

# Day Ahead Market Generator LBMP

		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion									
Generator Data		09/22/2024																													
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00						
59TH STREET_GT_1 24138	EDT	28.74	26.30	24.22	23.03	22.70	23.44	24.96	24.15	25.29	25.61	25.44	26.20	26.39	26.36	27.24	29.73	35.00	40.71	43.51	42.41	38.19	33.39	29.82	27.57						
		1.78	1.56	1.31	1.26	1.24	1.24	1.35	1.35	1.54	1.56	1.84	1.83	1.91	1.93	1.99	2.15	2.62	2.87	3.18	3.21	2.86	2.47	2.18	2.00						
		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	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
74TH STREET_GT_1 24260	EDT	28.71	26.27	24.20	23.01	22.65	23.42	24.91	24.11	25.15	25.57	25.39	26.15	26.34	26.29	27.19	29.67	34.94	40.64	43.43	42.06	38.12	33.39	29.77	27.55						
		1.75	1.53	1.28	1.24	1.20	1.22	1.30	1.30	1.40	1.52	1.79	1.78	1.86	1.86	1.94	2.09	2.56	2.80	3.11	2.86	2.79	2.47	2.13	1.97						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
74TH STREET_GT_2 24261	EDT	28.71	26.27	24.20	23.01	22.65	23.42	24.91	24.11	25.15	25.57	25.39	26.15	26.34	26.29	27.19	29.67	34.94	40.64	43.43	42.06	38.12	33.39	29.77	27.55						
		1.75	1.53	1.28	1.24	1.20	1.22	1.30	1.30	1.40	1.52	1.79	1.78	1.86	1.86	1.94	2.09	2.56	2.80	3.11	2.86	2.79	2.47	2.13	1.97						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ADK HUDSON___FALLS 24011	EDT	28.79	26.42	24.38	23.16	22.80	23.64	25.10	24.04	25.10	25.33	24.92	25.66	25.68	25.53	26.43	28.79	34.26	40.38	43.63	42.33	38.23	33.26	29.71	27.52						
		1.83	1.68	1.47	1.39	1.35	1.44	1.49	1.23	1.35	1.27	1.32	1.29	1.20	1.10	1.19	1.40	1.88	2.54	3.31	3.14	2.90	2.35	2.07	1.94						
		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	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ADK RESOURCE___RCVRY 23798	EDT	28.93	26.57	24.50	23.27	22.91	23.75	25.20	24.13	25.25	25.47	25.04	25.78	25.77	25.60	26.53	28.90	34.42	40.60	43.96	42.88	38.48	33.42	29.88	27.65						
		1.97	1.83	1.58	1.50	1.46	1.55	1.58	1.32	1.50	1.42	1.44	1.41	1.30	1.17	1.29	1.51	2.04	2.76	3.63	3.68	3.14	2.50	2.24	2.07						
		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	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ADK S GLENS___FALLS 24028	EDT	28.79	26.42	24.38	23.16	22.80	23.64	25.10	24.04	25.10	25.33	24.92	25.66	25.68	25.53	26.43	28.79	34.26	40.38	43.63	42.33	38.23	33.26	29.71	27.52						
		1.83	1.68	1.47	1.39	1.35	1.44	1.49	1.23	1.35	1.27	1.32	1.29	1.20	1.10	1.19	1.40	1.88	2.54	3.31	3.14	2.90	2.35	2.07	1.94						
		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	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ADK_NYS___DAM 23527	EDT	28.18	25.95	23.99	22.84	22.50	23.35	24.77	23.74	24.75	24.82	24.47	25.20	25.33	25.26	26.13	28.22	33.71	39.58	42.58	41.43	37.31	32.46	29.05	27.14						
		1.21	1.21	1.08	1.07	1.05	1.15	1.16	0.94	1.00	0.77	0.87	0.83	0.86	0.83	0.88	0.94	1.33	1.74	2.26	2.23	1.98	1.55	1.41	1.56						
		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	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
AIR_PRODUCTS___DRP 24190	EDT	27.20	24.98	23.12	21.99	21.71	22.51	23.92	22.97	23.91	24.12	23.79	24.42	24.50	24.48	25.27	27.46	32.57	38.18	41.01	39.78	35.97	31.41	28.03	26.04						
		0.24	0.25	0.21	0.22	0.26	0.31	0.31	0.16	0.17	0.07	0.19	0.05	0.02	0.05	0.03	0.05	0.19	0.34	0.69	0.59	0.64	0.49	0.39	0.46						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
AKWESSNE_115KV_BK 355683	EDT	26.66	24.51	22.73	21.62	21.28	21.93	23.42	22.58	23.53	23.88	23.38	24.12	24.21	24.14	24.94	27.10	32.05	37.42	39.56	38.73	34.77	30.27	27.06	25.09						
		-0.30	-0.22	-0.18	-0.15	-0.17	-0.27	-0.19	-0.23	-0.21	-0.17	-0.21	-0.24	-0.27	-0.29	-0.30	-0.38	-0.32	-0.42	-0.77	-0.47	-0.57	-0.65	-0.58	-0.49						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ALBANY_1_SOLAR 323833	EDT	27.80	25.55	23.63	22.47	22.16	22.95	24.37	23.33	24.30	24.39	23.90	24.54	24.62	24.53	25.40	27.73	32.96	38.79	41.77	40.72	36.68	31.97	28.61	26.52						
		0.84	0.82	0.71	0.70	0.71	0.76	0.76	0.52	0.55	0.34	0.31	0.17	0.15	0.10	0.15	0.30	0.58	0.95	1.45	1.53	1.34	1.05	0.97	0.95						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ALBANY_2_SOLAR 323834	EDT	27.80	25.53	23.63	22.47	22.14	22.95	24.35	23.33	24.30	24.36	23.90	24.54	24.62	24.53	25.40	27.73	32.93	38.79	41.77	40.72	36.64	31.97	28.58	26.52						
		0.84	0.79	0.71	0.70	0.69	0.76	0.73	0.52	0.55	0.31	0.31	0.17	0.15	0.10	0.15	0.30	0.55	0.95	1.45	1.53	1.31	1.05	0.94	0.95						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ALBANY___1 23571	EDT	27.20	24.98	23.12	21.99	21.71	22.51	23.92	22.97	23.91	24.12	23.79	24.42	24.50	24.48	25.27	27.46	32.57	38.18	41.01	39.78	35.97	31.41	28.03	26.04						
		0.24	0.25	0.21	0.22	0.26	0.31	0.31	0.16	0.17	0.07	0.19	0.05	0.02	0.05	0.03	0.05	0.19	0.34	0.69	0.59	0.64	0.49	0.39	0.46						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						



ALBANY___2 23572	27.20 0.24 0.00	24.98 0.25 0.00	23.12 0.21 0.00	21.99 0.22 0.00	21.71 0.26 0.00	22.51 0.31 0.00	23.92 0.31 0.00	22.97 0.16 0.00	23.91 0.17 0.00	24.12 0.07 0.00	23.79 0.19 0.00	24.42 0.05 0.00	24.50 0.02 0.00	24.48 0.05 0.00	25.27 0.03 0.00	27.46 0.05 0.08	32.57 0.19 0.00	38.18 0.34 0.00	41.01 0.69 0.00	39.78 0.59 0.00	35.97 0.64 0.00	31.41 0.49 0.00	28.03 0.39 0.00	26.04 0.46 0.00
ALBANY___3 23573	27.20 0.24 0.00	24.98 0.25 0.00	23.12 0.21 0.00	21.99 0.22 0.00	21.71 0.26 0.00	22.51 0.31 0.00	23.92 0.31 0.00	22.97 0.16 0.00	23.91 0.17 0.00	24.12 0.07 0.00	23.79 0.19 0.00	24.42 0.05 0.00	24.50 0.02 0.00	24.48 0.05 0.00	25.27 0.03 0.00	27.46 0.05 0.08	32.57 0.19 0.00	38.18 0.34 0.00	41.01 0.69 0.00	39.78 0.59 0.00	35.97 0.64 0.00	31.41 0.49 0.00	28.03 0.39 0.00	26.04 0.46 0.00
ALBANY___4 23574	27.20 0.24 0.00	24.98 0.25 0.00	23.12 0.21 0.00	21.99 0.22 0.00	21.71 0.26 0.00	22.51 0.31 0.00	23.92 0.31 0.00	22.97 0.16 0.00	23.91 0.17 0.00	24.12 0.07 0.00	23.79 0.19 0.00	24.42 0.05 0.00	24.50 0.02 0.00	24.48 0.05 0.00	25.27 0.03 0.00	27.46 0.05 0.08	32.57 0.19 0.00	38.18 0.34 0.00	41.01 0.69 0.00	39.78 0.59 0.00	35.97 0.64 0.00	31.41 0.49 0.00	28.03 0.39 0.00	26.04 0.46 0.00
ALBANY___LFGE 323615	27.47 0.51 0.00	25.23 0.49 0.00	23.33 0.41 0.00	22.21 0.44 0.00	21.90 0.45 0.00	22.71 0.51 0.00	24.11 0.50 0.00	23.15 0.34 0.00	24.15 0.40 0.00	24.34 0.29 0.00	23.97 0.38 0.00	24.66 0.29 0.00	24.75 0.27 0.00	24.67 0.24 0.00	25.50 0.25 0.00	27.70 0.30 0.09	32.86 0.49 0.00	38.56 0.72 0.00	41.45 1.13 0.00	40.37 1.17 0.00	36.32 0.99 0.00	31.66 0.74 0.00	28.33 0.69 0.00	26.29 0.72 0.00
ALCOA_PA_115KV_PL-6C 55860	26.80 -0.16 0.00	24.64 -0.10 0.00	22.85 -0.07 0.00	21.75 -0.02 0.00	21.39 -0.06 0.00	22.04 -0.16 0.00	23.54 -0.07 0.00	22.69 -0.11 0.00	23.63 -0.12 0.00	24.00 -0.05 0.00	23.50 -0.09 0.00	24.27 -0.10 0.00	24.30 -0.17 0.00	24.21 -0.22 0.00	25.02 -0.23 0.00	27.18 -0.30 0.00	32.12 -0.26 0.00	37.54 -0.30 0.00	39.68 -0.65 0.00	38.88 -0.31 0.00	34.91 -0.42 0.00	30.39 -0.53 0.00	27.14 -0.50 0.00	25.19 -0.38 0.00
ALCOA_RYNLDS___DRP 24188	26.80 -0.16 0.00	24.64 -0.10 0.00	22.85 -0.07 0.00	21.75 -0.02 0.00	21.39 -0.06 0.00	22.04 -0.16 0.00	23.54 -0.07 0.00	22.69 -0.11 0.00	23.63 -0.12 0.00	24.00 -0.05 0.00	23.50 -0.09 0.00	24.27 -0.10 0.00	24.30 -0.17 0.00	24.21 -0.22 0.00	25.02 -0.23 0.00	27.18 -0.30 0.00	32.12 -0.26 0.00	37.54 -0.30 0.00	39.68 -0.65 0.00	38.88 -0.31 0.00	34.91 -0.42 0.00	30.39 -0.53 0.00	27.14 -0.50 0.00	25.19 -0.38 0.00
ALCOA___DSASP 323711	26.80 -0.16 0.00	24.64 -0.10 0.00	22.85 -0.07 0.00	21.75 -0.02 0.00	21.39 -0.06 0.00	22.04 -0.15 0.00	23.54 -0.07 0.00	22.69 -0.11 0.00	23.65 -0.09 0.00	24.00 -0.05 0.00	23.50 -0.09 0.00	24.27 -0.10 0.00	24.31 -0.17 0.00	24.21 -0.22 0.00	25.02 -0.23 0.00	27.19 -0.30 0.00	32.12 -0.26 0.00	37.54 -0.30 0.00	39.68 -0.65 0.00	38.57 -0.63 0.00	34.91 -0.42 0.00	30.39 -0.53 0.00	27.14 -0.50 0.00	25.17 -0.41 0.00
ALLEGHENY___COGEN 23514	28.34 1.37 0.00	25.90 1.16 0.00	23.86 0.94 0.00	22.49 0.72 0.00	22.16 0.71 0.00	23.04 0.84 0.00	24.56 0.95 0.00	24.15 1.35 0.00	24.70 0.95 0.00	25.06 1.01 0.00	24.44 0.85 0.00	25.51 1.15 0.00	25.48 1.00 0.00	25.55 1.12 0.00	26.41 1.16 0.00	28.89 1.40 0.00	33.71 1.33 0.00	39.58 1.74 0.00	42.91 2.58 0.00	41.23 2.04 0.00	36.85 1.52 0.00	32.58 1.67 0.00	29.19 1.55 0.00	26.93 1.35 0.00
ALTAMONT_115KV_TB 2 55880	27.58 0.62 0.00	25.33 0.59 0.00	23.44 0.53 0.00	22.29 0.52 0.00	21.97 0.51 0.00	22.75 0.55 0.00	24.18 0.57 0.00	23.24 0.43 0.00	24.20 0.45 0.00	24.44 0.38 0.00	24.07 0.47 0.00	24.78 0.41 0.00	24.89 0.42 0.00	24.84 0.42 0.00	25.67 0.43 0.00	27.93 0.49 0.06	33.09 0.71 0.00	38.75 0.91 0.00	41.54 1.21 0.00	40.25 1.06 0.00	36.39 1.06 0.00	31.81 0.90 0.00	28.42 0.77 0.00	26.37 0.79 0.00
ALTONA_WT_PWR 323606	27.12 0.16 0.00	24.98 0.25 0.00	23.19 0.28 0.00	22.07 0.30 0.00	21.71 0.26 0.00	22.40 0.20 0.00	23.99 0.38 0.00	23.10 0.30 0.00	24.11 0.36 0.00	24.48 0.43 0.00	23.97 0.38 0.00	24.71 0.34 0.00	24.75 0.27 0.00	24.65 0.22 0.00	25.47 0.23 0.00	27.68 0.19 0.00	32.83 0.45 0.00	38.33 0.49 0.00	40.37 0.04 0.00	38.96 -0.23 0.00	35.12 -0.21 0.00	30.36 -0.56 0.00	27.09 -0.55 0.00	24.96 -0.61 0.00
AMERICAN_REF_FUEL 24010	26.64 -0.32 0.00	24.37 -0.37 0.00	22.48 -0.44 0.00	21.14 -0.63 0.00	20.87 -0.58 0.00	21.69 -0.51 0.00	22.98 -0.64 0.00	22.69 -0.11 0.00	23.34 -0.40 0.00	23.91 -0.14 0.00	23.50 -0.09 0.00	24.68 0.32 0.00	24.57 0.10 0.00	24.65 0.22 0.00	25.37 0.13 0.00	27.51 0.03 0.00	31.63 -0.74 0.00	36.48 -1.36 0.00	39.24 -1.09 0.00	37.16 -2.04 0.00	33.64 -1.70 0.00	30.02 -0.90 0.00	27.14 -0.50 0.00	25.22 -0.36 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	28.34 1.37 0.00	25.85 1.11 0.00	23.83 0.92 0.00	22.38 0.61 0.00	22.09 0.64 0.00	22.97 0.78 0.00	24.44 0.83 0.00	24.13 1.32 0.00	24.82 1.07 0.00	25.44 1.39 0.00	25.11 1.51 0.00	26.37 2.00 0.00	26.31 1.84 0.00	26.48 2.05 0.00	27.24 1.99 0.00	29.60 2.12 0.00	34.12 1.75 0.00	39.31 1.47 0.00	42.30 1.98 0.00	39.90 0.71 0.00	35.86 0.53 0.00	31.72 0.80 0.00	28.44 0.80 0.00	26.12 0.54 0.00
ARTHUR KILL_GT_1 23520	28.96 2.00 0.00	26.47 1.73 0.00	24.32 1.40 0.00	23.14 1.37 0.00	22.78 1.33 0.00	23.28 1.09 0.00	24.65 1.04 0.00	23.67 0.87 0.01	24.83 1.09 0.01	25.17 1.13 0.01	25.03 1.44 0.01	25.80 1.44 0.01	25.96 1.49 0.01	25.94 1.52 0.01	26.80 1.57 0.01	29.25 1.68 -0.09	34.51 2.14 0.01	40.18 2.35 0.01	42.90 2.58 0.01	41.89 2.70 0.01	37.69 2.37 0.01	33.05 2.13 0.00	29.69 2.05 0.00	27.57 2.00 0.00
ARTHUR_KILL_2 23512	28.88 1.91 0.00	26.39 1.66 0.00	24.25 1.33 0.00	23.08 1.31 0.00	22.74 1.29 0.00	23.22 1.02 0.00	24.58 0.97 0.00	23.60 0.80 0.01	24.76 1.02 0.01	25.10 1.06 0.01	24.96 1.37 0.01	25.72 1.36 0.01	25.89 1.42 0.01	25.86 1.44 0.01	26.72 1.49 0.01	29.17 1.59 -0.09	34.41 2.04 0.01	40.06 2.23 0.01	42.78 2.46 0.01	41.73 2.55 0.01	37.59 2.26 0.01	32.92 2.01 0.00	29.60 1.96 0.00	27.50 1.92 0.00
ARTHUR_KILL_3 23513	28.47 1.51 0.00	26.02 1.29 0.00	23.97 1.05 0.00	22.79 1.02 0.00	22.46 1.01 0.00	23.22 1.02 0.00	24.75 1.13 0.00	23.95 1.14 0.00	25.08 1.33 0.00	25.40 1.35 0.00	25.22 1.63 0.00	25.98 1.61 0.00	26.14 1.67 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.71 2.33 0.00	40.26 2.42 0.00	43.03 2.70 0.00	41.94 2.74 0.00	37.77 2.44 0.00	33.11 2.20 0.00	29.55 1.91 0.00	27.29 1.71 0.00



ARTHUR_KILL_COGEN 323718	28.96 2.00 0.00	26.47 1.73 0.00	24.32 1.40 0.00	23.14 1.37 0.00	22.78 1.33 0.00	23.28 1.09 0.00	24.65 1.04 0.00	23.67 0.87 0.01	24.83 1.09 0.01	25.17 1.13 0.01	25.03 1.44 0.01	25.80 1.44 0.01	25.96 1.49 0.01	25.94 1.52 0.01	26.80 1.57 0.01	29.25 1.68 -0.09	34.51 2.14 0.01	40.18 2.35 0.01	42.90 2.58 0.01	41.89 2.70 0.01	37.69 2.37 0.01	33.05 2.13 0.00	29.69 2.05 0.00	27.57 2.00 0.00
ASHOKAN____ 23654	28.25 1.29 0.00	25.87 1.14 0.00	23.95 1.03 0.00	22.73 0.96 0.00	22.44 0.99 0.00	23.15 0.95 0.00	24.49 0.87 0.00	23.26 0.46 0.00	24.22 0.47 0.00	24.15 0.10 0.00	23.78 0.19 0.00	24.37 0.00 0.00	24.65 0.17 0.00	24.45 0.02 0.00	25.40 0.15 0.00	28.64 1.15 0.00	32.96 0.58 0.00	38.97 1.13 0.00	42.18 1.86 0.00	41.23 2.04 0.00	36.96 1.63 0.00	32.31 1.39 0.00	28.91 1.27 0.00	26.88 1.30 0.00
ASTORIA_EAST_ENERGY_CC1 323581	28.69 1.73 0.00	26.30 1.56 0.00	24.04 1.12 0.00	22.97 1.20 0.00	22.61 1.16 0.00	23.17 0.98 0.00	24.55 0.95 0.01	23.78 0.98 0.01	24.90 1.16 0.01	25.24 1.20 0.01	25.08 1.49 0.01	25.82 1.46 0.01	26.01 1.54 0.01	25.99 1.56 0.01	26.85 1.62 0.01	29.31 1.73 -0.09	34.51 2.14 0.01	40.10 2.27 0.01	42.86 2.54 0.01	41.81 2.63 0.01	37.66 2.33 0.01	32.92 2.01 0.01	29.52 1.88 0.00	27.34 1.76 0.00
ASTORIA_EAST_ENERGY_CC2 323582	28.69 1.73 0.00	26.27 1.53 0.00	24.04 1.12 0.00	22.97 1.20 0.00	22.61 1.16 0.00	23.17 0.98 0.00	24.55 0.95 0.01	23.78 0.98 0.01	24.90 1.16 0.01	25.24 1.20 0.01	25.08 1.49 0.01	25.82 1.46 0.01	26.01 1.54 0.01	25.99 1.56 0.01	26.85 1.62 0.01	29.31 1.73 -0.09	34.51 2.14 0.01	40.10 2.27 0.01	42.86 2.54 0.01	41.81 2.63 0.01	37.66 2.33 0.01	32.92 2.01 0.01	29.52 1.88 0.00	27.34 1.76 0.00
ASTORIA_GT2_1 24094	28.69 1.73 0.00	26.29 1.56 0.00	24.06 1.15 0.00	22.99 1.22 0.00	22.63 1.18 0.00	23.20 1.00 0.00	24.58 0.97 0.00	23.79 0.98 0.00	24.84 1.09 0.00	25.25 1.20 0.00	25.11 1.51 0.00	25.85 1.49 0.00	26.04 1.57 0.00	26.02 1.59 0.00	26.86 1.62 0.00	29.32 1.73 -0.10	34.55 2.17 0.00	40.15 2.31 0.00	42.91 2.58 0.00	41.59 2.39 0.00	37.70 2.37 0.00	33.02 2.10 0.00	29.52 1.88 0.00	27.37 1.79 0.00
ASTORIA_GT2_2 24095	28.69 1.73 0.00	26.29 1.56 0.00	24.06 1.15 0.00	22.99 1.22 0.00	22.63 1.18 0.00	23.20 1.00 0.00	24.58 0.97 0.00	23.79 0.98 0.00	24.84 1.09 0.00	25.25 1.20 0.00	25.11 1.51 0.00	25.85 1.49 0.00	26.04 1.57 0.00	26.02 1.59 0.00	26.86 1.62 0.00	29.32 1.73 -0.10	34.55 2.17 0.00	40.15 2.31 0.00	42.91 2.58 0.00	41.59 2.39 0.00	37.70 2.37 0.00	33.02 2.10 0.00	29.52 1.88 0.00	27.37 1.79 0.00
ASTORIA_GT2_3 24096	28.69 1.73 0.00	26.29 1.56 0.00	24.06 1.15 0.00	22.99 1.22 0.00	22.63 1.18 0.00	23.20 1.00 0.00	24.58 0.97 0.00	23.79 0.98 0.00	24.84 1.09 0.00	25.25 1.20 0.00	25.11 1.51 0.00	25.85 1.49 0.00	26.04 1.57 0.00	26.02 1.59 0.00	26.86 1.62 0.00	29.32 1.73 -0.10	34.55 2.17 0.00	40.15 2.31 0.00	42.91 2.58 0.00	41.59 2.39 0.00	37.70 2.37 0.00	33.02 2.10 0.00	29.52 1.88 0.00	27.37 1.79 0.00
ASTORIA_GT2_4 24097	28.69 1.73 0.00	26.29 1.56 0.00	24.06 1.15 0.00	22.99 1.22 0.00	22.63 1.18 0.00	23.20 1.00 0.00	24.58 0.97 0.00	23.79 0.98 0.00	24.84 1.09 0.00	25.25 1.20 0.00	25.11 1.51 0.00	25.85 1.49 0.00	26.04 1.57 0.00	26.02 1.59 0.00	26.86 1.62 0.00	29.32 1.73 -0.10	34.55 2.17 0.00	40.15 2.31 0.00	42.91 2.58 0.00	41.59 2.39 0.00	37.70 2.37 0.00	33.02 2.10 0.00	29.52 1.88 0.00	27.37 1.79 0.00
ASTORIA_GT3_1 24098	28.69 1.73 0.00	26.29 1.56 0.00	24.06 1.15 0.00	22.99 1.22 0.00	22.63 1.18 0.00	23.20 1.00 0.00	24.58 0.97 0.00	23.79 0.98 0.00	24.84 1.09 0.00	25.25 1.20 0.00	25.11 1.51 0.00	25.85 1.49 0.00	26.04 1.57 0.00	26.02 1.59 0.00	26.86 1.62 0.00	29.32 1.73 -0.10	34.55 2.17 0.00	40.15 2.31 0.00	42.91 2.58 0.00	41.59 2.39 0.00	37.70 2.37 0.00	33.02 2.10 0.00	29.52 1.88 0.00	27.37 1.79 0.00
ASTORIA_GT3_2 24099	28.69 1.73 0.00	26.29 1.56 0.00	24.06 1.15 0.00	22.99 1.22 0.00	22.63 1.18 0.00	23.20 1.00 0.00	24.58 0.97 0.00	23.79 0.98 0.00	24.84 1.09 0.00	25.25 1.20 0.00	25.11 1.51 0.00	25.85 1.49 0.00	26.04 1.57 0.00	26.02 1.59 0.00	26.86 1.62 0.00	29.32 1.73 -0.10	34.55 2.17 0.00	40.15 2.31 0.00	42.91 2.58 0.00	41.59 2.39 0.00	37.70 2.37 0.00	33.02 2.10 0.00	29.52 1.88 0.00	27.37 1.79 0.00
ASTORIA_GT3_3 24100	28.69 1.73 0.00	26.29 1.56 0.00	24.06 1.15 0.00	22.99 1.22 0.00	22.63 1.18 0.00	23.20 1.00 0.00	24.58 0.97 0.00	23.79 0.98 0.00	24.84 1.09 0.00	25.25 1.20 0.00	25.11 1.51 0.00	25.85 1.49 0.00	26.04 1.57 0.00	26.02 1.59 0.00	26.86 1.62 0.00	29.32 1.73 -0.10	34.55 2.17 0.00	40.15 2.31 0.00	42.91 2.58 0.00	41.59 2.39 0.00	37.70 2.37 0.00	33.02 2.10 0.00	29.52 1.88 0.00	27.37 1.79 0.00
ASTORIA_GT3_4 24101	28.69 1.73 0.00	26.29 1.56 0.00	24.06 1.15 0.00	22.99 1.22 0.00	22.63 1.18 0.00	23.20 1.00 0.00	24.58 0.97 0.00	23.79 0.98 0.00	24.84 1.09 0.00	25.25 1.20 0.00	25.11 1.51 0.00	25.85 1.49 0.00	26.04 1.57 0.00	26.02 1.59 0.00	26.86 1.62 0.00	29.32 1.73 -0.10	34.55 2.17 0.00	40.15 2.31 0.00	42.91 2.58 0.00	41.59 2.39 0.00	37.70 2.37 0.00	33.02 2.10 0.00	29.52 1.88 0.00	27.37 1.79 0.00
ASTORIA_GT4_1 24102	28.69 1.73 0.00	26.29 1.56 0.00	24.06 1.15 0.00	22.99 1.22 0.00	22.63 1.18 0.00	23.20 1.00 0.00	24.58 0.97 0.00	23.79 0.98 0.00	24.84 1.09 0.00	25.25 1.20 0.00	25.11 1.51 0.00	25.85 1.49 0.00	26.04 1.57 0.00	26.02 1.59 0.00	26.86 1.62 0.00	29.32 1.73 -0.10	34.55 2.17 0.00	40.15 2.31 0.00	42.91 2.58 0.00	41.59 2.39 0.00	37.70 2.37 0.00	33.02 2.10 0.00	29.52 1.88 0.00	27.37 1.79 0.00
ASTORIA_GT4_2 24103	28.69 1.73 0.00	26.29 1.56 0.00	24.06 1.15 0.00	22.99 1.22 0.00	22.63 1.18 0.00	23.20 1.00 0.00	24.58 0.97 0.00	23.79 0.98 0.00	24.84 1.09 0.00	25.25 1.20 0.00	25.11 1.51 0.00	25.85 1.49 0.00	26.04 1.57 0.00	26.02 1.59 0.00	26.86 1.62 0.00	29.32 1.73 -0.10	34.55 2.17 0.00	40.15 2.31 0.00	42.91 2.58 0.00	41.59 2.39 0.00	37.70 2.37 0.00	33.02 2.10 0.00	29.52 1.88 0.00	27.37 1.79 0.00
ASTORIA_GT4_3 24104	28.69 1.73 0.00	26.29 1.56 0.00	24.06 1.15 0.00	22.99 1.22 0.00	22.63 1.18 0.00	23.20 1.00 0.00	24.58 0.97 0.00	23.79 0.98 0.00	24.84 1.09 0.00	25.25 1.20 0.00	25.11 1.51 0.00	25.85 1.49 0.00	26.04 1.57 0.00	26.02 1.59 0.00	26.86 1.62 0.00	29.32 1.73 -0.10	34.55 2.17 0.00	40.15 2.31 0.00	42.91 2.58 0.00	41.59 2.39 0.00	37.70 2.37 0.00	33.02 2.10 0.00	29.52 1.88 0.00	27.37 1.79 0.00



ASTORIA_GT4_4 24105	28.69 1.73 0.00	26.29 1.56 0.00	24.06 1.15 0.00	22.99 1.22 0.00	22.63 1.18 0.00	23.20 1.00 0.00	24.58 0.97 0.00	23.79 0.98 0.00	24.84 1.09 0.00	25.25 1.20 0.00	25.11 1.51 0.00	25.85 1.49 0.00	26.04 1.57 0.00	26.02 1.59 0.00	26.86 1.62 0.00	29.32 1.73 -0.10	34.55 2.17 0.00	40.15 2.31 0.00	42.91 2.58 0.00	41.59 2.39 0.00	37.70 2.37 0.00	33.02 2.10 0.00	29.52 1.88 0.00	27.37 1.79 0.00
ASTORIA_GT_1 23523	28.74 1.78 0.00	26.34 1.61 0.00	24.09 1.17 0.00	23.01 1.24 0.00	22.65 1.20 0.00	23.22 1.02 0.00	24.62 1.01 0.01	23.83 1.03 0.01	24.97 1.23 0.01	25.29 1.25 0.01	25.15 1.56 0.01	25.90 1.54 0.01	26.06 1.59 0.01	26.06 1.64 0.01	26.93 1.69 0.01	29.36 1.79 -0.09	34.60 2.23 0.01	40.22 2.39 0.01	42.98 2.66 0.01	41.93 2.74 0.01	37.76 2.44 0.01	33.01 2.10 0.01	29.58 1.93 0.00	27.39 1.82 0.00
ASTORIA_GT_10 24110	28.63 1.67 0.00	26.20 1.46 0.00	24.09 1.17 0.00	22.95 1.18 0.00	22.59 1.14 0.00	23.24 1.04 0.00	24.70 1.09 0.00	23.88 1.07 0.00	24.94 1.19 0.00	25.35 1.30 0.00	25.20 1.60 0.00	25.95 1.58 0.00	26.14 1.66 0.00	26.09 1.66 0.00	26.96 1.72 0.00	29.43 1.84 -0.10	34.64 2.27 0.00	40.30 2.46 0.00	43.07 2.74 0.00	41.74 2.55 0.00	37.84 2.51 0.00	33.14 2.23 0.00	29.60 1.96 0.00	27.39 1.82 0.00
ASTORIA_GT_11 24225	28.63 1.67 0.00	26.20 1.46 0.00	24.09 1.17 0.00	22.95 1.18 0.00	22.59 1.14 0.00	23.24 1.04 0.00	24.70 1.09 0.00	23.88 1.07 0.00	24.94 1.19 0.00	25.35 1.30 0.00	25.20 1.60 0.00	25.95 1.58 0.00	26.14 1.66 0.00	26.09 1.66 0.00	26.96 1.72 0.00	29.43 1.84 -0.10	34.64 2.27 0.00	40.30 2.46 0.00	43.07 2.74 0.00	41.74 2.55 0.00	37.84 2.51 0.00	33.14 2.23 0.00	29.60 1.96 0.00	27.39 1.82 0.00
ASTORIA_GT_12 24226	28.63 1.67 0.00	26.20 1.46 0.00	24.09 1.17 0.00	22.95 1.18 0.00	22.59 1.14 0.00	23.24 1.04 0.00	24.70 1.09 0.00	23.88 1.07 0.00	24.94 1.19 0.00	25.35 1.30 0.00	25.20 1.60 0.00	25.95 1.58 0.00	26.14 1.66 0.00	26.09 1.66 0.00	26.96 1.72 0.00	29.43 1.84 -0.10	34.64 2.27 0.00	40.30 2.46 0.00	43.07 2.74 0.00	41.74 2.55 0.00	37.84 2.51 0.00	33.14 2.23 0.00	29.60 1.96 0.00	27.39 1.82 0.00
ASTORIA_GT_13 24227	28.63 1.67 0.00	26.20 1.46 0.00	24.09 1.17 0.00	22.95 1.18 0.00	22.59 1.14 0.00	23.24 1.04 0.00	24.70 1.09 0.00	23.88 1.07 0.00	24.94 1.19 0.00	25.35 1.30 0.00	25.20 1.60 0.00	25.95 1.58 0.00	26.14 1.66 0.00	26.09 1.66 0.00	26.96 1.72 0.00	29.43 1.84 -0.10	34.64 2.27 0.00	40.30 2.46 0.00	43.07 2.74 0.00	41.74 2.55 0.00	37.84 2.51 0.00	33.14 2.23 0.00	29.60 1.96 0.00	27.39 1.82 0.00
ASTORIA_GT_5 24106	28.74 1.78 0.00	26.34 1.61 0.00	24.09 1.17 0.00	23.03 1.26 0.00	22.65 1.20 0.00	23.22 1.02 0.00	24.63 1.02 0.00	23.83 1.03 0.00	24.86 1.12 0.00	25.30 1.25 0.00	25.15 1.56 0.00	25.90 1.54 0.00	26.09 1.62 0.00	26.07 1.64 0.00	26.93 1.69 0.00	29.37 1.79 -0.10	34.61 2.23 0.00	40.22 2.38 0.00	42.99 2.66 0.00	41.67 2.47 0.00	37.77 2.44 0.00	33.08 2.16 0.00	29.58 1.93 0.00	27.42 1.84 0.00
ASTORIA_GT_7 24107	28.74 1.78 0.00	26.34 1.61 0.00	24.09 1.17 0.00	23.03 1.26 0.00	22.65 1.20 0.00	23.22 1.02 0.00	24.63 1.02 0.00	23.83 1.03 0.00	24.86 1.12 0.00	25.30 1.25 0.00	25.15 1.56 0.00	25.90 1.54 0.00	26.09 1.62 0.00	26.07 1.64 0.00	26.93 1.69 0.00	29.37 1.79 -0.10	34.61 2.23 0.00	40.22 2.38 0.00	42.99 2.66 0.00	41.67 2.47 0.00	37.77 2.44 0.00	33.08 2.16 0.00	29.58 1.93 0.00	27.42 1.84 0.00
ASTORIA_GT_8 24108	28.74 1.78 0.00	26.34 1.61 0.00	24.09 1.17 0.00	23.03 1.26 0.00	22.65 1.20 0.00	23.22 1.02 0.00	24.63 1.02 0.00	23.83 1.03 0.00	24.86 1.12 0.00	25.30 1.25 0.00	25.15 1.56 0.00	25.90 1.54 0.00	26.09 1.62 0.00	26.07 1.64 0.00	26.93 1.69 0.00	29.37 1.79 -0.10	34.61 2.23 0.00	40.22 2.38 0.00	42.99 2.66 0.00	41.67 2.47 0.00	37.77 2.44 0.00	33.08 2.16 0.00	29.58 1.93 0.00	27.42 1.84 0.00
ASTORIA___2 24149	28.69 1.73 0.00	26.30 1.56 0.00	24.06 1.15 0.00	22.99 1.22 0.00	22.63 1.18 0.00	23.20 1.00 0.00	24.57 0.97 0.01	23.78 0.98 0.01	24.93 1.19 0.01	25.24 1.20 0.01	25.10 1.51 0.01	25.85 1.49 0.01	26.01 1.54 0.01	26.01 1.59 0.01	26.85 1.62 0.01	29.31 1.73 -0.09	34.54 2.17 0.01	40.14 2.31 0.01	42.90 2.58 0.01	41.85 2.67 0.01	37.66 2.33 0.01	32.95 2.04 0.01	29.52 1.88 0.00	27.34 1.76 0.00
ASTORIA___3 23516	28.63 1.67 0.00	26.19 1.46 0.00	24.09 1.17 0.00	22.94 1.17 0.00	22.59 1.14 0.00	23.24 1.04 0.00	24.70 1.09 0.00	23.88 1.07 0.00	25.03 1.28 0.00	25.35 1.30 0.00	25.20 1.61 0.00	25.95 1.58 0.00	26.12 1.64 0.00	26.09 1.66 0.00	26.96 1.72 0.00	29.43 1.84 -0.10	34.64 2.27 0.00	40.30 2.46 0.00	43.07 2.74 0.00	42.02 2.82 0.00	37.84 2.51 0.00	33.08 2.16 0.00	29.60 1.96 0.00	27.39 1.82 0.00
ASTORIA___4 23517	28.63 1.67 0.00	26.20 1.46 0.00	24.09 1.17 0.00	22.95 1.18 0.00	22.59 1.14 0.00	23.24 1.04 0.00	24.70 1.09 0.00	23.88 1.07 0.00	24.94 1.19 0.00	25.35 1.30 0.00	25.20 1.60 0.00	25.95 1.58 0.00	26.14 1.66 0.00	26.09 1.66 0.00	26.96 1.72 0.00	29.43 1.84 -0.10	34.64 2.27 0.00	40.30 2.46 0.00	43.07 2.74 0.00	41.74 2.55 0.00	37.84 2.51 0.00	33.14 2.23 0.00	29.60 1.96 0.00	27.39 1.82 0.00
ASTORIA___5 23518	28.63 1.67 0.00	26.19 1.46 0.00	24.09 1.17 0.00	22.94 1.17 0.00	22.59 1.14 0.00	23.24 1.04 0.00	24.70 1.09 0.00	23.88 1.07 0.00	25.03 1.28 0.00	25.35 1.30 0.00	25.20 1.61 0.00	25.95 1.58 0.00	26.12 1.64 0.00	26.09 1.66 0.00	26.96 1.72 0.00	29.43 1.84 -0.10	34.64 2.27 0.00	40.30 2.46 0.00	43.07 2.74 0.00	42.02 2.82 0.00	37.84 2.51 0.00	33.08 2.16 0.00	29.60 1.96 0.00	27.39 1.82 0.00
AST_ENERGY_2_CC3 323677	28.58 1.62 0.00	26.15 1.41 0.00	24.09 1.17 0.00	22.90 1.13 0.00	22.57 1.11 0.00	23.31 1.11 0.00	24.82 1.20 0.00	23.99 1.19 0.00	25.13 1.38 0.00	25.44 1.39 0.00	25.27 1.68 0.00	26.03 1.66 0.00	26.21 1.74 0.00	26.19 1.76 0.00	27.06 1.82 0.00	29.54 1.95 -0.10	34.77 2.40 0.00	40.41 2.57 0.00	43.19 2.86 0.00	42.14 2.94 0.00	37.95 2.61 0.00	33.20 2.29 0.00	29.63 1.99 0.00	27.42 1.84 0.00
AST_ENERGY_2_CC4 323678	28.58 1.62 0.00	26.15 1.41 0.00	24.09 1.17 0.00	22.90 1.13 0.00	22.57 1.11 0.00	23.31 1.11 0.00	24.82 1.20 0.00	23.99 1.19 0.00	25.13 1.38 0.00	25.44 1.39 0.00	25.27 1.68 0.00	26.03 1.66 0.00	26.21 1.74 0.00	26.19 1.76 0.00	27.06 1.82 0.00	29.54 1.95 -0.10	34.77 2.40 0.00	40.41 2.57 0.00	43.19 2.86 0.00	42.14 2.94 0.00	37.95 2.61 0.00	33.20 2.29 0.00	29.63 1.99 0.00	27.42 1.84 0.00



ATHENS_STG_1 23668	27.69 0.73 0.00	25.40 0.67 0.00	23.54 0.62 0.00	22.36 0.59 0.00	22.05 0.60 0.00	22.82 0.62 0.00	24.25 0.64 0.00	23.33 0.52 0.00	24.34 0.59 0.00	24.58 0.53 0.00	24.26 0.66 0.00	25.00 0.63 0.00	25.14 0.66 0.00	25.09 0.66 0.00	25.93 0.68 0.00	28.27 0.74 -0.04	33.35 0.97 0.00	38.94 1.10 0.00	41.70 1.37 0.00	40.60 1.41 0.00	36.57 1.24 0.00	31.97 1.05 0.00	28.58 0.94 0.00	26.47 0.89 0.00
ATHENS_STG_2 23670	27.69 0.73 0.00	25.40 0.67 0.00	23.54 0.62 0.00	22.36 0.59 0.00	22.05 0.60 0.00	22.82 0.62 0.00	24.25 0.64 0.00	23.33 0.52 0.00	24.34 0.59 0.00	24.58 0.53 0.00	24.26 0.66 0.00	25.00 0.63 0.00	25.14 0.66 0.00	25.09 0.66 0.00	25.93 0.68 0.00	28.27 0.74 -0.04	33.35 0.97 0.00	38.94 1.10 0.00	41.70 1.37 0.00	40.60 1.41 0.00	36.57 1.24 0.00	31.97 1.05 0.00	28.58 0.94 0.00	26.47 0.89 0.00
ATHENS_STG_3 23677	27.69 0.73 0.00	25.40 0.67 0.00	23.54 0.62 0.00	22.36 0.59 0.00	22.05 0.60 0.00	22.82 0.62 0.00	24.25 0.64 0.00	23.33 0.52 0.00	24.34 0.59 0.00	24.58 0.53 0.00	24.26 0.66 0.00	25.00 0.63 0.00	25.14 0.66 0.00	25.09 0.66 0.00	25.93 0.68 0.00	28.27 0.74 -0.04	33.35 0.97 0.00	38.94 1.10 0.00	41.70 1.37 0.00	40.60 1.41 0.00	36.57 1.24 0.00	31.97 1.05 0.00	28.58 0.94 0.00	26.47 0.89 0.00
AUBURN___LFGE 323710	27.07 0.11 0.00	24.79 0.05 0.00	22.94 0.02 0.00	21.75 -0.02 0.00	21.45 0.00 0.00	22.22 0.02 0.00	23.66 0.05 0.00	23.01 0.21 0.00	23.82 0.07 0.00	24.22 0.17 0.00	23.64 0.05 0.00	24.56 0.19 0.00	24.65 0.17 0.00	24.62 0.20 0.00	25.45 0.20 0.00	27.68 0.19 0.00	32.41 0.03 0.00	37.95 0.11 0.00	40.65 0.32 0.00	39.20 0.00 0.00	35.33 0.00 0.00	30.98 0.06 0.00	27.78 0.14 0.00	25.97 0.00 -0.39
BABYLON_RES_REC 323704	29.21 1.94 -0.30	26.90 1.71 -0.45	24.72 1.49 -0.31	23.35 1.41 -0.16	22.85 1.39 0.00	25.55 1.44 -1.92	24.91 1.30 0.00	24.20 1.39 0.00	25.41 1.66 0.00	26.06 1.64 -0.38	29.08 1.86 -3.62	29.84 1.85 -3.62	29.82 1.91 -3.43	31.33 1.93 -4.97	30.74 1.99 -3.50	32.71 2.17 -3.05	36.33 2.75 -1.20	41.02 3.18 0.00	43.79 3.47 0.00	42.73 3.53 0.00	38.30 2.97 0.00	35.78 2.63 -2.24	30.92 2.29 -0.99	29.78 2.12 -2.08
BABYLON__69_KV_BK2 356345	29.37 2.10 -0.30	27.07 1.88 -0.45	24.88 1.65 -0.31	23.50 1.57 -0.16	22.97 1.52 0.00	25.69 1.58 -1.92	25.01 1.39 0.00	24.38 1.57 0.00	25.34 1.59 0.00	26.23 1.80 -0.38	29.25 2.03 -3.62	30.01 2.02 -3.62	30.01 2.10 -3.43	31.50 2.10 -4.97	30.94 2.20 -3.50	32.93 2.39 -3.05	36.66 3.08 -1.20	41.44 3.59 0.00	44.24 3.91 0.00	42.80 3.61 0.00	38.65 3.32 0.00	36.09 2.94 -2.24	31.12 2.49 -0.99	29.96 2.30 -2.08
BALL_HILL_WT_PWR 323825	27.82 0.86 0.00	25.40 0.67 0.00	23.42 0.50 0.00	22.01 0.24 0.00	21.73 0.28 0.00	22.57 0.38 0.00	23.99 0.38 0.00	23.67 0.87 0.00	24.39 0.64 0.00	24.96 0.91 0.00	24.61 1.01 0.00	25.81 1.44 0.00	25.75 1.27 0.00	25.87 1.44 0.00	26.63 1.39 0.00	28.94 1.46 0.00	33.35 0.97 0.00	38.44 0.60 0.00	41.33 1.01 0.00	39.16 -0.04 0.00	35.33 0.00 0.00	31.41 0.49 0.00	28.28 0.64 0.00	26.17 0.59 0.00
BARON_WINDS___WT_PWR 323822	27.61 0.65 0.00	25.23 0.49 0.00	23.28 0.37 0.00	21.94 0.17 0.00	21.64 0.19 0.00	22.46 0.27 0.00	23.92 0.31 0.00	23.47 0.66 0.00	24.20 0.45 0.00	24.72 0.67 0.00	24.28 0.68 0.00	25.37 1.00 0.00	25.38 0.91 0.00	25.43 1.00 0.00	26.23 0.98 0.00	28.53 1.04 0.00	33.09 0.71 0.00	38.41 0.57 0.00	41.17 0.85 0.00	39.39 0.20 0.00	35.44 0.11 0.00	31.38 0.46 0.00	28.17 0.52 0.00	26.18 0.51 -0.09
BARRETT_IC_1 23704	29.10 1.83 -0.30	26.80 1.61 -0.45	24.63 1.40 -0.31	23.26 1.33 -0.16	22.76 1.31 0.00	25.47 1.35 -1.92	24.86 1.25 0.00	24.13 1.32 0.00	25.32 1.57 0.00	25.99 1.56 -0.38	29.01 1.79 -3.62	29.79 1.80 -3.62	29.77 1.86 -3.43	31.28 1.88 -4.97	30.69 1.94 -3.50	32.63 2.09 -3.05	35.98 2.40 -1.20	40.41 2.57 0.00	43.18 2.86 0.01	42.14 2.94 0.00	37.91 2.58 0.00	35.57 2.41 -2.24	30.84 2.21 -0.99	29.68 2.02 -2.08
BARRETT_IC_10 23701	29.10 1.83 -0.30	26.80 1.61 -0.45	24.63 1.40 -0.31	23.26 1.33 -0.16	22.76 1.31 0.00	25.47 1.35 -1.92	24.86 1.25 0.00	24.13 1.32 0.00	25.32 1.57 0.00	25.99 1.56 -0.38	29.01 1.79 -3.62	29.79 1.80 -3.62	29.77 1.86 -3.43	31.28 1.88 -4.97	30.69 1.94 -3.50	32.63 2.09 -3.05	35.98 2.40 -1.20	40.41 2.57 0.00	43.18 2.86 0.01	42.14 2.94 0.00	37.91 2.58 0.00	35.57 2.41 -2.24	30.84 2.21 -0.99	29.68 2.02 -2.08
BARRETT_IC_11 23702	29.10 1.83 -0.30	26.80 1.61 -0.45	24.63 1.40 -0.31	23.26 1.33 -0.16	22.76 1.31 0.00	25.47 1.35 -1.92	24.86 1.25 0.00	24.13 1.32 0.00	25.32 1.57 0.00	25.99 1.56 -0.38	29.01 1.79 -3.62	29.79 1.80 -3.62	29.77 1.86 -3.43	31.28 1.88 -4.97	30.69 1.94 -3.50	32.63 2.09 -3.05	35.98 2.40 -1.20	40.41 2.57 0.00	43.18 2.86 0.01	42.14 2.94 0.00	37.91 2.58 0.00	35.57 2.41 -2.24	30.84 2.21 -0.99	29.68 2.02 -2.08
BARRETT_IC_12 23703	29.10 1.83 -0.30	26.80 1.61 -0.45	24.63 1.40 -0.31	23.26 1.33 -0.16	22.76 1.31 0.00	25.47 1.35 -1.92	24.86 1.25 0.00	24.13 1.32 0.00	25.32 1.57 0.00	25.99 1.56 -0.38	29.01 1.79 -3.62	29.79 1.80 -3.62	29.77 1.86 -3.43	31.28 1.88 -4.97	30.69 1.94 -3.50	32.63 2.09 -3.05	35.98 2.40 -1.20	40.41 2.57 0.00	43.18 2.86 0.01	42.14 2.94 0.00	37.91 2.58 0.00	35.57 2.41 -2.24	30.84 2.21 -0.99	29.68 2.02 -2.08
BARRETT_IC_2 23705	29.10 1.83 -0.30	26.80 1.61 -0.45	24.63 1.40 -0.31	23.26 1.33 -0.16	22.76 1.31 0.00	25.47 1.35 -1.92	24.86 1.25 0.00	24.13 1.32 0.00	25.32 1.57 0.00	25.99 1.56 -0.38	29.01 1.79 -3.62	29.79 1.80 -3.62	29.77 1.86 -3.43	31.28 1.88 -4.97	30.69 1.94 -3.50	32.63 2.09 -3.05	35.98 2.40 -1.20	40.41 2.57 0.00	43.18 2.86 0.01	42.14 2.94 0.00	37.91 2.58 0.00	35.57 2.41 -2.24	30.84 2.21 -0.99	29.68 2.02 -2.08
BARRETT_IC_3 23706	29.10 1.83 -0.30	26.80 1.61 -0.45	24.63 1.40 -0.31	23.26 1.33 -0.16	22.76 1.31 0.00	25.47 1.35 -1.92	24.86 1.25 0.00	24.13 1.32 0.00	25.32 1.57 0.00	25.99 1.56 -0.38	29.01 1.79 -3.62	29.79 1.80 -3.62	29.77 1.86 -3.43	31.28 1.88 -4.97	30.69 1.94 -3.50	32.63 2.09 -3.05	35.98 2.40 -1.20	40.41 2.57 0.00	43.18 2.86 0.01	42.14 2.94 0.00	37.91 2.58 0.00	35.57 2.41 -2.24	30.84 2.21 -0.99	29.68 2.02 -2.08
BARRETT_IC_4 23707	29.10 1.83 -0.30	26.80 1.61 -0.45	24.63 1.40 -0.31	23.26 1.33 -0.16	22.76 1.31 0.00	25.47 1.35 -1.92	24.86 1.25 0.00	24.13 1.32 0.00	25.32 1.57 0.00	25.99 1.56 -0.38	29.01 1.79 -3.62	29.79 1.80 -3.62	29.77 1.86 -3.43	31.28 1.88 -4.97	30.69 1.94 -3.50	32.63 2.09 -3.05	35.98 2.40 -1.20	40.41 2.57 0.00	43.18 2.86 0.01	42.14 2.94 0.00	37.91 2.58 0.00	35.57 2.41 -2.24	30.84 2.21 -0.99	29.68 2.02 -2.08



BARRETT_IC_5 23708	29.10 1.83 -0.30	26.80 1.61 -0.45	24.63 1.40 -0.31	23.26 1.33 -0.16	22.76 1.31 0.00	25.47 1.35 -1.92	24.86 1.25 0.00	24.13 1.32 0.00	25.32 1.57 0.00	25.99 1.56 -0.38	29.01 1.79 -3.62	29.79 1.80 -3.62	29.77 1.86 -3.43	31.28 1.88 -4.97	30.69 1.94 -3.50	32.63 2.09 -3.05	35.98 2.40 -1.20	40.41 2.57 0.00	43.18 2.86 0.01	42.14 2.94 0.00	37.91 2.58 0.00	35.57 2.41 -2.24	30.84 2.21 -0.99	29.68 2.02 -2.08
BARRETT_IC_6 23709	29.10 1.83 -0.30	26.80 1.61 -0.45	24.63 1.40 -0.31	23.26 1.33 -0.16	22.76 1.31 0.00	25.47 1.35 -1.92	24.86 1.25 0.00	24.13 1.32 0.00	25.32 1.57 0.00	25.99 1.56 -0.38	29.01 1.79 -3.62	29.79 1.80 -3.62	29.77 1.86 -3.43	31.28 1.88 -4.97	30.69 1.94 -3.50	32.63 2.09 -3.05	35.98 2.40 -1.20	40.41 2.57 0.00	43.18 2.86 0.01	42.14 2.94 0.00	37.91 2.58 0.00	35.57 2.41 -2.24	30.84 2.21 -0.99	29.68 2.02 -2.08
BARRETT_IC_7 23710	29.10 1.83 -0.30	26.80 1.61 -0.45	24.63 1.40 -0.31	23.26 1.33 -0.16	22.76 1.31 0.00	25.47 1.35 -1.92	24.86 1.25 0.00	24.15 1.35 0.00	25.15 1.40 0.00	25.99 1.56 -0.38	29.01 1.79 -3.62	29.79 1.80 -3.62	29.79 1.88 -3.43	31.28 1.88 -4.97	30.69 1.94 -3.50	32.63 2.09 -3.05	35.98 2.40 -1.20	40.41 2.57 0.00	43.19 2.86 0.00	41.82 2.63 0.00	37.91 2.58 0.00	35.60 2.44 -2.24	30.84 2.21 -0.99	29.70 2.05 -2.08
BARRETT_IC_8 23711	29.10 1.83 -0.30	26.80 1.61 -0.45	24.63 1.40 -0.31	23.26 1.33 -0.16	22.76 1.31 0.00	25.47 1.35 -1.92	24.86 1.25 0.00	24.13 1.32 0.00	25.32 1.57 0.00	25.99 1.56 -0.38	29.01 1.79 -3.62	29.79 1.80 -3.62	29.77 1.86 -3.43	31.28 1.88 -4.97	30.69 1.94 -3.50	32.63 2.09 -3.05	35.98 2.40 -1.20	40.41 2.57 0.00	43.18 2.86 0.01	42.14 2.94 0.00	37.91 2.58 0.00	35.57 2.41 -2.24	30.84 2.21 -0.99	29.68 2.02 -2.08
BARRETT_IC_9 23700	29.10 1.83 -0.30	26.80 1.61 -0.45	24.63 1.40 -0.31	23.26 1.33 -0.16	22.76 1.31 0.00	25.47 1.35 -1.92	24.86 1.25 0.00	24.13 1.32 0.00	25.32 1.57 0.00	25.99 1.56 -0.38	29.01 1.79 -3.62	29.79 1.80 -3.62	29.77 1.86 -3.43	31.28 1.88 -4.97	30.69 1.94 -3.50	32.63 2.09 -3.05	35.98 2.40 -1.20	40.41 2.57 0.00	43.18 2.86 0.01	42.14 2.94 0.00	37.91 2.58 0.00	35.57 2.41 -2.24	30.84 2.21 -0.99	29.68 2.02 -2.08
BARRETT___1 23545	29.10 1.83 -0.30	26.80 1.61 -0.45	24.63 1.40 -0.31	23.26 1.33 -0.16	22.76 1.31 0.00	25.47 1.35 -1.92	24.86 1.25 0.00	24.13 1.32 0.00	25.32 1.57 0.00	25.99 1.56 -0.38	29.01 1.79 -3.62	29.79 1.80 -3.62	29.77 1.86 -3.43	31.28 1.88 -4.97	30.69 1.94 -3.50	32.63 2.09 -3.05	35.98 2.40 -1.20	40.41 2.57 0.00	43.18 2.86 0.01	42.14 2.94 0.00	37.91 2.58 0.00	35.57 2.41 -2.24	30.84 2.21 -0.99	29.68 2.02 -2.08
BARRETT___2 23546	29.10 1.83 -0.30	26.80 1.61 -0.45	24.63 1.40 -0.31	23.26 1.33 -0.16	22.76 1.31 0.00	25.47 1.35 -1.92	24.86 1.25 0.00	24.13 1.32 0.00	25.32 1.57 0.00	25.99 1.56 -0.38	29.01 1.79 -3.62	29.79 1.80 -3.62	29.77 1.86 -3.43	31.28 1.88 -4.97	30.69 1.94 -3.50	32.63 2.09 -3.05	35.98 2.40 -1.20	40.41 2.57 0.00	43.18 2.86 0.01	42.14 2.94 0.00	37.91 2.58 0.00	35.57 2.41 -2.24	30.84 2.21 -0.99	29.68 2.02 -2.08
BATAVIA__115KV_TB1 55881	27.58 0.62 0.00	25.21 0.47 0.00	23.24 0.32 0.00	21.84 0.07 0.00	21.56 0.11 0.00	22.42 0.22 0.00	23.80 0.19 0.00	23.47 0.66 0.00	24.25 0.50 0.00	24.75 0.70 0.00	24.33 0.73 0.00	25.49 1.12 0.00	25.43 0.95 0.00	25.53 1.10 0.00	26.28 1.03 0.00	28.61 1.13 0.00	32.99 0.62 0.00	38.26 0.42 0.00	41.29 0.97 0.00	39.00 -0.20 0.00	35.33 0.00 0.00	31.07 0.15 0.00	28.30 0.66 0.00	26.06 0.49 0.00
BAYONEEC___CTG1 323682	28.55 1.59 0.00	26.12 1.38 0.00	24.06 1.15 0.00	22.88 1.11 0.00	22.55 1.09 0.00	23.31 1.11 0.00	24.82 1.20 0.00	23.99 1.19 0.00	25.13 1.38 0.00	25.44 1.39 0.00	25.27 1.68 0.00	26.03 1.66 0.00	26.19 1.71 0.00	26.16 1.73 0.00	27.06 1.82 0.00	29.54 1.95 -0.10	34.77 2.40 0.00	40.41 2.57 0.00	43.15 2.82 0.00	42.10 2.90 0.00	37.91 2.58 0.00	33.17 2.26 0.00	29.63 1.99 0.00	27.39 1.82 0.00
BAYONEEC___CTG10 323750	28.55 1.59 0.00	26.12 1.38 0.00	24.06 1.15 0.00	22.88 1.11 0.00	22.55 1.09 0.00	23.31 1.11 0.00	24.82 1.20 0.00	23.99 1.19 0.00	25.13 1.38 0.00	25.44 1.39 0.00	25.27 1.68 0.00	26.03 1.66 0.00	26.19 1.71 0.00	26.16 1.73 0.00	27.06 1.82 0.00	29.54 1.95 -0.10	34.77 2.40 0.00	40.41 2.57 0.00	43.15 2.82 0.00	42.10 2.90 0.00	37.91 2.58 0.00	33.17 2.26 0.00	29.63 1.99 0.00	27.39 1.82 0.00
BAYONEEC___CTG2 323683	28.55 1.59 0.00	26.12 1.38 0.00	24.06 1.15 0.00	22.88 1.11 0.00	22.55 1.09 0.00	23.31 1.11 0.00	24.82 1.20 0.00	23.99 1.19 0.00	25.13 1.38 0.00	25.44 1.39 0.00	25.27 1.68 0.00	26.03 1.66 0.00	26.19 1.71 0.00	26.16 1.73 0.00	27.06 1.82 0.00	29.54 1.95 -0.10	34.77 2.40 0.00	40.41 2.57 0.00	43.15 2.82 0.00	42.10 2.90 0.00	37.91 2.58 0.00	33.17 2.26 0.00	29.63 1.99 0.00	27.39 1.82 0.00
BAYONEEC___CTG3 323684	28.55 1.59 0.00	26.12 1.38 0.00	24.06 1.15 0.00	22.88 1.11 0.00	22.55 1.09 0.00	23.31 1.11 0.00	24.82 1.20 0.00	23.99 1.19 0.00	25.13 1.38 0.00	25.44 1.39 0.00	25.27 1.68 0.00	26.03 1.66 0.00	26.19 1.71 0.00	26.16 1.73 0.00	27.06 1.82 0.00	29.54 1.95 -0.10	34.77 2.40 0.00	40.41 2.57 0.00	43.15 2.82 0.00	42.10 2.90 0.00	37.91 2.58 0.00	33.17 2.26 0.00	29.63 1.99 0.00	27.39 1.82 0.00
BAYONEEC___CTG4 323685	28.55 1.59 0.00	26.12 1.38 0.00	24.06 1.15 0.00	22.88 1.11 0.00	22.55 1.09 0.00	23.31 1.11 0.00	24.82 1.20 0.00	23.99 1.19 0.00	25.13 1.38 0.00	25.44 1.39 0.00	25.27 1.68 0.00	26.03 1.66 0.00	26.19 1.71 0.00	26.16 1.73 0.00	27.06 1.82 0.00	29.54 1.95 -0.10	34.77 2.40 0.00	40.41 2.57 0.00	43.15 2.82 0.00	42.10 2.90 0.00	37.91 2.58 0.00	33.17 2.26 0.00	29.63 1.99 0.00	27.39 1.82 0.00
BAYONEEC___CTG5 323686	28.55 1.59 0.00	26.12 1.38 0.00	24.06 1.15 0.00	22.88 1.11 0.00	22.55 1.09 0.00	23.31 1.11 0.00	24.82 1.20 0.00	23.99 1.19 0.00	25.13 1.38 0.00	25.44 1.39 0.00	25.27 1.68 0.00	26.03 1.66 0.00	26.19 1.71 0.00	26.16 1.73 0.00	27.06 1.82 0.00	29.54 1.95 -0.10	34.77 2.40 0.00	40.41 2.57 0.00	43.15 2.82 0.00	42.10 2.90 0.00	37.91 2.58 0.00	33.17 2.26 0.00	29.63 1.99 0.00	27.39 1.82 0.00
BAYONEEC___CTG6 323687	28.55 1.59 0.00	26.12 1.38 0.00	24.06 1.15 0.00	22.88 1.11 0.00	22.55 1.09 0.00	23.31 1.11 0.00	24.82 1.20 0.00	23.99 1.19 0.00	25.13 1.38 0.00	25.44 1.39 0.00	25.27 1.68 0.00	26.03 1.66 0.00	26.19 1.71 0.00	26.16 1.73 0.00	27.06 1.82 0.00	29.54 1.95 -0.10	34.77 2.40 0.00	40.41 2.57 0.00	43.15 2.82 0.00	42.10 2.90 0.00	37.91 2.58 0.00	33.17 2.26 0.00	29.63 1.99 0.00	27.39 1.82 0.00



BAYONEEC___CTG7 323688	28.55 1.59 0.00	26.12 1.38 0.00	24.06 1.15 0.00	22.88 1.11 0.00	22.55 1.09 0.00	23.31 1.11 0.00	24.82 1.20 0.00	23.99 1.19 0.00	25.13 1.38 0.00	25.44 1.39 0.00	25.27 1.68 0.00	26.03 1.66 0.00	26.19 1.71 0.00	26.16 1.73 0.00	27.06 1.82 0.00	29.54 1.95 -0.10	34.77 2.40 0.00	40.41 2.57 0.00	43.15 2.82 0.00	42.10 2.90 0.00	37.91 2.58 0.00	33.17 2.26 0.00	29.63 1.99 0.00	27.39 1.82 0.00
BAYONEEC___CTG8 323689	28.55 1.59 0.00	26.12 1.38 0.00	24.06 1.15 0.00	22.88 1.11 0.00	22.55 1.09 0.00	23.31 1.11 0.00	24.82 1.20 0.00	23.99 1.19 0.00	25.13 1.38 0.00	25.44 1.39 0.00	25.27 1.68 0.00	26.03 1.66 0.00	26.19 1.71 0.00	26.16 1.73 0.00	27.06 1.82 0.00	29.54 1.95 -0.10	34.77 2.40 0.00	40.41 2.57 0.00	43.15 2.82 0.00	42.10 2.90 0.00	37.91 2.58 0.00	33.17 2.26 0.00	29.63 1.99 0.00	27.39 1.82 0.00
BAYONEEC___CTG9 323749	28.55 1.59 0.00	26.12 1.38 0.00	24.06 1.15 0.00	22.88 1.11 0.00	22.55 1.09 0.00	23.31 1.11 0.00	24.82 1.20 0.00	23.99 1.19 0.00	25.13 1.38 0.00	25.44 1.39 0.00	25.27 1.68 0.00	26.03 1.66 0.00	26.19 1.71 0.00	26.16 1.73 0.00	27.06 1.82 0.00	29.54 1.95 -0.10	34.77 2.40 0.00	40.41 2.57 0.00	43.15 2.82 0.00	42.10 2.90 0.00	37.91 2.58 0.00	33.17 2.26 0.00	29.63 1.99 0.00	27.39 1.82 0.00
BEACON___LESR 323632	27.66 0.70 0.00	25.40 0.67 0.00	23.47 0.55 0.00	22.31 0.54 0.00	22.01 0.56 0.00	22.84 0.64 0.00	24.25 0.64 0.00	23.29 0.48 0.00	24.32 0.57 0.00	24.48 0.43 0.00	24.11 0.52 0.00	24.78 0.41 0.00	24.87 0.39 0.00	24.77 0.34 0.00	25.60 0.35 0.00	27.84 0.44 0.09	33.02 0.65 0.00	38.79 0.95 0.00	41.74 1.41 0.00	40.72 1.53 0.00	36.60 1.27 0.00	31.87 0.96 0.00	28.50 0.86 0.00	26.45 0.87 0.00
BEAVER RIVER___HYD 24048	27.37 0.41 0.00	25.11 0.37 0.00	23.24 0.32 0.00	22.07 0.30 0.00	21.73 0.28 0.00	22.46 0.27 0.00	23.94 0.33 0.00	23.24 0.43 0.00	24.03 0.29 0.00	24.41 0.36 0.00	23.78 0.19 0.00	24.52 0.15 0.00	24.55 0.07 0.00	24.43 0.00 0.00	25.27 0.03 0.00	27.57 0.08 0.00	32.47 0.10 0.00	38.07 0.23 0.00	40.89 0.56 0.00	39.82 0.63 0.00	35.90 0.56 0.00	31.44 0.53 0.00	27.78 0.14 0.00	25.80 0.00 -0.22
BEEBEE_GT_13 23619	27.04 0.08 0.00	24.76 0.02 0.00	22.85 -0.07 0.00	21.57 -0.20 0.00	21.28 -0.17 0.00	22.09 -0.11 0.00	23.47 -0.14 0.00	23.01 0.21 0.00	23.84 0.09 0.00	24.29 0.24 0.00	23.83 0.24 0.00	24.88 0.51 0.00	24.87 0.39 0.00	24.92 0.49 0.00	25.67 0.43 0.00	27.95 0.47 0.00	32.44 0.06 0.00	37.76 -0.08 0.00	40.57 0.24 0.00	38.73 -0.47 0.00	34.98 -0.35 0.00	30.73 -0.19 0.00	27.78 0.14 0.00	25.60 0.03 0.00
BENSHRST_27_KV_BENSHRST_1 355998	28.90 1.94 0.00	26.42 1.68 0.00	24.27 1.35 0.00	23.12 1.35 0.00	22.76 1.31 0.00	23.35 1.15 0.00	24.79 1.18 0.00	23.93 1.12 0.00	25.01 1.26 0.00	25.47 1.42 0.00	25.34 1.75 0.00	26.10 1.73 0.00	26.29 1.81 0.00	26.26 1.83 0.00	27.14 1.89 0.00	29.59 2.01 -0.10	34.90 2.53 0.00	40.64 2.80 0.00	43.39 3.06 0.00	42.06 2.86 0.00	38.12 2.79 0.00	33.36 2.44 0.00	29.83 2.18 0.00	27.62 2.05 0.00
BETHLEHEM___GRP 23843	27.20 0.24 0.00	24.98 0.25 0.00	23.12 0.21 0.00	21.99 0.22 0.00	21.71 0.26 0.00	22.51 0.31 0.00	23.92 0.31 0.00	22.97 0.16 0.00	23.91 0.17 0.00	24.12 0.07 0.00	23.79 0.19 0.00	24.42 0.05 0.00	24.50 0.02 0.00	24.48 0.05 0.00	25.27 0.03 0.00	27.46 0.05 0.08	32.57 0.19 0.00	38.18 0.34 0.00	41.01 0.69 0.00	39.78 0.59 0.00	35.97 0.64 0.00	31.41 0.49 0.00	28.03 0.39 0.00	26.04 0.46 0.00
BETHLEHEM___GS1 323560	27.20 0.24 0.00	24.98 0.25 0.00	23.12 0.21 0.00	22.01 0.24 0.00	21.71 0.26 0.00	22.51 0.31 0.00	23.92 0.31 0.00	22.97 0.16 0.00	23.96 0.21 0.00	24.12 0.07 0.00	23.78 0.19 0.00	24.42 0.05 0.00	24.53 0.05 0.00	24.48 0.05 0.00	25.27 0.03 0.00	27.46 0.06 0.08	32.57 0.20 0.00	38.18 0.34 0.00	41.01 0.68 0.00	39.98 0.78 0.00	35.97 0.64 0.00	31.35 0.43 0.00	28.03 0.39 0.00	26.01 0.43 0.00
BETHLEHEM___GS2 323561	27.20 0.24 0.00	24.98 0.25 0.00	23.12 0.21 0.00	22.01 0.24 0.00	21.71 0.26 0.00	22.51 0.31 0.00	23.92 0.31 0.00	22.97 0.16 0.00	23.96 0.21 0.00	24.12 0.07 0.00	23.78 0.19 0.00	24.42 0.05 0.00	24.53 0.05 0.00	24.48 0.05 0.00	25.27 0.03 0.00	27.46 0.06 0.08	32.57 0.20 0.00	38.18 0.34 0.00	41.01 0.68 0.00	39.98 0.78 0.00	35.97 0.64 0.00	31.35 0.43 0.00	28.03 0.39 0.00	26.01 0.43 0.00
BETHLEHEM___GS3 323562	27.20 0.24 0.00	24.98 0.25 0.00	23.12 0.21 0.00	22.01 0.24 0.00	21.71 0.26 0.00	22.51 0.31 0.00	23.92 0.31 0.00	22.97 0.16 0.00	23.96 0.21 0.00	24.12 0.07 0.00	23.78 0.19 0.00	24.42 0.05 0.00	24.53 0.05 0.00	24.48 0.05 0.00	25.27 0.03 0.00	27.46 0.06 0.08	32.57 0.20 0.00	38.18 0.34 0.00	41.01 0.68 0.00	39.98 0.78 0.00	35.97 0.64 0.00	31.35 0.43 0.00	28.03 0.39 0.00	26.01 0.43 0.00
BETHLEHEM___STEEL 23779	27.72 0.75 0.00	25.30 0.57 0.00	23.33 0.41 0.00	21.92 0.15 0.00	21.64 0.19 0.00	22.49 0.29 0.00	23.87 0.26 0.00	23.52 0.71 0.00	24.29 0.55 0.00	24.82 0.77 0.00	24.45 0.85 0.00	25.66 1.29 0.00	25.60 1.13 0.00	25.72 1.29 0.00	26.46 1.21 0.00	28.75 1.26 0.00	33.06 0.68 0.00	38.14 0.30 0.00	41.01 0.69 0.00	38.49 -0.71 0.00	35.09 -0.25 0.00	30.88 -0.03 0.00	28.19 0.55 0.00	26.01 0.43 0.00
BETHLHEM_115KV_TB1 79974	27.28 0.32 0.00	25.06 0.32 0.00	23.17 0.25 0.00	22.05 0.28 0.00	21.75 0.30 0.00	22.55 0.36 0.00	23.97 0.35 0.00	23.01 0.21 0.00	23.96 0.21 0.00	24.19 0.14 0.00	23.83 0.24 0.00	24.49 0.12 0.00	24.57 0.10 0.00	24.55 0.12 0.00	25.34 0.10 0.00	27.55 0.14 0.08	32.67 0.29 0.00	38.29 0.45 0.00	41.09 0.77 0.00	39.86 0.67 0.00	36.04 0.71 0.00	31.47 0.56 0.00	28.11 0.47 0.00	26.09 0.51 0.00
BETHPAGE_CC_5 323564	29.15 1.89 -0.30	26.87 1.68 -0.45	24.70 1.47 -0.31	23.33 1.39 -0.16	22.83 1.37 0.00	25.53 1.42 -1.92	24.91 1.30 0.00	24.20 1.39 0.00	25.41 1.66 0.00	26.06 1.64 -0.38	29.06 1.84 -3.62	29.79 1.80 -3.62	29.79 1.88 -3.43	31.31 1.91 -4.97	30.72 1.97 -3.50	32.69 2.15 -3.05	36.14 2.56 -1.20	40.68 2.84 0.00	43.47 3.15 0.00	42.41 3.21 0.00	38.09 2.76 0.00	35.60 2.44 -2.24	30.84 2.21 -0.99	29.78 2.12 -2.08
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	27.82 0.86 0.00	25.40 0.67 0.00	23.44 0.53 0.00	22.01 0.24 0.00	21.73 0.28 0.00	22.60 0.40 0.00	23.99 0.38 0.00	23.63 0.82 0.00	24.39 0.64 0.00	24.94 0.89 0.00	24.56 0.97 0.00	25.78 1.41 0.00	25.72 1.25 0.00	25.85 1.42 0.00	26.61 1.36 0.00	28.92 1.43 0.00	33.25 0.87 0.00	38.37 0.53 0.00	41.25 0.93 0.00	38.69 -0.51 0.00	35.26 -0.07 0.00	31.04 0.12 0.00	28.33 0.69 0.00	26.11 0.54 0.00



BINGHAMTON___COGEN 23790	27.47 0.51 0.00	25.16 0.42 0.00	23.26 0.34 0.00	22.01 0.24 0.00	21.71 0.26 0.00	22.49 0.29 0.00	23.94 0.33 0.00	23.29 0.48 0.00	24.13 0.38 0.00	24.56 0.51 0.00	24.09 0.50 0.00	25.00 0.63 0.00	25.09 0.61 0.00	25.06 0.64 0.00	25.90 0.66 0.00	28.17 0.69 0.00	32.99 0.62 0.00	38.48 0.64 0.00	41.17 0.85 0.00	39.55 0.35 0.00	35.79 0.46 0.00	31.44 0.53 0.00	28.19 0.55 0.00	26.20 0.46 -0.17
BIXINCNT_115KV_LOAD 355685	28.17 1.21 0.00	25.73 0.99 0.00	23.74 0.83 0.00	22.29 0.52 0.00	22.03 0.58 0.00	22.88 0.69 0.00	24.32 0.71 0.00	23.97 1.16 0.00	24.75 1.00 0.00	25.30 1.25 0.00	24.96 1.37 0.00	26.10 1.73 0.00	26.14 1.66 0.00	26.29 1.86 0.00	27.04 1.79 0.00	29.41 1.92 0.00	33.90 1.52 0.00	39.05 1.21 0.00	42.02 1.69 0.00	39.24 0.04 0.00	35.62 0.28 0.00	31.38 0.46 0.00	28.55 0.91 0.00	26.24 0.67 0.00
BLACK RIVER___HYD 24047	27.45 0.49 0.00	25.16 0.42 0.00	23.28 0.37 0.00	22.10 0.33 0.00	21.77 0.32 0.00	22.51 0.31 0.00	23.99 0.38 0.00	23.33 0.52 0.00	24.06 0.31 0.00	24.43 0.38 0.00	23.74 0.14 0.00	24.52 0.15 0.00	24.57 0.10 0.00	24.48 0.05 0.00	25.32 0.08 0.00	27.65 0.17 0.00	32.57 0.20 0.00	38.26 0.42 0.00	41.21 0.89 0.00	40.14 0.94 0.00	36.11 0.78 0.00	31.69 0.77 0.00	28.06 0.42 0.00	26.14 0.20 -0.36
BLACKRVR_115KV_TB2 79977	27.45 0.49 0.00	25.16 0.42 0.00	23.28 0.37 0.00	22.10 0.33 0.00	21.77 0.32 0.00	22.51 0.31 0.00	23.99 0.38 0.00	23.33 0.52 0.00	24.10 0.36 0.00	24.44 0.38 0.00	23.74 0.14 0.00	24.51 0.15 0.00	24.57 0.10 0.00	24.48 0.05 0.00	25.32 0.08 0.00	27.65 0.16 0.00	32.57 0.19 0.00	38.26 0.42 0.00	41.21 0.89 0.00	40.10 0.90 0.00	36.11 0.78 0.00	31.66 0.74 0.00	28.06 0.41 0.00	26.14 0.20 -0.36
BLISS_WT_PWR 323608	28.18 1.21 0.00	25.73 0.99 0.00	23.74 0.82 0.00	22.31 0.54 0.00	22.03 0.58 0.00	22.89 0.69 0.00	24.32 0.71 0.00	24.02 1.21 0.00	24.72 0.97 0.00	25.30 1.25 0.00	24.99 1.39 0.00	26.10 1.73 0.00	26.14 1.67 0.00	26.31 1.88 0.00	27.04 1.79 0.00	29.41 1.92 0.00	33.93 1.55 0.00	39.09 1.25 0.00	42.02 1.69 0.00	39.67 0.47 0.00	35.58 0.25 0.00	31.69 0.77 0.00	28.50 0.86 0.00	26.32 0.74 0.00
BLUESTONE___WT_PWR 323821	28.85 1.89 0.00	26.39 1.66 0.00	24.41 1.49 0.00	23.12 1.35 0.00	22.83 1.37 0.00	23.60 1.40 0.00	25.13 1.51 0.00	24.52 1.71 0.00	25.27 1.52 0.00	25.83 1.78 0.00	25.20 1.61 0.00	26.05 1.68 0.00	26.19 1.71 0.00	26.11 1.68 0.00	26.96 1.72 0.00	29.44 1.95 0.00	34.48 2.10 0.00	40.38 2.54 0.00	43.67 3.35 0.00	42.41 3.21 0.00	38.02 2.68 0.00	33.42 2.50 0.00	29.80 2.16 0.00	27.51 1.79 -0.14
BLUE_CIRC_CHEM_DRP 24182	27.61 0.65 0.00	25.38 0.64 0.00	23.47 0.55 0.00	22.31 0.54 0.00	22.01 0.56 0.00	22.82 0.62 0.00	24.20 0.59 0.00	23.22 0.41 0.00	24.15 0.40 0.00	24.34 0.29 0.00	23.90 0.31 0.00	24.56 0.19 0.00	24.65 0.17 0.00	24.58 0.15 0.00	25.42 0.18 0.00	27.70 0.27 0.06	32.86 0.49 0.00	38.60 0.76 0.00	41.49 1.17 0.00	40.29 1.10 0.00	36.39 1.06 0.00	31.78 0.87 0.00	28.42 0.77 0.00	26.37 0.79 0.00
BOC_GAS_DRP 24189	27.45 0.49 0.00	25.21 0.47 0.00	23.33 0.41 0.00	22.18 0.41 0.00	21.88 0.43 0.00	22.66 0.47 0.00	24.09 0.47 0.00	23.17 0.36 0.00	24.10 0.36 0.00	24.36 0.31 0.00	24.00 0.40 0.00	24.71 0.34 0.00	24.82 0.34 0.00	24.77 0.34 0.00	25.60 0.35 0.00	27.85 0.41 0.05	32.96 0.58 0.00	38.56 0.72 0.00	41.29 0.97 0.00	40.06 0.86 0.00	36.22 0.88 0.00	31.66 0.74 0.00	28.28 0.64 0.00	26.24 0.67 0.00
BOONVILLE_115KV_TB1 79983	27.66 0.70 0.00	25.38 0.64 0.00	23.49 0.57 0.00	22.29 0.52 0.00	21.99 0.54 0.00	22.73 0.53 0.00	24.20 0.59 0.00	23.47 0.66 0.00	24.32 0.57 0.00	24.70 0.65 0.00	24.12 0.52 0.00	24.86 0.49 0.00	24.97 0.49 0.00	24.89 0.46 0.00	25.72 0.48 0.00	28.06 0.58 0.00	32.99 0.62 0.00	38.67 0.83 0.00	41.54 1.21 0.00	40.37 1.18 0.00	36.39 1.06 0.00	31.87 0.96 0.00	28.30 0.66 0.00	26.18 0.49 -0.11
BORALEX_4TH_BRANCH 23824	28.17 1.21 0.00	25.95 1.21 0.00	23.99 1.08 0.00	22.84 1.07 0.00	22.50 1.05 0.00	23.35 1.15 0.00	24.77 1.16 0.00	23.74 0.94 0.00	24.70 0.95 0.00	24.82 0.77 0.00	24.47 0.87 0.00	25.20 0.83 0.00	25.33 0.86 0.00	25.26 0.83 0.00	26.13 0.88 0.00	28.22 0.93 0.20	33.70 1.33 0.00	39.58 1.74 0.00	42.58 2.26 0.00	41.19 2.00 0.00	37.31 1.98 0.00	32.52 1.61 0.00	29.05 1.41 0.00	27.14 1.56 0.00
BOWLINE___1 23526	28.12 1.16 0.00	25.75 1.01 0.00	23.77 0.85 0.00	22.58 0.81 0.00	22.25 0.79 0.00	23.02 0.82 0.00	24.49 0.87 0.00	23.67 0.87 0.00	24.77 1.02 0.00	25.01 0.96 0.00	24.80 1.20 0.00	25.54 1.17 0.00	25.72 1.25 0.00	25.67 1.25 0.00	26.56 1.31 0.00	29.01 1.43 -0.09	34.16 1.78 0.00	39.81 1.97 0.00	42.54 2.22 0.00	41.47 2.27 0.00	37.28 1.94 0.00	32.65 1.73 0.00	29.16 1.52 0.00	26.98 1.41 0.00
BOWLINE___2 23595	28.12 1.16 0.00	25.75 1.01 0.00	23.77 0.85 0.00	22.58 0.81 0.00	22.25 0.79 0.00	23.02 0.82 0.00	24.49 0.87 0.00	23.67 0.87 0.00	24.77 1.02 0.00	25.01 0.96 0.00	24.80 1.20 0.00	25.54 1.17 0.00	25.72 1.25 0.00	25.67 1.25 0.00	26.56 1.31 0.00	29.01 1.43 -0.09	34.16 1.78 0.00	39.81 1.97 0.00	42.54 2.22 0.00	41.47 2.27 0.00	37.28 1.94 0.00	32.65 1.73 0.00	29.16 1.52 0.00	26.98 1.41 0.00
BRADY___115KV_TB2 356060	27.01 0.05 0.00	24.83 0.10 0.00	23.01 0.09 0.00	21.90 0.13 0.00	21.54 0.09 0.00	22.20 0.00 0.00	23.73 0.12 0.00	22.88 0.07 0.00	23.77 0.02 0.00	24.15 0.10 0.00	23.62 0.02 0.00	24.37 0.00 0.00	24.38 -0.10 0.00	24.23 -0.20 0.00	25.07 -0.18 0.00	27.24 -0.25 0.00	32.18 -0.19 0.00	37.69 -0.15 0.00	39.92 -0.40 0.00	39.16 -0.04 0.00	35.16 -0.18 0.00	30.64 -0.28 0.00	27.31 -0.33 0.00	25.35 -0.23 0.00
BRANSCOMB___SOLAR 323811	28.39 1.43 0.00	26.07 1.33 0.00	24.09 1.17 0.00	22.88 1.11 0.00	22.55 1.09 0.00	23.37 1.18 0.00	24.82 1.20 0.00	23.77 0.96 0.00	24.82 1.07 0.00	24.99 0.94 0.00	24.59 0.99 0.00	25.29 0.93 0.00	25.33 0.86 0.00	25.26 0.83 0.00	26.15 0.91 0.00	28.45 1.07 0.11	33.84 1.46 0.00	39.81 1.97 0.00	42.91 2.58 0.00	41.82 2.63 0.00	37.60 2.26 0.00	32.71 1.79 0.00	29.27 1.63 0.00	27.14 1.56 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	29.23 1.97 -0.30	26.92 1.73 -0.45	24.74 1.51 -0.31	23.39 1.46 -0.16	22.87 1.42 0.00	25.58 1.46 -1.92	24.89 1.28 0.00	24.27 1.46 0.00	25.20 1.45 0.00	26.09 1.66 -0.38	29.08 1.86 -3.62	29.84 1.85 -3.62	29.84 1.93 -3.43	31.28 1.88 -4.97	30.74 1.99 -3.50	32.66 2.12 -3.05	36.36 2.78 -1.20	41.06 3.22 0.00	43.79 3.47 0.00	42.37 3.17 0.00	38.27 2.93 0.00	35.78 2.63 -2.24	30.89 2.27 -0.99	29.81 2.15 -2.08



BRISTLHL_115KV_TB1 79998	26.66 -0.30 0.00	24.44 -0.30 0.00	22.64 -0.28 0.00	21.51 -0.26 0.00	21.19 -0.26 0.00	21.93 -0.27 0.00	23.33 -0.28 0.00	22.63 -0.18 0.00	23.49 -0.26 0.00	23.81 -0.24 0.00	23.24 -0.35 0.00	24.08 -0.29 0.00	24.18 -0.29 0.00	24.14 -0.29 0.00	24.94 -0.30 0.00	27.16 -0.33 0.00	31.86 -0.52 0.00	37.27 -0.57 0.00	39.88 -0.44 0.00	38.57 -0.63 0.00	34.80 -0.53 0.00	30.48 -0.43 0.00	27.31 -0.33 0.00	25.94 -0.41 -0.78
BROOKHAVEN___DRP 24191	28.37 1.11 -0.30	26.16 0.96 -0.45	24.01 0.78 -0.31	22.78 0.85 -0.16	22.27 0.82 0.00	24.89 0.78 -1.92	24.11 0.50 0.00	23.61 0.80 0.00	24.39 0.64 0.00	25.34 0.91 -0.38	28.33 1.11 -3.62	29.06 1.07 -3.62	29.06 1.15 -3.43	30.57 1.17 -4.97	29.96 1.21 -3.50	31.86 1.32 -3.05	35.81 2.23 -1.20	40.57 2.72 0.00	43.03 2.70 0.00	41.63 2.43 0.00	37.52 2.19 0.00	35.04 1.89 -2.24	30.07 1.44 -0.99	29.01 1.36 -2.08
BROOKLYN_NAVY_YARD 23515	28.55 1.59 0.00	26.10 1.36 0.00	24.04 1.12 0.00	22.86 1.09 0.00	22.52 1.07 0.00	23.28 1.09 0.00	24.79 1.18 0.00	23.97 1.16 0.00	25.13 1.38 0.00	25.44 1.39 0.00	25.27 1.68 0.00	26.03 1.66 0.00	26.21 1.74 0.00	26.19 1.76 0.00	27.06 1.82 0.00	29.54 1.95 -0.10	34.74 2.36 0.00	40.41 2.57 0.00	43.19 2.86 0.00	42.14 2.94 0.00	37.91 2.58 0.00	33.20 2.29 0.00	29.63 1.99 0.00	27.39 1.82 0.00
BROOKLYN___ARMY_DRP 323595	28.79 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	24.91 1.16 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	41.86 2.67 0.00	37.95 2.61 0.00	33.23 2.32 0.00	29.71 2.07 0.00	27.52 1.94 0.00
BROOKVLE_69_KV_TB1 55790	29.34 2.08 -0.30	27.05 1.86 -0.45	24.83 1.60 -0.31	23.46 1.52 -0.16	22.93 1.48 0.00	25.67 1.55 -1.92	25.05 1.44 0.00	24.36 1.55 0.00	25.34 1.59 0.00	26.23 1.80 -0.38	29.27 2.05 -3.62	30.04 2.05 -3.62	30.04 2.13 -3.43	31.55 2.15 -4.97	30.97 2.22 -3.50	32.99 2.45 -3.05	36.53 2.95 -1.20	41.02 3.18 0.00	43.83 3.51 0.00	42.41 3.21 0.00	38.58 3.25 0.00	36.06 2.91 -2.24	31.12 2.49 -0.99	29.93 2.28 -2.08
BROOME_2_LFGE 323671	27.47 0.51 0.00	25.16 0.42 0.00	23.26 0.34 0.00	22.03 0.26 0.00	21.71 0.26 0.00	22.48 0.29 0.00	23.94 0.33 0.00	23.29 0.48 0.00	24.13 0.38 0.00	24.56 0.51 0.00	24.09 0.50 0.00	25.00 0.63 0.00	25.09 0.61 0.00	25.06 0.63 0.00	25.90 0.66 0.00	28.20 0.71 0.00	32.99 0.61 0.00	38.48 0.64 0.00	41.17 0.85 0.00	39.78 0.59 0.00	35.79 0.46 0.00	31.50 0.59 0.00	28.19 0.55 0.00	26.23 0.48 -0.17
BROOME___LFGE 323600	27.47 0.51 0.00	25.16 0.42 0.00	23.26 0.34 0.00	22.03 0.26 0.00	21.71 0.26 0.00	22.48 0.29 0.00	23.94 0.33 0.00	23.29 0.48 0.00	24.13 0.38 0.00	24.56 0.51 0.00	24.09 0.50 0.00	25.00 0.63 0.00	25.09 0.61 0.00	25.06 0.63 0.00	25.90 0.66 0.00	28.20 0.71 0.00	32.99 0.61 0.00	38.48 0.64 0.00	41.17 0.85 0.00	39.78 0.59 0.00	35.79 0.46 0.00	31.50 0.59 0.00	28.19 0.55 0.00	26.23 0.48 -0.17
BROWNFLS_115KV_TB_3_5 80003	27.10 0.13 0.00	24.88 0.15 0.00	23.05 0.14 0.00	21.92 0.15 0.00	21.58 0.13 0.00	22.26 0.07 0.00	23.78 0.17 0.00	23.01 0.21 0.00	23.87 0.12 0.00	24.24 0.19 0.00	23.67 0.07 0.00	24.42 0.05 0.00	24.40 -0.07 0.00	24.23 -0.20 0.00	25.04 -0.20 0.00	27.24 -0.25 0.00	32.09 -0.29 0.00	37.58 -0.26 0.00	40.12 -0.20 0.00	39.20 0.00 0.00	35.30 -0.04 0.00	30.85 -0.06 0.00	27.36 -0.28 0.00	25.47 -0.26 -0.15
BROWNSV1_27_KV_LOAD 356125	28.77 1.81 0.00	26.32 1.58 0.00	24.22 1.31 0.00	23.05 1.28 0.00	22.70 1.24 0.00	23.44 1.24 0.00	24.96 1.35 0.00	24.15 1.35 0.00	25.20 1.45 0.00	25.64 1.59 0.00	25.46 1.86 0.00	26.22 1.85 0.00	26.43 1.96 0.00	26.38 1.95 0.00	27.26 2.02 0.00	29.76 2.17 -0.10	35.06 2.69 0.00	40.75 2.91 0.00	43.55 3.23 0.00	42.17 2.98 0.00	38.27 2.93 0.00	33.48 2.57 0.00	29.85 2.21 0.00	27.62 2.05 0.00
BURROWS___LYONSDAL 23803	27.61 0.65 0.00	25.33 0.59 0.00	23.44 0.53 0.00	22.27 0.50 0.00	21.95 0.49 0.00	22.68 0.49 0.00	24.16 0.54 0.00	23.42 0.62 0.00	24.27 0.52 0.00	24.65 0.60 0.00	24.04 0.45 0.00	24.78 0.41 0.00	24.89 0.42 0.00	24.80 0.37 0.00	25.65 0.40 0.00	27.98 0.49 0.00	32.90 0.52 0.00	38.56 0.72 0.00	41.45 1.13 0.00	40.29 1.10 0.00	36.32 0.99 0.00	31.81 0.90 0.00	28.17 0.53 0.00	26.07 0.36 -0.13
CAITHNESS_CC_1 323624	28.45 1.18 -0.30	26.18 0.99 -0.45	24.08 0.85 -0.31	22.85 0.91 -0.16	22.33 0.88 0.00	24.96 0.84 -1.92	24.20 0.59 0.00	23.56 0.75 0.00	24.75 1.00 0.00	25.39 0.96 -0.38	28.42 1.20 -3.62	29.16 1.17 -3.62	29.13 1.22 -3.43	30.64 1.25 -4.97	30.03 1.29 -3.50	31.92 1.37 -3.05	35.85 2.27 -1.20	40.57 2.73 0.00	43.03 2.70 0.00	42.02 2.82 0.00	37.53 2.19 0.00	35.04 1.89 -2.24	30.12 1.49 -0.99	29.06 1.41 -2.08
CALPINE BETH_PAGE_GT4 24209	29.21 1.94 -0.30	26.92 1.73 -0.45	24.74 1.51 -0.31	23.39 1.46 -0.16	22.87 1.42 0.00	25.58 1.46 -1.92	24.96 1.35 0.00	24.27 1.46 0.00	25.24 1.50 0.00	26.11 1.68 -0.38	29.08 1.86 -3.62	29.82 1.83 -3.62	29.79 1.88 -3.43	31.31 1.91 -4.97	30.71 1.97 -3.50	32.69 2.14 -3.05	36.11 2.53 -1.20	40.68 2.84 0.00	43.43 3.11 0.00	42.06 2.86 0.00	38.09 2.76 0.00	35.63 2.47 -2.24	30.84 2.21 -0.99	29.75 2.10 -2.08
CALPINE_BETH_PAGE_GT_4 323586	29.21 1.94 -0.30	26.95 1.76 -0.45	24.74 1.51 -0.31	23.37 1.44 -0.16	22.87 1.42 0.00	25.58 1.46 -1.92	24.96 1.35 0.00	24.25 1.44 0.00	25.46 1.71 0.00	26.11 1.68 -0.38	29.08 1.86 -3.62	29.82 1.83 -3.62	29.79 1.88 -3.43	31.31 1.91 -4.97	30.72 1.97 -3.50	32.69 2.15 -3.05	36.11 2.53 -1.20	40.68 2.84 0.00	43.43 3.11 0.00	42.41 3.21 0.00	38.09 2.76 0.00	35.57 2.41 -2.24	30.84 2.21 -0.99	29.76 2.10 -2.08
CALPINE_BP_GT1 23823	29.21 1.94 -0.30	26.95 1.76 -0.45	24.74 1.51 -0.31	23.37 1.44 -0.16	22.87 1.42 0.00	25.58 1.46 -1.92	24.96 1.35 0.00	24.25 1.44 0.00	25.46 1.71 0.00	26.11 1.68 -0.38	29.08 1.86 -3.62	29.82 1.83 -3.62	29.79 1.88 -3.43	31.31 1.91 -4.97	30.72 1.97 -3.50	32.69 2.15 -3.05	36.11 2.53 -1.20	40.68 2.84 0.00	43.43 3.11 0.00	42.41 3.21 0.00	38.09 2.76 0.00	35.57 2.41 -2.24	30.84 2.21 -0.99	29.76 2.10 -2.08
CALSPAN___DRP 24200	27.72 0.75 0.00	25.30 0.57 0.00	23.33 0.41 0.00	21.92 0.15 0.00	21.64 0.19 0.00	22.49 0.29 0.00	23.87 0.26 0.00	23.52 0.71 0.00	24.29 0.55 0.00	24.82 0.77 0.00	24.45 0.85 0.00	25.66 1.29 0.00	25.60 1.13 0.00	25.72 1.29 0.00	26.46 1.21 0.00	28.75 1.26 0.00	33.06 0.68 0.00	38.14 0.30 0.00	41.01 0.69 0.00	38.49 -0.71 0.00	35.09 -0.25 0.00	30.88 -0.03 0.00	28.19 0.55 0.00	26.01 0.43 0.00



CALVERTON___SOLAR 323806	28.31 1.05 -0.30	26.03 0.84 -0.45	23.94 0.71 -0.31	22.74 0.81 -0.16	22.22 0.77 0.00	24.84 0.73 -1.92	24.04 0.43 0.00	23.42 0.62 0.00	24.60 0.85 0.00	25.22 0.79 -0.38	28.28 1.06 -3.62	29.01 1.02 -3.62	28.99 1.08 -3.43	30.52 1.12 -4.97	29.91 1.16 -3.50	31.81 1.27 -3.05	35.85 2.27 -1.20	40.60 2.76 0.00	43.03 2.70 0.00	42.02 2.82 0.00	37.49 2.16 0.00	34.95 1.79 -2.24	30.01 1.38 -0.99	28.94 1.28 -2.08
CANDIGU_WT_PWR 323617	27.61 0.65 0.00	25.23 0.49 0.00	23.28 0.37 0.00	21.94 0.17 0.00	21.64 0.19 0.00	22.46 0.27 0.00	23.92 0.31 0.00	23.47 0.66 0.00	24.20 0.45 0.00	24.72 0.67 0.00	24.28 0.68 0.00	25.37 1.00 0.00	25.38 0.91 0.00	25.43 1.00 0.00	26.23 0.98 0.00	28.53 1.04 0.00	33.09 0.71 0.00	38.41 0.57 0.00	41.17 0.85 0.00	39.39 0.20 0.00	35.44 0.11 0.00	31.38 0.46 0.00	28.17 0.52 0.00	26.18 0.51 -0.09
CARR STREET_E_SYR 24060	26.80 -0.16 0.00	24.56 -0.17 0.00	22.76 -0.16 0.00	21.60 -0.17 0.00	21.28 -0.17 0.00	22.04 -0.15 0.00	23.45 -0.16 0.00	22.74 -0.07 0.00	23.56 -0.19 0.00	23.93 -0.12 0.00	23.38 -0.21 0.00	24.25 -0.12 0.00	24.35 -0.12 0.00	24.31 -0.12 0.00	25.12 -0.13 0.00	27.35 -0.14 0.00	32.05 -0.32 0.00	37.50 -0.34 0.00	40.12 -0.20 0.00	38.88 -0.31 0.00	34.98 -0.35 0.00	30.70 -0.21 0.00	27.48 -0.16 0.00	25.61 -0.21 -0.24
CARTHAGE___PAPER 23857	27.34 0.38 0.00	25.08 0.35 0.00	23.21 0.30 0.00	22.03 0.26 0.00	21.71 0.26 0.00	22.44 0.24 0.00	23.92 0.31 0.00	23.22 0.41 0.00	24.01 0.26 0.00	24.36 0.31 0.00	23.71 0.12 0.00	24.44 0.07 0.00	24.50 0.02 0.00	24.38 -0.05 0.00	25.24 0.00 0.00	27.54 0.06 0.00	32.47 0.10 0.00	38.11 0.27 0.00	40.97 0.64 0.00	39.94 0.74 0.00	35.97 0.64 0.00	31.50 0.59 0.00	27.84 0.19 0.00	25.91 0.03 -0.30
CASSADAGA_WT_PWR 323784	28.63 1.67 0.00	26.10 1.36 0.00	24.06 1.15 0.00	22.60 0.83 0.00	22.31 0.86 0.00	23.20 1.00 0.00	24.68 1.06 0.00	24.38 1.57 0.00	25.03 1.28 0.00	25.69 1.64 0.00	25.37 1.77 0.00	26.63 2.27 0.00	26.60 2.13 0.00	26.77 2.35 0.00	27.56 2.32 0.00	29.96 2.47 0.00	34.55 2.17 0.00	39.77 1.93 0.00	42.79 2.46 0.00	40.33 1.14 0.00	36.22 0.88 0.00	32.00 1.08 0.00	28.66 1.02 0.00	26.29 0.72 0.00
CE_DUNWOOD___DRP 24194	28.39 1.43 0.00	26.00 1.26 0.00	23.97 1.05 0.00	22.79 1.02 0.00	22.46 1.01 0.00	23.22 1.02 0.00	24.70 1.09 0.00	23.86 1.05 0.00	24.86 1.12 0.00	25.25 1.20 0.00	25.04 1.44 0.00	25.78 1.41 0.00	25.97 1.49 0.00	25.92 1.49 0.00	26.78 1.54 0.00	29.26 1.68 0.00	34.45 2.07 0.00	40.15 2.31 0.00	42.91 2.58 0.00	41.55 2.35 0.00	37.67 2.33 0.00	32.99 2.07 0.00	29.41 1.77 0.00	27.24 1.66 0.00
CE_MILLWOOD___DRP 24193	28.28 1.32 0.00	25.90 1.16 0.00	23.90 0.99 0.00	22.71 0.94 0.00	22.37 0.92 0.00	23.13 0.93 0.00	24.61 0.99 0.00	23.79 0.98 0.00	24.79 1.04 0.00	25.13 1.08 0.00	24.92 1.32 0.00	25.66 1.29 0.00	25.85 1.37 0.00	25.80 1.37 0.00	26.68 1.44 0.00	29.12 1.54 -0.10	34.32 1.94 0.00	40.00 2.16 0.00	42.74 2.42 0.00	41.39 2.19 0.00	37.49 2.16 0.00	32.83 1.92 0.00	29.30 1.66 0.00	27.11 1.53 0.00
CE_NYC2_DRP 24202	28.63 1.67 0.00	26.20 1.46 0.00	24.09 1.17 0.00	22.95 1.18 0.00	22.59 1.14 0.00	23.26 1.07 0.00	24.72 1.11 0.00	23.90 1.09 0.00	24.94 1.19 0.00	25.37 1.32 0.00	25.20 1.60 0.00	25.98 1.61 0.00	26.16 1.69 0.00	26.11 1.69 0.00	26.99 1.74 0.00	29.45 1.87 -0.10	34.68 2.30 0.00	40.34 2.50 0.00	43.11 2.78 0.00	41.78 2.59 0.00	37.88 2.54 0.00	33.17 2.26 0.00	29.60 1.96 0.00	27.42 1.84 0.00
CE_NYC_DRP 24195	28.61 1.64 0.00	26.17 1.43 0.00	24.11 1.19 0.00	22.92 1.15 0.00	22.57 1.12 0.00	23.33 1.13 0.00	24.84 1.23 0.00	24.02 1.21 0.00	25.05 1.31 0.00	25.47 1.42 0.00	25.30 1.70 0.00	26.05 1.68 0.00	26.24 1.76 0.00	26.21 1.78 0.00	27.09 1.84 0.00	29.56 1.98 -0.10	34.81 2.43 0.00	40.45 2.61 0.00	43.23 2.90 0.00	41.86 2.67 0.00	37.98 2.65 0.00	33.26 2.35 0.00	29.66 2.02 0.00	27.44 1.87 0.00
CHAFFEE___LFGE 323603	27.77 0.81 0.00	25.35 0.62 0.00	23.38 0.46 0.00	21.97 0.20 0.00	21.69 0.24 0.00	22.53 0.33 0.00	23.94 0.33 0.00	23.61 0.80 0.00	24.32 0.57 0.00	24.91 0.86 0.00	24.54 0.94 0.00	25.76 1.39 0.00	25.68 1.20 0.00	25.82 1.39 0.00	26.58 1.34 0.00	28.86 1.37 0.00	33.25 0.87 0.00	38.33 0.49 0.00	41.25 0.93 0.00	39.04 -0.16 0.00	35.26 -0.07 0.00	31.41 0.49 0.00	28.30 0.66 0.00	26.24 0.66 0.00
CHATEAUG_35_KV_LOAD 355732	27.50 0.54 0.00	25.33 0.59 0.00	23.51 0.60 0.00	22.40 0.63 0.00	21.99 0.54 0.00	22.71 0.51 0.00	24.37 0.76 0.00	23.47 0.66 0.00	24.44 0.69 0.00	24.84 0.79 0.00	24.33 0.73 0.00	25.10 0.73 0.00	25.11 0.64 0.00	25.04 0.61 0.00	25.87 0.63 0.00	28.15 0.66 0.00	33.48 1.10 0.00	39.05 1.21 0.00	41.17 0.85 0.00	39.98 0.78 0.00	35.79 0.46 0.00	30.85 -0.06 0.00	27.48 -0.17 0.00	25.35 -0.23 0.00
CHATEAUG_WT_PWR 323614	27.18 0.21 0.00	25.06 0.32 0.00	23.26 0.34 0.00	22.18 0.41 0.00	21.79 0.34 0.00	22.51 0.31 0.00	24.13 0.52 0.00	23.22 0.41 0.00	24.22 0.47 0.00	24.63 0.58 0.00	24.11 0.52 0.00	24.86 0.49 0.00	24.87 0.39 0.00	24.80 0.37 0.00	25.62 0.38 0.00	27.84 0.36 0.00	33.02 0.65 0.00	38.52 0.68 0.00	40.57 0.24 0.00	39.04 -0.16 0.00	35.16 -0.18 0.00	30.33 -0.59 0.00	27.06 -0.58 0.00	24.91 -0.67 0.00
CHAT_HIGH_FALL_HYD 323578	27.50 0.54 0.00	25.33 0.59 0.00	23.51 0.60 0.00	22.40 0.63 0.00	21.99 0.54 0.00	22.71 0.51 0.00	24.37 0.76 0.00	23.47 0.66 0.00	24.44 0.69 0.00	24.84 0.79 0.00	24.33 0.73 0.00	25.10 0.73 0.00	25.11 0.64 0.00	25.04 0.61 0.00	25.87 0.63 0.00	28.15 0.66 0.00	33.48 1.10 0.00	39.05 1.21 0.00	41.17 0.85 0.00	39.98 0.78 0.00	35.79 0.46 0.00	30.85 -0.06 0.00	27.48 -0.17 0.00	25.35 -0.23 0.00
CHAUTAUQUA___LFGE 323629	28.18 1.21 0.00	25.73 0.99 0.00	23.72 0.80 0.00	22.27 0.50 0.00	21.99 0.54 0.00	22.84 0.64 0.00	24.30 0.69 0.00	23.99 1.19 0.00	24.70 0.95 0.00	25.30 1.25 0.00	24.96 1.37 0.00	26.20 1.83 0.00	26.14 1.67 0.00	26.28 1.86 0.00	27.06 1.82 0.00	29.41 1.92 0.00	33.90 1.52 0.00	39.09 1.25 0.00	42.02 1.69 0.00	39.74 0.55 0.00	35.79 0.46 0.00	31.75 0.84 0.00	28.53 0.88 0.00	26.32 0.74 0.00
CHERRYST_13_KV_LD 356241	28.66 1.70 0.00	26.22 1.48 0.00	24.15 1.24 0.00	22.97 1.20 0.00	22.63 1.18 0.00	23.37 1.18 0.00	24.89 1.28 0.00	24.09 1.28 0.00	25.13 1.38 0.00	25.54 1.49 0.00	25.37 1.77 0.00	26.12 1.75 0.00	26.31 1.84 0.00	26.29 1.86 0.00	27.16 1.92 0.00	29.65 2.06 -0.10	34.90 2.53 0.00	40.57 2.72 0.00	43.35 3.02 0.00	41.98 2.78 0.00	38.09 2.76 0.00	33.36 2.44 0.00	29.74 2.10 0.00	27.50 1.92 0.00



CHESTROR_138KV_BK263 355645	27.99 1.02 0.00	25.63 0.89 0.00	23.67 0.76 0.00	22.49 0.72 0.00	22.16 0.71 0.00	22.93 0.73 0.00	24.39 0.78 0.00	23.56 0.75 0.00	24.53 0.78 0.00	24.84 0.79 0.00	24.59 0.99 0.00	25.32 0.95 0.00	25.50 1.03 0.00	25.45 1.03 0.00	26.33 1.09 0.00	28.75 1.18 -0.08	33.87 1.49 0.00	39.51 1.66 0.00	42.26 1.94 0.00	40.92 1.72 0.00	37.03 1.70 0.00	32.46 1.55 0.00	28.94 1.30 0.00	26.81 1.23 0.00
CH_MIDHUDSON___DRP 24192	28.20 1.24 0.00	25.85 1.11 0.00	23.90 0.99 0.00	22.71 0.94 0.00	22.37 0.92 0.00	23.15 0.95 0.00	24.61 0.99 0.00	23.72 0.91 0.00	24.70 0.95 0.00	24.99 0.94 0.00	24.75 1.16 0.00	25.46 1.10 0.00	25.68 1.20 0.00	25.60 1.17 0.00	26.48 1.24 0.00	28.90 1.35 -0.07	34.06 1.68 0.00	39.81 1.97 0.00	42.62 2.30 0.00	41.31 2.12 0.00	37.38 2.05 0.00	32.71 1.79 0.00	29.19 1.55 0.00	27.06 1.48 0.00
CH_MISC_IPPS 23765	28.34 1.37 0.00	25.95 1.21 0.00	23.99 1.08 0.00	22.77 1.00 0.00	22.46 1.01 0.00	23.22 1.02 0.00	24.70 1.09 0.00	23.79 0.98 0.00	24.89 1.14 0.00	25.06 1.01 0.00	24.82 1.23 0.00	25.54 1.17 0.00	25.75 1.27 0.00	25.67 1.25 0.00	26.58 1.34 0.00	29.05 1.48 -0.08	34.19 1.81 0.00	40.00 2.16 0.00	42.87 2.54 0.00	41.78 2.59 0.00	37.56 2.23 0.00	32.83 1.92 0.00	29.33 1.69 0.00	27.16 1.59 0.00
CH_RES_BVR_FALLS 23983	26.45 -0.51 0.00	24.29 -0.44 0.00	22.53 -0.39 0.00	21.42 -0.35 0.00	21.11 -0.34 0.00	21.82 -0.38 0.00	23.26 -0.35 0.00	22.47 -0.34 0.00	23.46 -0.28 0.00	23.83 -0.22 0.00	23.38 -0.21 0.00	24.12 -0.24 0.00	24.21 -0.27 0.00	24.16 -0.27 0.00	24.94 -0.30 0.00	27.16 -0.33 0.00	32.02 -0.36 0.00	37.43 -0.42 0.00	39.64 -0.69 0.00	38.41 -0.78 0.00	34.56 -0.78 0.00	30.02 -0.90 0.00	26.76 -0.89 0.00	24.71 -0.87 0.00
CH_RES_NIAGARA 23895	26.69 -0.27 0.00	24.49 -0.25 0.00	22.60 -0.32 0.00	21.23 -0.54 0.00	20.98 -0.47 0.00	21.80 -0.40 0.00	23.00 -0.61 0.00	22.67 -0.14 0.00	23.42 -0.33 0.00	23.93 -0.12 0.00	23.50 -0.09 0.00	24.71 0.34 0.00	24.57 0.10 0.00	24.65 0.22 0.00	25.37 0.13 0.00	27.51 0.03 0.00	31.57 -0.81 0.00	36.44 -1.40 0.00	39.16 -1.17 0.00	36.81 -2.39 0.00	33.57 -1.77 0.00	29.62 -1.30 0.00	27.12 -0.53 0.00	25.07 -0.51 0.00
CH_RES_SYRACUSE 23985	26.93 -0.03 0.00	24.69 -0.05 0.00	22.87 -0.05 0.00	21.70 -0.07 0.00	21.39 -0.06 0.00	22.13 -0.07 0.00	23.57 -0.05 0.00	22.85 0.05 0.00	23.65 -0.09 0.00	24.05 0.00 0.00	23.48 -0.12 0.00	24.34 -0.02 0.00	24.45 -0.02 0.00	24.43 0.00 0.00	25.22 -0.03 0.00	27.46 -0.03 0.00	32.18 -0.19 0.00	37.65 -0.19 0.00	40.29 -0.04 0.00	39.08 -0.12 0.00	35.16 -0.18 0.00	30.82 -0.09 0.00	27.59 -0.06 0.00	25.91 -0.10 -0.44
CLINTON_WT_PWR 323605	27.18 0.21 0.00	25.06 0.32 0.00	23.26 0.34 0.00	22.18 0.41 0.00	21.79 0.34 0.00	22.51 0.31 0.00	24.13 0.52 0.00	23.22 0.41 0.00	24.22 0.47 0.00	24.63 0.58 0.00	24.11 0.52 0.00	24.86 0.49 0.00	24.87 0.39 0.00	24.80 0.37 0.00	25.62 0.38 0.00	27.84 0.36 0.00	33.02 0.65 0.00	38.52 0.68 0.00	40.57 0.24 0.00	39.04 -0.16 0.00	35.16 -0.18 0.00	30.33 -0.59 0.00	27.06 -0.58 0.00	24.91 -0.67 0.00
CLINTON___LFGE 323618	27.47 0.51 0.00	25.33 0.59 0.00	23.49 0.57 0.00	22.40 0.63 0.00	21.99 0.54 0.00	22.68 0.49 0.00	24.37 0.76 0.00	23.45 0.64 0.00	24.41 0.66 0.00	24.82 0.77 0.00	24.30 0.71 0.00	25.08 0.71 0.00	25.09 0.61 0.00	25.01 0.59 0.00	25.85 0.60 0.00	28.12 0.63 0.00	33.44 1.07 0.00	39.05 1.21 0.00	41.17 0.85 0.00	39.67 0.47 0.00	35.76 0.43 0.00	30.82 -0.09 0.00	27.45 -0.19 0.00	25.27 -0.31 0.00
COBBLENY_34_KV_TB1 80064	27.77 0.81 0.00	25.35 0.62 0.00	23.38 0.46 0.00	21.94 0.17 0.00	21.69 0.24 0.00	22.53 0.33 0.00	23.94 0.33 0.00	23.58 0.78 0.00	24.34 0.59 0.00	24.92 0.87 0.00	24.54 0.94 0.00	25.76 1.39 0.00	25.68 1.20 0.00	25.82 1.39 0.00	26.58 1.34 0.00	28.86 1.37 0.00	33.22 0.84 0.00	38.33 0.49 0.00	41.25 0.93 0.00	38.65 -0.55 0.00	35.26 -0.07 0.00	31.01 0.09 0.00	28.30 0.66 0.00	26.09 0.51 0.00
COFFEEN___115KV_TB3 355620	27.66 0.70 0.00	25.35 0.62 0.00	23.44 0.53 0.00	22.25 0.48 0.00	21.92 0.47 0.00	22.66 0.47 0.00	24.16 0.54 0.00	23.52 0.71 0.00	24.25 0.50 0.00	24.60 0.55 0.00	23.88 0.28 0.00	24.64 0.27 0.00	24.70 0.22 0.00	24.60 0.17 0.00	25.47 0.23 0.00	27.82 0.33 0.00	32.77 0.39 0.00	38.52 0.68 0.00	41.58 1.25 0.00	40.49 1.29 0.00	36.46 1.13 0.00	31.94 1.02 0.00	28.30 0.66 0.00	26.36 0.41 -0.37
COLDSPRG_115KV_BK1 355956	28.88 1.91 0.00	26.29 1.56 0.00	24.25 1.33 0.00	22.75 0.98 0.00	22.48 1.03 0.00	23.37 1.18 0.00	24.91 1.30 0.00	24.56 1.76 0.00	25.32 1.57 0.00	25.95 1.90 0.00	25.63 2.03 0.00	26.88 2.51 0.00	26.85 2.37 0.00	27.04 2.61 0.00	27.82 2.57 0.00	30.26 2.78 0.00	34.87 2.49 0.00	40.19 2.35 0.00	43.27 2.94 0.00	40.33 1.14 0.00	36.75 1.41 0.00	32.18 1.27 0.00	29.27 1.63 0.00	26.81 1.23 0.00
COLONIE_LFGE___ 323577	27.96 1.00 0.00	25.70 0.96 0.00	23.77 0.85 0.00	22.60 0.83 0.00	22.27 0.81 0.00	23.09 0.89 0.00	24.51 0.90 0.00	23.52 0.71 0.00	24.53 0.78 0.00	24.67 0.62 0.00	24.30 0.71 0.00	25.03 0.66 0.00	25.14 0.66 0.00	25.06 0.63 0.00	25.90 0.66 0.00	28.10 0.74 0.13	33.44 1.07 0.00	39.24 1.40 0.00	42.18 1.86 0.00	41.08 1.88 0.00	36.96 1.63 0.00	32.21 1.30 0.00	28.80 1.16 0.00	26.78 1.20 0.00
COOPERNY_115KV_TB1 80082	27.74 0.78 0.00	25.43 0.69 0.00	23.51 0.60 0.00	22.31 0.54 0.00	21.99 0.54 0.00	22.75 0.55 0.00	24.23 0.61 0.00	23.40 0.59 0.00	24.37 0.62 0.00	24.70 0.65 0.00	24.38 0.78 0.00	25.12 0.76 0.00	25.31 0.83 0.00	25.23 0.81 0.00	26.10 0.86 0.00	28.48 0.93 -0.06	33.51 1.13 0.00	39.09 1.25 0.00	41.82 1.49 0.00	40.49 1.29 0.00	36.61 1.27 0.00	32.09 1.17 0.00	28.64 1.00 0.00	26.52 0.95 0.00
COPENHAGEN_WT_PWR 323753	27.37 0.41 0.00	25.08 0.35 0.00	23.21 0.30 0.00	22.03 0.26 0.00	21.71 0.26 0.00	22.46 0.27 0.00	23.92 0.31 0.00	23.26 0.46 0.00	24.01 0.26 0.00	24.36 0.31 0.00	23.69 0.09 0.00	24.47 0.10 0.00	24.53 0.05 0.00	24.43 0.00 0.00	25.27 0.03 0.00	27.60 0.11 0.00	32.47 0.10 0.00	38.11 0.27 0.00	41.05 0.73 0.00	39.98 0.78 0.00	35.97 0.64 0.00	31.57 0.65 0.00	27.97 0.33 0.00	26.12 0.15 -0.39
CORNELL_____ 23752	27.80 0.84 0.00	25.43 0.69 0.00	23.51 0.60 0.00	22.29 0.52 0.00	21.97 0.51 0.00	22.75 0.55 0.00	24.25 0.64 0.00	23.58 0.78 0.00	24.37 0.62 0.00	24.80 0.75 0.00	24.21 0.61 0.00	25.12 0.76 0.00	25.23 0.76 0.00	25.19 0.76 0.00	26.03 0.78 0.00	28.37 0.88 0.00	33.25 0.87 0.00	38.94 1.10 0.00	41.74 1.41 0.00	40.29 1.10 0.00	36.36 1.02 0.00	31.87 0.96 0.00	28.53 0.88 0.00	26.47 0.69 -0.20



CORONA__69_KV_TB1 355595	29.26 2.00 -0.30	26.97 1.78 -0.45	24.76 1.54 -0.31	23.41 1.48 -0.16	22.89 1.44 0.00	25.60 1.49 -1.92	25.01 1.39 0.00	24.29 1.48 0.00	25.29 1.54 0.00	26.13 1.71 -0.38	29.17 1.96 -3.62	29.96 1.97 -3.62	29.97 2.06 -3.43	31.48 2.08 -4.97	30.89 2.15 -3.50	32.91 2.36 -3.05	36.40 2.82 -1.20	40.98 3.14 0.00	43.79 3.47 0.00	42.41 3.21 0.00	38.41 3.07 0.00	35.97 2.81 -2.24	31.06 2.43 -0.99	29.88 2.23 -2.08
CORTLAND__115KV_TB3 80093	27.45 0.49 0.00	25.13 0.40 0.00	23.26 0.34 0.00	22.05 0.28 0.00	21.75 0.30 0.00	22.51 0.31 0.00	23.97 0.35 0.00	23.29 0.48 0.00	24.13 0.38 0.00	24.51 0.46 0.00	23.97 0.38 0.00	24.83 0.46 0.00	24.94 0.47 0.00	24.92 0.49 0.00	25.75 0.50 0.00	28.04 0.55 0.00	32.86 0.49 0.00	38.45 0.61 0.00	41.21 0.89 0.00	39.74 0.55 0.00	35.90 0.57 0.00	31.47 0.56 0.00	28.19 0.55 0.00	26.22 0.41 -0.23
COXSACKIE__GT 23611	28.42 1.45 0.00	26.05 1.31 0.00	24.11 1.19 0.00	22.90 1.13 0.00	22.61 1.16 0.00	23.44 1.24 0.00	24.86 1.25 0.00	23.63 0.82 0.00	24.65 0.90 0.00	24.51 0.46 0.00	24.02 0.43 0.00	24.61 0.24 0.00	24.84 0.37 0.00	24.62 0.19 0.00	25.57 0.33 0.00	28.21 0.77 0.04	33.32 0.94 0.00	39.58 1.74 0.00	42.94 2.62 0.00	41.98 2.78 0.00	37.63 2.30 0.00	32.74 1.82 0.00	29.24 1.60 0.00	27.11 1.53 0.00
CPV_VALLEY__CC1 323721	27.80 0.84 0.00	25.48 0.74 0.00	23.54 0.62 0.00	22.34 0.57 0.00	22.03 0.58 0.00	22.77 0.58 0.00	24.25 0.64 0.00	23.42 0.62 0.00	24.46 0.71 0.00	24.72 0.67 0.00	24.44 0.85 0.00	25.17 0.80 0.00	25.36 0.88 0.00	25.31 0.88 0.00	26.18 0.93 0.00	28.58 1.02 -0.07	33.61 1.23 0.00	39.24 1.40 0.00	41.94 1.61 0.00	40.84 1.65 0.00	36.75 1.41 0.00	32.15 1.24 0.00	28.72 1.08 0.00	26.60 1.02 0.00
CPV_VALLEY__CC2 323722	27.80 0.84 0.00	25.48 0.74 0.00	23.54 0.62 0.00	22.34 0.57 0.00	22.03 0.58 0.00	22.77 0.58 0.00	24.25 0.64 0.00	23.42 0.62 0.00	24.46 0.71 0.00	24.72 0.67 0.00	24.44 0.85 0.00	25.17 0.80 0.00	25.36 0.88 0.00	25.31 0.88 0.00	26.18 0.93 0.00	28.58 1.02 -0.07	33.61 1.23 0.00	39.24 1.40 0.00	41.94 1.61 0.00	40.84 1.65 0.00	36.75 1.41 0.00	32.15 1.24 0.00	28.72 1.08 0.00	26.60 1.02 0.00
CRESCENT__HYD 24018	27.96 1.00 0.00	25.70 0.96 0.00	23.77 0.85 0.00	22.60 0.83 0.00	22.27 0.81 0.00	23.09 0.89 0.00	24.51 0.90 0.00	23.52 0.71 0.00	24.53 0.78 0.00	24.67 0.62 0.00	24.30 0.71 0.00	25.03 0.66 0.00	25.14 0.66 0.00	25.06 0.63 0.00	25.90 0.66 0.00	28.10 0.74 0.13	33.44 1.07 0.00	39.24 1.40 0.00	42.18 1.86 0.00	41.08 1.88 0.00	36.96 1.63 0.00	32.21 1.30 0.00	28.80 1.16 0.00	26.78 1.20 0.00
CRICKET__VALLEY_CC1 323756	27.90 0.94 0.00	25.62 0.89 0.00	23.72 0.80 0.00	22.55 0.78 0.00	22.22 0.77 0.00	23.02 0.82 0.00	24.46 0.85 0.00	23.54 0.73 0.00	24.58 0.83 0.00	24.72 0.67 0.00	24.47 0.87 0.00	25.17 0.80 0.00	25.33 0.86 0.00	25.31 0.88 0.00	26.13 0.88 0.00	27.14 0.94 1.28	33.64 1.26 0.00	39.31 1.47 0.00	42.14 1.82 0.00	41.04 1.84 0.00	36.96 1.63 0.00	32.24 1.33 0.00	28.83 1.19 0.00	26.81 1.23 0.00
CRICKET__VALLEY_CC2 323757	27.90 0.94 0.00	25.62 0.89 0.00	23.72 0.80 0.00	22.55 0.78 0.00	22.22 0.77 0.00	23.02 0.82 0.00	24.46 0.85 0.00	23.54 0.73 0.00	24.58 0.83 0.00	24.72 0.67 0.00	24.47 0.87 0.00	25.17 0.80 0.00	25.33 0.86 0.00	25.31 0.88 0.00	26.13 0.88 0.00	27.14 0.94 1.28	33.64 1.26 0.00	39.31 1.47 0.00	42.14 1.82 0.00	41.04 1.84 0.00	36.96 1.63 0.00	32.24 1.33 0.00	28.83 1.19 0.00	26.81 1.23 0.00
CRICKET__VALLEY_CC3 323758	27.90 0.94 0.00	25.62 0.89 0.00	23.72 0.80 0.00	22.55 0.78 0.00	22.22 0.77 0.00	23.02 0.82 0.00	24.46 0.85 0.00	23.54 0.73 0.00	24.58 0.83 0.00	24.72 0.67 0.00	24.47 0.87 0.00	25.17 0.80 0.00	25.33 0.86 0.00	25.31 0.88 0.00	26.13 0.88 0.00	27.14 0.94 1.28	33.64 1.26 0.00	39.31 1.47 0.00	42.14 1.82 0.00	41.04 1.84 0.00	36.96 1.63 0.00	32.24 1.33 0.00	28.83 1.19 0.00	26.81 1.23 0.00
CRUCIBLE_METL_DRP 24180	26.93 -0.03 0.00	24.69 -0.05 0.00	22.87 -0.05 0.00	21.68 -0.09 0.00	21.39 -0.06 0.00	22.13 -0.07 0.00	23.57 -0.05 0.00	22.85 0.05 0.00	23.70 -0.05 0.00	24.05 0.00 0.00	23.48 -0.12 0.00	24.34 -0.02 0.00	24.45 -0.02 0.00	24.43 0.00 0.00	25.22 -0.03 0.00	27.46 -0.03 0.00	32.18 -0.19 0.00	37.65 -0.19 0.00	40.28 -0.04 0.00	38.96 -0.24 0.00	35.16 -0.18 0.00	30.79 -0.12 0.00	27.59 -0.06 0.00	25.89 -0.13 -0.44
DAHOWA__HYDRO 323763	28.52 1.56 0.00	26.19 1.46 0.00	24.18 1.26 0.00	22.99 1.22 0.00	22.63 1.18 0.00	23.46 1.26 0.00	24.91 1.30 0.00	23.86 1.05 0.00	24.91 1.16 0.00	25.08 1.03 0.00	24.68 1.09 0.00	25.42 1.05 0.00	25.46 0.98 0.00	25.33 0.90 0.00	26.25 1.01 0.00	28.56 1.18 0.10	34.00 1.62 0.00	40.00 2.16 0.00	43.15 2.82 0.00	42.10 2.90 0.00	37.81 2.47 0.00	32.90 1.98 0.00	29.41 1.77 0.00	27.27 1.69 0.00
DANC__LFGE 323619	27.07 0.11 0.00	24.81 0.07 0.00	22.99 0.07 0.00	21.81 0.04 0.00	21.49 0.04 0.00	22.24 0.04 0.00	23.68 0.07 0.00	23.01 0.20 0.00	23.77 0.02 0.00	24.15 0.10 0.00	23.48 -0.12 0.00	24.27 -0.10 0.00	24.35 -0.12 0.00	24.28 -0.15 0.00	25.12 -0.13 0.00	27.35 -0.14 0.00	32.18 -0.19 0.00	37.69 -0.15 0.00	40.49 0.16 0.00	39.39 0.20 0.00	35.44 0.11 0.00	31.13 0.22 0.00	27.70 0.06 0.00	25.98 -0.08 -0.48
DANSKAMMER__1 23586	28.34 1.37 0.00	25.95 1.21 0.00	23.99 1.08 0.00	22.77 1.00 0.00	22.46 1.01 0.00	23.22 1.02 0.00	24.70 1.09 0.00	23.79 0.98 0.00	24.89 1.14 0.00	25.06 1.01 0.00	24.82 1.23 0.00	25.54 1.17 0.00	25.75 1.27 0.00	25.67 1.25 0.00	26.58 1.34 0.00	29.05 1.48 -0.08	34.19 1.81 0.00	40.00 2.16 0.00	42.87 2.54 0.00	41.78 2.59 0.00	37.56 2.23 0.00	32.83 1.92 0.00	29.33 1.69 0.00	27.16 1.59 0.00
DANSKAMMER__2 23589	28.34 1.37 0.00	25.95 1.21 0.00	23.99 1.08 0.00	22.77 1.00 0.00	22.46 1.01 0.00	23.22 1.02 0.00	24.70 1.09 0.00	23.79 0.98 0.00	24.89 1.14 0.00	25.06 1.01 0.00	24.82 1.23 0.00	25.54 1.17 0.00	25.75 1.27 0.00	25.67 1.25 0.00	26.58 1.34 0.00	29.05 1.48 -0.08	34.19 1.81 0.00	40.00 2.16 0.00	42.87 2.54 0.00	41.78 2.59 0.00	37.56 2.23 0.00	32.83 1.92 0.00	29.33 1.69 0.00	27.16 1.59 0.00
DANSKAMMER__3 23590	28.34 1.37 0.00	25.95 1.21 0.00	23.99 1.08 0.00	22.77 1.00 0.00	22.46 1.01 0.00	23.22 1.02 0.00	24.70 1.09 0.00	23.79 0.98 0.00	24.89 1.14 0.00	25.06 1.01 0.00	24.82 1.23 0.00	25.54 1.17 0.00	25.75 1.27 0.00	25.67 1.25 0.00	26.58 1.34 0.00	29.05 1.48 -0.08	34.19 1.81 0.00	40.00 2.16 0.00	42.87 2.54 0.00	41.78 2.59 0.00	37.56 2.23 0.00	32.83 1.92 0.00	29.33 1.69 0.00	27.16 1.59 0.00



DANSKAMMER___4 23591	28.34 1.37 0.00	25.95 1.21 0.00	23.99 1.08 0.00	22.77 1.00 0.00	22.46 1.01 0.00	23.22 1.02 0.00	24.70 1.09 0.00	23.79 0.98 0.00	24.89 1.14 0.00	25.06 1.01 0.00	24.82 1.23 0.00	25.54 1.17 0.00	25.75 1.27 0.00	25.67 1.25 0.00	26.58 1.34 0.00	29.05 1.48 -0.08	34.19 1.81 0.00	40.00 2.16 0.00	42.87 2.54 0.00	41.78 2.59 0.00	37.56 2.23 0.00	32.83 1.92 0.00	29.33 1.69 0.00	27.16 1.59 0.00
DANSKAMMER___DIESEL 23592	28.34 1.38 0.00	25.95 1.21 0.00	23.99 1.08 0.00	22.77 1.00 0.00	22.46 1.01 0.00	23.22 1.02 0.00	24.70 1.09 0.00	23.79 0.98 0.00	24.79 1.04 0.00	25.06 1.01 0.00	24.82 1.23 0.00	25.54 1.17 0.00	25.77 1.30 0.00	25.67 1.25 0.00	26.58 1.34 0.00	29.05 1.48 -0.08	34.22 1.85 0.00	40.00 2.16 0.00	42.87 2.54 0.00	41.51 2.31 0.00	37.56 2.23 0.00	32.89 1.98 0.00	29.33 1.69 0.00	27.16 1.59 0.00
DARBY___SOLAR 323810	28.42 1.45 0.00	26.10 1.36 0.00	24.11 1.19 0.00	22.90 1.13 0.00	22.57 1.11 0.00	23.39 1.20 0.00	24.82 1.20 0.00	23.79 0.98 0.00	24.84 1.09 0.00	25.01 0.96 0.00	24.63 1.04 0.00	25.34 0.98 0.00	25.41 0.93 0.00	25.31 0.88 0.00	26.18 0.93 0.00	28.48 1.10 0.11	33.87 1.49 0.00	39.84 2.00 0.00	42.94 2.62 0.00	41.86 2.67 0.00	37.63 2.30 0.00	32.74 1.82 0.00	29.30 1.66 0.00	27.16 1.59 0.00
DASHVILLE___HYD 23610	28.12 1.16 0.00	25.73 0.99 0.00	23.81 0.89 0.00	22.62 0.85 0.00	22.29 0.84 0.00	23.00 0.80 0.00	24.42 0.80 0.00	23.49 0.68 0.00	24.46 0.71 0.00	24.75 0.70 0.00	24.52 0.92 0.00	25.25 0.88 0.00	25.48 1.00 0.00	25.41 0.98 0.00	26.30 1.06 0.00	28.98 1.46 -0.04	33.80 1.42 0.00	39.47 1.63 0.00	42.22 1.90 0.00	40.92 1.72 0.00	37.03 1.70 0.00	32.49 1.58 0.00	29.00 1.35 0.00	26.91 1.33 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	28.10 0.84 -0.30	25.93 0.74 -0.45	23.78 0.55 -0.31	22.59 0.65 -0.16	22.05 0.60 0.00	24.69 0.58 -1.92	23.80 0.19 0.00	23.36 0.55 0.00	24.13 0.38 0.00	25.17 0.75 -0.38	28.18 0.97 -3.62	28.94 0.95 -3.62	28.91 1.00 -3.43	30.47 1.07 -4.97	29.78 1.03 -3.50	31.75 1.21 -3.05	35.81 2.23 -1.20	40.68 2.84 0.00	43.03 2.70 0.00	41.70 2.51 0.00	37.45 2.12 0.00	34.98 1.82 -2.24	29.84 1.22 -0.99	28.76 1.10 -2.08
DELAWARE___LFGE 323621	27.93 0.97 0.00	25.60 0.87 0.00	23.74 0.83 0.00	22.51 0.74 0.00	22.20 0.75 0.00	22.97 0.78 0.00	24.44 0.83 0.00	23.63 0.82 0.00	24.51 0.76 0.00	24.89 0.84 0.00	24.45 0.85 0.00	25.25 0.88 0.00	25.38 0.91 0.00	25.31 0.88 0.00	26.18 0.93 0.00	28.53 1.04 0.00	33.58 1.20 0.00	39.20 1.36 0.00	42.06 1.73 0.00	40.72 1.53 0.00	36.78 1.45 0.00	32.24 1.33 0.00	28.80 1.16 0.00	26.68 1.02 -0.08
DERFIELD_115KV_TB7 355931	27.10 0.13 0.00	24.86 0.12 0.00	23.03 0.11 0.00	21.88 0.11 0.00	21.56 0.11 0.00	22.33 0.13 0.00	23.73 0.12 0.00	22.92 0.11 0.00	23.84 0.09 0.00	24.15 0.10 0.00	23.71 0.12 0.00	24.47 0.10 0.00	24.57 0.10 0.00	24.53 0.10 0.00	25.34 0.10 0.00	27.62 0.14 0.00	32.51 0.13 0.00	38.03 0.19 0.00	40.61 0.28 0.00	39.43 0.24 0.00	35.58 0.25 0.00	31.16 0.25 0.00	27.83 0.19 0.00	25.73 0.15 0.00
DOGLEVILLE___HYD 23807	26.48 -0.48 0.00	24.27 -0.47 0.00	22.48 -0.44 0.00	21.36 -0.41 0.00	21.07 -0.39 0.00	21.77 -0.42 0.00	23.16 -0.45 0.00	22.37 -0.43 0.00	23.25 -0.50 0.00	23.57 -0.48 0.00	23.08 -0.52 0.00	23.81 -0.56 0.00	23.94 -0.54 0.00	23.87 -0.56 0.00	24.69 -0.56 0.00	26.91 -0.58 0.00	31.63 -0.74 0.00	37.04 -0.80 0.00	39.64 -0.69 0.00	38.61 -0.59 0.00	34.73 -0.60 0.00	30.45 -0.46 0.00	27.20 -0.44 0.00	25.14 -0.43 0.00
DUNKIRK___115KV_TB_200 55889	28.12 1.16 0.00	25.65 0.92 0.00	23.65 0.73 0.00	22.21 0.44 0.00	21.92 0.47 0.00	22.80 0.60 0.00	24.25 0.64 0.00	23.93 1.12 0.00	24.67 0.93 0.00	25.25 1.20 0.00	24.89 1.30 0.00	26.12 1.75 0.00	26.07 1.59 0.00	26.21 1.78 0.00	26.99 1.74 0.00	29.33 1.84 0.00	33.80 1.42 0.00	38.98 1.14 0.00	41.90 1.57 0.00	39.20 0.00 0.00	35.72 0.39 0.00	31.35 0.43 0.00	28.50 0.86 0.00	26.17 0.59 0.00
DUNKIRK___1 23563	28.12 1.16 0.00	25.65 0.92 0.00	23.65 0.73 0.00	22.21 0.44 0.00	21.92 0.47 0.00	22.80 0.60 0.00	24.25 0.64 0.00	23.93 1.12 0.00	24.67 0.93 0.00	25.25 1.20 0.00	24.89 1.30 0.00	26.12 1.75 0.00	26.07 1.59 0.00	26.21 1.78 0.00	26.99 1.74 0.00	29.33 1.84 0.00	33.80 1.42 0.00	38.98 1.14 0.00	41.90 1.57 0.00	39.20 0.00 0.00	35.72 0.39 0.00	31.35 0.43 0.00	28.50 0.86 0.00	26.17 0.59 0.00
DUNKIRK___2 23564	28.12 1.16 0.00	25.65 0.92 0.00	23.65 0.73 0.00	22.21 0.44 0.00	21.92 0.47 0.00	22.80 0.60 0.00	24.25 0.64 0.00	23.93 1.12 0.00	24.67 0.93 0.00	25.25 1.20 0.00	24.89 1.30 0.00	26.12 1.75 0.00	26.07 1.59 0.00	26.21 1.78 0.00	26.99 1.74 0.00	29.33 1.84 0.00	33.80 1.42 0.00	38.98 1.14 0.00	41.90 1.57 0.00	39.20 0.00 0.00	35.72 0.39 0.00	31.35 0.43 0.00	28.50 0.86 0.00	26.17 0.59 0.00
DUNKIRK___3 23565	27.90 0.94 0.00	25.48 0.74 0.00	23.49 0.57 0.00	22.05 0.28 0.00	21.79 0.34 0.00	22.64 0.44 0.00	24.09 0.47 0.00	23.74 0.94 0.00	24.48 0.74 0.00	25.06 1.01 0.00	24.71 1.11 0.00	25.90 1.54 0.00	25.85 1.37 0.00	25.99 1.56 0.00	26.76 1.51 0.00	29.08 1.59 0.00	33.48 1.10 0.00	38.64 0.79 0.00	41.54 1.21 0.00	38.88 -0.31 0.00	35.44 0.11 0.00	31.16 0.25 0.00	28.36 0.72 0.00	26.09 0.51 0.00
DUNKIRK___4 23566	27.90 0.94 0.00	25.48 0.74 0.00	23.49 0.57 0.00	22.05 0.28 0.00	21.79 0.34 0.00	22.64 0.44 0.00	24.09 0.47 0.00	23.74 0.94 0.00	24.48 0.74 0.00	25.06 1.01 0.00	24.71 1.11 0.00	25.90 1.54 0.00	25.85 1.37 0.00	25.99 1.56 0.00	26.76 1.51 0.00	29.08 1.59 0.00	33.48 1.10 0.00	38.64 0.79 0.00	41.54 1.21 0.00	38.88 -0.31 0.00	35.44 0.11 0.00	31.16 0.25 0.00	28.36 0.72 0.00	26.09 0.51 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	28.44 1.48 0.00	26.02 1.29 0.00	24.02 1.10 0.00	22.84 1.07 0.00	22.48 1.03 0.00	23.26 1.07 0.00	24.75 1.13 0.00	23.90 1.09 0.00	24.94 1.19 0.00	25.30 1.25 0.00	25.11 1.51 0.00	25.85 1.49 0.00	26.02 1.54 0.00	25.99 1.56 0.00	26.86 1.62 0.00	29.34 1.76 -0.10	34.55 2.17 0.00	40.22 2.38 0.00	43.03 2.70 0.00	41.67 2.47 0.00	37.74 2.40 0.00	33.05 2.13 0.00	29.47 1.82 0.00	27.29 1.71 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	28.15 1.19 0.00	25.77 1.04 0.00	23.81 0.89 0.00	22.62 0.85 0.00	22.29 0.84 0.00	23.04 0.84 0.00	24.51 0.90 0.00	23.65 0.84 0.00	24.65 0.90 0.00	24.94 0.89 0.00	24.71 1.11 0.00	25.42 1.05 0.00	25.63 1.15 0.00	25.55 1.12 0.00	26.46 1.21 0.00	28.91 1.35 -0.08	34.03 1.65 0.00	39.73 1.89 0.00	42.54 2.22 0.00	41.19 2.00 0.00	37.28 1.94 0.00	32.65 1.73 0.00	29.11 1.46 0.00	26.98 1.41 0.00



E179THST_138_KV_TB4_REV_LBMP_J 345001	28.69 1.73 0.00	26.27 1.53 0.00	24.09 1.17 0.00	22.99 1.22 0.00	22.61 1.16 0.00	23.20 1.00 0.00	24.61 0.99 0.00	23.79 0.98 0.00	24.84 1.09 0.00	25.25 1.20 0.00	25.11 1.51 0.00	25.85 1.49 0.00	26.04 1.57 0.00	25.99 1.56 0.00	26.86 1.62 0.00	29.32 1.73 -0.10	34.55 2.17 0.00	40.19 2.35 0.00	42.95 2.62 0.00	41.63 2.43 0.00	37.74 2.40 0.00	33.02 2.10 0.00	29.55 1.91 0.00	27.39 1.82 0.00
E179THST_13_KV_LOAD 356214	28.79 1.83 0.00	26.37 1.63 0.00	24.18 1.26 0.00	23.08 1.31 0.00	22.70 1.24 0.00	23.28 1.09 0.00	24.70 1.09 0.00	23.88 1.07 0.00	24.94 1.19 0.00	25.37 1.32 0.00	25.22 1.63 0.00	25.98 1.61 0.00	26.16 1.69 0.00	26.11 1.69 0.00	26.99 1.74 0.00	29.45 1.87 -0.10	34.71 2.33 0.00	40.38 2.54 0.00	43.15 2.82 0.00	41.82 2.63 0.00	37.91 2.58 0.00	33.17 2.26 0.00	29.69 2.05 0.00	27.50 1.92 0.00
EAST HAMPTON___GT 23717	27.59 0.32 -0.30	25.39 0.20 -0.45	23.37 0.14 -0.31	22.20 0.26 -0.16	21.67 0.21 0.00	24.29 0.18 -1.92	23.33 -0.28 0.00	22.79 -0.02 0.00	24.01 0.26 0.00	24.74 0.31 -0.38	27.83 0.61 -3.62	28.57 0.58 -3.62	28.52 0.61 -3.43	30.08 0.68 -4.97	29.38 0.63 -3.50	31.37 0.82 -3.05	35.42 1.84 -1.20	40.19 2.35 0.00	42.46 2.14 0.00	41.51 2.31 0.00	36.93 1.59 0.00	34.39 1.24 -2.24	29.35 0.72 -0.99	28.25 0.59 -2.08
EAST RIVER___6 23660	28.61 1.64 0.00	26.17 1.43 0.00	24.11 1.19 0.00	22.92 1.15 0.00	22.59 1.14 0.00	23.33 1.13 0.00	24.86 1.25 0.00	24.04 1.23 0.00	25.20 1.45 0.00	25.54 1.49 0.00	25.37 1.77 0.00	26.12 1.76 0.00	26.29 1.81 0.00	26.28 1.86 0.00	27.14 1.89 0.00	29.62 2.03 -0.10	34.87 2.49 0.00	40.53 2.69 0.00	43.31 2.98 0.00	42.21 3.02 0.00	38.05 2.72 0.00	33.26 2.35 0.00	29.72 2.07 0.00	27.44 1.87 0.00
EAST RIVER___7 23524	28.61 1.64 0.00	26.17 1.43 0.00	24.11 1.19 0.00	22.92 1.15 0.00	22.59 1.14 0.00	23.33 1.13 0.00	24.86 1.25 0.00	24.04 1.23 0.00	25.20 1.45 0.00	25.54 1.49 0.00	25.37 1.77 0.00	26.12 1.76 0.00	26.29 1.81 0.00	26.28 1.86 0.00	27.14 1.89 0.00	29.62 2.03 -0.10	34.87 2.49 0.00	40.53 2.69 0.00	43.31 2.98 0.00	42.21 3.02 0.00	38.05 2.72 0.00	33.26 2.35 0.00	29.72 2.07 0.00	27.44 1.87 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	28.39 1.43 0.00	26.00 1.26 0.00	23.97 1.05 0.00	22.79 1.02 0.00	22.46 1.01 0.00	23.22 1.02 0.00	24.70 1.09 0.00	23.86 1.05 0.00	24.86 1.12 0.00	25.25 1.20 0.00	25.04 1.44 0.00	25.78 1.41 0.00	25.97 1.49 0.00	25.92 1.49 0.00	26.78 1.54 0.00	29.26 1.68 -0.10	34.45 2.07 0.00	40.15 2.31 0.00	42.91 2.58 0.00	41.55 2.35 0.00	37.67 2.33 0.00	32.99 2.07 0.00	29.41 1.77 0.00	27.24 1.66 0.00
EAST_HAMPTON___DIESEL 23722	27.48 0.21 -0.30	25.32 0.12 -0.45	23.30 0.07 -0.31	22.13 0.20 -0.16	21.60 0.15 0.00	24.22 0.11 -1.92	23.26 -0.35 0.00	22.72 -0.09 0.00	23.94 0.19 0.00	24.67 0.24 -0.38	27.76 0.54 -3.62	28.50 0.51 -3.62	28.45 0.54 -3.43	30.01 0.61 -4.97	29.30 0.55 -3.50	31.26 0.71 -3.05	35.33 1.75 -1.20	40.07 2.23 0.00	42.34 2.02 0.00	41.39 2.19 0.00	36.78 1.45 0.00	34.30 1.14 -2.24	29.26 0.64 -0.99	28.14 0.48 -2.08
EAST_POINT___SOLAR 323840	29.60 2.64 0.00	27.11 2.37 0.00	25.00 2.09 0.00	23.73 1.96 0.00	23.36 1.91 0.00	24.22 2.02 0.00	25.67 2.05 0.00	24.31 1.50 0.00	24.89 1.14 0.00	24.53 0.48 0.00	24.02 0.43 0.00	24.76 0.39 0.00	24.77 0.29 0.00	24.60 0.17 0.00	25.65 0.40 0.00	28.25 0.82 0.06	35.19 2.82 0.00	41.62 3.78 0.00	45.08 4.76 0.00	43.94 4.74 0.00	39.43 4.10 0.00	34.29 3.37 0.00	30.63 2.99 0.00	28.19 2.61 0.00
EAST_PULASKI___ESR 323781	26.83 -0.13 0.00	24.59 -0.15 0.00	22.78 -0.14 0.00	21.62 -0.15 0.00	21.30 -0.15 0.00	22.06 -0.13 0.00	23.47 -0.14 0.00	22.79 -0.02 0.00	23.56 -0.19 0.00	23.93 -0.12 0.00	23.31 -0.28 0.00	24.12 -0.24 0.00	24.21 -0.27 0.00	24.16 -0.27 0.00	24.97 -0.28 0.00	27.19 -0.30 0.00	31.92 -0.45 0.00	37.35 -0.49 0.00	40.04 -0.28 0.00	38.88 -0.31 0.00	34.98 -0.35 0.00	30.73 -0.18 0.00	27.45 -0.19 0.00	26.01 -0.26 -0.68
EAST_RIVER___1 323558	28.61 1.64 0.00	26.17 1.43 0.00	24.11 1.19 0.00	22.92 1.15 0.00	22.57 1.11 0.00	23.33 1.13 0.00	24.84 1.23 0.00	24.02 1.21 0.00	25.15 1.40 0.00	25.47 1.42 0.00	25.30 1.70 0.00	26.05 1.68 0.00	26.24 1.76 0.00	26.21 1.78 0.00	27.09 1.84 0.00	29.57 1.98 -0.10	34.81 2.43 0.00	40.45 2.61 0.00	43.23 2.91 0.00	42.17 2.98 0.00	37.98 2.65 0.00	33.20 2.29 0.00	29.66 2.02 0.00	27.42 1.84 0.00
EAST_RIVER___2 323559	28.61 1.64 0.00	26.17 1.43 0.00	24.11 1.19 0.00	22.92 1.15 0.00	22.59 1.14 0.00	23.33 1.13 0.00	24.86 1.25 0.00	24.04 1.23 0.00	25.20 1.45 0.00	25.54 1.49 0.00	25.37 1.77 0.00	26.12 1.76 0.00	26.29 1.81 0.00	26.28 1.86 0.00	27.14 1.89 0.00	29.62 2.03 -0.10	34.87 2.49 0.00	40.53 2.69 0.00	43.31 2.98 0.00	42.21 3.02 0.00	38.05 2.72 0.00	33.26 2.35 0.00	29.72 2.07 0.00	27.44 1.87 0.00
EAST___DELAWARE_HYD 23607	28.39 1.43 0.00	25.97 1.24 0.00	24.02 1.10 0.00	22.77 1.00 0.00	22.46 1.01 0.00	23.22 1.02 0.00	24.70 1.09 0.00	23.81 1.00 0.00	24.89 1.14 0.00	25.08 1.03 0.00	24.80 1.20 0.00	25.51 1.15 0.00	25.75 1.27 0.00	25.65 1.22 0.00	26.58 1.34 0.00	29.06 1.51 -0.06	34.19 1.81 0.00	40.00 2.16 0.00	42.91 2.58 0.00	41.82 2.63 0.00	37.60 2.26 0.00	32.90 1.98 0.00	29.36 1.71 0.00	27.14 1.56 0.00
EIGHT_POINT___WT_PWR 323820	29.25 2.29 0.00	26.61 1.88 0.00	24.59 1.67 0.00	23.18 1.41 0.00	22.91 1.46 0.00	23.80 1.60 0.00	25.36 1.75 0.00	24.95 2.14 0.00	25.53 1.78 0.00	26.26 2.21 0.00	25.70 2.10 0.00	26.93 2.56 0.00	26.95 2.47 0.00	27.02 2.59 0.00	27.89 2.65 0.00	30.35 2.86 0.00	35.13 2.75 0.00	40.87 3.03 0.00	43.75 3.43 0.00	41.67 2.47 0.00	37.38 2.05 0.00	33.02 2.10 0.00	29.52 1.88 0.00	27.35 1.66 -0.11
ELBRIDGE_115KV_TB2 80188	26.83 -0.13 0.00	24.59 -0.15 0.00	22.78 -0.14 0.00	21.60 -0.17 0.00	21.30 -0.15 0.00	22.04 -0.16 0.00	23.47 -0.14 0.00	22.76 -0.05 0.00	23.63 -0.12 0.00	23.95 -0.10 0.00	23.41 -0.19 0.00	24.27 -0.10 0.00	24.35 -0.12 0.00	24.33 -0.10 0.00	25.14 -0.10 0.00	27.35 -0.14 0.00	32.09 -0.29 0.00	37.50 -0.34 0.00	40.12 -0.20 0.00	38.76 -0.43 0.00	34.98 -0.35 0.00	30.67 -0.25 0.00	27.48 -0.17 0.00	25.81 -0.23 -0.46
ELEC_TRO_TEK 24086	29.12 1.86 -0.30	26.85 1.66 -0.45	24.67 1.44 -0.31	23.31 1.37 -0.16	22.78 1.33 0.00	25.49 1.38 -1.92	24.94 1.32 0.00	24.20 1.39 0.00	25.20 1.45 0.00	26.04 1.61 -0.38	29.06 1.84 -3.62	29.84 1.85 -3.62	29.82 1.91 -3.43	31.33 1.93 -4.97	30.74 1.99 -3.50	32.71 2.17 -3.05	36.20 2.62 -1.20	40.75 2.91 0.00	43.55 3.23 0.00	42.17 2.98 0.00	38.20 2.86 0.00	35.75 2.60 -2.24	30.87 2.24 -0.99	29.73 2.07 -2.08



ELLENBURG_WT_PWR 323604	27.18 0.21 0.00	25.06 0.32 0.00	23.26 0.34 0.00	22.18 0.41 0.00	21.79 0.34 0.00	22.51 0.31 0.00	24.13 0.52 0.00	23.22 0.41 0.00	24.22 0.47 0.00	24.63 0.58 0.00	24.11 0.52 0.00	24.86 0.49 0.00	24.87 0.39 0.00	24.80 0.37 0.00	25.62 0.38 0.00	27.84 0.36 0.00	33.02 0.65 0.00	38.52 0.68 0.00	40.57 0.24 0.00	39.04 -0.16 0.00	35.16 -0.18 0.00	30.33 -0.59 0.00	27.06 -0.58 0.00	24.91 -0.67 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	27.47 0.51 0.00	25.11 0.37 0.00	23.15 0.23 0.00	21.75 -0.02 0.00	21.49 0.04 0.00	22.33 0.13 0.00	23.68 0.07 0.00	23.33 0.52 0.00	24.10 0.36 0.00	24.63 0.58 0.00	24.23 0.64 0.00	25.44 1.07 0.00	25.38 0.91 0.00	25.48 1.05 0.00	26.23 0.98 0.00	28.48 0.99 0.00	32.73 0.36 0.00	37.76 -0.08 0.00	40.65 0.32 0.00	38.14 -1.06 0.00	34.77 -0.57 0.00	30.61 -0.31 0.00	27.97 0.33 0.00	25.78 0.20 0.00
EMPIRE_CC_1 323656	27.77 0.81 0.00	25.53 0.79 0.00	23.63 0.71 0.00	22.47 0.70 0.00	22.16 0.71 0.00	22.97 0.78 0.00	24.39 0.78 0.00	23.40 0.59 0.00	24.41 0.66 0.00	24.53 0.48 0.00	24.21 0.61 0.00	24.90 0.54 0.00	25.04 0.56 0.00	24.97 0.54 0.00	25.80 0.55 0.00	27.93 0.60 0.16	33.25 0.87 0.00	38.97 1.13 0.00	41.86 1.53 0.00	40.77 1.57 0.00	36.71 1.38 0.00	32.00 1.08 0.00	28.64 0.99 0.00	26.63 1.05 0.00
EMPIRE_CC_2 323658	27.77 0.81 0.00	25.53 0.79 0.00	23.63 0.71 0.00	22.47 0.70 0.00	22.16 0.71 0.00	22.97 0.78 0.00	24.39 0.78 0.00	23.40 0.59 0.00	24.41 0.66 0.00	24.53 0.48 0.00	24.21 0.61 0.00	24.90 0.54 0.00	25.04 0.56 0.00	24.97 0.54 0.00	25.80 0.55 0.00	27.93 0.60 0.16	33.25 0.87 0.00	38.97 1.13 0.00	41.86 1.53 0.00	40.77 1.57 0.00	36.71 1.38 0.00	32.00 1.08 0.00	28.64 0.99 0.00	26.63 1.05 0.00
ENORWICH_115KV_TB1 80156	29.28 2.32 0.00	26.79 2.05 0.00	24.75 1.83 0.00	23.47 1.70 0.00	23.17 1.72 0.00	23.97 1.78 0.00	25.53 1.91 0.00	24.97 2.17 0.00	25.62 1.88 0.00	26.21 2.16 0.00	25.48 1.89 0.00	26.34 1.97 0.00	26.48 2.01 0.00	26.38 1.95 0.00	27.26 2.02 0.00	29.82 2.34 0.00	34.87 2.49 0.00	41.02 3.18 0.00	44.52 4.19 0.00	43.04 3.84 0.00	38.73 3.39 0.00	33.94 3.03 0.00	30.29 2.65 0.00	27.84 2.10 -0.16
ERIE_ST__34_KV_TB1-2 80199	28.09 1.13 0.00	25.60 0.87 0.00	23.60 0.69 0.00	22.16 0.39 0.00	21.90 0.45 0.00	22.75 0.55 0.00	24.20 0.59 0.00	23.79 0.98 0.00	24.56 0.81 0.00	25.13 1.08 0.00	24.78 1.18 0.00	26.00 1.63 0.00	25.94 1.47 0.00	26.09 1.66 0.00	26.86 1.62 0.00	29.19 1.70 0.00	33.61 1.23 0.00	38.75 0.91 0.00	41.74 1.41 0.00	39.08 -0.12 0.00	35.65 0.32 0.00	31.35 0.43 0.00	28.61 0.97 0.00	26.40 0.82 0.00
ERIE_WT_PWR 323693	27.74 0.78 0.00	25.33 0.59 0.00	23.35 0.43 0.00	21.97 0.20 0.00	21.67 0.21 0.00	22.51 0.31 0.00	23.90 0.28 0.00	23.56 0.75 0.00	24.27 0.52 0.00	24.84 0.79 0.00	24.47 0.87 0.00	25.68 1.31 0.00	25.60 1.13 0.00	25.72 1.29 0.00	26.48 1.24 0.00	28.78 1.29 0.00	33.12 0.75 0.00	38.18 0.34 0.00	41.05 0.73 0.00	38.88 -0.31 0.00	35.12 -0.21 0.00	31.29 0.37 0.00	28.22 0.58 0.00	26.17 0.59 0.00
ESPRGFLD_115KV_TB1 80157	28.96 2.00 0.00	26.52 1.78 0.00	24.54 1.63 0.00	23.27 1.50 0.00	22.93 1.48 0.00	23.73 1.53 0.00	25.24 1.63 0.00	24.34 1.53 0.00	25.15 1.40 0.00	25.45 1.39 0.00	24.89 1.30 0.00	25.71 1.34 0.00	25.82 1.35 0.00	25.70 1.27 0.00	26.63 1.39 0.00	29.13 1.68 0.04	34.71 2.33 0.00	40.72 2.88 0.00	43.91 3.59 0.00	42.49 3.29 0.00	38.34 3.00 0.00	33.51 2.60 0.00	29.94 2.29 0.00	27.55 1.97 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	27.74 0.78 0.00	25.38 0.64 0.00	23.49 0.57 0.00	22.25 0.48 0.00	21.95 0.49 0.00	22.73 0.53 0.00	24.20 0.59 0.00	23.54 0.73 0.00	24.34 0.59 0.00	24.75 0.70 0.00	24.19 0.59 0.00	25.07 0.71 0.00	25.19 0.71 0.00	25.14 0.71 0.00	25.98 0.73 0.00	28.31 0.82 0.00	33.19 0.81 0.00	38.86 1.02 0.00	41.70 1.37 0.00	40.22 1.02 0.00	36.29 0.95 0.00	31.81 0.90 0.00	28.50 0.86 0.00	26.45 0.67 -0.21
ETNA____115KV_TB2 80207	27.74 0.78 0.00	25.38 0.64 0.00	23.49 0.57 0.00	22.25 0.48 0.00	21.95 0.49 0.00	22.73 0.53 0.00	24.20 0.59 0.00	23.54 0.73 0.00	24.34 0.59 0.00	24.75 0.70 0.00	24.19 0.59 0.00	25.07 0.71 0.00	25.19 0.71 0.00	25.14 0.71 0.00	25.98 0.73 0.00	28.31 0.82 0.00	33.19 0.81 0.00	38.86 1.02 0.00	41.70 1.37 0.00	40.22 1.02 0.00	36.29 0.95 0.00	31.81 0.90 0.00	28.50 0.86 0.00	26.45 0.67 -0.21
EUCLID____115KV_TB2 356179	26.69 -0.27 0.00	24.46 -0.27 0.00	22.67 -0.25 0.00	21.51 -0.26 0.00	21.19 -0.26 0.00	21.95 -0.24 0.00	23.35 -0.26 0.00	22.65 -0.16 0.00	23.51 -0.24 0.00	23.83 -0.22 0.00	23.27 -0.33 0.00	24.12 -0.24 0.00	24.21 -0.27 0.00	24.18 -0.24 0.00	24.99 -0.25 0.00	27.18 -0.30 0.00	31.92 -0.45 0.00	37.31 -0.53 0.00	39.88 -0.44 0.00	38.57 -0.63 0.00	34.80 -0.53 0.00	30.48 -0.43 0.00	27.34 -0.30 0.00	25.42 -0.36 -0.20
E_CANADA_CAP_HY 24051	29.39 2.43 0.00	26.94 2.20 0.00	24.86 1.95 0.00	23.60 1.83 0.00	23.25 1.80 0.00	24.08 1.89 0.00	25.57 1.96 0.00	24.47 1.66 0.00	25.29 1.54 0.00	25.32 1.27 0.00	24.80 1.20 0.00	25.59 1.22 0.00	25.63 1.15 0.00	25.50 1.07 0.00	26.48 1.24 0.00	29.02 1.59 0.06	35.06 2.69 0.00	41.32 3.48 0.00	44.68 4.36 0.00	43.55 4.35 0.00	39.08 3.74 0.00	34.04 3.12 0.00	30.41 2.76 0.00	28.01 2.43 0.00
E_CANADA_MHWK_HY 24050	26.48 -0.48 0.00	24.27 -0.47 0.00	22.48 -0.44 0.00	21.36 -0.41 0.00	21.07 -0.39 0.00	21.77 -0.42 0.00	23.16 -0.45 0.00	22.37 -0.43 0.00	23.25 -0.50 0.00	23.57 -0.48 0.00	23.08 -0.52 0.00	23.81 -0.56 0.00	23.94 -0.54 0.00	23.87 -0.56 0.00	24.69 -0.56 0.00	26.91 -0.58 0.00	31.63 -0.74 0.00	37.04 -0.80 0.00	39.64 -0.69 0.00	38.61 -0.59 0.00	34.73 -0.60 0.00	30.45 -0.46 0.00	27.20 -0.44 0.00	25.14 -0.43 0.00
E_FISHKILL____LBMP 23776	28.12 1.16 0.00	25.77 1.04 0.00	23.81 0.89 0.00	22.64 0.87 0.00	22.31 0.86 0.00	23.08 0.89 0.00	24.53 0.92 0.00	23.67 0.87 0.00	24.67 0.93 0.00	24.99 0.94 0.00	24.75 1.16 0.00	25.46 1.10 0.00	25.65 1.17 0.00	25.60 1.17 0.00	26.46 1.21 0.00	28.91 1.32 -0.10	34.03 1.65 0.00	39.69 1.85 0.00	42.50 2.18 0.00	41.16 1.96 0.00	37.28 1.94 0.00	32.65 1.73 0.00	29.11 1.46 0.00	26.98 1.41 0.00
FALCON____SEABRD_CC1 323796	27.23 0.27 0.00	25.08 0.35 0.00	23.28 0.37 0.00	22.18 0.41 0.00	21.79 0.34 0.00	22.48 0.29 0.00	24.11 0.50 0.00	23.22 0.41 0.00	24.20 0.45 0.00	24.60 0.55 0.00	24.09 0.50 0.00	24.83 0.46 0.00	24.84 0.37 0.00	24.77 0.34 0.00	25.60 0.35 0.00	27.84 0.36 0.00	33.02 0.65 0.00	38.56 0.72 0.00	40.61 0.28 0.00	39.16 -0.04 0.00	35.30 -0.04 0.00	30.48 -0.43 0.00	27.17 -0.47 0.00	25.01 -0.56 0.00



FALCON___SEABRD_CC2 323797	27.23 0.27 0.00	25.08 0.35 0.00	23.28 0.37 0.00	22.18 0.41 0.00	21.79 0.34 0.00	22.48 0.29 0.00	24.11 0.50 0.00	23.22 0.41 0.00	24.20 0.45 0.00	24.60 0.55 0.00	24.09 0.50 0.00	24.83 0.46 0.00	24.84 0.37 0.00	24.77 0.34 0.00	25.60 0.35 0.00	27.84 0.36 0.00	33.02 0.65 0.00	38.56 0.72 0.00	40.61 0.28 0.00	39.16 -0.04 0.00	35.30 -0.04 0.00	30.48 -0.43 0.00	27.17 -0.47 0.00	25.01 -0.56 0.00
FAR ROCKAWAY___4 23548	29.45 2.18 -0.30	27.14 1.95 -0.45	24.92 1.70 -0.31	23.54 1.61 -0.16	23.02 1.57 0.00	25.76 1.64 -1.92	25.15 1.53 0.00	24.43 1.62 0.00	25.43 1.69 0.00	26.30 1.88 -0.38	29.36 2.15 -3.62	30.16 2.17 -3.62	30.16 2.25 -3.43	31.70 2.30 -4.97	31.09 2.35 -3.50	33.13 2.58 -3.05	36.66 3.08 -1.20	41.32 3.48 0.00	44.20 3.87 0.00	42.76 3.57 0.00	38.73 3.39 0.00	36.25 3.09 -2.24	31.25 2.63 -0.99	30.04 2.38 -2.08
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	28.61 1.64 0.00	26.17 1.43 0.00	24.11 1.19 0.00	22.92 1.15 0.00	22.59 1.14 0.00	23.33 1.13 0.00	24.84 1.23 0.00	24.02 1.21 0.00	25.05 1.31 0.00	25.47 1.42 0.00	25.30 1.70 0.00	26.05 1.68 0.00	26.26 1.79 0.00	26.21 1.78 0.00	27.09 1.84 0.00	29.56 1.98 -0.10	34.81 2.43 0.00	40.49 2.65 0.00	43.27 2.94 0.00	41.90 2.70 0.00	37.98 2.65 0.00	33.26 2.35 0.00	29.66 2.02 0.00	27.44 1.87 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	28.61 1.64 0.00	26.17 1.43 0.00	24.11 1.19 0.00	22.92 1.15 0.00	22.59 1.14 0.00	23.33 1.13 0.00	24.84 1.23 0.00	24.04 1.23 0.00	25.05 1.31 0.00	25.47 1.42 0.00	25.30 1.70 0.00	26.05 1.68 0.00	26.26 1.79 0.00	26.21 1.78 0.00	27.09 1.84 0.00	29.56 1.98 -0.10	34.81 2.43 0.00	40.49 2.65 0.00	43.27 2.94 0.00	41.90 2.70 0.00	37.98 2.65 0.00	33.30 2.38 0.00	29.69 2.05 0.00	27.44 1.87 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	28.61 1.64 0.00	26.15 1.41 0.00	24.11 1.19 0.00	22.92 1.15 0.00	22.57 1.12 0.00	23.33 1.13 0.00	24.82 1.20 0.00	24.02 1.21 0.00	25.05 1.31 0.00	25.47 1.42 0.00	25.27 1.68 0.00	26.05 1.68 0.00	26.24 1.76 0.00	26.19 1.76 0.00	27.06 1.82 0.00	29.56 1.98 -0.10	34.81 2.43 0.00	40.45 2.61 0.00	43.23 2.90 0.00	41.86 2.67 0.00	37.98 2.65 0.00	33.26 2.35 0.00	29.66 2.02 0.00	27.42 1.84 0.00
FARRAGUT___LBMP 323566	28.58 1.62 0.00	26.15 1.41 0.00	24.09 1.17 0.00	22.90 1.13 0.00	22.57 1.12 0.00	23.31 1.11 0.00	24.82 1.20 0.00	23.99 1.19 0.00	25.03 1.28 0.00	25.45 1.39 0.00	25.27 1.68 0.00	26.03 1.66 0.00	26.21 1.74 0.00	26.16 1.73 0.00	27.06 1.82 0.00	29.54 1.95 -0.10	34.77 2.40 0.00	40.41 2.57 0.00	43.19 2.86 0.00	41.82 2.63 0.00	37.95 2.61 0.00	33.23 2.32 0.00	29.63 1.99 0.00	27.42 1.84 0.00
FENNER___WINDPWR 24204	27.58 0.62 0.00	25.28 0.54 0.00	23.40 0.48 0.00	22.21 0.44 0.00	21.90 0.45 0.00	22.66 0.47 0.00	24.11 0.50 0.00	23.40 0.59 0.00	24.22 0.47 0.00	24.63 0.58 0.00	24.04 0.45 0.00	24.88 0.51 0.00	25.01 0.54 0.00	24.94 0.51 0.00	25.77 0.53 0.00	28.09 0.60 0.00	32.99 0.61 0.00	38.60 0.76 0.00	41.41 1.09 0.00	40.21 1.02 0.00	36.18 0.85 0.00	31.72 0.80 0.00	28.30 0.66 0.00	26.30 0.54 -0.19
FIBERTEK___ENERGY 23856	26.93 -0.03 0.00	24.69 -0.05 0.00	22.87 -0.05 0.00	21.68 -0.09 0.00	21.39 -0.06 0.00	22.13 -0.07 0.00	23.57 -0.05 0.00	22.85 0.05 0.00	23.70 -0.05 0.00	24.05 0.00 0.00	23.48 -0.12 0.00	24.34 -0.02 0.00	24.45 -0.02 0.00	24.43 0.00 0.00	25.22 -0.03 0.00	27.46 -0.03 0.00	32.18 -0.19 0.00	37.65 -0.19 0.00	40.28 -0.04 0.00	38.96 -0.24 0.00	35.16 -0.18 0.00	30.79 -0.12 0.00	27.59 -0.06 0.00	25.89 -0.13 -0.44
FITZPATRICK____ 23598	26.29 -0.67 0.00	24.09 -0.64 0.00	22.37 -0.55 0.00	21.23 -0.54 0.00	20.92 -0.54 0.00	21.66 -0.53 0.00	23.02 -0.59 0.00	22.33 -0.48 0.00	23.13 -0.62 0.00	23.47 -0.58 0.00	22.91 -0.69 0.00	23.73 -0.63 0.00	23.82 -0.66 0.00	23.79 -0.64 0.00	24.59 -0.66 0.00	26.75 -0.74 0.00	31.44 -0.94 0.00	36.71 -1.13 0.00	39.24 -1.09 0.00	38.06 -1.14 0.00	34.27 -1.06 0.00	30.05 -0.87 0.00	26.90 -0.75 0.00	22.47 -0.74 2.36
FLOWRFLD_69_KV_BK1 356044	29.07 1.81 -0.30	26.80 1.61 -0.45	24.60 1.38 -0.31	23.28 1.35 -0.16	22.76 1.31 0.00	25.44 1.33 -1.92	24.75 1.13 0.00	24.15 1.35 0.00	25.05 1.31 0.00	25.97 1.54 -0.38	28.99 1.77 -3.62	29.74 1.75 -3.62	29.75 1.84 -3.43	31.26 1.86 -4.97	30.66 1.92 -3.50	32.66 2.12 -3.05	36.43 2.85 -1.20	41.25 3.41 0.00	43.91 3.59 0.00	42.49 3.29 0.00	38.34 3.00 0.00	35.78 2.63 -2.24	30.78 2.16 -0.99	29.68 2.02 -2.08
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	28.39 1.43 0.00	26.00 1.26 0.00	24.02 1.10 0.00	22.82 1.04 0.00	22.48 1.03 0.00	23.26 1.07 0.00	24.75 1.13 0.00	23.81 1.00 0.00	24.84 1.09 0.00	25.08 1.03 0.00	24.85 1.25 0.00	25.56 1.19 0.00	25.80 1.32 0.00	25.70 1.27 0.00	26.61 1.36 0.00	29.08 1.51 -0.08	34.26 1.88 0.00	40.04 2.19 0.00	42.95 2.62 0.00	41.59 2.39 0.00	37.63 2.30 0.00	32.96 2.04 0.00	29.38 1.74 0.00	27.21 1.64 0.00
FORT ORANGE____ 23900	27.50 0.54 0.00	25.26 0.52 0.00	23.35 0.43 0.00	22.23 0.46 0.00	21.92 0.47 0.00	22.73 0.53 0.00	24.13 0.52 0.00	23.15 0.34 0.00	24.15 0.40 0.00	24.27 0.22 0.00	23.90 0.31 0.00	24.56 0.19 0.00	24.67 0.19 0.00	24.60 0.17 0.00	25.42 0.18 0.00	27.68 0.27 0.08	32.83 0.45 0.00	38.56 0.72 0.00	41.45 1.13 0.00	40.41 1.22 0.00	36.36 1.03 0.00	31.69 0.77 0.00	28.33 0.69 0.00	26.29 0.72 0.00
FORT_DRUM_COGEN 23780	27.39 0.43 0.00	25.11 0.37 0.00	23.24 0.32 0.00	22.05 0.28 0.00	21.71 0.26 0.00	22.46 0.27 0.00	23.94 0.33 0.00	23.29 0.48 0.00	24.06 0.31 0.00	24.39 0.34 0.00	23.71 0.12 0.00	24.47 0.10 0.00	24.52 0.05 0.00	24.43 0.00 0.00	25.27 0.03 0.00	27.60 0.11 0.00	32.51 0.13 0.00	38.14 0.30 0.00	41.09 0.77 0.00	40.02 0.82 0.00	36.04 0.71 0.00	31.56 0.65 0.00	27.97 0.33 0.00	26.05 0.13 -0.35
FOX_HILLS___ESR 323835	28.88 1.91 0.00	26.39 1.66 0.00	24.25 1.33 0.00	23.10 1.33 0.00	22.74 1.29 0.00	23.26 1.07 0.00	24.65 1.04 0.00	23.72 0.91 0.00	24.77 1.02 0.00	25.23 1.18 0.00	25.08 1.49 0.00	25.83 1.46 0.00	26.02 1.54 0.00	25.99 1.56 0.00	26.86 1.62 0.00	29.32 1.73 -0.10	34.58 2.20 0.00	40.22 2.38 0.00	42.99 2.66 0.00	41.67 2.47 0.00	37.77 2.44 0.00	33.11 2.19 0.00	29.66 2.02 0.00	27.55 1.97 0.00
FPL FAR_ROCK_GT1 24212	29.45 2.18 -0.30	27.14 1.95 -0.45	24.92 1.70 -0.31	23.52 1.59 -0.16	23.02 1.57 0.00	25.76 1.64 -1.92	25.15 1.53 0.00	24.40 1.60 0.00	25.62 1.88 0.00	26.30 1.88 -0.38	29.36 2.15 -3.62	30.16 2.17 -3.62	30.14 2.23 -3.43	31.70 2.30 -4.97	31.09 2.35 -3.50	33.13 2.58 -3.05	36.69 3.11 -1.20	41.32 3.48 0.00	44.20 3.87 0.00	43.12 3.92 0.00	38.73 3.39 0.00	36.19 3.03 -2.24	31.26 2.63 -0.99	30.04 2.38 -2.08



FPL FAR_ROCK_GT2 23815	29.45 2.18 -0.30	27.14 1.95 -0.45	24.92 1.70 -0.31	23.52 1.59 -0.16	23.02 1.57 0.00	25.76 1.64 -1.92	25.15 1.53 0.00	24.40 1.60 0.00	25.62 1.88 0.00	26.30 1.88 -0.38	29.36 2.15 -3.62	30.16 2.17 -3.62	30.14 2.23 -3.43	31.70 2.30 -4.97	31.09 2.35 -3.50	33.13 2.58 -3.05	36.69 3.11 -1.20	41.32 3.48 0.00	44.20 3.87 0.00	43.12 3.92 0.00	38.73 3.39 0.00	36.19 3.03 -2.24	31.26 2.63 -0.99	30.04 2.38 -2.08
FRANKLIN_FALL_HYD 24054	27.15 0.19 0.00	25.01 0.27 0.00	23.19 0.28 0.00	22.10 0.33 0.00	21.71 0.26 0.00	22.37 0.18 0.00	23.99 0.38 0.00	23.10 0.30 0.00	24.08 0.33 0.00	24.46 0.41 0.00	23.97 0.38 0.00	24.71 0.34 0.00	24.72 0.24 0.00	24.60 0.17 0.00	25.39 0.15 0.00	27.60 0.11 0.00	32.70 0.32 0.00	38.22 0.38 0.00	40.33 0.00 0.00	39.31 0.12 0.00	35.26 -0.07 0.00	30.54 -0.37 0.00	27.23 -0.41 0.00	25.22 -0.36 0.00
FREEPORT_EQUS_GT1 23764	29.26 2.00 -0.30	26.97 1.78 -0.45	24.76 1.54 -0.31	23.39 1.46 -0.16	22.89 1.44 0.00	25.60 1.49 -1.92	24.98 1.37 0.00	24.27 1.46 0.00	25.48 1.73 0.00	26.16 1.73 -0.38	29.17 1.96 -3.62	29.96 1.97 -3.62	29.94 2.03 -3.43	31.45 2.05 -4.97	30.87 2.12 -3.50	32.88 2.34 -3.05	36.40 2.82 -1.20	41.02 3.18 0.00	43.83 3.51 0.00	42.76 3.57 0.00	38.41 3.07 0.00	35.88 2.72 -2.24	31.01 2.38 -0.99	29.86 2.20 -2.08
FREEPORT___CT2 23818	29.26 2.00 -0.30	26.97 1.78 -0.45	24.76 1.54 -0.31	23.39 1.46 -0.16	22.89 1.44 0.00	25.60 1.49 -1.92	24.98 1.37 0.00	24.27 1.46 0.00	25.48 1.73 0.00	26.16 1.73 -0.38	29.17 1.96 -3.62	29.96 1.97 -3.62	29.94 2.03 -3.43	31.45 2.05 -4.97	30.87 2.12 -3.50	32.88 2.34 -3.05	36.40 2.82 -1.20	41.02 3.18 0.00	43.83 3.51 0.00	42.76 3.57 0.00	38.41 3.07 0.00	35.88 2.72 -2.24	31.01 2.38 -0.99	29.86 2.20 -2.08
FRESHKLS_33_KV_LOAD 356253	28.96 2.00 0.00	26.47 1.73 0.00	24.32 1.40 0.00	23.14 1.37 0.00	22.78 1.33 0.00	23.28 1.09 0.00	24.65 1.04 0.00	23.70 0.89 0.00	24.75 1.00 0.00	25.18 1.13 0.00	25.04 1.44 0.00	25.81 1.44 0.00	25.99 1.52 0.00	25.94 1.51 0.00	26.81 1.57 0.00	29.26 1.68 -0.10	34.55 2.17 0.00	40.19 2.35 0.00	42.91 2.58 0.00	41.63 2.43 0.00	37.74 2.40 0.00	33.08 2.16 0.00	29.69 2.05 0.00	27.60 2.02 0.00
FULTON COGEN____ 23766	26.66 -0.30 0.00	24.44 -0.30 0.00	22.64 -0.28 0.00	21.51 -0.26 0.00	21.19 -0.26 0.00	21.93 -0.27 0.00	23.33 -0.28 0.00	22.63 -0.18 0.00	23.49 -0.26 0.00	23.81 -0.24 0.00	23.24 -0.35 0.00	24.08 -0.29 0.00	24.18 -0.29 0.00	24.14 -0.29 0.00	24.94 -0.30 0.00	27.16 -0.33 0.00	31.86 -0.52 0.00	37.27 -0.57 0.00	39.88 -0.44 0.00	38.57 -0.63 0.00	34.80 -0.53 0.00	30.48 -0.43 0.00	27.31 -0.33 0.00	25.94 -0.41 -0.78
FULTON___LFGE 323630	29.23 2.27 0.00	26.76 2.03 0.00	24.71 1.79 0.00	23.45 1.68 0.00	23.10 1.65 0.00	23.93 1.73 0.00	25.41 1.79 0.00	24.29 1.48 0.00	25.20 1.45 0.00	25.25 1.20 0.00	24.73 1.13 0.00	25.51 1.15 0.00	25.55 1.08 0.00	25.41 0.98 0.00	26.38 1.14 0.00	28.88 1.46 0.07	34.81 2.43 0.00	41.02 3.18 0.00	44.36 4.03 0.00	43.27 4.08 0.00	38.83 3.50 0.00	33.79 2.88 0.00	30.18 2.54 0.00	27.85 2.28 0.00
G.F.CEMENT___DRP 24184	28.79 1.83 0.00	26.42 1.68 0.00	24.38 1.47 0.00	23.16 1.39 0.00	22.80 1.35 0.00	23.64 1.44 0.00	25.10 1.49 0.00	24.04 1.23 0.00	25.10 1.35 0.00	25.33 1.27 0.00	24.92 1.32 0.00	25.66 1.29 0.00	25.68 1.20 0.00	25.53 1.10 0.00	26.43 1.19 0.00	28.79 1.40 0.10	34.26 1.88 0.00	40.38 2.54 0.00	43.63 3.31 0.00	42.33 3.14 0.00	38.23 2.90 0.00	33.26 2.35 0.00	29.71 2.07 0.00	27.52 1.94 0.00
GARDENVILLE___LBMP 24039	27.61 0.65 0.00	25.23 0.49 0.00	23.26 0.34 0.00	21.84 0.07 0.00	21.58 0.13 0.00	22.42 0.22 0.00	23.80 0.19 0.00	23.45 0.64 0.00	24.20 0.45 0.00	24.75 0.70 0.00	24.38 0.78 0.00	25.59 1.22 0.00	25.50 1.03 0.00	25.63 1.20 0.00	26.38 1.14 0.00	28.64 1.15 0.00	32.96 0.58 0.00	38.03 0.19 0.00	40.89 0.56 0.00	38.37 -0.82 0.00	34.98 -0.35 0.00	30.76 -0.15 0.00	28.11 0.47 0.00	25.91 0.33 0.00
GARDNVLA_35_KV_LD 355827	27.74 0.78 0.00	25.33 0.59 0.00	23.38 0.46 0.00	21.94 0.17 0.00	21.67 0.21 0.00	22.53 0.33 0.00	23.92 0.31 0.00	23.56 0.75 0.00	24.32 0.57 0.00	24.87 0.82 0.00	24.49 0.90 0.00	25.71 1.34 0.00	25.63 1.15 0.00	25.77 1.34 0.00	26.51 1.26 0.00	28.81 1.32 0.00	33.12 0.74 0.00	38.18 0.34 0.00	41.09 0.77 0.00	38.53 -0.67 0.00	35.16 -0.18 0.00	30.91 0.00 0.00	28.25 0.61 0.00	26.04 0.46 0.00
GELCKHM___115KV_LOAD 80723	26.77 -0.19 0.00	24.54 -0.20 0.00	22.73 -0.18 0.00	21.57 -0.20 0.00	21.26 -0.19 0.00	22.02 -0.18 0.00	23.42 -0.19 0.00	22.72 -0.09 0.00	23.58 -0.17 0.00	23.91 -0.14 0.00	23.34 -0.26 0.00	24.20 -0.17 0.00	24.30 -0.17 0.00	24.26 -0.17 0.00	25.07 -0.18 0.00	27.29 -0.19 0.00	32.02 -0.36 0.00	37.42 -0.42 0.00	40.04 -0.28 0.00	38.69 -0.51 0.00	34.91 -0.42 0.00	30.61 -0.31 0.00	27.42 -0.22 0.00	25.58 -0.28 -0.28
GENERAL___MILLS 23808	27.72 0.75 0.00	25.30 0.57 0.00	23.33 0.41 0.00	21.92 0.15 0.00	21.64 0.19 0.00	22.49 0.29 0.00	23.87 0.26 0.00	23.52 0.71 0.00	24.29 0.55 0.00	24.82 0.77 0.00	24.45 0.85 0.00	25.66 1.29 0.00	25.60 1.13 0.00	25.72 1.29 0.00	26.46 1.21 0.00	28.75 1.26 0.00	33.06 0.68 0.00	38.14 0.30 0.00	41.01 0.69 0.00	38.49 -0.71 0.00	35.09 -0.25 0.00	30.88 -0.03 0.00	28.19 0.55 0.00	26.01 0.43 0.00
GE_PLASTICS___DRP 24183	27.45 0.49 0.00	25.23 0.49 0.00	23.33 0.41 0.00	22.18 0.41 0.00	21.90 0.45 0.00	22.68 0.49 0.00	24.11 0.50 0.00	23.13 0.32 0.00	24.08 0.33 0.00	24.29 0.24 0.00	23.93 0.33 0.00	24.59 0.22 0.00	24.67 0.20 0.00	24.62 0.20 0.00	25.45 0.20 0.00	27.69 0.27 0.08	32.83 0.45 0.00	38.48 0.64 0.00	41.33 1.01 0.00	40.14 0.94 0.00	36.25 0.92 0.00	31.66 0.74 0.00	28.28 0.64 0.00	26.27 0.69 0.00
GILBOA___1 23756	27.61 0.65 0.00	25.33 0.59 0.00	23.56 0.64 0.00	22.38 0.61 0.00	22.05 0.60 0.00	22.84 0.64 0.00	24.27 0.66 0.00	23.31 0.50 0.00	24.30 0.55 0.00	24.56 0.51 0.00	24.21 0.61 0.00	24.95 0.58 0.00	25.09 0.61 0.00	25.04 0.61 0.00	25.90 0.66 0.00	28.23 0.71 -0.03	33.25 0.87 0.00	38.75 0.91 0.00	41.50 1.17 0.00	40.37 1.17 0.00	36.32 0.99 0.00	31.81 0.90 0.00	28.44 0.80 0.00	26.37 0.79 0.00
GILBOA___2 23757	27.61 0.65 0.00	25.33 0.59 0.00	23.56 0.64 0.00	22.38 0.61 0.00	22.05 0.60 0.00	22.84 0.64 0.00	24.27 0.66 0.00	23.31 0.50 0.00	24.30 0.55 0.00	24.56 0.51 0.00	24.21 0.61 0.00	24.95 0.58 0.00	25.09 0.61 0.00	25.04 0.61 0.00	25.90 0.66 0.00	28.23 0.71 -0.03	33.25 0.87 0.00	38.75 0.91 0.00	41.50 1.17 0.00	40.37 1.17 0.00	36.32 0.99 0.00	31.81 0.90 0.00	28.44 0.80 0.00	26.37 0.79 0.00



GILBOA___3 23758	27.61 0.65 0.00	25.33 0.59 0.00	23.56 0.64 0.00	22.38 0.61 0.00	22.05 0.60 0.00	22.84 0.64 0.00	24.27 0.66 0.00	23.31 0.50 0.00	24.30 0.55 0.00	24.56 0.51 0.00	24.21 0.61 0.00	24.95 0.58 0.00	25.09 0.61 0.00	25.04 0.61 0.00	25.90 0.66 0.00	28.23 0.71 -0.03	33.25 0.87 0.00	38.75 0.91 0.00	41.50 1.17 0.00	40.37 1.17 0.00	36.32 0.99 0.00	31.81 0.90 0.00	28.44 0.80 0.00	26.37 0.79 0.00
GILBOA___4 23759	27.61 0.65 0.00	25.33 0.59 0.00	23.56 0.64 0.00	22.38 0.61 0.00	22.05 0.60 0.00	22.84 0.64 0.00	24.27 0.66 0.00	23.31 0.50 0.00	24.30 0.55 0.00	24.56 0.51 0.00	24.21 0.61 0.00	24.95 0.58 0.00	25.09 0.61 0.00	25.04 0.61 0.00	25.90 0.66 0.00	28.23 0.71 -0.03	33.25 0.87 0.00	38.75 0.91 0.00	41.50 1.17 0.00	40.37 1.17 0.00	36.32 0.99 0.00	31.81 0.90 0.00	28.44 0.80 0.00	26.37 0.79 0.00
GILBOA___ 23599	27.61 0.65 0.00	25.33 0.59 0.00	23.56 0.64 0.00	22.38 0.61 0.00	22.05 0.60 0.00	22.84 0.64 0.00	24.27 0.66 0.00	23.31 0.50 0.00	24.25 0.50 0.00	24.56 0.51 0.00	24.21 0.61 0.00	24.95 0.58 0.00	25.09 0.61 0.00	25.04 0.61 0.00	25.90 0.66 0.00	28.23 0.71 -0.03	33.25 0.87 0.00	38.75 0.91 0.00	41.49 1.17 0.00	40.18 0.98 0.00	36.32 0.99 0.00	31.84 0.93 0.00	28.44 0.80 0.00	26.37 0.79 0.00
GINNA___ 23603	25.85 -1.11 0.00	23.67 -1.06 0.00	21.86 -1.05 0.00	20.66 -1.11 0.00	20.36 -1.09 0.00	21.13 -1.07 0.00	22.48 -1.13 0.00	22.01 -0.80 0.00	22.75 -1.00 0.00	23.23 -0.82 0.00	22.77 -0.83 0.00	23.73 -0.63 0.00	23.77 -0.71 0.00	23.79 -0.64 0.00	24.54 -0.71 0.00	26.72 -0.77 0.00	31.08 -1.30 0.00	36.21 -1.63 0.00	38.91 -1.41 0.00	37.47 -1.72 0.00	33.60 -1.73 0.00	29.65 -1.27 0.00	26.59 -1.05 0.00	24.58 -1.00 0.00
GLEN PARK___ 23778	27.61 0.65 0.00	25.31 0.57 0.00	23.40 0.48 0.00	22.21 0.44 0.00	21.88 0.43 0.00	22.62 0.42 0.00	24.11 0.50 0.00	23.47 0.66 0.00	24.18 0.43 0.00	24.56 0.51 0.00	23.83 0.24 0.00	24.61 0.24 0.00	24.65 0.17 0.00	24.58 0.15 0.00	25.42 0.18 0.00	27.79 0.30 0.00	32.70 0.32 0.00	38.44 0.60 0.00	41.50 1.17 0.00	40.45 1.25 0.00	36.36 1.03 0.00	31.90 0.99 0.00	28.25 0.61 0.00	26.30 0.36 -0.37
GLENDALE_27_KV_LOAD 356172	28.74 1.78 0.00	26.29 1.56 0.00	24.18 1.26 0.00	23.01 1.24 0.00	22.65 1.20 0.00	23.33 1.13 0.00	24.82 1.20 0.00	23.99 1.19 0.00	25.03 1.28 0.00	25.49 1.44 0.00	25.32 1.72 0.00	26.07 1.71 0.00	26.26 1.79 0.00	26.24 1.81 0.00	27.11 1.87 0.00	29.56 1.98 -0.10	34.84 2.46 0.00	40.53 2.69 0.00	43.31 2.98 0.00	41.98 2.78 0.00	38.05 2.72 0.00	33.30 2.38 0.00	29.74 2.10 0.00	27.52 1.94 0.00
GLENWOOD_IC_1_G5 23712	29.26 2.00 -0.30	26.97 1.78 -0.45	24.76 1.54 -0.31	23.41 1.48 -0.16	22.89 1.44 0.00	25.60 1.49 -1.92	25.01 1.39 0.00	24.31 1.51 0.00	25.29 1.54 0.00	26.16 1.73 -0.38	29.20 1.98 -3.62	29.99 2.00 -3.62	29.99 2.08 -3.43	31.50 2.10 -4.97	30.89 2.15 -3.50	32.91 2.36 -3.05	36.43 2.85 -1.20	40.72 2.88 0.00	43.55 3.23 0.00	42.14 2.94 0.00	38.48 3.14 0.00	35.97 2.81 -2.24	31.03 2.40 -0.99	29.86 2.20 -2.08
GLENWOOD_IC_2_G1 23688	29.18 1.91 -0.30	26.90 1.71 -0.45	24.72 1.49 -0.31	23.35 1.41 -0.16	22.83 1.37 0.00	25.53 1.42 -1.92	24.96 1.35 0.00	24.22 1.41 0.00	25.41 1.66 0.00	26.08 1.66 -0.38	29.13 1.91 -3.62	29.89 1.90 -3.62	29.89 1.98 -3.43	31.40 2.00 -4.97	30.82 2.07 -3.50	32.80 2.25 -3.05	36.33 2.75 -1.20	40.83 2.99 0.00	43.63 3.31 0.00	42.57 3.37 0.00	38.34 3.00 0.00	35.82 2.66 -2.24	30.95 2.32 -0.99	29.78 2.12 -2.08
GLENWOOD_IC_3_G1 23689	29.18 1.91 -0.30	26.90 1.71 -0.45	24.72 1.49 -0.31	23.35 1.41 -0.16	22.83 1.37 0.00	25.53 1.42 -1.92	24.96 1.35 0.00	24.22 1.41 0.00	25.41 1.66 0.00	26.08 1.66 -0.38	29.13 1.91 -3.62	29.89 1.90 -3.62	29.89 1.98 -3.43	31.40 2.00 -4.97	30.82 2.07 -3.50	32.80 2.25 -3.05	36.33 2.75 -1.20	40.83 2.99 0.00	43.63 3.31 0.00	42.57 3.37 0.00	38.34 3.00 0.00	35.82 2.66 -2.24	30.95 2.32 -0.99	29.78 2.12 -2.08
GLENWOOD___4 23550	29.26 2.00 -0.30	26.97 1.78 -0.45	24.76 1.54 -0.31	23.41 1.48 -0.16	22.89 1.44 0.00	25.60 1.49 -1.92	25.01 1.39 0.00	24.31 1.51 0.00	25.29 1.54 0.00	26.16 1.73 -0.38	29.20 1.98 -3.62	29.99 2.00 -3.62	29.99 2.08 -3.43	31.50 2.10 -4.97	30.89 2.15 -3.50	32.91 2.36 -3.05	36.43 2.85 -1.20	40.83 2.99 0.00	43.63 3.31 0.00	42.25 3.06 0.00	38.48 3.14 0.00	35.97 2.81 -2.24	31.03 2.40 -0.99	29.86 2.20 -2.08
GLENWOOD___5 23614	29.26 2.00 -0.30	26.97 1.78 -0.45	24.76 1.54 -0.31	23.41 1.48 -0.16	22.89 1.44 0.00	25.60 1.49 -1.92	25.01 1.39 0.00	24.31 1.51 0.00	25.29 1.54 0.00	26.16 1.73 -0.38	29.20 1.98 -3.62	29.99 2.00 -3.62	29.99 2.08 -3.43	31.50 2.10 -4.97	30.89 2.15 -3.50	32.91 2.36 -3.05	36.43 2.85 -1.20	40.83 2.99 0.00	43.63 3.31 0.00	42.25 3.06 0.00	38.48 3.14 0.00	35.97 2.81 -2.24	31.03 2.40 -0.99	29.86 2.20 -2.08
GLOBAL GREEN_PORT_GT1 23814	27.94 0.67 -0.30	25.71 0.52 -0.45	23.66 0.43 -0.31	22.48 0.54 -0.16	21.95 0.49 0.00	24.58 0.47 -1.92	23.66 0.05 0.00	23.10 0.30 0.00	24.34 0.59 0.00	25.05 0.62 -0.38	28.14 0.92 -3.62	28.89 0.90 -3.62	28.84 0.93 -3.43	30.40 1.00 -4.97	29.70 0.96 -3.50	31.72 1.18 -3.05	35.85 2.27 -1.20	40.68 2.84 0.00	43.03 2.70 0.00	42.02 2.82 0.00	37.38 2.05 0.00	34.79 1.64 -2.24	29.73 1.11 -0.99	28.60 0.95 -2.08
GLOBE___DSASP 323697	26.64 -0.32 0.00	24.46 -0.27 0.00	22.55 -0.37 0.00	21.20 -0.57 0.00	20.94 -0.51 0.00	21.75 -0.44 0.00	22.93 -0.68 0.00	22.63 -0.18 0.00	23.37 -0.38 0.00	23.86 -0.19 0.00	23.45 -0.14 0.00	24.64 0.27 0.00	24.52 0.05 0.00	24.60 0.17 0.00	25.29 0.05 0.00	27.43 -0.05 0.00	31.50 -0.87 0.00	36.36 -1.48 0.00	39.08 -1.25 0.00	36.73 -2.47 0.00	33.50 -1.84 0.00	29.55 -1.36 0.00	27.06 -0.58 0.00	25.02 -0.56 0.00
GOETHSLN___LBMP 323567	28.47 1.51 0.00	26.02 1.29 0.00	23.97 1.05 0.00	22.79 1.02 0.00	22.46 1.01 0.00	23.22 1.02 0.00	24.72 1.11 0.00	23.95 1.14 0.00	24.96 1.21 0.00	25.37 1.32 0.00	25.20 1.60 0.00	25.95 1.58 0.00	26.16 1.69 0.00	26.11 1.69 0.00	26.99 1.74 0.00	29.48 1.90 -0.10	34.68 2.30 0.00	40.26 2.42 0.00	43.03 2.70 0.00	41.67 2.47 0.00	37.77 2.44 0.00	33.14 2.23 0.00	29.55 1.91 0.00	27.32 1.74 0.00
GOLAH___69_KV_TB 1_2 80279	27.18 0.22 0.00	24.91 0.17 0.00	22.99 0.07 0.00	21.66 -0.11 0.00	21.37 -0.09 0.00	22.20 0.00 0.00	23.57 -0.05 0.00	23.10 0.30 0.00	23.89 0.14 0.00	24.34 0.29 0.00	23.88 0.28 0.00	24.95 0.58 0.00	24.92 0.44 0.00	24.92 0.49 0.00	25.65 0.40 0.00	27.93 0.44 0.00	32.44 0.06 0.00	37.69 -0.15 0.00	40.49 0.16 0.00	38.57 -0.63 0.00	34.94 -0.39 0.00	30.67 -0.25 0.00	27.83 0.19 0.00	25.68 0.10 0.00



GOODYEAR_LAKE_HYD 323669	28.34 1.38 0.00	25.95 1.21 0.00	24.04 1.12 0.00	22.82 1.04 0.00	22.48 1.03 0.00	23.26 1.07 0.00	24.75 1.13 0.00	23.95 1.14 0.00	24.82 1.07 0.00	25.20 1.15 0.00	24.71 1.11 0.00	25.51 1.15 0.00	25.65 1.17 0.00	25.58 1.15 0.00	26.43 1.19 0.00	28.86 1.37 0.00	34.03 1.65 0.00	39.81 1.97 0.00	42.79 2.46 0.00	41.43 2.23 0.00	37.38 2.05 0.00	32.74 1.82 0.00	29.24 1.60 0.00	27.03 1.38 -0.07
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	27.50 0.54 0.00	25.18 0.45 0.00	23.28 0.37 0.00	22.03 0.26 0.00	21.73 0.28 0.00	22.51 0.31 0.00	23.99 0.38 0.00	23.33 0.52 0.00	24.18 0.43 0.00	24.58 0.53 0.00	24.12 0.52 0.00	25.05 0.68 0.00	25.14 0.66 0.00	25.11 0.68 0.00	25.95 0.71 0.00	28.23 0.74 0.00	33.03 0.65 0.00	38.52 0.68 0.00	41.21 0.89 0.00	39.59 0.39 0.00	35.83 0.49 0.00	31.47 0.56 0.00	28.22 0.58 0.00	26.23 0.49 -0.17
GOUDEY___7 23579	27.50 0.54 0.00	25.18 0.45 0.00	23.28 0.37 0.00	22.03 0.26 0.00	21.73 0.28 0.00	22.51 0.31 0.00	23.99 0.38 0.00	23.33 0.52 0.00	24.18 0.43 0.00	24.58 0.53 0.00	24.12 0.52 0.00	25.05 0.68 0.00	25.14 0.66 0.00	25.11 0.68 0.00	25.95 0.71 0.00	28.23 0.74 0.00	33.03 0.65 0.00	38.52 0.68 0.00	41.21 0.89 0.00	39.59 0.39 0.00	35.83 0.49 0.00	31.47 0.56 0.00	28.22 0.58 0.00	26.23 0.49 -0.17
GOUDEY___8 23580	27.50 0.54 0.00	25.18 0.45 0.00	23.28 0.37 0.00	22.03 0.26 0.00	21.73 0.28 0.00	22.51 0.31 0.00	23.99 0.38 0.00	23.33 0.52 0.00	24.18 0.43 0.00	24.58 0.53 0.00	24.12 0.52 0.00	25.05 0.68 0.00	25.14 0.66 0.00	25.11 0.68 0.00	25.95 0.71 0.00	28.23 0.74 0.00	33.03 0.65 0.00	38.52 0.68 0.00	41.21 0.89 0.00	39.59 0.39 0.00	35.83 0.49 0.00	31.47 0.56 0.00	28.22 0.58 0.00	26.23 0.49 -0.17
GOWANUS_GT1_1 24077	28.79 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	24.91 1.16 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	41.86 2.67 0.00	37.95 2.61 0.00	33.23 2.32 0.00	29.71 2.07 0.00	27.52 1.94 0.00
GOWANUS_GT1_2 24078	28.79 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	24.91 1.16 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	41.86 2.67 0.00	37.95 2.61 0.00	33.23 2.32 0.00	29.71 2.07 0.00	27.52 1.94 0.00
GOWANUS_GT1_3 24079	28.79 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	24.91 1.16 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	41.86 2.67 0.00	37.95 2.61 0.00	33.23 2.32 0.00	29.71 2.07 0.00	27.52 1.94 0.00
GOWANUS_GT1_4 24080	28.79 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	24.91 1.16 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	41.86 2.67 0.00	37.95 2.61 0.00	33.23 2.32 0.00	29.71 2.07 0.00	27.52 1.94 0.00
GOWANUS_GT1_5 24084	28.79 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	24.91 1.16 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	41.86 2.67 0.00	37.95 2.61 0.00	33.23 2.32 0.00	29.71 2.07 0.00	27.52 1.94 0.00
GOWANUS_GT1_6 24111	28.79 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	24.91 1.16 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	41.86 2.67 0.00	37.95 2.61 0.00	33.23 2.32 0.00	29.71 2.07 0.00	27.52 1.94 0.00
GOWANUS_GT1_7 24112	28.79 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	24.91 1.16 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	41.86 2.67 0.00	37.95 2.61 0.00	33.23 2.32 0.00	29.71 2.07 0.00	27.52 1.94 0.00
GOWANUS_GT1_8 24113	28.79 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	24.91 1.16 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	41.86 2.67 0.00	37.95 2.61 0.00	33.23 2.32 0.00	29.71 2.07 0.00	27.52 1.94 0.00
GOWANUS_GT2_1 24114	28.80 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	25.01 1.26 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	42.17 2.98 0.00	37.95 2.61 0.00	33.17 2.26 0.00	29.72 2.07 0.00	27.52 1.94 0.00
GOWANUS_GT2_2 24115	28.80 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	25.01 1.26 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	42.17 2.98 0.00	37.95 2.61 0.00	33.17 2.26 0.00	29.72 2.07 0.00	27.52 1.94 0.00
GOWANUS_GT2_3 24116	28.80 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	25.01 1.26 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	42.17 2.98 0.00	37.95 2.61 0.00	33.17 2.26 0.00	29.72 2.07 0.00	27.52 1.94 0.00



GOWANUS_GT2_4 24117	28.80 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	25.01 1.26 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	42.17 2.98 0.00	37.95 2.61 0.00	33.17 2.26 0.00	29.72 2.07 0.00	27.52 1.94 0.00
GOWANUS_GT2_5 24118	28.80 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	25.01 1.26 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	42.17 2.98 0.00	37.95 2.61 0.00	33.17 2.26 0.00	29.72 2.07 0.00	27.52 1.94 0.00
GOWANUS_GT2_6 24119	28.80 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	25.01 1.26 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	42.17 2.98 0.00	37.95 2.61 0.00	33.17 2.26 0.00	29.72 2.07 0.00	27.52 1.94 0.00
GOWANUS_GT2_7 24120	28.80 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	25.01 1.26 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	42.17 2.98 0.00	37.95 2.61 0.00	33.17 2.26 0.00	29.72 2.07 0.00	27.52 1.94 0.00
GOWANUS_GT2_8 24121	28.80 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	25.01 1.26 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	42.17 2.98 0.00	37.95 2.61 0.00	33.17 2.26 0.00	29.72 2.07 0.00	27.52 1.94 0.00
GOWANUS_GT3_1 24122	28.80 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	25.01 1.26 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	42.17 2.98 0.00	37.95 2.61 0.00	33.17 2.26 0.00	29.72 2.07 0.00	27.52 1.94 0.00
GOWANUS_GT3_2 24123	28.80 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	25.01 1.26 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	42.17 2.98 0.00	37.95 2.61 0.00	33.17 2.26 0.00	29.72 2.07 0.00	27.52 1.94 0.00
GOWANUS_GT3_3 24124	28.80 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	25.01 1.26 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	42.17 2.98 0.00	37.95 2.61 0.00	33.17 2.26 0.00	29.72 2.07 0.00	27.52 1.94 0.00
GOWANUS_GT3_4 24125	28.80 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	25.01 1.26 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	42.17 2.98 0.00	37.95 2.61 0.00	33.17 2.26 0.00	29.72 2.07 0.00	27.52 1.94 0.00
GOWANUS_GT3_5 24126	28.80 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	25.01 1.26 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	42.17 2.98 0.00	37.95 2.61 0.00	33.17 2.26 0.00	29.72 2.07 0.00	27.52 1.94 0.00
GOWANUS_GT3_6 24127	28.80 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	25.01 1.26 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	42.17 2.98 0.00	37.95 2.61 0.00	33.17 2.26 0.00	29.72 2.07 0.00	27.52 1.94 0.00
GOWANUS_GT3_7 24128	28.80 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	25.01 1.26 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	42.17 2.98 0.00	37.95 2.61 0.00	33.17 2.26 0.00	29.72 2.07 0.00	27.52 1.94 0.00
GOWANUS_GT3_8 24129	28.80 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	25.01 1.26 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	42.17 2.98 0.00	37.95 2.61 0.00	33.17 2.26 0.00	29.72 2.07 0.00	27.52 1.94 0.00
GOWANUS_GT4_1 24130	28.79 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	24.91 1.16 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	41.86 2.67 0.00	37.95 2.61 0.00	33.23 2.32 0.00	29.71 2.07 0.00	27.52 1.94 0.00
GOWANUS_GT4_2 24131	28.79 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	24.91 1.16 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	41.86 2.67 0.00	37.95 2.61 0.00	33.23 2.32 0.00	29.71 2.07 0.00	27.52 1.94 0.00



GOWANUS_GT4_3 24132	28.79 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	24.91 1.16 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	41.86 2.67 0.00	37.95 2.61 0.00	33.23 2.32 0.00	29.71 2.07 0.00	27.52 1.94 0.00
GOWANUS_GT4_4 24133	28.79 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	24.91 1.16 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	41.86 2.67 0.00	37.95 2.61 0.00	33.23 2.32 0.00	29.71 2.07 0.00	27.52 1.94 0.00
GOWANUS_GT4_5 24134	28.79 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	24.91 1.16 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	41.86 2.67 0.00	37.95 2.61 0.00	33.23 2.32 0.00	29.71 2.07 0.00	27.52 1.94 0.00
GOWANUS_GT4_6 24135	28.79 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	24.91 1.16 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	41.86 2.67 0.00	37.95 2.61 0.00	33.23 2.32 0.00	29.71 2.07 0.00	27.52 1.94 0.00
GOWANUS_GT4_7 24136	28.79 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	24.91 1.16 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	41.86 2.67 0.00	37.95 2.61 0.00	33.23 2.32 0.00	29.71 2.07 0.00	27.52 1.94 0.00
GOWANUS_GT4_8 24137	28.79 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	24.91 1.16 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	41.86 2.67 0.00	37.95 2.61 0.00	33.23 2.32 0.00	29.71 2.07 0.00	27.52 1.94 0.00
GREENBSH_115KV_TB3 55895	27.37 0.40 0.00	25.13 0.40 0.00	23.24 0.32 0.00	22.12 0.35 0.00	21.82 0.36 0.00	22.64 0.44 0.00	24.04 0.43 0.00	23.06 0.25 0.00	24.01 0.26 0.00	24.22 0.17 0.00	23.88 0.28 0.00	24.54 0.17 0.00	24.62 0.15 0.00	24.58 0.15 0.00	25.39 0.15 0.00	27.59 0.19 0.09	32.73 0.36 0.00	38.41 0.57 0.00	41.25 0.93 0.00	40.02 0.82 0.00	36.15 0.81 0.00	31.56 0.65 0.00	28.19 0.55 0.00	26.19 0.61 0.00
GREENIDGE_115KV_TB5 80291	27.63 0.67 0.00	25.26 0.52 0.00	23.31 0.39 0.00	22.03 0.26 0.00	21.73 0.28 0.00	22.53 0.33 0.00	24.04 0.43 0.00	23.49 0.68 0.00	24.25 0.50 0.00	24.75 0.70 0.00	24.21 0.61 0.00	25.25 0.88 0.00	25.28 0.81 0.00	25.28 0.86 0.00	26.10 0.86 0.00	28.42 0.93 0.00	33.09 0.71 0.00	38.37 0.53 0.00	41.17 0.85 0.00	39.35 0.16 0.00	35.55 0.21 0.00	31.44 0.53 0.00	28.30 0.66 0.00	26.20 0.49 -0.14
GREENIDGE___3 23582	27.63 0.67 0.00	25.26 0.52 0.00	23.31 0.39 0.00	22.03 0.26 0.00	21.73 0.28 0.00	22.53 0.33 0.00	24.04 0.43 0.00	23.49 0.68 0.00	24.25 0.50 0.00	24.75 0.70 0.00	24.21 0.61 0.00	25.25 0.88 0.00	25.28 0.81 0.00	25.28 0.86 0.00	26.10 0.86 0.00	28.42 0.93 0.00	33.09 0.71 0.00	38.37 0.53 0.00	41.17 0.85 0.00	39.35 0.16 0.00	35.55 0.21 0.00	31.44 0.53 0.00	28.30 0.66 0.00	26.20 0.49 -0.14
GREENIDGE___4 23583	27.64 0.67 0.00	25.26 0.52 0.00	23.31 0.39 0.00	22.03 0.26 0.00	21.73 0.28 0.00	22.53 0.33 0.00	24.04 0.43 0.00	23.52 0.71 0.00	24.22 0.47 0.00	24.75 0.70 0.00	24.21 0.61 0.00	25.24 0.88 0.00	25.28 0.81 0.00	25.28 0.85 0.00	26.10 0.86 0.00	28.42 0.94 0.00	33.12 0.75 0.00	38.37 0.53 0.00	41.13 0.81 0.00	39.63 0.43 0.00	35.83 0.49 0.00	31.59 0.68 0.00	28.30 0.66 0.00	26.25 0.54 -0.14
GREENLWN_69_KV_BK 3 55738	29.21 1.94 -0.30	26.92 1.73 -0.45	24.72 1.49 -0.31	23.37 1.44 -0.16	22.85 1.39 0.00	25.56 1.44 -1.92	24.94 1.32 0.00	24.27 1.46 0.00	25.24 1.50 0.00	26.11 1.68 -0.38	29.13 1.91 -3.62	29.91 1.93 -3.62	29.92 2.01 -3.43	31.40 2.00 -4.97	30.82 2.07 -3.50	32.80 2.25 -3.05	36.40 2.82 -1.20	41.02 3.18 0.00	43.83 3.51 0.00	42.41 3.21 0.00	38.37 3.04 0.00	35.85 2.69 -2.24	30.95 2.32 -0.99	29.81 2.15 -2.08
GREENWD_138_KV_38B11_REV_LBMP_J 345004	28.79 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	24.91 1.16 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	41.86 2.67 0.00	37.95 2.61 0.00	33.23 2.32 0.00	29.71 2.07 0.00	27.52 1.94 0.00
GRISSOM___SOLAR 323813	29.04 2.08 0.00	26.61 1.88 0.00	24.57 1.65 0.00	23.32 1.55 0.00	22.97 1.52 0.00	23.80 1.60 0.00	25.27 1.65 0.00	24.18 1.37 0.00	25.10 1.35 0.00	25.18 1.13 0.00	24.71 1.11 0.00	25.47 1.10 0.00	25.50 1.03 0.00	25.38 0.95 0.00	26.33 1.08 0.00	28.79 1.37 0.07	34.61 2.23 0.00	40.75 2.91 0.00	44.03 3.71 0.00	42.96 3.76 0.00	38.55 3.21 0.00	33.57 2.66 0.00	29.99 2.35 0.00	27.68 2.10 0.00
GROVEVILLE___HYD 323602	28.39 1.43 0.00	26.00 1.26 0.00	24.02 1.10 0.00	22.82 1.04 0.00	22.48 1.03 0.00	23.26 1.07 0.00	24.75 1.13 0.00	23.81 1.00 0.00	24.84 1.09 0.00	25.08 1.03 0.00	24.85 1.25 0.00	25.56 1.19 0.00	25.80 1.32 0.00	25.70 1.27 0.00	26.61 1.36 0.00	29.08 1.51 -0.08	34.26 1.88 0.00	40.04 2.19 0.00	42.95 2.62 0.00	41.59 2.39 0.00	37.63 2.30 0.00	32.96 2.04 0.00	29.38 1.74 0.00	27.21 1.64 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	26.93 -0.03 0.00	24.69 -0.05 0.00	22.87 -0.05 0.00	21.68 -0.09 0.00	21.39 -0.06 0.00	22.13 -0.07 0.00	23.57 -0.05 0.00	22.85 0.05 0.00	23.70 -0.05 0.00	24.05 0.00 0.00	23.48 -0.12 0.00	24.34 -0.02 0.00	24.45 -0.02 0.00	24.43 0.00 0.00	25.22 -0.03 0.00	27.46 -0.03 0.00	32.18 -0.19 0.00	37.65 -0.19 0.00	40.28 -0.04 0.00	38.96 -0.24 0.00	35.16 -0.18 0.00	30.79 -0.12 0.00	27.59 -0.06 0.00	25.89 -0.13 -0.44



HAMLTNNY_34_KV_TB 80303	26.96 0.00 0.00	24.71 -0.02 0.00	22.87 -0.05 0.00	21.70 -0.07 0.00	21.39 -0.06 0.00	22.15 -0.04 0.00	23.57 -0.05 0.00	22.90 0.09 0.00	23.75 0.00 0.00	24.10 0.05 0.00	23.53 -0.07 0.00	24.42 0.05 0.00	24.52 0.05 0.00	24.50 0.07 0.00	25.29 0.05 0.00	27.54 0.05 0.00	32.28 -0.10 0.00	37.73 -0.11 0.00	40.37 0.04 0.00	39.00 -0.20 0.00	35.19 -0.14 0.00	30.82 -0.09 0.00	27.64 0.00 0.00	25.95 -0.08 -0.45
HAMPSHIRE___PAPER_HYD 323593	27.10 0.14 0.00	24.89 0.15 0.00	23.06 0.14 0.00	21.92 0.15 0.00	21.58 0.13 0.00	22.26 0.07 0.00	23.78 0.17 0.00	23.01 0.20 0.00	23.87 0.12 0.00	24.24 0.19 0.00	23.67 0.07 0.00	24.42 0.05 0.00	24.40 -0.07 0.00	24.23 -0.20 0.00	25.04 -0.20 0.00	27.24 -0.25 0.00	32.09 -0.29 0.00	37.58 -0.26 0.00	40.12 -0.20 0.00	39.04 -0.16 0.00	35.30 -0.04 0.00	30.85 -0.06 0.00	27.37 -0.28 0.00	25.45 -0.28 -0.15
HARDSCRABBLE_WT_PWR 323673	27.07 0.11 0.00	24.86 0.12 0.00	23.03 0.12 0.00	21.88 0.11 0.00	21.58 0.13 0.00	22.33 0.13 0.00	23.71 0.09 0.00	22.92 0.11 0.00	23.89 0.14 0.00	24.27 0.22 0.00	23.81 0.21 0.00	24.59 0.22 0.00	24.75 0.27 0.00	24.70 0.27 0.00	25.52 0.28 0.00	27.82 0.33 0.00	32.73 0.36 0.00	38.18 0.34 0.00	40.77 0.44 0.00	39.51 0.31 0.00	35.51 0.18 0.00	31.07 0.16 0.00	27.67 0.03 0.00	25.53 -0.05 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	28.17 1.21 0.00	25.80 1.06 0.00	23.81 0.89 0.00	22.62 0.85 0.00	22.29 0.84 0.00	23.06 0.87 0.00	24.53 0.92 0.00	23.70 0.89 0.00	24.70 0.95 0.00	24.99 0.94 0.00	24.78 1.18 0.00	25.49 1.12 0.00	25.70 1.22 0.00	25.63 1.20 0.00	26.53 1.29 0.00	29.00 1.43 -0.08	34.13 1.75 0.00	39.85 2.01 0.00	42.66 2.34 0.00	41.27 2.08 0.00	37.38 2.05 0.00	32.74 1.82 0.00	29.19 1.55 0.00	27.04 1.46 0.00
HARSNRAD_115KV_TB1 81005	27.10 0.13 0.00	24.79 0.05 0.00	22.85 -0.07 0.00	21.47 -0.30 0.00	21.19 -0.26 0.00	22.04 -0.16 0.00	23.35 -0.26 0.00	23.04 0.23 0.00	23.80 0.05 0.00	24.31 0.26 0.00	23.90 0.31 0.00	25.12 0.76 0.00	25.01 0.54 0.00	25.11 0.68 0.00	25.82 0.58 0.00	28.04 0.55 0.00	32.22 -0.16 0.00	37.20 -0.64 0.00	40.04 -0.28 0.00	37.59 -1.61 0.00	34.27 -1.06 0.00	30.17 -0.74 0.00	27.61 -0.03 0.00	25.50 -0.08 0.00
HARZA MOOSE___RIVER 24016	27.61 0.65 0.00	25.33 0.59 0.00	23.44 0.53 0.00	22.27 0.50 0.00	21.95 0.49 0.00	22.68 0.49 0.00	24.16 0.54 0.00	23.42 0.62 0.00	24.27 0.52 0.00	24.65 0.60 0.00	24.04 0.45 0.00	24.78 0.41 0.00	24.89 0.42 0.00	24.80 0.37 0.00	25.65 0.40 0.00	27.98 0.49 0.00	32.90 0.52 0.00	38.56 0.72 0.00	41.45 1.13 0.00	40.29 1.10 0.00	36.32 0.99 0.00	31.81 0.90 0.00	28.17 0.53 0.00	26.07 0.36 -0.13
HDSNBRDG_115KV_BRDG_TB1 355580	26.80 -0.16 0.00	24.56 -0.17 0.00	22.76 -0.16 0.00	21.60 -0.17 0.00	21.28 -0.17 0.00	22.04 -0.16 0.00	23.45 -0.17 0.00	22.74 -0.07 0.00	23.61 -0.14 0.00	23.93 -0.12 0.00	23.38 -0.21 0.00	24.25 -0.12 0.00	24.33 -0.15 0.00	24.31 -0.12 0.00	25.12 -0.13 0.00	27.32 -0.16 0.00	32.05 -0.32 0.00	37.46 -0.38 0.00	40.08 -0.24 0.00	38.73 -0.47 0.00	34.98 -0.35 0.00	30.64 -0.28 0.00	27.45 -0.19 0.00	25.56 -0.26 -0.24
HELLGATE_13_KV_LD 55870	28.63 1.67 0.00	26.22 1.48 0.00	24.09 1.17 0.00	22.95 1.18 0.00	22.59 1.14 0.00	23.24 1.04 0.00	24.70 1.09 0.00	23.88 1.07 0.00	24.94 1.19 0.00	25.35 1.30 0.00	25.20 1.60 0.00	25.95 1.58 0.00	26.14 1.66 0.00	26.09 1.66 0.00	26.96 1.72 0.00	29.43 1.84 -0.10	34.68 2.30 0.00	40.34 2.50 0.00	43.07 2.74 0.00	41.74 2.55 0.00	37.84 2.51 0.00	33.14 2.23 0.00	29.60 1.96 0.00	27.42 1.84 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	28.63 1.67 0.00	26.22 1.48 0.00	24.09 1.17 0.00	22.95 1.18 0.00	22.59 1.14 0.00	23.24 1.04 0.00	24.70 1.09 0.00	23.88 1.07 0.00	24.94 1.19 0.00	25.35 1.30 0.00	25.20 1.60 0.00	25.95 1.58 0.00	26.14 1.66 0.00	26.09 1.66 0.00	26.96 1.72 0.00	29.43 1.84 -0.10	34.68 2.30 0.00	40.34 2.50 0.00	43.07 2.74 0.00	41.74 2.55 0.00	37.84 2.51 0.00	33.14 2.23 0.00	29.60 1.96 0.00	27.42 1.84 0.00
HEMPSTEAD____ 23647	29.12 1.86 -0.30	26.85 1.66 -0.45	24.65 1.42 -0.31	23.28 1.35 -0.16	22.78 1.33 0.00	25.49 1.38 -1.92	24.89 1.27 0.00	24.15 1.35 0.00	25.36 1.62 0.00	26.01 1.59 -0.38	29.06 1.84 -3.62	29.82 1.83 -3.62	29.79 1.88 -3.43	31.33 1.93 -4.97	30.74 1.99 -3.50	32.71 2.17 -3.05	36.20 2.62 -1.20	40.71 2.87 0.00	43.51 3.18 0.00	42.45 3.25 0.00	38.19 2.86 0.00	35.69 2.54 -2.24	30.87 2.24 -0.99	29.70 2.05 -2.08
HEWLETT_69_KV_BK3 55828	29.34 2.08 -0.30	27.02 1.83 -0.45	24.83 1.60 -0.31	23.46 1.52 -0.16	22.93 1.48 0.00	25.64 1.53 -1.92	25.05 1.44 0.00	24.36 1.55 0.00	25.34 1.59 0.00	26.21 1.78 -0.38	29.25 2.03 -3.62	30.04 2.05 -3.62	30.04 2.13 -3.43	31.57 2.17 -4.97	30.97 2.22 -3.50	32.99 2.45 -3.05	36.49 2.91 -1.20	41.09 3.25 0.00	43.95 3.63 0.00	42.53 3.33 0.00	38.51 3.18 0.00	36.06 2.91 -2.24	31.12 2.49 -0.99	29.93 2.28 -2.08
HICKLING___1 23621	27.77 0.81 0.00	25.40 0.67 0.00	23.42 0.50 0.00	22.10 0.33 0.00	21.79 0.34 0.00	22.60 0.40 0.00	24.11 0.50 0.00	23.58 0.78 0.00	24.37 0.62 0.00	24.87 0.82 0.00	24.40 0.80 0.00	25.46 1.10 0.00	25.50 1.03 0.00	25.53 1.10 0.00	26.35 1.11 0.00	28.67 1.18 0.00	33.32 0.94 0.00	38.75 0.91 0.00	41.49 1.17 0.00	39.47 0.27 0.00	35.79 0.46 0.00	31.53 0.62 0.00	28.42 0.77 0.00	26.35 0.64 -0.13
HICKLING___2 23622	27.77 0.81 0.00	25.40 0.67 0.00	23.42 0.50 0.00	22.10 0.33 0.00	21.79 0.34 0.00	22.60 0.40 0.00	24.11 0.50 0.00	23.58 0.78 0.00	24.37 0.62 0.00	24.87 0.82 0.00	24.40 0.80 0.00	25.46 1.10 0.00	25.50 1.03 0.00	25.53 1.10 0.00	26.35 1.11 0.00	28.67 1.18 0.00	33.32 0.94 0.00	38.75 0.91 0.00	41.49 1.17 0.00	39.47 0.27 0.00	35.79 0.46 0.00	31.53 0.62 0.00	28.42 0.77 0.00	26.35 0.64 -0.13
HIGH FALLS___HY 23754	28.39 1.43 0.00	25.95 1.21 0.00	23.99 1.08 0.00	22.77 1.00 0.00	22.46 1.01 0.00	23.20 1.00 0.00	24.70 1.09 0.00	23.83 1.03 0.00	24.86 1.12 0.00	25.13 1.08 0.00	24.89 1.30 0.00	25.64 1.27 0.00	25.92 1.44 0.00	25.82 1.39 0.00	26.73 1.49 0.00	29.21 1.68 -0.05	34.35 1.98 0.00	40.11 2.27 0.00	42.95 2.62 0.00	41.63 2.43 0.00	37.63 2.30 0.00	32.99 2.07 0.00	29.41 1.77 0.00	27.19 1.61 0.00
HIGH_RIVER___SOLAR 323847	28.31 1.35 0.00	25.97 1.24 0.00	24.02 1.10 0.00	22.82 1.04 0.00	22.48 1.03 0.00	23.28 1.09 0.00	24.70 1.09 0.00	23.67 0.87 0.00	24.58 0.83 0.00	24.58 0.53 0.00	24.07 0.47 0.00	24.81 0.44 0.00	24.89 0.42 0.00	24.80 0.37 0.00	25.77 0.53 0.00	28.18 0.77 0.07	33.84 1.46 0.00	39.77 1.93 0.00	42.79 2.46 0.00	41.67 2.47 0.00	37.45 2.12 0.00	32.68 1.76 0.00	29.22 1.57 0.00	27.01 1.43 0.00



HILLBURN___GT 23639	28.18 1.21 0.00	25.80 1.06 0.00	23.79 0.87 0.00	22.60 0.83 0.00	22.27 0.81 0.00	23.04 0.84 0.00	24.53 0.92 0.00	23.70 0.89 0.00	24.79 1.04 0.00	25.06 1.01 0.00	24.85 1.25 0.00	25.56 1.19 0.00	25.75 1.27 0.00	25.72 1.29 0.00	26.61 1.36 0.00	29.06 1.48 -0.09	34.22 1.84 0.00	39.92 2.08 0.00	42.66 2.34 0.00	41.55 2.35 0.00	37.35 2.01 0.00	32.71 1.79 0.00	29.22 1.57 0.00	27.01 1.43 0.00
HILLSIDE_115KV_TB1 80332	27.42 0.46 0.00	25.06 0.32 0.00	23.12 0.21 0.00	21.81 0.04 0.00	21.54 0.09 0.00	22.33 0.13 0.00	23.80 0.19 0.00	23.29 0.48 0.00	24.08 0.33 0.00	24.56 0.51 0.00	24.14 0.54 0.00	25.15 0.78 0.00	25.19 0.71 0.00	25.21 0.78 0.00	26.03 0.78 0.00	28.31 0.82 0.00	32.99 0.62 0.00	38.33 0.49 0.00	41.01 0.69 0.00	39.00 -0.20 0.00	35.40 0.07 0.00	31.19 0.28 0.00	28.08 0.44 0.00	26.05 0.33 -0.14
HISHELDN_WT_PWR 323625	27.50 0.54 0.00	25.13 0.39 0.00	23.19 0.28 0.00	21.81 0.04 0.00	21.52 0.06 0.00	22.35 0.16 0.00	23.76 0.14 0.00	23.38 0.57 0.00	24.08 0.33 0.00	24.65 0.60 0.00	24.26 0.66 0.00	25.42 1.05 0.00	25.36 0.88 0.00	25.45 1.03 0.00	26.23 0.98 0.00	28.48 0.99 0.00	32.86 0.49 0.00	37.95 0.11 0.00	40.77 0.44 0.00	38.73 -0.47 0.00	34.91 -0.42 0.00	31.04 0.12 0.00	27.95 0.30 0.00	25.89 0.31 0.00
HOLTSVILLE_IC_1 23690	28.94 1.67 -0.30	26.65 1.46 -0.45	24.51 1.28 -0.31	23.20 1.26 -0.16	22.67 1.22 0.00	25.35 1.24 -1.92	24.65 1.04 0.00	23.99 1.19 0.00	25.20 1.45 0.00	25.82 1.39 -0.38	28.84 1.63 -3.62	29.60 1.61 -3.62	29.58 1.67 -3.43	31.06 1.66 -4.97	30.49 1.74 -3.50	32.41 1.87 -3.05	36.11 2.53 -1.20	40.83 2.99 0.00	43.51 3.18 0.00	42.45 3.25 0.00	37.98 2.65 0.00	35.48 2.32 -2.24	30.59 1.96 -0.99	29.52 1.87 -2.08
HOLTSVILLE_IC_10 23699	28.99 1.73 -0.30	26.67 1.48 -0.45	24.53 1.31 -0.31	23.22 1.28 -0.16	22.72 1.27 0.00	25.38 1.26 -1.92	24.65 1.04 0.00	24.02 1.21 0.00	25.22 1.47 0.00	25.87 1.44 -0.38	28.89 1.68 -3.62	29.65 1.66 -3.62	29.62 1.71 -3.43	31.13 1.73 -4.97	30.56 1.82 -3.50	32.52 1.98 -3.05	36.33 2.75 -1.20	41.10 3.25 0.00	43.75 3.43 0.00	42.68 3.49 0.00	38.16 2.83 0.00	35.63 2.47 -2.24	30.67 2.05 -0.99	29.58 1.92 -2.08
HOLTSVILLE_IC_2 23691	28.94 1.67 -0.30	26.65 1.46 -0.45	24.51 1.28 -0.31	23.20 1.26 -0.16	22.67 1.22 0.00	25.35 1.24 -1.92	24.65 1.04 0.00	23.99 1.19 0.00	25.20 1.45 0.00	25.82 1.39 -0.38	28.84 1.63 -3.62	29.60 1.61 -3.62	29.58 1.67 -3.43	31.06 1.66 -4.97	30.49 1.74 -3.50	32.41 1.87 -3.05	36.11 2.53 -1.20	40.83 2.99 0.00	43.51 3.18 0.00	42.45 3.25 0.00	37.98 2.65 0.00	35.48 2.32 -2.24	30.59 1.96 -0.99	29.52 1.87 -2.08
HOLTSVILLE_IC_3 23692	28.94 1.67 -0.30	26.65 1.46 -0.45	24.51 1.28 -0.31	23.20 1.26 -0.16	22.67 1.22 0.00	25.35 1.24 -1.92	24.65 1.04 0.00	23.99 1.19 0.00	25.20 1.45 0.00	25.82 1.39 -0.38	28.84 1.63 -3.62	29.60 1.61 -3.62	29.58 1.67 -3.43	31.06 1.66 -4.97	30.49 1.74 -3.50	32.41 1.87 -3.05	36.11 2.53 -1.20	40.83 2.99 0.00	43.51 3.18 0.00	42.45 3.25 0.00	37.98 2.65 0.00	35.48 2.32 -2.24	30.59 1.96 -0.99	29.52 1.87 -2.08
HOLTSVILLE_IC_4 23693	28.94 1.67 -0.30	26.65 1.46 -0.45	24.51 1.28 -0.31	23.20 1.26 -0.16	22.67 1.22 0.00	25.35 1.24 -1.92	24.65 1.04 0.00	23.99 1.19 0.00	25.20 1.45 0.00	25.82 1.39 -0.38	28.84 1.63 -3.62	29.60 1.61 -3.62	29.58 1.67 -3.43	31.06 1.66 -4.97	30.49 1.74 -3.50	32.41 1.87 -3.05	36.11 2.53 -1.20	40.83 2.99 0.00	43.51 3.18 0.00	42.45 3.25 0.00	37.98 2.65 0.00	35.48 2.32 -2.24	30.59 1.96 -0.99	29.52 1.87 -2.08
HOLTSVILLE_IC_5 23694	28.94 1.67 -0.30	26.65 1.46 -0.45	24.51 1.28 -0.31	23.20 1.26 -0.16	22.67 1.22 0.00	25.35 1.24 -1.92	24.65 1.04 0.00	23.99 1.19 0.00	25.20 1.45 0.00	25.82 1.39 -0.38	28.84 1.63 -3.62	29.60 1.61 -3.62	29.58 1.67 -3.43	31.06 1.66 -4.97	30.49 1.74 -3.50	32.41 1.87 -3.05	36.11 2.53 -1.20	40.83 2.99 0.00	43.51 3.18 0.00	42.45 3.25 0.00	37.98 2.65 0.00	35.48 2.32 -2.24	30.59 1.96 -0.99	29.52 1.87 -2.08
HOLTSVILLE_IC_6 23695	28.99 1.73 -0.30	26.67 1.48 -0.45	24.53 1.31 -0.31	23.22 1.28 -0.16	22.72 1.27 0.00	25.38 1.26 -1.92	24.65 1.04 0.00	24.02 1.21 0.00	25.22 1.47 0.00	25.87 1.44 -0.38	28.89 1.68 -3.62	29.65 1.66 -3.62	29.62 1.71 -3.43	31.13 1.73 -4.97	30.56 1.82 -3.50	32.52 1.98 -3.05	36.33 2.75 -1.20	41.10 3.25 0.00	43.75 3.43 0.00	42.68 3.49 0.00	38.16 2.83 0.00	35.63 2.47 -2.24	30.67 2.05 -0.99	29.58 1.92 -2.08
HOLTSVILLE_IC_7 23696	28.99 1.73 -0.30	26.67 1.48 -0.45	24.53 1.31 -0.31	23.22 1.28 -0.16	22.72 1.27 0.00	25.38 1.26 -1.92	24.65 1.04 0.00	24.02 1.21 0.00	25.22 1.47 0.00	25.87 1.44 -0.38	28.89 1.68 -3.62	29.65 1.66 -3.62	29.62 1.71 -3.43	31.13 1.73 -4.97	30.56 1.82 -3.50	32.52 1.98 -3.05	36.33 2.75 -1.20	41.10 3.25 0.00	43.75 3.43 0.00	42.68 3.49 0.00	38.16 2.83 0.00	35.63 2.47 -2.24	30.67 2.05 -0.99	29.58 1.92 -2.08
HOLTSVILLE_IC_8 23697	28.99 1.73 -0.30	26.67 1.48 -0.45	24.53 1.31 -0.31	23.22 1.28 -0.16	22.72 1.27 0.00	25.38 1.26 -1.92	24.65 1.04 0.00	24.02 1.21 0.00	25.22 1.47 0.00	25.87 1.44 -0.38	28.89 1.68 -3.62	29.65 1.66 -3.62	29.62 1.71 -3.43	31.13 1.73 -4.97	30.56 1.82 -3.50	32.52 1.98 -3.05	36.33 2.75 -1.20	41.10 3.25 0.00	43.75 3.43 0.00	42.68 3.49 0.00	38.16 2.83 0.00	35.63 2.47 -2.24	30.67 2.05 -0.99	29.58 1.92 -2.08
HOLTSVILLE_IC_9 23698	28.99 1.73 -0.30	26.67 1.48 -0.45	24.53 1.31 -0.31	23.22 1.28 -0.16	22.72 1.27 0.00	25.38 1.26 -1.92	24.65 1.04 0.00	24.02 1.21 0.00	25.22 1.47 0.00	25.87 1.44 -0.38	28.89 1.68 -3.62	29.65 1.66 -3.62	29.62 1.71 -3.43	31.13 1.73 -4.97	30.56 1.82 -3.50	32.52 1.98 -3.05	36.33 2.75 -1.20	41.10 3.25 0.00	43.75 3.43 0.00	42.68 3.49 0.00	38.16 2.83 0.00	35.63 2.47 -2.24	30.67 2.05 -0.99	29.58 1.92 -2.08
HOMER_HL_115KV_TB2 355744	28.31 1.35 0.00	25.80 1.06 0.00	23.77 0.85 0.00	22.31 0.54 0.00	22.03 0.58 0.00	22.88 0.69 0.00	24.44 0.83 0.00	24.04 1.23 0.00	24.82 1.07 0.00	25.37 1.32 0.00	25.04 1.44 0.00	26.22 1.85 0.00	26.19 1.71 0.00	26.33 1.91 0.00	27.14 1.89 0.00	29.52 2.03 0.00	34.09 1.72 0.00	39.39 1.55 0.00	42.26 1.94 0.00	39.51 0.31 0.00	36.04 0.71 0.00	31.78 0.87 0.00	28.83 1.19 0.00	26.63 1.05 0.00
HOWARD_WT_PWR 323690	29.23 2.27 0.00	26.59 1.86 0.00	24.57 1.65 0.00	23.16 1.39 0.00	22.89 1.44 0.00	23.75 1.55 0.00	25.34 1.72 0.00	24.93 2.12 0.00	25.51 1.76 0.00	26.24 2.19 0.00	25.67 2.08 0.00	26.90 2.53 0.00	26.92 2.45 0.00	26.99 2.56 0.00	27.87 2.63 0.00	30.32 2.83 0.00	35.10 2.72 0.00	40.79 2.95 0.00	43.71 3.39 0.00	41.59 2.39 0.00	37.31 1.98 0.00	32.95 2.04 0.00	29.49 1.85 0.00	27.30 1.61 -0.11



HQ_GEN_CEDARS 23644	26.80 -0.16 0.00	24.64 -0.10 0.00	22.85 -0.07 0.00	21.75 -0.02 0.00	21.39 -0.06 0.00	22.04 -0.16 0.00	23.54 -0.07 0.00	22.69 -0.11 0.00	23.63 -0.12 0.00	24.00 -0.05 0.00	23.50 -0.09 0.00	24.27 -0.10 0.00	24.30 -0.17 0.00	24.18 -0.24 0.00	24.99 -0.25 0.00	27.16 -0.33 0.00	32.05 -0.32 0.00	37.46 -0.38 0.00	39.60 -0.73 0.00	38.80 -0.39 0.00	34.87 -0.46 0.00	30.36 -0.56 0.00	27.12 -0.53 0.00	25.17 -0.41 0.00
HQ_GEN_CEDARS_PROXY 323590	26.80 -0.16 0.00	24.64 -0.10 0.00	22.85 -0.07 0.00	21.75 -0.02 0.00	21.39 -0.06 0.00	22.04 -0.15 0.00	23.54 -0.07 0.00	22.69 -0.11 0.00	23.65 -0.09 0.00	24.00 -0.05 0.00	23.50 -0.09 0.00	24.27 -0.10 0.00	24.31 -0.17 0.00	24.18 -0.24 0.00	24.99 -0.25 0.00	27.16 -0.33 0.00	32.05 -0.32 0.00	37.91 -0.38 -0.44	39.16 -0.72 0.44	38.49 -0.70 0.00	34.87 -0.46 0.00	30.36 -0.56 0.00	27.12 -0.53 0.00	25.14 -0.43 0.00
HQ_GEN_IMPORT 323601	26.74 -0.22 0.00	24.54 -0.20 0.00	22.76 -0.16 0.00	21.62 -0.15 0.00	21.30 -0.15 0.00	22.02 -0.18 0.00	23.45 -0.16 0.00	22.62 -0.18 0.00	23.61 -0.14 0.00	23.93 -0.12 0.00	23.46 -0.14 0.00	24.22 -0.15 0.00	24.31 -0.17 0.00	24.26 -0.17 0.00	25.07 -0.18 0.00	27.27 -0.22 0.00	32.15 -0.23 0.00	38.02 -0.26 -0.44	39.32 -0.56 0.44	38.69 -0.51 0.00	34.98 -0.35 0.00	30.55 -0.37 0.00	27.31 -0.33 0.00	25.27 -0.31 0.00
HQ_GEN_WHEEL 23651	26.74 -0.22 0.00	24.54 -0.20 0.00	22.76 -0.16 0.00	21.62 -0.15 0.00	21.30 -0.15 0.00	22.02 -0.18 0.00	23.45 -0.16 0.00	22.62 -0.18 0.00	23.61 -0.14 0.00	23.93 -0.12 0.00	23.46 -0.14 0.00	24.22 -0.15 0.00	24.31 -0.17 0.00	24.26 -0.17 0.00	25.07 -0.18 0.00	27.27 -0.22 0.00	32.15 -0.23 0.00	38.02 -0.26 -0.44	39.32 -0.56 0.44	38.69 -0.51 0.00	34.98 -0.35 0.00	30.55 -0.37 0.00	27.31 -0.33 0.00	25.27 -0.31 0.00
HUDSON AVE_GT_3 23810	28.61 1.64 0.00	26.17 1.43 0.00	24.11 1.19 0.00	22.92 1.15 0.00	22.59 1.14 0.00	23.33 1.13 0.00	24.84 1.23 0.00	24.02 1.21 0.00	25.05 1.31 0.00	25.47 1.42 0.00	25.30 1.70 0.00	26.05 1.68 0.00	26.26 1.79 0.00	26.21 1.78 0.00	27.09 1.84 0.00	29.59 2.01 -0.10	34.81 2.43 0.00	40.49 2.65 0.00	43.27 2.94 0.00	41.90 2.70 0.00	38.02 2.69 0.00	33.30 2.38 0.00	29.69 2.05 0.00	27.44 1.87 0.00
HUDSON AVE_GT_4 23540	28.61 1.64 0.00	26.17 1.43 0.00	24.11 1.19 0.00	22.92 1.15 0.00	22.59 1.14 0.00	23.33 1.13 0.00	24.84 1.23 0.00	24.02 1.21 0.00	25.05 1.31 0.00	25.47 1.42 0.00	25.30 1.70 0.00	26.05 1.68 0.00	26.26 1.79 0.00	26.21 1.78 0.00	27.09 1.84 0.00	29.59 2.01 -0.10	34.81 2.43 0.00	40.49 2.65 0.00	43.27 2.94 0.00	41.90 2.70 0.00	38.02 2.69 0.00	33.30 2.38 0.00	29.69 2.05 0.00	27.44 1.87 0.00
HUDSON AVE_GT_5 23657	28.61 1.64 0.00	26.17 1.43 0.00	24.11 1.19 0.00	22.92 1.15 0.00	22.59 1.14 0.00	23.33 1.13 0.00	24.84 1.23 0.00	24.02 1.21 0.00	25.05 1.31 0.00	25.47 1.42 0.00	25.30 1.70 0.00	26.05 1.68 0.00	26.26 1.79 0.00	26.21 1.78 0.00	27.09 1.84 0.00	29.59 2.01 -0.10	34.81 2.43 0.00	40.49 2.65 0.00	43.27 2.94 0.00	41.90 2.70 0.00	38.02 2.69 0.00	33.30 2.38 0.00	29.69 2.05 0.00	27.44 1.87 0.00
HUDSON_AVE_10 24168	28.55 1.59 0.00	26.10 1.36 0.00	24.04 1.12 0.00	22.88 1.11 0.00	22.52 1.07 0.00	23.28 1.09 0.00	24.79 1.18 0.00	23.99 1.19 0.00	25.03 1.28 0.00	25.45 1.39 0.00	25.27 1.68 0.00	26.03 1.66 0.00	26.21 1.74 0.00	26.19 1.76 0.00	27.06 1.82 0.00	29.54 1.95 -0.10	34.74 2.36 0.00	40.41 2.57 0.00	43.19 2.86 0.00	41.82 2.63 0.00	37.95 2.61 0.00	33.23 2.32 0.00	29.63 1.99 0.00	27.39 1.82 0.00
HUDSON___115KV_TB 4 355613	27.88 0.92 0.00	25.58 0.84 0.00	23.65 0.73 0.00	22.49 0.72 0.00	22.20 0.75 0.00	23.02 0.82 0.00	24.42 0.80 0.00	23.36 0.55 0.00	24.29 0.55 0.00	24.41 0.36 0.00	23.97 0.38 0.00	24.61 0.24 0.00	24.72 0.24 0.00	24.62 0.20 0.00	25.50 0.25 0.00	27.92 0.49 0.06	33.06 0.68 0.00	38.94 1.10 0.00	42.06 1.73 0.00	40.84 1.65 0.00	36.85 1.52 0.00	32.15 1.24 0.00	28.69 1.05 0.00	26.63 1.05 0.00
HUNTER MOUNT___DRP 323613	28.01 1.05 0.00	25.70 0.96 0.00	23.77 0.85 0.00	22.58 0.81 0.00	22.31 0.86 0.00	23.13 0.93 0.00	24.51 0.90 0.00	23.36 0.55 0.00	24.32 0.57 0.00	24.34 0.29 0.00	23.88 0.28 0.00	24.49 0.12 0.00	24.62 0.15 0.00	24.48 0.05 0.00	25.37 0.13 0.00	27.94 0.49 0.04	32.96 0.58 0.00	39.01 1.17 0.00	42.18 1.85 0.00	41.04 1.84 0.00	36.99 1.66 0.00	32.24 1.33 0.00	28.77 1.13 0.00	26.73 1.15 0.00
HUNTINGTON_RES_REC 323705	29.12 1.86 -0.30	26.82 1.63 -0.45	24.65 1.42 -0.31	23.28 1.35 -0.16	22.78 1.33 0.00	25.49 1.38 -1.92	24.82 1.20 0.00	24.13 1.32 0.00	25.34 1.59 0.00	26.01 1.59 -0.38	29.03 1.82 -3.62	29.79 1.80 -3.62	29.79 1.88 -3.43	31.31 1.91 -4.97	30.72 1.97 -3.50	32.71 2.17 -3.05	36.40 2.82 -1.20	41.13 3.29 0.00	43.87 3.55 0.00	42.80 3.60 0.00	38.34 3.00 0.00	35.75 2.60 -2.24	30.84 2.21 -0.99	29.70 2.05 -2.08
HUNTLEY___63 23557	27.42 0.46 0.00	25.08 0.35 0.00	23.12 0.21 0.00	21.73 -0.04 0.00	21.45 0.00 0.00	22.29 0.09 0.00	23.59 -0.02 0.00	23.26 0.46 0.00	24.03 0.28 0.00	24.56 0.51 0.00	24.16 0.57 0.00	25.39 1.02 0.00	25.31 0.83 0.00	25.43 1.00 0.00	26.15 0.91 0.00	28.39 0.91 0.00	32.60 0.23 0.00	37.58 -0.26 0.00	40.49 0.16 0.00	37.98 -1.22 0.00	34.66 -0.67 0.00	30.48 -0.43 0.00	27.92 0.28 0.00	25.76 0.18 0.00
HUNTLEY___64 23558	27.42 0.46 0.00	25.08 0.35 0.00	23.12 0.21 0.00	21.73 -0.04 0.00	21.45 0.00 0.00	22.29 0.09 0.00	23.59 -0.02 0.00	23.26 0.46 0.00	24.03 0.28 0.00	24.56 0.51 0.00	24.16 0.57 0.00	25.39 1.02 0.00	25.31 0.83 0.00	25.43 1.00 0.00	26.15 0.91 0.00	28.39 0.91 0.00	32.60 0.23 0.00	37.58 -0.26 0.00	40.49 0.16 0.00	37.98 -1.22 0.00	34.66 -0.67 0.00	30.48 -0.43 0.00	27.92 0.28 0.00	25.76 0.18 0.00
HUNTLEY___65 23559	27.42 0.46 0.00	25.08 0.35 0.00	23.12 0.21 0.00	21.73 -0.04 0.00	21.45 0.00 0.00	22.29 0.09 0.00	23.59 -0.02 0.00	23.26 0.46 0.00	24.03 0.28 0.00	24.56 0.51 0.00	24.16 0.57 0.00	25.39 1.02 0.00	25.31 0.83 0.00	25.43 1.00 0.00	26.15 0.91 0.00	28.39 0.91 0.00	32.60 0.23 0.00	37.58 -0.26 0.00	40.49 0.16 0.00	37.98 -1.22 0.00	34.66 -0.67 0.00	30.48 -0.43 0.00	27.92 0.28 0.00	25.76 0.18 0.00
HUNTLEY___66 23560	27.42 0.46 0.00	25.08 0.35 0.00	23.12 0.21 0.00	21.73 -0.04 0.00	21.45 0.00 0.00	22.29 0.09 0.00	23.59 -0.02 0.00	23.26 0.46 0.00	24.03 0.28 0.00	24.56 0.51 0.00	24.16 0.57 0.00	25.39 1.02 0.00	25.31 0.83 0.00	25.43 1.00 0.00	26.15 0.91 0.00	28.39 0.91 0.00	32.60 0.23 0.00	37.58 -0.26 0.00	40.49 0.16 0.00	37.98 -1.22 0.00	34.66 -0.67 0.00	30.48 -0.43 0.00	27.92 0.28 0.00	25.76 0.18 0.00



HUNTLEY___67 23561	27.23 0.27 0.00	24.88 0.15 0.00	22.96 0.05 0.00	21.57 -0.20 0.00	21.30 -0.15 0.00	22.13 -0.07 0.00	23.47 -0.14 0.00	23.15 0.34 0.00	23.89 0.14 0.00	24.41 0.36 0.00	24.02 0.42 0.00	25.22 0.85 0.00	25.14 0.66 0.00	25.21 0.78 0.00	25.95 0.71 0.00	28.17 0.69 0.00	32.38 0.00 0.00	37.39 -0.45 0.00	40.20 -0.12 0.00	37.75 -1.45 0.00	34.41 -0.92 0.00	30.33 -0.59 0.00	27.72 0.08 0.00	25.58 0.00 0.00
HUNTLEY___68 23562	27.23 0.27 0.00	24.88 0.15 0.00	22.96 0.05 0.00	21.57 -0.20 0.00	21.30 -0.15 0.00	22.13 -0.07 0.00	23.47 -0.14 0.00	23.15 0.34 0.00	23.89 0.14 0.00	24.41 0.36 0.00	24.02 0.42 0.00	25.22 0.85 0.00	25.14 0.66 0.00	25.21 0.78 0.00	25.95 0.71 0.00	28.17 0.69 0.00	32.38 0.00 0.00	37.39 -0.45 0.00	40.20 -0.12 0.00	37.75 -1.45 0.00	34.41 -0.92 0.00	30.33 -0.59 0.00	27.72 0.08 0.00	25.58 0.00 0.00
HYLAND___LFG 323620	28.44 1.48 0.00	26.00 1.26 0.00	23.95 1.03 0.00	22.55 0.78 0.00	22.22 0.77 0.00	23.13 0.93 0.00	24.65 1.04 0.00	24.25 1.44 0.00	24.77 1.02 0.00	25.08 1.03 0.00	24.44 0.85 0.00	25.49 1.12 0.00	25.43 0.95 0.00	25.53 1.10 0.00	26.38 1.14 0.00	28.92 1.43 0.00	33.80 1.42 0.00	39.73 1.89 0.00	43.19 2.86 0.00	41.51 2.31 0.00	37.06 1.73 0.00	32.77 1.85 0.00	29.33 1.69 0.00	27.06 1.48 0.00
INDECK___CORINTH 23802	28.66 1.70 0.00	26.32 1.58 0.00	24.29 1.37 0.00	23.08 1.31 0.00	22.72 1.27 0.00	23.55 1.35 0.00	25.01 1.39 0.00	23.97 1.16 0.00	25.05 1.31 0.00	25.25 1.20 0.00	24.85 1.25 0.00	25.59 1.22 0.00	25.60 1.13 0.00	25.45 1.03 0.00	26.35 1.11 0.00	28.71 1.32 0.09	34.16 1.78 0.00	40.23 2.39 0.00	43.47 3.15 0.00	42.37 3.17 0.00	38.05 2.72 0.00	33.08 2.16 0.00	29.58 1.93 0.00	27.39 1.82 0.00
INDECK___ILION 23567	26.91 -0.05 0.00	24.69 -0.05 0.00	22.87 -0.05 0.00	21.73 -0.04 0.00	21.41 -0.04 0.00	22.15 -0.04 0.00	23.57 -0.05 0.00	22.76 -0.05 0.00	23.68 -0.07 0.00	24.00 -0.05 0.00	23.53 -0.07 0.00	24.27 -0.10 0.00	24.40 -0.07 0.00	24.33 -0.10 0.00	25.17 -0.08 0.00	27.40 -0.08 0.00	32.25 -0.13 0.00	37.73 -0.11 0.00	40.37 0.04 0.00	39.24 0.04 0.00	35.37 0.04 0.00	30.98 0.06 0.00	27.67 0.03 0.00	25.58 0.00 0.00
INDECK___OLEAN 23982	28.31 1.35 0.00	25.80 1.06 0.00	23.77 0.85 0.00	22.31 0.54 0.00	22.03 0.58 0.00	22.89 0.69 0.00	24.44 0.83 0.00	24.06 1.25 0.00	24.79 1.04 0.00	25.37 1.32 0.00	25.04 1.44 0.00	26.22 1.85 0.00	26.19 1.71 0.00	26.34 1.91 0.00	27.14 1.89 0.00	29.52 2.03 0.00	34.12 1.75 0.00	39.39 1.55 0.00	42.26 1.94 0.00	40.06 0.86 0.00	36.04 0.71 0.00	32.06 1.14 0.00	28.83 1.19 0.00	26.73 1.15 0.00
INDECK___OSWEGO 23783	26.50 -0.46 0.00	24.29 -0.44 0.00	22.53 -0.39 0.00	21.38 -0.39 0.00	21.07 -0.39 0.00	21.82 -0.38 0.00	23.21 -0.40 0.00	22.49 -0.32 0.00	23.30 -0.45 0.00	23.66 -0.39 0.00	23.08 -0.52 0.00	23.88 -0.49 0.00	23.99 -0.49 0.00	23.94 -0.49 0.00	24.74 -0.50 0.00	26.94 -0.55 0.00	31.63 -0.74 0.00	37.01 -0.83 0.00	39.56 -0.77 0.00	38.41 -0.78 0.00	34.56 -0.78 0.00	30.33 -0.59 0.00	27.12 -0.53 0.00	26.06 -0.54 -1.02
INDECK___YERKES 23781	27.45 0.49 0.00	25.11 0.37 0.00	23.15 0.23 0.00	21.77 0.00 0.00	21.47 0.02 0.00	22.33 0.13 0.00	23.61 0.00 0.00	23.31 0.50 0.00	23.99 0.24 0.00	24.58 0.53 0.00	24.19 0.59 0.00	25.42 1.05 0.00	25.33 0.86 0.00	25.45 1.03 0.00	26.18 0.93 0.00	28.42 0.94 0.00	32.67 0.29 0.00	37.61 -0.23 0.00	40.53 0.20 0.00	38.33 -0.86 0.00	34.70 -0.63 0.00	30.91 0.00 0.00	27.95 0.30 0.00	25.94 0.36 0.00
INDIAN POINT_GT_1 24139	28.20 1.24 0.00	25.82 1.09 0.00	23.83 0.92 0.00	22.64 0.87 0.00	22.29 0.84 0.00	23.06 0.87 0.00	24.53 0.92 0.00	23.72 0.91 0.00	24.72 0.97 0.00	25.06 1.01 0.00	24.85 1.25 0.00	25.59 1.22 0.00	25.77 1.30 0.00	25.72 1.29 0.00	26.61 1.36 0.00	29.07 1.48 -0.09	34.22 1.85 0.00	39.88 2.04 0.00	42.66 2.34 0.00	41.27 2.08 0.00	37.38 2.05 0.00	32.74 1.82 0.00	29.22 1.58 0.00	27.04 1.46 0.00
INDIAN POINT_GT_2 23659	28.20 1.24 0.00	25.82 1.09 0.00	23.83 0.92 0.00	22.64 0.87 0.00	22.29 0.84 0.00	23.06 0.87 0.00	24.53 0.92 0.00	23.72 0.91 0.00	24.72 0.97 0.00	25.06 1.01 0.00	24.85 1.25 0.00	25.59 1.22 0.00	25.77 1.30 0.00	25.72 1.29 0.00	26.61 1.36 0.00	29.07 1.48 -0.09	34.22 1.85 0.00	39.88 2.04 0.00	42.66 2.34 0.00	41.27 2.08 0.00	37.38 2.05 0.00	32.74 1.82 0.00	29.22 1.58 0.00	27.04 1.46 0.00
INDIAN POINT_GT_3 24019	28.20 1.24 0.00	25.82 1.09 0.00	23.83 0.92 0.00	22.64 0.87 0.00	22.29 0.84 0.00	23.06 0.87 0.00	24.53 0.92 0.00	23.72 0.91 0.00	24.72 0.97 0.00	25.06 1.01 0.00	24.85 1.25 0.00	25.59 1.22 0.00	25.77 1.30 0.00	25.72 1.29 0.00	26.61 1.36 0.00	29.07 1.48 -0.09	34.22 1.85 0.00	39.88 2.04 0.00	42.66 2.34 0.00	41.27 2.08 0.00	37.38 2.05 0.00	32.74 1.82 0.00	29.22 1.58 0.00	27.04 1.46 0.00
INDIAN POINT___2 23530	28.09 1.13 0.00	25.73 0.99 0.00	23.74 0.82 0.00	22.53 0.76 0.00	22.22 0.77 0.00	22.97 0.78 0.00	24.46 0.85 0.00	23.65 0.84 0.00	24.75 1.00 0.00	24.99 0.94 0.00	24.78 1.18 0.00	25.51 1.15 0.00	25.68 1.20 0.00	25.65 1.22 0.00	26.53 1.29 0.00	28.98 1.40 -0.09	34.12 1.75 0.00	39.77 1.93 0.00	42.50 2.18 0.00	41.39 2.19 0.00	37.24 1.91 0.00	32.58 1.67 0.00	29.11 1.46 0.00	26.96 1.38 0.00
INDIAN POINT___3 23531	28.23 1.27 0.00	25.85 1.11 0.00	23.86 0.94 0.00	22.66 0.89 0.00	22.33 0.88 0.00	23.08 0.89 0.00	24.58 0.97 0.00	23.74 0.94 0.00	24.75 1.00 0.00	25.08 1.03 0.00	24.87 1.27 0.00	25.61 1.24 0.00	25.80 1.32 0.00	25.75 1.32 0.00	26.63 1.39 0.00	29.09 1.51 -0.10	34.26 1.88 0.00	39.92 2.08 0.00	42.66 2.34 0.00	41.31 2.12 0.00	37.42 2.08 0.00	32.77 1.85 0.00	29.24 1.60 0.00	27.09 1.51 0.00
INGHAM_C_115KV_TB7 356103	26.48 -0.49 0.00	24.27 -0.47 0.00	22.48 -0.44 0.00	21.36 -0.41 0.00	21.07 -0.39 0.00	21.77 -0.42 0.00	23.16 -0.45 0.00	22.37 -0.43 0.00	23.25 -0.50 0.00	23.57 -0.48 0.00	23.08 -0.52 0.00	23.81 -0.56 0.00	23.94 -0.54 0.00	23.87 -0.56 0.00	24.69 -0.56 0.00	26.91 -0.58 0.00	31.63 -0.74 0.00	37.05 -0.79 0.00	39.64 -0.69 0.00	38.57 -0.63 0.00	34.73 -0.60 0.00	30.48 -0.43 0.00	27.20 -0.44 0.00	25.14 -0.43 0.00
IP CORINTH___1 23988	28.66 1.70 0.00	26.32 1.58 0.00	24.29 1.38 0.00	23.08 1.31 0.00	22.72 1.27 0.00	23.55 1.35 0.00	25.01 1.39 0.00	23.97 1.16 0.00	25.01 1.26 0.00	25.25 1.20 0.00	24.85 1.25 0.00	25.59 1.22 0.00	25.60 1.13 0.00	25.45 1.03 0.00	26.35 1.11 0.00	28.71 1.32 0.09	34.16 1.78 0.00	40.22 2.38 0.00	43.47 3.15 0.00	42.17 2.98 0.00	38.05 2.72 0.00	33.14 2.23 0.00	29.58 1.93 0.00	27.39 1.82 0.00



IP___TICONDEROGA 23804	29.74 2.78 0.00	27.26 2.52 0.00	25.09 2.18 0.00	23.84 2.07 0.00	23.47 2.02 0.00	24.33 2.13 0.00	25.81 2.20 0.00	24.68 1.87 0.00	25.81 2.07 0.00	26.09 2.04 0.00	25.63 2.03 0.00	26.39 2.02 0.00	26.29 1.81 0.00	26.07 1.64 0.00	26.99 1.74 0.00	29.48 2.09 0.10	35.13 2.75 0.00	41.59 3.75 0.00	45.24 4.92 0.00	43.98 4.78 0.00	39.64 4.31 0.00	34.38 3.46 0.00	30.71 3.07 0.00	28.37 2.79 0.00
ISLIP_RES_REC 323679	29.07 1.81 -0.30	26.78 1.58 -0.45	24.60 1.37 -0.31	23.31 1.37 -0.16	22.78 1.33 0.00	25.47 1.35 -1.92	24.72 1.11 0.00	24.08 1.28 0.00	25.32 1.57 0.00	25.94 1.52 -0.38	28.99 1.77 -3.62	29.74 1.76 -3.62	29.75 1.84 -3.43	31.26 1.86 -4.97	30.66 1.92 -3.50	32.66 2.12 -3.05	36.53 2.95 -1.20	41.32 3.48 0.00	43.99 3.67 0.00	42.96 3.76 0.00	38.37 3.04 0.00	35.78 2.63 -2.24	30.81 2.18 -0.99	29.68 2.02 -2.08
JAMAICA__27_KV_LOAD 355505	28.69 1.73 0.00	26.22 1.48 0.00	24.13 1.21 0.00	22.97 1.20 0.00	22.61 1.16 0.00	23.37 1.18 0.00	24.94 1.32 0.00	24.15 1.35 0.00	25.20 1.45 0.00	25.64 1.59 0.00	25.48 1.89 0.00	26.24 1.88 0.00	26.43 1.96 0.00	26.38 1.95 0.00	27.29 2.04 0.00	29.78 2.20 -0.10	34.97 2.59 0.00	40.68 2.84 0.00	43.47 3.15 0.00	42.14 2.94 0.00	38.23 2.90 0.00	33.51 2.60 0.00	29.85 2.21 0.00	27.57 2.00 0.00
JANIS___SOLAR 323808	28.50 1.54 0.00	26.07 1.33 0.00	24.09 1.17 0.00	22.84 1.07 0.00	22.52 1.07 0.00	23.33 1.13 0.00	24.86 1.25 0.00	24.25 1.44 0.00	24.91 1.16 0.00	25.40 1.35 0.00	24.71 1.11 0.00	25.59 1.22 0.00	25.68 1.20 0.00	25.63 1.20 0.00	26.48 1.24 0.00	28.92 1.43 0.00	33.90 1.52 0.00	39.84 2.00 0.00	43.07 2.74 0.00	41.78 2.59 0.00	37.49 2.16 0.00	32.90 1.98 0.00	29.36 1.71 0.00	27.14 1.38 -0.18
JARVIS____ 23743	27.10 0.14 0.00	24.86 0.12 0.00	23.03 0.12 0.00	21.88 0.11 0.00	21.56 0.11 0.00	22.33 0.13 0.00	23.73 0.12 0.00	22.92 0.11 0.00	23.87 0.12 0.00	24.15 0.10 0.00	23.71 0.12 0.00	24.47 0.10 0.00	24.57 0.10 0.00	24.53 0.10 0.00	25.34 0.10 0.00	27.63 0.14 0.00	32.51 0.13 0.00	38.03 0.19 0.00	40.61 0.28 0.00	39.51 0.31 0.00	35.58 0.25 0.00	31.13 0.22 0.00	27.84 0.19 0.00	25.73 0.15 0.00
JENNISON___1 23625	28.69 1.73 0.00	26.24 1.51 0.00	24.27 1.35 0.00	23.01 1.24 0.00	22.70 1.24 0.00	23.48 1.29 0.00	25.01 1.39 0.00	24.38 1.57 0.00	25.15 1.40 0.00	25.66 1.61 0.00	25.06 1.46 0.00	25.90 1.54 0.00	26.04 1.57 0.00	25.97 1.54 0.00	26.83 1.59 0.00	29.27 1.79 0.00	34.29 1.91 0.00	40.19 2.35 0.00	43.39 3.06 0.00	41.90 2.70 0.00	37.77 2.44 0.00	33.14 2.23 0.00	29.63 1.99 0.00	27.33 1.61 -0.14
JENNISON___2 23626	28.69 1.73 0.00	26.24 1.51 0.00	24.27 1.35 0.00	23.01 1.24 0.00	22.70 1.24 0.00	23.48 1.29 0.00	25.01 1.39 0.00	24.38 1.57 0.00	25.15 1.40 0.00	25.66 1.61 0.00	25.06 1.46 0.00	25.90 1.54 0.00	26.04 1.57 0.00	25.97 1.54 0.00	26.83 1.59 0.00	29.27 1.79 0.00	34.29 1.91 0.00	40.19 2.35 0.00	43.39 3.06 0.00	41.90 2.70 0.00	37.77 2.44 0.00	33.14 2.23 0.00	29.63 1.99 0.00	27.33 1.61 -0.14
JERICHO_RISE_WT_PWR 323719	26.85 -0.11 0.00	24.74 0.00 0.00	22.94 0.02 0.00	21.84 0.07 0.00	21.47 0.02 0.00	22.15 -0.04 0.00	23.71 0.09 0.00	22.83 0.02 0.00	23.82 0.07 0.00	24.20 0.15 0.00	23.69 0.09 0.00	24.42 0.05 0.00	24.45 -0.02 0.00	24.36 -0.07 0.00	25.17 -0.08 0.00	27.38 -0.11 0.00	32.41 0.03 0.00	37.84 0.00 0.00	39.84 -0.48 0.00	38.53 -0.67 0.00	34.77 -0.57 0.00	30.11 -0.80 0.00	26.87 -0.77 0.00	24.84 -0.74 0.00
KATONAH___115KV_46KV_TB4 355592	28.44 1.48 0.00	26.05 1.31 0.00	24.09 1.17 0.00	22.88 1.11 0.00	22.52 1.07 0.00	23.31 1.11 0.00	24.77 1.16 0.00	23.90 1.09 0.00	24.94 1.19 0.00	25.28 1.23 0.00	25.06 1.46 0.00	25.81 1.44 0.00	25.94 1.47 0.00	25.94 1.51 0.00	26.81 1.57 0.00	29.29 1.70 -0.10	34.48 2.10 0.00	40.26 2.42 0.00	43.07 2.74 0.00	41.74 2.55 0.00	37.77 2.44 0.00	33.02 2.10 0.00	29.49 1.85 0.00	27.29 1.71 0.00
KCE_NY_1 323755	28.42 1.45 0.00	26.10 1.36 0.00	24.11 1.19 0.00	22.90 1.13 0.00	22.57 1.11 0.00	23.37 1.18 0.00	24.82 1.20 0.00	23.79 0.98 0.00	24.84 1.09 0.00	25.04 0.99 0.00	24.63 1.04 0.00	25.37 1.00 0.00	25.43 0.95 0.00	25.33 0.90 0.00	26.20 0.96 0.00	28.52 1.13 0.10	33.90 1.52 0.00	39.84 2.00 0.00	42.91 2.58 0.00	41.82 2.63 0.00	37.60 2.26 0.00	32.74 1.82 0.00	29.30 1.66 0.00	27.16 1.59 0.00
KCE_NY_6_ESR 323823	27.74 0.78 0.00	25.33 0.59 0.00	23.35 0.43 0.00	21.97 0.20 0.00	21.67 0.21 0.00	22.51 0.31 0.00	23.90 0.28 0.00	23.56 0.75 0.00	24.27 0.52 0.00	24.84 0.79 0.00	24.47 0.87 0.00	25.68 1.31 0.00	25.60 1.13 0.00	25.72 1.29 0.00	26.48 1.24 0.00	28.78 1.29 0.00	33.12 0.75 0.00	38.18 0.34 0.00	41.05 0.73 0.00	38.88 -0.31 0.00	35.12 -0.21 0.00	31.29 0.37 0.00	28.22 0.58 0.00	26.17 0.59 0.00
KEDC_PORT_JEFF_GT2 24210	28.99 1.73 -0.30	26.70 1.51 -0.45	24.53 1.31 -0.31	23.22 1.28 -0.16	22.72 1.27 0.00	25.38 1.26 -1.92	24.68 1.06 0.00	24.02 1.21 0.00	25.22 1.47 0.00	25.87 1.44 -0.38	28.89 1.68 -3.62	29.65 1.66 -3.62	29.65 1.74 -3.43	31.16 1.76 -4.97	30.56 1.82 -3.50	32.52 1.98 -3.05	36.30 2.72 -1.20	41.06 3.21 0.00	43.75 3.43 0.00	42.68 3.49 0.00	38.16 2.83 0.00	35.60 2.44 -2.24	30.70 2.07 -0.99	29.58 1.92 -2.08
KEDC_PORT_JEFF_GT3 24211	28.99 1.73 -0.30	26.70 1.51 -0.45	24.53 1.31 -0.31	23.22 1.28 -0.16	22.72 1.27 0.00	25.38 1.26 -1.92	24.68 1.06 0.00	24.02 1.21 0.00	25.22 1.47 0.00	25.87 1.44 -0.38	28.89 1.68 -3.62	29.65 1.66 -3.62	29.65 1.74 -3.43	31.16 1.76 -4.97	30.56 1.82 -3.50	32.52 1.98 -3.05	36.30 2.72 -1.20	41.06 3.21 0.00	43.75 3.43 0.00	42.68 3.49 0.00	38.16 2.83 0.00	35.60 2.44 -2.24	30.70 2.07 -0.99	29.58 1.92 -2.08
KEDC_GLWD_GT4 24219	29.26 2.00 -0.30	26.97 1.78 -0.45	24.76 1.54 -0.31	23.39 1.46 -0.16	22.89 1.44 0.00	25.60 1.49 -1.92	25.01 1.39 0.00	24.29 1.48 0.00	25.48 1.73 0.00	26.16 1.73 -0.38	29.20 1.98 -3.62	29.99 2.00 -3.62	29.97 2.06 -3.43	31.50 2.10 -4.97	30.89 2.14 -3.50	32.91 2.36 -3.05	36.46 2.88 -1.20	40.71 2.87 0.00	43.55 3.23 0.00	42.49 3.29 0.00	38.44 3.11 0.00	35.91 2.75 -2.24	31.03 2.40 -0.99	29.86 2.20 -2.08
KEDC_GLWD_GT5 24220	29.26 2.00 -0.30	26.97 1.78 -0.45	24.76 1.54 -0.31	23.39 1.46 -0.16	22.89 1.44 0.00	25.60 1.49 -1.92	25.01 1.39 0.00	24.29 1.48 0.00	25.48 1.73 0.00	26.16 1.73 -0.38	29.20 1.98 -3.62	29.99 2.00 -3.62	29.97 2.06 -3.43	31.50 2.10 -4.97	30.89 2.14 -3.50	32.91 2.36 -3.05	36.46 2.88 -1.20	40.71 2.87 0.00	43.55 3.23 0.00	42.49 3.29 0.00	38.44 3.11 0.00	35.91 2.75 -2.24	31.03 2.40 -0.99	29.86 2.20 -2.08



KENSICO____ 23655	28.39 1.43 0.00	26.00 1.26 0.00	23.97 1.05 0.00	22.79 1.02 0.00	22.46 1.01 0.00	23.22 1.02 0.00	24.70 1.09 0.00	23.86 1.05 0.00	24.86 1.12 0.00	25.25 1.20 0.00	25.04 1.44 0.00	25.78 1.41 0.00	25.97 1.49 0.00	25.92 1.49 0.00	26.78 1.54 0.00	29.26 1.68 -0.10	34.45 2.07 0.00	40.15 2.31 0.00	42.91 2.58 0.00	41.55 2.35 0.00	37.67 2.33 0.00	32.99 2.07 0.00	29.41 1.77 0.00	27.24 1.66 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	28.39 1.43 0.00	25.97 1.24 0.00	24.02 1.10 0.00	22.79 1.02 0.00	22.46 1.01 0.00	23.22 1.02 0.00	24.70 1.09 0.00	23.81 1.00 0.00	24.84 1.09 0.00	25.08 1.03 0.00	24.82 1.23 0.00	25.54 1.17 0.00	25.82 1.35 0.00	25.72 1.29 0.00	26.63 1.39 0.00	29.14 1.59 -0.06	34.26 1.88 0.00	40.07 2.23 0.00	42.95 2.62 0.00	41.63 2.43 0.00	37.63 2.30 0.00	32.99 2.07 0.00	29.38 1.74 0.00	27.19 1.61 0.00
KIAC_JFK_GT1 23816	28.52 1.56 0.00	26.10 1.36 0.00	24.02 1.10 0.00	22.84 1.07 0.00	22.50 1.05 0.00	23.26 1.07 0.00	24.79 1.18 0.00	24.02 1.21 0.00	25.08 1.33 0.00	25.49 1.44 0.00	25.34 1.75 0.00	26.10 1.73 0.00	26.29 1.81 0.00	26.24 1.81 0.00	27.14 1.89 0.00	29.62 2.03 -0.10	34.64 2.27 0.00	40.30 2.46 0.00	43.07 2.74 0.00	41.74 2.55 0.00	37.84 2.51 0.00	33.30 2.38 0.00	29.69 2.05 0.00	27.42 1.84 0.00
KIAC_JFK_GT2 23817	28.52 1.56 0.00	26.10 1.36 0.00	24.02 1.10 0.00	22.84 1.07 0.00	22.50 1.05 0.00	23.26 1.07 0.00	24.79 1.18 0.00	24.02 1.21 0.00	25.08 1.33 0.00	25.49 1.44 0.00	25.34 1.75 0.00	26.10 1.73 0.00	26.29 1.81 0.00	26.24 1.81 0.00	27.14 1.89 0.00	29.62 2.03 -0.10	34.64 2.27 0.00	40.30 2.46 0.00	43.07 2.74 0.00	41.74 2.55 0.00	37.84 2.51 0.00	33.30 2.38 0.00	29.69 2.05 0.00	27.42 1.84 0.00
KIAC_JFK____ 323774	28.52 1.56 0.00	26.10 1.36 0.00	24.02 1.10 0.00	22.84 1.07 0.00	22.50 1.05 0.00	23.26 1.07 0.00	24.79 1.18 0.00	24.02 1.21 0.00	25.17 1.42 0.00	25.49 1.44 0.00	25.34 1.75 0.00	26.10 1.73 0.00	26.26 1.79 0.00	26.24 1.81 0.00	27.14 1.89 0.00	29.62 2.03 -0.10	34.64 2.27 0.00	40.30 2.46 0.00	43.07 2.74 0.00	42.02 2.82 0.00	37.84 2.51 0.00	33.26 2.35 0.00	29.69 2.05 0.00	27.39 1.82 0.00
KINTIGH____ 23543	26.75 -0.22 0.00	24.49 -0.25 0.00	22.60 -0.32 0.00	21.27 -0.50 0.00	21.00 -0.45 0.00	21.82 -0.38 0.00	23.14 -0.47 0.00	22.79 -0.02 0.00	23.56 -0.19 0.00	24.03 -0.02 0.00	23.60 0.00 0.00	24.71 0.34 0.00	24.65 0.17 0.00	24.70 0.27 0.00	25.45 0.20 0.00	27.62 0.14 0.00	31.86 -0.52 0.00	36.89 -0.95 0.00	39.64 -0.69 0.00	37.47 -1.72 0.00	34.10 -1.24 0.00	30.02 -0.90 0.00	27.34 -0.30 0.00	25.22 -0.36 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	27.47 0.51 0.00	25.33 0.59 0.00	23.49 0.57 0.00	22.38 0.61 0.00	21.99 0.54 0.00	22.68 0.49 0.00	24.37 0.76 0.00	23.45 0.64 0.00	24.41 0.66 0.00	24.82 0.77 0.00	24.30 0.71 0.00	25.07 0.71 0.00	25.09 0.61 0.00	25.01 0.59 0.00	25.85 0.61 0.00	28.12 0.63 0.00	33.45 1.07 0.00	39.05 1.21 0.00	41.17 0.85 0.00	39.94 0.74 0.00	35.76 0.42 0.00	30.82 -0.09 0.00	27.45 -0.19 0.00	25.35 -0.23 0.00
LACHUTE____HYDRO 323717	29.74 2.78 0.00	27.26 2.52 0.00	25.10 2.18 0.00	23.84 2.07 0.00	23.47 2.02 0.00	24.33 2.13 0.00	25.81 2.20 0.00	24.68 1.87 0.00	25.86 2.11 0.00	26.09 2.04 0.00	25.63 2.03 0.00	26.39 2.02 0.00	26.29 1.81 0.00	26.07 1.64 0.00	26.98 1.74 0.00	29.48 2.09 0.10	35.13 2.75 0.00	41.59 3.75 0.00	45.24 4.92 0.00	44.25 5.06 0.00	39.64 4.31 0.00	34.35 3.43 0.00	30.71 3.07 0.00	28.34 2.76 0.00
LAWRNCALV_115KV_TB1 80681	26.83 -0.13 0.00	24.66 -0.07 0.00	22.87 -0.05 0.00	21.77 0.00 0.00	21.41 -0.04 0.00	22.06 -0.13 0.00	23.59 -0.02 0.00	22.74 -0.07 0.00	23.68 -0.07 0.00	24.07 0.02 0.00	23.57 -0.02 0.00	24.32 -0.05 0.00	24.28 -0.20 0.00	24.06 -0.37 0.00	24.86 -0.38 0.00	26.94 -0.55 0.00	31.76 -0.62 0.00	37.12 -0.72 0.00	39.32 -1.01 0.00	38.53 -0.67 0.00	34.66 -0.67 0.00	30.23 -0.68 0.00	26.95 -0.69 0.00	25.14 -0.51 -0.07
LEDERLE____ 23769	28.25 1.29 0.00	25.87 1.14 0.00	23.88 0.96 0.00	22.66 0.89 0.00	22.33 0.88 0.00	23.11 0.91 0.00	24.61 0.99 0.00	23.77 0.96 0.00	24.79 1.04 0.00	25.11 1.06 0.00	24.89 1.30 0.00	25.64 1.27 0.00	25.85 1.37 0.00	25.77 1.34 0.00	26.66 1.41 0.00	29.14 1.57 -0.09	34.32 1.94 0.00	40.04 2.19 0.00	42.79 2.46 0.00	41.39 2.19 0.00	37.49 2.16 0.00	32.86 1.95 0.00	29.30 1.66 0.00	27.11 1.53 0.00
LIGHTHSE_115KV_TB6 355974	26.91 -0.05 0.00	24.64 -0.10 0.00	22.83 -0.09 0.00	21.66 -0.11 0.00	21.37 -0.09 0.00	22.11 -0.09 0.00	23.54 -0.07 0.00	22.85 0.05 0.00	23.68 -0.07 0.00	24.00 -0.05 0.00	23.36 -0.24 0.00	24.17 -0.19 0.00	24.26 -0.22 0.00	24.21 -0.22 0.00	25.02 -0.23 0.00	27.21 -0.27 0.00	31.99 -0.39 0.00	37.42 -0.42 0.00	40.12 -0.20 0.00	38.88 -0.31 0.00	35.05 -0.28 0.00	30.79 -0.12 0.00	27.53 -0.11 0.00	25.90 -0.23 -0.55
LINDEN COGEN____ 23786	28.44 1.48 0.00	26.02 1.29 0.00	23.97 1.05 0.00	22.77 1.00 0.00	22.44 0.99 0.00	23.20 1.00 0.00	24.72 1.11 0.00	23.93 1.12 0.00	25.05 1.31 0.00	25.37 1.32 0.00	25.20 1.61 0.00	25.95 1.58 0.00	26.14 1.67 0.00	26.11 1.68 0.00	26.98 1.74 0.00	29.48 1.90 -0.10	34.68 2.30 0.00	40.23 2.39 0.00	42.99 2.66 0.00	41.94 2.74 0.00	37.77 2.44 0.00	33.08 2.16 0.00	29.52 1.88 0.00	27.29 1.71 0.00
LINDHRST_69_KV_BK1 356055	29.31 2.05 -0.30	27.02 1.83 -0.45	24.81 1.58 -0.31	23.46 1.52 -0.16	22.93 1.48 0.00	25.64 1.53 -1.92	24.98 1.37 0.00	24.34 1.53 0.00	25.29 1.54 0.00	26.18 1.76 -0.38	29.20 1.98 -3.62	29.96 1.97 -3.62	29.97 2.06 -3.43	31.48 2.08 -4.97	30.89 2.15 -3.50	32.88 2.34 -3.05	36.53 2.95 -1.20	41.25 3.41 0.00	44.04 3.71 0.00	42.61 3.41 0.00	38.51 3.18 0.00	36.00 2.84 -2.24	31.06 2.43 -0.99	29.91 2.25 -2.08
LIPA_MISC_IPP 23656	28.37 1.11 -0.30	26.16 0.96 -0.45	24.01 0.78 -0.31	22.78 0.85 -0.16	22.27 0.82 0.00	24.89 0.78 -1.92	24.11 0.50 0.00	23.61 0.80 0.00	24.39 0.64 0.00	25.34 0.91 -0.38	28.33 1.11 -3.62	29.06 1.07 -3.62	29.06 1.15 -3.43	30.57 1.17 -4.97	29.96 1.21 -3.50	31.86 1.32 -3.05	35.81 2.23 -1.20	40.57 2.72 0.00	43.03 2.70 0.00	41.63 2.43 0.00	37.52 2.19 0.00	35.04 1.89 -2.24	30.07 1.44 -0.99	29.01 1.36 -2.08
LISF____SOLAR 323691	28.42 1.16 -0.30	26.13 0.94 -0.45	24.05 0.82 -0.31	22.83 0.89 -0.16	22.31 0.86 0.00	24.93 0.82 -1.92	24.16 0.54 0.00	23.54 0.73 0.00	24.72 0.97 0.00	25.34 0.91 -0.38	28.37 1.16 -3.62	29.11 1.12 -3.62	29.08 1.17 -3.43	30.62 1.22 -4.97	30.01 1.26 -3.50	31.92 1.37 -3.05	35.91 2.33 -1.20	40.68 2.84 0.00	43.11 2.78 0.00	42.10 2.90 0.00	37.60 2.26 0.00	35.07 1.92 -2.24	30.12 1.49 -0.99	29.04 1.38 -2.08



LITTLE FALLS___HYD 24013	26.48 -0.49 0.00	24.27 -0.47 0.00	22.48 -0.44 0.00	21.36 -0.41 0.00	21.07 -0.39 0.00	21.77 -0.42 0.00	23.16 -0.45 0.00	22.37 -0.43 0.00	23.25 -0.50 0.00	23.57 -0.48 0.00	23.08 -0.52 0.00	23.81 -0.56 0.00	23.94 -0.54 0.00	23.87 -0.56 0.00	24.69 -0.56 0.00	26.91 -0.58 0.00	31.63 -0.74 0.00	37.05 -0.79 0.00	39.64 -0.69 0.00	38.57 -0.63 0.00	34.73 -0.60 0.00	30.48 -0.43 0.00	27.20 -0.44 0.00	25.14 -0.43 0.00
LITTLRIV_115KV_TB1 356100	27.04 0.08 0.00	24.86 0.12 0.00	23.03 0.11 0.00	21.92 0.15 0.00	21.56 0.11 0.00	22.22 0.02 0.00	23.76 0.14 0.00	22.92 0.11 0.00	23.84 0.09 0.00	24.24 0.19 0.00	23.69 0.09 0.00	24.44 0.07 0.00	24.40 -0.07 0.00	24.16 -0.27 0.00	24.99 -0.25 0.00	27.13 -0.36 0.00	31.99 -0.39 0.00	37.46 -0.38 0.00	39.72 -0.60 0.00	38.96 -0.24 0.00	35.05 -0.28 0.00	30.54 -0.37 0.00	27.20 -0.44 0.00	25.35 -0.31 -0.08
LI_NEWBRDGE___DRP 323616	29.10 1.83 -0.30	26.80 1.61 -0.45	24.63 1.40 -0.31	23.28 1.35 -0.16	22.76 1.31 0.00	25.47 1.35 -1.92	24.89 1.28 0.00	24.18 1.37 0.00	25.15 1.40 0.00	25.99 1.56 -0.38	29.01 1.79 -3.62	29.77 1.78 -3.62	29.77 1.86 -3.43	31.26 1.86 -4.97	30.69 1.94 -3.50	32.63 2.09 -3.05	36.17 2.59 -1.20	40.72 2.88 0.00	43.51 3.19 0.00	42.10 2.90 0.00	38.12 2.79 0.00	35.66 2.50 -2.24	30.81 2.18 -0.99	29.68 2.02 -2.08
LOCKPORT_115KV_TB60_63_64 80432	27.10 0.13 0.00	24.76 0.02 0.00	22.85 -0.07 0.00	21.44 -0.33 0.00	21.19 -0.26 0.00	22.02 -0.18 0.00	23.35 -0.26 0.00	23.04 0.23 0.00	23.80 0.05 0.00	24.31 0.26 0.00	23.90 0.31 0.00	25.10 0.73 0.00	24.99 0.51 0.00	25.11 0.68 0.00	25.82 0.58 0.00	28.04 0.55 0.00	32.22 -0.16 0.00	37.20 -0.64 0.00	40.04 -0.28 0.00	37.63 -1.57 0.00	34.27 -1.06 0.00	30.20 -0.71 0.00	27.64 0.00 0.00	25.50 -0.08 0.00
LOCKPORT___CC1 323769	27.10 0.14 0.00	24.79 0.05 0.00	22.85 -0.07 0.00	21.49 -0.28 0.00	21.20 -0.26 0.00	22.04 -0.15 0.00	23.35 -0.26 0.00	23.06 0.25 0.00	23.75 0.00 0.00	24.32 0.27 0.00	23.90 0.31 0.00	25.12 0.76 0.00	25.01 0.54 0.00	25.11 0.68 0.00	25.82 0.58 0.00	28.04 0.55 0.00	32.22 -0.16 0.00	37.20 -0.64 0.00	40.04 -0.28 0.00	37.90 -1.29 0.00	34.27 -1.06 0.00	30.58 -0.34 0.00	27.61 -0.03 0.00	25.65 0.08 0.00
LOCKPORT___CC2 323770	27.10 0.14 0.00	24.79 0.05 0.00	22.85 -0.07 0.00	21.49 -0.28 0.00	21.20 -0.26 0.00	22.04 -0.15 0.00	23.35 -0.26 0.00	23.06 0.25 0.00	23.75 0.00 0.00	24.32 0.27 0.00	23.90 0.31 0.00	25.12 0.76 0.00	25.01 0.54 0.00	25.11 0.68 0.00	25.82 0.58 0.00	28.04 0.55 0.00	32.22 -0.16 0.00	37.20 -0.64 0.00	40.04 -0.28 0.00	37.90 -1.29 0.00	34.27 -1.06 0.00	30.58 -0.34 0.00	27.61 -0.03 0.00	25.65 0.08 0.00
LOCKPORT___CC3 323771	27.10 0.14 0.00	24.79 0.05 0.00	22.85 -0.07 0.00	21.49 -0.28 0.00	21.20 -0.26 0.00	22.04 -0.15 0.00	23.35 -0.26 0.00	23.06 0.25 0.00	23.75 0.00 0.00	24.32 0.27 0.00	23.90 0.31 0.00	25.12 0.76 0.00	25.01 0.54 0.00	25.11 0.68 0.00	25.82 0.58 0.00	28.04 0.55 0.00	32.22 -0.16 0.00	37.20 -0.64 0.00	40.04 -0.28 0.00	37.90 -1.29 0.00	34.27 -1.06 0.00	30.58 -0.34 0.00	27.61 -0.03 0.00	25.65 0.08 0.00
LONG_LAKE_PHOENIX 24014	26.66 -0.30 0.00	24.44 -0.30 0.00	22.64 -0.28 0.00	21.51 -0.26 0.00	21.19 -0.26 0.00	21.93 -0.27 0.00	23.33 -0.28 0.00	22.63 -0.18 0.00	23.49 -0.26 0.00	23.81 -0.24 0.00	23.24 -0.35 0.00	24.08 -0.29 0.00	24.18 -0.29 0.00	24.14 -0.29 0.00	24.94 -0.30 0.00	27.16 -0.33 0.00	31.86 -0.52 0.00	37.27 -0.57 0.00	39.88 -0.44 0.00	38.57 -0.63 0.00	34.80 -0.53 0.00	30.48 -0.43 0.00	27.31 -0.33 0.00	25.94 -0.41 -0.78
LOVETT___3 23632	28.15 1.19 0.00	25.77 1.04 0.00	23.79 0.87 0.00	22.60 0.83 0.00	22.25 0.79 0.00	23.02 0.82 0.00	24.51 0.90 0.00	23.70 0.89 0.00	24.70 0.95 0.00	25.04 0.99 0.00	24.82 1.23 0.00	25.56 1.19 0.00	25.75 1.27 0.00	25.70 1.27 0.00	26.58 1.34 0.00	29.03 1.46 -0.09	34.19 1.81 0.00	39.85 2.01 0.00	42.58 2.26 0.00	41.19 2.00 0.00	37.31 1.98 0.00	32.71 1.79 0.00	29.16 1.52 0.00	27.01 1.43 0.00
LOVETT___4 23642	28.15 1.19 0.00	25.77 1.04 0.00	23.79 0.87 0.00	22.60 0.83 0.00	22.25 0.79 0.00	23.02 0.82 0.00	24.51 0.90 0.00	23.70 0.89 0.00	24.70 0.95 0.00	25.04 0.99 0.00	24.82 1.23 0.00	25.56 1.19 0.00	25.75 1.27 0.00	25.70 1.27 0.00	26.58 1.34 0.00	29.03 1.46 -0.09	34.19 1.81 0.00	39.85 2.01 0.00	42.58 2.26 0.00	41.19 2.00 0.00	37.31 1.98 0.00	32.71 1.79 0.00	29.16 1.52 0.00	27.01 1.43 0.00
LOVETT___5 23593	28.15 1.19 0.00	25.77 1.04 0.00	23.79 0.87 0.00	22.60 0.83 0.00	22.25 0.79 0.00	23.02 0.82 0.00	24.51 0.90 0.00	23.70 0.89 0.00	24.70 0.95 0.00	25.04 0.99 0.00	24.82 1.23 0.00	25.56 1.19 0.00	25.75 1.27 0.00	25.70 1.27 0.00	26.58 1.34 0.00	29.03 1.46 -0.09	34.19 1.81 0.00	39.85 2.01 0.00	42.58 2.26 0.00	41.19 2.00 0.00	37.31 1.98 0.00	32.71 1.79 0.00	29.16 1.52 0.00	27.01 1.43 0.00
LOWER RAQUET___HYD 24057	26.83 -0.13 0.00	24.69 -0.05 0.00	22.87 -0.05 0.00	21.77 0.00 0.00	21.41 -0.04 0.00	22.06 -0.13 0.00	23.59 -0.02 0.00	22.76 -0.05 0.00	23.70 -0.05 0.00	24.10 0.05 0.00	23.60 0.00 0.00	24.32 -0.05 0.00	24.26 -0.22 0.00	24.01 -0.42 0.00	24.81 -0.43 0.00	26.88 -0.60 0.00	31.67 -0.71 0.00	37.04 -0.80 0.00	39.20 -1.13 0.00	38.14 -1.06 0.00	34.63 -0.71 0.00	30.17 -0.74 0.00	26.90 -0.75 0.00	25.10 -0.56 -0.08
LOWER___HUDSON 24059	27.96 1.00 0.00	25.70 0.96 0.00	23.77 0.85 0.00	22.60 0.83 0.00	22.27 0.81 0.00	23.09 0.89 0.00	24.51 0.90 0.00	23.52 0.71 0.00	24.53 0.78 0.00	24.67 0.62 0.00	24.30 0.71 0.00	25.03 0.66 0.00	25.14 0.66 0.00	25.06 0.63 0.00	25.90 0.66 0.00	28.10 0.74 0.13	33.44 1.07 0.00	39.24 1.40 0.00	42.18 1.86 0.00	41.08 1.88 0.00	36.96 1.63 0.00	32.21 1.30 0.00	28.80 1.16 0.00	26.78 1.20 0.00
LOWVILLE_115KV_TB2 356335	27.55 0.59 0.00	25.28 0.54 0.00	23.40 0.48 0.00	22.23 0.46 0.00	21.90 0.45 0.00	22.64 0.44 0.00	24.11 0.50 0.00	23.40 0.59 0.00	24.22 0.47 0.00	24.58 0.53 0.00	23.95 0.35 0.00	24.68 0.32 0.00	24.77 0.29 0.00	24.65 0.22 0.00	25.50 0.25 0.00	27.82 0.33 0.00	32.73 0.36 0.00	38.41 0.57 0.00	41.29 0.97 0.00	40.22 1.02 0.00	36.22 0.88 0.00	31.72 0.80 0.00	27.97 0.33 0.00	25.93 0.18 -0.18
LUTHERFT_115KV_GLOB_FND_222 355753	28.39 1.43 0.00	26.07 1.34 0.00	24.09 1.17 0.00	22.90 1.13 0.00	22.55 1.09 0.00	23.37 1.18 0.00	24.79 1.18 0.00	23.79 0.98 0.00	24.79 1.04 0.00	25.01 0.96 0.00	24.61 1.01 0.00	25.37 1.00 0.00	25.41 0.93 0.00	25.31 0.88 0.00	26.20 0.96 0.00	28.49 1.10 0.10	33.87 1.49 0.00	39.81 1.97 0.00	42.91 2.58 0.00	41.59 2.39 0.00	37.59 2.26 0.00	32.77 1.85 0.00	29.27 1.63 0.00	27.14 1.56 0.00



LUTHERNY_35_KV_BK2 355980	28.42 1.46 0.00	26.10 1.36 0.00	24.11 1.19 0.00	22.90 1.13 0.00	22.57 1.12 0.00	23.37 1.18 0.00	24.82 1.20 0.00	23.79 0.98 0.00	24.79 1.04 0.00	25.04 0.99 0.00	24.63 1.04 0.00	25.37 1.00 0.00	25.43 0.95 0.00	25.33 0.90 0.00	26.20 0.96 0.00	28.51 1.13 0.10	33.90 1.52 0.00	39.85 2.01 0.00	42.91 2.58 0.00	41.63 2.43 0.00	37.59 2.26 0.00	32.80 1.89 0.00	29.30 1.66 0.00	27.16 1.59 0.00
LWR___OSWEGATCHIE_HYD 23850	27.10 0.13 0.00	24.88 0.15 0.00	23.05 0.14 0.00	21.92 0.15 0.00	21.58 0.13 0.00	22.26 0.07 0.00	23.78 0.17 0.00	23.01 0.21 0.00	23.87 0.12 0.00	24.24 0.19 0.00	23.67 0.07 0.00	24.42 0.05 0.00	24.40 -0.07 0.00	24.23 -0.20 0.00	25.04 -0.20 0.00	27.24 -0.25 0.00	32.09 -0.29 0.00	37.58 -0.26 0.00	40.12 -0.20 0.00	39.20 0.00 0.00	35.30 -0.04 0.00	30.85 -0.06 0.00	27.36 -0.28 0.00	25.47 -0.26 -0.15
LYONS_FALL_HYD 23570	27.61 0.65 0.00	25.33 0.59 0.00	23.44 0.53 0.00	22.27 0.50 0.00	21.95 0.49 0.00	22.68 0.49 0.00	24.16 0.54 0.00	23.42 0.62 0.00	24.27 0.52 0.00	24.65 0.60 0.00	24.04 0.45 0.00	24.78 0.41 0.00	24.89 0.42 0.00	24.80 0.37 0.00	25.65 0.40 0.00	27.98 0.50 0.00	32.89 0.52 0.00	38.56 0.72 0.00	41.45 1.13 0.00	40.33 1.14 0.00	36.32 0.99 0.00	31.81 0.90 0.00	28.17 0.52 0.00	26.10 0.38 -0.13
MADISON___COUNTY_LFGE 323628	27.80 0.84 0.00	25.48 0.74 0.00	23.58 0.66 0.00	22.38 0.61 0.00	22.05 0.60 0.00	22.82 0.62 0.00	24.27 0.66 0.00	23.56 0.75 0.00	24.39 0.64 0.00	24.80 0.75 0.00	24.21 0.61 0.00	25.03 0.66 0.00	25.14 0.66 0.00	25.06 0.64 0.00	25.92 0.68 0.00	28.26 0.77 0.00	33.19 0.81 0.00	38.86 1.02 0.00	41.74 1.41 0.00	40.45 1.25 0.00	36.46 1.13 0.00	31.97 1.05 0.00	28.53 0.88 0.00	26.43 0.72 -0.14
MALONE___115KV_TB1 356076	27.15 0.19 0.00	25.01 0.27 0.00	23.19 0.28 0.00	22.10 0.33 0.00	21.71 0.26 0.00	22.37 0.18 0.00	23.99 0.38 0.00	23.10 0.30 0.00	24.08 0.33 0.00	24.46 0.41 0.00	23.97 0.38 0.00	24.71 0.34 0.00	24.72 0.24 0.00	24.60 0.17 0.00	25.39 0.15 0.00	27.60 0.11 0.00	32.70 0.32 0.00	38.22 0.38 0.00	40.33 0.00 0.00	39.31 0.12 0.00	35.26 -0.07 0.00	30.54 -0.37 0.00	27.23 -0.41 0.00	25.22 -0.36 0.00
MAPLEWOD_115KV_TB3 80458	27.72 0.75 0.00	25.45 0.72 0.00	23.54 0.62 0.00	22.40 0.63 0.00	22.07 0.62 0.00	22.88 0.69 0.00	24.30 0.68 0.00	23.33 0.52 0.00	24.29 0.55 0.00	24.51 0.46 0.00	24.14 0.54 0.00	24.83 0.46 0.00	24.94 0.47 0.00	24.87 0.44 0.00	25.70 0.45 0.00	27.94 0.55 0.10	33.15 0.78 0.00	38.90 1.06 0.00	41.82 1.49 0.00	40.57 1.37 0.00	36.68 1.34 0.00	32.00 1.08 0.00	28.58 0.94 0.00	26.55 0.97 0.00
MAPLE_RIDGE_WT_1 323574	26.31 -0.65 0.00	24.17 -0.57 0.00	22.41 -0.50 0.00	21.33 -0.44 0.00	21.02 -0.43 0.00	21.73 -0.47 0.00	23.19 -0.42 0.00	22.40 -0.41 0.00	23.42 -0.33 0.00	23.81 -0.24 0.00	23.36 -0.24 0.00	24.10 -0.27 0.00	24.21 -0.27 0.00	24.14 -0.29 0.00	24.94 -0.30 0.00	27.13 -0.36 0.00	32.02 -0.36 0.00	37.39 -0.45 0.00	39.60 -0.72 0.00	38.30 -0.90 0.00	34.38 -0.95 0.00	29.80 -1.11 0.00	26.48 -1.16 0.00	24.43 -1.15 0.00
MAPLE_RIDGE_WT_2 323611	26.31 -0.65 0.00	24.17 -0.57 0.00	22.41 -0.50 0.00	21.33 -0.44 0.00	21.02 -0.43 0.00	21.73 -0.47 0.00	23.19 -0.42 0.00	22.40 -0.41 0.00	23.42 -0.33 0.00	23.81 -0.24 0.00	23.36 -0.24 0.00	24.10 -0.27 0.00	24.21 -0.27 0.00	24.14 -0.29 0.00	24.94 -0.30 0.00	27.13 -0.36 0.00	32.02 -0.36 0.00	37.39 -0.45 0.00	39.60 -0.72 0.00	38.30 -0.90 0.00	34.38 -0.95 0.00	29.80 -1.11 0.00	26.48 -1.16 0.00	24.43 -1.15 0.00
MARBLE_RIVER_WT_PWR 323696	26.96 0.00 0.00	24.81 0.07 0.00	23.03 0.12 0.00	21.92 0.15 0.00	21.56 0.11 0.00	22.24 0.04 0.00	23.80 0.19 0.00	22.92 0.11 0.00	23.92 0.17 0.00	24.29 0.24 0.00	23.78 0.19 0.00	24.52 0.15 0.00	24.55 0.07 0.00	24.45 0.02 0.00	25.27 0.03 0.00	27.49 0.00 0.00	32.54 0.16 0.00	37.99 0.15 0.00	40.00 -0.32 0.00	38.69 -0.51 0.00	34.87 -0.46 0.00	30.21 -0.71 0.00	26.95 -0.69 0.00	24.89 -0.69 0.00
MARSHVLE_115KV_TB1 80742	29.41 2.45 0.00	26.96 2.23 0.00	24.89 1.97 0.00	23.62 1.85 0.00	23.25 1.80 0.00	24.11 1.91 0.00	25.57 1.96 0.00	24.47 1.66 0.00	25.24 1.50 0.00	25.28 1.23 0.00	24.73 1.13 0.00	25.51 1.15 0.00	25.58 1.10 0.00	25.43 1.00 0.00	26.43 1.19 0.00	28.97 1.54 0.06	35.10 2.72 0.00	41.40 3.56 0.00	44.76 4.44 0.00	43.39 4.19 0.00	39.15 3.82 0.00	34.10 3.18 0.00	30.43 2.79 0.00	28.03 2.46 0.00
MARSH_HILL_WT_PWR 323713	29.25 2.29 0.00	26.61 1.88 0.00	24.59 1.67 0.00	23.18 1.41 0.00	22.91 1.46 0.00	23.80 1.60 0.00	25.36 1.75 0.00	24.95 2.14 0.00	25.53 1.78 0.00	26.26 2.21 0.00	25.70 2.10 0.00	26.93 2.56 0.00	26.95 2.47 0.00	27.02 2.59 0.00	27.89 2.65 0.00	30.35 2.86 0.00	35.13 2.75 0.00	40.87 3.03 0.00	43.75 3.43 0.00	41.67 2.47 0.00	37.38 2.05 0.00	33.02 2.10 0.00	29.52 1.88 0.00	27.35 1.66 -0.11
MCINTYRE_115KV_TB2 80467	27.12 0.16 0.00	24.96 0.22 0.00	23.12 0.21 0.00	22.01 0.24 0.00	21.62 0.17 0.00	22.29 0.09 0.00	23.83 0.21 0.00	22.99 0.18 0.00	23.89 0.14 0.00	24.27 0.22 0.00	23.71 0.12 0.00	24.44 0.07 0.00	24.43 -0.05 0.00	24.23 -0.20 0.00	25.07 -0.18 0.00	27.27 -0.22 0.00	32.22 -0.16 0.00	37.73 -0.11 0.00	40.04 -0.28 0.00	39.31 0.12 0.00	35.33 0.00 0.00	30.76 -0.15 0.00	27.39 -0.25 0.00	25.49 -0.15 -0.07
MECO_____69_KV_BK1 80468	29.47 2.51 0.00	27.01 2.28 0.00	24.91 1.99 0.00	23.64 1.87 0.00	23.28 1.82 0.00	24.13 1.93 0.00	25.60 1.98 0.00	24.50 1.69 0.00	25.41 1.66 0.00	25.52 1.47 0.00	24.96 1.37 0.00	25.78 1.41 0.00	25.80 1.32 0.00	25.63 1.20 0.00	26.63 1.39 0.00	29.15 1.73 0.07	35.06 2.69 0.00	41.36 3.52 0.00	44.80 4.48 0.00	43.47 4.27 0.00	39.22 3.89 0.00	34.13 3.22 0.00	30.46 2.82 0.00	28.08 2.51 0.00
MENANDS___115KV_TB5 355628	27.55 0.59 0.00	25.33 0.59 0.00	23.42 0.50 0.00	22.27 0.50 0.00	21.97 0.51 0.00	22.80 0.60 0.00	24.20 0.59 0.00	23.22 0.41 0.00	24.18 0.43 0.00	24.39 0.34 0.00	24.04 0.45 0.00	24.71 0.34 0.00	24.82 0.34 0.00	24.77 0.34 0.00	25.57 0.33 0.00	27.77 0.38 0.10	32.99 0.62 0.00	38.67 0.83 0.00	41.58 1.25 0.00	40.29 1.10 0.00	36.43 1.10 0.00	31.81 0.90 0.00	28.42 0.77 0.00	26.40 0.82 0.00
MG INDUSTRY___DRP 24185	27.61 0.65 0.00	25.38 0.64 0.00	23.47 0.55 0.00	22.31 0.54 0.00	22.01 0.56 0.00	22.82 0.62 0.00	24.20 0.59 0.00	23.22 0.41 0.00	24.15 0.40 0.00	24.34 0.29 0.00	23.90 0.31 0.00	24.56 0.19 0.00	24.65 0.17 0.00	24.58 0.15 0.00	25.42 0.18 0.00	27.70 0.27 0.06	32.86 0.49 0.00	38.60 0.76 0.00	41.49 1.17 0.00	40.29 1.10 0.00	36.39 1.06 0.00	31.78 0.87 0.00	28.42 0.77 0.00	26.37 0.79 0.00



MID___OSWEGATCHIE_HYD 23849	27.10 0.13 0.00	24.88 0.15 0.00	23.05 0.14 0.00	21.92 0.15 0.00	21.58 0.13 0.00	22.26 0.07 0.00	23.78 0.17 0.00	23.01 0.21 0.00	23.87 0.12 0.00	24.24 0.19 0.00	23.67 0.07 0.00	24.42 0.05 0.00	24.40 -0.07 0.00	24.23 -0.20 0.00	25.04 -0.20 0.00	27.24 -0.25 0.00	32.09 -0.29 0.00	37.58 -0.26 0.00	40.12 -0.20 0.00	39.20 0.00 0.00	35.30 -0.04 0.00	30.85 -0.06 0.00	27.36 -0.28 0.00	25.47 -0.26 -0.15
MID___RAQUETTE_HYD 23851	26.83 -0.13 0.00	24.69 -0.05 0.00	22.87 -0.05 0.00	21.77 0.00 0.00	21.41 -0.04 0.00	22.06 -0.13 0.00	23.59 -0.02 0.00	22.76 -0.05 0.00	23.70 -0.05 0.00	24.10 0.05 0.00	23.60 0.00 0.00	24.32 -0.05 0.00	24.26 -0.22 0.00	24.01 -0.42 0.00	24.81 -0.43 0.00	26.88 -0.60 0.00	31.67 -0.71 0.00	37.05 -0.79 0.00	39.20 -1.13 0.00	38.45 -0.74 0.00	34.63 -0.71 0.00	30.20 -0.71 0.00	26.90 -0.75 0.00	25.12 -0.54 -0.08
MILLIKEN___1 23584	27.80 0.84 0.00	25.43 0.69 0.00	23.54 0.62 0.00	22.29 0.52 0.00	21.99 0.54 0.00	22.77 0.58 0.00	24.25 0.64 0.00	23.61 0.80 0.00	24.39 0.64 0.00	24.82 0.77 0.00	24.23 0.64 0.00	25.12 0.76 0.00	25.23 0.76 0.00	25.19 0.76 0.00	26.03 0.78 0.00	28.37 0.88 0.00	33.25 0.87 0.00	38.94 1.10 0.00	41.78 1.45 0.00	40.33 1.14 0.00	36.36 1.02 0.00	31.87 0.96 0.00	28.55 0.91 0.00	26.50 0.72 -0.21
MILLIKEN___2 23585	27.80 0.84 0.00	25.43 0.69 0.00	23.54 0.62 0.00	22.29 0.52 0.00	21.99 0.54 0.00	22.77 0.58 0.00	24.25 0.64 0.00	23.61 0.80 0.00	24.39 0.64 0.00	24.82 0.77 0.00	24.23 0.64 0.00	25.12 0.76 0.00	25.23 0.76 0.00	25.19 0.76 0.00	26.03 0.78 0.00	28.37 0.88 0.00	33.25 0.87 0.00	38.94 1.10 0.00	41.78 1.45 0.00	40.33 1.14 0.00	36.36 1.02 0.00	31.87 0.96 0.00	28.55 0.91 0.00	26.50 0.72 -0.21
MILLIKEN___DIESEL 23629	27.80 0.84 0.00	25.43 0.69 0.00	23.54 0.62 0.00	22.29 0.52 0.00	21.99 0.54 0.00	22.77 0.58 0.00	24.25 0.64 0.00	23.61 0.80 0.00	24.39 0.64 0.00	24.82 0.77 0.00	24.23 0.64 0.00	25.12 0.76 0.00	25.23 0.76 0.00	25.19 0.76 0.00	26.03 0.78 0.00	28.37 0.88 0.00	33.25 0.87 0.00	38.94 1.10 0.00	41.78 1.45 0.00	40.33 1.14 0.00	36.36 1.02 0.00	31.87 0.96 0.00	28.55 0.91 0.00	26.50 0.72 -0.21
MILLSEAT___LFGE 323607	27.42 0.46 0.00	25.08 0.35 0.00	23.10 0.18 0.00	21.73 -0.04 0.00	21.43 -0.02 0.00	22.29 0.09 0.00	23.66 0.05 0.00	23.35 0.55 0.00	24.03 0.29 0.00	24.60 0.55 0.00	24.19 0.59 0.00	25.37 1.00 0.00	25.28 0.81 0.00	25.41 0.98 0.00	26.15 0.91 0.00	28.42 0.94 0.00	32.77 0.39 0.00	37.92 0.08 0.00	40.89 0.56 0.00	38.88 -0.31 0.00	35.01 -0.32 0.00	31.16 0.25 0.00	28.08 0.44 0.00	26.01 0.43 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	28.28 1.32 0.00	25.90 1.16 0.00	23.90 0.99 0.00	22.71 0.94 0.00	22.37 0.92 0.00	23.13 0.93 0.00	24.61 0.99 0.00	23.79 0.98 0.00	24.79 1.04 0.00	25.13 1.08 0.00	24.92 1.32 0.00	25.66 1.29 0.00	25.85 1.37 0.00	25.80 1.37 0.00	26.68 1.44 0.00	29.12 1.54 -0.10	34.32 1.94 0.00	40.00 2.16 0.00	42.74 2.42 0.00	41.39 2.19 0.00	37.49 2.16 0.00	32.83 1.92 0.00	29.30 1.66 0.00	27.11 1.53 0.00
MILLWOOD_13_KV_LOAD 356217	28.34 1.38 0.00	25.95 1.21 0.00	23.95 1.03 0.00	22.77 1.00 0.00	22.42 0.97 0.00	23.20 1.00 0.00	24.68 1.06 0.00	23.83 1.03 0.00	24.84 1.09 0.00	25.20 1.15 0.00	24.99 1.39 0.00	25.71 1.34 0.00	25.90 1.42 0.00	25.87 1.44 0.00	26.73 1.49 0.00	29.20 1.62 -0.10	34.38 2.01 0.00	40.11 2.27 0.00	42.87 2.54 0.00	41.51 2.31 0.00	37.59 2.26 0.00	32.92 2.01 0.00	29.38 1.74 0.00	27.19 1.61 0.00
MODEL_CITY_ENERGY 24167	26.77 -0.19 0.00	24.49 -0.25 0.00	22.57 -0.34 0.00	21.23 -0.54 0.00	20.96 -0.49 0.00	21.77 -0.42 0.00	23.09 -0.52 0.00	22.79 -0.02 0.00	23.46 -0.28 0.00	24.03 -0.02 0.00	23.62 0.02 0.00	24.81 0.44 0.00	24.70 0.22 0.00	24.77 0.34 0.00	25.50 0.25 0.00	27.68 0.19 0.00	31.80 -0.58 0.00	36.67 -1.17 0.00	39.48 -0.85 0.00	37.39 -1.80 0.00	33.82 -1.52 0.00	30.17 -0.74 0.00	27.28 -0.36 0.00	25.35 -0.23 0.00
MODERN_LFGE___ 323580	26.77 -0.19 0.00	24.49 -0.25 0.00	22.57 -0.34 0.00	21.23 -0.54 0.00	20.96 -0.49 0.00	21.77 -0.42 0.00	23.09 -0.52 0.00	22.79 -0.02 0.00	23.46 -0.28 0.00	24.03 -0.02 0.00	23.62 0.02 0.00	24.81 0.44 0.00	24.70 0.22 0.00	24.77 0.34 0.00	25.50 0.25 0.00	27.68 0.19 0.00	31.80 -0.58 0.00	36.67 -1.17 0.00	39.48 -0.85 0.00	37.39 -1.80 0.00	33.82 -1.52 0.00	30.17 -0.74 0.00	27.28 -0.36 0.00	25.35 -0.23 0.00
MOHAWK_PAPER___DRP 24187	27.72 0.75 0.00	25.45 0.72 0.00	23.54 0.62 0.00	22.40 0.63 0.00	22.07 0.62 0.00	22.88 0.69 0.00	24.30 0.68 0.00	23.33 0.52 0.00	24.29 0.55 0.00	24.51 0.46 0.00	24.14 0.54 0.00	24.83 0.46 0.00	24.94 0.47 0.00	24.87 0.44 0.00	25.70 0.45 0.00	27.94 0.55 0.10	33.15 0.78 0.00	38.90 1.06 0.00	41.82 1.49 0.00	40.57 1.37 0.00	36.68 1.34 0.00	32.00 1.08 0.00	28.58 0.94 0.00	26.55 0.97 0.00
MOHICAN___35_KV_115KV_LD 80490	28.79 1.83 0.00	26.42 1.68 0.00	24.38 1.47 0.00	23.16 1.39 0.00	22.80 1.35 0.00	23.64 1.44 0.00	25.10 1.49 0.00	24.04 1.23 0.00	25.10 1.35 0.00	25.33 1.27 0.00	24.92 1.32 0.00	25.66 1.29 0.00	25.68 1.20 0.00	25.53 1.10 0.00	26.43 1.19 0.00	28.79 1.40 0.10	34.26 1.88 0.00	40.38 2.54 0.00	43.63 3.31 0.00	42.33 3.14 0.00	38.23 2.90 0.00	33.26 2.35 0.00	29.71 2.07 0.00	27.52 1.94 0.00
MONGAUP___HYD 23641	28.15 1.18 0.00	25.77 1.04 0.00	23.83 0.92 0.00	22.60 0.83 0.00	22.29 0.84 0.00	23.06 0.86 0.00	24.53 0.92 0.00	23.63 0.82 0.00	24.67 0.93 0.00	24.84 0.79 0.00	24.56 0.97 0.00	25.27 0.90 0.00	25.48 1.00 0.00	25.41 0.98 0.00	26.30 1.06 0.00	28.78 1.21 -0.08	33.90 1.52 0.00	39.69 1.85 0.00	42.58 2.26 0.00	41.55 2.35 0.00	37.31 1.98 0.00	32.65 1.73 0.00	29.13 1.49 0.00	26.96 1.38 0.00
MONTAUK___DIESEL 23721	27.59 0.32 -0.30	25.49 0.30 -0.45	23.37 0.14 -0.31	22.20 0.26 -0.16	21.67 0.21 0.00	24.29 0.18 -1.92	23.33 -0.28 0.00	22.92 0.11 0.00	23.68 -0.07 0.00	24.79 0.36 -0.38	27.83 0.61 -3.62	28.57 0.58 -3.62	28.52 0.61 -3.43	30.08 0.68 -4.97	29.38 0.63 -3.50	31.37 0.82 -3.05	35.36 1.78 -1.20	40.19 2.35 0.00	42.46 2.14 0.00	41.16 1.96 0.00	36.92 1.59 0.00	34.49 1.33 -2.24	29.35 0.72 -0.99	28.27 0.61 -2.08
MOONROAD_115KV_HARTFLD_TB1-2 355988	28.63 1.67 0.00	26.10 1.36 0.00	24.06 1.15 0.00	22.58 0.81 0.00	22.31 0.86 0.00	23.20 1.00 0.00	24.68 1.06 0.00	24.36 1.55 0.00	25.05 1.31 0.00	25.69 1.64 0.00	25.37 1.77 0.00	26.63 2.27 0.00	26.61 2.13 0.00	26.77 2.35 0.00	27.57 2.32 0.00	29.96 2.47 0.00	34.51 2.14 0.00	39.77 1.93 0.00	42.79 2.46 0.00	39.86 0.67 0.00	36.22 0.88 0.00	31.60 0.68 0.00	28.66 1.02 0.00	26.17 0.59 0.00



MORRIS RIDGE___SOLAR 323848	27.61 0.65 0.00	25.23 0.49 0.00	23.26 0.34 0.00	21.92 0.15 0.00	21.62 0.17 0.00	22.44 0.24 0.00	23.87 0.26 0.00	23.47 0.66 0.00	24.18 0.43 0.00	24.72 0.67 0.00	24.30 0.71 0.00	25.42 1.05 0.00	25.41 0.93 0.00	25.48 1.05 0.00	26.25 1.01 0.00	28.53 1.04 0.00	33.02 0.65 0.00	38.26 0.42 0.00	41.05 0.73 0.00	39.16 -0.04 0.00	35.26 -0.07 0.00	31.26 0.34 0.00	28.08 0.44 0.00	26.08 0.43 -0.07
MORTIMER_115KV_TB3 55949	27.01 0.05 0.00	24.74 0.00 0.00	22.83 -0.09 0.00	21.55 -0.22 0.00	21.26 -0.19 0.00	22.06 -0.13 0.00	23.45 -0.17 0.00	22.99 0.18 0.00	23.80 0.05 0.00	24.24 0.19 0.00	23.79 0.19 0.00	24.83 0.46 0.00	24.84 0.37 0.00	24.87 0.44 0.00	25.62 0.38 0.00	27.90 0.41 0.00	32.38 0.00 0.00	37.69 -0.15 0.00	40.49 0.16 0.00	38.65 -0.55 0.00	34.91 -0.42 0.00	30.67 -0.25 0.00	27.72 0.08 0.00	25.55 -0.03 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	28.55 1.59 0.00	26.12 1.39 0.00	24.09 1.17 0.00	22.90 1.13 0.00	22.55 1.09 0.00	23.31 1.11 0.00	24.79 1.18 0.00	23.97 1.16 0.00	25.01 1.26 0.00	25.40 1.35 0.00	25.20 1.60 0.00	25.98 1.61 0.00	26.16 1.69 0.00	26.11 1.69 0.00	26.99 1.74 0.00	29.48 1.90 -0.10	34.71 2.33 0.00	40.38 2.54 0.00	43.15 2.82 0.00	41.78 2.59 0.00	37.88 2.54 0.00	33.17 2.26 0.00	29.60 1.96 0.00	27.39 1.82 0.00
MUNSVILLE_WIND_PWR 323609	29.44 2.48 0.00	26.91 2.18 0.00	24.89 1.97 0.00	23.60 1.83 0.00	23.30 1.85 0.00	24.11 1.91 0.00	25.67 2.05 0.00	25.14 2.33 0.00	25.77 2.02 0.00	26.41 2.36 0.00	25.63 2.03 0.00	26.49 2.12 0.00	26.63 2.15 0.00	26.55 2.12 0.00	27.44 2.20 0.00	29.99 2.50 0.00	35.06 2.69 0.00	41.25 3.41 0.00	44.84 4.52 0.00	43.59 4.39 0.00	39.01 3.67 0.00	34.25 3.34 0.00	30.46 2.82 0.00	27.99 2.25 -0.16
N SALMON___HYD 24042	27.15 0.19 0.00	25.01 0.27 0.00	23.19 0.28 0.00	22.10 0.33 0.00	21.71 0.26 0.00	22.37 0.18 0.00	23.99 0.38 0.00	23.10 0.30 0.00	24.08 0.33 0.00	24.46 0.41 0.00	23.97 0.38 0.00	24.71 0.34 0.00	24.72 0.24 0.00	24.60 0.17 0.00	25.40 0.15 0.00	27.60 0.11 0.00	32.70 0.32 0.00	38.22 0.38 0.00	40.33 0.00 0.00	39.00 -0.20 0.00	35.26 -0.07 0.00	30.55 -0.37 0.00	27.23 -0.41 0.00	25.14 -0.43 0.00
N.AKRON__115KV_KNAPP 355671	27.42 0.46 0.00	25.08 0.35 0.00	23.10 0.18 0.00	21.73 -0.04 0.00	21.45 0.00 0.00	22.31 0.11 0.00	23.66 0.05 0.00	23.33 0.52 0.00	24.10 0.36 0.00	24.60 0.55 0.00	24.21 0.61 0.00	25.39 1.02 0.00	25.31 0.83 0.00	25.41 0.98 0.00	26.15 0.91 0.00	28.42 0.93 0.00	32.73 0.36 0.00	37.92 0.08 0.00	40.89 0.56 0.00	38.53 -0.67 0.00	34.98 -0.35 0.00	30.76 -0.15 0.00	28.08 0.44 0.00	25.88 0.31 0.00
N.BELMOR_69_KV_BK1 55787	29.23 1.97 -0.30	26.95 1.76 -0.45	24.74 1.51 -0.31	23.39 1.46 -0.16	22.87 1.42 0.00	25.58 1.46 -1.92	24.98 1.37 0.00	24.29 1.48 0.00	25.27 1.52 0.00	26.13 1.71 -0.38	29.15 1.93 -3.62	29.91 1.93 -3.62	29.92 2.01 -3.43	31.43 2.03 -4.97	30.84 2.10 -3.50	32.85 2.31 -3.05	36.36 2.78 -1.20	40.94 3.10 0.00	43.75 3.43 0.00	42.37 3.17 0.00	38.37 3.04 0.00	35.88 2.72 -2.24	30.98 2.35 -0.99	29.83 2.17 -2.08
N.E_GEN_SANDY PD 24062	27.90 0.94 0.00	25.65 0.92 0.00	23.74 0.82 0.00	22.58 0.81 0.00	22.25 0.79 0.00	23.06 0.86 0.00	24.49 0.87 0.00	23.52 0.71 0.00	24.53 0.78 0.00	24.65 0.60 0.00	24.37 0.78 0.00	25.08 0.71 0.00	25.21 0.73 0.00	25.16 0.73 0.00	26.00 0.76 0.00	27.60 0.80 0.68	33.51 1.13 0.00	39.69 1.40 -0.44	41.65 1.77 0.44	41.00 1.80 0.00	36.93 1.59 0.00	32.18 1.27 0.00	28.80 1.16 0.00	26.81 1.23 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	28.17 1.21 0.00	25.80 1.06 0.00	23.81 0.89 0.00	22.62 0.85 0.00	22.27 0.82 0.00	23.04 0.84 0.00	24.53 0.92 0.00	23.72 0.91 0.00	24.72 0.97 0.00	25.06 1.01 0.00	24.85 1.25 0.00	25.59 1.22 0.00	25.77 1.30 0.00	25.72 1.29 0.00	26.61 1.36 0.00	29.06 1.48 -0.09	34.22 1.85 0.00	39.92 2.08 0.00	42.66 2.34 0.00	41.27 2.08 0.00	37.38 2.05 0.00	32.77 1.85 0.00	29.22 1.58 0.00	27.06 1.48 0.00
N.QUEENS_27_KV_LOAD 356247	28.74 1.78 0.00	26.34 1.61 0.00	24.09 1.17 0.00	23.03 1.26 0.00	22.65 1.20 0.00	23.22 1.02 0.00	24.63 1.02 0.00	23.83 1.03 0.00	24.86 1.12 0.00	25.30 1.25 0.00	25.15 1.56 0.00	25.90 1.54 0.00	26.09 1.62 0.00	26.07 1.64 0.00	26.93 1.69 0.00	29.37 1.79 -0.10	34.61 2.23 0.00	40.22 2.38 0.00	42.99 2.66 0.00	41.67 2.47 0.00	37.77 2.44 0.00	33.08 2.16 0.00	29.58 1.93 0.00	27.42 1.84 0.00
N.TROY___115KV_TB1 355778	27.96 1.00 0.00	25.70 0.96 0.00	23.77 0.85 0.00	22.60 0.83 0.00	22.27 0.82 0.00	23.08 0.89 0.00	24.51 0.90 0.00	23.52 0.71 0.00	24.48 0.74 0.00	24.68 0.63 0.00	24.30 0.71 0.00	25.03 0.66 0.00	25.14 0.66 0.00	25.06 0.64 0.00	25.90 0.66 0.00	28.10 0.74 0.13	33.45 1.07 0.00	39.24 1.40 0.00	42.18 1.85 0.00	40.88 1.69 0.00	36.96 1.63 0.00	32.28 1.36 0.00	28.80 1.16 0.00	26.81 1.23 0.00
NARROWS_GT1_1 24228	28.80 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	25.01 1.26 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	42.17 2.98 0.00	37.95 2.61 0.00	33.17 2.26 0.00	29.72 2.07 0.00	27.52 1.94 0.00
NARROWS_GT1_2 24229	28.80 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	25.01 1.26 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	42.17 2.98 0.00	37.95 2.61 0.00	33.17 2.26 0.00	29.72 2.07 0.00	27.52 1.94 0.00
NARROWS_GT1_3 24230	28.80 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	25.01 1.26 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	42.17 2.98 0.00	37.95 2.61 0.00	33.17 2.26 0.00	29.72 2.07 0.00	27.52 1.94 0.00
NARROWS_GT1_4 24231	28.80 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	25.01 1.26 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	42.17 2.98 0.00	37.95 2.61 0.00	33.17 2.26 0.00	29.72 2.07 0.00	27.52 1.94 0.00



NARROWS_GT1_5 24232	28.80 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	25.01 1.26 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	42.17 2.98 0.00	37.95 2.61 0.00	33.17 2.26 0.00	29.72 2.07 0.00	27.52 1.94 0.00
NARROWS_GT1_6 24233	28.80 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	25.01 1.26 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	42.17 2.98 0.00	37.95 2.61 0.00	33.17 2.26 0.00	29.72 2.07 0.00	27.52 1.94 0.00
NARROWS_GT1_7 24234	28.80 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	25.01 1.26 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	42.17 2.98 0.00	37.95 2.61 0.00	33.17 2.26 0.00	29.72 2.07 0.00	27.52 1.94 0.00
NARROWS_GT1_8 24235	28.80 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	25.01 1.26 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	42.17 2.98 0.00	37.95 2.61 0.00	33.17 2.26 0.00	29.72 2.07 0.00	27.52 1.94 0.00
NARROWS_GT2_1 24236	28.80 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	25.01 1.26 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	42.17 2.98 0.00	37.95 2.61 0.00	33.17 2.26 0.00	29.72 2.07 0.00	27.52 1.94 0.00
NARROWS_GT2_2 24237	28.80 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	25.01 1.26 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	42.17 2.98 0.00	37.95 2.61 0.00	33.17 2.26 0.00	29.72 2.07 0.00	27.52 1.94 0.00
NARROWS_GT2_3 24238	28.80 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	25.01 1.26 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	42.17 2.98 0.00	37.95 2.61 0.00	33.17 2.26 0.00	29.72 2.07 0.00	27.52 1.94 0.00
NARROWS_GT2_4 24239	28.80 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	25.01 1.26 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	42.17 2.98 0.00	37.95 2.61 0.00	33.17 2.26 0.00	29.72 2.07 0.00	27.52 1.94 0.00
NARROWS_GT2_5 24240	28.80 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	25.01 1.26 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	42.17 2.98 0.00	37.95 2.61 0.00	33.17 2.26 0.00	29.72 2.07 0.00	27.52 1.94 0.00
NARROWS_GT2_6 24241	28.80 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	25.01 1.26 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	42.17 2.98 0.00	37.95 2.61 0.00	33.17 2.26 0.00	29.72 2.07 0.00	27.52 1.94 0.00
NARROWS_GT2_7 24242	28.80 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	25.01 1.26 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	42.17 2.98 0.00	37.95 2.61 0.00	33.17 2.26 0.00	29.72 2.07 0.00	27.52 1.94 0.00
NARROWS_GT2_8 24243	28.80 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	25.01 1.26 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	42.17 2.98 0.00	37.95 2.61 0.00	33.17 2.26 0.00	29.72 2.07 0.00	27.52 1.94 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	28.01 1.05 0.00	25.70 0.96 0.00	23.77 0.85 0.00	22.58 0.81 0.00	22.31 0.86 0.00	23.13 0.93 0.00	24.51 0.90 0.00	23.36 0.55 0.00	24.32 0.57 0.00	24.34 0.29 0.00	23.88 0.28 0.00	24.49 0.12 0.00	24.62 0.15 0.00	24.48 0.05 0.00	25.37 0.13 0.00	27.94 0.49 0.04	32.96 0.58 0.00	39.01 1.17 0.00	42.18 1.85 0.00	41.04 1.84 0.00	36.99 1.66 0.00	32.24 1.33 0.00	28.77 1.13 0.00	26.73 1.15 0.00
NCHELSEA_115KV_TR2 355582	28.36 1.40 0.00	25.95 1.21 0.00	23.99 1.08 0.00	22.79 1.02 0.00	22.46 1.01 0.00	23.24 1.04 0.00	24.70 1.09 0.00	23.79 0.98 0.00	24.82 1.07 0.00	25.08 1.03 0.00	24.82 1.23 0.00	25.54 1.17 0.00	25.77 1.30 0.00	25.67 1.25 0.00	26.58 1.34 0.00	29.05 1.48 -0.08	34.22 1.85 0.00	40.00 2.16 0.00	42.87 2.54 0.00	41.55 2.35 0.00	37.59 2.26 0.00	32.89 1.98 0.00	29.33 1.69 0.00	27.19 1.61 0.00
NEG CAPITAL___MECHNVIL 23645	28.39 1.43 0.00	26.07 1.33 0.00	24.09 1.17 0.00	22.90 1.13 0.00	22.55 1.09 0.00	23.37 1.18 0.00	24.82 1.20 0.00	23.79 0.98 0.00	24.84 1.09 0.00	25.01 0.96 0.00	24.63 1.04 0.00	25.37 1.00 0.00	25.43 0.95 0.00	25.33 0.90 0.00	26.20 0.96 0.00	28.48 1.10 0.11	33.90 1.52 0.00	39.84 2.00 0.00	42.91 2.58 0.00	41.82 2.63 0.00	37.60 2.26 0.00	32.74 1.82 0.00	29.27 1.63 0.00	27.16 1.59 0.00



NEG CENTRAL_HIGH_ACRES 23767	26.53 -0.43 0.00	24.29 -0.44 0.00	22.43 -0.48 0.00	21.20 -0.57 0.00	20.89 -0.56 0.00	21.69 -0.51 0.00	23.07 -0.54 0.00	22.58 -0.23 0.00	23.32 -0.43 0.00	23.81 -0.24 0.00	23.31 -0.28 0.00	24.32 -0.05 0.00	24.35 -0.12 0.00	24.38 -0.05 0.00	25.12 -0.13 0.00	27.35 -0.14 0.00	31.80 -0.58 0.00	37.08 -0.76 0.00	39.80 -0.53 0.00	38.30 -0.90 0.00	34.41 -0.92 0.00	30.36 -0.56 0.00	27.25 -0.39 0.00	25.17 -0.41 0.00
NEG CENTRAL___DRP 24199	27.26 0.30 0.00	24.93 0.20 0.00	23.05 0.14 0.00	21.81 0.04 0.00	21.52 0.06 0.00	22.31 0.11 0.00	23.76 0.14 0.00	23.15 0.34 0.00	23.94 0.19 0.00	24.39 0.34 0.00	23.83 0.24 0.00	24.78 0.41 0.00	24.84 0.37 0.00	24.84 0.42 0.00	25.65 0.40 0.00	27.93 0.44 0.00	32.64 0.26 0.00	38.07 0.23 0.00	40.81 0.48 0.00	39.20 0.00 0.00	35.37 0.04 0.00	31.10 0.19 0.00	27.95 0.30 0.00	26.04 0.18 -0.28
NEG CENTRAL___INDECK 23768	28.12 1.16 0.00	25.70 0.96 0.00	23.70 0.78 0.00	22.34 0.57 0.00	22.01 0.56 0.00	22.89 0.69 0.00	24.37 0.76 0.00	23.95 1.14 0.00	24.56 0.81 0.00	25.01 0.96 0.00	24.47 0.87 0.00	25.54 1.17 0.00	25.53 1.05 0.00	25.60 1.17 0.00	26.43 1.19 0.00	28.83 1.35 0.00	33.58 1.20 0.00	39.24 1.40 0.00	42.42 2.10 0.00	40.69 1.49 0.00	36.46 1.13 0.00	32.24 1.33 0.00	28.91 1.27 0.00	26.70 1.12 0.00
NEG CENTRAL___SENECA 23627	27.53 0.57 0.00	25.18 0.45 0.00	23.24 0.32 0.00	21.97 0.20 0.00	21.67 0.21 0.00	22.46 0.27 0.00	23.94 0.33 0.00	23.40 0.59 0.00	24.18 0.43 0.00	24.65 0.60 0.00	24.12 0.52 0.00	25.12 0.76 0.00	25.19 0.71 0.00	25.19 0.76 0.00	26.00 0.76 0.00	28.31 0.82 0.00	32.99 0.62 0.00	38.41 0.57 0.00	41.17 0.85 0.00	39.43 0.24 0.00	35.62 0.28 0.00	31.38 0.46 0.00	28.22 0.58 0.00	26.16 0.43 -0.15
NEG CENTRAL___STATE_STREET 24147	27.07 0.11 0.00	24.79 0.05 0.00	22.94 0.02 0.00	21.75 -0.02 0.00	21.45 0.00 0.00	22.22 0.02 0.00	23.66 0.05 0.00	23.01 0.21 0.00	23.82 0.07 0.00	24.22 0.17 0.00	23.64 0.05 0.00	24.56 0.19 0.00	24.65 0.17 0.00	24.62 0.20 0.00	25.45 0.20 0.00	27.68 0.19 0.00	32.41 0.03 0.00	37.95 0.11 0.00	40.65 0.32 0.00	39.20 0.00 0.00	35.33 0.00 0.00	30.98 0.06 0.00	27.78 0.14 0.00	25.97 0.00 -0.39
NEG MILLWOOD___DRP 24198	28.50 1.54 0.00	26.10 1.36 0.00	24.13 1.21 0.00	22.92 1.15 0.00	22.57 1.12 0.00	23.35 1.15 0.00	24.84 1.23 0.00	23.90 1.09 0.00	24.94 1.19 0.00	25.25 1.20 0.00	25.04 1.44 0.00	25.76 1.39 0.00	25.92 1.44 0.00	25.89 1.47 0.00	26.78 1.54 0.00	29.28 1.70 -0.08	34.48 2.10 0.00	40.30 2.46 0.00	43.15 2.82 0.00	41.82 2.63 0.00	37.84 2.51 0.00	33.08 2.16 0.00	29.52 1.88 0.00	27.32 1.74 0.00
NEG NORTH_FLCN_SEA 23793	27.23 0.27 0.00	25.08 0.35 0.00	23.28 0.37 0.00	22.18 0.41 0.00	21.79 0.34 0.00	22.49 0.29 0.00	24.11 0.50 0.00	23.22 0.41 0.00	24.20 0.45 0.00	24.60 0.55 0.00	24.09 0.50 0.00	24.83 0.46 0.00	24.84 0.37 0.00	24.77 0.34 0.00	25.60 0.35 0.00	27.84 0.36 0.00	33.03 0.65 0.00	38.56 0.72 0.00	40.61 0.28 0.00	39.43 0.24 0.00	35.30 -0.04 0.00	30.48 -0.43 0.00	27.17 -0.47 0.00	25.09 -0.49 0.00
NEG NORTH_KES_CHATEGAY 23792	27.50 0.54 0.00	25.33 0.59 0.00	23.51 0.60 0.00	22.40 0.63 0.00	21.99 0.54 0.00	22.71 0.51 0.00	24.37 0.76 0.00	23.47 0.66 0.00	24.44 0.69 0.00	24.84 0.79 0.00	24.33 0.73 0.00	25.10 0.73 0.00	25.11 0.64 0.00	25.04 0.61 0.00	25.87 0.63 0.00	28.15 0.66 0.00	33.48 1.10 0.00	39.05 1.21 0.00	41.17 0.85 0.00	39.98 0.78 0.00	35.79 0.46 0.00	30.85 -0.06 0.00	27.48 -0.17 0.00	25.35 -0.23 0.00
NEG NORTH___ALICE_FALLS 23915	27.47 0.51 0.00	25.33 0.59 0.00	23.49 0.57 0.00	22.38 0.61 0.00	21.99 0.54 0.00	22.68 0.49 0.00	24.37 0.76 0.00	23.45 0.64 0.00	24.41 0.66 0.00	24.82 0.77 0.00	24.30 0.71 0.00	25.07 0.71 0.00	25.09 0.61 0.00	25.01 0.59 0.00	25.85 0.61 0.00	28.12 0.63 0.00	33.45 1.07 0.00	39.05 1.21 0.00	41.17 0.85 0.00	39.94 0.74 0.00	35.76 0.42 0.00	30.82 -0.09 0.00	27.45 -0.19 0.00	25.35 -0.23 0.00
NEG NORTH___LWR_SARANAC 23913	27.47 0.51 0.00	25.33 0.59 0.00	23.49 0.57 0.00	22.38 0.61 0.00	21.99 0.54 0.00	22.68 0.49 0.00	24.37 0.76 0.00	23.45 0.64 0.00	24.41 0.66 0.00	24.82 0.77 0.00	24.30 0.71 0.00	25.07 0.71 0.00	25.09 0.61 0.00	25.01 0.59 0.00	25.85 0.61 0.00	28.12 0.63 0.00	33.45 1.07 0.00	39.05 1.21 0.00	41.17 0.85 0.00	39.94 0.74 0.00	35.76 0.42 0.00	30.82 -0.09 0.00	27.45 -0.19 0.00	25.35 -0.23 0.00
NEG NORTH___PLATTSBURG 23628	27.47 0.51 0.00	25.33 0.59 0.00	23.49 0.57 0.00	22.40 0.63 0.00	21.99 0.54 0.00	22.68 0.49 0.00	24.37 0.76 0.00	23.45 0.64 0.00	24.41 0.66 0.00	24.82 0.77 0.00	24.30 0.71 0.00	25.08 0.71 0.00	25.09 0.61 0.00	25.01 0.59 0.00	25.85 0.60 0.00	28.12 0.63 0.00	33.44 1.07 0.00	39.05 1.21 0.00	41.17 0.85 0.00	39.67 0.47 0.00	35.76 0.43 0.00	30.82 -0.09 0.00	27.45 -0.19 0.00	25.27 -0.31 0.00
NEG WEST_LEA_LOCKPORT 23791	27.10 0.13 0.00	24.79 0.05 0.00	22.85 -0.07 0.00	21.47 -0.30 0.00	21.19 -0.26 0.00	22.04 -0.16 0.00	23.35 -0.26 0.00	23.04 0.23 0.00	23.80 0.05 0.00	24.31 0.26 0.00	23.90 0.31 0.00	25.12 0.76 0.00	25.01 0.54 0.00	25.11 0.68 0.00	25.82 0.58 0.00	28.04 0.55 0.00	32.22 -0.16 0.00	37.20 -0.64 0.00	40.04 -0.28 0.00	37.59 -1.61 0.00	34.27 -1.06 0.00	30.17 -0.74 0.00	27.61 -0.03 0.00	25.50 -0.08 0.00
NEG WEST___LANCASTER 23811	28.12 1.16 0.00	25.68 0.94 0.00	23.65 0.73 0.00	22.21 0.44 0.00	21.95 0.49 0.00	22.80 0.60 0.00	24.27 0.66 0.00	23.81 1.00 0.00	24.58 0.83 0.00	25.13 1.08 0.00	24.78 1.18 0.00	25.98 1.61 0.00	25.94 1.47 0.00	26.07 1.64 0.00	26.83 1.59 0.00	29.19 1.70 0.00	33.64 1.26 0.00	38.86 1.02 0.00	41.74 1.41 0.00	39.08 -0.12 0.00	35.65 0.32 0.00	31.41 0.49 0.00	28.61 0.97 0.00	26.47 0.90 0.00
NEG_PENN_ALLEGHNY 23528	27.53 0.57 0.00	25.20 0.47 0.00	23.31 0.39 0.00	22.07 0.30 0.00	21.75 0.30 0.00	22.53 0.33 0.00	24.01 0.40 0.00	23.35 0.55 0.00	24.18 0.43 0.00	24.60 0.55 0.00	24.14 0.54 0.00	25.05 0.68 0.00	25.14 0.66 0.00	25.14 0.71 0.00	25.95 0.71 0.00	28.26 0.77 0.00	33.06 0.68 0.00	38.56 0.72 0.00	41.29 0.97 0.00	39.90 0.71 0.00	35.86 0.53 0.00	31.57 0.65 0.00	28.25 0.61 0.00	26.28 0.54 -0.17
NEG___GEN_MONROE 24207	27.18 0.22 0.00	24.91 0.17 0.00	22.99 0.07 0.00	21.66 -0.11 0.00	21.37 -0.09 0.00	22.20 0.00 0.00	23.57 -0.05 0.00	23.10 0.30 0.00	23.89 0.14 0.00	24.34 0.29 0.00	23.88 0.28 0.00	24.95 0.58 0.00	24.92 0.44 0.00	24.92 0.49 0.00	25.65 0.40 0.00	27.93 0.44 0.00	32.44 0.06 0.00	37.69 -0.15 0.00	40.49 0.16 0.00	38.57 -0.63 0.00	34.94 -0.39 0.00	30.67 -0.25 0.00	27.83 0.19 0.00	25.68 0.10 0.00



NEPA___ENERGY 23901	27.85 0.89 0.00	25.45 0.72 0.00	23.44 0.53 0.00	22.01 0.24 0.00	21.73 0.28 0.00	22.57 0.38 0.00	24.06 0.45 0.00	23.72 0.91 0.00	24.48 0.74 0.00	25.04 0.99 0.00	24.71 1.11 0.00	25.88 1.51 0.00	25.85 1.37 0.00	25.97 1.54 0.00	26.73 1.49 0.00	29.08 1.59 0.00	33.54 1.17 0.00	38.75 0.91 0.00	41.54 1.21 0.00	38.92 -0.27 0.00	35.47 0.14 0.00	31.25 0.34 0.00	28.39 0.75 0.00	26.14 0.56 0.00
NEVERSink___HYD 23608	28.39 1.43 0.00	25.97 1.24 0.00	24.02 1.10 0.00	22.77 1.00 0.00	22.46 1.01 0.00	23.22 1.02 0.00	24.70 1.09 0.00	23.81 1.00 0.00	24.89 1.14 0.00	25.08 1.03 0.00	24.80 1.20 0.00	25.51 1.15 0.00	25.75 1.27 0.00	25.65 1.22 0.00	26.58 1.34 0.00	29.06 1.51 -0.06	34.19 1.81 0.00	40.00 2.16 0.00	42.91 2.58 0.00	41.82 2.63 0.00	37.60 2.26 0.00	32.90 1.98 0.00	29.36 1.71 0.00	27.14 1.56 0.00
NEWKRMKL_115KV_TB1 55635	27.39 0.43 0.00	25.16 0.42 0.00	23.28 0.37 0.00	22.14 0.37 0.00	21.84 0.39 0.00	22.66 0.47 0.00	24.06 0.45 0.00	23.08 0.27 0.00	24.06 0.31 0.00	24.27 0.22 0.00	23.93 0.33 0.00	24.59 0.22 0.00	24.65 0.17 0.00	24.62 0.20 0.00	25.42 0.18 0.00	27.62 0.22 0.09	32.80 0.42 0.00	38.45 0.61 0.00	41.33 1.01 0.00	40.10 0.90 0.00	36.22 0.88 0.00	31.63 0.71 0.00	28.25 0.61 0.00	26.22 0.64 0.00
NEWTON___FALLS_HYD 23847	27.10 0.13 0.00	24.88 0.15 0.00	23.05 0.14 0.00	21.92 0.15 0.00	21.58 0.13 0.00	22.26 0.07 0.00	23.78 0.17 0.00	23.01 0.21 0.00	23.87 0.12 0.00	24.24 0.19 0.00	23.67 0.07 0.00	24.42 0.05 0.00	24.40 -0.07 0.00	24.23 -0.20 0.00	25.04 -0.20 0.00	27.24 -0.25 0.00	32.09 -0.29 0.00	37.58 -0.26 0.00	40.12 -0.20 0.00	39.20 0.00 0.00	35.30 -0.04 0.00	30.85 -0.06 0.00	27.36 -0.28 0.00	25.47 -0.26 -0.15
NGRID_A1_DSASP 323792	26.69 -0.27 0.00	24.49 -0.25 0.00	22.60 -0.32 0.00	21.27 -0.50 0.00	20.98 -0.47 0.00	21.80 -0.40 0.00	23.00 -0.61 0.00	22.69 -0.11 0.00	23.37 -0.38 0.00	23.93 -0.12 0.00	23.50 -0.09 0.00	24.71 0.34 0.00	24.57 0.10 0.00	24.65 0.22 0.00	25.37 0.13 0.00	27.51 0.03 0.00	31.60 -0.78 0.00	36.44 -1.40 0.00	39.15 -1.17 0.00	37.08 -2.12 0.00	33.60 -1.73 0.00	29.99 -0.93 0.00	27.12 -0.53 0.00	25.24 -0.33 0.00
NGRID_A2_DSASP 323793	26.69 -0.27 0.00	24.49 -0.25 0.00	22.60 -0.32 0.00	21.27 -0.50 0.00	20.98 -0.47 0.00	21.80 -0.40 0.00	23.00 -0.61 0.00	22.69 -0.11 0.00	23.37 -0.38 0.00	23.93 -0.12 0.00	23.50 -0.09 0.00	24.71 0.34 0.00	24.57 0.10 0.00	24.65 0.22 0.00	25.37 0.13 0.00	27.51 0.03 0.00	31.60 -0.78 0.00	36.44 -1.40 0.00	39.15 -1.17 0.00	37.08 -2.12 0.00	33.60 -1.73 0.00	29.99 -0.93 0.00	27.12 -0.53 0.00	25.24 -0.33 0.00
NGRID_A4_DSASP 323807	26.69 -0.27 0.00	24.49 -0.25 0.00	22.60 -0.32 0.00	21.27 -0.50 0.00	20.98 -0.47 0.00	21.80 -0.40 0.00	23.00 -0.61 0.00	22.69 -0.11 0.00	23.37 -0.38 0.00	23.93 -0.12 0.00	23.50 -0.09 0.00	24.71 0.34 0.00	24.57 0.10 0.00	24.65 0.22 0.00	25.37 0.13 0.00	27.51 0.03 0.00	31.60 -0.78 0.00	36.44 -1.40 0.00	39.15 -1.17 0.00	37.08 -2.12 0.00	33.60 -1.73 0.00	29.99 -0.93 0.00	27.12 -0.53 0.00	25.24 -0.33 0.00
NIAGARA_115E_LBMP 323715	26.58 -0.38 0.00	24.32 -0.42 0.00	22.43 -0.48 0.00	21.10 -0.68 0.00	20.83 -0.62 0.00	21.64 -0.55 0.00	22.93 -0.69 0.00	22.65 -0.16 0.00	23.30 -0.45 0.00	23.86 -0.19 0.00	23.46 -0.14 0.00	24.64 0.27 0.00	24.53 0.05 0.00	24.60 0.17 0.00	25.32 0.08 0.00	27.46 -0.03 0.00	31.57 -0.81 0.00	36.40 -1.44 0.00	39.15 -1.17 0.00	37.08 -2.12 0.00	33.57 -1.77 0.00	29.96 -0.96 0.00	27.09 -0.55 0.00	25.17 -0.41 0.00
NIAGARA_115W_LBMP 323714	26.64 -0.32 0.00	24.46 -0.27 0.00	22.55 -0.37 0.00	21.23 -0.54 0.00	20.94 -0.52 0.00	21.75 -0.44 0.00	22.93 -0.69 0.00	22.65 -0.16 0.00	23.32 -0.43 0.00	23.86 -0.19 0.00	23.46 -0.14 0.00	24.64 0.27 0.00	24.53 0.05 0.00	24.60 0.17 0.00	25.29 0.05 0.00	27.43 -0.05 0.00	31.50 -0.87 0.00	36.36 -1.48 0.00	39.07 -1.25 0.00	37.00 -2.19 0.00	33.49 -1.84 0.00	29.92 -0.99 0.00	27.06 -0.58 0.00	25.17 -0.41 0.00
NIAGARA_230_LBMP 323716	26.80 -0.16 0.00	24.54 -0.20 0.00	22.62 -0.30 0.00	21.29 -0.48 0.00	21.00 -0.45 0.00	21.82 -0.38 0.00	23.12 -0.50 0.00	22.81 0.00 0.00	23.49 -0.26 0.00	24.05 0.00 0.00	23.62 0.02 0.00	24.81 0.44 0.00	24.70 0.22 0.00	24.75 0.32 0.00	25.47 0.23 0.00	27.63 0.14 0.00	31.80 -0.58 0.00	36.71 -1.13 0.00	39.40 -0.93 0.00	37.39 -1.80 0.00	33.82 -1.52 0.00	30.21 -0.71 0.00	27.28 -0.36 0.00	25.37 -0.21 0.00
NIAGARA___115KV_198_GIBSON 55903	26.64 -0.32 0.00	24.46 -0.27 0.00	22.55 -0.37 0.00	21.20 -0.57 0.00	20.94 -0.51 0.00	21.75 -0.44 0.00	22.93 -0.68 0.00	22.63 -0.18 0.00	23.37 -0.38 0.00	23.86 -0.19 0.00	23.45 -0.14 0.00	24.64 0.27 0.00	24.52 0.05 0.00	24.60 0.17 0.00	25.29 0.05 0.00	27.43 -0.05 0.00	31.50 -0.87 0.00	36.36 -1.48 0.00	39.08 -1.25 0.00	36.73 -2.47 0.00	33.50 -1.84 0.00	29.55 -1.36 0.00	27.06 -0.58 0.00	25.02 -0.56 0.00
NIAGARA___ 23760	26.80 -0.16 0.00	24.54 -0.20 0.00	22.62 -0.30 0.00	21.29 -0.48 0.00	21.00 -0.45 0.00	21.82 -0.38 0.00	23.12 -0.50 0.00	22.81 0.00 0.00	23.49 -0.26 0.00	24.05 0.00 0.00	23.62 0.02 0.00	24.81 0.44 0.00	24.70 0.22 0.00	24.75 0.32 0.00	25.47 0.23 0.00	27.63 0.14 0.00	31.80 -0.58 0.00	36.71 -1.13 0.00	39.40 -0.93 0.00	37.39 -1.80 0.00	33.82 -1.52 0.00	30.21 -0.71 0.00	27.28 -0.36 0.00	25.37 -0.21 0.00
NINE_MILE_1 23575	26.29 -0.67 0.00	24.09 -0.64 0.00	22.37 -0.55 0.00	21.23 -0.54 0.00	20.92 -0.54 0.00	21.66 -0.53 0.00	23.02 -0.59 0.00	22.33 -0.48 0.00	23.13 -0.62 0.00	23.47 -0.58 0.00	22.94 -0.66 0.00	23.73 -0.63 0.00	23.82 -0.66 0.00	23.79 -0.64 0.00	24.59 -0.66 0.00	26.77 -0.71 0.00	31.44 -0.94 0.00	36.71 -1.13 0.00	39.24 -1.09 0.00	38.06 -1.14 0.00	34.27 -1.06 0.00	30.05 -0.87 0.00	26.90 -0.75 0.00	22.45 -0.74 2.39
NINE_MILE_2 23744	26.29 -0.67 0.00	24.09 -0.64 0.00	22.37 -0.55 0.00	21.23 -0.54 0.00	20.92 -0.54 0.00	21.66 -0.53 0.00	23.02 -0.59 0.00	22.33 -0.48 0.00	23.13 -0.62 0.00	23.47 -0.58 0.00	22.94 -0.66 0.00	23.73 -0.63 0.00	23.84 -0.64 0.00	23.79 -0.64 0.00	24.59 -0.66 0.00	26.77 -0.71 0.00	31.44 -0.94 0.00	36.71 -1.13 0.00	39.24 -1.09 0.00	38.06 -1.14 0.00	34.27 -1.06 0.00	30.05 -0.87 0.00	26.90 -0.75 0.00	22.41 -0.74 2.43
NM_CAPITAL___DRP 24208	27.50 0.54 0.00	25.26 0.52 0.00	23.35 0.44 0.00	22.23 0.46 0.00	21.92 0.47 0.00	22.73 0.53 0.00	24.13 0.52 0.00	23.17 0.36 0.00	24.13 0.38 0.00	24.34 0.29 0.00	24.00 0.40 0.00	24.66 0.29 0.00	24.75 0.27 0.00	24.70 0.27 0.00	25.52 0.28 0.00	27.72 0.33 0.10	32.90 0.52 0.00	38.60 0.76 0.00	41.45 1.13 0.00	40.22 1.02 0.00	36.36 1.02 0.00	31.75 0.83 0.00	28.33 0.69 0.00	26.32 0.74 0.00



NM_CENTRAL___DRP 24181	26.83 -0.13 0.00	24.59 -0.15 0.00	22.78 -0.14 0.00	21.62 -0.15 0.00	21.30 -0.15 0.00	22.06 -0.13 0.00	23.47 -0.14 0.00	22.76 -0.05 0.00	23.61 -0.14 0.00	23.95 -0.10 0.00	23.41 -0.19 0.00	24.25 -0.12 0.00	24.35 -0.12 0.00	24.33 -0.10 0.00	25.12 -0.13 0.00	27.35 -0.14 0.00	32.09 -0.29 0.00	37.50 -0.34 0.00	40.12 -0.20 0.00	38.80 -0.39 0.00	35.02 -0.32 0.00	30.67 -0.25 0.00	27.48 -0.17 0.00	25.59 -0.23 -0.24
NM_FRONTIER___DRP 24179	26.64 -0.32 0.00	24.46 -0.27 0.00	22.55 -0.37 0.00	21.20 -0.57 0.00	20.94 -0.51 0.00	21.75 -0.44 0.00	22.93 -0.68 0.00	22.63 -0.18 0.00	23.37 -0.38 0.00	23.86 -0.19 0.00	23.45 -0.14 0.00	24.64 0.27 0.00	24.52 0.05 0.00	24.60 0.17 0.00	25.29 0.05 0.00	27.43 -0.05 0.00	31.50 -0.87 0.00	36.36 -1.48 0.00	39.08 -1.25 0.00	36.73 -2.47 0.00	33.50 -1.84 0.00	29.55 -1.36 0.00	27.06 -0.58 0.00	25.02 -0.56 0.00
NM_ST_REGIS___HYD 24053	26.88 -0.08 0.00	24.74 0.00 0.00	22.92 0.00 0.00	21.84 0.07 0.00	21.45 0.00 0.00	22.13 -0.07 0.00	23.68 0.07 0.00	22.83 0.02 0.00	23.77 0.02 0.00	24.17 0.12 0.00	23.67 0.07 0.00	24.39 0.02 0.00	24.35 -0.12 0.00	24.14 -0.29 0.00	24.94 -0.30 0.00	27.05 -0.44 0.00	31.92 -0.45 0.00	37.31 -0.53 0.00	39.44 -0.89 0.00	38.65 -0.55 0.00	34.73 -0.60 0.00	30.23 -0.68 0.00	26.92 -0.72 0.00	25.14 -0.51 -0.07
NORTHPORT___1 23551	28.96 1.70 -0.30	26.67 1.48 -0.45	24.51 1.28 -0.31	23.17 1.24 -0.16	22.67 1.22 0.00	25.33 1.22 -1.92	24.70 1.09 0.00	24.02 1.21 0.00	25.22 1.47 0.00	25.85 1.42 -0.38	28.80 1.58 -3.62	29.50 1.51 -3.62	29.50 1.59 -3.43	30.89 1.49 -4.97	30.39 1.64 -3.50	32.16 1.62 -3.05	35.62 2.04 -1.20	40.23 2.39 0.00	42.91 2.58 0.00	41.85 2.67 0.01	37.53 2.19 0.00	35.14 1.98 -2.24	30.48 1.85 -0.99	29.50 1.84 -2.08
NORTHPORT___2 23552	28.96 1.70 -0.30	26.67 1.48 -0.45	24.51 1.28 -0.31	23.17 1.24 -0.16	22.67 1.22 0.00	25.33 1.22 -1.92	24.70 1.09 0.00	24.02 1.21 0.00	25.22 1.47 0.00	25.85 1.42 -0.38	28.80 1.58 -3.62	29.50 1.51 -3.62	29.50 1.59 -3.43	30.89 1.49 -4.97	30.39 1.64 -3.50	32.16 1.62 -3.05	35.62 2.04 -1.20	40.23 2.39 0.00	42.91 2.58 0.00	41.85 2.67 0.01	37.53 2.19 0.00	35.14 1.98 -2.24	30.48 1.85 -0.99	29.50 1.84 -2.08
NORTHPORT___3 23553	29.18 1.91 -0.30	26.90 1.71 -0.45	24.70 1.47 -0.31	23.35 1.41 -0.16	22.83 1.37 0.00	25.53 1.42 -1.92	24.91 1.30 0.00	24.20 1.39 0.00	25.41 1.66 0.00	26.08 1.66 -0.38	29.10 1.89 -3.62	29.87 1.88 -3.62	29.87 1.96 -3.43	31.35 1.96 -4.97	30.79 2.04 -3.50	32.77 2.23 -3.05	36.33 2.75 -1.20	40.98 3.14 0.00	43.75 3.43 0.00	42.68 3.49 0.00	38.30 2.97 0.00	35.78 2.63 -2.24	30.92 2.29 -0.99	29.76 2.10 -2.08
NORTHPORT___4 23650	29.18 1.91 -0.30	26.90 1.71 -0.45	24.70 1.47 -0.31	23.35 1.41 -0.16	22.83 1.37 0.00	25.53 1.42 -1.92	24.91 1.30 0.00	24.20 1.39 0.00	25.41 1.66 0.00	26.08 1.66 -0.38	29.10 1.89 -3.62	29.87 1.88 -3.62	29.87 1.96 -3.43	31.35 1.96 -4.97	30.79 2.04 -3.50	32.77 2.23 -3.05	36.33 2.75 -1.20	40.98 3.14 0.00	43.75 3.43 0.00	42.68 3.49 0.00	38.30 2.97 0.00	35.78 2.63 -2.24	30.92 2.29 -0.99	29.76 2.10 -2.08
NORTHPORT___IC 23718	28.96 1.70 -0.30	26.67 1.48 -0.45	24.51 1.28 -0.31	23.20 1.26 -0.16	22.67 1.22 0.00	25.33 1.22 -1.92	24.70 1.09 0.00	24.06 1.25 0.00	25.01 1.26 0.00	25.82 1.39 -0.38	28.80 1.58 -3.62	29.50 1.51 -3.62	29.50 1.59 -3.43	30.89 1.49 -4.97	30.39 1.64 -3.50	32.16 1.62 -3.05	35.72 2.14 -1.20	40.22 2.38 0.00	42.91 2.58 0.00	41.46 2.27 0.01	37.52 2.19 0.00	35.14 1.98 -2.24	30.48 1.85 -0.99	29.50 1.84 -2.08
NORTH___COUNTRY_ESR 323785	26.85 -0.11 0.00	24.74 0.00 0.00	22.94 0.02 0.00	21.84 0.07 0.00	21.47 0.02 0.00	22.15 -0.04 0.00	23.71 0.09 0.00	22.83 0.02 0.00	23.82 0.07 0.00	24.20 0.15 0.00	23.69 0.09 0.00	24.42 0.05 0.00	24.45 -0.02 0.00	24.36 -0.07 0.00	25.17 -0.08 0.00	27.38 -0.11 0.00	32.41 0.03 0.00	37.84 0.00 0.00	39.84 -0.48 0.00	38.53 -0.67 0.00	34.77 -0.57 0.00	30.11 -0.80 0.00	26.87 -0.77 0.00	24.84 -0.74 0.00
NPX_GEN_1385_PROXY 323591	28.80 1.54 -0.30	26.60 1.41 -0.45	24.44 1.21 -0.31	23.11 1.17 -0.16	22.61 1.16 0.00	25.20 1.09 -1.92	24.63 1.01 0.00	23.95 1.14 0.00	25.13 1.38 0.00	25.63 1.20 -0.38	28.23 1.01 -3.62	27.95 0.76 -2.83	28.60 0.83 -3.29	28.50 0.73 -3.34	29.70 0.96 -3.50	31.05 0.77 -2.79	34.71 1.13 -1.20	40.40 2.12 -0.44	42.22 2.34 0.44	41.50 2.31 0.01	37.13 1.80 0.00	34.46 1.30 -2.24	29.84 1.21 -0.99	29.09 1.43 -2.08
NPX_GEN_CSC 323557	28.07 0.81 -0.30	25.78 0.59 -0.45	23.71 0.48 -0.31	22.54 0.61 -0.16	22.05 0.60 0.00	24.67 0.56 -1.92	23.83 0.21 0.00	23.20 0.39 0.00	24.37 0.62 0.00	24.98 0.55 -0.38	28.04 0.83 -3.62	28.77 0.78 -3.62	28.74 0.83 -3.43	30.30 0.90 -4.97	29.65 0.91 -3.50	31.56 1.02 -3.05	35.72 2.14 -1.20	40.89 2.61 -0.44	42.30 2.42 0.44	41.74 2.55 0.00	37.24 1.91 0.00	34.73 1.58 -2.24	29.79 1.16 -0.99	28.73 1.07 -2.08
NSINS_S___GLNS_FALLS 23858	28.79 1.83 0.00	26.42 1.68 0.00	24.38 1.47 0.00	23.16 1.39 0.00	22.82 1.37 0.00	23.64 1.44 0.00	25.10 1.49 0.00	24.04 1.23 0.00	25.10 1.35 0.00	25.35 1.30 0.00	24.94 1.34 0.00	25.68 1.32 0.00	25.68 1.20 0.00	25.53 1.10 0.00	26.43 1.19 0.00	28.79 1.40 0.10	34.29 1.91 0.00	40.38 2.54 0.00	43.63 3.31 0.00	42.37 3.17 0.00	38.23 2.90 0.00	33.26 2.35 0.00	29.71 2.07 0.00	27.52 1.94 0.00
NUCOR_STEEL___DRP 24197	27.10 0.13 0.00	24.81 0.07 0.00	22.99 0.07 0.00	21.79 0.02 0.00	21.47 0.02 0.00	22.24 0.04 0.00	23.68 0.07 0.00	23.01 0.21 0.00	23.82 0.07 0.00	24.19 0.14 0.00	23.62 0.02 0.00	24.54 0.17 0.00	24.62 0.15 0.00	24.60 0.17 0.00	25.39 0.15 0.00	27.65 0.16 0.00	32.38 0.00 0.00	37.88 0.04 0.00	40.57 0.24 0.00	39.16 -0.04 0.00	35.30 -0.04 0.00	30.95 0.03 0.00	27.78 0.14 0.00	26.01 0.03 -0.41
NUMBER_THREE_WT_PWR 323818	27.53 0.57 0.00	25.26 0.52 0.00	23.38 0.46 0.00	22.21 0.44 0.00	21.86 0.41 0.00	22.62 0.42 0.00	24.09 0.47 0.00	23.38 0.57 0.00	24.18 0.43 0.00	24.56 0.51 0.00	23.93 0.33 0.00	24.66 0.29 0.00	24.72 0.24 0.00	24.62 0.19 0.00	25.47 0.23 0.00	27.79 0.30 0.00	32.70 0.32 0.00	38.37 0.53 0.00	41.21 0.89 0.00	40.18 0.98 0.00	36.18 0.85 0.00	31.69 0.77 0.00	27.92 0.28 0.00	25.89 0.13 -0.18
NYISO_LBMP_REFERENCE 24008	26.96 0.00 0.00	24.74 0.00 0.00	22.92 0.00 0.00	21.77 0.00 0.00	21.45 0.00 0.00	22.20 0.00 0.00	23.61 0.00 0.00	22.81 0.00 0.00	23.75 0.00 0.00	24.05 0.00 0.00	23.60 0.00 0.00	24.37 0.00 0.00	24.48 0.00 0.00	24.43 0.00 0.00	25.24 0.00 0.00	27.49 0.00 0.00	32.38 0.00 0.00	37.84 0.00 0.00	40.33 0.00 0.00	39.20 0.00 0.00	35.33 0.00 0.00	30.91 0.00 0.00	27.64 0.00 0.00	25.58 0.00 0.00



NYPA_BRENTWD____GT 24164	29.23 1.97 -0.30	26.92 1.73 -0.45	24.74 1.51 -0.31	23.39 1.46 -0.16	22.87 1.42 0.00	25.58 1.46 -1.92	24.89 1.27 0.00	24.22 1.41 0.00	25.44 1.69 0.00	26.08 1.66 -0.38	29.08 1.86 -3.62	29.84 1.85 -3.62	29.82 1.91 -3.43	31.28 1.88 -4.97	30.74 1.99 -3.50	32.66 2.12 -3.05	36.33 2.75 -1.20	41.06 3.21 0.00	43.79 3.47 0.00	42.73 3.53 0.00	38.26 2.93 0.00	35.72 2.56 -2.24	30.89 2.27 -0.99	29.78 2.12 -2.08
NYPA_GOWANUS____GT5 24156	28.80 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	25.01 1.26 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	42.17 2.98 0.00	37.95 2.61 0.00	33.17 2.26 0.00	29.72 2.07 0.00	27.52 1.94 0.00
NYPA_GOWANUS____GT6 24157	28.80 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	25.01 1.26 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	42.17 2.98 0.00	37.95 2.61 0.00	33.17 2.26 0.00	29.72 2.07 0.00	27.52 1.94 0.00
NYPA_HARLEM__RVR__GT1 24160	28.69 1.73 0.00	26.30 1.56 0.00	24.06 1.15 0.00	22.99 1.22 0.00	22.63 1.18 0.00	23.20 1.00 0.00	24.57 0.97 0.01	23.78 0.98 0.01	24.93 1.19 0.01	25.24 1.20 0.01	25.10 1.51 0.01	25.85 1.49 0.01	26.01 1.54 0.01	26.01 1.59 0.01	26.85 1.62 0.01	29.31 1.73 -0.09	34.54 2.17 0.01	40.14 2.31 0.01	42.90 2.58 0.01	41.85 2.67 0.01	37.66 2.33 0.01	32.95 2.04 0.01	29.55 1.91 0.00	27.37 1.79 0.00
NYPA_HARLEM__RVR__GT2 24161	28.69 1.73 0.00	26.30 1.56 0.00	24.06 1.15 0.00	22.99 1.22 0.00	22.63 1.18 0.00	23.20 1.00 0.00	24.57 0.97 0.01	23.78 0.98 0.01	24.93 1.19 0.01	25.24 1.20 0.01	25.10 1.51 0.01	25.85 1.49 0.01	26.01 1.54 0.01	26.01 1.59 0.01	26.85 1.62 0.01	29.31 1.73 -0.09	34.54 2.17 0.01	40.14 2.31 0.01	42.90 2.58 0.01	41.85 2.67 0.01	37.66 2.33 0.01	32.95 2.04 0.01	29.55 1.91 0.00	27.37 1.79 0.00
NYPA_KENT____GT 24152	28.71 1.75 0.00	26.27 1.53 0.00	24.15 1.24 0.00	22.99 1.22 0.00	22.63 1.18 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.88 1.07 0.00	25.03 1.28 0.00	25.37 1.32 0.00	25.22 1.63 0.00	25.98 1.61 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.41 2.57 0.00	43.19 2.86 0.00	42.14 2.94 0.00	37.91 2.58 0.00	33.14 2.23 0.00	29.69 2.05 0.00	27.47 1.89 0.00
NYPA_POUCH1____GT 24155	28.88 1.91 0.00	26.39 1.66 0.00	24.25 1.33 0.00	23.08 1.31 0.00	22.74 1.29 0.00	23.26 1.07 0.00	24.65 1.04 0.00	23.71 0.91 0.01	24.88 1.14 0.01	25.22 1.18 0.01	25.08 1.49 0.01	25.82 1.46 0.01	26.01 1.54 0.01	25.99 1.56 0.01	26.85 1.62 0.01	29.31 1.73 -0.09	34.57 2.20 0.01	40.22 2.39 0.01	42.98 2.66 0.01	41.93 2.74 0.01	37.76 2.44 0.01	33.05 2.13 0.00	29.66 2.02 0.00	27.52 1.94 0.00
NYPA_VERNON____GT2 24162	28.66 1.70 0.00	26.22 1.48 0.00	24.11 1.19 0.00	22.94 1.17 0.00	22.61 1.16 0.00	23.28 1.09 0.00	24.75 1.13 0.00	23.90 1.09 0.00	25.05 1.31 0.00	25.40 1.35 0.00	25.22 1.63 0.00	25.98 1.61 0.00	26.14 1.67 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.46 1.87 -0.10	34.71 2.33 0.00	40.38 2.54 0.00	43.15 2.82 0.00	42.10 2.90 0.00	37.88 2.55 0.00	33.14 2.23 0.00	29.63 1.99 0.00	27.42 1.84 0.00
NYPA_VERNON____GT3 24163	28.66 1.70 0.00	26.22 1.48 0.00	24.11 1.19 0.00	22.94 1.17 0.00	22.61 1.16 0.00	23.28 1.09 0.00	24.75 1.13 0.00	23.90 1.09 0.00	25.05 1.31 0.00	25.40 1.35 0.00	25.22 1.63 0.00	25.98 1.61 0.00	26.14 1.67 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.46 1.87 -0.10	34.71 2.33 0.00	40.38 2.54 0.00	43.15 2.82 0.00	42.10 2.90 0.00	37.88 2.55 0.00	33.14 2.23 0.00	29.63 1.99 0.00	27.42 1.84 0.00
NYPA__ASTORIA_CC1 323568	28.63 1.67 0.00	26.19 1.46 0.00	24.09 1.17 0.00	22.94 1.17 0.00	22.59 1.14 0.00	23.24 1.04 0.00	24.70 1.09 0.00	23.88 1.07 0.00	25.03 1.28 0.00	25.35 1.30 0.00	25.20 1.61 0.00	25.95 1.58 0.00	26.12 1.64 0.00	26.09 1.66 0.00	26.96 1.72 0.00	29.43 1.84 -0.10	34.64 2.27 0.00	40.30 2.46 0.00	43.07 2.74 0.00	42.02 2.82 0.00	37.84 2.51 0.00	33.08 2.16 0.00	29.60 1.96 0.00	27.39 1.82 0.00
NYPA__ASTORIA_CC2 323569	28.63 1.67 0.00	26.19 1.46 0.00	24.09 1.17 0.00	22.94 1.17 0.00	22.59 1.14 0.00	23.24 1.04 0.00	24.70 1.09 0.00	23.88 1.07 0.00	25.03 1.28 0.00	25.35 1.30 0.00	25.20 1.61 0.00	25.95 1.58 0.00	26.12 1.64 0.00	26.09 1.66 0.00	26.96 1.72 0.00	29.43 1.84 -0.10	34.64 2.27 0.00	40.30 2.46 0.00	43.07 2.74 0.00	42.02 2.82 0.00	37.84 2.51 0.00	33.08 2.16 0.00	29.60 1.96 0.00	27.39 1.82 0.00
NYPA__HOLTSVILL 23794	28.94 1.67 -0.30	26.65 1.46 -0.45	24.51 1.28 -0.31	23.20 1.26 -0.16	22.67 1.22 0.00	25.35 1.24 -1.92	24.65 1.04 0.00	23.99 1.19 0.00	25.20 1.45 0.00	25.82 1.39 -0.38	28.84 1.63 -3.62	29.60 1.61 -3.62	29.58 1.67 -3.43	31.06 1.66 -4.97	30.49 1.74 -3.50	32.41 1.87 -3.05	36.11 2.53 -1.20	40.83 2.99 0.00	43.51 3.18 0.00	42.45 3.25 0.00	37.98 2.65 0.00	35.48 2.32 -2.24	30.59 1.96 -0.99	29.52 1.87 -2.08
NYPA__HELLGATE_GT1 24158	28.69 1.73 0.00	26.30 1.56 0.00	24.06 1.15 0.00	22.99 1.22 0.00	22.63 1.18 0.00	23.20 1.00 0.00	24.57 0.97 0.01	23.78 0.98 0.01	24.93 1.19 0.01	25.24 1.20 0.01	25.10 1.51 0.01	25.85 1.49 0.01	26.01 1.54 0.01	26.01 1.59 0.01	26.85 1.62 0.01	29.31 1.73 -0.09	34.54 2.17 0.01	40.14 2.31 0.01	42.90 2.58 0.01	41.85 2.67 0.01	37.66 2.33 0.01	32.95 2.04 0.01	29.55 1.91 0.00	27.37 1.79 0.00
NYPA__HELLGATE_GT2 24159	28.69 1.73 0.00	26.30 1.56 0.00	24.06 1.15 0.00	22.99 1.22 0.00	22.63 1.18 0.00	23.20 1.00 0.00	24.57 0.97 0.01	23.78 0.98 0.01	24.93 1.19 0.01	25.24 1.20 0.01	25.10 1.51 0.01	25.85 1.49 0.01	26.01 1.54 0.01	26.01 1.59 0.01	26.85 1.62 0.01	29.31 1.73 -0.09	34.54 2.17 0.01	40.14 2.31 0.01	42.90 2.58 0.01	41.85 2.67 0.01	37.66 2.33 0.01	32.95 2.04 0.01	29.55 1.91 0.00	27.37 1.79 0.00
NYS_BARGE__HYD 23848	27.10 0.14 0.00	24.76 0.02 0.00	22.85 -0.07 0.00	21.49 -0.28 0.00	21.20 -0.26 0.00	22.02 -0.18 0.00	23.35 -0.26 0.00	23.06 0.25 0.00	23.72 -0.02 0.00	24.29 0.24 0.00	23.90 0.31 0.00	25.10 0.73 0.00	24.99 0.51 0.00	25.11 0.68 0.00	25.82 0.58 0.00	28.04 0.55 0.00	32.25 -0.13 0.00	37.20 -0.64 0.00	40.04 -0.28 0.00	37.94 -1.26 0.00	34.31 -1.03 0.00	30.58 -0.34 0.00	27.64 0.00 0.00	25.65 0.08 0.00



OAK ORCHARD___HYD 24046	27.01 0.05 0.00	24.74 0.00 0.00	22.83 -0.09 0.00	21.55 -0.22 0.00	21.26 -0.19 0.00	22.06 -0.13 0.00	23.45 -0.16 0.00	22.99 0.18 0.00	23.75 0.00 0.00	24.24 0.19 0.00	23.78 0.19 0.00	24.83 0.46 0.00	24.84 0.37 0.00	24.87 0.44 0.00	25.62 0.38 0.00	27.90 0.41 0.00	32.38 0.00 0.00	37.69 -0.15 0.00	40.49 0.16 0.00	38.84 -0.35 0.00	34.91 -0.42 0.00	30.88 -0.03 0.00	27.72 0.08 0.00	25.65 0.08 0.00
OAKDALE___35_KV_LOAD 356122	27.45 0.49 0.00	25.11 0.37 0.00	23.24 0.32 0.00	21.99 0.22 0.00	21.69 0.24 0.00	22.46 0.27 0.00	23.92 0.31 0.00	23.26 0.46 0.00	24.10 0.36 0.00	24.51 0.46 0.00	24.07 0.47 0.00	24.95 0.58 0.00	25.06 0.59 0.00	25.04 0.61 0.00	25.85 0.61 0.00	28.15 0.66 0.00	32.96 0.58 0.00	38.41 0.57 0.00	41.13 0.81 0.00	39.51 0.31 0.00	35.72 0.39 0.00	31.38 0.46 0.00	28.17 0.53 0.00	26.15 0.41 -0.16
OCC_CHEM___DRP 24175	26.69 -0.27 0.00	24.49 -0.25 0.00	22.60 -0.32 0.00	21.23 -0.54 0.00	20.98 -0.47 0.00	21.80 -0.40 0.00	23.00 -0.61 0.00	22.67 -0.14 0.00	23.42 -0.33 0.00	23.93 -0.12 0.00	23.50 -0.09 0.00	24.71 0.34 0.00	24.57 0.10 0.00	24.65 0.22 0.00	25.37 0.13 0.00	27.51 0.03 0.00	31.57 -0.81 0.00	36.44 -1.40 0.00	39.16 -1.17 0.00	36.81 -2.39 0.00	33.57 -1.77 0.00	29.62 -1.30 0.00	27.12 -0.53 0.00	25.07 -0.51 0.00
OH_GEN_PROXY 24063	26.80 -0.16 0.00	24.54 -0.20 0.00	22.62 -0.30 0.00	21.29 -0.48 0.00	21.00 -0.45 0.00	21.82 -0.38 0.00	23.14 -0.47 0.00	22.83 0.02 0.00	23.51 -0.24 0.00	24.07 0.02 0.00	23.64 0.05 0.00	24.83 0.46 0.00	24.72 0.24 0.00	24.80 0.37 0.00	25.52 0.28 0.00	27.68 0.19 0.00	31.86 -0.52 0.00	37.23 -1.06 -0.44	39.08 -0.81 0.44	37.51 -1.68 0.00	33.88 -1.45 0.00	30.23 -0.68 0.00	27.31 -0.33 0.00	25.40 -0.18 0.00
OLIN_CORP_DRP 24177	26.64 -0.32 0.00	24.36 -0.37 0.00	22.48 -0.44 0.00	21.12 -0.65 0.00	20.87 -0.58 0.00	21.69 -0.51 0.00	22.98 -0.64 0.00	22.67 -0.14 0.00	23.42 -0.33 0.00	23.91 -0.14 0.00	23.50 -0.09 0.00	24.68 0.32 0.00	24.57 0.10 0.00	24.65 0.22 0.00	25.37 0.13 0.00	27.51 0.03 0.00	31.60 -0.78 0.00	36.48 -1.36 0.00	39.24 -1.09 0.00	36.84 -2.35 0.00	33.64 -1.70 0.00	29.62 -1.30 0.00	27.14 -0.50 0.00	25.07 -0.51 0.00
OLIN_CORP_DSASP 323712	26.69 -0.27 0.00	24.49 -0.25 0.00	22.60 -0.32 0.00	21.27 -0.50 0.00	20.98 -0.47 0.00	21.80 -0.40 0.00	23.00 -0.61 0.00	22.69 -0.11 0.00	23.37 -0.38 0.00	23.93 -0.12 0.00	23.50 -0.09 0.00	24.71 0.34 0.00	24.57 0.10 0.00	24.65 0.22 0.00	25.37 0.13 0.00	27.51 0.03 0.00	31.60 -0.78 0.00	36.44 -1.40 0.00	39.15 -1.17 0.00	37.08 -2.12 0.00	33.60 -1.73 0.00	29.99 -0.93 0.00	27.12 -0.53 0.00	25.24 -0.33 0.00
ONEIDA_HERK_LFGE 323681	27.64 0.67 0.00	25.35 0.62 0.00	23.47 0.55 0.00	22.29 0.52 0.00	21.97 0.51 0.00	22.73 0.53 0.00	24.18 0.57 0.00	23.45 0.64 0.00	24.30 0.55 0.00	24.67 0.62 0.00	24.09 0.50 0.00	24.86 0.49 0.00	24.94 0.46 0.00	24.87 0.44 0.00	25.72 0.48 0.00	28.04 0.55 0.00	32.99 0.61 0.00	38.64 0.80 0.00	41.50 1.17 0.00	40.41 1.22 0.00	36.36 1.03 0.00	31.84 0.93 0.00	28.28 0.64 0.00	26.17 0.48 -0.11
ONEIDA___115KV_TB4 55905	27.80 0.84 0.00	25.48 0.74 0.00	23.58 0.66 0.00	22.38 0.61 0.00	22.05 0.60 0.00	22.82 0.62 0.00	24.27 0.66 0.00	23.56 0.75 0.00	24.39 0.64 0.00	24.80 0.75 0.00	24.21 0.61 0.00	25.03 0.66 0.00	25.14 0.66 0.00	25.06 0.64 0.00	25.92 0.68 0.00	28.26 0.77 0.00	33.19 0.81 0.00	38.86 1.02 0.00	41.74 1.41 0.00	40.45 1.25 0.00	36.46 1.13 0.00	31.97 1.05 0.00	28.53 0.88 0.00	26.43 0.72 -0.14
ONONDAGA_REF_OCCRA 23987	26.93 -0.03 0.00	24.69 -0.05 0.00	22.87 -0.05 0.00	21.68 -0.09 0.00	21.39 -0.06 0.00	22.13 -0.07 0.00	23.57 -0.05 0.00	22.85 0.05 0.00	23.70 -0.05 0.00	24.07 0.02 0.00	23.50 -0.09 0.00	24.37 0.00 0.00	24.48 0.00 0.00	24.43 0.00 0.00	25.24 0.00 0.00	27.49 0.00 0.00	32.25 -0.13 0.00	37.73 -0.11 0.00	40.37 0.04 0.00	39.00 -0.20 0.00	35.19 -0.14 0.00	30.82 -0.09 0.00	27.61 -0.03 0.00	25.76 -0.10 -0.28
ONONDAGA___COGEN 23986	26.93 -0.03 0.00	24.69 -0.05 0.00	22.87 -0.05 0.00	21.68 -0.09 0.00	21.39 -0.06 0.00	22.13 -0.07 0.00	23.57 -0.05 0.00	22.85 0.05 0.00	23.70 -0.05 0.00	24.05 0.00 0.00	23.48 -0.12 0.00	24.34 -0.02 0.00	24.45 -0.02 0.00	24.43 0.00 0.00	25.22 -0.03 0.00	27.46 -0.03 0.00	32.18 -0.19 0.00	37.65 -0.19 0.00	40.28 -0.04 0.00	38.96 -0.24 0.00	35.16 -0.18 0.00	30.79 -0.12 0.00	27.59 -0.06 0.00	25.89 -0.13 -0.44
ONTARIO___LFGE 23819	27.53 0.57 0.00	25.18 0.45 0.00	23.24 0.32 0.00	21.97 0.20 0.00	21.67 0.21 0.00	22.46 0.27 0.00	23.94 0.33 0.00	23.42 0.62 0.00	24.15 0.40 0.00	24.65 0.60 0.00	24.11 0.52 0.00	25.12 0.76 0.00	25.19 0.71 0.00	25.19 0.76 0.00	26.00 0.76 0.00	28.31 0.82 0.00	33.02 0.65 0.00	38.41 0.57 0.00	41.17 0.85 0.00	39.67 0.47 0.00	35.79 0.46 0.00	31.50 0.59 0.00	28.22 0.58 0.00	26.21 0.48 -0.15
ORANGEVILLE_WT_PWR 323706	27.53 0.57 0.00	25.16 0.42 0.00	23.21 0.30 0.00	21.84 0.07 0.00	21.56 0.11 0.00	22.37 0.18 0.00	23.78 0.17 0.00	23.40 0.59 0.00	24.11 0.36 0.00	24.65 0.60 0.00	24.26 0.66 0.00	25.42 1.05 0.00	25.38 0.91 0.00	25.45 1.03 0.00	26.23 0.98 0.00	28.50 1.02 0.00	32.89 0.52 0.00	38.03 0.19 0.00	40.85 0.52 0.00	38.84 -0.35 0.00	35.01 -0.32 0.00	31.07 0.16 0.00	27.95 0.30 0.00	25.89 0.31 0.00
ORANGEVILLE___ESR 323794	27.53 0.57 0.00	25.16 0.42 0.00	23.21 0.30 0.00	21.84 0.07 0.00	21.56 0.11 0.00	22.37 0.18 0.00	23.78 0.17 0.00	23.40 0.59 0.00	24.11 0.36 0.00	24.65 0.60 0.00	24.26 0.66 0.00	25.42 1.05 0.00	25.38 0.91 0.00	25.45 1.03 0.00	26.23 0.98 0.00	28.50 1.02 0.00	32.89 0.52 0.00	38.03 0.19 0.00	40.85 0.52 0.00	38.84 -0.35 0.00	35.01 -0.32 0.00	31.07 0.16 0.00	27.95 0.30 0.00	25.89 0.31 0.00
OSWEGATCHIE___HYD 24044	27.10 0.14 0.00	24.89 0.15 0.00	23.06 0.14 0.00	21.92 0.15 0.00	21.58 0.13 0.00	22.26 0.07 0.00	23.78 0.17 0.00	23.01 0.20 0.00	23.87 0.12 0.00	24.24 0.19 0.00	23.67 0.07 0.00	24.42 0.05 0.00	24.40 -0.07 0.00	24.23 -0.20 0.00	25.04 -0.20 0.00	27.24 -0.25 0.00	32.09 -0.29 0.00	37.58 -0.26 0.00	40.12 -0.20 0.00	39.04 -0.16 0.00	35.30 -0.04 0.00	30.85 -0.06 0.00	27.37 -0.28 0.00	25.45 -0.28 -0.15
OSWEGO___5 23606	26.48 -0.48 0.00	24.29 -0.44 0.00	22.53 -0.39 0.00	21.38 -0.39 0.00	21.07 -0.39 0.00	21.80 -0.40 0.00	23.19 -0.42 0.00	22.49 -0.32 0.00	23.30 -0.45 0.00	23.66 -0.39 0.00	23.12 -0.47 0.00	23.93 -0.44 0.00	24.04 -0.44 0.00	23.99 -0.44 0.00	24.79 -0.45 0.00	26.99 -0.49 0.00	31.70 -0.68 0.00	37.01 -0.83 0.00	39.60 -0.72 0.00	38.37 -0.82 0.00	34.56 -0.78 0.00	30.30 -0.62 0.00	27.12 -0.53 0.00	26.83 -0.54 -1.79



OSWEGO___6 23613	26.48 -0.48 0.00	24.29 -0.44 0.00	22.53 -0.39 0.00	21.38 -0.39 0.00	21.07 -0.39 0.00	21.80 -0.40 0.00	23.19 -0.42 0.00	22.49 -0.32 0.00	23.30 -0.45 0.00	23.66 -0.39 0.00	23.12 -0.47 0.00	23.93 -0.44 0.00	24.04 -0.44 0.00	23.99 -0.44 0.00	24.79 -0.45 0.00	26.99 -0.49 0.00	31.70 -0.68 0.00	37.01 -0.83 0.00	39.60 -0.72 0.00	38.37 -0.82 0.00	34.56 -0.78 0.00	30.30 -0.62 0.00	27.12 -0.53 0.00	26.83 -0.54 -1.79
OUTOKUMPU-AB___DRP 24206	27.42 0.46 0.00	25.08 0.35 0.00	23.12 0.21 0.00	21.73 -0.04 0.00	21.45 0.00 0.00	22.29 0.09 0.00	23.59 -0.02 0.00	23.26 0.46 0.00	24.03 0.28 0.00	24.56 0.51 0.00	24.16 0.57 0.00	25.39 1.02 0.00	25.31 0.83 0.00	25.43 1.00 0.00	26.15 0.91 0.00	28.39 0.91 0.00	32.60 0.23 0.00	37.58 -0.26 0.00	40.49 0.16 0.00	37.98 -1.22 0.00	34.66 -0.67 0.00	30.48 -0.43 0.00	27.92 0.28 0.00	25.76 0.18 0.00
OXBOW___BTM 323836	27.10 0.14 0.00	24.84 0.10 0.00	22.89 -0.02 0.00	21.53 -0.24 0.00	21.26 -0.19 0.00	22.09 -0.11 0.00	23.33 -0.28 0.00	23.04 0.23 0.00	23.70 -0.05 0.00	24.29 0.24 0.00	23.88 0.28 0.00	25.10 0.73 0.00	24.99 0.51 0.00	25.09 0.66 0.00	25.82 0.58 0.00	28.01 0.52 0.00	32.18 -0.19 0.00	37.08 -0.76 0.00	39.92 -0.40 0.00	37.79 -1.41 0.00	34.20 -1.13 0.00	30.51 -0.40 0.00	27.59 -0.06 0.00	25.60 0.03 0.00
OXBOW____ 24026	27.10 0.13 0.00	24.83 0.10 0.00	22.89 -0.02 0.00	21.51 -0.26 0.00	21.26 -0.19 0.00	22.09 -0.11 0.00	23.33 -0.28 0.00	23.01 0.21 0.00	23.77 0.02 0.00	24.29 0.24 0.00	23.88 0.28 0.00	25.10 0.73 0.00	24.99 0.51 0.00	25.11 0.68 0.00	25.82 0.58 0.00	28.01 0.52 0.00	32.15 -0.23 0.00	37.08 -0.76 0.00	39.92 -0.40 0.00	37.47 -1.72 0.00	34.20 -1.13 0.00	30.11 -0.80 0.00	27.59 -0.06 0.00	25.45 -0.13 0.00
OXY_CHEM_DSASP 323612	26.69 -0.27 0.00	24.49 -0.25 0.00	22.60 -0.32 0.00	21.23 -0.54 0.00	20.98 -0.47 0.00	21.80 -0.40 0.00	23.00 -0.61 0.00	22.67 -0.14 0.00	23.42 -0.33 0.00	23.93 -0.12 0.00	23.50 -0.09 0.00	24.71 0.34 0.00	24.57 0.10 0.00	24.65 0.22 0.00	25.37 0.13 0.00	27.51 0.03 0.00	31.57 -0.81 0.00	36.44 -1.40 0.00	39.16 -1.17 0.00	36.81 -2.39 0.00	33.57 -1.77 0.00	29.62 -1.30 0.00	27.12 -0.53 0.00	25.07 -0.51 0.00
OZONE_PARK_ESR 323760	28.79 1.83 0.00	26.32 1.58 0.00	24.25 1.33 0.00	23.05 1.28 0.00	22.70 1.24 0.00	23.46 1.27 0.00	24.98 1.37 0.00	24.15 1.35 0.00	25.22 1.47 0.00	25.64 1.59 0.00	25.46 1.86 0.00	26.22 1.85 0.00	26.43 1.96 0.00	26.38 1.95 0.00	27.26 2.02 0.00	29.78 2.20 -0.10	35.06 2.69 0.00	40.79 2.95 0.00	43.59 3.27 0.00	42.21 3.02 0.00	38.27 2.93 0.00	33.51 2.60 0.00	29.88 2.24 0.00	27.62 2.05 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	26.69 -0.27 0.00	24.49 -0.25 0.00	22.60 -0.32 0.00	21.23 -0.54 0.00	20.98 -0.47 0.00	21.80 -0.40 0.00	23.00 -0.61 0.00	22.67 -0.14 0.00	23.42 -0.33 0.00	23.93 -0.12 0.00	23.50 -0.09 0.00	24.71 0.34 0.00	24.57 0.10 0.00	24.65 0.22 0.00	25.37 0.13 0.00	27.51 0.03 0.00	31.57 -0.81 0.00	36.44 -1.40 0.00	39.16 -1.17 0.00	36.81 -2.39 0.00	33.57 -1.77 0.00	29.62 -1.30 0.00	27.12 -0.53 0.00	25.07 -0.51 0.00
PACKARD___115KV_DUPONT_184 80571	26.69 -0.27 0.00	24.49 -0.25 0.00	22.60 -0.32 0.00	21.23 -0.54 0.00	20.98 -0.47 0.00	21.80 -0.40 0.00	23.00 -0.61 0.00	22.67 -0.14 0.00	23.42 -0.33 0.00	23.93 -0.12 0.00	23.50 -0.09 0.00	24.71 0.34 0.00	24.57 0.10 0.00	24.65 0.22 0.00	25.37 0.13 0.00	27.51 0.03 0.00	31.57 -0.81 0.00	36.44 -1.40 0.00	39.16 -1.17 0.00	36.81 -2.39 0.00	33.57 -1.77 0.00	29.62 -1.30 0.00	27.12 -0.53 0.00	25.07 -0.51 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	28.69 1.73 0.00	26.27 1.53 0.00	24.09 1.17 0.00	22.97 1.20 0.00	22.61 1.16 0.00	23.20 1.00 0.00	24.61 0.99 0.00	23.79 0.98 0.00	24.82 1.07 0.00	25.25 1.20 0.00	25.08 1.49 0.00	25.85 1.49 0.00	26.04 1.57 0.00	25.99 1.56 0.00	26.86 1.62 0.00	29.29 1.70 -0.10	34.51 2.14 0.00	40.15 2.31 0.00	42.91 2.58 0.00	41.59 2.39 0.00	37.70 2.37 0.00	33.02 2.10 0.00	29.55 1.91 0.00	27.39 1.82 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	28.93 1.97 0.00	26.49 1.76 0.00	24.29 1.38 0.00	23.19 1.42 0.00	22.82 1.37 0.00	23.40 1.20 0.00	24.82 1.20 0.00	23.99 1.19 0.00	25.03 1.28 0.00	25.45 1.39 0.00	25.30 1.70 0.00	26.03 1.66 0.00	26.21 1.74 0.00	26.19 1.76 0.00	27.06 1.82 0.00	29.51 1.92 0.00	34.77 2.40 0.00	40.45 2.61 0.00	43.23 2.90 0.00	41.90 2.70 0.00	38.02 2.69 0.00	33.26 2.35 0.00	29.80 2.16 0.00	27.62 2.05 0.00
PATROON___115KV_TB1 80586	27.47 0.51 0.00	25.23 0.49 0.00	23.33 0.41 0.00	22.21 0.44 0.00	21.90 0.45 0.00	22.71 0.51 0.00	24.11 0.50 0.00	23.15 0.34 0.00	24.10 0.36 0.00	24.34 0.29 0.00	23.97 0.38 0.00	24.66 0.29 0.00	24.72 0.24 0.00	24.67 0.24 0.00	25.50 0.25 0.00	27.70 0.30 0.09	32.90 0.52 0.00	38.56 0.72 0.00	41.45 1.13 0.00	40.22 1.02 0.00	36.36 1.02 0.00	31.72 0.80 0.00	28.33 0.69 0.00	26.29 0.72 0.00
PATTRSNVILLE___SOLAR 323815	28.20 1.24 0.00	25.87 1.14 0.00	23.92 1.01 0.00	22.73 0.96 0.00	22.39 0.94 0.00	23.20 1.00 0.00	24.63 1.01 0.00	23.63 0.82 0.00	24.58 0.83 0.00	24.70 0.65 0.00	24.26 0.66 0.00	25.00 0.63 0.00	25.09 0.61 0.00	24.99 0.56 0.00	25.93 0.68 0.00	28.27 0.85 0.07	33.74 1.36 0.00	39.58 1.74 0.00	42.58 2.26 0.00	41.47 2.27 0.00	37.28 1.94 0.00	32.52 1.61 0.00	29.08 1.44 0.00	26.91 1.33 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	28.04 1.08 0.00	25.58 0.84 0.00	23.58 0.66 0.00	22.14 0.37 0.00	21.88 0.43 0.00	22.73 0.53 0.00	24.18 0.57 0.00	23.77 0.96 0.00	24.53 0.78 0.00	25.08 1.03 0.00	24.73 1.13 0.00	25.93 1.56 0.00	25.90 1.42 0.00	26.04 1.61 0.00	26.81 1.57 0.00	29.14 1.65 0.00	33.54 1.17 0.00	38.71 0.87 0.00	41.62 1.29 0.00	39.00 -0.20 0.00	35.58 0.25 0.00	31.29 0.37 0.00	28.53 0.88 0.00	26.35 0.77 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	28.50 1.54 0.00	26.10 1.36 0.00	24.13 1.21 0.00	22.92 1.15 0.00	22.57 1.12 0.00	23.35 1.15 0.00	24.84 1.23 0.00	23.90 1.09 0.00	24.94 1.19 0.00	25.25 1.20 0.00	25.04 1.44 0.00	25.76 1.39 0.00	25.92 1.44 0.00	25.89 1.47 0.00	26.78 1.54 0.00	29.28 1.70 -0.08	34.48 2.10 0.00	40.30 2.46 0.00	43.15 2.82 0.00	41.82 2.63 0.00	37.84 2.51 0.00	33.08 2.16 0.00	29.52 1.88 0.00	27.32 1.74 0.00
PEEKSKILL____ 23653	28.20 1.24 0.00	25.80 1.06 0.00	23.83 0.92 0.00	22.62 0.85 0.00	22.29 0.84 0.00	23.06 0.86 0.00	24.53 0.92 0.00	23.72 0.91 0.00	24.82 1.07 0.00	25.06 1.01 0.00	24.85 1.25 0.00	25.59 1.22 0.00	25.75 1.27 0.00	25.72 1.29 0.00	26.61 1.36 0.00	29.06 1.48 -0.09	34.22 1.84 0.00	39.88 2.04 0.00	42.66 2.34 0.00	41.55 2.35 0.00	37.38 2.05 0.00	32.71 1.79 0.00	29.22 1.57 0.00	27.03 1.46 0.00



PGE MADISON___WINDPWR 24146	29.44 2.48 0.00	26.91 2.18 0.00	24.89 1.97 0.00	23.60 1.83 0.00	23.30 1.85 0.00	24.11 1.91 0.00	25.67 2.05 0.00	25.14 2.33 0.00	25.77 2.02 0.00	26.41 2.36 0.00	25.63 2.03 0.00	26.49 2.12 0.00	26.63 2.15 0.00	26.55 2.12 0.00	27.44 2.20 0.00	29.99 2.50 0.00	35.06 2.69 0.00	41.25 3.41 0.00	44.84 4.52 0.00	43.59 4.39 0.00	39.01 3.67 0.00	34.25 3.34 0.00	30.46 2.82 0.00	27.99 2.25 -0.16
PIERCEFIELD___HYD 23852	26.83 -0.13 0.00	24.69 -0.05 0.00	22.87 -0.05 0.00	21.77 0.00 0.00	21.41 -0.04 0.00	22.06 -0.13 0.00	23.59 -0.02 0.00	22.76 -0.05 0.00	23.70 -0.05 0.00	24.10 0.05 0.00	23.60 0.00 0.00	24.32 -0.05 0.00	24.26 -0.22 0.00	24.01 -0.42 0.00	24.81 -0.43 0.00	26.88 -0.60 0.00	31.67 -0.71 0.00	37.05 -0.79 0.00	39.20 -1.13 0.00	38.45 -0.74 0.00	34.63 -0.71 0.00	30.20 -0.71 0.00	26.90 -0.75 0.00	25.12 -0.54 -0.08
PINELAWN_CC_1 323563	29.21 1.94 -0.30	26.90 1.71 -0.45	24.72 1.49 -0.31	23.35 1.41 -0.16	22.85 1.39 0.00	25.55 1.44 -1.92	24.91 1.30 0.00	24.20 1.39 0.00	25.41 1.66 0.00	26.06 1.64 -0.38	29.08 1.86 -3.62	29.84 1.85 -3.62	29.82 1.91 -3.43	31.33 1.93 -4.97	30.74 1.99 -3.50	32.71 2.17 -3.05	36.33 2.75 -1.20	41.02 3.18 0.00	43.79 3.47 0.00	42.73 3.53 0.00	38.30 2.97 0.00	35.78 2.63 -2.24	30.92 2.29 -0.99	29.78 2.12 -2.08
PJM_GEN_HTP_PROXY 323702	28.55 1.59 0.00	26.10 1.36 0.00	24.06 1.15 0.00	22.88 1.11 0.00	22.55 1.09 0.00	23.28 1.09 0.00	24.79 1.18 0.00	23.97 1.16 0.00	25.10 1.35 0.00	25.40 1.35 0.00	25.22 1.63 0.00	25.98 1.61 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.71 2.33 0.00	40.82 2.54 -0.44	42.70 2.82 0.44	42.06 2.86 0.00	37.88 2.55 0.00	33.14 2.23 0.00	29.60 1.96 0.00	27.37 1.79 0.00
PJM_GEN_KEystone 24065	27.64 0.67 0.00	25.28 0.54 0.00	23.31 0.39 0.00	21.75 0.28 0.30	20.71 0.28 1.02	22.53 0.33 0.00	23.99 0.38 0.00	23.40 0.59 0.00	24.32 0.57 0.00	24.70 0.65 0.00	24.42 0.83 0.00	25.32 0.95 0.00	25.41 0.93 0.00	25.43 1.00 0.00	26.25 1.01 0.00	28.61 1.07 -0.05	33.44 1.07 0.00	39.27 0.98 -0.44	41.09 1.21 0.44	40.02 0.82 0.00	36.04 0.71 0.00	31.78 0.86 0.00	28.47 0.83 0.00	26.44 0.79 -0.07
PJM_GEN_NEPTUNE_PROXY 323594	29.10 1.83 -0.30	26.80 1.61 -0.45	24.63 1.40 -0.31	23.26 1.33 -0.16	22.76 1.31 0.00	25.47 1.35 -1.92	24.89 1.27 0.00	24.13 1.32 0.00	25.34 1.59 0.00	25.99 1.56 -0.38	29.01 1.79 -3.62	29.77 1.78 -3.62	29.77 1.86 -3.43	31.26 1.86 -4.97	30.69 1.94 -3.50	32.63 2.09 -3.05	36.14 2.56 -1.20	41.16 2.87 -0.44	43.07 3.18 0.44	42.41 3.21 0.00	38.12 2.79 0.00	35.63 2.47 -2.24	30.81 2.18 -0.99	29.68 2.02 -2.08
PJM_GEN_VFT_PROXY 323633	28.44 1.48 0.00	26.02 1.29 0.00	23.97 1.05 0.00	22.77 1.00 0.00	22.44 0.99 0.00	23.20 1.00 0.00	24.72 1.11 0.00	23.93 1.12 0.00	25.05 1.31 0.00	25.37 1.32 0.00	25.20 1.61 0.00	25.95 1.58 0.00	26.14 1.67 0.00	26.11 1.68 0.00	26.98 1.74 0.00	29.48 1.90 -0.10	34.68 2.30 0.00	40.67 2.39 -0.44	42.54 2.66 0.44	41.94 2.74 0.00	37.77 2.44 0.00	33.08 2.16 0.00	29.52 1.88 0.00	27.29 1.71 0.00
PLATSBURG_115KV_PMLD1 355749	27.26 0.30 0.00	25.13 0.40 0.00	23.33 0.41 0.00	22.21 0.44 0.00	21.82 0.36 0.00	22.53 0.33 0.00	24.16 0.54 0.00	23.24 0.43 0.00	24.22 0.47 0.00	24.63 0.58 0.00	24.12 0.52 0.00	24.86 0.49 0.00	24.89 0.42 0.00	24.82 0.39 0.00	25.62 0.38 0.00	27.87 0.38 0.00	33.09 0.71 0.00	38.60 0.76 0.00	40.65 0.32 0.00	39.51 0.31 0.00	35.33 0.00 0.00	30.51 -0.40 0.00	27.20 -0.44 0.00	25.12 -0.46 0.00
PLEASANTVLY___LBMP 24000	28.09 1.13 0.00	25.75 1.01 0.00	23.81 0.89 0.00	22.64 0.87 0.00	22.29 0.84 0.00	23.08 0.89 0.00	24.53 0.92 0.00	23.65 0.84 0.00	24.63 0.88 0.00	24.94 0.89 0.00	24.71 1.11 0.00	25.42 1.05 0.00	25.60 1.13 0.00	25.55 1.12 0.00	26.40 1.16 0.00	28.86 1.26 -0.11	33.96 1.59 0.00	39.66 1.82 0.00	42.42 2.10 0.00	41.12 1.92 0.00	37.21 1.87 0.00	32.58 1.67 0.00	29.08 1.44 0.00	26.96 1.38 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	28.36 1.40 0.00	25.97 1.24 0.00	23.97 1.05 0.00	22.79 1.02 0.00	22.44 0.99 0.00	23.22 1.02 0.00	24.70 1.09 0.00	23.83 1.03 0.00	24.86 1.12 0.00	25.20 1.15 0.00	24.99 1.39 0.00	25.73 1.36 0.00	25.92 1.44 0.00	25.87 1.44 0.00	26.73 1.49 0.00	29.21 1.62 -0.10	34.42 2.04 0.00	40.11 2.27 0.00	42.91 2.58 0.00	41.55 2.35 0.00	37.63 2.30 0.00	32.96 2.04 0.00	29.38 1.74 0.00	27.21 1.64 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	28.36 1.40 0.00	25.97 1.24 0.00	23.97 1.05 0.00	22.79 1.02 0.00	22.44 0.99 0.00	23.22 1.02 0.00	24.70 1.09 0.00	23.83 1.03 0.00	24.86 1.12 0.00	25.20 1.15 0.00	24.99 1.39 0.00	25.73 1.36 0.00	25.92 1.44 0.00	25.87 1.44 0.00	26.73 1.49 0.00	29.21 1.62 -0.10	34.42 2.04 0.00	40.11 2.27 0.00	42.91 2.58 0.00	41.55 2.35 0.00	37.63 2.30 0.00	32.96 2.04 0.00	29.38 1.74 0.00	27.21 1.64 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	28.25 1.29 0.00	25.87 1.14 0.00	23.93 1.01 0.00	22.75 0.98 0.00	22.42 0.97 0.00	23.20 1.00 0.00	24.65 1.04 0.00	23.74 0.94 0.00	24.75 1.00 0.00	25.01 0.96 0.00	24.75 1.16 0.00	25.46 1.10 0.00	25.68 1.20 0.00	25.60 1.17 0.00	26.48 1.24 0.00	28.86 1.37 0.00	34.09 1.72 0.00	39.85 2.01 0.00	42.70 2.38 0.00	41.39 2.19 0.00	37.45 2.12 0.00	32.77 1.85 0.00	29.22 1.58 0.00	27.09 1.51 0.00
POLETTI___ 23519	28.58 1.62 0.00	26.15 1.41 0.00	24.09 1.17 0.00	22.90 1.13 0.00	22.57 1.12 0.00	23.31 1.11 0.00	24.82 1.20 0.00	24.02 1.21 0.00	25.03 1.28 0.00	25.45 1.39 0.00	25.27 1.68 0.00	26.03 1.66 0.00	26.21 1.74 0.00	26.19 1.76 0.00	27.06 1.82 0.00	29.54 1.95 -0.10	34.77 2.40 0.00	40.41 2.57 0.00	43.19 2.86 0.00	41.82 2.63 0.00	37.95 2.61 0.00	33.23 2.32 0.00	29.63 1.99 0.00	27.42 1.84 0.00
POMONA___ESR 323819	28.18 1.21 0.00	25.80 1.06 0.00	23.81 0.89 0.00	22.60 0.83 0.00	22.27 0.81 0.00	23.04 0.84 0.00	24.53 0.92 0.00	23.72 0.91 0.00	24.82 1.07 0.00	25.06 1.01 0.00	24.85 1.25 0.00	25.59 1.22 0.00	25.77 1.30 0.00	25.72 1.29 0.00	26.61 1.36 0.00	29.06 1.48 -0.09	34.22 1.84 0.00	39.92 2.08 0.00	42.66 2.34 0.00	41.55 2.35 0.00	37.35 2.01 0.00	32.71 1.79 0.00	29.22 1.57 0.00	27.03 1.46 0.00
PORT_JEFF_3 23555	28.99 1.73 -0.30	26.70 1.51 -0.45	24.56 1.33 -0.31	23.24 1.31 -0.16	22.72 1.27 0.00	25.40 1.29 -1.92	24.70 1.09 0.00	24.04 1.23 0.00	25.25 1.50 0.00	25.89 1.47 -0.38	28.92 1.70 -3.62	29.65 1.66 -3.62	29.65 1.74 -3.43	31.13 1.73 -4.97	30.56 1.82 -3.50	32.49 1.95 -3.05	36.24 2.66 -1.20	40.98 3.14 0.00	43.67 3.35 0.00	42.60 3.41 0.00	38.12 2.79 0.00	35.57 2.41 -2.24	30.67 2.05 -0.99	29.58 1.92 -2.08



PORT_JEFF_4 23616	28.99 1.73 -0.30	26.70 1.51 -0.45	24.56 1.33 -0.31	23.24 1.31 -0.16	22.72 1.27 0.00	25.40 1.29 -1.92	24.70 1.09 0.00	24.04 1.23 0.00	25.25 1.50 0.00	25.89 1.47 -0.38	28.92 1.70 -3.62	29.65 1.66 -3.62	29.65 1.74 -3.43	31.13 1.73 -4.97	30.56 1.82 -3.50	32.49 1.95 -3.05	36.24 2.66 -1.20	40.98 3.14 0.00	43.67 3.35 0.00	42.60 3.41 0.00	38.12 2.79 0.00	35.57 2.41 -2.24	30.67 2.05 -0.99	29.58 1.92 -2.08
PORT_JEFF_IC 23713	28.99 1.73 -0.30	26.72 1.53 -0.45	24.53 1.31 -0.31	23.24 1.31 -0.16	22.72 1.27 0.00	25.38 1.27 -1.92	24.68 1.06 0.00	24.09 1.28 0.00	24.98 1.23 0.00	25.89 1.47 -0.38	28.89 1.68 -3.62	29.65 1.66 -3.62	29.65 1.74 -3.43	31.16 1.76 -4.97	30.56 1.82 -3.50	32.52 1.98 -3.05	36.30 2.72 -1.20	41.06 3.22 0.00	43.75 3.43 0.00	42.33 3.14 0.00	38.16 2.83 0.00	35.66 2.50 -2.24	30.70 2.07 -0.99	29.60 1.94 -2.08
PPL PILGRIM_ST_GT1 24216	29.23 1.97 -0.30	26.92 1.73 -0.45	24.74 1.51 -0.31	23.39 1.46 -0.16	22.87 1.42 0.00	25.58 1.46 -1.92	24.89 1.27 0.00	24.22 1.41 0.00	25.44 1.69 0.00	26.08 1.66 -0.38	29.08 1.86 -3.62	29.84 1.85 -3.62	29.82 1.91 -3.43	31.28 1.88 -4.97	30.74 1.99 -3.50	32.66 2.12 -3.05	36.33 2.75 -1.20	41.06 3.21 0.00	43.79 3.47 0.00	42.73 3.53 0.00	38.26 2.93 0.00	35.72 2.56 -2.24	30.89 2.27 -0.99	29.78 2.12 -2.08
PPL PILGRIM_ST_GT2 24217	29.23 1.97 -0.30	26.92 1.73 -0.45	24.74 1.51 -0.31	23.39 1.46 -0.16	22.87 1.42 0.00	25.58 1.46 -1.92	24.89 1.27 0.00	24.22 1.41 0.00	25.44 1.69 0.00	26.08 1.66 -0.38	29.08 1.86 -3.62	29.84 1.85 -3.62	29.82 1.91 -3.43	31.28 1.88 -4.97	30.74 1.99 -3.50	32.66 2.12 -3.05	36.33 2.75 -1.20	41.06 3.21 0.00	43.79 3.47 0.00	42.73 3.53 0.00	38.26 2.93 0.00	35.72 2.56 -2.24	30.89 2.27 -0.99	29.78 2.12 -2.08
PPL_SHRM_GT3 24213	28.18 0.92 -0.30	25.88 0.69 -0.45	23.80 0.57 -0.31	22.63 0.70 -0.16	22.12 0.67 0.00	24.73 0.62 -1.92	23.92 0.31 0.00	23.29 0.48 0.00	24.46 0.71 0.00	25.08 0.65 -0.38	28.14 0.92 -3.62	28.86 0.88 -3.62	28.84 0.93 -3.43	30.38 0.98 -4.97	29.76 1.01 -3.50	31.67 1.13 -3.05	35.78 2.20 -1.20	40.53 2.69 0.00	42.87 2.54 0.00	41.86 2.67 0.00	37.35 2.01 0.00	34.83 1.67 -2.24	29.87 1.25 -0.99	28.81 1.15 -2.08
PPL_SHRM_GT4 24214	28.18 0.92 -0.30	25.88 0.69 -0.45	23.80 0.57 -0.31	22.63 0.70 -0.16	22.12 0.67 0.00	24.73 0.62 -1.92	23.92 0.31 0.00	23.29 0.48 0.00	24.46 0.71 0.00	25.08 0.65 -0.38	28.14 0.92 -3.62	28.86 0.88 -3.62	28.84 0.93 -3.43	30.38 0.98 -4.97	29.76 1.01 -3.50	31.67 1.13 -3.05	35.78 2.20 -1.20	40.53 2.69 0.00	42.87 2.54 0.00	41.86 2.67 0.00	37.35 2.01 0.00	34.83 1.67 -2.24	29.87 1.25 -0.99	28.81 1.15 -2.08
PROJECT___ORANGE 1 24174	26.85 -0.11 0.00	24.59 -0.15 0.00	22.78 -0.14 0.00	21.62 -0.15 0.00	21.30 -0.15 0.00	22.06 -0.13 0.00	23.47 -0.14 0.00	22.76 -0.05 0.00	23.63 -0.12 0.00	23.98 -0.07 0.00	23.41 -0.19 0.00	24.27 -0.10 0.00	24.38 -0.10 0.00	24.33 -0.10 0.00	25.14 -0.10 0.00	27.38 -0.11 0.00	32.09 -0.29 0.00	37.54 -0.30 0.00	40.16 -0.16 0.00	38.80 -0.39 0.00	35.02 -0.32 0.00	30.70 -0.22 0.00	27.50 -0.14 0.00	25.61 -0.20 -0.24
PROJECT___ORANGE 2 24166	26.85 -0.11 0.00	24.59 -0.15 0.00	22.78 -0.14 0.00	21.62 -0.15 0.00	21.30 -0.15 0.00	22.06 -0.13 0.00	23.47 -0.14 0.00	22.76 -0.05 0.00	23.63 -0.12 0.00	23.98 -0.07 0.00	23.41 -0.19 0.00	24.27 -0.10 0.00	24.38 -0.10 0.00	24.33 -0.10 0.00	25.14 -0.10 0.00	27.38 -0.11 0.00	32.09 -0.29 0.00	37.54 -0.30 0.00	40.16 -0.16 0.00	38.80 -0.39 0.00	35.02 -0.32 0.00	30.70 -0.22 0.00	27.50 -0.14 0.00	25.61 -0.20 -0.24
PUCKETT___SOLAR 323809	27.93 0.97 0.00	25.58 0.84 0.00	23.65 0.73 0.00	22.40 0.63 0.00	22.07 0.62 0.00	22.86 0.67 0.00	24.35 0.73 0.00	23.72 0.91 0.00	24.49 0.74 0.00	24.91 0.86 0.00	24.37 0.78 0.00	25.27 0.90 0.00	25.36 0.88 0.00	25.31 0.88 0.00	26.15 0.91 0.00	28.50 1.02 0.00	33.41 1.04 0.00	39.09 1.25 0.00	42.02 1.69 0.00	40.69 1.49 0.00	36.54 1.20 0.00	32.12 1.20 0.00	28.72 1.08 0.00	26.66 0.92 -0.16
PYRITES___HYD 24023	27.07 0.11 0.00	24.91 0.17 0.00	23.08 0.16 0.00	21.97 0.20 0.00	21.58 0.13 0.00	22.24 0.04 0.00	23.78 0.17 0.00	22.97 0.16 0.00	23.87 0.12 0.00	24.24 0.19 0.00	23.71 0.12 0.00	24.44 0.07 0.00	24.40 -0.07 0.00	24.18 -0.24 0.00	25.02 -0.23 0.00	27.16 -0.33 0.00	32.05 -0.32 0.00	37.54 -0.30 0.00	39.84 -0.48 0.00	39.12 -0.08 0.00	35.16 -0.18 0.00	30.64 -0.28 0.00	27.28 -0.36 0.00	25.40 -0.26 -0.08
QUAKERRD_115KV_BK1 80622	26.42 -0.54 0.00	24.22 -0.52 0.00	22.37 -0.55 0.00	21.14 -0.63 0.00	20.83 -0.62 0.00	21.62 -0.58 0.00	23.00 -0.61 0.00	22.49 -0.32 0.00	23.30 -0.45 0.00	23.74 -0.31 0.00	23.27 -0.33 0.00	24.25 -0.12 0.00	24.26 -0.22 0.00	24.28 -0.15 0.00	25.04 -0.20 0.00	27.27 -0.22 0.00	31.70 -0.68 0.00	36.93 -0.91 0.00	39.64 -0.69 0.00	37.94 -1.25 0.00	34.24 -1.10 0.00	30.08 -0.83 0.00	27.14 -0.50 0.00	25.02 -0.56 0.00
QUEENSBRY_115KV_TB8 356137	28.88 1.91 0.00	26.49 1.76 0.00	24.45 1.54 0.00	23.23 1.46 0.00	22.87 1.42 0.00	23.71 1.51 0.00	25.15 1.53 0.00	24.11 1.30 0.00	25.17 1.42 0.00	25.42 1.37 0.00	25.01 1.42 0.00	25.76 1.39 0.00	25.75 1.27 0.00	25.60 1.17 0.00	26.51 1.26 0.00	28.88 1.48 0.10	34.38 2.01 0.00	40.53 2.69 0.00	43.83 3.51 0.00	42.57 3.37 0.00	38.41 3.07 0.00	33.39 2.47 0.00	29.83 2.18 0.00	27.60 2.02 0.00
RAMAPO___LBMP 323565	28.07 1.11 0.00	25.70 0.96 0.00	23.72 0.80 0.00	22.53 0.76 0.00	22.20 0.75 0.00	22.97 0.78 0.00	24.46 0.85 0.00	23.65 0.84 0.00	24.65 0.90 0.00	24.99 0.94 0.00	24.75 1.16 0.00	25.49 1.12 0.00	25.68 1.20 0.00	25.63 1.20 0.00	26.51 1.26 0.00	28.95 1.37 -0.09	34.09 1.72 0.00	39.73 1.89 0.00	42.46 2.14 0.00	41.08 1.88 0.00	37.21 1.87 0.00	32.62 1.70 0.00	29.11 1.46 0.00	26.93 1.36 0.00
RANKINE____ 23646	27.72 0.75 0.00	25.30 0.57 0.00	23.33 0.41 0.00	21.92 0.15 0.00	21.64 0.19 0.00	22.49 0.29 0.00	23.87 0.26 0.00	23.52 0.71 0.00	24.29 0.55 0.00	24.82 0.77 0.00	24.45 0.85 0.00	25.66 1.29 0.00	25.60 1.13 0.00	25.72 1.29 0.00	26.46 1.21 0.00	28.75 1.26 0.00	33.06 0.68 0.00	38.14 0.30 0.00	41.01 0.69 0.00	38.49 -0.71 0.00	35.09 -0.25 0.00	30.88 -0.03 0.00	28.19 0.55 0.00	26.01 0.43 0.00
RAVENSWOOD_GT2_1 24244	28.58 1.62 0.00	26.15 1.41 0.00	24.09 1.17 0.00	22.90 1.13 0.00	22.57 1.12 0.00	23.31 1.11 0.00	24.79 1.18 0.00	23.97 1.16 0.00	25.01 1.26 0.00	25.42 1.37 0.00	25.22 1.63 0.00	25.98 1.61 0.00	26.19 1.71 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.38 2.54 0.00	43.15 2.82 0.00	41.82 2.63 0.00	37.91 2.58 0.00	33.20 2.29 0.00	29.60 1.96 0.00	27.39 1.82 0.00



RAVENSWOOD_GT2_2 24245	28.58 1.62 0.00	26.15 1.41 0.00	24.09 1.17 0.00	22.90 1.13 0.00	22.57 1.12 0.00	23.31 1.11 0.00	24.79 1.18 0.00	23.97 1.16 0.00	25.01 1.26 0.00	25.42 1.37 0.00	25.22 1.63 0.00	25.98 1.61 0.00	26.19 1.71 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.38 2.54 0.00	43.15 2.82 0.00	41.82 2.63 0.00	37.91 2.58 0.00	33.20 2.29 0.00	29.60 1.96 0.00	27.39 1.82 0.00
RAVENSWOOD_GT2_3 24246	28.58 1.62 0.00	26.15 1.41 0.00	24.09 1.17 0.00	22.90 1.13 0.00	22.57 1.12 0.00	23.31 1.11 0.00	24.79 1.18 0.00	23.99 1.19 0.00	25.01 1.26 0.00	25.42 1.37 0.00	25.25 1.65 0.00	26.00 1.63 0.00	26.19 1.71 0.00	26.14 1.71 0.00	27.04 1.79 0.00	29.51 1.92 -0.10	34.74 2.36 0.00	40.41 2.57 0.00	43.19 2.86 0.00	41.82 2.63 0.00	37.91 2.58 0.00	33.20 2.29 0.00	29.63 1.99 0.00	27.42 1.84 0.00
RAVENSWOOD_GT2_4 24247	28.58 1.62 0.00	26.15 1.41 0.00	24.09 1.17 0.00	22.90 1.13 0.00	22.57 1.12 0.00	23.31 1.11 0.00	24.79 1.18 0.00	23.99 1.19 0.00	25.01 1.26 0.00	25.42 1.37 0.00	25.25 1.65 0.00	26.00 1.63 0.00	26.19 1.71 0.00	26.14 1.71 0.00	27.04 1.79 0.00	29.51 1.92 -0.10	34.74 2.36 0.00	40.41 2.57 0.00	43.19 2.86 0.00	41.82 2.63 0.00	37.91 2.58 0.00	33.20 2.29 0.00	29.63 1.99 0.00	27.42 1.84 0.00
RAVENSWOOD_GT3_1 24248	28.58 1.62 0.00	26.15 1.41 0.00	24.09 1.17 0.00	22.90 1.13 0.00	22.57 1.12 0.00	23.31 1.11 0.00	24.79 1.18 0.00	23.97 1.16 0.00	25.01 1.26 0.00	25.42 1.37 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.19 1.71 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.51 1.92 -0.10	34.74 2.36 0.00	40.38 2.54 0.00	43.15 2.82 0.00	41.82 2.63 0.00	37.91 2.58 0.00	33.20 2.29 0.00	29.60 1.96 0.00	27.39 1.82 0.00
RAVENSWOOD_GT3_2 24249	28.58 1.62 0.00	26.15 1.41 0.00	24.09 1.17 0.00	22.90 1.13 0.00	22.57 1.12 0.00	23.31 1.11 0.00	24.79 1.18 0.00	23.97 1.16 0.00	25.01 1.26 0.00	25.42 1.37 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.19 1.71 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.51 1.92 -0.10	34.74 2.36 0.00	40.38 2.54 0.00	43.15 2.82 0.00	41.82 2.63 0.00	37.91 2.58 0.00	33.20 2.29 0.00	29.60 1.96 0.00	27.39 1.82 0.00
RAVENSWOOD_GT3_3 24250	28.61 1.64 0.00	26.17 1.43 0.00	24.11 1.19 0.00	22.92 1.15 0.00	22.59 1.14 0.00	23.33 1.13 0.00	24.82 1.20 0.00	24.02 1.21 0.00	25.03 1.28 0.00	25.45 1.39 0.00	25.27 1.68 0.00	26.03 1.66 0.00	26.21 1.74 0.00	26.19 1.76 0.00	27.06 1.82 0.00	29.54 1.95 -0.10	34.77 2.40 0.00	40.45 2.61 0.00	43.23 2.90 0.00	41.86 2.67 0.00	37.95 2.61 0.00	33.23 2.32 0.00	29.66 2.02 0.00	27.44 1.87 0.00
RAVENSWOOD_GT3_4 24251	28.61 1.64 0.00	26.17 1.43 0.00	24.11 1.19 0.00	22.92 1.15 0.00	22.59 1.14 0.00	23.33 1.13 0.00	24.82 1.20 0.00	24.02 1.21 0.00	25.03 1.28 0.00	25.45 1.39 0.00	25.27 1.68 0.00	26.03 1.66 0.00	26.21 1.74 0.00	26.19 1.76 0.00	27.06 1.82 0.00	29.54 1.95 -0.10	34.77 2.40 0.00	40.45 2.61 0.00	43.23 2.90 0.00	41.86 2.67 0.00	37.95 2.61 0.00	33.23 2.32 0.00	29.66 2.02 0.00	27.44 1.87 0.00
RAVENSWOOD_GT_1 23729	28.66 1.70 0.00	26.22 1.48 0.00	24.11 1.19 0.00	22.97 1.20 0.00	22.61 1.16 0.00	23.28 1.09 0.00	24.75 1.13 0.00	23.93 1.12 0.00	24.96 1.21 0.00	25.40 1.35 0.00	25.22 1.63 0.00	25.98 1.61 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.45 1.87 -0.10	34.71 2.33 0.00	40.38 2.54 0.00	43.15 2.82 0.00	41.78 2.59 0.00	37.91 2.58 0.00	33.17 2.26 0.00	29.63 1.99 0.00	27.44 1.87 0.00
RAVENSWOOD_GT_10 24258	28.58 1.62 0.00	26.15 1.41 0.00	24.09 1.17 0.00	22.90 1.13 0.00	22.57 1.12 0.00	23.31 1.11 0.00	24.79 1.18 0.00	23.99 1.19 0.00	25.01 1.26 0.00	25.42 1.37 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.19 1.71 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.51 1.92 -0.10	34.74 2.36 0.00	40.41 2.57 0.00	43.19 2.86 0.00	41.82 2.63 0.00	37.91 2.58 0.00	33.20 2.29 0.00	29.63 1.99 0.00	27.39 1.82 0.00
RAVENSWOOD_GT_11 24259	28.58 1.62 0.00	26.15 1.41 0.00	24.09 1.17 0.00	22.90 1.13 0.00	22.57 1.12 0.00	23.31 1.11 0.00	24.79 1.18 0.00	23.99 1.19 0.00	25.01 1.26 0.00	25.42 1.37 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.19 1.71 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.51 1.92 -0.10	34.74 2.36 0.00	40.41 2.57 0.00	43.19 2.86 0.00	41.82 2.63 0.00	37.91 2.58 0.00	33.20 2.29 0.00	29.63 1.99 0.00	27.39 1.82 0.00
RAVENSWOOD_GT_4 24252	28.55 1.59 0.00	26.12 1.39 0.00	24.09 1.17 0.00	22.90 1.13 0.00	22.55 1.09 0.00	23.31 1.11 0.00	24.82 1.20 0.00	23.99 1.19 0.00	25.03 1.28 0.00	25.45 1.39 0.00	25.25 1.65 0.00	26.00 1.63 0.00	26.19 1.71 0.00	26.16 1.73 0.00	27.04 1.79 0.00	29.51 1.92 -0.10	34.74 2.36 0.00	40.41 2.57 0.00	43.19 2.86 0.00	41.82 2.63 0.00	37.91 2.58 0.00	33.23 2.32 0.00	29.63 1.99 0.00	27.39 1.82 0.00
RAVENSWOOD_GT_5 24254	28.55 1.59 0.00	26.12 1.39 0.00	24.09 1.17 0.00	22.90 1.13 0.00	22.55 1.09 0.00	23.31 1.11 0.00	24.82 1.20 0.00	23.99 1.19 0.00	25.03 1.28 0.00	25.45 1.39 0.00	25.25 1.65 0.00	26.00 1.63 0.00	26.19 1.71 0.00	26.16 1.73 0.00	27.04 1.79 0.00	29.51 1.92 -0.10	34.74 2.36 0.00	40.41 2.57 0.00	43.19 2.86 0.00	41.82 2.63 0.00	37.91 2.58 0.00	33.23 2.32 0.00	29.63 1.99 0.00	27.39 1.82 0.00
RAVENSWOOD_GT_6 24253	28.55 1.59 0.00	26.12 1.39 0.00	24.09 1.17 0.00	22.90 1.13 0.00	22.55 1.09 0.00	23.31 1.11 0.00	24.82 1.20 0.00	23.99 1.19 0.00	25.03 1.28 0.00	25.45 1.39 0.00	25.25 1.65 0.00	26.00 1.63 0.00	26.19 1.71 0.00	26.16 1.73 0.00	27.04 1.79 0.00	29.51 1.92 -0.10	34.74 2.36 0.00	40.41 2.57 0.00	43.19 2.86 0.00	41.82 2.63 0.00	37.91 2.58 0.00	33.23 2.32 0.00	29.63 1.99 0.00	27.39 1.82 0.00
RAVENSWOOD_GT_7 24255	28.55 1.59 0.00	26.12 1.39 0.00	24.09 1.17 0.00	22.90 1.13 0.00	22.55 1.09 0.00	23.31 1.11 0.00	24.82 1.20 0.00	23.99 1.19 0.00	25.03 1.28 0.00	25.45 1.39 0.00	25.25 1.65 0.00	26.00 1.63 0.00	26.19 1.71 0.00	26.16 1.73 0.00	27.04 1.79 0.00	29.51 1.92 -0.10	34.74 2.36 0.00	40.41 2.57 0.00	43.19 2.86 0.00	41.82 2.63 0.00	37.91 2.58 0.00	33.23 2.32 0.00	29.63 1.99 0.00	27.39 1.82 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	28.58 1.62 0.00	26.15 1.41 0.00	24.09 1.17 0.00	22.90 1.13 0.00	22.57 1.12 0.00	23.31 1.11 0.00	24.79 1.18 0.00	23.99 1.19 0.00	25.01 1.26 0.00	25.42 1.37 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.19 1.71 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.51 1.92 -0.10	34.74 2.36 0.00	40.41 2.57 0.00	43.19 2.86 0.00	41.82 2.63 0.00	37.91 2.58 0.00	33.20 2.29 0.00	29.63 1.99 0.00	27.39 1.82 0.00



RAVENSWOOD_GT_9 24257	28.58 1.62 0.00	26.15 1.41 0.00	24.09 1.17 0.00	22.90 1.13 0.00	22.57 1.12 0.00	23.31 1.11 0.00	24.79 1.18 0.00	23.99 1.19 0.00	25.01 1.26 0.00	25.42 1.37 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.19 1.71 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.51 1.92 -0.10	34.74 2.36 0.00	40.41 2.57 0.00	43.19 2.86 0.00	41.82 2.63 0.00	37.91 2.58 0.00	33.20 2.29 0.00	29.63 1.99 0.00	27.39 1.82 0.00
RAVENSWOOD___1 23533	28.63 1.67 0.00	26.19 1.46 0.00	24.09 1.17 0.00	22.94 1.17 0.00	22.59 1.14 0.00	23.26 1.07 0.00	24.72 1.11 0.00	23.90 1.09 0.00	25.05 1.31 0.00	25.37 1.32 0.00	25.20 1.61 0.00	25.98 1.61 0.00	26.14 1.67 0.00	26.11 1.68 0.00	26.98 1.74 0.00	29.46 1.87 -0.10	34.68 2.30 0.00	40.34 2.50 0.00	43.11 2.78 0.00	42.06 2.86 0.00	37.88 2.55 0.00	33.11 2.20 0.00	29.63 1.99 0.00	27.39 1.82 0.00
RAVENSWOOD___2 23534	28.63 1.67 0.00	26.19 1.46 0.00	24.09 1.17 0.00	22.92 1.15 0.00	22.59 1.14 0.00	23.26 1.07 0.00	24.72 1.11 0.00	23.88 1.07 0.00	25.03 1.28 0.00	25.37 1.32 0.00	25.20 1.61 0.00	25.95 1.58 0.00	26.14 1.67 0.00	26.11 1.68 0.00	26.98 1.74 0.00	29.46 1.87 -0.10	34.68 2.30 0.00	40.34 2.50 0.00	43.11 2.78 0.00	42.06 2.86 0.00	37.88 2.55 0.00	33.11 2.20 0.00	29.60 1.96 0.00	27.39 1.82 0.00
RAVENSWOOD___3 23535	28.58 1.62 0.00	26.15 1.41 0.00	24.09 1.17 0.00	22.90 1.13 0.00	22.57 1.11 0.00	23.31 1.11 0.00	24.79 1.18 0.00	23.97 1.16 0.00	25.10 1.35 0.00	25.42 1.37 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.51 1.92 -0.10	34.71 2.33 0.00	40.38 2.54 0.00	43.19 2.86 0.00	42.10 2.90 0.00	37.91 2.58 0.00	33.14 2.23 0.00	29.60 1.96 0.00	27.39 1.82 0.00
RAVENSWOOD___4 23820	28.61 1.64 0.00	26.19 1.46 0.00	24.09 1.17 0.00	22.92 1.15 0.00	22.59 1.14 0.00	23.26 1.07 0.00	24.72 1.11 0.00	23.88 1.07 0.00	25.03 1.28 0.00	25.37 1.32 0.00	25.20 1.61 0.00	25.95 1.58 0.00	26.12 1.64 0.00	26.11 1.68 0.00	26.98 1.74 0.00	29.43 1.84 -0.10	34.68 2.30 0.00	40.34 2.50 0.00	43.11 2.78 0.00	42.06 2.86 0.00	37.84 2.51 0.00	33.11 2.20 0.00	29.60 1.96 0.00	27.39 1.82 0.00
RCPL_TRUST___DRP 24196	28.61 1.64 0.00	26.15 1.41 0.00	24.11 1.19 0.00	22.92 1.15 0.00	22.57 1.12 0.00	23.33 1.13 0.00	24.84 1.23 0.00	24.02 1.21 0.00	25.05 1.31 0.00	25.47 1.42 0.00	25.27 1.68 0.00	26.03 1.66 0.00	26.24 1.76 0.00	26.19 1.76 0.00	27.06 1.82 0.00	29.56 1.98 -0.10	34.77 2.40 0.00	40.45 2.61 0.00	43.23 2.90 0.00	41.86 2.67 0.00	37.98 2.65 0.00	33.26 2.35 0.00	29.66 2.02 0.00	27.42 1.84 0.00
RED___ROCHESTER 323720	27.15 0.19 0.00	24.86 0.12 0.00	22.94 0.02 0.00	21.66 -0.11 0.00	21.34 -0.11 0.00	22.17 -0.02 0.00	23.57 -0.05 0.00	23.13 0.32 0.00	23.89 0.14 0.00	24.39 0.34 0.00	23.95 0.35 0.00	25.00 0.63 0.00	25.01 0.54 0.00	25.06 0.63 0.00	25.82 0.58 0.00	28.12 0.63 0.00	32.64 0.26 0.00	37.99 0.15 0.00	40.85 0.52 0.00	39.20 0.00 0.00	35.19 -0.14 0.00	31.13 0.22 0.00	27.95 0.30 0.00	25.81 0.23 0.00
REGAN___SOLAR 323812	29.25 2.29 0.00	26.81 2.08 0.00	24.75 1.83 0.00	23.49 1.72 0.00	23.13 1.67 0.00	23.97 1.78 0.00	25.43 1.82 0.00	24.36 1.55 0.00	25.29 1.54 0.00	25.37 1.32 0.00	24.87 1.27 0.00	25.66 1.29 0.00	25.68 1.20 0.00	25.53 1.10 0.00	26.51 1.26 0.00	29.01 1.59 0.07	34.84 2.46 0.00	41.06 3.21 0.00	44.40 4.07 0.00	43.31 4.11 0.00	38.90 3.57 0.00	33.85 2.94 0.00	30.24 2.60 0.00	27.88 2.30 0.00
RENSSELAER___COGEN 23796	27.37 0.41 0.00	25.13 0.39 0.00	23.24 0.32 0.00	22.12 0.35 0.00	21.82 0.36 0.00	22.64 0.44 0.00	24.04 0.43 0.00	23.06 0.25 0.00	24.06 0.31 0.00	24.22 0.17 0.00	23.88 0.28 0.00	24.54 0.17 0.00	24.65 0.17 0.00	24.58 0.15 0.00	25.40 0.15 0.00	27.59 0.19 0.09	32.73 0.36 0.00	38.41 0.57 0.00	41.25 0.93 0.00	40.18 0.98 0.00	36.15 0.81 0.00	31.53 0.62 0.00	28.19 0.55 0.00	26.17 0.59 0.00
REPUBLIC_115KV_BARTNBRK 55605	29.90 2.94 0.00	27.41 2.67 0.00	25.23 2.31 0.00	23.95 2.18 0.00	23.58 2.12 0.00	24.46 2.26 0.00	25.95 2.34 0.00	24.79 1.98 0.00	25.98 2.23 0.00	26.26 2.21 0.00	25.79 2.19 0.00	26.56 2.19 0.00	26.43 1.96 0.00	26.19 1.76 0.00	27.11 1.87 0.00	29.64 2.25 0.10	35.32 2.95 0.00	41.81 3.97 0.00	45.57 5.24 0.00	44.25 5.06 0.00	39.89 4.56 0.00	34.59 3.68 0.00	30.88 3.23 0.00	28.49 2.92 0.00
REVERE_CPPR_DRP 24186	27.99 1.02 0.00	25.65 0.92 0.00	23.74 0.83 0.00	22.53 0.76 0.00	22.20 0.75 0.00	22.97 0.78 0.00	24.44 0.83 0.00	23.72 0.91 0.00	24.56 0.81 0.00	24.96 0.91 0.00	24.35 0.76 0.00	25.15 0.78 0.00	25.26 0.78 0.00	25.19 0.76 0.00	26.05 0.81 0.00	28.42 0.93 0.00	33.38 1.00 0.00	39.13 1.29 0.00	42.10 1.77 0.00	40.88 1.69 0.00	36.82 1.48 0.00	32.28 1.36 0.00	28.72 1.08 0.00	26.60 0.90 -0.13
REYNOLDS_115KV_TB3 80639	27.61 0.65 0.00	25.38 0.64 0.00	23.47 0.55 0.00	22.31 0.54 0.00	22.01 0.56 0.00	22.84 0.64 0.00	24.23 0.61 0.00	23.26 0.46 0.00	24.22 0.47 0.00	24.41 0.36 0.00	24.07 0.47 0.00	24.76 0.39 0.00	24.87 0.39 0.00	24.82 0.39 0.00	25.62 0.38 0.00	27.82 0.44 0.10	33.06 0.68 0.00	38.75 0.91 0.00	41.62 1.29 0.00	40.33 1.14 0.00	36.50 1.17 0.00	31.87 0.96 0.00	28.44 0.80 0.00	26.45 0.87 0.00
RIVERBAY____ 323610	28.93 1.97 0.00	26.49 1.76 0.00	24.29 1.38 0.00	23.19 1.42 0.00	22.82 1.37 0.00	23.40 1.20 0.00	24.82 1.20 0.00	23.99 1.19 0.00	25.03 1.28 0.00	25.45 1.39 0.00	25.30 1.70 0.00	26.03 1.66 0.00	26.21 1.74 0.00	26.19 1.76 0.00	27.06 1.82 0.00	29.51 1.92 -0.10	34.77 2.40 0.00	40.45 2.61 0.00	43.23 2.90 0.00	41.90 2.70 0.00	38.02 2.69 0.00	33.26 2.35 0.00	29.80 2.16 0.00	27.62 2.05 0.00
RIVERSDE_115KV_TB3 55908	27.50 0.54 0.00	25.26 0.52 0.00	23.35 0.44 0.00	22.23 0.46 0.00	21.92 0.47 0.00	22.73 0.53 0.00	24.13 0.52 0.00	23.17 0.36 0.00	24.13 0.38 0.00	24.34 0.29 0.00	24.00 0.40 0.00	24.66 0.29 0.00	24.75 0.27 0.00	24.70 0.27 0.00	25.52 0.28 0.00	27.72 0.33 0.10	32.90 0.52 0.00	38.60 0.76 0.00	41.45 1.13 0.00	40.22 1.02 0.00	36.36 1.02 0.00	31.75 0.83 0.00	28.33 0.69 0.00	26.32 0.74 0.00
ROARING___BROOK_WT_PWR 323790	26.31 -0.65 0.00	24.17 -0.57 0.00	22.41 -0.50 0.00	21.33 -0.44 0.00	21.02 -0.43 0.00	21.73 -0.47 0.00	23.19 -0.42 0.00	22.40 -0.41 0.00	23.42 -0.33 0.00	23.81 -0.24 0.00	23.36 -0.24 0.00	24.10 -0.27 0.00	24.21 -0.27 0.00	24.14 -0.29 0.00	24.94 -0.30 0.00	27.13 -0.36 0.00	32.02 -0.36 0.00	37.39 -0.45 0.00	39.60 -0.72 0.00	38.30 -0.90 0.00	34.38 -0.95 0.00	29.80 -1.11 0.00	26.48 -1.16 0.00	24.43 -1.15 0.00



ROCHESRG_115KV_T4 355643	26.91 -0.05 0.00	24.64 -0.10 0.00	22.76 -0.16 0.00	21.47 -0.30 0.00	21.17 -0.28 0.00	22.00 -0.20 0.00	23.35 -0.26 0.00	22.90 0.09 0.00	23.72 -0.02 0.00	24.15 0.10 0.00	23.69 0.09 0.00	24.73 0.37 0.00	24.72 0.24 0.00	24.75 0.32 0.00	25.52 0.28 0.00	27.76 0.27 0.00	32.22 -0.16 0.00	37.50 -0.34 0.00	40.28 -0.04 0.00	38.41 -0.78 0.00	34.73 -0.60 0.00	30.51 -0.40 0.00	27.61 -0.03 0.00	25.45 -0.13 0.00
ROCHESTER_9_IC 23652	27.04 0.08 0.00	24.76 0.02 0.00	22.85 -0.07 0.00	21.57 -0.20 0.00	21.28 -0.17 0.00	22.09 -0.11 0.00	23.47 -0.14 0.00	23.01 0.21 0.00	23.84 0.09 0.00	24.29 0.24 0.00	23.83 0.24 0.00	24.88 0.51 0.00	24.87 0.39 0.00	24.92 0.49 0.00	25.67 0.43 0.00	27.95 0.47 0.00	32.44 0.06 0.00	37.76 -0.08 0.00	40.57 0.24 0.00	38.73 -0.47 0.00	34.98 -0.35 0.00	30.73 -0.19 0.00	27.78 0.14 0.00	25.60 0.03 0.00
ROCKVIEW_13_KV_LD 356306	28.50 1.54 0.00	26.07 1.34 0.00	24.06 1.15 0.00	22.86 1.09 0.00	22.52 1.07 0.00	23.28 1.09 0.00	24.77 1.16 0.00	23.95 1.14 0.00	24.96 1.21 0.00	25.35 1.30 0.00	25.15 1.56 0.00	25.90 1.54 0.00	26.09 1.62 0.00	26.04 1.61 0.00	26.93 1.69 0.00	29.40 1.81 -0.10	34.64 2.27 0.00	40.34 2.50 0.00	43.15 2.82 0.00	41.78 2.59 0.00	37.84 2.51 0.00	33.14 2.23 0.00	29.55 1.91 0.00	27.34 1.76 0.00
ROME____115KV_TB2 80656	27.99 1.02 0.00	25.65 0.92 0.00	23.74 0.83 0.00	22.53 0.76 0.00	22.20 0.75 0.00	22.97 0.78 0.00	24.44 0.83 0.00	23.72 0.91 0.00	24.56 0.81 0.00	24.96 0.91 0.00	24.35 0.76 0.00	25.15 0.78 0.00	25.26 0.78 0.00	25.19 0.76 0.00	26.05 0.81 0.00	28.42 0.93 0.00	33.38 1.00 0.00	39.13 1.29 0.00	42.10 1.77 0.00	40.88 1.69 0.00	36.82 1.48 0.00	32.28 1.36 0.00	28.72 1.08 0.00	26.60 0.90 -0.13
ROSETON___1 23587	28.07 1.11 0.00	25.73 0.99 0.00	23.77 0.85 0.00	22.58 0.81 0.00	22.25 0.79 0.00	23.02 0.82 0.00	24.49 0.87 0.00	23.63 0.82 0.00	24.70 0.95 0.00	24.94 0.89 0.00	24.68 1.09 0.00	25.42 1.05 0.00	25.58 1.10 0.00	25.53 1.10 0.00	26.41 1.16 0.00	28.84 1.27 -0.09	33.96 1.59 0.00	39.62 1.78 0.00	42.38 2.06 0.00	41.31 2.12 0.00	37.17 1.84 0.00	32.49 1.58 0.00	29.02 1.38 0.00	26.88 1.30 0.00
ROSETON___2 23588	28.07 1.11 0.00	25.73 0.99 0.00	23.77 0.85 0.00	22.58 0.81 0.00	22.25 0.79 0.00	23.02 0.82 0.00	24.49 0.87 0.00	23.63 0.82 0.00	24.70 0.95 0.00	24.94 0.89 0.00	24.68 1.09 0.00	25.42 1.05 0.00	25.58 1.10 0.00	25.53 1.10 0.00	26.41 1.16 0.00	28.84 1.27 -0.09	33.96 1.59 0.00	39.62 1.78 0.00	42.38 2.06 0.00	41.31 2.12 0.00	37.17 1.84 0.00	32.49 1.58 0.00	29.02 1.38 0.00	26.88 1.30 0.00
ROTRRDAM_115KV_TB3 80664	27.85 0.89 0.00	25.58 0.84 0.00	23.65 0.73 0.00	22.49 0.72 0.00	22.16 0.71 0.00	22.95 0.75 0.00	24.37 0.76 0.00	23.42 0.62 0.00	24.39 0.64 0.00	24.60 0.55 0.00	24.21 0.61 0.00	24.95 0.58 0.00	25.06 0.59 0.00	24.99 0.56 0.00	25.85 0.61 0.00	28.13 0.71 0.08	33.38 1.00 0.00	39.13 1.29 0.00	41.98 1.65 0.00	40.69 1.49 0.00	36.78 1.45 0.00	32.12 1.21 0.00	28.69 1.05 0.00	26.60 1.02 0.00
RUSSELL___1 23602	27.15 0.19 0.00	24.86 0.12 0.00	22.94 0.02 0.00	21.64 -0.13 0.00	21.34 -0.11 0.00	22.17 -0.02 0.00	23.57 -0.05 0.00	23.10 0.30 0.00	23.94 0.19 0.00	24.39 0.34 0.00	23.95 0.35 0.00	25.00 0.63 0.00	25.01 0.54 0.00	25.06 0.64 0.00	25.82 0.58 0.00	28.12 0.63 0.00	32.64 0.26 0.00	37.99 0.15 0.00	40.85 0.52 0.00	38.96 -0.24 0.00	35.19 -0.14 0.00	30.91 0.00 0.00	27.95 0.30 0.00	25.73 0.15 0.00
RUSSELL___2 23532	27.15 0.19 0.00	24.86 0.12 0.00	22.94 0.02 0.00	21.64 -0.13 0.00	21.34 -0.11 0.00	22.17 -0.02 0.00	23.57 -0.05 0.00	23.10 0.30 0.00	23.94 0.19 0.00	24.39 0.34 0.00	23.95 0.35 0.00	25.00 0.63 0.00	25.01 0.54 0.00	25.06 0.64 0.00	25.82 0.58 0.00	28.12 0.63 0.00	32.64 0.26 0.00	37.99 0.15 0.00	40.85 0.52 0.00	38.96 -0.24 0.00	35.19 -0.14 0.00	30.91 0.00 0.00	27.95 0.30 0.00	25.73 0.15 0.00
RUSSELL___3 23549	27.15 0.19 0.00	24.86 0.12 0.00	22.94 0.02 0.00	21.64 -0.13 0.00	21.34 -0.11 0.00	22.17 -0.02 0.00	23.57 -0.05 0.00	23.10 0.30 0.00	23.94 0.19 0.00	24.39 0.34 0.00	23.95 0.35 0.00	25.00 0.63 0.00	25.01 0.54 0.00	25.06 0.64 0.00	25.82 0.58 0.00	28.12 0.63 0.00	32.64 0.26 0.00	37.99 0.15 0.00	40.85 0.52 0.00	38.96 -0.24 0.00	35.19 -0.14 0.00	30.91 0.00 0.00	27.95 0.30 0.00	25.73 0.15 0.00
RUSSELL___4 23556	27.15 0.19 0.00	24.86 0.12 0.00	22.94 0.02 0.00	21.64 -0.13 0.00	21.34 -0.11 0.00	22.17 -0.02 0.00	23.57 -0.05 0.00	23.10 0.30 0.00	23.94 0.19 0.00	24.39 0.34 0.00	23.95 0.35 0.00	25.00 0.63 0.00	25.01 0.54 0.00	25.06 0.64 0.00	25.82 0.58 0.00	28.12 0.63 0.00	32.64 0.26 0.00	37.99 0.15 0.00	40.85 0.52 0.00	38.96 -0.24 0.00	35.19 -0.14 0.00	30.91 0.00 0.00	27.95 0.30 0.00	25.73 0.15 0.00
RUSSELL___STATION 23914	27.15 0.19 0.00	24.86 0.12 0.00	22.94 0.02 0.00	21.64 -0.13 0.00	21.34 -0.11 0.00	22.17 -0.02 0.00	23.57 -0.05 0.00	23.10 0.30 0.00	23.94 0.19 0.00	24.39 0.34 0.00	23.95 0.35 0.00	25.00 0.63 0.00	25.01 0.54 0.00	25.06 0.64 0.00	25.82 0.58 0.00	28.12 0.63 0.00	32.64 0.26 0.00	37.99 0.15 0.00	40.85 0.52 0.00	38.96 -0.24 0.00	35.19 -0.14 0.00	30.91 0.00 0.00	27.95 0.30 0.00	25.73 0.15 0.00
S SALMON___HYD 24043	26.91 -0.05 0.00	24.64 -0.10 0.00	22.83 -0.09 0.00	21.68 -0.09 0.00	21.37 -0.09 0.00	22.11 -0.09 0.00	23.54 -0.07 0.00	22.85 0.05 0.00	23.63 -0.12 0.00	24.00 -0.05 0.00	23.36 -0.24 0.00	24.17 -0.20 0.00	24.26 -0.22 0.00	24.21 -0.22 0.00	25.02 -0.23 0.00	27.21 -0.27 0.00	31.99 -0.39 0.00	37.43 -0.42 0.00	40.12 -0.20 0.00	38.96 -0.23 0.00	35.05 -0.28 0.00	30.82 -0.09 0.00	27.53 -0.11 0.00	25.93 -0.21 -0.55
S.PERRY__115KV_TB1 80734	28.12 1.16 0.00	25.70 0.96 0.00	23.70 0.78 0.00	22.31 0.54 0.00	22.01 0.56 0.00	22.88 0.69 0.00	24.37 0.76 0.00	23.95 1.14 0.00	24.60 0.85 0.00	25.01 0.96 0.00	24.47 0.87 0.00	25.54 1.17 0.00	25.53 1.05 0.00	25.60 1.17 0.00	26.43 1.19 0.00	28.83 1.35 0.00	33.54 1.17 0.00	39.24 1.40 0.00	42.42 2.10 0.00	40.41 1.22 0.00	36.46 1.13 0.00	32.00 1.08 0.00	28.91 1.27 0.00	26.58 1.00 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	27.31 0.35 0.00	24.96 0.22 0.00	23.03 0.11 0.00	21.62 -0.15 0.00	21.37 -0.09 0.00	22.20 0.00 0.00	23.54 -0.07 0.00	23.20 0.39 0.00	23.96 0.21 0.00	24.48 0.43 0.00	24.09 0.50 0.00	25.29 0.93 0.00	25.21 0.73 0.00	25.31 0.88 0.00	26.05 0.81 0.00	28.26 0.77 0.00	32.51 0.13 0.00	37.50 -0.34 0.00	40.33 0.00 0.00	37.86 -1.33 0.00	34.56 -0.78 0.00	30.42 -0.49 0.00	27.81 0.17 0.00	25.65 0.08 0.00



SAWYER___23_KV_LOAD 55526	27.31 0.35 0.00	24.96 0.22 0.00	23.03 0.11 0.00	21.62 -0.15 0.00	21.37 -0.09 0.00	22.20 0.00 0.00	23.54 -0.07 0.00	23.20 0.39 0.00	23.96 0.21 0.00	24.48 0.43 0.00	24.09 0.50 0.00	25.29 0.93 0.00	25.21 0.73 0.00	25.31 0.88 0.00	26.05 0.81 0.00	28.26 0.77 0.00	32.51 0.13 0.00	37.50 -0.34 0.00	40.33 0.00 0.00	37.86 -1.33 0.00	34.56 -0.78 0.00	30.42 -0.49 0.00	27.81 0.17 0.00	25.65 0.08 0.00
SELKIRK___I 23801	27.61 0.65 0.00	25.38 0.64 0.00	23.47 0.55 0.00	22.31 0.54 0.00	22.01 0.56 0.00	22.82 0.62 0.00	24.20 0.59 0.00	23.22 0.41 0.00	24.20 0.45 0.00	24.34 0.29 0.00	23.90 0.31 0.00	24.56 0.19 0.00	24.67 0.19 0.00	24.58 0.15 0.00	25.42 0.18 0.00	27.70 0.27 0.06	32.86 0.49 0.00	38.60 0.76 0.00	41.50 1.17 0.00	40.45 1.25 0.00	36.39 1.06 0.00	31.75 0.84 0.00	28.41 0.77 0.00	26.37 0.79 0.00
SELKIRK___II 23799	27.45 0.49 0.00	25.23 0.49 0.00	23.33 0.41 0.00	22.21 0.44 0.00	21.90 0.45 0.00	22.68 0.49 0.00	24.11 0.50 0.00	23.13 0.32 0.00	24.13 0.38 0.00	24.29 0.24 0.00	23.93 0.33 0.00	24.59 0.22 0.00	24.70 0.22 0.00	24.62 0.19 0.00	25.44 0.20 0.00	27.69 0.27 0.08	32.83 0.45 0.00	38.48 0.64 0.00	41.33 1.01 0.00	40.29 1.10 0.00	36.25 0.92 0.00	31.63 0.71 0.00	28.28 0.64 0.00	26.24 0.66 0.00
SENECA OSWGO___HYD 24041	26.66 -0.30 0.00	24.44 -0.30 0.00	22.67 -0.25 0.00	21.51 -0.26 0.00	21.20 -0.26 0.00	21.93 -0.27 0.00	23.33 -0.28 0.00	22.62 -0.18 0.00	23.44 -0.31 0.00	23.81 -0.24 0.00	23.24 -0.35 0.00	24.08 -0.29 0.00	24.18 -0.29 0.00	24.14 -0.29 0.00	24.94 -0.30 0.00	27.16 -0.33 0.00	31.86 -0.52 0.00	37.27 -0.57 0.00	39.88 -0.44 0.00	38.69 -0.51 0.00	34.80 -0.53 0.00	30.51 -0.40 0.00	27.31 -0.33 0.00	25.97 -0.38 -0.78
SENECA___115KV_TB3 355854	27.77 0.81 0.00	25.35 0.62 0.00	23.38 0.46 0.00	21.94 0.17 0.00	21.69 0.24 0.00	22.53 0.33 0.00	23.92 0.31 0.00	23.56 0.75 0.00	24.32 0.57 0.00	24.87 0.82 0.00	24.49 0.90 0.00	25.71 1.34 0.00	25.65 1.17 0.00	25.77 1.34 0.00	26.51 1.26 0.00	28.81 1.32 0.00	33.12 0.74 0.00	38.22 0.38 0.00	41.09 0.77 0.00	38.53 -0.67 0.00	35.16 -0.18 0.00	30.91 0.00 0.00	28.25 0.61 0.00	26.06 0.49 0.00
SENECA___ENERGY 23797	27.04 0.08 0.00	24.76 0.02 0.00	22.89 -0.02 0.00	21.68 -0.09 0.00	21.37 -0.09 0.00	22.15 -0.04 0.00	23.59 -0.02 0.00	22.99 0.18 0.00	23.75 0.00 0.00	24.20 0.15 0.00	23.67 0.07 0.00	24.61 0.24 0.00	24.67 0.19 0.00	24.65 0.22 0.00	25.47 0.23 0.00	27.73 0.25 0.00	32.44 0.06 0.00	37.84 0.00 0.00	40.53 0.20 0.00	39.16 -0.04 0.00	35.26 -0.07 0.00	30.98 0.06 0.00	27.75 0.11 0.00	25.93 0.03 -0.33
SHOEMAKER___GT 23640	27.93 0.97 0.00	25.58 0.84 0.00	23.65 0.73 0.00	22.45 0.68 0.00	22.12 0.67 0.00	22.89 0.69 0.00	24.35 0.73 0.00	23.49 0.68 0.00	24.53 0.78 0.00	24.77 0.72 0.00	24.49 0.90 0.00	25.22 0.85 0.00	25.41 0.93 0.00	25.36 0.93 0.00	26.23 0.98 0.00	28.64 1.07 -0.08	33.71 1.33 0.00	39.36 1.52 0.00	42.14 1.82 0.00	41.04 1.84 0.00	36.93 1.59 0.00	32.31 1.39 0.00	28.86 1.21 0.00	26.73 1.15 0.00
SHOEMAKR_138KV_BK 111 55601	27.90 0.94 0.00	25.58 0.84 0.00	23.63 0.71 0.00	22.44 0.67 0.00	22.12 0.67 0.00	22.88 0.69 0.00	24.35 0.73 0.00	23.49 0.68 0.00	24.48 0.74 0.00	24.77 0.72 0.00	24.52 0.92 0.00	25.25 0.88 0.00	25.43 0.95 0.00	25.36 0.93 0.00	26.23 0.98 0.00	28.67 1.10 -0.08	33.74 1.36 0.00	39.35 1.51 0.00	42.14 1.81 0.00	40.80 1.61 0.00	36.92 1.59 0.00	32.34 1.42 0.00	28.86 1.22 0.00	26.73 1.15 0.00
SHOREHAM_IC_1 23715	28.18 0.92 -0.30	25.88 0.69 -0.45	23.80 0.57 -0.31	22.63 0.70 -0.16	22.12 0.67 0.00	24.73 0.62 -1.92	23.92 0.31 0.00	23.29 0.48 0.00	24.46 0.71 0.00	25.08 0.65 -0.38	28.14 0.92 -3.62	28.86 0.88 -3.62	28.84 0.93 -3.43	30.38 0.98 -4.97	29.76 1.01 -3.50	31.67 1.13 -3.05	35.78 2.20 -1.20	40.53 2.69 0.00	42.87 2.54 0.00	41.86 2.67 0.00	37.35 2.01 0.00	34.83 1.67 -2.24	29.87 1.25 -0.99	28.81 1.15 -2.08
SHOREHAM_IC_2 23716	28.18 0.92 -0.30	25.88 0.69 -0.45	23.80 0.57 -0.31	22.63 0.70 -0.16	22.12 0.67 0.00	24.73 0.62 -1.92	23.92 0.31 0.00	23.29 0.48 0.00	24.46 0.71 0.00	25.08 0.65 -0.38	28.14 0.92 -3.62	28.86 0.88 -3.62	28.84 0.93 -3.43	30.38 0.98 -4.97	29.76 1.01 -3.50	31.67 1.13 -3.05	35.78 2.20 -1.20	40.53 2.69 0.00	42.87 2.54 0.00	41.86 2.67 0.00	37.35 2.01 0.00	34.83 1.67 -2.24	29.87 1.25 -0.99	28.81 1.15 -2.08
SISSONVILLE____ 23735	26.83 -0.13 0.00	24.69 -0.05 0.00	22.87 -0.05 0.00	21.77 0.00 0.00	21.41 -0.04 0.00	22.06 -0.13 0.00	23.59 -0.02 0.00	22.76 -0.05 0.00	23.70 -0.05 0.00	24.10 0.05 0.00	23.60 0.00 0.00	24.32 -0.05 0.00	24.26 -0.22 0.00	24.01 -0.42 0.00	24.81 -0.43 0.00	26.88 -0.60 0.00	31.67 -0.71 0.00	37.05 -0.79 0.00	39.20 -1.13 0.00	38.45 -0.74 0.00	34.63 -0.71 0.00	30.20 -0.71 0.00	26.90 -0.75 0.00	25.12 -0.54 -0.08
SITHE_IND_GS1 24169	26.29 -0.67 0.00	24.12 -0.62 0.00	22.37 -0.55 0.00	21.25 -0.52 0.00	20.94 -0.52 0.00	21.66 -0.53 0.00	23.05 -0.57 0.00	22.33 -0.48 0.00	23.13 -0.62 0.00	23.50 -0.55 0.00	22.91 -0.69 0.00	23.73 -0.63 0.00	23.82 -0.66 0.00	23.79 -0.64 0.00	24.56 -0.68 0.00	26.75 -0.74 0.00	31.41 -0.97 0.00	36.71 -1.13 0.00	39.24 -1.09 0.00	38.06 -1.14 0.00	34.27 -1.06 0.00	30.05 -0.87 0.00	26.87 -0.77 0.00	22.58 -0.77 2.23
SITHE_IND_GS2 24170	26.29 -0.67 0.00	24.12 -0.62 0.00	22.37 -0.55 0.00	21.25 -0.52 0.00	20.94 -0.52 0.00	21.66 -0.53 0.00	23.05 -0.57 0.00	22.33 -0.48 0.00	23.13 -0.62 0.00	23.50 -0.55 0.00	22.91 -0.69 0.00	23.73 -0.63 0.00	23.82 -0.66 0.00	23.79 -0.64 0.00	24.56 -0.68 0.00	26.75 -0.74 0.00	31.41 -0.97 0.00	36.71 -1.13 0.00	39.24 -1.09 0.00	38.06 -1.14 0.00	34.27 -1.06 0.00	30.05 -0.87 0.00	26.87 -0.77 0.00	22.58 -0.77 2.23
SITHE_IND_GS3 24171	26.29 -0.67 0.00	24.12 -0.62 0.00	22.37 -0.55 0.00	21.25 -0.52 0.00	20.94 -0.52 0.00	21.66 -0.53 0.00	23.05 -0.57 0.00	22.33 -0.48 0.00	23.13 -0.62 0.00	23.50 -0.55 0.00	22.91 -0.69 0.00	23.73 -0.63 0.00	23.82 -0.66 0.00	23.79 -0.64 0.00	24.56 -0.68 0.00	26.75 -0.74 0.00	31.41 -0.97 0.00	36.71 -1.13 0.00	39.24 -1.09 0.00	38.06 -1.14 0.00	34.27 -1.06 0.00	30.05 -0.87 0.00	26.87 -0.77 0.00	22.58 -0.77 2.23
SITHE_IND_GS4 24172	26.29 -0.67 0.00	24.12 -0.62 0.00	22.37 -0.55 0.00	21.25 -0.52 0.00	20.94 -0.52 0.00	21.66 -0.53 0.00	23.05 -0.57 0.00	22.33 -0.48 0.00	23.13 -0.62 0.00	23.50 -0.55 0.00	22.91 -0.69 0.00	23.73 -0.63 0.00	23.82 -0.66 0.00	23.79 -0.64 0.00	24.56 -0.68 0.00	26.75 -0.74 0.00	31.41 -0.97 0.00	36.71 -1.13 0.00	39.24 -1.09 0.00	38.06 -1.14 0.00	34.27 -1.06 0.00	30.05 -0.87 0.00	26.87 -0.77 0.00	22.58 -0.77 2.23



SITHE___BATAVIA 24024	27.61 0.65 0.00	25.23 0.49 0.00	23.26 0.34 0.00	21.88 0.11 0.00	21.58 0.13 0.00	22.44 0.24 0.00	23.83 0.21 0.00	23.52 0.71 0.00	24.20 0.45 0.00	24.77 0.72 0.00	24.35 0.75 0.00	25.51 1.15 0.00	25.43 0.95 0.00	25.55 1.12 0.00	26.30 1.06 0.00	28.64 1.15 0.00	33.06 0.68 0.00	38.33 0.49 0.00	41.37 1.05 0.00	39.35 0.16 0.00	35.40 0.07 0.00	31.44 0.53 0.00	28.33 0.69 0.00	26.22 0.64 0.00
SITHE___INDEPEND 23800	26.29 -0.67 0.00	24.12 -0.62 0.00	22.37 -0.55 0.00	21.23 -0.54 0.00	20.94 -0.51 0.00	21.66 -0.53 0.00	23.05 -0.57 0.00	22.33 -0.48 0.00	23.20 -0.55 0.00	23.50 -0.55 0.00	22.91 -0.68 0.00	23.73 -0.63 0.00	23.82 -0.66 0.00	23.79 -0.64 0.00	24.56 -0.68 0.00	26.74 -0.74 0.00	31.41 -0.97 0.00	36.71 -1.14 0.00	39.24 -1.09 0.00	37.98 -1.22 0.00	34.27 -1.06 0.00	30.02 -0.90 0.00	26.87 -0.77 0.00	22.58 -0.77 2.23
SITHE___MASSENA 23902	26.80 -0.16 0.00	24.64 -0.10 0.00	22.85 -0.07 0.00	21.75 -0.02 0.00	21.39 -0.06 0.00	22.04 -0.15 0.00	23.54 -0.07 0.00	22.69 -0.11 0.00	23.65 -0.09 0.00	24.00 -0.05 0.00	23.50 -0.09 0.00	24.27 -0.10 0.00	24.31 -0.17 0.00	24.21 -0.22 0.00	25.02 -0.23 0.00	27.19 -0.30 0.00	32.12 -0.26 0.00	37.54 -0.30 0.00	39.68 -0.65 0.00	38.57 -0.63 0.00	34.91 -0.42 0.00	30.39 -0.53 0.00	27.14 -0.50 0.00	25.17 -0.41 0.00
SITHE___OGDNSBRG 24021	27.10 0.13 0.00	24.91 0.17 0.00	23.10 0.18 0.00	21.99 0.22 0.00	21.60 0.15 0.00	22.26 0.07 0.00	23.80 0.19 0.00	22.97 0.16 0.00	23.84 0.09 0.00	24.22 0.17 0.00	23.69 0.09 0.00	24.42 0.05 0.00	24.43 -0.05 0.00	24.23 -0.20 0.00	25.07 -0.18 0.00	27.27 -0.22 0.00	32.22 -0.16 0.00	37.73 -0.11 0.00	40.00 -0.32 0.00	39.27 0.08 0.00	35.26 -0.07 0.00	30.73 -0.19 0.00	27.36 -0.28 0.00	25.46 -0.18 -0.06
SITHE___STERLING 23777	27.80 0.84 0.00	25.48 0.74 0.00	23.58 0.67 0.00	22.38 0.61 0.00	22.05 0.60 0.00	22.82 0.62 0.00	24.27 0.66 0.00	23.56 0.75 0.00	24.37 0.62 0.00	24.80 0.75 0.00	24.21 0.61 0.00	25.03 0.66 0.00	25.14 0.66 0.00	25.06 0.63 0.00	25.93 0.68 0.00	28.26 0.77 0.00	33.19 0.81 0.00	38.86 1.02 0.00	41.74 1.41 0.00	40.57 1.37 0.00	36.46 1.13 0.00	32.00 1.08 0.00	28.53 0.88 0.00	26.46 0.74 -0.14
SLEIGHT__34_KV_TB1 80719	26.85 -0.11 0.00	24.59 -0.15 0.00	22.71 -0.21 0.00	21.49 -0.28 0.00	21.17 -0.28 0.00	21.97 -0.22 0.00	23.38 -0.24 0.00	22.85 0.05 0.00	23.65 -0.09 0.00	24.10 0.05 0.00	23.57 -0.02 0.00	24.59 0.22 0.00	24.62 0.15 0.00	24.62 0.20 0.00	25.39 0.15 0.00	27.65 0.16 0.00	32.18 -0.19 0.00	37.61 -0.23 0.00	40.33 0.00 0.00	38.69 -0.51 0.00	34.87 -0.46 0.00	30.61 -0.31 0.00	27.59 -0.06 0.00	25.50 -0.18 -0.10
SOUTH CAIRO___GT 23612	28.25 1.29 0.00	25.90 1.16 0.00	23.97 1.05 0.00	22.75 0.98 0.00	22.48 1.03 0.00	23.31 1.11 0.00	24.72 1.11 0.00	23.52 0.71 0.00	24.48 0.74 0.00	24.44 0.38 0.00	23.97 0.38 0.00	24.56 0.19 0.00	24.72 0.24 0.00	24.58 0.15 0.00	25.50 0.25 0.00	28.11 0.66 0.04	33.19 0.81 0.00	39.35 1.51 0.00	42.62 2.30 0.00	41.47 2.27 0.00	37.38 2.05 0.00	32.55 1.64 0.00	29.05 1.41 0.00	26.96 1.38 0.00
SOUTH HAMPTN___IC 23720	28.21 0.94 -0.30	25.93 0.74 -0.45	23.85 0.62 -0.31	22.67 0.74 -0.16	22.14 0.69 0.00	24.78 0.67 -1.92	23.92 0.31 0.00	23.31 0.50 0.00	24.53 0.78 0.00	25.17 0.75 -0.38	28.25 1.04 -3.62	28.99 1.00 -3.62	28.96 1.05 -3.43	30.52 1.12 -4.97	29.86 1.11 -3.50	31.81 1.27 -3.05	35.94 2.36 -1.20	40.71 2.87 0.00	43.11 2.78 0.00	42.10 2.90 0.00	37.49 2.16 0.00	34.95 1.79 -2.24	29.95 1.33 -0.99	28.83 1.18 -2.08
SOUTHDOW_115KV_TB1 355954	28.96 2.00 0.00	26.37 1.63 0.00	24.32 1.40 0.00	22.82 1.04 0.00	22.55 1.09 0.00	23.44 1.24 0.00	24.96 1.35 0.00	24.63 1.82 0.00	25.39 1.64 0.00	26.02 1.97 0.00	25.70 2.10 0.00	27.00 2.63 0.00	26.95 2.47 0.00	27.14 2.71 0.00	27.92 2.68 0.00	30.37 2.89 0.00	34.97 2.59 0.00	40.26 2.42 0.00	43.39 3.06 0.00	40.45 1.25 0.00	36.82 1.48 0.00	32.18 1.27 0.00	29.24 1.60 0.00	26.75 1.18 0.00
SOUTHOLD_69_KV_BK 2 55809	27.94 0.67 -0.30	25.81 0.62 -0.45	23.66 0.44 -0.31	22.48 0.54 -0.16	21.95 0.49 0.00	24.58 0.47 -1.92	23.66 0.05 0.00	23.24 0.43 0.00	24.01 0.26 0.00	25.10 0.67 -0.38	28.14 0.92 -3.62	28.89 0.90 -3.62	28.86 0.95 -3.43	30.40 1.00 -4.97	29.71 0.96 -3.50	31.72 1.18 -3.05	35.78 2.20 -1.20	40.68 2.84 0.00	42.99 2.66 0.00	41.67 2.47 0.00	37.38 2.05 0.00	34.89 1.73 -2.24	29.73 1.11 -0.99	28.60 0.95 -2.08
SOUTHOLD___IC 23719	27.94 0.67 -0.30	25.71 0.52 -0.45	23.66 0.43 -0.31	22.48 0.54 -0.16	21.95 0.49 0.00	24.58 0.47 -1.92	23.66 0.05 0.00	23.10 0.30 0.00	24.34 0.59 0.00	25.05 0.62 -0.38	28.14 0.92 -3.62	28.89 0.90 -3.62	28.84 0.93 -3.43	30.40 1.00 -4.97	29.70 0.96 -3.50	31.72 1.18 -3.05	35.85 2.27 -1.20	40.68 2.84 0.00	43.03 2.70 0.00	42.02 2.82 0.00	37.38 2.05 0.00	34.79 1.64 -2.24	29.73 1.11 -0.99	28.60 0.95 -2.08
SOUTH_FORK_WT_PWR 323839	27.48 0.21 -0.30	25.32 0.12 -0.45	23.30 0.07 -0.31	22.13 0.20 -0.16	21.60 0.15 0.00	24.22 0.11 -1.92	23.26 -0.35 0.00	22.72 -0.09 0.00	23.94 0.19 0.00	24.67 0.24 -0.38	27.76 0.54 -3.62	28.50 0.51 -3.62	28.45 0.54 -3.43	30.01 0.61 -4.97	29.30 0.55 -3.50	31.26 0.71 -3.05	35.33 1.75 -1.20	40.07 2.23 0.00	42.34 2.02 0.00	41.39 2.19 0.00	36.78 1.45 0.00	34.30 1.14 -2.24	29.26 0.64 -0.99	28.14 0.48 -2.08
SPIERFLS_115KV_TB 1 80737	28.66 1.70 0.00	26.32 1.58 0.00	24.29 1.38 0.00	23.08 1.31 0.00	22.72 1.27 0.00	23.55 1.35 0.00	25.01 1.39 0.00	23.97 1.16 0.00	25.01 1.26 0.00	25.25 1.20 0.00	24.85 1.25 0.00	25.59 1.22 0.00	25.60 1.13 0.00	25.45 1.03 0.00	26.35 1.11 0.00	28.71 1.32 0.09	34.16 1.78 0.00	40.22 2.38 0.00	43.47 3.15 0.00	42.17 2.98 0.00	38.05 2.72 0.00	33.14 2.23 0.00	29.58 1.93 0.00	27.39 1.82 0.00
ST LAWRENCE____ 23600	26.53 -0.43 0.00	24.37 -0.37 0.00	22.60 -0.32 0.00	21.51 -0.26 0.00	21.15 -0.30 0.00	21.82 -0.38 0.00	23.28 -0.33 0.00	22.44 -0.37 0.00	23.42 -0.33 0.00	23.76 -0.29 0.00	23.27 -0.33 0.00	24.00 -0.36 0.00	24.08 -0.39 0.00	24.01 -0.42 0.00	24.81 -0.43 0.00	26.99 -0.49 0.00	31.86 -0.52 0.00	37.23 -0.61 0.00	39.36 -0.97 0.00	38.25 -0.94 0.00	34.59 -0.74 0.00	30.11 -0.80 0.00	26.92 -0.72 0.00	24.94 -0.64 0.00
STATE_CA_115KV_115_LB 55624	27.47 0.51 0.00	25.23 0.49 0.00	23.33 0.41 0.00	22.21 0.44 0.00	21.90 0.45 0.00	22.71 0.51 0.00	24.11 0.50 0.00	23.15 0.34 0.00	24.10 0.36 0.00	24.34 0.29 0.00	23.97 0.38 0.00	24.66 0.29 0.00	24.72 0.24 0.00	24.67 0.24 0.00	25.50 0.25 0.00	27.70 0.30 0.09	32.90 0.52 0.00	38.56 0.72 0.00	41.45 1.13 0.00	40.22 1.02 0.00	36.36 1.02 0.00	31.72 0.80 0.00	28.33 0.69 0.00	26.29 0.72 0.00



STATE_ST_34_KV_LOAD 55959	27.07 0.11 0.00	24.79 0.05 0.00	22.94 0.02 0.00	21.75 -0.02 0.00	21.45 0.00 0.00	22.22 0.02 0.00	23.66 0.05 0.00	23.01 0.21 0.00	23.82 0.07 0.00	24.22 0.17 0.00	23.64 0.05 0.00	24.56 0.19 0.00	24.65 0.17 0.00	24.62 0.20 0.00	25.45 0.20 0.00	27.68 0.19 0.00	32.41 0.03 0.00	37.95 0.11 0.00	40.65 0.32 0.00	39.20 0.00 0.00	35.33 0.00 0.00	30.98 0.06 0.00	27.78 0.14 0.00	25.97 0.00 -0.39
STATION 5_MISC_HYD 23604	27.04 0.08 0.00	24.76 0.02 0.00	22.85 -0.07 0.00	21.57 -0.20 0.00	21.28 -0.17 0.00	22.09 -0.11 0.00	23.47 -0.14 0.00	23.04 0.23 0.00	23.77 0.02 0.00	24.29 0.24 0.00	23.83 0.24 0.00	24.88 0.51 0.00	24.87 0.39 0.00	24.92 0.49 0.00	25.67 0.43 0.00	27.95 0.47 0.00	32.44 0.06 0.00	37.76 -0.08 0.00	40.57 0.24 0.00	38.92 -0.27 0.00	34.98 -0.35 0.00	30.95 0.03 0.00	27.78 0.14 0.00	25.71 0.13 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	27.26 0.30 0.00	24.96 0.22 0.00	23.05 0.14 0.00	21.77 0.00 0.00	21.47 0.02 0.00	22.29 0.09 0.00	23.71 0.09 0.00	23.20 0.39 0.00	24.03 0.28 0.00	24.48 0.43 0.00	23.97 0.38 0.00	25.00 0.63 0.00	25.01 0.54 0.00	25.04 0.61 0.00	25.82 0.58 0.00	28.12 0.63 0.00	32.77 0.39 0.00	38.18 0.34 0.00	41.05 0.73 0.00	39.27 0.08 0.00	35.40 0.07 0.00	31.10 0.19 0.00	28.03 0.39 0.00	25.91 0.23 -0.10
STA_56_34_KV_BUS2_REV_LBMP_B 345033	26.88 -0.08 0.00	24.61 -0.12 0.00	22.73 -0.18 0.00	21.47 -0.30 0.00	21.17 -0.28 0.00	21.97 -0.22 0.00	23.35 -0.26 0.00	22.88 0.07 0.00	23.70 -0.05 0.00	24.15 0.10 0.00	23.69 0.09 0.00	24.73 0.37 0.00	24.72 0.24 0.00	24.77 0.34 0.00	25.52 0.28 0.00	27.79 0.30 0.00	32.28 -0.10 0.00	37.58 -0.26 0.00	40.37 0.04 0.00	38.57 -0.63 0.00	34.80 -0.53 0.00	30.57 -0.34 0.00	27.64 0.00 0.00	25.45 -0.13 0.00
STA_56___34_KV_BUS2 355983	26.88 -0.08 0.00	24.61 -0.12 0.00	22.73 -0.18 0.00	21.47 -0.30 0.00	21.17 -0.28 0.00	21.97 -0.22 0.00	23.35 -0.26 0.00	22.88 0.07 0.00	23.70 -0.05 0.00	24.15 0.10 0.00	23.69 0.09 0.00	24.73 0.37 0.00	24.72 0.24 0.00	24.77 0.34 0.00	25.52 0.28 0.00	27.79 0.30 0.00	32.28 -0.10 0.00	37.58 -0.26 0.00	40.37 0.04 0.00	38.57 -0.63 0.00	34.80 -0.53 0.00	30.57 -0.34 0.00	27.64 0.00 0.00	25.45 -0.13 0.00
STA_67___115KV_BK2 355882	26.99 0.03 0.00	24.71 -0.02 0.00	22.83 -0.09 0.00	21.53 -0.24 0.00	21.24 -0.21 0.00	22.04 -0.16 0.00	23.42 -0.19 0.00	22.97 0.16 0.00	23.80 0.05 0.00	24.24 0.19 0.00	23.76 0.17 0.00	24.81 0.44 0.00	24.82 0.34 0.00	24.84 0.42 0.00	25.62 0.38 0.00	27.87 0.38 0.00	32.35 -0.03 0.00	37.65 -0.19 0.00	40.45 0.12 0.00	38.61 -0.59 0.00	34.87 -0.46 0.00	30.64 -0.28 0.00	27.72 0.08 0.00	25.55 -0.03 0.00
STA_7___115KV_9TRANS 80674	27.15 0.19 0.00	24.86 0.12 0.00	22.94 0.02 0.00	21.64 -0.13 0.00	21.34 -0.11 0.00	22.17 -0.02 0.00	23.57 -0.05 0.00	23.10 0.30 0.00	23.94 0.19 0.00	24.39 0.34 0.00	23.95 0.35 0.00	25.00 0.63 0.00	25.01 0.54 0.00	25.06 0.64 0.00	25.82 0.58 0.00	28.12 0.63 0.00	32.64 0.26 0.00	37.99 0.15 0.00	40.85 0.52 0.00	38.96 -0.24 0.00	35.19 -0.14 0.00	30.91 0.00 0.00	27.95 0.30 0.00	25.73 0.15 0.00
STA_82___115KV_TB1 80780	26.99 0.03 0.00	24.71 -0.02 0.00	22.83 -0.09 0.00	21.53 -0.24 0.00	21.24 -0.21 0.00	22.06 -0.13 0.00	23.45 -0.17 0.00	22.99 0.18 0.00	23.80 0.05 0.00	24.24 0.19 0.00	23.79 0.19 0.00	24.83 0.46 0.00	24.82 0.34 0.00	24.87 0.44 0.00	25.62 0.38 0.00	27.87 0.38 0.00	32.38 0.00 0.00	37.69 -0.15 0.00	40.49 0.16 0.00	38.61 -0.59 0.00	34.91 -0.42 0.00	30.67 -0.25 0.00	27.72 0.08 0.00	25.55 -0.03 0.00
STEEL___WIND 323596	27.74 0.78 0.00	25.33 0.59 0.00	23.35 0.43 0.00	21.97 0.20 0.00	21.67 0.21 0.00	22.51 0.31 0.00	23.90 0.28 0.00	23.56 0.75 0.00	24.27 0.52 0.00	24.84 0.79 0.00	24.47 0.87 0.00	25.68 1.31 0.00	25.60 1.13 0.00	25.72 1.29 0.00	26.48 1.24 0.00	28.78 1.29 0.00	33.12 0.75 0.00	38.18 0.34 0.00	41.05 0.73 0.00	38.88 -0.31 0.00	35.12 -0.21 0.00	31.29 0.37 0.00	28.22 0.58 0.00	26.17 0.59 0.00
STEPHTWN_115KV_BK_2 55603	27.66 0.70 0.00	25.40 0.67 0.00	23.47 0.55 0.00	22.31 0.54 0.00	22.01 0.56 0.00	22.84 0.64 0.00	24.25 0.64 0.00	23.29 0.48 0.00	24.27 0.52 0.00	24.48 0.43 0.00	24.12 0.52 0.00	24.78 0.41 0.00	24.84 0.37 0.00	24.77 0.34 0.00	25.60 0.35 0.00	27.84 0.44 0.09	33.03 0.65 0.00	38.79 0.95 0.00	41.74 1.41 0.00	40.53 1.33 0.00	36.61 1.27 0.00	31.94 1.02 0.00	28.50 0.86 0.00	26.45 0.87 0.00
STEUBEN_REC_LFGE 323667	29.14 2.18 0.00	26.52 1.78 0.00	24.50 1.58 0.00	23.08 1.31 0.00	22.80 1.35 0.00	23.68 1.49 0.00	25.27 1.65 0.00	24.84 2.03 0.00	25.48 1.73 0.00	26.17 2.12 0.00	25.63 2.03 0.00	26.85 2.49 0.00	26.87 2.40 0.00	26.94 2.52 0.00	27.79 2.55 0.00	30.24 2.75 0.00	35.00 2.62 0.00	40.68 2.84 0.00	43.59 3.27 0.00	41.08 1.88 0.00	37.17 1.84 0.00	32.65 1.73 0.00	29.47 1.82 0.00	27.21 1.51 -0.12
STILLWATER___SOLAR 323814	28.36 1.40 0.00	26.05 1.31 0.00	24.06 1.15 0.00	22.88 1.11 0.00	22.55 1.09 0.00	23.35 1.15 0.00	24.79 1.18 0.00	23.77 0.96 0.00	24.82 1.07 0.00	24.99 0.94 0.00	24.59 0.99 0.00	25.32 0.95 0.00	25.38 0.91 0.00	25.28 0.85 0.00	26.18 0.93 0.00	28.45 1.07 0.10	33.84 1.46 0.00	39.77 1.93 0.00	42.87 2.54 0.00	41.74 2.55 0.00	37.56 2.23 0.00	32.68 1.76 0.00	29.24 1.60 0.00	27.11 1.53 0.00
STONY___BROOK 24151	29.04 1.78 -0.30	26.75 1.56 -0.45	24.58 1.35 -0.31	23.26 1.33 -0.16	22.76 1.31 0.00	25.44 1.33 -1.92	24.72 1.11 0.00	24.06 1.25 0.00	25.29 1.54 0.00	25.94 1.52 -0.38	28.96 1.75 -3.62	29.72 1.73 -3.62	29.72 1.81 -3.43	31.23 1.83 -4.97	30.64 1.89 -3.50	32.63 2.09 -3.05	36.43 2.85 -1.20	41.21 3.37 0.00	43.87 3.55 0.00	42.80 3.60 0.00	38.30 2.97 0.00	35.72 2.56 -2.24	30.76 2.13 -0.99	29.65 2.00 -2.08
STURGEON_POOL_HYD 23609	28.15 1.19 0.00	25.75 1.01 0.00	23.83 0.92 0.00	22.64 0.87 0.00	22.31 0.86 0.00	23.04 0.84 0.00	24.49 0.87 0.00	23.58 0.78 0.00	24.58 0.83 0.00	24.89 0.84 0.00	24.66 1.06 0.00	25.39 1.02 0.00	25.65 1.17 0.00	25.58 1.15 0.00	26.46 1.21 0.00	29.01 1.48 -0.04	34.00 1.62 0.00	39.62 1.78 0.00	42.38 2.06 0.00	41.08 1.88 0.00	37.17 1.84 0.00	32.58 1.67 0.00	29.08 1.44 0.00	26.96 1.38 0.00
ST_LAW_115_BK7_LBMP 345037	26.50 -0.46 0.00	24.37 -0.37 0.00	22.60 -0.32 0.00	21.49 -0.28 0.00	21.15 -0.30 0.00	21.82 -0.38 0.00	23.28 -0.33 0.00	22.44 -0.37 0.00	23.42 -0.33 0.00	23.74 -0.31 0.00	23.27 -0.33 0.00	24.00 -0.36 0.00	24.06 -0.42 0.00	23.99 -0.44 0.00	24.79 -0.45 0.00	26.96 -0.52 0.00	31.83 -0.55 0.00	37.20 -0.64 0.00	39.28 -1.05 0.00	38.18 -1.02 0.00	34.56 -0.78 0.00	30.08 -0.83 0.00	26.90 -0.75 0.00	24.91 -0.67 0.00



ST_LAW_115_BK8_LBMP 345038	26.50 -0.46 0.00	24.37 -0.37 0.00	22.60 -0.32 0.00	21.49 -0.28 0.00	21.15 -0.30 0.00	21.82 -0.38 0.00	23.28 -0.33 0.00	22.44 -0.37 0.00	23.42 -0.33 0.00	23.74 -0.31 0.00	23.27 -0.33 0.00	24.00 -0.36 0.00	24.06 -0.42 0.00	23.99 -0.44 0.00	24.79 -0.45 0.00	26.96 -0.52 0.00	31.83 -0.55 0.00	37.20 -0.64 0.00	39.28 -1.05 0.00	38.18 -1.02 0.00	34.56 -0.78 0.00	30.08 -0.83 0.00	26.90 -0.75 0.00	24.91 -0.67 0.00
ST_LAW_230_BK5_LBMP 345035	26.53 -0.43 0.00	24.37 -0.37 0.00	22.60 -0.32 0.00	21.51 -0.26 0.00	21.15 -0.30 0.00	21.82 -0.38 0.00	23.28 -0.33 0.00	22.44 -0.37 0.00	23.42 -0.33 0.00	23.76 -0.29 0.00	23.27 -0.33 0.00	24.00 -0.36 0.00	24.08 -0.39 0.00	24.01 -0.42 0.00	24.81 -0.43 0.00	26.99 -0.49 0.00	31.86 -0.52 0.00	37.23 -0.61 0.00	39.36 -0.97 0.00	38.25 -0.94 0.00	34.59 -0.74 0.00	30.11 -0.80 0.00	26.92 -0.72 0.00	24.94 -0.64 0.00
ST_LAW_230_BK6_LBMP 345036	26.53 -0.43 0.00	24.37 -0.37 0.00	22.60 -0.32 0.00	21.51 -0.26 0.00	21.15 -0.30 0.00	21.82 -0.38 0.00	23.28 -0.33 0.00	22.44 -0.37 0.00	23.42 -0.33 0.00	23.76 -0.29 0.00	23.27 -0.33 0.00	24.00 -0.36 0.00	24.08 -0.39 0.00	24.01 -0.42 0.00	24.81 -0.43 0.00	26.99 -0.49 0.00	31.86 -0.52 0.00	37.23 -0.61 0.00	39.36 -0.97 0.00	38.25 -0.94 0.00	34.59 -0.74 0.00	30.11 -0.80 0.00	26.92 -0.72 0.00	24.94 -0.64 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	28.01 1.05 0.00	25.65 0.92 0.00	23.70 0.78 0.00	22.51 0.74 0.00	22.18 0.73 0.00	22.95 0.75 0.00	24.42 0.80 0.00	23.58 0.78 0.00	24.58 0.83 0.00	24.89 0.84 0.00	24.63 1.04 0.00	25.37 1.00 0.00	25.58 1.10 0.00	25.50 1.07 0.00	26.38 1.14 0.00	28.81 1.24 -0.08	33.93 1.55 0.00	39.58 1.74 0.00	42.34 2.02 0.00	41.00 1.80 0.00	37.10 1.77 0.00	32.52 1.61 0.00	29.00 1.35 0.00	26.86 1.28 0.00
SWANROAD_115KV_TB1 355699	26.66 -0.30 0.00	24.39 -0.35 0.00	22.48 -0.44 0.00	21.12 -0.65 0.00	20.87 -0.58 0.00	21.69 -0.51 0.00	22.98 -0.64 0.00	22.67 -0.14 0.00	23.42 -0.33 0.00	23.91 -0.14 0.00	23.50 -0.09 0.00	24.71 0.34 0.00	24.60 0.12 0.00	24.67 0.24 0.00	25.37 0.13 0.00	27.54 0.05 0.00	31.63 -0.74 0.00	36.52 -1.32 0.00	39.28 -1.05 0.00	36.88 -2.31 0.00	33.64 -1.70 0.00	29.65 -1.27 0.00	27.14 -0.50 0.00	25.07 -0.51 0.00
SYNERGY___BIOGAS 323694	27.61 0.65 0.00	25.23 0.49 0.00	23.26 0.34 0.00	21.88 0.11 0.00	21.58 0.13 0.00	22.44 0.24 0.00	23.83 0.21 0.00	23.52 0.71 0.00	24.20 0.45 0.00	24.77 0.72 0.00	24.35 0.75 0.00	25.51 1.15 0.00	25.43 0.95 0.00	25.55 1.12 0.00	26.30 1.06 0.00	28.64 1.15 0.00	33.06 0.68 0.00	38.33 0.49 0.00	41.37 1.05 0.00	39.35 0.16 0.00	35.40 0.07 0.00	31.44 0.53 0.00	28.33 0.69 0.00	26.22 0.64 0.00
SYRACUSE___ENERGY_ST1 323597	26.93 -0.03 0.00	24.69 -0.05 0.00	22.87 -0.05 0.00	21.68 -0.09 0.00	21.39 -0.06 0.00	22.13 -0.07 0.00	23.57 -0.05 0.00	22.85 0.05 0.00	23.70 -0.05 0.00	24.05 0.00 0.00	23.48 -0.12 0.00	24.34 -0.02 0.00	24.45 -0.02 0.00	24.43 0.00 0.00	25.22 -0.03 0.00	27.46 -0.03 0.00	32.18 -0.19 0.00	37.65 -0.19 0.00	40.28 -0.04 0.00	38.96 -0.24 0.00	35.16 -0.18 0.00	30.79 -0.12 0.00	27.59 -0.06 0.00	25.89 -0.13 -0.44
SYRACUSE___ENERGY_ST2 323598	26.93 -0.03 0.00	24.69 -0.05 0.00	22.87 -0.05 0.00	21.68 -0.09 0.00	21.39 -0.06 0.00	22.13 -0.07 0.00	23.57 -0.05 0.00	22.85 0.05 0.00	23.70 -0.05 0.00	24.05 0.00 0.00	23.48 -0.12 0.00	24.34 -0.02 0.00	24.45 -0.02 0.00	24.43 0.00 0.00	25.22 -0.03 0.00	27.46 -0.03 0.00	32.18 -0.19 0.00	37.65 -0.19 0.00	40.28 -0.04 0.00	38.96 -0.24 0.00	35.16 -0.18 0.00	30.79 -0.12 0.00	27.59 -0.06 0.00	25.89 -0.13 -0.44
SYRACUSE___POWER 24017	26.93 -0.03 0.00	24.66 -0.07 0.00	22.85 -0.07 0.00	21.68 -0.09 0.00	21.37 -0.09 0.00	22.13 -0.07 0.00	23.54 -0.07 0.00	22.83 0.02 0.00	23.70 -0.05 0.00	24.05 0.00 0.00	23.48 -0.12 0.00	24.34 -0.02 0.00	24.45 -0.02 0.00	24.43 0.00 0.00	25.22 -0.03 0.00	27.46 -0.03 0.00	32.22 -0.16 0.00	37.69 -0.15 0.00	40.33 0.00 0.00	38.96 -0.24 0.00	35.16 -0.18 0.00	30.82 -0.09 0.00	27.59 -0.06 0.00	25.74 -0.13 -0.29
TALLMAN___138KV_BK151 55660	28.15 1.19 0.00	25.77 1.04 0.00	23.79 0.87 0.00	22.58 0.81 0.00	22.25 0.79 0.00	23.02 0.82 0.00	24.51 0.90 0.00	23.70 0.89 0.00	24.70 0.95 0.00	25.04 0.99 0.00	24.82 1.23 0.00	25.56 1.19 0.00	25.75 1.27 0.00	25.70 1.27 0.00	26.58 1.34 0.00	29.03 1.46 -0.09	34.19 1.81 0.00	39.88 2.04 0.00	42.62 2.30 0.00	41.19 2.00 0.00	37.31 1.98 0.00	32.74 1.82 0.00	29.19 1.55 0.00	27.01 1.43 0.00
TEALLAVE_115KV_TB7 355573	26.83 -0.13 0.00	24.59 -0.15 0.00	22.78 -0.14 0.00	21.62 -0.15 0.00	21.30 -0.15 0.00	22.06 -0.13 0.00	23.47 -0.14 0.00	22.76 -0.05 0.00	23.63 -0.14 0.00	23.95 -0.10 0.00	23.41 -0.19 0.00	24.25 -0.12 0.00	24.35 -0.12 0.00	24.33 -0.10 0.00	25.12 -0.13 0.00	27.35 -0.14 0.00	32.09 -0.29 0.00	37.50 -0.34 0.00	40.12 -0.20 0.00	38.80 -0.39 0.00	35.02 -0.32 0.00	30.67 -0.25 0.00	27.48 -0.17 0.00	25.59 -0.23 -0.24
TELGRAPH_34_KV_EAST 80808	27.28 0.32 0.00	24.96 0.22 0.00	23.01 0.09 0.00	21.62 -0.15 0.00	21.34 -0.11 0.00	22.20 0.00 0.00	23.54 -0.07 0.00	23.22 0.41 0.00	23.99 0.24 0.00	24.51 0.46 0.00	24.09 0.50 0.00	25.27 0.90 0.00	25.19 0.71 0.00	25.31 0.88 0.00	26.03 0.78 0.00	28.28 0.80 0.00	32.54 0.16 0.00	37.65 -0.19 0.00	40.57 0.24 0.00	38.22 -0.98 0.00	34.73 -0.60 0.00	30.57 -0.34 0.00	27.89 0.25 0.00	25.73 0.15 0.00
TEMPLE___115KV_TB 2 55572	26.85 -0.11 0.00	24.59 -0.15 0.00	22.78 -0.14 0.00	21.62 -0.15 0.00	21.30 -0.15 0.00	22.06 -0.13 0.00	23.47 -0.14 0.00	22.76 -0.05 0.00	23.63 -0.12 0.00	23.98 -0.07 0.00	23.41 -0.19 0.00	24.27 -0.10 0.00	24.38 -0.10 0.00	24.33 -0.10 0.00	25.14 -0.10 0.00	27.38 -0.11 0.00	32.09 -0.29 0.00	37.54 -0.30 0.00	40.16 -0.16 0.00	38.80 -0.39 0.00	35.02 -0.32 0.00	30.70 -0.22 0.00	27.50 -0.14 0.00	25.61 -0.20 -0.24
TIANA____69_KV_BK 1 55817	28.29 1.02 -0.30	26.08 0.89 -0.45	23.92 0.69 -0.31	22.74 0.81 -0.16	22.20 0.75 0.00	24.85 0.73 -1.92	23.99 0.38 0.00	23.52 0.71 0.00	24.29 0.55 0.00	25.29 0.87 -0.38	28.30 1.09 -3.62	29.04 1.05 -3.62	29.04 1.13 -3.43	30.57 1.17 -4.97	29.91 1.16 -3.50	31.86 1.32 -3.05	35.94 2.36 -1.20	40.79 2.95 0.00	43.15 2.82 0.00	41.78 2.59 0.00	37.59 2.26 0.00	35.10 1.95 -2.24	30.01 1.38 -0.99	28.94 1.28 -2.08
TILDEN___115KV_TB1 80814	26.93 -0.03 0.00	24.66 -0.07 0.00	22.85 -0.07 0.00	21.68 -0.09 0.00	21.37 -0.09 0.00	22.13 -0.07 0.00	23.54 -0.07 0.00	22.83 0.02 0.00	23.70 -0.05 0.00	24.05 0.00 0.00	23.48 -0.12 0.00	24.34 -0.02 0.00	24.45 -0.02 0.00	24.43 0.00 0.00	25.22 -0.03 0.00	27.46 -0.03 0.00	32.22 -0.16 0.00	37.69 -0.15 0.00	40.33 0.00 0.00	38.96 -0.24 0.00	35.16 -0.18 0.00	30.82 -0.09 0.00	27.59 -0.06 0.00	25.74 -0.13 -0.29



TRIGEN___CC 323695	29.12 1.86 -0.30	26.85 1.66 -0.45	24.67 1.44 -0.31	23.31 1.37 -0.16	22.78 1.33 0.00	25.49 1.38 -1.92	24.94 1.32 0.00	24.20 1.39 0.00	25.20 1.45 0.00	26.04 1.61 -0.38	29.06 1.84 -3.62	29.84 1.85 -3.62	29.82 1.91 -3.43	31.33 1.93 -4.97	30.74 1.99 -3.50	32.71 2.17 -3.05	36.20 2.62 -1.20	40.75 2.91 0.00	43.55 3.23 0.00	42.17 2.98 0.00	38.20 2.86 0.00	35.75 2.60 -2.24	30.87 2.24 -0.99	29.73 2.07 -2.08
TRINITY___115KV___4 BK 55933	27.39 0.43 0.00	25.18 0.45 0.00	23.28 0.37 0.00	22.14 0.37 0.00	21.86 0.41 0.00	22.66 0.47 0.00	24.06 0.45 0.00	23.10 0.30 0.00	24.06 0.31 0.00	24.27 0.22 0.00	23.93 0.33 0.00	24.59 0.22 0.00	24.67 0.20 0.00	24.62 0.20 0.00	25.45 0.20 0.00	27.65 0.25 0.09	32.80 0.42 0.00	38.45 0.61 0.00	41.33 1.01 0.00	40.06 0.86 0.00	36.22 0.88 0.00	31.63 0.71 0.00	28.25 0.61 0.00	26.24 0.67 0.00
UNION___PROCESSING_DRP 323587	27.01 0.05 0.00	24.74 0.00 0.00	22.83 -0.09 0.00	21.55 -0.22 0.00	21.26 -0.19 0.00	22.06 -0.13 0.00	23.45 -0.17 0.00	22.99 0.18 0.00	23.80 0.05 0.00	24.24 0.19 0.00	23.79 0.19 0.00	24.83 0.46 0.00	24.84 0.37 0.00	24.87 0.44 0.00	25.62 0.38 0.00	27.90 0.41 0.00	32.38 0.00 0.00	37.69 -0.15 0.00	40.49 0.16 0.00	38.65 -0.55 0.00	34.91 -0.42 0.00	30.67 -0.25 0.00	27.72 0.08 0.00	25.55 -0.03 0.00
UPPER HUDSON___HYD 24058	28.66 1.70 0.00	26.32 1.58 0.00	24.29 1.37 0.00	23.08 1.31 0.00	22.72 1.27 0.00	23.55 1.35 0.00	25.01 1.39 0.00	23.97 1.16 0.00	25.05 1.31 0.00	25.25 1.20 0.00	24.85 1.25 0.00	25.59 1.22 0.00	25.60 1.13 0.00	25.45 1.03 0.00	26.35 1.11 0.00	28.71 1.32 0.09	34.16 1.78 0.00	40.23 2.39 0.00	43.47 3.15 0.00	42.37 3.17 0.00	38.05 2.72 0.00	33.08 2.16 0.00	29.58 1.93 0.00	27.39 1.82 0.00
UPPER RAQUET___HYD 24056	26.83 -0.13 0.00	24.69 -0.05 0.00	22.87 -0.05 0.00	21.77 0.00 0.00	21.41 -0.04 0.00	22.06 -0.13 0.00	23.59 -0.02 0.00	22.76 -0.05 0.00	23.70 -0.05 0.00	24.10 0.05 0.00	23.60 0.00 0.00	24.32 -0.05 0.00	24.26 -0.22 0.00	24.01 -0.42 0.00	24.81 -0.43 0.00	26.88 -0.60 0.00	31.67 -0.71 0.00	37.04 -0.80 0.00	39.20 -1.13 0.00	38.14 -1.06 0.00	34.63 -0.71 0.00	30.17 -0.74 0.00	26.90 -0.75 0.00	25.10 -0.56 -0.08
VALLEY44_115KV_TB2 355964	28.15 1.19 0.00	25.70 0.96 0.00	23.67 0.76 0.00	22.21 0.44 0.00	21.95 0.49 0.00	22.80 0.60 0.00	24.32 0.71 0.00	23.90 1.09 0.00	24.70 0.95 0.00	25.25 1.20 0.00	24.89 1.30 0.00	26.07 1.71 0.00	26.04 1.57 0.00	26.19 1.76 0.00	26.96 1.72 0.00	29.33 1.84 0.00	33.87 1.49 0.00	39.13 1.29 0.00	41.98 1.65 0.00	39.27 0.08 0.00	35.83 0.49 0.00	31.60 0.68 0.00	28.72 1.08 0.00	26.52 0.95 0.00
VALLEY___115KV_TB 1-4 80826	27.15 0.19 0.00	24.91 0.17 0.00	23.08 0.16 0.00	21.94 0.17 0.00	21.62 0.17 0.00	22.37 0.18 0.00	23.78 0.17 0.00	22.99 0.18 0.00	23.94 0.19 0.00	24.31 0.26 0.00	23.83 0.24 0.00	24.61 0.24 0.00	24.77 0.29 0.00	24.72 0.29 0.00	25.55 0.30 0.00	27.84 0.36 0.00	32.77 0.39 0.00	38.26 0.42 0.00	40.85 0.52 0.00	39.59 0.39 0.00	35.62 0.28 0.00	31.19 0.28 0.00	27.81 0.17 0.00	25.65 0.08 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	28.55 1.59 0.00	26.17 1.43 0.00	24.25 1.33 0.00	22.99 1.22 0.00	22.67 1.22 0.00	23.44 1.24 0.00	24.94 1.32 0.00	24.18 1.37 0.00	25.03 1.28 0.00	25.49 1.44 0.00	24.99 1.39 0.00	25.76 1.39 0.00	25.90 1.42 0.00	25.82 1.39 0.00	26.68 1.44 0.00	29.08 1.59 0.00	34.19 1.81 0.00	39.96 2.12 0.00	43.03 2.70 0.00	41.67 2.47 0.00	37.63 2.30 0.00	32.99 2.07 0.00	29.47 1.82 0.00	27.22 1.56 -0.08
VISCHER___FERRY HYD 24020	27.96 1.00 0.00	25.70 0.96 0.00	23.77 0.85 0.00	22.60 0.83 0.00	22.27 0.81 0.00	23.09 0.89 0.00	24.51 0.90 0.00	23.52 0.71 0.00	24.53 0.78 0.00	24.67 0.62 0.00	24.30 0.71 0.00	25.03 0.66 0.00	25.14 0.66 0.00	25.06 0.63 0.00	25.90 0.66 0.00	28.10 0.74 0.13	33.44 1.07 0.00	39.24 1.40 0.00	42.18 1.86 0.00	41.08 1.88 0.00	36.96 1.63 0.00	32.21 1.30 0.00	28.80 1.16 0.00	26.78 1.20 0.00
V_A_10_SYNC_DSASP 323832	26.74 -0.22 0.00	24.49 -0.25 0.00	22.60 -0.32 0.00	21.29 -0.48 0.00	21.00 -0.45 0.00	21.82 -0.38 0.00	23.14 -0.47 0.00	22.79 -0.02 0.00	23.51 -0.24 0.00	24.03 -0.02 0.00	23.60 0.00 0.00	24.71 0.34 0.00	24.65 0.17 0.00	24.70 0.27 0.00	25.44 0.20 0.00	27.63 0.14 0.00	31.89 -0.48 0.00	36.90 -0.94 0.00	39.64 -0.69 0.00	37.75 -1.45 0.00	34.10 -1.24 0.00	30.33 -0.59 0.00	27.34 -0.30 0.00	25.35 -0.23 0.00
V_CMM_10_SYNC_DSASP 323787	26.64 -0.32 0.00	24.49 -0.25 0.00	22.71 -0.21 0.00	21.60 -0.17 0.00	21.24 -0.21 0.00	21.91 -0.29 0.00	23.40 -0.21 0.00	22.54 -0.27 0.00	23.51 -0.24 0.00	23.86 -0.19 0.00	23.36 -0.24 0.00	24.10 -0.27 0.00	24.18 -0.29 0.00	24.11 -0.32 0.00	24.89 -0.35 0.00	27.08 -0.41 0.00	31.99 -0.39 0.00	37.39 -0.45 0.00	39.48 -0.85 0.00	38.37 -0.82 0.00	34.73 -0.60 0.00	30.23 -0.68 0.00	27.03 -0.61 0.00	25.04 -0.54 0.00
V_CMP_10_SYNC_DSASP 323788	27.26 0.30 0.00	25.13 0.39 0.00	23.33 0.41 0.00	22.21 0.44 0.00	21.82 0.36 0.00	22.53 0.33 0.00	24.16 0.54 0.00	23.24 0.43 0.00	24.22 0.47 0.00	24.63 0.58 0.00	24.11 0.52 0.00	24.86 0.49 0.00	24.89 0.42 0.00	24.82 0.39 0.00	25.62 0.38 0.00	27.87 0.38 0.00	33.09 0.71 0.00	38.60 0.76 0.00	40.65 0.32 0.00	39.20 0.00 0.00	35.33 0.00 0.00	30.51 -0.40 0.00	27.20 -0.44 0.00	25.07 -0.51 0.00
V_D_10_SYNC_DSASP 323841	26.80 -0.16 0.00	24.64 -0.10 0.00	22.85 -0.07 0.00	21.75 -0.02 0.00	21.39 -0.06 0.00	22.04 -0.15 0.00	23.54 -0.07 0.00	22.69 -0.11 0.00	23.65 -0.09 0.00	24.00 -0.05 0.00	23.50 -0.09 0.00	24.27 -0.10 0.00	24.31 -0.17 0.00	24.21 -0.22 0.00	25.02 -0.23 0.00	27.19 -0.30 0.00	32.12 -0.26 0.00	37.54 -0.30 0.00	39.68 -0.65 0.00	38.57 -0.63 0.00	34.91 -0.42 0.00	30.39 -0.53 0.00	27.14 -0.50 0.00	25.17 -0.41 0.00
V_E_10_SYNC_DSASP 323830	29.44 2.48 0.00	26.91 2.18 0.00	24.89 1.97 0.00	23.60 1.83 0.00	23.30 1.85 0.00	24.11 1.91 0.00	25.67 2.05 0.00	25.14 2.33 0.00	25.77 2.02 0.00	26.41 2.36 0.00	25.63 2.03 0.00	26.49 2.12 0.00	26.63 2.15 0.00	26.55 2.12 0.00	27.44 2.20 0.00	29.99 2.50 0.00	35.06 2.69 0.00	41.25 3.41 0.00	44.84 4.52 0.00	43.59 4.39 0.00	39.01 3.67 0.00	34.25 3.34 0.00	30.46 2.82 0.00	27.99 2.25 -0.16
V_F_30_NSYNC___DSASP 323816	28.39 1.43 0.00	26.07 1.33 0.00	24.09 1.17 0.00	22.90 1.13 0.00	22.55 1.09 0.00	23.37 1.18 0.00	24.79 1.18 0.00	23.79 0.98 0.00	24.84 1.09 0.00	25.01 0.96 0.00	24.61 1.01 0.00	25.37 1.00 0.00	25.41 0.93 0.00	25.31 0.88 0.00	26.20 0.96 0.00	28.49 1.10 0.10	33.87 1.49 0.00	39.81 1.97 0.00	42.91 2.58 0.00	41.78 2.59 0.00	37.60 2.26 0.00	32.71 1.79 0.00	29.27 1.63 0.00	27.14 1.56 0.00



V_F_30_SYNC_DSASP 323786	27.47 0.51 0.00	25.23 0.49 0.00	23.33 0.41 0.00	22.21 0.44 0.00	21.90 0.45 0.00	22.71 0.51 0.00	24.11 0.50 0.00	23.15 0.34 0.00	24.10 0.36 0.00	24.34 0.29 0.00	23.97 0.38 0.00	24.66 0.29 0.00	24.72 0.24 0.00	24.67 0.24 0.00	25.50 0.25 0.00	27.70 0.30 0.09	32.90 0.52 0.00	38.56 0.72 0.00	41.45 1.13 0.00	40.22 1.02 0.00	36.36 1.02 0.00	31.72 0.80 0.00	28.33 0.69 0.00	26.29 0.72 0.00
V_XM_10_SYNC_DSASP 323789	27.26 0.30 0.00	25.13 0.39 0.00	23.33 0.41 0.00	22.21 0.44 0.00	21.82 0.36 0.00	22.53 0.33 0.00	24.16 0.54 0.00	23.24 0.43 0.00	24.22 0.47 0.00	24.63 0.58 0.00	24.11 0.52 0.00	24.86 0.49 0.00	24.89 0.42 0.00	24.82 0.39 0.00	25.62 0.38 0.00	27.87 0.38 0.00	33.09 0.71 0.00	38.60 0.76 0.00	40.65 0.32 0.00	39.20 0.00 0.00	35.33 0.00 0.00	30.51 -0.40 0.00	27.20 -0.44 0.00	25.07 -0.51 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	28.23 1.27 0.00	25.85 1.11 0.00	23.86 0.94 0.00	22.64 0.87 0.00	22.31 0.86 0.00	23.08 0.89 0.00	24.58 0.97 0.00	23.74 0.94 0.00	24.77 1.02 0.00	25.11 1.06 0.00	24.89 1.30 0.00	25.61 1.24 0.00	25.82 1.35 0.00	25.75 1.32 0.00	26.63 1.39 0.00	29.12 1.54 -0.09	34.29 1.91 0.00	40.00 2.16 0.00	42.74 2.42 0.00	41.35 2.16 0.00	37.45 2.12 0.00	32.83 1.92 0.00	29.27 1.63 0.00	27.09 1.51 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	28.61 1.64 0.00	26.15 1.41 0.00	24.11 1.19 0.00	22.92 1.15 0.00	22.57 1.12 0.00	23.33 1.13 0.00	24.84 1.23 0.00	24.02 1.21 0.00	25.05 1.31 0.00	25.47 1.42 0.00	25.27 1.68 0.00	26.03 1.66 0.00	26.24 1.76 0.00	26.19 1.76 0.00	27.06 1.82 0.00	29.56 1.98 -0.10	34.77 2.40 0.00	40.45 2.61 0.00	43.23 2.90 0.00	41.86 2.67 0.00	37.98 2.65 0.00	33.26 2.35 0.00	29.66 2.02 0.00	27.42 1.84 0.00
W50THST__13_KV_LOAD 356117	28.77 1.81 0.00	26.29 1.56 0.00	24.22 1.31 0.00	23.05 1.28 0.00	22.70 1.24 0.00	23.46 1.27 0.00	24.98 1.37 0.00	24.15 1.35 0.00	25.22 1.47 0.00	25.64 1.59 0.00	25.44 1.84 0.00	26.22 1.85 0.00	26.41 1.93 0.00	26.36 1.93 0.00	27.24 1.99 0.00	29.76 2.17 -0.10	35.00 2.62 0.00	40.72 2.88 0.00	43.51 3.19 0.00	42.14 2.94 0.00	38.23 2.90 0.00	33.45 2.54 0.00	29.83 2.18 0.00	27.60 2.02 0.00
WADING RIVER_IC_1 23522	28.05 0.78 -0.30	25.76 0.57 -0.45	23.69 0.46 -0.31	22.54 0.61 -0.16	22.03 0.58 0.00	24.64 0.53 -1.92	23.80 0.19 0.00	23.17 0.36 0.00	24.34 0.59 0.00	24.95 0.53 -0.38	28.02 0.80 -3.62	28.74 0.76 -3.62	28.72 0.81 -3.43	30.28 0.88 -4.97	29.63 0.88 -3.50	31.53 0.99 -3.05	35.72 2.14 -1.20	40.45 2.61 0.00	42.70 2.38 0.00	41.74 2.55 0.00	37.21 1.87 0.00	34.70 1.55 -2.24	29.76 1.13 -0.99	28.71 1.05 -2.08
WADING RIVER_IC_2 23547	28.05 0.78 -0.30	25.76 0.57 -0.45	23.69 0.46 -0.31	22.54 0.61 -0.16	22.03 0.58 0.00	24.64 0.53 -1.92	23.80 0.19 0.00	23.17 0.36 0.00	24.34 0.59 0.00	24.95 0.53 -0.38	28.02 0.80 -3.62	28.74 0.76 -3.62	28.72 0.81 -3.43	30.28 0.88 -4.97	29.63 0.88 -3.50	31.53 0.99 -3.05	35.72 2.14 -1.20	40.45 2.61 0.00	42.70 2.38 0.00	41.74 2.55 0.00	37.21 1.87 0.00	34.70 1.55 -2.24	29.76 1.13 -0.99	28.71 1.05 -2.08
WADING RIVER_IC_3 23601	28.05 0.78 -0.30	25.76 0.57 -0.45	23.69 0.46 -0.31	22.54 0.61 -0.16	22.03 0.58 0.00	24.64 0.53 -1.92	23.80 0.19 0.00	23.17 0.36 0.00	24.34 0.59 0.00	24.95 0.53 -0.38	28.02 0.80 -3.62	28.74 0.76 -3.62	28.72 0.81 -3.43	30.28 0.88 -4.97	29.63 0.88 -3.50	31.53 0.99 -3.05	35.72 2.14 -1.20	40.45 2.61 0.00	42.70 2.38 0.00	41.74 2.55 0.00	37.21 1.87 0.00	34.70 1.55 -2.24	29.76 1.13 -0.99	28.71 1.05 -2.08
WALDENNY_12_KV_BK2 80841	27.69 0.73 0.00	25.28 0.54 0.00	23.31 0.39 0.00	21.90 0.13 0.00	21.62 0.17 0.00	22.49 0.29 0.00	23.85 0.24 0.00	23.52 0.71 0.00	24.27 0.52 0.00	24.82 0.77 0.00	24.45 0.85 0.00	25.66 1.29 0.00	25.60 1.13 0.00	25.72 1.29 0.00	26.46 1.21 0.00	28.75 1.26 0.00	33.06 0.68 0.00	38.11 0.26 0.00	41.01 0.69 0.00	38.45 -0.74 0.00	35.09 -0.25 0.00	30.85 -0.06 0.00	28.22 0.58 0.00	25.99 0.41 0.00
WALDEN__HYDRO 24148	28.15 1.19 0.00	25.77 1.04 0.00	23.81 0.89 0.00	22.62 0.85 0.00	22.29 0.84 0.00	23.06 0.87 0.00	24.53 0.92 0.00	23.65 0.84 0.00	24.65 0.90 0.00	24.94 0.89 0.00	24.71 1.11 0.00	25.42 1.05 0.00	25.63 1.15 0.00	25.55 1.12 0.00	26.46 1.21 0.00	28.91 1.35 -0.08	34.03 1.65 0.00	39.73 1.89 0.00	42.54 2.22 0.00	41.19 2.00 0.00	37.28 1.94 0.00	32.68 1.76 0.00	29.13 1.49 0.00	26.98 1.41 0.00
WARRENSBURG____ 23737	28.66 1.70 0.00	26.32 1.58 0.00	24.29 1.37 0.00	23.08 1.31 0.00	22.72 1.27 0.00	23.55 1.35 0.00	25.01 1.39 0.00	23.97 1.16 0.00	25.05 1.31 0.00	25.25 1.20 0.00	24.85 1.25 0.00	25.59 1.22 0.00	25.60 1.13 0.00	25.45 1.03 0.00	26.35 1.11 0.00	28.71 1.32 0.09	34.16 1.78 0.00	40.23 2.39 0.00	43.47 3.15 0.00	42.37 3.17 0.00	38.05 2.72 0.00	33.08 2.16 0.00	29.58 1.93 0.00	27.39 1.82 0.00
WATERSIDE____6 8 9 23538	28.61 1.64 0.00	26.20 1.46 0.00	24.09 1.17 0.00	22.92 1.15 0.00	22.59 1.14 0.00	23.26 1.07 0.00	24.72 1.11 0.00	23.90 1.09 0.00	24.94 1.19 0.00	25.37 1.32 0.00	25.20 1.60 0.00	25.95 1.58 0.00	26.14 1.66 0.00	26.11 1.69 0.00	26.99 1.74 0.00	29.43 1.84 -0.10	34.68 2.30 0.00	40.34 2.50 0.00	43.11 2.78 0.00	41.78 2.59 0.00	37.88 2.54 0.00	33.14 2.23 0.00	29.60 1.96 0.00	27.39 1.82 0.00
WATKINRD_115KV_LN8_ILLION 55919	26.91 -0.05 0.00	24.69 -0.05 0.00	22.87 -0.05 0.00	21.73 -0.04 0.00	21.41 -0.04 0.00	22.15 -0.04 0.00	23.57 -0.05 0.00	22.76 -0.05 0.00	23.68 -0.07 0.00	24.00 -0.05 0.00	23.53 -0.07 0.00	24.27 -0.10 0.00	24.40 -0.07 0.00	24.33 -0.10 0.00	25.17 -0.08 0.00	27.40 -0.08 0.00	32.25 -0.13 0.00	37.73 -0.11 0.00	40.37 0.04 0.00	39.24 0.04 0.00	35.37 0.04 0.00	30.98 0.06 0.00	27.67 0.03 0.00	25.58 0.00 0.00
WATSON____69_KV_BK 1 55734	29.34 2.08 -0.30	27.02 1.83 -0.45	24.83 1.60 -0.31	23.48 1.55 -0.16	22.95 1.50 0.00	25.67 1.55 -1.92	24.96 1.35 0.00	24.36 1.55 0.00	25.27 1.52 0.00	26.18 1.76 -0.38	29.22 2.01 -3.62	29.99 2.00 -3.62	29.99 2.08 -3.43	31.48 2.08 -4.97	30.92 2.17 -3.50	32.91 2.36 -3.05	36.69 3.11 -1.20	41.51 3.67 0.00	44.24 3.91 0.00	42.80 3.61 0.00	38.65 3.32 0.00	36.06 2.91 -2.24	31.06 2.43 -0.99	29.91 2.25 -2.08
WDELAWARE__HYD 323627	28.39 1.43 0.00	25.97 1.24 0.00	24.02 1.10 0.00	22.77 1.00 0.00	22.46 1.01 0.00	23.22 1.02 0.00	24.70 1.09 0.00	23.81 1.00 0.00	24.89 1.14 0.00	25.08 1.03 0.00	24.80 1.20 0.00	25.51 1.15 0.00	25.75 1.27 0.00	25.65 1.22 0.00	26.58 1.34 0.00	29.06 1.51 -0.06	34.19 1.81 0.00	40.00 2.16 0.00	42.91 2.58 0.00	41.82 2.63 0.00	37.60 2.26 0.00	32.90 1.98 0.00	29.36 1.71 0.00	27.14 1.56 0.00



WEST BABYLON___IC 23714	29.37 2.10 -0.30	27.05 1.86 -0.45	24.86 1.63 -0.31	23.50 1.57 -0.16	22.97 1.52 0.00	25.67 1.55 -1.92	25.01 1.39 0.00	24.36 1.55 0.00	25.32 1.57 0.00	26.21 1.78 -0.38	29.25 2.03 -3.62	30.01 2.02 -3.62	29.99 2.08 -3.43	31.50 2.10 -4.97	30.92 2.17 -3.50	32.93 2.39 -3.05	36.59 3.01 -1.20	41.36 3.52 0.00	44.16 3.83 0.00	42.72 3.53 0.00	38.62 3.29 0.00	36.06 2.91 -2.24	31.09 2.46 -0.99	29.96 2.30 -2.08
WEST CANADA___HYD 24049	27.10 0.14 0.00	24.86 0.12 0.00	23.03 0.12 0.00	21.88 0.11 0.00	21.56 0.11 0.00	22.33 0.13 0.00	23.73 0.12 0.00	22.92 0.11 0.00	23.87 0.12 0.00	24.15 0.10 0.00	23.71 0.12 0.00	24.47 0.10 0.00	24.57 0.10 0.00	24.53 0.10 0.00	25.34 0.10 0.00	27.63 0.14 0.00	32.51 0.13 0.00	38.03 0.19 0.00	40.61 0.28 0.00	39.51 0.31 0.00	35.58 0.25 0.00	31.13 0.22 0.00	27.84 0.19 0.00	25.73 0.15 0.00
WESTERN_NY_WIND 24143	27.58 0.62 0.00	25.21 0.47 0.00	23.24 0.32 0.00	21.84 0.07 0.00	21.56 0.11 0.00	22.42 0.22 0.00	23.80 0.19 0.00	23.47 0.66 0.00	24.25 0.50 0.00	24.75 0.70 0.00	24.33 0.73 0.00	25.49 1.12 0.00	25.43 0.95 0.00	25.53 1.10 0.00	26.28 1.03 0.00	28.61 1.13 0.00	32.99 0.62 0.00	38.26 0.42 0.00	41.29 0.97 0.00	39.00 -0.20 0.00	35.33 0.00 0.00	31.07 0.15 0.00	28.30 0.66 0.00	26.06 0.49 0.00
WESTOVER___LESR 323668	27.50 0.54 0.00	25.18 0.45 0.00	23.28 0.37 0.00	22.03 0.26 0.00	21.73 0.28 0.00	22.51 0.31 0.00	23.99 0.38 0.00	23.33 0.52 0.00	24.18 0.43 0.00	24.58 0.53 0.00	24.12 0.52 0.00	25.05 0.68 0.00	25.14 0.66 0.00	25.11 0.68 0.00	25.95 0.71 0.00	28.23 0.74 0.00	33.03 0.65 0.00	38.52 0.68 0.00	41.21 0.89 0.00	39.59 0.39 0.00	35.83 0.49 0.00	31.47 0.56 0.00	28.22 0.58 0.00	26.23 0.49 -0.17
WETHRSFD_WT_PWR 323626	27.53 0.57 0.00	25.16 0.42 0.00	23.21 0.30 0.00	21.86 0.09 0.00	21.56 0.11 0.00	22.37 0.18 0.00	23.78 0.17 0.00	23.40 0.59 0.00	24.13 0.38 0.00	24.67 0.62 0.00	24.26 0.66 0.00	25.42 1.05 0.00	25.38 0.91 0.00	25.45 1.03 0.00	26.23 0.98 0.00	28.50 1.02 0.00	32.89 0.52 0.00	38.03 0.19 0.00	40.85 0.52 0.00	38.88 -0.31 0.00	35.01 -0.32 0.00	31.07 0.16 0.00	27.95 0.30 0.00	25.91 0.33 0.00
WHAVSTOR_138KV_BK127 55557	28.15 1.19 0.00	25.77 1.04 0.00	23.79 0.87 0.00	22.60 0.83 0.00	22.25 0.79 0.00	23.02 0.82 0.00	24.51 0.90 0.00	23.70 0.89 0.00	24.70 0.95 0.00	25.04 0.99 0.00	24.82 1.23 0.00	25.56 1.19 0.00	25.75 1.27 0.00	25.70 1.27 0.00	26.58 1.34 0.00	29.03 1.46 -0.09	34.19 1.81 0.00	39.85 2.01 0.00	42.58 2.26 0.00	41.19 2.00 0.00	37.31 1.98 0.00	32.71 1.79 0.00	29.16 1.52 0.00	27.01 1.43 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	28.15 1.19 0.00	25.77 1.04 0.00	23.79 0.87 0.00	22.60 0.83 0.00	22.25 0.79 0.00	23.02 0.82 0.00	24.51 0.90 0.00	23.70 0.89 0.00	24.70 0.95 0.00	25.04 0.99 0.00	24.82 1.23 0.00	25.56 1.19 0.00	25.75 1.27 0.00	25.70 1.27 0.00	26.58 1.34 0.00	29.03 1.46 -0.09	34.19 1.81 0.00	39.85 2.01 0.00	42.58 2.26 0.00	41.19 2.00 0.00	37.31 1.98 0.00	32.71 1.79 0.00	29.16 1.52 0.00	27.01 1.43 0.00
WHITEHAL_115KV_TB1 80871	29.09 2.13 0.00	26.69 1.95 0.00	24.61 1.70 0.00	23.36 1.59 0.00	23.00 1.54 0.00	23.86 1.66 0.00	25.31 1.70 0.00	24.22 1.41 0.00	25.32 1.57 0.00	25.13 1.52 0.00	25.88 1.53 0.00	25.85 1.51 0.00	25.65 1.37 0.00	26.58 1.22 0.00	28.98 1.34 0.10	34.55 1.59 0.00	40.79 2.17 0.00	44.24 2.95 0.00	42.96 3.91 0.00	38.76 3.76 0.00	33.67 3.43 0.00	30.05 2.75 0.00	27.78 2.40 0.00	27.78 2.20 0.00
WHITEPLN_13_KV_LOAD 356215	28.61 1.64 0.00	26.17 1.43 0.00	24.13 1.21 0.00	22.92 1.15 0.00	22.59 1.14 0.00	23.35 1.15 0.00	24.84 1.23 0.00	24.02 1.21 0.00	25.03 1.28 0.00	25.40 1.35 0.00	25.20 1.60 0.00	25.95 1.58 0.00	26.16 1.69 0.00	26.11 1.69 0.00	27.01 1.77 0.00	29.51 1.92 -0.10	34.77 2.40 0.00	40.49 2.65 0.00	43.31 2.98 0.00	41.94 2.74 0.00	38.02 2.69 0.00	33.26 2.35 0.00	29.66 2.02 0.00	27.44 1.87 0.00
WM_FLOYD_69_KV_BK2 356380	28.50 1.24 -0.30	26.28 1.09 -0.45	24.12 0.89 -0.31	22.89 0.96 -0.16	22.37 0.92 0.00	25.02 0.91 -1.92	24.23 0.61 0.00	23.72 0.91 0.00	24.51 0.76 0.00	25.46 1.03 -0.38	28.47 1.25 -3.62	29.21 1.22 -3.62	29.21 1.30 -3.43	30.72 1.32 -4.97	30.11 1.36 -3.50	32.03 1.48 -3.05	36.01 2.43 -1.20	40.79 2.95 0.00	43.27 2.94 0.00	41.90 2.70 0.00	37.74 2.40 0.00	35.26 2.10 -2.24	30.20 1.58 -0.99	29.14 1.48 -2.08
WOODARD__115KV_TB2 355635	26.77 -0.19 0.00	24.54 -0.20 0.00	22.73 -0.18 0.00	21.57 -0.20 0.00	21.26 -0.19 0.00	22.02 -0.18 0.00	23.42 -0.19 0.00	22.72 -0.09 0.00	23.58 -0.17 0.00	23.91 -0.14 0.00	23.34 -0.26 0.00	24.20 -0.17 0.00	24.30 -0.17 0.00	24.26 -0.17 0.00	25.07 -0.18 0.00	27.29 -0.19 0.00	32.02 -0.36 0.00	37.42 -0.42 0.00	40.04 -0.28 0.00	38.73 -0.47 0.00	34.94 -0.39 0.00	30.61 -0.31 0.00	27.42 -0.22 0.00	25.61 -0.28 -0.32
YORK___WARBASSE 23770	28.79 1.83 0.00	26.32 1.58 0.00	24.20 1.28 0.00	23.03 1.26 0.00	22.67 1.22 0.00	23.28 1.09 0.00	24.72 1.11 0.00	23.86 1.05 0.00	24.91 1.16 0.00	25.37 1.32 0.00	25.22 1.63 0.00	26.00 1.63 0.00	26.16 1.69 0.00	26.14 1.71 0.00	27.01 1.77 0.00	29.48 1.90 -0.10	34.74 2.36 0.00	40.45 2.61 0.00	43.19 2.86 0.00	41.86 2.67 0.00	37.95 2.61 0.00	33.23 2.32 0.00	29.71 2.07 0.00	27.52 1.94 0.00