.18 -0.87 0.00	28.81 -1.11 0.00	30.31 -1.30 0.00	35.95 -2.01 0.00	34.94 -2.23 0.00	32.59 -1.93 0.00	24.07 -1.35 0.07	21.87 -1.13 0.04	20.68 -0.98 -0.37	19.67 -0.84 -0.08
SYNERGY__BIOGAS 323694	21.19 -0.04 0.00	19.04 0.04 0.00	18.38 0.00 0.00	16.19 -0.10 -0.13	17.45 -0.02 0.00	18.94 0.15 0.00	21.72 -0.04 -0.42	21.28 -0.15 -0.11	21.79 -0.19 -0.66	24.22 -0.05 0.00	23.79 0.24 0.00	24.51 0.53 0.00	26.16 0.56 0.00	26.16 0.39 0.00	27.56 0.51 0.00	30.43 0.51 0.00	32.02 0.41 0.00	38.15 0.19 0.00	37.17 0.00 0.00	34.69 0.17 0.00	25.64 0.08 -0.06	23.15 0.07 -0.04	21.63 0.00 -0.33	20.62 0.12 -0.08
SYRACUSE__ENERGY_ST1 323597	21.39 0.15 0.00	19.15 0.15 0.00	18.51 0.13 0.00	16.33 0.08 -0.09	17.59 0.12 0.00	18.94 0.15 0.00	21.84 0.21 -0.28	22.20 0.23 -0.65	22.05 0.21 -0.52	24.54 0.27 0.00	23.79 0.24 0.00	24.32 0.34 0.00	25.91 0.31 0.00	26.05 0.28 0.00	27.40 0.35 0.00	30.19 0.27 0.00	31.93 0.32 0.00	38.34 0.38 0.00	37.43 0.26 0.00	34.79 0.28 0.00	25.94 0.18 -0.26	23.44 0.21 -0.19	21.69 0.17 -0.22	20.70 0.22 -0.05
SYRACUSE__ENERGY_ST2 323598	21.39 0.15 0.00	19.15 0.15 0.00	18.51 0.13 0.00	16.33 0.08 -0.09	17.59 0.12 0.00	18.94 0.15 0.00	21.84 0.21 -0.28	22.20 0.23 -0.65	22.05 0.21 -0.52	24.54 0.27 0.00	23.79 0.24 0.00	24.32 0.34 0.00	25.91 0.31 0.00	26.05 0.28 0.00	27.40 0.35 0.00	30.19 0.27 0.00	31.93 0.32 0.00	38.34 0.38 0.00	37.43 0.26 0.00	34.79 0.28 0.00	25.94 0.18 -0.26	23.44 0.21 -0.19	21.69 0.17 -0.22	20.70 0.22 -0.05
SYRACUSE__POWER 24017	21.32 0.08 0.00	19.10 0.10 0.00	18.45 0.07 0.00	16.29 0.03 -0.10	17.54 0.07 0.00	18.88 0.09 0.00	21.81 0.15 -0.32	22.23 0.17 -0.74	22.06 0.15 -0.59	24.47 0.19 0.00	23.72 0.16 0.00	24.22 0.24 0.00	25.83 0.23 0.00	25.95 0.18 0.00	27.26 0.22 0.00	30.10 0.18 0.00	31.83 0.22 0.00	38.19 0.23 0.00	37.32 0.15 0.00	34.69 0.17 0.00	25.92 0.13 -0.30	23.39 0.14 -0.22	21.66 0.11 -0.25	20.62 0.14 -0.06
TALLMAN__138KV_BK151 55660	22.43 1.19 0.00	20.03 1.03 0.00	19.33 0.96 0.00	17.79 0.79 -0.84	18.31 0.84 0.00	19.69 0.90 0.00	25.29 1.24 -2.71	28.86 1.26 -6.28	27.58 1.30 -4.96	26.22 1.63 -0.32	25.09 1.53 0.00	25.44 1.46 0.00	27.24 1.64 0.00	27.47 1.70 0.00	28.83 1.68 -0.11	31.92 1.83 -0.17	33.39 1.93 0.14	44.43 2.66 -3.81	38.55 2.45 1.07	36.01 2.38 0.89	30.04 1.68 -2.86	26.41 1.54 -1.83	24.77 1.32 -2.15	22.06 1.14 -0.49
TEALLAVE_115KV_TB7 355573	21.26 0.02 0.00	19.02 0.02 0.00	18.40 0.02 0.00	16.24 0.00 -0.08	17.49 0.02 0.00	18.83 0.04 0.00	21.70 0.09 -0.27	22.03 0.09 -0.63	21.89 0.06 -0.50	24.35 0.07 0.00	23.63 0.07 0.00	24.12 0.14 0.00	25.73 0.13 0.00	25.85 0.08 0.00	27.13 0.08 0.00	29.92 0.00 0.00	31.67 0.06 0.00	38.00 0.04 0.00	37.13 -0.04 0.00	34.48 -0.03 0.00	25.75 0.00 -0.25	23.27 0.05 -0.18	21.56 0.04 -0.21	20.55 0.08 -0.05
TELGRAPH_34_KV_EAST 80808	20.83 -0.40 0.00	18.75 -0.25 0.00	18.06 -0.31 0.00	15.94 -0.36 -0.13	17.17 -0.30 0.00	18.64 -0.15 0.00	21.33 -0.45 -0.43	20.71 -0.58 0.03	21.37 -0.62 -0.67	23.76 -0.51 0.00	23.39 -0.16 0.00	24.12 0.14 0.00	25.52 -0.08 0.00	25.59 -0.18 0.00	27.02 -0.03 0.00	29.77 -0.15 0.00	31.33 -0.28 0.00	37.20 -0.76 0.00	36.24 -0.93 0.00	33.79 -0.72 0.00	24.97 -0.54 -0.01	22.61 -0.44 -0.01	21.26 -0.38 -0.34	20.17 -0.33 -0.08
TEMPLE__115KV_TB 2 55572	21.28 0.04 0.00	19.04 0.04 0.00	18.41 0.04 0.00	16.25 0.00 -0.08	17.49 0.02 0.00	18.85 0.06 0.00	21.70 0.09 -0.28	22.06 0.11 -0.64	21.92 0.09 -0.51	24.37 0.10 0.00	23.65 0.09 0.00	24.15 0.17 0.00	25.76 0.15 0.00	25.85 0.08 0.00	27.15 0.11 0.00	29.98 0.06 0.00	31.71 0.09 0.00	38.03 0.08 0.00	37.17 0.00 0.00	34.52 0.00 0.00	25.78 0.03 -0.26	23.29 0.07 -0.19	21.58 0.06 -0.22	20.57 0.10 -0.05
TIANA__69_KV_BK 1 55817	25.30 2.91 -1.16	21.40 2.39 0.00	20.66 2.28 0.00	18.98 1.89 -0.93	19.73 2.25 -0.01	21.30 2.50 -0.01	27.88 3.05 -3.48	31.40 3.11 -6.97	31.46 3.11 -7.03	30.87 3.84 -2.77	30.79 3.56 -3.68	30.80 3.50 -3.32	30.96 3.87 -1.49	30.94 3.94 -1.23	31.25 4.06 -0.14	34.60 4.46 -0.23	36.26 4.52 -0.13	50.02 5.66 -6.40	51.04 5.39 -8.48	48.12 5.07 -8.52	43.78 3.72 -14.56	33.18 3.55 -6.59	29.43 3.09 -5.04	26.14 2.88 -2.84

TILDEN___115KV_TB1 80814	21.32 0.08 0.00	19.10 0.10 0.00	18.45 0.07 0.00	16.29 0.03 -0.10	17.54 0.07 0.00	18.88 0.09 0.00	21.81 0.15 -0.32	22.23 0.17 -0.74	22.06 0.15 -0.59	24.47 0.19 0.00	23.72 0.16 0.00	24.22 0.24 0.00	25.83 0.23 0.00	25.95 0.18 0.00	27.26 0.22 0.00	30.10 0.18 0.00	31.83 0.22 0.00	38.19 0.23 0.00	37.32 0.15 0.00	34.69 0.17 0.00	25.92 0.13 -0.30	23.39 0.14 -0.22	21.66 0.11 -0.25	20.62 0.14 -0.06
TRIGEN___CC 323695	24.11 1.72 -1.15	20.39 1.39 0.00	19.64 1.27 0.00	18.12 1.03 -0.93	18.73 1.26 0.00	20.14 1.35 0.00	26.61 1.79 -3.48	30.13 1.85 -6.96	30.21 1.88 -7.02	29.34 2.31 -2.76	29.35 2.12 -3.67	29.33 2.04 -3.31	29.39 2.30 -1.48	29.33 2.34 -1.22	29.53 2.35 -0.13	32.67 2.54 -0.21	34.41 2.69 -0.11	47.80 3.45 -6.39	48.87 3.27 -8.43	46.13 3.11 -8.51	39.28 2.24 -11.54	31.69 2.07 -6.57	28.18 1.85 -5.03	24.88 1.63 -2.83
TRINITY___115KV___4 BK 55933	21.75 0.51 0.00	19.50 0.49 0.00	18.87 0.50 0.00	17.82 0.47 -1.19	17.98 0.51 0.00	19.32 0.53 0.00	25.83 0.62 -3.87	30.91 0.64 -8.95	29.12 0.60 -7.21	25.08 0.70 -0.11	24.14 0.59 0.00	24.51 0.53 0.00	26.24 0.64 0.00	26.38 0.62 0.00	27.57 0.65 0.13	30.49 0.78 0.21	32.51 0.85 -0.04	40.87 1.21 -1.69	38.75 1.26 -0.32	35.96 1.17 -0.26	30.86 0.92 -4.45	26.46 0.81 -2.61	24.96 0.60 -3.07	21.61 0.49 -0.70
UNION___PROCESSING_DRP 323587	21.15 -0.08 0.00	18.93 -0.08 0.00	18.27 -0.11 0.00	16.28 0.02 -0.11	17.40 -0.07 0.00	18.79 0.00 0.00	21.80 0.11 -0.35	22.19 0.06 -0.81	22.05 0.09 -0.64	24.25 -0.02 0.00	23.65 0.09 0.00	24.27 0.29 0.00	25.83 0.23 0.00	25.92 0.15 0.00	27.29 0.24 0.00	30.16 0.24 0.00	31.83 0.22 0.00	38.03 0.08 0.00	37.13 -0.04 0.00	34.52 0.00 0.00	25.85 0.00 -0.36	23.37 0.09 -0.24	21.72 0.15 -0.28	20.65 0.16 -0.06
UPPER HUDSON___HYD 24058	22.49 1.25 0.00	20.06 1.06 0.00	19.39 1.01 0.00	18.24 0.86 -1.23	18.46 1.00 0.00	19.84 1.05 0.00	26.66 1.35 -3.97	31.97 1.45 -9.20	30.07 1.34 -7.41	25.95 1.58 -0.10	24.99 1.44 0.00	25.44 1.46 0.00	26.86 1.25 0.00	26.93 1.16 0.00	28.13 1.22 0.14	31.17 1.47 0.22	33.11 1.45 -0.04	41.63 2.05 -1.62	40.01 2.53 -0.31	37.15 2.38 -0.26	32.43 2.01 -4.92	27.38 1.66 -2.68	25.73 1.28 -3.15	22.30 1.16 -0.72
UPPER RAQUET___HYD 24056	20.88 -0.36 0.00	18.68 -0.32 0.00	18.06 -0.31 0.00	15.92 -0.24 0.00	17.19 -0.28 0.00	18.51 -0.28 0.00	20.94 -0.41 0.00	20.91 -0.41 0.00	20.94 -0.38 0.00	23.76 -0.51 0.00	23.23 -0.33 0.00	23.72 -0.26 0.00	25.27 -0.33 0.00	25.49 -0.28 0.00	26.78 -0.27 0.00	29.74 -0.18 0.00	31.39 -0.22 0.00	37.43 -0.53 0.00	36.39 -0.78 0.00	33.62 -0.90 0.00	24.78 -0.71 0.00	22.46 -0.58 0.00	20.81 -0.49 0.00	19.85 -0.57 0.00
VALLEY44_115KV_TB2 355964	21.22 -0.02 0.00	19.13 0.13 0.00	18.41 0.04 0.00	15.39 -0.94 -0.17	17.52 0.05 0.00	19.00 0.21 0.00	20.82 -1.07 -0.54	20.65 -1.11 -0.44	20.98 -1.24 -0.90	24.37 0.10 0.00	24.00 0.45 0.00	24.80 0.82 0.00	26.22 0.61 0.00	26.34 0.57 0.00	27.78 0.73 0.00	30.55 0.63 0.00	32.34 0.73 0.00	38.41 0.46 0.00	37.10 -0.07 0.00	34.69 0.17 0.00	25.78 0.08 -0.21	22.64 -0.53 -0.14	20.69 -1.04 -0.43	19.46 -1.06 -0.10
VALLEY___115KV_TB 1-4 80826	21.19 -0.04 0.00	18.96 -0.04 0.00	18.36 -0.02 0.00	16.13 -0.03 0.00	17.43 -0.03 0.00	18.75 -0.04 0.00	21.30 -0.04 0.00	21.28 -0.04 0.00	21.28 -0.04 0.00	24.25 -0.02 0.00	23.56 0.00 0.00	24.03 0.05 0.00	25.68 0.08 0.00	25.82 0.05 0.00	27.05 0.00 0.00	29.89 -0.03 0.00	31.55 -0.06 0.00	37.84 -0.11 0.00	36.98 -0.19 0.00	34.31 -0.21 0.00	25.34 -0.15 0.00	22.92 -0.12 0.00	21.15 -0.15 0.00	20.26 -0.16 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	22.40 1.17 0.00	20.03 1.03 0.00	19.42 1.05 0.00	17.45 0.84 -0.44	18.43 0.96 0.00	19.84 1.05 0.00	24.09 1.30 -1.44	26.02 1.36 -3.34	25.36 1.36 -2.67	25.90 1.65 0.02	25.09 1.53 0.00	25.73 1.75 0.00	27.50 1.89 0.00	27.70 1.93 0.00	29.08 2.03 0.00	32.13 2.21 0.00	33.97 2.37 0.01	40.61 3.00 0.35	40.00 2.90 0.07	37.22 2.76 0.06	28.97 1.96 -1.51	25.67 1.66 -0.97	23.68 1.24 -1.14	21.77 1.08 -0.26
VISCHER___FERRY HYD 24020	22.13 0.89 0.00	19.80 0.80 0.00	19.13 0.75 0.00	18.05 0.68 -1.21	18.24 0.77 0.00	19.60 0.81 0.00	26.28 1.02 -3.91	31.42 1.04 -9.06	29.64 1.02 -7.29	25.54 1.17 -0.11	24.57 1.01 0.00	24.94 0.96 0.00	26.60 1.00 0.00	26.74 0.98 0.00	27.90 1.03 0.18	30.86 1.23 0.29	32.98 1.33 -0.04	41.51 1.86 -1.69	39.39 1.89 -0.32	36.55 1.76 -0.27	31.61 1.40 -4.72	26.92 1.24 -2.64	25.38 0.98 -3.10	22.03 0.90 -0.71
V_A_10_SYNC_DSASP 323832	20.51 -0.72 0.00	18.43 -0.57 0.00	17.79 -0.59 0.00	15.96 -0.32 -0.13	16.89 -0.58 0.00	18.30 -0.49 0.00	21.45 -0.30 -0.41	20.98 -0.47 -0.13	21.43 -0.53 -0.65	23.47 -0.80 0.00	23.01 -0.54 0.00	23.67 -0.31 0.00	25.27 -0.33 0.00	25.25 -0.52 0.00	26.56 -0.49 0.00	29.32 -0.60 0.00	30.82 -0.79 0.00	36.67 -1.29 0.00	35.65 -1.53 0.00	33.28 -1.24 0.00	24.74 -0.82 -0.06	22.57 -0.51 -0.04	21.28 -0.34 -0.33	20.01 -0.49 -0.07
V_CMM_10_SYNC_DSASP 323787	20.81 -0.42 0.00	18.62 -0.38 0.00	18.01 -0.37 0.00	15.89 -0.27 0.00	17.14 -0.33 0.00	18.43 -0.36 0.00	20.83 -0.51 0.00	20.83 -0.49 0.00	20.85 -0.47 0.00	23.67 -0.61 0.00	23.08 -0.47 0.00	23.50 -0.48 0.00	25.06 -0.54 0.00	25.28 -0.49 0.00	26.53 -0.51 0.00	29.47 -0.45 0.00	31.07 -0.54 0.00	37.16 -0.80 0.00	36.43 -0.74 0.00	33.73 -0.79 0.00	24.91 -0.59 0.00	22.49 -0.55 0.00	20.81 -0.49 0.00	19.91 -0.51 0.00
V_CMP_10_SYNC_DSASP 323788	20.66 -0.57 0.00	18.47 -0.53 0.00	17.83 -0.55 0.00	15.68 -0.48 0.00	16.93 -0.54 0.00	18.23 -0.56 0.00	20.62 -0.73 0.00	20.94 -0.38 0.00	20.76 -0.55 0.00	23.64 -0.63 0.00	23.34 -0.21 0.00	23.84 -0.14 0.00	25.35 -0.26 0.00	25.67 -0.10 0.00	27.32 0.27 0.00	30.40 0.48 0.00	31.67 0.06 0.00	37.85 -0.11 0.00	36.91 -0.26 0.00	33.86 -0.66 0.00	24.86 -0.64 0.00	22.23 -0.81 0.00	20.42 -0.87 0.00	19.36 -1.06 0.00
V_E_10_SYNC_DSASP 323830	22.64 1.40 0.00	20.24 1.23 0.00	19.63 1.25 0.00	17.38 0.92 -0.30	18.62 1.15 0.00	20.09 1.30 0.00	23.90 1.58 -0.98	25.51 1.75 -2.44	24.80 1.64 -1.84	26.24 1.97 0.00	25.34 1.79 0.00	26.21 2.23 0.00	27.96 2.35 0.00	28.14 2.37 0.00	29.62 2.57 0.00	32.82 2.90 0.00	34.87 3.26 0.00	42.06 4.10 0.00	41.11 3.94 0.00	38.25 3.73 0.00	29.07 2.47 -1.10	25.76 2.00 -0.72	23.39 1.32 -0.77	21.84 1.25 -0.18
V_F_30_NSYNC___DSASP 323816	22.49 1.25 0.00	20.10 1.10 0.00	19.42 1.05 0.00	18.29 0.90 -1.22	18.50 1.03 0.00	19.88 1.09 0.00	26.68 1.37 -3.97	31.90 1.41 -9.18	30.05 1.34 -7.39	25.95 1.58 -0.10	24.97 1.41 0.00	25.39 1.41 0.00	27.01 1.41 0.00	27.13 1.36 0.00	28.34 1.43 0.14	31.36 1.67 0.23	33.42 1.77 -0.04	41.98 2.39 -1.63	40.04 2.56 -0.31	37.19 2.42 -0.26	32.33 1.94 -4.90	27.38 1.66 -2.68	25.76 1.32 -3.14	22.36 1.23 -0.72

V_F_30_SYNC_DSASP 323786	21.83 0.59 0.00	19.55 0.55 0.00	18.93 0.55 0.00	17.88 0.52 -1.20	18.05 0.58 0.00	19.37 0.58 0.00	25.94 0.70 -3.89	31.05 0.72 -9.00	29.27 0.70 -7.25	25.20 0.83 -0.11	24.26 0.71 0.00	24.63 0.65 0.00	26.34 0.74 0.00	26.49 0.72 0.00	27.67 0.76 0.13	30.64 0.93 0.21	32.63 0.98 -0.04	41.04 1.40 -1.68	38.90 1.41 -0.32	36.09 1.31 -0.26	31.07 1.02 -4.56	26.56 0.90 -2.63	25.04 0.66 -3.08	21.70 0.57 -0.70
V_XM_10_SYNC_DSASP 323789	20.66 -0.57 0.00	18.47 -0.53 0.00	17.83 -0.55 0.00	15.68 -0.48 0.00	16.93 -0.54 0.00	18.23 -0.56 0.00	20.62 -0.73 0.00	20.94 -0.38 0.00	20.76 -0.55 0.00	23.64 -0.63 0.00	23.34 -0.21 0.00	23.84 -0.14 0.00	25.35 -0.26 0.00	25.67 -0.10 0.00	27.32 0.27 0.00	30.40 0.48 0.00	31.67 0.06 0.00	37.85 -0.11 0.00	36.91 -0.26 0.00	33.86 -0.66 0.00	24.86 -0.64 0.00	22.23 -0.81 0.00	20.42 -0.87 0.00	19.36 -1.06 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	22.49 1.25 0.00	20.07 1.06 0.00	19.37 0.99 0.00	17.85 0.84 -0.85	18.34 0.87 0.00	19.73 0.94 0.00	25.37 1.28 -2.75	28.98 1.30 -6.36	27.69 1.34 -5.02	26.25 1.67 -0.30	25.13 1.58 0.00	25.47 1.49 0.00	27.29 1.69 0.00	27.50 1.73 0.00	28.86 1.70 -0.11	31.98 1.89 -0.18	33.45 1.99 0.15	44.17 2.73 -3.48	38.59 2.53 1.11	36.04 2.45 0.93	30.16 1.76 -2.90	26.48 1.59 -1.86	24.84 1.36 -2.18	22.10 1.18 -0.50
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	22.66 1.42 0.00	20.22 1.22 0.00	19.53 1.16 0.00	18.04 0.95 -0.93	18.48 1.01 0.00	19.88 1.09 0.00	25.88 1.54 -3.00	29.91 1.64 -6.95	28.65 1.68 -5.64	26.59 2.04 -0.28	25.58 1.96 -0.07	25.89 1.85 -0.06	27.75 2.12 -0.03	28.01 2.22 -0.03	29.39 2.22 -0.13	32.52 2.39 -0.21	34.12 2.40 -0.11	45.00 3.23 -3.82	41.05 3.05 -0.83	38.08 2.87 -0.69	30.74 2.07 -3.17	26.93 1.87 -2.03	25.26 1.58 -2.38	22.29 1.33 -0.54
W50THST__13_KV_LOAD 356117	22.77 1.53 0.00	20.29 1.29 0.00	19.63 1.25 0.00	18.09 1.00 -0.93	18.54 1.07 0.00	19.96 1.17 0.00	25.99 1.64 -3.00	30.04 1.77 -6.95	28.78 1.81 -5.64	26.76 2.21 -0.28	25.74 2.12 -0.07	26.05 2.01 -0.06	27.93 2.30 -0.03	28.19 2.40 -0.03	29.58 2.41 -0.13	32.73 2.60 -0.21	34.31 2.59 -0.11	45.23 3.45 -3.82	41.27 3.27 -0.83	38.28 3.07 -0.69	30.86 2.19 -3.17	27.03 1.96 -2.03	25.34 1.66 -2.38	22.37 1.41 -0.54
WADING RIVER_IC_1 23522	25.11 2.72 -1.16	21.22 2.22 0.00	20.43 2.06 0.00	18.83 1.75 -0.93	19.64 2.17 -0.01	21.09 2.29 -0.01	27.67 2.84 -3.48	31.19 2.90 -6.98	31.22 2.88 -7.03	30.58 3.54 -2.77	30.49 3.25 -3.68	30.49 3.19 -3.32	30.60 3.51 -1.49	30.50 3.50 -1.23	30.82 3.63 -0.14	34.01 3.86 -0.22	35.83 4.08 -0.14	49.48 5.12 -6.40	50.52 4.87 -8.48	47.63 4.59 -8.52	43.46 3.42 -14.55	32.85 3.23 -6.59	29.28 2.94 -5.04	26.01 2.76 -2.84
WADING RIVER_IC_2 23547	25.11 2.72 -1.16	21.22 2.22 0.00	20.43 2.06 0.00	18.83 1.75 -0.93	19.64 2.17 -0.01	21.09 2.29 -0.01	27.67 2.84 -3.48	31.19 2.90 -6.98	31.22 2.88 -7.03	30.58 3.54 -2.77	30.49 3.25 -3.68	30.49 3.19 -3.32	30.60 3.51 -1.49	30.50 3.50 -1.23	30.82 3.63 -0.14	34.01 3.86 -0.22	35.83 4.08 -0.14	49.48 5.12 -6.40	50.52 4.87 -8.48	47.63 4.59 -8.52	43.46 3.42 -14.55	32.85 3.23 -6.59	29.28 2.94 -5.04	26.01 2.76 -2.84
WADING RIVER_IC_3 23601	25.11 2.72 -1.16	21.22 2.22 0.00	20.43 2.06 0.00	18.83 1.75 -0.93	19.64 2.17 -0.01	21.09 2.29 -0.01	27.67 2.84 -3.48	31.19 2.90 -6.98	31.22 2.88 -7.03	30.58 3.54 -2.77	30.49 3.25 -3.68	30.49 3.19 -3.32	30.60 3.51 -1.49	30.50 3.50 -1.23	30.82 3.63 -0.14	34.01 3.86 -0.22	35.83 4.08 -0.14	49.48 5.12 -6.40	50.52 4.87 -8.48	47.63 4.59 -8.52	43.46 3.42 -14.55	32.85 3.23 -6.59	29.28 2.94 -5.04	26.01 2.76 -2.84
WALDENNY_12_KV_BK2 80841	20.94 -0.30 0.00	18.87 -0.13 0.00	18.17 -0.20 0.00	15.80 -0.52 -0.15	17.29 -0.17 0.00	18.75 -0.04 0.00	21.22 -0.62 -0.49	20.18 -0.79 0.35	21.19 -0.83 -0.71	23.91 -0.36 0.00	23.58 0.02 0.00	24.36 0.38 0.00	25.76 0.15 0.00	25.85 0.08 0.00	27.26 0.22 0.00	29.98 0.06 0.00	31.58 -0.03 0.00	37.43 -0.53 0.00	36.35 -0.82 0.00	33.93 -0.59 0.00	24.91 -0.43 0.15	22.43 -0.51 0.10	21.12 -0.58 -0.39	20.00 -0.51 -0.09
WALDEN__HYDRO 24148	22.42 1.19 0.00	19.99 0.99 0.00	19.31 0.94 0.00	17.80 0.78 -0.86	18.26 0.79 0.00	19.62 0.83 0.00	25.24 1.11 -2.79	28.91 1.13 -6.46	27.61 1.13 -5.17	25.98 1.43 -0.28	24.90 1.34 0.00	25.25 1.27 0.00	26.98 1.38 0.00	27.21 1.44 0.00	28.57 1.43 -0.09	31.68 1.61 -0.14	33.31 1.74 0.04	44.11 2.47 -3.69	39.24 2.34 0.28	36.60 2.31 0.23	30.05 1.61 -2.95	26.38 1.45 -1.88	24.72 1.21 -2.21	22.05 1.12 -0.50
WARRENSBURG____ 23737	22.49 1.25 0.00	20.06 1.06 0.00	19.39 1.01 0.00	18.24 0.86 -1.23	18.46 1.00 0.00	19.84 1.05 0.00	26.66 1.35 -3.97	31.97 1.45 -9.20	30.07 1.34 -7.41	25.95 1.58 -0.10	24.99 1.44 0.00	25.44 1.46 0.00	26.86 1.25 0.00	26.93 1.16 0.00	28.13 1.22 0.14	31.17 1.47 0.22	33.11 1.45 -0.04	41.63 2.05 -1.62	40.01 2.53 -0.31	37.15 2.38 -0.26	32.43 2.01 -4.92	27.38 1.66 -2.68	25.73 1.28 -3.15	22.30 1.16 -0.72
WATERSIDE____6 8 9 23538	22.74 1.51 0.00	20.27 1.27 0.00	19.61 1.23 0.00	18.11 1.02 -0.93	18.55 1.08 0.00	19.96 1.17 0.00	25.95 1.60 -3.00	29.96 1.68 -6.95	33.24 1.73 -10.19	33.22 2.09 -6.86	34.42 2.00 -8.86	33.22 1.89 -7.35	35.17 2.18 -7.39	34.71 2.24 -6.70	35.15 2.24 -5.85	34.20 2.42 -1.85	34.19 2.47 -0.11	44.93 3.15 -3.82	41.01 3.01 -0.83	38.15 2.93 -0.69	30.79 2.12 -3.17	27.00 1.94 -2.03	25.32 1.64 -2.38	22.37 1.41 -0.54
WATKINRD_115KV_LN8_ILLION 55919	21.26 0.02 0.00	19.00 0.00 0.00	18.40 0.02 0.00	16.18 0.02 0.00	17.49 0.02 0.00	18.81 0.02 0.00	21.36 0.02 0.00	21.34 0.02 0.00	21.34 0.02 0.00	24.32 0.05 0.00	23.60 0.05 0.00	24.05 0.07 0.00	25.68 0.08 0.00	25.87 0.10 0.00	27.10 0.05 0.00	29.98 0.06 0.00	31.64 0.03 0.00	38.03 0.08 0.00	37.21 0.04 0.00	34.52 0.00 0.00	25.50 0.00 0.00	23.04 0.00 0.00	21.28 -0.02 0.00	20.36 -0.06 0.00
WATSON__69_KV_BK 1 55734	25.07 2.68 -1.16	21.19 2.19 0.00	20.40 2.02 0.00	18.77 1.68 -0.93	19.50 2.03 -0.01	21.00 2.20 -0.01	27.62 2.80 -3.48	31.12 2.84 -6.97	31.20 2.86 -7.03	30.48 3.45 -2.76	30.44 3.20 -3.68	30.46 3.17 -3.32	30.60 3.51 -1.49	30.55 3.56 -1.23	30.81 3.62 -0.14	34.09 3.95 -0.22	35.94 4.20 -0.12	49.63 5.28 -6.40	50.65 5.02 -8.46	47.76 4.73 -8.52	41.95 3.39 -13.07	32.78 3.16 -6.58	29.15 2.81 -5.04	25.81 2.55 -2.83
WDELAWARE__HYD 323627	22.15 0.91 0.00	19.74 0.74 0.00	19.09 0.72 0.00	17.52 0.57 -0.79	18.03 0.56 0.00	19.35 0.56 0.00	24.72 0.81 -2.57	28.08 0.81 -5.95	26.91 1.02 -4.57	25.58 1.31 0.00	24.80 1.25 0.00	25.15 1.17 0.00	26.88 1.28 0.00	27.13 1.36 0.00	28.45 1.35 -0.05	31.53 1.53 -0.08	32.95 1.36 0.02	40.42 1.97 -0.49	38.86 1.86 0.17	36.28 1.90 0.14	29.53 1.30 -2.73	25.93 1.15 -1.74	24.27 0.94 -2.04	21.74 0.86 -0.46



WEST BABYLON___IC 23714	24.83 2.44 -1.16	21.02 2.01 0.00	20.21 1.84 0.00	18.61 1.52 -0.93	19.31 1.83 -0.01	20.79 1.99 -0.01	27.39 2.56 -3.48	30.91 2.62 -6.96	30.99 2.64 -7.02	30.22 3.18 -2.76	30.20 2.97 -3.68	30.20 2.90 -3.31	30.32 3.23 -1.49	30.29 3.30 -1.23	30.51 3.33 -0.13	33.76 3.62 -0.21	35.58 3.86 -0.12	49.21 4.86 -6.39	50.26 4.65 -8.44	47.41 4.38 -8.51	40.55 3.14 -11.92	32.54 2.93 -6.58	28.93 2.60 -5.04	25.60 2.35 -2.83
WEST CANADA___HYD 24049	21.26 0.02 0.00	19.02 0.02 0.00	18.40 0.02 0.00	16.18 0.02 0.00	17.49 0.02 0.00	18.81 0.02 0.00	21.39 0.04 0.00	21.34 0.02 0.00	21.36 0.04 0.00	24.32 0.05 0.00	23.58 0.02 0.00	24.00 0.02 0.00	25.65 0.05 0.00	25.82 0.05 0.00	27.10 0.05 0.00	29.95 0.03 0.00	31.64 0.03 0.00	38.03 0.08 0.00	37.25 0.07 0.00	34.59 0.07 0.00	25.52 0.03 0.00	23.06 0.02 0.00	21.30 0.00 0.00	20.42 0.00 0.00
WESTERN_NY_WIND 24143	21.15 -0.08 0.00	19.00 0.00 0.00	18.34 -0.04 0.00	16.16 -0.13 -0.13	17.42 -0.05 0.00	18.92 0.13 0.00	21.68 -0.09 -0.42	21.18 -0.19 -0.06	21.75 -0.23 -0.66	24.18 -0.10 0.00	23.74 0.19 0.00	24.48 0.50 0.00	26.14 0.54 0.00	26.10 0.33 0.00	27.51 0.46 0.00	30.37 0.45 0.00	31.96 0.35 0.00	38.03 0.08 0.00	37.06 -0.11 0.00	34.62 0.10 0.00	25.56 0.03 -0.04	23.09 0.02 -0.03	21.59 -0.04 -0.34	20.60 0.10 -0.08
WESTOVER___LESR 323668	21.66 0.42 0.00	19.42 0.42 0.00	18.76 0.39 0.00	16.66 0.19 -0.30	17.82 0.35 0.00	19.19 0.39 0.00	22.70 0.38 -0.98	24.00 0.43 -2.26	23.52 0.38 -1.81	24.95 0.68 0.00	24.24 0.68 0.00	24.80 0.82 0.00	26.42 0.82 0.00	26.57 0.80 0.00	27.91 0.87 0.00	30.85 0.93 0.00	32.65 1.04 0.00	39.21 1.25 0.00	38.21 1.04 0.00	35.55 1.04 0.00	27.25 0.74 -1.02	24.27 0.58 -0.66	22.43 0.36 -0.77	20.93 0.33 -0.18
WETHRSFD_WT_PWR 323626	20.88 -0.36 0.00	18.79 -0.21 0.00	18.12 -0.26 0.00	15.78 -0.55 -0.17	17.19 -0.28 0.00	18.64 -0.15 0.00	21.33 -0.58 -0.56	17.57 -0.68 3.06	20.97 -0.75 -0.40	23.96 -0.32 0.00	23.56 0.00 0.00	24.32 0.34 0.00	25.91 0.31 0.00	25.92 0.16 0.00	27.29 0.24 0.00	30.07 0.15 0.00	31.71 0.10 0.00	37.73 -0.23 0.00	36.65 -0.52 0.00	34.14 -0.38 0.00	23.67 -0.41 1.41	21.59 -0.53 0.92	21.06 -0.68 -0.44	20.36 -0.16 -0.10
WHAVSTOR_138KV_BK127 55557	22.43 1.19 0.00	20.01 1.01 0.00	19.33 0.96 0.00	17.80 0.79 -0.85	18.31 0.84 0.00	19.69 0.90 0.00	25.34 1.24 -2.76	28.94 1.24 -6.38	27.64 1.28 -5.04	26.17 1.60 -0.30	25.06 1.51 0.00	25.39 1.41 0.00	27.21 1.61 0.00	27.42 1.65 0.00	28.78 1.62 -0.11	31.90 1.80 -0.18	33.33 1.87 0.15	43.97 2.58 -3.43	38.43 2.38 1.12	35.90 2.31 0.93	30.04 1.63 -2.91	26.42 1.52 -1.86	24.78 1.30 -2.19	22.04 1.12 -0.50
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	22.43 1.19 0.00	20.01 1.01 0.00	19.33 0.96 0.00	17.80 0.79 -0.85	18.31 0.84 0.00	19.69 0.90 0.00	25.34 1.24 -2.76	28.94 1.24 -6.38	27.64 1.28 -5.04	26.17 1.60 -0.30	25.06 1.51 0.00	25.39 1.41 0.00	27.21 1.61 0.00	27.42 1.65 0.00	28.78 1.62 -0.11	31.90 1.80 -0.18	33.33 1.87 0.15	43.97 2.58 -3.43	38.43 2.38 1.12	35.90 2.31 0.93	30.04 1.63 -2.91	26.42 1.52 -1.86	24.78 1.30 -2.19	22.04 1.12 -0.50
WHITEHAL_115KV_TB1 80871	23.06 1.83 0.00	20.58 1.58 0.00	19.88 1.51 0.00	18.65 1.26 -1.23	18.92 1.45 0.00	20.37 1.58 0.00	27.30 1.98 -3.97	32.64 2.13 -9.19	30.66 1.94 -7.40	26.66 2.28 -0.10	25.65 2.10 0.00	26.16 2.18 0.00	27.62 2.02 0.00	27.62 1.86 0.00	28.83 1.92 0.14	31.97 2.27 0.23	33.99 2.34 -0.04	42.73 3.15 -1.62	41.12 3.64 -0.31	38.23 3.45 -0.26	33.26 2.86 -4.91	28.07 2.35 -2.68	26.32 1.87 -3.15	23.26 2.12 -0.72
WHITEPLN_13_KV_LOAD 356215	22.66 1.42 0.00	20.22 1.22 0.00	19.53 1.16 0.00	18.04 0.95 -0.92	18.50 1.03 0.00	19.94 1.15 0.00	25.86 1.54 -2.98	29.82 1.60 -6.91	28.57 1.64 -5.61	26.50 1.99 -0.24	25.44 1.88 0.00	25.75 1.77 0.00	27.70 2.10 0.00	27.91 2.14 0.00	29.31 2.14 -0.13	32.46 2.33 -0.21	34.13 2.40 -0.11	45.08 3.23 -3.89	41.11 3.09 -0.85	38.17 2.93 -0.71	30.66 2.01 -3.15	26.90 1.84 -2.01	25.24 1.58 -2.36	22.33 1.37 -0.54
WM_FLOYD_69_KV_BK2 356380	25.03 2.63 -1.16	21.17 2.17 0.00	20.40 2.02 0.00	18.79 1.70 -0.93	19.52 2.04 -0.01	21.02 2.22 -0.01	27.60 2.77 -3.48	31.12 2.84 -6.97	31.16 2.81 -7.03	30.46 3.42 -2.77	30.39 3.16 -3.68	30.39 3.09 -3.32	30.50 3.41 -1.49	30.50 3.50 -1.23	30.76 3.57 -0.14	34.07 3.92 -0.23	35.78 4.05 -0.13	49.45 5.09 -6.40	50.49 4.83 -8.48	47.63 4.59 -8.52	43.44 3.34 -14.61	32.78 3.16 -6.59	29.15 2.81 -5.04	25.83 2.57 -2.84
WOODARD__115KV_TB2 355635	21.22 -0.02 0.00	19.00 0.00 0.00	18.36 -0.02 0.00	16.21 -0.03 -0.08	17.45 -0.02 0.00	18.79 0.00 0.00	21.65 0.04 -0.26	21.97 0.04 -0.61	21.85 0.04 -0.49	24.30 0.02 0.00	23.58 0.02 0.00	24.08 0.10 0.00	25.68 0.08 0.00	25.79 0.03 0.00	27.10 0.05 0.00	29.89 -0.03 0.00	31.61 0.00 0.00	37.92 -0.04 0.00	37.06 -0.11 0.00	34.45 -0.07 0.00	25.69 -0.05 -0.25	23.22 0.00 -0.18	21.53 0.02 -0.21	20.53 0.06 -0.05
YORK___WARBASSE 23770	22.83 1.59 0.00	20.35 1.35 0.00	19.66 1.29 0.00	18.15 1.07 -0.93	18.62 1.15 0.00	20.01 1.22 0.00	25.99 1.64 -3.00	30.00 1.73 -6.95	33.30 1.79 -10.19	33.32 2.18 -6.86	34.51 2.10 -8.86	33.34 2.01 -7.35	35.30 2.30 -7.39	34.84 2.37 -6.70	35.28 2.38 -5.85	34.35 2.57 -1.85	34.31 2.59 -0.11	45.12 3.34 -3.82	41.20 3.20 -0.83	38.28 3.07 -0.69	30.89 2.22 -3.17	27.07 2.00 -2.03	25.40 1.73 -2.38	22.46 1.49 -0.54