

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

09/14/2024

Name	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
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	28.04	26.58	24.00	23.96	24.07	24.90	25.33	25.53	26.35	26.36	27.65	29.27	30.84	33.53	34.85	38.85	43.69	49.96	47.52	44.95	41.05	37.16	33.31	29.50
24138	1.44	1.27	1.16	1.08	1.08	1.10	1.21	1.35	1.44	1.35	1.76	1.89	2.04	2.45	2.85	2.94	3.39	3.66	3.32	2.94	3.00	2.66	2.27	1.88
	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
74TH STREET_GT_1	27.96	26.51	23.93	23.92	24.00	24.83	25.25	25.46	26.25	26.24	27.57	29.19	30.72	33.44	34.73	38.74	43.57	49.77	47.34	44.74	40.94	37.06	33.25	29.38
24260	1.36	1.19	1.10	1.03	1.01	1.02	1.13	1.28	1.35	1.23	1.68	1.81	1.93	2.36	2.72	2.84	3.26	3.47	3.14	2.73	2.89	2.55	2.20	1.77
	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
74TH STREET_GT_2	27.96	26.51	23.93	23.92	24.00	24.83	25.25	25.46	26.25	26.24	27.57	29.19	30.72	33.44	34.73	38.74	43.57	49.77	47.34	44.74	40.94	37.06	33.25	29.38
24261	1.36	1.19	1.10	1.03	1.01	1.02	1.13	1.28	1.35	1.23	1.68	1.81	1.93	2.36	2.72	2.84	3.26	3.47	3.14	2.73	2.89	2.55	2.20	1.77
	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
ADK HUDSON___FALLS	28.04	26.63	23.98	23.99	24.04	25.02	25.33	25.34	26.13	26.04	26.90	28.36	29.92	32.13	33.32	37.41	42.44	49.31	47.38	44.99	40.56	36.89	32.97	29.33
24011	1.44	1.32	1.14	1.10	1.06	1.21	1.21	1.16	1.22	1.03	1.01	0.99	1.12	1.06	1.31	1.51	2.14	3.01	3.18	2.98	2.51	2.38	1.92	1.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	28.20	26.78	24.09	24.10	24.16	25.14	25.47	25.46	26.30	26.19	27.05	28.53	30.09	32.29	33.48	37.59	42.68	49.68	47.74	45.33	40.82	37.13	33.16	29.52
23798	1.60	1.47	1.26	1.21	1.17	1.33	1.35	1.28	1.39	1.18	1.17	1.15	1.30	1.21	1.47	1.69	2.38	3.38	3.54	3.32	2.78	2.62	2.11	1.90
	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
ADK S GLENS___FALLS	28.04	26.63	23.98	23.99	24.04	25.02	25.33	25.34	26.13	26.04	26.90	28.36	29.92	32.13	33.32	37.41	42.44	49.31	47.38	44.99	40.56	36.89	32.97	29.33
24028	1.44	1.32	1.14	1.10	1.06	1.21	1.21	1.16	1.22	1.03	1.01	0.99	1.12	1.06	1.31	1.51	2.14	3.01	3.18	2.98	2.51	2.38	1.92	1.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	27.91	26.51	23.89	23.92	24.02	24.90	25.25	25.39	25.98	25.84	26.92	28.42	29.89	32.35	33.51	37.52	42.36	48.75	46.41	44.40	40.10	36.37	32.57	28.97
23527	1.30	1.19	1.05	1.03	1.04	1.10	1.13	1.21	1.07	0.82	1.04	1.04	1.09	1.27	1.50	1.62	2.05	2.45	2.21	2.39	2.05	1.86	1.52	1.35
	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
AIR_PRODUCTS___DRP	26.82	25.49	23.27	23.30	23.38	24.23	24.53	24.61	25.31	25.04	26.07	27.43	28.85	31.23	32.36	36.26	40.79	46.95	44.82	42.68	38.62	35.06	31.45	27.95
24190	0.21	0.18	0.43	0.41	0.39	0.43	0.41	0.44	0.40	0.03	0.18	0.05	0.06	0.16	0.35	0.36	0.48	0.65	0.62	0.67	0.57	0.55	0.40	0.33
	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
AKWESSNE_115KV_BK	26.31	25.16	22.70	22.75	22.87	23.71	23.98	24.06	24.88	24.99	25.84	27.27	28.74	30.80	31.52	35.40	39.78	45.65	43.54	41.46	37.55	33.95	30.64	27.31
355683	-0.29	-0.15	-0.14	-0.14	-0.11	-0.10	-0.14	-0.12	-0.02	-0.03	-0.05	-0.11	-0.06	-0.28	-0.48	-0.50	-0.52	-0.65	-0.66	-0.55	-0.49	-0.55	-0.40	-0.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	27.45	26.10	23.68	23.71	23.79	24.69	24.96	24.97	25.63	25.36	26.28	27.62	29.08	31.48	32.64	36.66	41.43	47.92	45.84	43.69	39.53	35.85	32.13	28.61
323833	0.85	0.79	0.85	0.82	0.80	0.88	0.84	0.80	0.72	0.35	0.39	0.25	0.29	0.40	0.64	0.76	1.13	1.62	1.64	1.68	1.48	1.34	1.09	0.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	27.43	26.07	23.68	23.71	23.79	24.69	24.96	24.97	25.63	25.36	26.28	27.62	29.08	31.48	32.61	36.66	41.40	47.92	45.84	43.69	39.49	35.85	32.13	28.61
323834	0.83	0.76	0.85	0.82	0.80	0.88	0.84	0.80	0.72	0.35	0.39	0.25	0.29	0.40	0.61	0.76	1.09	1.62	1.64	1.68	1.45	1.34	1.09	0.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	26.82	25.49	23.27	23.30	23.38	24.23	24.53	24.61	25.31	25.04	26.07	27.43	28.85	31.23	32.36	36.26	40.79	46.95	44.82	42.68	38.62	35.06	31.45	27.95
23571	0.21	0.18	0.43	0.41	0.39	0.43	0.41	0.44	0.40	0.03	0.18	0.05	0.06	0.16	0.35	0.36	0.48	0.65	0.62	0.67	0.57	0.55	0.40	0.33
	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___2 23572	26.82 0.21 0.00	25.49 0.18 0.00	23.27 0.43 0.00	23.30 0.41 0.00	23.38 0.39 0.00	24.23 0.43 0.00	24.53 0.41 0.00	24.61 0.44 0.00	25.31 0.40 0.00	25.04 0.03 0.00	26.07 0.18 0.00	27.43 0.05 0.00	28.85 0.06 0.00	31.23 0.16 0.00	32.36 0.35 0.00	36.26 0.36 0.00	40.79 0.48 0.00	46.95 0.65 0.00	44.82 0.62 0.00	42.68 0.67 0.00	38.62 0.57 0.00	35.06 0.55 0.00	31.45 0.40 0.00	27.95 0.33 0.00
ALBANY___3 23573	26.82 0.21 0.00	25.49 0.18 0.00	23.27 0.43 0.00	23.30 0.41 0.00	23.38 0.39 0.00	24.23 0.43 0.00	24.53 0.41 0.00	24.61 0.44 0.00	25.31 0.40 0.00	25.04 0.03 0.00	26.07 0.18 0.00	27.43 0.05 0.00	28.85 0.06 0.00	31.23 0.16 0.00	32.36 0.35 0.00	36.26 0.36 0.00	40.79 0.48 0.00	46.95 0.65 0.00	44.82 0.62 0.00	42.68 0.67 0.00	38.62 0.57 0.00	35.06 0.55 0.00	31.45 0.40 0.00	27.95 0.33 0.00
ALBANY___4 23574	26.82 0.21 0.00	25.49 0.18 0.00	23.27 0.43 0.00	23.30 0.41 0.00	23.38 0.39 0.00	24.23 0.43 0.00	24.53 0.41 0.00	24.61 0.44 0.00	25.31 0.40 0.00	25.04 0.03 0.00	26.07 0.18 0.00	27.43 0.05 0.00	28.85 0.06 0.00	31.23 0.16 0.00	32.36 0.35 0.00	36.26 0.36 0.00	40.79 0.48 0.00	46.95 0.65 0.00	44.82 0.62 0.00	42.68 0.67 0.00	38.62 0.57 0.00	35.06 0.55 0.00	31.45 0.40 0.00	27.95 0.33 0.00
ALBANY___LFGE 323615	27.08 0.48 0.00	25.75 0.43 0.00	23.43 0.59 0.00	23.48 0.59 0.00	23.56 0.57 0.00	24.42 0.62 0.00	24.72 0.60 0.00	24.81 0.63 0.00	25.51 0.60 0.00	25.29 0.28 0.00	26.33 0.44 0.00	27.71 0.33 0.00	29.17 0.37 0.00	31.57 0.50 0.00	32.68 0.67 0.00	36.62 0.72 0.00	41.24 0.93 0.00	47.50 1.20 0.00	45.31 1.11 0.00	43.15 1.13 0.00	39.07 1.03 0.00	35.44 0.93 0.00	31.76 0.71 0.00	28.25 0.64 0.00
ALCOA_PA_115KV_PL-6C 55860	26.39 -0.21 0.00	25.26 -0.05 0.00	22.79 -0.05 0.00	22.82 -0.07 0.00	22.94 -0.05 0.00	23.78 -0.02 0.00	24.07 -0.05 0.00	24.15 -0.02 0.00	24.96 0.05 0.00	25.06 0.05 0.00	25.91 0.03 0.00	27.35 -0.03 0.00	28.79 0.00 0.00	30.89 -0.19 0.00	31.62 -0.38 0.00	35.51 -0.39 0.00	39.94 -0.36 0.00	45.79 -0.51 0.00	43.71 -0.49 0.00	41.63 -0.38 0.00	37.67 -0.38 0.00	34.09 -0.41 0.00	30.74 -0.31 0.00	27.42 -0.19 0.00
ALCOA_RYNLDS___DRP 24188	26.39 -0.21 0.00	25.26 -0.05 0.00	22.79 -0.05 0.00	22.82 -0.07 0.00	22.94 -0.05 0.00	23.78 -0.02 0.00	24.07 -0.05 0.00	24.15 -0.02 0.00	24.96 0.05 0.00	25.06 0.05 0.00	25.91 0.03 0.00	27.35 -0.03 0.00	28.79 0.00 0.00	30.89 -0.19 0.00	31.62 -0.38 0.00	35.51 -0.39 0.00	39.94 -0.36 0.00	45.79 -0.51 0.00	43.71 -0.49 0.00	41.63 -0.38 0.00	37.67 -0.38 0.00	34.09 -0.41 0.00	30.74 -0.31 0.00	27.42 -0.19 0.00
ALCOA___DSASP 323711	26.39 -0.21 0.00	25.26 -0.05 0.00	22.79 -0.05 0.00	22.82 -0.07 0.00	22.94 -0.05 0.00	23.76 -0.05 0.00	24.07 -0.05 0.00	24.15 -0.02 0.00	24.96 0.05 0.00	25.06 0.05 0.00	25.91 0.03 0.00	27.35 -0.03 0.00	28.79 0.00 0.00	30.89 -0.19 0.00	31.62 -0.38 0.00	35.51 -0.39 0.00	39.90 -0.40 0.00	45.79 -0.51 0.00	43.72 -0.49 0.00	41.63 -0.38 0.00	37.70 -0.34 0.00	34.09 -0.41 0.00	30.74 -0.31 0.00	27.40 -0.22 0.00
ALLEGHENY___COGEN 23514	27.16 0.56 0.00	25.82 0.51 0.00	23.04 0.21 0.00	23.00 0.12 0.00	23.10 0.12 0.00	24.02 0.21 0.00	24.41 0.29 0.00	24.54 0.36 0.00	24.88 -0.02 0.00	25.41 0.40 0.00	25.86 -0.03 0.00	27.54 0.17 0.00	28.88 0.09 0.00	31.32 0.25 0.00	32.36 0.35 0.00	36.87 0.97 0.00	41.29 1.01 0.03	46.69 1.44 1.05	45.69 1.94 0.46	42.45 1.47 1.03	38.46 0.80 0.38	34.89 0.73 0.34	31.64 0.62 0.03	28.31 0.69 0.00
ALTAMONT_115KV_TB 2 55880	27.14 0.53 0.00	25.77 0.46 0.00	23.34 0.50 0.00	23.37 0.48 0.00	23.47 0.48 0.00	24.33 0.52 0.00	24.63 0.51 0.00	24.71 0.53 0.00	25.38 0.47 0.00	25.29 0.28 0.00	26.33 0.44 0.00	27.76 0.38 0.00	29.22 0.43 0.00	31.63 0.56 0.00	32.74 0.74 0.00	36.73 0.83 0.00	41.32 1.01 0.00	47.51 1.20 0.00	45.35 1.15 0.00	43.15 1.13 0.00	39.07 1.03 0.00	35.47 0.97 0.00	31.82 0.78 0.00	28.28 0.66 0.00
ALTONA_WT_PWR 323606	27.38 0.77 0.00	26.23 0.91 0.00	23.66 0.82 0.00	23.69 0.80 0.00	23.86 0.87 0.00	24.71 0.90 0.00	25.09 0.97 0.00	25.22 1.04 0.00	26.00 1.09 0.00	26.14 1.13 0.00	27.03 1.14 0.00	28.50 1.12 0.00	30.03 1.24 0.00	32.23 1.15 0.00	33.03 1.02 0.00	37.16 1.26 0.00	41.88 1.57 0.00	47.92 1.62 0.00	45.66 1.46 0.00	43.40 1.38 0.00	39.15 1.10 0.00	35.30 0.79 0.00	31.76 0.71 0.00	28.28 0.66 0.00
AMERICAN_REF_FUEL 24010	25.14 -1.46 0.00	23.80 -1.52 0.00	21.33 -1.51 0.00	21.29 -1.60 0.00	21.40 -1.59 0.00	22.26 -1.55 0.00	22.67 -1.45 0.00	22.51 -1.67 0.00	22.94 -1.97 0.00	23.81 -1.20 0.00	24.36 -1.53 0.01	26.17 -1.20 0.00	27.33 -1.47 0.00	29.61 -1.46 0.01	30.40 -1.60 0.01	34.57 -1.33 0.01	37.94 -2.34 0.03	41.81 -3.29 1.20	40.85 -2.83 0.52	37.85 -2.98 1.18	34.26 -3.35 0.44	31.29 -2.83 0.39	28.56 -2.45 0.03	25.90 -1.71 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	26.47 -0.13 0.00	24.99 -0.33 0.00	22.40 -0.43 0.00	22.38 -0.50 0.00	22.50 -0.48 0.00	23.45 -0.36 0.00	23.90 -0.22 0.00	24.23 0.05 0.00	24.71 -0.20 0.00	25.56 0.55 0.00	26.33 0.44 0.00	28.25 0.88 0.00	29.46 0.66 0.00	32.04 0.96 0.00	32.90 0.89 0.00	37.38 1.47 0.00	40.84 0.56 0.03	44.72 -0.51 1.08	43.55 -0.18 0.47	40.11 -0.84 1.06	36.17 -1.48 0.39	32.95 -1.21 0.35	30.34 -0.68 0.03	27.23 -0.39 0.00
ARTHUR KILL_GT_1 23520	27.87 1.28 0.01	26.45 1.14 0.01	23.86 1.03 0.01	23.82 0.94 0.01	23.90 0.92 0.01	24.77 0.98 0.01	25.20 1.09 0.01	25.33 1.16 0.01	26.14 1.24 0.01	26.13 1.13 0.01	27.46 1.58 0.01	29.04 1.67 0.01	30.57 1.79 0.01	33.24 2.17 0.01	34.53 2.53 0.00	38.45 2.55 0.00	43.56 3.26 0.01	48.39 3.47 1.38	47.37 3.18 0.01	44.73 2.73 0.01	40.78 2.74 0.01	36.84 2.35 0.01	33.06 2.02 0.01	29.32 1.71 0.01
ARTHUR_KILL_2 23512	27.79 1.20 0.01	26.37 1.06 0.01	23.79 0.96 0.01	23.75 0.87 0.01	23.85 0.87 0.01	24.70 0.90 0.01	25.12 1.01 0.01	25.26 1.09 0.01	26.07 1.17 0.01	26.05 1.05 0.01	27.35 1.47 0.01	28.96 1.59 0.01	30.48 1.70 0.01	33.12 2.05 0.01	34.43 2.43 0.00	38.34 2.44 0.00	43.40 3.10 0.01	48.21 3.29 1.38	47.20 3.01 0.01	44.60 2.61 0.01	40.66 2.62 0.01	36.74 2.24 0.01	32.96 1.93 0.01	29.21 1.60 0.01
ARTHUR_KILL_3 23513	27.72 1.12 0.00	26.28 0.96 0.00	23.75 0.91 0.00	23.73 0.85 0.00	23.81 0.83 0.00	24.59 0.78 0.00	25.03 0.92 0.00	25.26 1.09 0.00	26.05 1.15 0.00	26.04 1.03 0.00	27.34 1.45 0.00	28.94 1.56 0.00	30.46 1.67 0.00	33.12 2.05 0.00	34.44 2.43 0.00	38.42 2.51 0.00	43.00 2.70 0.00	47.80 2.87 1.38	46.76 2.56 0.00	44.23 2.23 0.00	40.55 2.51 0.00	36.75 2.24 0.00	32.94 1.89 0.00	29.16 1.55 0.00



ARTHUR_KILL_COGEN 323718	27.87 1.28 0.01	26.45 1.14 0.01	23.86 1.03 0.01	23.82 0.94 0.01	23.90 0.92 0.01	24.77 0.98 0.01	25.20 1.09 0.01	25.33 1.16 0.01	26.14 1.24 0.01	26.13 1.13 0.01	27.46 1.58 0.01	29.04 1.67 0.01	30.57 1.79 0.01	33.24 2.17 0.01	34.53 2.53 0.00	38.45 2.55 0.00	43.56 3.26 0.01	48.39 3.47 1.38	47.37 3.18 0.01	44.73 2.73 0.01	40.78 2.74 0.01	36.84 2.35 0.01	33.06 2.02 0.01	29.32 1.71 0.01
ASHOKAN____ 23654	27.67 1.07 0.00	26.25 0.94 0.00	23.79 0.96 0.00	23.80 0.92 0.00	23.88 0.90 0.00	24.73 0.93 0.00	25.01 0.89 0.00	24.95 0.77 0.00	25.68 0.77 0.00	25.46 0.45 0.00	26.46 0.57 0.00	27.87 0.49 0.00	29.51 0.72 0.00	31.98 0.90 0.00	33.35 1.34 0.00	37.56 1.65 0.00	42.68 2.38 0.00	49.45 3.15 0.00	47.34 3.14 0.00	44.99 2.98 0.00	40.60 2.55 0.00	36.58 2.07 0.00	32.63 1.58 0.00	28.97 1.35 0.00
ASTORIA_EAST_ENERGY_CC1 323581	27.88 1.28 0.00	26.51 1.19 0.00	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.04 0.00	24.80 1.00 0.00	25.13 1.01 0.00	25.34 1.16 0.00	26.07 1.17 0.01	26.08 1.07 0.01	27.39 1.50 0.00	29.02 1.64 0.00	30.58 1.79 0.00	33.31 2.24 0.00	34.63 2.62 0.00	38.45 2.55 0.00	43.05 2.74 0.00	49.12 2.82 0.01	46.76 2.56 0.01	44.19 2.18 0.01	40.67 2.62 0.00	36.78 2.28 0.00	33.13 2.08 0.00	29.33 1.71 0.00
ASTORIA_EAST_ENERGY_CC2 323582	27.88 1.28 0.00	26.51 1.19 0.00	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.04 0.00	24.80 1.00 0.00	25.13 1.01 0.00	25.34 1.16 0.00	26.07 1.17 0.01	26.08 1.07 0.01	27.39 1.50 0.00	29.02 1.64 0.00	30.58 1.79 0.00	33.31 2.24 0.00	34.63 2.62 0.00	38.45 2.55 0.00	43.05 2.74 0.00	49.12 2.82 0.01	46.76 2.56 0.01	44.19 2.18 0.01	40.67 2.62 0.00	36.78 2.28 0.00	33.13 2.08 0.00	29.33 1.71 0.00
ASTORIA_GT2_1 24094	27.88 1.28 0.00	26.51 1.19 0.00	24.00 1.16 0.00	23.94 1.05 0.00	24.04 1.06 0.00	24.83 1.02 0.00	25.16 1.04 0.00	25.34 1.16 0.00	26.08 1.17 0.00	26.06 1.05 0.00	27.39 1.50 0.00	29.02 1.64 0.00	30.61 1.81 0.00	33.34 2.27 0.00	34.66 2.66 0.00	38.52 2.62 0.00	43.13 2.82 0.00	49.17 2.87 0.00	46.81 2.61 0.00	44.24 2.23 0.00	40.67 2.63 0.00	36.82 2.31 0.00	33.19 2.14 0.00	29.33 1.71 0.00
ASTORIA_GT2_2 24095	27.88 1.28 0.00	26.51 1.19 0.00	24.00 1.16 0.00	23.94 1.05 0.00	24.04 1.06 0.00	24.83 1.02 0.00	25.16 1.04 0.00	25.34 1.16 0.00	26.08 1.17 0.00	26.06 1.05 0.00	27.39 1.50 0.00	29.02 1.64 0.00	30.61 1.81 0.00	33.34 2.27 0.00	34.66 2.66 0.00	38.52 2.62 0.00	43.13 2.82 0.00	49.17 2.87 0.00	46.81 2.61 0.00	44.24 2.23 0.00	40.67 2.63 0.00	36.82 2.31 0.00	33.19 2.14 0.00	29.33 1.71 0.00
ASTORIA_GT2_3 24096	27.88 1.28 0.00	26.51 1.19 0.00	24.00 1.16 0.00	23.94 1.05 0.00	24.04 1.06 0.00	24.83 1.02 0.00	25.16 1.04 0.00	25.34 1.16 0.00	26.08 1.17 0.00	26.06 1.05 0.00	27.39 1.50 0.00	29.02 1.64 0.00	30.61 1.81 0.00	33.34 2.27 0.00	34.66 2.66 0.00	38.52 2.62 0.00	43.13 2.82 0.00	49.17 2.87 0.00	46.81 2.61 0.00	44.24 2.23 0.00	40.67 2.63 0.00	36.82 2.31 0.00	33.19 2.14 0.00	29.33 1.71 0.00
ASTORIA_GT2_4 24097	27.88 1.28 0.00	26.51 1.19 0.00	24.00 1.16 0.00	23.94 1.05 0.00	24.04 1.06 0.00	24.83 1.02 0.00	25.16 1.04 0.00	25.34 1.16 0.00	26.08 1.17 0.00	26.06 1.05 0.00	27.39 1.50 0.00	29.02 1.64 0.00	30.61 1.81 0.00	33.34 2.27 0.00	34.66 2.66 0.00	38.52 2.62 0.00	43.13 2.82 0.00	49.17 2.87 0.00	46.81 2.61 0.00	44.24 2.23 0.00	40.67 2.63 0.00	36.82 2.31 0.00	33.19 2.14 0.00	29.33 1.71 0.00
ASTORIA_GT3_1 24098	27.88 1.28 0.00	26.51 1.19 0.00	24.00 1.16 0.00	23.94 1.05 0.00	24.04 1.06 0.00	24.83 1.02 0.00	25.16 1.04 0.00	25.34 1.16 0.00	26.08 1.17 0.00	26.06 1.05 0.00	27.39 1.50 0.00	29.02 1.64 0.00	30.61 1.81 0.00	33.34 2.27 0.00	34.66 2.66 0.00	38.52 2.62 0.00	43.13 2.82 0.00	49.17 2.87 0.00	46.81 2.61 0.00	44.24 2.23 0.00	40.67 2.63 0.00	36.82 2.31 0.00	33.19 2.14 0.00	29.33 1.71 0.00
ASTORIA_GT3_2 24099	27.88 1.28 0.00	26.51 1.19 0.00	24.00 1.16 0.00	23.94 1.05 0.00	24.04 1.06 0.00	24.83 1.02 0.00	25.16 1.04 0.00	25.34 1.16 0.00	26.08 1.17 0.00	26.06 1.05 0.00	27.39 1.50 0.00	29.02 1.64 0.00	30.61 1.81 0.00	33.34 2.27 0.00	34.66 2.66 0.00	38.52 2.62 0.00	43.13 2.82 0.00	49.17 2.87 0.00	46.81 2.61 0.00	44.24 2.23 0.00	40.67 2.63 0.00	36.82 2.31 0.00	33.19 2.14 0.00	29.33 1.71 0.00
ASTORIA_GT3_3 24100	27.88 1.28 0.00	26.51 1.19 0.00	24.00 1.16 0.00	23.94 1.05 0.00	24.04 1.06 0.00	24.83 1.02 0.00	25.16 1.04 0.00	25.34 1.16 0.00	26.08 1.17 0.00	26.06 1.05 0.00	27.39 1.50 0.00	29.02 1.64 0.00	30.61 1.81 0.00	33.34 2.27 0.00	34.66 2.66 0.00	38.52 2.62 0.00	43.13 2.82 0.00	49.17 2.87 0.00	46.81 2.61 0.00	44.24 2.23 0.00	40.67 2.63 0.00	36.82 2.31 0.00	33.19 2.14 0.00	29.33 1.71 0.00
ASTORIA_GT3_4 24101	27.88 1.28 0.00	26.51 1.19 0.00	24.00 1.16 0.00	23.94 1.05 0.00	24.04 1.06 0.00	24.83 1.02 0.00	25.16 1.04 0.00	25.34 1.16 0.00	26.08 1.17 0.00	26.06 1.05 0.00	27.39 1.50 0.00	29.02 1.64 0.00	30.61 1.81 0.00	33.34 2.27 0.00	34.66 2.66 0.00	38.52 2.62 0.00	43.13 2.82 0.00	49.17 2.87 0.00	46.81 2.61 0.00	44.24 2.23 0.00	40.67 2.63 0.00	36.82 2.31 0.00	33.19 2.14 0.00	29.33 1.71 0.00
ASTORIA_GT4_1 24102	27.88 1.28 0.00	26.51 1.19 0.00	24.00 1.16 0.00	23.94 1.05 0.00	24.04 1.06 0.00	24.83 1.02 0.00	25.16 1.04 0.00	25.34 1.16 0.00	26.08 1.17 0.00	26.06 1.05 0.00	27.39 1.50 0.00	29.02 1.64 0.00	30.61 1.81 0.00	33.34 2.27 0.00	34.66 2.66 0.00	38.52 2.62 0.00	43.13 2.82 0.00	49.17 2.87 0.00	46.81 2.61 0.00	44.24 2.23 0.00	40.67 2.63 0.00	36.82 2.31 0.00	33.19 2.14 0.00	29.33 1.71 0.00
ASTORIA_GT4_2 24103	27.88 1.28 0.00	26.51 1.19 0.00	24.00 1.16 0.00	23.94 1.05 0.00	24.04 1.06 0.00	24.83 1.02 0.00	25.16 1.04 0.00	25.34 1.16 0.00	26.08 1.17 0.00	26.06 1.05 0.00	27.39 1.50 0.00	29.02 1.64 0.00	30.61 1.81 0.00	33.34 2.27 0.00	34.66 2.66 0.00	38.52 2.62 0.00	43.13 2.82 0.00	49.17 2.87 0.00	46.81 2.61 0.00	44.24 2.23 0.00	40.67 2.63 0.00	36.82 2.31 0.00	33.19 2.14 0.00	29.33 1.71 0.00
ASTORIA_GT4_3 24104	27.88 1.28 0.00	26.51 1.19 0.00	24.00 1.16 0.00	23.94 1.05 0.00	24.04 1.06 0.00	24.83 1.02 0.00	25.16 1.04 0.00	25.34 1.16 0.00	26.08 1.17 0.00	26.06 1.05 0.00	27.39 1.50 0.00	29.02 1.64 0.00	30.61 1.81 0.00	33.34 2.27 0.00	34.66 2.66 0.00	38.52 2.62 0.00	43.13 2.82 0.00	49.17 2.87 0.00	46.81 2.61 0.00	44.24 2.23 0.00	40.67 2.63 0.00	36.82 2.31 0.00	33.19 2.14 0.00	29.33 1.71 0.00



ASTORIA_GT4_4 24105	27.88 1.28 0.00	26.51 1.19 0.00	24.00 1.16 0.00	23.94 1.05 0.00	24.04 1.06 0.00	24.83 1.02 0.00	25.16 1.04 0.00	25.34 1.16 0.00	26.08 1.17 0.00	26.06 1.05 0.00	27.39 1.50 0.00	29.02 1.64 0.00	30.61 1.81 0.00	33.34 2.27 0.00	34.66 2.66 0.00	38.52 2.62 0.00	43.13 2.82 0.00	49.17 2.87 0.00	46.81 2.61 0.00	44.24 2.23 0.00	40.67 2.63 0.00	36.82 2.31 0.00	33.19 2.14 0.00	29.33 1.71 0.00
ASTORIA_GT_1 23523	27.93 1.33 0.00	26.56 1.24 0.00	24.05 1.21 0.00	23.99 1.10 0.00	24.07 1.08 0.00	24.85 1.05 0.00	25.18 1.06 0.00	25.39 1.21 0.00	26.12 1.22 0.01	26.13 1.13 0.01	27.44 1.55 0.00	29.08 1.70 0.00	30.64 1.84 0.00	33.41 2.33 0.00	34.72 2.72 0.00	38.56 2.66 0.00	43.17 2.86 0.00	49.26 2.97 0.01	46.89 2.70 0.01	44.31 2.31 0.01	40.79 2.74 0.00	36.88 2.38 0.00	33.22 2.17 0.00	29.39 1.77 0.00
ASTORIA_GT_10 24110	27.85 1.25 0.00	26.43 1.11 0.00	23.89 1.05 0.00	23.85 0.96 0.00	23.93 0.94 0.00	24.73 0.93 0.00	25.13 1.01 0.00	25.34 1.16 0.00	26.13 1.22 0.00	26.11 1.10 0.00	27.42 1.53 0.00	29.02 1.64 0.00	30.58 1.79 0.00	33.25 2.18 0.00	34.57 2.56 0.00	38.52 2.62 0.00	43.21 2.90 0.00	49.31 3.01 0.00	46.94 2.74 0.00	44.36 2.35 0.00	40.71 2.66 0.00	36.85 2.35 0.00	33.10 2.05 0.00	29.27 1.66 0.00
ASTORIA_GT_11 24225	27.85 1.25 0.00	26.43 1.11 0.00	23.89 1.05 0.00	23.85 0.96 0.00	23.93 0.94 0.00	24.73 0.93 0.00	25.13 1.01 0.00	25.34 1.16 0.00	26.13 1.22 0.00	26.11 1.10 0.00	27.42 1.53 0.00	29.02 1.64 0.00	30.58 1.79 0.00	33.25 2.18 0.00	34.57 2.56 0.00	38.52 2.62 0.00	43.21 2.90 0.00	49.31 3.01 0.00	46.94 2.74 0.00	44.36 2.35 0.00	40.71 2.66 0.00	36.85 2.35 0.00	33.10 2.05 0.00	29.27 1.66 0.00
ASTORIA_GT_12 24226	27.85 1.25 0.00	26.43 1.11 0.00	23.89 1.05 0.00	23.85 0.96 0.00	23.93 0.94 0.00	24.73 0.93 0.00	25.13 1.01 0.00	25.34 1.16 0.00	26.13 1.22 0.00	26.11 1.10 0.00	27.42 1.53 0.00	29.02 1.64 0.00	30.58 1.79 0.00	33.25 2.18 0.00	34.57 2.56 0.00	38.52 2.62 0.00	43.21 2.90 0.00	49.31 3.01 0.00	46.94 2.74 0.00	44.36 2.35 0.00	40.71 2.66 0.00	36.85 2.35 0.00	33.10 2.05 0.00	29.27 1.66 0.00
ASTORIA_GT_13 24227	27.85 1.25 0.00	26.43 1.11 0.00	23.89 1.05 0.00	23.85 0.96 0.00	23.93 0.94 0.00	24.73 0.93 0.00	25.13 1.01 0.00	25.34 1.16 0.00	26.13 1.22 0.00	26.11 1.10 0.00	27.42 1.53 0.00	29.02 1.64 0.00	30.58 1.79 0.00	33.25 2.18 0.00	34.57 2.56 0.00	38.52 2.62 0.00	43.21 2.90 0.00	49.31 3.01 0.00	46.94 2.74 0.00	44.36 2.35 0.00	40.71 2.66 0.00	36.85 2.35 0.00	33.10 2.05 0.00	29.27 1.66 0.00
ASTORIA_GT_5 24106	27.93 1.33 0.00	26.56 1.24 0.00	24.05 1.21 0.00	23.99 1.10 0.00	24.07 1.08 0.00	24.85 1.05 0.00	25.18 1.06 0.00	25.39 1.21 0.00	26.13 1.22 0.00	26.11 1.10 0.00	27.44 1.55 0.00	29.08 1.70 0.00	30.66 1.87 0.00	33.41 2.33 0.00	34.73 2.72 0.00	38.60 2.69 0.00	43.21 2.90 0.00	49.31 3.01 0.00	46.90 2.70 0.00	44.32 2.31 0.00	40.75 2.70 0.00	36.89 2.38 0.00	33.25 2.20 0.00	29.38 1.77 0.00
ASTORIA_GT_7 24107	27.93 1.33 0.00	26.56 1.24 0.00	24.05 1.21 0.00	23.99 1.10 0.00	24.07 1.08 0.00	24.85 1.05 0.00	25.18 1.06 0.00	25.39 1.21 0.00	26.13 1.22 0.00	26.11 1.10 0.00	27.44 1.55 0.00	29.08 1.70 0.00	30.66 1.87 0.00	33.41 2.33 0.00	34.73 2.72 0.00	38.60 2.69 0.00	43.21 2.90 0.00	49.31 3.01 0.00	46.90 2.70 0.00	44.32 2.31 0.00	40.75 2.70 0.00	36.89 2.38 0.00	33.25 2.20 0.00	29.38 1.77 0.00
ASTORIA_GT_8 24108	27.93 1.33 0.00	26.56 1.24 0.00	24.05 1.21 0.00	23.99 1.10 0.00	24.07 1.08 0.00	24.85 1.05 0.00	25.18 1.06 0.00	25.39 1.21 0.00	26.13 1.22 0.00	26.11 1.10 0.00	27.44 1.55 0.00	29.08 1.70 0.00	30.66 1.87 0.00	33.41 2.33 0.00	34.73 2.72 0.00	38.60 2.69 0.00	43.21 2.90 0.00	49.31 3.01 0.00	46.90 2.70 0.00	44.32 2.31 0.00	40.75 2.70 0.00	36.89 2.38 0.00	33.25 2.20 0.00	29.38 1.77 0.00
ASTORIA___2 24149	27.88 1.28 0.00	26.51 1.19 0.00	24.00 1.16 0.00	23.94 1.05 0.00	24.04 1.06 0.00	24.80 1.00 0.00	25.16 1.04 0.00	25.34 1.16 0.00	26.07 1.17 0.01	26.08 1.07 0.01	27.39 1.50 0.00	29.02 1.64 0.00	30.58 1.79 0.00	33.34 2.27 0.00	34.63 2.62 0.00	38.49 2.59 0.00	43.09 2.78 0.00	49.17 2.87 0.01	46.80 2.61 0.01	44.23 2.23 0.01	40.67 2.62 0.00	36.82 2.31 0.00	33.16 2.11 0.00	29.33 1.71 0.00
ASTORIA___3 23516	27.85 1.25 0.00	26.43 1.11 0.00	23.89 1.05 0.00	23.85 0.96 0.00	23.93 0.94 0.00	24.73 0.93 0.00	25.13 1.01 0.00	25.34 1.16 0.00	26.13 1.22 0.00	26.14 1.13 0.00	27.42 1.53 0.00	29.02 1.64 0.00	30.55 1.76 0.00	33.25 2.17 0.00	34.57 2.56 0.00	38.49 2.59 0.00	43.17 2.86 0.00	49.31 3.01 0.00	46.94 2.74 0.00	44.36 2.35 0.00	40.67 2.62 0.00	36.85 2.35 0.00	33.07 2.02 0.00	29.27 1.66 0.00
ASTORIA___4 23517	27.85 1.25 0.00	26.43 1.11 0.00	23.89 1.05 0.00	23.85 0.96 0.00	23.93 0.94 0.00	24.73 0.93 0.00	25.13 1.01 0.00	25.34 1.16 0.00	26.13 1.22 0.00	26.11 1.10 0.00	27.42 1.53 0.00	29.02 1.64 0.00	30.58 1.79 0.00	33.25 2.18 0.00	34.57 2.56 0.00	38.52 2.62 0.00	43.21 2.90 0.00	49.31 3.01 0.00	46.90 2.70 0.00	44.36 2.35 0.00	40.71 2.66 0.00	36.85 2.35 0.00	33.10 2.05 0.00	29.27 1.66 0.00
ASTORIA___5 23518	27.85 1.25 0.00	26.43 1.11 0.00	23.89 1.05 0.00	23.85 0.96 0.00	23.93 0.94 0.00	24.73 0.93 0.00	25.13 1.01 0.00	25.34 1.16 0.00	26.13 1.22 0.00	26.14 1.13 0.00	27.42 1.53 0.00	29.02 1.64 0.00	30.55 1.76 0.00	33.25 2.17 0.00	34.57 2.56 0.00	38.49 2.59 0.00	43.17 2.86 0.00	49.31 3.01 0.00	46.94 2.74 0.00	44.36 2.35 0.00	40.67 2.62 0.00	36.85 2.35 0.00	33.07 2.02 0.00	29.27 1.66 0.00
AST_ENERGY_2_CC3 323677	27.77 1.17 0.00	26.35 1.04 0.00	23.79 0.96 0.00	23.78 0.89 0.00	23.86 0.87 0.00	24.66 0.86 0.00	25.09 0.97 0.00	25.29 1.11 0.00	26.08 1.17 0.00	26.09 1.07 0.00	27.36 1.47 0.00	28.97 1.59 0.00	30.49 1.70 0.00	33.16 2.08 0.00	34.44 2.43 0.00	38.42 2.51 0.00	43.17 2.86 0.00	49.36 3.06 0.00	46.94 2.74 0.00	44.40 2.39 0.00	40.60 2.55 0.00	36.78 2.28 0.00	32.97 1.93 0.00	29.19 1.57 0.00
AST_ENERGY_2_CC4 323678	27.77 1.17 0.00	26.35 1.04 0.00	23.79 0.96 0.00	23.78 0.89 0.00	23.86 0.87 0.00	24.66 0.86 0.00	25.09 0.97 0.00	25.29 1.11 0.00	26.08 1.17 0.00	26.09 1.07 0.00	27.36 1.47 0.00	28.97 1.59 0.00	30.49 1.70 0.00	33.16 2.08 0.00	34.44 2.43 0.00	38.42 2.51 0.00	43.17 2.86 0.00	49.36 3.06 0.00	46.94 2.74 0.00	44.40 2.39 0.00	40.60 2.55 0.00	36.78 2.28 0.00	32.97 1.93 0.00	29.19 1.57 0.00



ATHENS_STG_1 23668	27.11 0.50 0.00	25.75 0.43 0.00	23.27 0.43 0.00	23.32 0.43 0.00	23.40 0.41 0.00	24.23 0.43 0.00	24.55 0.43 0.00	24.66 0.48 0.00	25.36 0.45 0.00	25.31 0.30 0.00	26.41 0.52 0.00	27.93 0.55 0.00	29.40 0.61 0.00	31.85 0.78 0.00	33.00 0.99 0.00	36.95 1.04 0.00	41.56 1.25 0.00	47.65 1.34 0.00	45.39 1.19 0.00	43.19 1.17 0.00	39.23 1.18 0.00	35.54 1.03 0.00	31.92 0.87 0.00	28.39 0.77 0.00
ATHENS_STG_2 23670	27.11 0.50 0.00	25.75 0.43 0.00	23.27 0.43 0.00	23.32 0.43 0.00	23.40 0.41 0.00	24.23 0.43 0.00	24.55 0.43 0.00	24.66 0.48 0.00	25.36 0.45 0.00	25.31 0.30 0.00	26.41 0.52 0.00	27.93 0.55 0.00	29.40 0.61 0.00	31.85 0.78 0.00	33.00 0.99 0.00	36.95 1.04 0.00	41.56 1.25 0.00	47.65 1.34 0.00	45.39 1.19 0.00	43.19 1.17 0.00	39.23 1.18 0.00	35.54 1.03 0.00	31.92 0.87 0.00	28.39 0.77 0.00
ATHENS_STG_3 23677	27.11 0.50 0.00	25.75 0.43 0.00	23.27 0.43 0.00	23.32 0.43 0.00	23.40 0.41 0.00	24.23 0.43 0.00	24.55 0.43 0.00	24.66 0.48 0.00	25.36 0.45 0.00	25.31 0.30 0.00	26.41 0.52 0.00	27.93 0.55 0.00	29.40 0.61 0.00	31.85 0.78 0.00	33.00 0.99 0.00	36.95 1.04 0.00	41.56 1.25 0.00	47.65 1.34 0.00	45.39 1.19 0.00	43.19 1.17 0.00	39.23 1.18 0.00	35.54 1.03 0.00	31.92 0.87 0.00	28.39 0.77 0.00
AUBURN___LFGE 323710	26.71 0.11 0.00	25.39 0.08 0.00	22.81 -0.02 0.00	22.87 -0.02 0.00	22.96 -0.02 0.00	23.78 -0.02 0.00	24.14 0.02 0.00	24.18 0.00 0.00	24.76 -0.15 0.00	25.11 0.10 0.00	25.81 -0.08 0.00	27.38 0.00 0.00	28.79 0.00 0.00	31.17 0.09 0.00	32.17 0.16 0.00	36.23 0.32 0.00	40.55 0.24 0.00	46.72 0.42 0.00	44.73 0.53 0.00	42.39 0.38 0.00	38.28 0.23 0.00	34.64 0.14 0.00	31.14 0.09 0.00	27.67 0.06 0.00
BABYLON_RES_REC 323704	28.33 1.73 0.00	26.76 1.44 0.00	24.11 1.28 0.00	24.05 1.17 0.00	24.11 1.13 0.00	24.97 1.17 0.00	25.49 1.37 0.00	25.53 1.35 0.00	26.40 1.49 0.00	26.36 1.35 0.00	29.23 1.92 -1.43	32.06 2.03 -2.65	33.03 2.16 -2.08	34.43 2.61 -0.74	34.98 2.98 0.00	38.71 2.80 0.00	43.41 3.10 0.00	49.82 3.52 0.00	52.00 3.32 -4.48	44.57 2.56 0.00	40.56 2.51 0.00	37.92 2.69 -0.73	33.80 2.51 -0.24	32.67 2.10 -2.95
BABYLON__69_KV_BK2 356345	28.62 2.02 0.00	27.01 1.70 0.00	24.32 1.48 0.00	24.28 1.40 0.00	24.32 1.33 0.00	25.19 1.38 0.00	25.74 1.62 0.00	25.75 1.57 0.00	26.63 1.72 0.00	26.61 1.60 0.00	29.53 2.23 -1.42	32.38 2.35 -2.65	33.40 2.53 -2.07	34.82 3.01 -0.73	35.46 3.46 0.00	39.60 3.70 0.00	44.70 4.39 0.00	51.21 4.91 0.00	53.18 4.51 -4.47	45.67 3.65 0.00	41.51 3.46 0.00	38.60 3.38 -0.72	34.17 2.89 -0.23	32.94 2.38 -2.94
BALL_HILL_WT_PWR 323825	26.10 -0.51 0.00	24.66 -0.66 0.00	22.10 -0.73 0.00	22.09 -0.80 0.00	22.20 -0.78 0.00	23.11 -0.69 0.00	23.54 -0.58 0.00	23.74 -0.43 0.00	24.21 -0.70 0.00	25.04 0.03 0.00	25.76 -0.13 0.00	27.62 0.25 0.00	28.82 0.03 0.00	31.30 0.22 0.00	32.14 0.13 0.00	36.48 0.57 0.00	39.95 -0.32 0.03	43.71 -1.48 1.11	42.65 -1.06 0.48	39.37 -1.55 1.09	35.59 -2.06 0.40	32.46 -1.69 0.36	29.87 -1.15 0.03	26.95 -0.66 0.00
BARON_WINDS___WT_PWR 323822	26.34 -0.27 0.00	24.94 -0.38 0.00	22.38 -0.46 0.00	22.36 -0.53 0.00	22.48 -0.51 0.00	23.35 -0.45 0.00	23.76 -0.36 0.00	23.96 -0.22 0.00	24.46 -0.45 0.00	25.06 0.05 0.00	25.79 -0.10 0.00	27.54 0.17 0.00	28.79 0.00 0.00	31.20 0.12 0.00	32.20 0.19 0.00	36.37 0.47 0.00	40.20 -0.08 0.02	44.80 -0.69 0.81	43.45 -0.40 0.35	40.42 -0.80 0.79	36.61 -1.14 0.29	33.31 -0.93 0.26	30.44 -0.59 0.02	27.31 -0.30 0.00
BARRETT_IC_1 23704	28.12 1.52 0.00	26.58 1.27 0.00	23.98 1.14 0.00	23.92 1.03 0.00	24.00 1.01 0.00	24.83 1.02 0.00	25.30 1.18 0.00	25.39 1.21 0.00	26.25 1.34 0.00	26.24 1.23 0.00	29.07 1.76 -1.43	31.92 1.89 -2.65	32.85 1.99 -2.08	34.18 2.36 -0.74	34.69 2.69 0.00	38.52 2.62 0.00	43.25 2.94 0.00	49.49 3.19 0.00	51.69 3.01 -4.48	44.40 2.39 0.00	40.45 2.40 0.00	37.72 2.49 -0.73	33.53 2.24 -0.24	32.47 1.90 -2.95
BARRETT_IC_10 23701	28.12 1.52 0.00	26.58 1.27 0.00	23.98 1.14 0.00	23.92 1.03 0.00	24.00 1.01 0.00	24.83 1.02 0.00	25.30 1.18 0.00	25.39 1.21 0.00	26.25 1.34 0.00	26.24 1.23 0.00	29.07 1.76 -1.43	31.92 1.89 -2.65	32.85 1.99 -2.08	34.18 2.36 -0.74	34.69 2.69 0.00	38.52 2.62 0.00	43.25 2.94 0.00	49.49 3.19 0.00	51.69 3.01 -4.48	44.40 2.39 0.00	40.45 2.40 0.00	37.72 2.49 -0.73	33.53 2.24 -0.24	32.47 1.90 -2.95
BARRETT_IC_11 23702	28.12 1.52 0.00	26.58 1.27 0.00	23.98 1.14 0.00	23.92 1.03 0.00	24.00 1.01 0.00	24.83 1.02 0.00	25.30 1.18 0.00	25.39 1.21 0.00	26.25 1.34 0.00	26.24 1.23 0.00	29.07 1.76 -1.43	31.92 1.89 -2.65	32.85 1.99 -2.08	34.18 2.36 -0.74	34.69 2.69 0.00	38.52 2.62 0.00	43.25 2.94 0.00	49.49 3.19 0.00	51.69 3.01 -4.48	44.40 2.39 0.00	40.45 2.40 0.00	37.72 2.49 -0.73	33.53 2.24 -0.24	32.47 1.90 -2.95
BARRETT_IC_12 23703	28.12 1.52 0.00	26.58 1.27 0.00	23.98 1.14 0.00	23.92 1.03 0.00	24.00 1.01 0.00	24.83 1.02 0.00	25.30 1.18 0.00	25.39 1.21 0.00	26.25 1.34 0.00	26.24 1.23 0.00	29.07 1.76 -1.43	31.92 1.89 -2.65	32.85 1.99 -2.08	34.18 2.36 -0.74	34.69 2.69 0.00	38.52 2.62 0.00	43.25 2.94 0.00	49.49 3.19 0.00	51.69 3.01 -4.48	44.40 2.39 0.00	40.45 2.40 0.00	37.72 2.49 -0.73	33.53 2.24 -0.24	32.47 1.90 -2.95
BARRETT_IC_2 23705	28.12 1.52 0.00	26.58 1.27 0.00	23.98 1.14 0.00	23.92 1.03 0.00	24.00 1.01 0.00	24.83 1.02 0.00	25.30 1.18 0.00	25.39 1.21 0.00	26.25 1.34 0.00	26.24 1.23 0.00	29.07 1.76 -1.43	31.92 1.89 -2.65	32.85 1.99 -2.08	34.18 2.36 -0.74	34.69 2.69 0.00	38.52 2.62 0.00	43.25 2.94 0.00	49.49 3.19 0.00	51.69 3.01 -4.48	44.40 2.39 0.00	40.45 2.40 0.00	37.72 2.49 -0.73	33.53 2.24 -0.24	32.47 1.90 -2.95
BARRETT_IC_3 23706	28.12 1.52 0.00	26.58 1.27 0.00	23.98 1.14 0.00	23.92 1.03 0.00	24.00 1.01 0.00	24.83 1.02 0.00	25.30 1.18 0.00	25.39 1.21 0.00	26.25 1.34 0.00	26.24 1.23 0.00	29.07 1.76 -1.43	31.92 1.89 -2.65	32.85 1.99 -2.08	34.18 2.36 -0.74	34.69 2.69 0.00	38.52 2.62 0.00	43.25 2.94 0.00	49.49 3.19 0.00	51.69 3.01 -4.48	44.40 2.39 0.00	40.45 2.40 0.00	37.72 2.49 -0.73	33.53 2.24 -0.24	32.47 1.90 -2.95
BARRETT_IC_4 23707	28.12 1.52 0.00	26.58 1.27 0.00	23.98 1.14 0.00	23.92 1.03 0.00	24.00 1.01 0.00	24.83 1.02 0.00	25.30 1.18 0.00	25.39 1.21 0.00	26.25 1.34 0.00	26.24 1.23 0.00	29.07 1.76 -1.43	31.92 1.89 -2.65	32.85 1.99 -2.08	34.18 2.36 -0.74	34.69 2.69 0.00	38.52 2.62 0.00	43.25 2.94 0.00	49.49 3.19 0.00	51.69 3.01 -4.48	44.40 2.39 0.00	40.45 2.40 0.00	37.72 2.49 -0.73	33.53 2.24 -0.24	32.47 1.90 -2.95



BARRETT_IC_5 23708	28.12 1.52 0.00	26.58 1.27 0.00	23.98 1.14 0.00	23.92 1.03 0.00	24.00 1.01 0.00	24.83 1.02 0.00	25.30 1.18 0.00	25.39 1.21 0.00	26.25 1.34 0.00	26.24 1.23 0.00	29.07 1.76 -1.43	31.92 1.89 -2.65	32.85 1.99 -2.08	34.18 2.36 -0.74	34.69 2.69 0.00	38.52 2.62 0.00	43.25 2.94 0.00	49.49 3.19 0.00	51.69 3.01 -4.48	44.40 2.39 0.00	40.45 2.40 0.00	37.72 2.49 -0.73	33.53 2.24 -0.24	32.47 1.90 -2.95
BARRETT_IC_6 23709	28.12 1.52 0.00	26.58 1.27 0.00	23.98 1.14 0.00	23.92 1.03 0.00	24.00 1.01 0.00	24.83 1.02 0.00	25.30 1.18 0.00	25.39 1.21 0.00	26.25 1.34 0.00	26.24 1.23 0.00	29.07 1.76 -1.43	31.92 1.89 -2.65	32.85 1.99 -2.08	34.18 2.36 -0.74	34.69 2.69 0.00	38.52 2.62 0.00	43.25 2.94 0.00	49.49 3.19 0.00	51.69 3.01 -4.48	44.40 2.39 0.00	40.45 2.40 0.00	37.72 2.49 -0.73	33.53 2.24 -0.24	32.47 1.90 -2.95
BARRETT_IC_7 23710	28.12 1.52 0.00	26.58 1.27 0.00	23.95 1.12 0.00	23.92 1.03 0.00	24.00 1.01 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.39 1.21 0.00	26.25 1.35 0.00	26.24 1.23 0.00	29.07 1.76 -1.42	31.91 1.89 -2.65	32.88 2.02 -2.07	34.17 2.36 -0.73	34.69 2.69 0.00	38.60 2.69 0.00	43.37 3.06 0.00	49.59 3.29 0.00	51.63 2.96 -4.47	44.41 2.39 0.00	40.52 2.47 0.00	37.71 2.48 -0.72	33.55 2.27 -0.23	32.47 1.91 -2.94
BARRETT_IC_8 23711	28.12 1.52 0.00	26.58 1.27 0.00	23.98 1.14 0.00	23.92 1.03 0.00	24.00 1.01 0.00	24.83 1.02 0.00	25.30 1.18 0.00	25.39 1.21 0.00	26.25 1.34 0.00	26.24 1.23 0.00	29.07 1.76 -1.43	31.92 1.89 -2.65	32.85 1.99 -2.08	34.18 2.36 -0.74	34.69 2.69 0.00	38.52 2.62 0.00	43.25 2.94 0.00	49.49 3.19 0.00	51.69 3.01 -4.48	44.40 2.39 0.00	40.45 2.40 0.00	37.72 2.49 -0.73	33.53 2.24 -0.24	32.47 1.90 -2.95
BARRETT_IC_9 23700	28.12 1.52 0.00	26.58 1.27 0.00	23.98 1.14 0.00	23.92 1.03 0.00	24.00 1.01 0.00	24.83 1.02 0.00	25.30 1.18 0.00	25.39 1.21 0.00	26.25 1.34 0.00	26.24 1.23 0.00	29.07 1.76 -1.43	31.92 1.89 -2.65	32.85 1.99 -2.08	34.18 2.36 -0.74	34.69 2.69 0.00	38.52 2.62 0.00	43.25 2.94 0.00	49.49 3.19 0.00	51.69 3.01 -4.48	44.40 2.39 0.00	40.45 2.40 0.00	37.72 2.49 -0.73	33.53 2.24 -0.24	32.47 1.90 -2.95
BARRETT___1 23545	28.12 1.52 0.00	26.58 1.27 0.00	23.98 1.14 0.00	23.92 1.03 0.00	24.00 1.01 0.00	24.83 1.02 0.00	25.30 1.18 0.00	25.39 1.21 0.00	26.25 1.34 0.00	26.24 1.23 0.00	29.07 1.76 -1.43	31.92 1.89 -2.65	32.85 1.99 -2.08	34.18 2.36 -0.74	34.69 2.69 0.00	38.52 2.62 0.00	43.25 2.94 0.00	49.49 3.19 0.00	51.69 3.01 -4.48	44.40 2.39 0.00	40.45 2.40 0.00	37.72 2.49 -0.73	33.53 2.24 -0.24	32.47 1.90 -2.95
BARRETT___2 23546	28.12 1.52 0.00	26.58 1.27 0.00	23.98 1.14 0.00	23.92 1.03 0.00	24.00 1.01 0.00	24.83 1.02 0.00	25.30 1.18 0.00	25.39 1.21 0.00	26.25 1.34 0.00	26.24 1.23 0.00	29.07 1.76 -1.43	31.92 1.89 -2.65	32.85 1.99 -2.08	34.18 2.36 -0.74	34.69 2.69 0.00	38.52 2.62 0.00	43.25 2.94 0.00	49.49 3.19 0.00	51.69 3.01 -4.48	44.40 2.39 0.00	40.45 2.40 0.00	37.72 2.49 -0.73	33.53 2.24 -0.24	32.47 1.90 -2.95
BATAVIA__115KV_TB1 55881	26.15 -0.45 0.00	24.81 -0.51 0.00	22.17 -0.66 0.00	22.11 -0.78 0.00	22.21 -0.78 0.00	23.04 -0.76 0.00	23.52 -0.60 0.00	23.48 -0.70 0.00	23.91 -1.00 0.00	24.79 -0.23 0.00	25.34 -0.54 0.00	27.19 -0.19 0.00	28.45 -0.35 0.00	30.89 -0.19 0.00	31.72 -0.29 0.00	36.01 0.11 0.00	39.83 -0.44 0.03	44.13 -0.93 1.24	43.13 -0.53 0.54	39.99 -0.80 1.22	36.41 -1.18 0.45	33.00 -1.10 0.40	29.99 -1.02 0.03	27.06 -0.55 0.00
BAYONEEC___CTG1 323682	27.80 1.20 0.00	26.35 1.04 0.00	23.79 0.96 0.00	23.78 0.89 0.00	23.86 0.87 0.00	24.66 0.86 0.00	25.11 0.99 0.00	25.31 1.14 0.00	26.10 1.20 0.00	26.08 1.07 0.00	27.39 1.50 0.00	28.99 1.61 0.00	30.52 1.73 0.00	33.21 2.14 0.00	34.50 2.50 0.00	38.49 2.59 0.00	43.17 2.86 0.00	47.98 3.06 1.38	46.94 2.74 0.00	44.40 2.39 0.00	40.67 2.62 0.00	36.81 2.31 0.00	33.00 1.96 0.00	29.21 1.60 0.00
BAYONEEC___CTG10 323750	27.80 1.20 0.00	26.35 1.04 0.00	23.79 0.96 0.00	23.78 0.89 0.00	23.86 0.87 0.00	24.66 0.86 0.00	25.11 0.99 0.00	25.31 1.14 0.00	26.10 1.20 0.00	26.08 1.07 0.00	27.39 1.50 0.00	28.99 1.61 0.00	30.52 1.73 0.00	33.21 2.14 0.00	34.50 2.50 0.00	38.49 2.59 0.00	43.17 2.86 0.00	47.98 3.06 1.38	46.94 2.74 0.00	44.40 2.39 0.00	40.67 2.62 0.00	36.81 2.31 0.00	33.00 1.96 0.00	29.21 1.60 0.00
BAYONEEC___CTG2 323683	27.80 1.20 0.00	26.35 1.04 0.00	23.79 0.96 0.00	23.78 0.89 0.00	23.86 0.87 0.00	24.66 0.86 0.00	25.11 0.99 0.00	25.31 1.14 0.00	26.10 1.20 0.00	26.08 1.07 0.00	27.39 1.50 0.00	28.99 1.61 0.00	30.52 1.73 0.00	33.21 2.14 0.00	34.50 2.50 0.00	38.49 2.59 0.00	43.17 2.86 0.00	47.98 3.06 1.38	46.94 2.74 0.00	44.40 2.39 0.00	40.67 2.62 0.00	36.81 2.31 0.00	33.00 1.96 0.00	29.21 1.60 0.00
BAYONEEC___CTG3 323684	27.80 1.20 0.00	26.35 1.04 0.00	23.79 0.96 0.00	23.78 0.89 0.00	23.86 0.87 0.00	24.66 0.86 0.00	25.11 0.99 0.00	25.31 1.14 0.00	26.10 1.20 0.00	26.08 1.07 0.00	27.39 1.50 0.00	28.99 1.61 0.00	30.52 1.73 0.00	33.21 2.14 0.00	34.50 2.50 0.00	38.49 2.59 0.00	43.17 2.86 0.00	47.98 3.06 1.38	46.94 2.74 0.00	44.40 2.39 0.00	40.67 2.62 0.00	36.81 2.31 0.00	33.00 1.96 0.00	29.21 1.60 0.00
BAYONEEC___CTG4 323685	27.80 1.20 0.00	26.35 1.04 0.00	23.79 0.96 0.00	23.78 0.89 0.00	23.86 0.87 0.00	24.66 0.86 0.00	25.11 0.99 0.00	25.31 1.14 0.00	26.10 1.20 0.00	26.08 1.07 0.00	27.39 1.50 0.00	28.99 1.61 0.00	30.52 1.73 0.00	33.21 2.14 0.00	34.50 2.50 0.00	38.49 2.59 0.00	43.17 2.86 0.00	47.98 3.06 1.38	46.94 2.74 0.00	44.40 2.39 0.00	40.67 2.62 0.00	36.81 2.31 0.00	33.00 1.96 0.00	29.21 1.60 0.00
BAYONEEC___CTG5 323686	27.80 1.20 0.00	26.35 1.04 0.00	23.79 0.96 0.00	23.78 0.89 0.00	23.86 0.87 0.00	24.66 0.86 0.00	25.11 0.99 0.00	25.31 1.14 0.00	26.10 1.20 0.00	26.08 1.07 0.00	27.39 1.50 0.00	28.99 1.61 0.00	30.52 1.73 0.00	33.21 2.14 0.00	34.50 2.50 0.00	38.49 2.59 0.00	43.17 2.86 0.00	47.98 3.06 1.38	46.94 2.74 0.00	44.40 2.39 0.00	40.67 2.62 0.00	36.81 2.31 0.00	33.00 1.96 0.00	29.21 1.60 0.00
BAYONEEC___CTG6 323687	27.80 1.20 0.00	26.35 1.04 0.00	23.79 0.96 0.00	23.78 0.89 0.00	23.86 0.87 0.00	24.66 0.86 0.00	25.11 0.99 0.00	25.31 1.14 0.00	26.10 1.20 0.00	26.08 1.07 0.00	27.39 1.50 0.00	28.99 1.61 0.00	30.52 1.73 0.00	33.21 2.14 0.00	34.50 2.50 0.00	38.49 2.59 0.00	43.17 2.86 0.00	47.98 3.06 1.38	46.94 2.74 0.00	44.40 2.39 0.00	40.67 2.62 0.00	36.81 2.31 0.00	33.00 1.96 0.00	29.21 1.60 0.00



BAYONEEC___CTG7 323688	27.80 1.20 0.00	26.35 1.04 0.00	23.79 0.96 0.00	23.78 0.89 0.00	23.86 0.87 0.00	24.66 0.86 0.00	25.11 0.99 0.00	25.31 1.14 0.00	26.10 1.20 0.00	26.08 1.07 0.00	27.39 1.50 0.00	28.99 1.61 0.00	30.52 1.73 0.00	33.21 2.14 0.00	34.50 2.50 0.00	38.49 2.59 0.00	43.17 2.86 0.00	47.98 3.06 1.38	46.94 2.74 0.00	44.40 2.39 0.00	40.67 2.62 0.00	36.81 2.31 0.00	33.00 1.96 0.00	29.21 1.60 0.00
BAYONEEC___CTG8 323689	27.80 1.20 0.00	26.35 1.04 0.00	23.79 0.96 0.00	23.78 0.89 0.00	23.86 0.87 0.00	24.66 0.86 0.00	25.11 0.99 0.00	25.31 1.14 0.00	26.10 1.20 0.00	26.08 1.07 0.00	27.39 1.50 0.00	28.99 1.61 0.00	30.52 1.73 0.00	33.21 2.14 0.00	34.50 2.50 0.00	38.49 2.59 0.00	43.17 2.86 0.00	47.98 3.06 1.38	46.94 2.74 0.00	44.40 2.39 0.00	40.67 2.62 0.00	36.81 2.31 0.00	33.00 1.96 0.00	29.21 1.60 0.00
BAYONEEC___CTG9 323749	27.80 1.20 0.00	26.35 1.04 0.00	23.79 0.96 0.00	23.78 0.89 0.00	23.86 0.87 0.00	24.66 0.86 0.00	25.11 0.99 0.00	25.31 1.14 0.00	26.10 1.20 0.00	26.08 1.07 0.00	27.39 1.50 0.00	28.99 1.61 0.00	30.52 1.73 0.00	33.21 2.14 0.00	34.50 2.50 0.00	38.49 2.59 0.00	43.17 2.86 0.00	47.98 3.06 1.38	46.94 2.74 0.00	44.40 2.39 0.00	40.67 2.62 0.00	36.81 2.31 0.00	33.00 1.96 0.00	29.21 1.60 0.00
BEACON___LESR 323632	27.29 0.69 0.00	25.92 0.61 0.00	23.59 0.75 0.00	23.62 0.73 0.00	23.70 0.71 0.00	24.59 0.78 0.00	24.91 0.79 0.00	25.00 0.82 0.00	25.73 0.82 0.00	25.49 0.47 0.00	26.51 0.62 0.00	27.90 0.52 0.00	29.37 0.58 0.00	31.79 0.72 0.00	32.93 0.93 0.00	36.91 1.00 0.00	41.60 1.29 0.00	47.97 1.66 0.00	45.79 1.59 0.00	43.61 1.60 0.00	39.46 1.41 0.00	35.82 1.31 0.00	32.07 1.02 0.00	28.50 0.88 0.00
BEAVER RIVER___HYD 24048	26.87 0.27 0.00	25.57 0.25 0.00	23.00 0.16 0.00	23.03 0.14 0.00	23.13 0.14 0.00	23.97 0.17 0.00	24.31 0.19 0.00	24.47 0.29 0.00	25.06 0.15 0.00	25.16 0.15 0.00	25.89 0.00 0.00	27.32 -0.05 0.00	28.68 -0.11 0.00	30.95 -0.12 0.00	31.91 -0.10 0.00	35.90 0.00 0.00	40.43 0.12 0.00	46.53 0.23 0.00	44.64 0.44 0.00	42.47 0.46 0.00	38.39 0.34 0.00	34.95 0.45 0.00	31.36 0.31 0.00	27.78 0.17 0.00
BEEBEE_GT_13 23619	26.12 -0.48 0.00	24.83 -0.48 0.00	22.24 -0.59 0.00	22.22 -0.66 0.00	22.32 -0.67 0.00	23.14 -0.67 0.00	23.57 -0.55 0.00	23.45 -0.73 0.00	23.99 -0.92 0.00	24.61 -0.40 0.00	25.22 -0.67 0.00	26.97 -0.41 0.00	28.27 -0.52 0.00	30.67 -0.40 0.00	31.56 -0.45 0.00	35.65 -0.25 0.00	39.79 -0.48 0.04	44.36 -0.60 1.34	43.31 -0.31 0.58	40.15 -0.55 1.31	36.80 -0.76 0.49	33.35 -0.72 0.43	30.17 -0.84 0.04	27.06 -0.55 0.00
BENSHRST_27_KV_BENSHRST_1 355998	28.15 1.54 -0.01	26.69 1.37 -0.01	24.09 1.26 0.00	24.01 1.12 0.00	24.11 1.13 0.00	24.95 1.14 0.00	25.37 1.25 0.00	25.58 1.40 0.00	26.38 1.47 0.00	26.39 1.38 0.00	27.73 1.84 0.00	29.35 1.97 0.00	30.89 2.10 0.00	33.62 2.55 0.00	34.93 2.91 -0.01	38.93 3.02 -0.01	43.77 3.47 0.00	49.96 3.66 0.00	47.52 3.32 0.00	44.91 2.90 0.00	41.20 3.16 0.00	37.23 2.73 0.00	33.44 2.39 0.00	29.58 1.96 0.00
BETHLEHEM___GRP 23843	26.82 0.21 0.00	25.49 0.18 0.00	23.27 0.43 0.00	23.30 0.41 0.00	23.38 0.39 0.00	24.23 0.43 0.00	24.53 0.41 0.00	24.61 0.44 0.00	25.31 0.40 0.00	25.04 0.03 0.00	26.07 0.18 0.00	27.43 0.05 0.00	28.85 0.06 0.00	31.23 0.16 0.00	32.36 0.35 0.00	36.26 0.36 0.00	40.79 0.48 0.00	46.95 0.65 0.00	44.82 0.62 0.00	42.68 0.67 0.00	38.62 0.57 0.00	35.06 0.55 0.00	31.45 0.40 0.00	27.95 0.33 0.00
BETHLEHEM___GS1 323560	26.81 0.21 0.00	25.49 0.18 0.00	23.25 0.41 0.00	23.30 0.41 0.00	23.38 0.39 0.00	24.23 0.43 0.00	24.53 0.41 0.00	24.61 0.44 0.00	25.31 0.40 0.00	25.06 0.05 0.00	26.07 0.18 0.00	27.43 0.05 0.00	28.85 0.06 0.00	31.23 0.16 0.00	32.36 0.35 0.00	36.23 0.32 0.00	40.79 0.49 0.00	46.95 0.65 0.00	44.77 0.57 0.00	42.68 0.67 0.00	38.65 0.61 0.00	35.06 0.55 0.00	31.42 0.37 0.00	27.95 0.33 0.00
BETHLEHEM___GS2 323561	26.81 0.21 0.00	25.49 0.18 0.00	23.25 0.41 0.00	23.30 0.41 0.00	23.38 0.39 0.00	24.23 0.43 0.00	24.53 0.41 0.00	24.61 0.44 0.00	25.31 0.40 0.00	25.06 0.05 0.00	26.07 0.18 0.00	27.43 0.05 0.00	28.85 0.06 0.00	31.23 0.16 0.00	32.36 0.35 0.00	36.23 0.32 0.00	40.79 0.49 0.00	46.95 0.65 0.00	44.77 0.57 0.00	42.68 0.67 0.00	38.65 0.61 0.00	35.06 0.55 0.00	31.42 0.37 0.00	27.95 0.33 0.00
BETHLEHEM___GS3 323562	26.81 0.21 0.00	25.49 0.18 0.00	23.25 0.41 0.00	23.30 0.41 0.00	23.38 0.39 0.00	24.23 0.43 0.00	24.53 0.41 0.00	24.61 0.44 0.00	25.31 0.40 0.00	25.06 0.05 0.00	26.07 0.18 0.00	27.43 0.05 0.00	28.85 0.06 0.00	31.23 0.16 0.00	32.36 0.35 0.00	36.23 0.32 0.00	40.79 0.49 0.00	46.95 0.65 0.00	44.77 0.57 0.00	42.68 0.67 0.00	38.65 0.61 0.00	35.06 0.55 0.00	31.42 0.37 0.00	27.95 0.33 0.00
BETHLEHEM___STEEL 23779	25.99 -0.61 0.00	24.56 -0.76 0.00	22.01 -0.82 0.00	22.00 -0.89 0.00	22.09 -0.90 0.00	22.92 -0.88 0.00	23.42 -0.70 0.00	23.60 -0.58 0.00	24.06 -0.85 0.00	24.91 -0.10 0.00	25.56 -0.34 0.00	27.43 0.05 0.00	28.59 -0.20 0.00	31.08 0.00 0.00	31.91 -0.10 0.00	36.19 0.29 0.00	39.51 -0.77 0.03	43.27 -1.90 1.13	42.07 -1.64 0.49	39.05 -1.85 1.11	35.50 -2.13 0.41	32.21 -1.93 0.37	29.65 -1.37 0.03	26.84 -0.77 0.00
BETHLHEM_115KV_TB1 79974	26.87 0.27 0.00	25.54 0.23 0.00	23.27 0.43 0.00	23.30 0.41 0.00	23.40 0.41 0.00	24.26 0.45 0.00	24.55 0.43 0.00	24.64 0.46 0.00	25.33 0.42 0.00	25.11 0.10 0.00	26.12 0.23 0.00	27.49 0.11 0.00	28.94 0.14 0.00	31.32 0.25 0.00	32.45 0.45 0.00	36.37 0.47 0.00	40.91 0.60 0.00	47.09 0.79 0.00	44.91 0.71 0.00	42.77 0.76 0.00	38.73 0.68 0.00	35.13 0.62 0.00	31.51 0.47 0.00	28.00 0.39 0.00
BETHPAGE_CC_5 323564	28.33 1.73 0.00	26.73 1.42 0.00	24.11 1.28 0.00	24.05 1.17 0.00	24.11 1.13 0.00	24.97 1.17 0.00	25.47 1.35 0.00	25.53 1.35 0.00	26.40 1.49 0.00	26.39 1.37 0.00	29.28 1.97 -1.43	32.11 2.08 -2.65	33.09 2.22 -2.08	34.49 2.67 -0.74	34.98 2.98 0.00	38.88 2.98 0.00	43.73 3.42 0.00	50.14 3.84 0.00	52.31 3.63 -4.48	44.91 2.90 0.00	40.79 2.74 0.00	38.13 2.90 -0.73	33.74 2.45 -0.24	32.61 2.04 -2.95
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	26.07 -0.53 0.00	24.63 -0.68 0.00	22.08 -0.75 0.00	22.04 -0.85 0.00	22.16 -0.83 0.00	22.97 -0.83 0.00	23.49 -0.63 0.00	23.74 -0.44 0.00	24.21 -0.70 0.00	25.06 0.05 0.00	25.71 -0.18 0.00	27.63 0.25 0.00	28.79 0.00 0.00	31.27 0.19 0.00	32.11 0.10 0.00	36.41 0.50 0.00	39.67 -0.60 0.03	43.33 -1.85 1.12	42.12 -1.59 0.49	39.07 -1.85 1.10	35.51 -2.13 0.41	32.21 -1.93 0.36	29.74 -1.27 0.03	26.93 -0.69 0.00



BINGHAMTON___COGEN 23790	26.76 0.16 0.00	25.39 0.08 0.00	22.84 0.00 0.00	22.87 -0.02 0.00	22.99 0.00 0.00	23.80 0.00 0.00	24.17 0.05 0.00	24.32 0.15 0.00	24.91 0.00 0.00	25.24 0.23 0.00	26.07 0.18 0.00	27.65 0.27 0.00	28.99 0.20 0.00	31.42 0.34 0.00	32.49 0.48 0.00	36.51 0.61 0.00	40.70 0.40 0.01	46.27 0.32 0.36	44.40 0.35 0.16	41.87 0.21 0.35	37.99 0.08 0.13	34.46 0.07 0.12	31.16 0.12 0.01	27.78 0.17 0.00
BIXINCNT_115KV_LOAD 355685	26.36 -0.24 0.00	24.89 -0.43 0.00	22.29 -0.55 0.00	22.27 -0.62 0.00	22.39 -0.60 0.00	23.26 -0.55 0.00	23.76 -0.36 0.00	24.30 0.12 0.00	24.76 -0.15 0.00	25.61 0.60 0.00	26.36 0.47 0.00	28.26 0.88 0.00	29.40 0.60 0.00	31.95 0.87 0.00	32.78 0.77 0.00	37.16 1.26 0.00	40.32 0.04 0.03	43.76 -1.48 1.06	42.46 -1.28 0.46	39.42 -1.55 1.04	35.49 -2.17 0.38	32.33 -1.83 0.34	30.12 -0.90 0.03	27.20 -0.41 0.00
BLACK RIVER___HYD 24047	26.98 0.37 0.00	25.64 0.33 0.00	23.04 0.21 0.00	23.07 0.18 0.00	23.15 0.16 0.00	23.99 0.19 0.00	24.36 0.24 0.00	24.52 0.34 0.00	25.03 0.13 0.00	25.19 0.18 0.00	25.84 -0.05 0.00	27.27 -0.11 0.00	28.62 -0.17 0.00	30.92 -0.15 0.00	31.88 -0.13 0.00	35.90 0.00 0.00	40.48 0.16 -0.01	46.92 0.37 -0.24	44.93 0.62 -0.11	42.88 0.63 -0.24	38.59 0.46 -0.09	35.21 0.62 -0.08	31.46 0.40 -0.01	27.84 0.22 0.00
BLACKRVR_115KV_TB2 79977	26.98 0.37 0.00	25.64 0.33 0.00	23.04 0.21 0.00	23.07 0.18 0.00	23.15 0.16 0.00	23.99 0.19 0.00	24.36 0.24 0.00	24.52 0.34 0.00	25.03 0.12 0.00	25.19 0.18 0.00	25.84 -0.05 0.00	27.27 -0.11 0.00	28.62 -0.17 0.00	30.92 -0.16 0.00	31.88 -0.13 0.00	35.90 0.00 0.00	40.48 0.16 -0.01	46.92 0.37 -0.24	44.88 0.57 -0.11	42.88 0.63 -0.24	38.63 0.49 -0.09	35.21 0.62 -0.08	31.37 0.31 -0.01	27.87 0.25 0.00
BLISS_WT_PWR 323608	26.36 -0.24 0.00	24.88 -0.43 0.00	22.29 -0.55 0.00	22.27 -0.62 0.00	22.39 -0.60 0.00	23.35 -0.45 0.00	23.78 -0.34 0.00	24.30 0.12 0.00	24.76 -0.15 0.00	25.61 0.60 0.00	26.38 0.49 0.00	28.28 0.90 0.00	29.46 0.66 0.00	32.01 0.93 0.00	32.84 0.83 0.00	37.27 1.36 0.00	40.56 0.28 0.03	43.86 -1.39 1.06	42.90 -0.84 0.46	39.46 -1.51 1.04	35.30 -2.36 0.38	32.33 -1.83 0.34	30.18 -0.84 0.03	27.23 -0.39 0.00
BLUESTONE___WT_PWR 323821	28.36 1.76 0.00	26.89 1.57 0.00	24.09 1.26 0.00	24.15 1.26 0.00	24.23 1.24 0.00	25.16 1.36 0.00	25.52 1.40 0.00	25.82 1.64 0.00	26.28 1.37 0.00	26.59 1.58 0.00	27.34 1.45 0.00	28.94 1.56 0.00	30.20 1.41 0.00	32.91 1.83 0.00	34.08 2.08 0.00	38.35 2.44 0.00	42.88 2.58 0.01	49.06 3.06 0.30	47.29 3.22 0.13	44.74 3.03 0.29	40.53 2.59 0.11	36.93 2.52 0.10	33.21 2.17 0.01	29.44 1.82 0.00
BLUE_CIRC_CHEM_DRP 24182	27.24 0.64 0.00	25.90 0.58 0.00	23.50 0.66 0.00	23.55 0.66 0.00	23.63 0.64 0.00	24.49 0.69 0.00	24.77 0.65 0.00	24.83 0.65 0.00	25.48 0.57 0.00	25.29 0.28 0.00	26.22 0.34 0.00	27.63 0.25 0.00	29.05 0.26 0.00	31.45 0.37 0.00	32.58 0.58 0.00	36.55 0.65 0.00	41.19 0.89 0.00	47.55 1.25 0.00	45.44 1.24 0.00	43.27 1.26 0.00	39.15 1.10 0.00	35.54 1.04 0.00	31.89 0.84 0.00	28.36 0.75 0.00
BOC_GAS_DRP 24189	27.00 0.40 0.00	25.64 0.33 0.00	23.25 0.41 0.00	23.30 0.41 0.00	23.38 0.39 0.00	24.23 0.43 0.00	24.53 0.41 0.00	24.61 0.44 0.00	25.31 0.40 0.00	25.21 0.20 0.00	26.25 0.36 0.00	27.71 0.33 0.00	29.14 0.35 0.00	31.54 0.47 0.00	32.65 0.64 0.00	36.59 0.68 0.00	41.15 0.85 0.00	47.27 0.97 0.00	45.08 0.88 0.00	42.89 0.88 0.00	38.88 0.84 0.00	35.26 0.76 0.00	31.67 0.62 0.00	28.14 0.52 0.00
BOONVILLE_115KV_TB1 79983	27.27 0.67 0.00	25.92 0.61 0.00	23.32 0.48 0.00	23.37 0.48 0.00	23.45 0.46 0.00	24.33 0.52 0.00	24.65 0.53 0.00	24.81 0.63 0.00	25.43 0.52 0.00	25.59 0.58 0.00	26.35 0.47 0.00	27.82 0.44 0.00	29.17 0.37 0.00	31.60 0.53 0.00	32.61 0.61 0.00	36.66 0.75 0.00	41.15 0.85 0.00	47.41 1.11 0.00	45.35 1.15 0.00	43.15 1.13 0.00	39.04 0.99 0.00	35.51 1.00 0.00	31.79 0.75 0.00	28.25 0.64 0.00
BORALEX_4TH_BRANCH 23824	27.91 1.30 0.00	26.51 1.19 0.00	23.91 1.07 0.00	23.92 1.03 0.00	24.02 1.03 0.00	24.90 1.10 0.00	25.25 1.13 0.00	25.39 1.21 0.00	25.98 1.07 0.00	25.84 0.83 0.00	26.92 1.04 0.00	28.42 1.04 0.00	29.92 1.12 0.00	32.35 1.27 0.00	33.51 1.50 0.00	37.52 1.62 0.00	42.32 2.02 0.00	48.76 2.45 0.00	46.45 2.25 0.00	44.41 2.39 0.00	40.10 2.05 0.00	36.37 1.86 0.00	32.60 1.55 0.00	28.97 1.35 0.00
BOWLINE___1 23526	27.48 0.88 0.00	26.05 0.73 0.00	23.52 0.68 0.00	23.53 0.64 0.00	23.61 0.62 0.00	24.42 0.62 0.00	24.82 0.70 0.00	24.95 0.77 0.00	25.71 0.80 0.00	25.69 0.68 0.00	26.98 1.09 0.00	28.53 1.15 0.00	30.00 1.21 0.00	32.57 1.49 0.00	33.83 1.82 0.00	37.77 1.87 0.00	42.52 2.22 0.00	48.75 2.45 0.00	46.37 2.17 0.00	43.94 1.93 0.00	39.99 1.94 0.00	36.23 1.72 0.00	32.48 1.43 0.00	28.80 1.19 0.00
BOWLINE___2 23595	27.48 0.88 0.00	26.05 0.73 0.00	23.52 0.68 0.00	23.53 0.64 0.00	23.61 0.62 0.00	24.42 0.62 0.00	24.82 0.70 0.00	24.95 0.77 0.00	25.71 0.80 0.00	25.69 0.68 0.00	26.98 1.09 0.00	28.53 1.15 0.00	30.00 1.21 0.00	32.57 1.49 0.00	33.83 1.82 0.00	37.77 1.87 0.00	42.52 2.22 0.00	48.75 2.45 0.00	46.37 2.17 0.00	43.94 1.93 0.00	39.99 1.94 0.00	36.23 1.72 0.00	32.48 1.43 0.00	28.80 1.19 0.00
BRADY___115KV_TB2 356060	26.52 -0.08 0.00	25.39 0.08 0.00	22.88 0.05 0.00	22.93 0.05 0.00	23.03 0.05 0.00	23.90 0.10 0.00	24.17 0.05 0.00	24.30 0.12 0.00	25.08 0.17 0.00	25.19 0.18 0.00	26.02 0.13 0.00	27.43 0.05 0.00	28.85 0.06 0.00	30.95 -0.12 0.00	31.68 -0.32 0.00	35.58 -0.32 0.00	40.07 -0.24 0.00	45.98 -0.32 0.00	43.94 -0.27 0.00	41.88 -0.13 0.00	37.89 -0.15 0.00	34.33 -0.17 0.00	30.89 -0.16 0.00	27.56 -0.06 0.00
BRANSCOMB___SOLAR 323811	27.85 1.25 0.00	26.46 1.14 0.00	23.86 1.03 0.00	23.87 0.98 0.00	23.95 0.97 0.00	24.88 1.07 0.00	25.21 1.09 0.00	25.19 1.02 0.00	25.91 1.00 0.00	25.79 0.78 0.00	26.74 0.85 0.00	28.23 0.85 0.00	29.71 0.92 0.00	32.07 0.99 0.00	33.22 1.22 0.00	37.27 1.36 0.00	42.12 1.82 0.00	48.75 2.45 0.00	46.76 2.56 0.00	44.49 2.48 0.00	40.18 2.13 0.00	36.51 2.00 0.00	32.66 1.61 0.00	29.08 1.46 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	28.49 1.89 0.00	26.86 1.54 0.00	24.18 1.35 0.00	24.17 1.28 0.00	24.20 1.22 0.00	25.07 1.26 0.00	25.64 1.52 0.00	25.63 1.45 0.00	26.50 1.59 0.00	26.46 1.45 0.00	29.35 2.05 -1.42	32.16 2.14 -2.65	33.17 2.30 -2.07	34.54 2.73 -0.73	35.14 3.14 0.00	39.28 3.37 0.00	44.42 4.11 0.00	50.79 4.49 0.00	52.83 4.15 -4.47	45.37 3.36 0.00	41.20 3.16 0.00	38.33 3.11 -0.72	33.92 2.64 -0.23	32.74 2.18 -2.94



BRISTLHL_115KV_TB1 79998	26.42 -0.19 0.00	25.14 -0.18 0.00	22.63 -0.21 0.00	22.68 -0.21 0.00	22.78 -0.21 0.00	23.57 -0.24 0.00	23.90 -0.22 0.00	23.94 -0.24 0.00	24.54 -0.37 0.00	24.79 -0.23 0.00	25.47 -0.41 0.00	27.00 -0.38 0.00	28.36 -0.43 0.00	30.70 -0.37 0.00	31.68 -0.32 0.00	35.62 -0.29 0.00	39.93 -0.40 -0.03	46.89 -0.37 -0.95	44.35 -0.27 -0.42	42.61 -0.34 -0.93	38.05 -0.34 -0.35	34.50 -0.31 -0.31	30.76 -0.31 -0.03	27.31 -0.30 0.00
BROOKHAVEN___DRP 24191	28.20 1.60 0.00	26.61 1.29 0.00	23.95 1.12 0.00	23.94 1.05 0.00	23.98 0.99 0.00	24.85 1.05 0.00	25.50 1.37 0.00	25.39 1.21 0.00	26.21 1.30 0.00	26.16 1.15 0.00	29.01 1.71 -1.42	31.75 1.72 -2.65	32.76 1.90 -2.07	34.17 2.36 -0.73	34.82 2.82 0.00	39.03 3.12 0.00	44.14 3.83 0.00	50.61 4.31 0.00	52.56 3.89 -4.47	45.08 3.07 0.00	40.86 2.82 0.00	38.02 2.79 -0.72	33.55 2.27 -0.23	32.38 1.82 -2.94
BROOKLYN_NAVY_YARD 23515	27.83 1.22 0.00	26.38 1.06 0.00	23.79 0.96 0.00	23.78 0.89 0.00	23.88 0.90 0.00	24.69 0.88 0.00	25.13 1.01 0.00	25.34 1.16 0.00	26.13 1.22 0.00	26.14 1.13 0.00	27.44 1.55 0.00	29.02 1.64 0.00	30.55 1.76 0.00	33.22 2.14 0.00	34.53 2.53 0.00	38.52 2.62 0.00	43.29 2.98 0.00	49.49 3.19 0.00	47.07 2.87 0.00	44.53 2.52 0.00	40.71 2.66 0.00	36.85 2.35 0.00	33.07 2.02 0.00	29.25 1.63 0.00
BROOKLYN___ARMY_DRP 323595	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.03 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.31 0.00	26.28 1.37 0.00	26.26 1.25 0.00	27.60 1.71 0.00	29.21 1.83 0.00	30.75 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.75 2.84 -0.01	43.53 3.22 0.00	49.68 3.38 0.00	47.25 3.05 0.00	44.66 2.65 0.00	41.01 2.97 0.00	37.06 2.55 0.00	33.28 2.24 0.00	29.47 1.85 0.00
BROOKVLE_69_KV_TB1 55790	28.36 1.76 0.00	26.78 1.47 0.00	24.14 1.30 0.00	24.12 1.24 0.00	24.18 1.20 0.00	25.04 1.24 0.00	25.50 1.37 0.00	25.58 1.40 0.00	26.45 1.54 0.00	26.46 1.45 0.00	29.35 2.05 -1.42	32.24 2.22 -2.65	33.25 2.39 -2.07	34.64 2.83 -0.73	35.21 3.20 0.00	39.31 3.41 0.00	44.06 3.75 0.00	50.42 4.12 0.00	52.47 3.80 -4.47	45.12 3.11 0.00	41.24 3.20 0.00	38.33 3.11 -0.72	33.89 2.61 -0.23	32.72 2.15 -2.94
BROOME_2_LFGE 323671	26.76 0.16 0.00	25.39 0.08 0.00	22.84 0.00 0.00	22.87 -0.02 0.00	22.99 0.00 0.00	23.80 0.00 0.00	24.17 0.05 0.00	24.32 0.15 0.00	24.91 0.00 0.00	25.24 0.22 0.00	26.07 0.18 0.00	27.65 0.27 0.00	29.02 0.23 0.00	31.42 0.34 0.00	32.49 0.48 0.00	36.55 0.65 0.00	40.74 0.44 0.01	46.27 0.33 0.36	44.49 0.44 0.16	41.87 0.21 0.35	37.96 0.04 0.13	34.46 0.07 0.12	31.19 0.16 0.01	27.78 0.17 0.00
BROOME___LFGE 323600	26.76 0.16 0.00	25.39 0.08 0.00	22.84 0.00 0.00	22.87 -0.02 0.00	22.99 0.00 0.00	23.80 0.00 0.00	24.17 0.05 0.00	24.32 0.15 0.00	24.91 0.00 0.00	25.24 0.22 0.00	26.07 0.18 0.00	27.65 0.27 0.00	29.02 0.23 0.00	31.42 0.34 0.00	32.49 0.48 0.00	36.55 0.65 0.00	40.74 0.44 0.01	46.27 0.33 0.36	44.49 0.44 0.16	41.87 0.21 0.35	37.96 0.04 0.13	34.46 0.07 0.12	31.19 0.16 0.01	27.78 0.17 0.00
BROWNFLS_115KV_TB_3_5 80003	26.52 -0.08 0.00	25.29 -0.03 0.00	22.77 -0.07 0.00	22.82 -0.07 0.00	22.92 -0.07 0.00	23.76 -0.05 0.00	24.10 -0.02 0.00	24.23 0.05 0.00	24.91 0.00 0.00	25.01 0.00 0.00	25.78 -0.10 0.00	27.19 -0.19 0.00	28.53 -0.26 0.00	30.73 -0.34 0.00	31.59 -0.42 0.00	35.51 -0.39 0.00	39.98 -0.32 0.00	45.98 -0.32 0.00	44.02 -0.18 0.00	41.93 -0.08 0.00	37.93 -0.11 0.00	34.47 -0.03 0.00	30.89 -0.16 0.00	27.51 -0.11 0.00
BROWNSV1_27_KV_LOAD 356125	28.04 1.44 0.00	26.56 1.24 0.00	23.98 1.14 0.00	23.94 1.05 0.00	24.04 1.06 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.51 1.33 0.00	26.30 1.39 0.00	26.31 1.30 0.00	27.62 1.73 0.00	29.24 1.86 0.00	30.81 2.02 0.00	33.53 2.45 0.00	34.82 2.82 0.00	38.85 2.94 0.00	43.69 3.39 0.00	49.91 3.61 0.00	47.47 3.27 0.00	44.91 2.90 0.00	41.05 3.01 0.00	37.16 2.66 0.00	33.35 2.30 0.00	29.47 1.85 0.00
BURROWS___LYONSDAL 23803	27.19 0.59 0.00	25.85 0.53 0.00	23.27 0.43 0.00	23.30 0.41 0.00	23.40 0.41 0.00	24.26 0.45 0.00	24.60 0.48 0.00	24.76 0.58 0.00	25.36 0.45 0.00	25.49 0.48 0.00	26.25 0.36 0.00	27.71 0.33 0.00	29.05 0.26 0.00	31.48 0.40 0.00	32.49 0.48 0.00	36.51 0.61 0.00	41.03 0.73 0.00	47.23 0.93 0.00	45.22 1.02 0.00	43.06 1.05 0.00	38.92 0.88 0.00	35.40 0.90 0.00	31.67 0.62 0.00	28.17 0.55 0.00
CAITHNESS_CC_1 323624	28.20 1.60 0.00	26.61 1.29 0.00	23.98 1.14 0.00	23.94 1.05 0.00	23.97 0.99 0.00	24.83 1.02 0.00	25.47 1.35 0.00	25.39 1.21 0.00	26.23 1.32 0.00	26.19 1.18 0.00	29.05 1.73 -1.43	31.79 1.75 -2.65	32.77 1.90 -2.08	34.18 2.36 -0.74	34.79 2.78 0.00	38.88 2.98 0.00	43.86 3.55 0.00	50.38 4.08 0.00	52.48 3.80 -4.48	44.99 2.98 0.00	40.71 2.66 0.00	37.99 2.76 -0.73	33.53 2.24 -0.24	32.39 1.82 -2.95
CALPINE BETH_PAGE_GT4 24209	28.33 1.73 0.00	26.73 1.42 0.00	24.09 1.26 0.00	24.08 1.19 0.00	24.14 1.15 0.00	24.99 1.19 0.00	25.47 1.35 0.00	25.53 1.35 0.00	26.40 1.49 0.00	26.39 1.38 0.00	29.27 1.97 -1.42	32.13 2.11 -2.65	33.14 2.27 -2.07	34.48 2.67 -0.73	34.95 2.94 0.00	38.99 3.09 0.00	43.94 3.63 0.00	50.24 3.94 0.00	52.30 3.62 -4.47	44.95 2.94 0.00	40.94 2.89 0.00	38.09 2.86 -0.72	33.70 2.42 -0.23	32.55 1.99 -2.94
CALPINE_BETH_PAGE_GT_4 323586	28.33 1.73 0.00	26.73 1.42 0.00	24.11 1.28 0.00	24.08 1.19 0.00	24.14 1.15 0.00	24.97 1.17 0.00	25.47 1.35 0.00	25.53 1.35 0.00	26.40 1.49 0.00	26.41 1.40 0.00	29.28 1.97 -1.43	32.14 2.11 -2.65	33.12 2.25 -2.08	34.52 2.70 -0.74	34.95 2.94 0.00	38.78 2.87 0.00	43.61 3.31 0.00	50.01 3.71 0.00	52.17 3.49 -4.48	44.78 2.77 0.00	40.71 2.66 0.00	38.09 2.86 -0.73	33.68 2.39 -0.24	32.58 2.01 -2.95
CALPINE_BP_GT1 23823	28.33 1.73 0.00	26.73 1.42 0.00	24.11 1.28 0.00	24.08 1.19 0.00	24.14 1.15 0.00	24.97 1.17 0.00	25.47 1.35 0.00	25.53 1.35 0.00	26.40 1.49 0.00	26.41 1.40 0.00	29.28 1.97 -1.43	32.14 2.11 -2.65	33.12 2.25 -2.08	34.52 2.70 -0.74	34.95 2.94 0.00	38.78 2.87 0.00	43.61 3.31 0.00	50.01 3.71 0.00	52.17 3.49 -4.48	44.78 2.77 0.00	40.71 2.66 0.00	38.09 2.86 -0.73	33.68 2.39 -0.24	32.58 2.01 -2.95
CALSPAN___DRP 24200	25.99 -0.61 0.00	24.56 -0.76 0.00	22.01 -0.82 0.00	22.00 -0.89 0.00	22.09 -0.90 0.00	22.92 -0.88 0.00	23.42 -0.70 0.00	23.60 -0.58 0.00	24.06 -0.85 0.00	24.91 -0.10 0.00	25.56 -0.34 0.00	27.43 0.05 0.00	28.59 -0.20 0.00	31.08 0.00 0.00	31.91 -0.10 0.00	36.19 0.29 0.00	39.51 -0.77 0.03	43.27 -1.90 1.13	42.07 -1.64 0.49	39.05 -1.85 1.11	35.50 -2.13 0.41	32.21 -1.93 0.37	29.65 -1.37 0.03	26.84 -0.77 0.00



CALVERTON___SOLAR 323806	28.25 1.65 0.00	26.66 1.34 0.00	24.02 1.19 0.00	23.96 1.08 0.00	24.00 1.01 0.00	24.88 1.07 0.00	25.54 1.42 0.00	25.41 1.23 0.00	26.23 1.32 0.00	26.19 1.18 0.00	29.05 1.73 -1.43	31.81 1.78 -2.65	32.80 1.93 -2.08	34.24 2.43 -0.74	34.89 2.88 0.00	39.06 3.16 0.00	44.10 3.79 0.00	50.75 4.45 0.00	52.83 4.15 -4.48	45.25 3.24 0.00	40.86 2.82 0.00	38.13 2.90 -0.73	33.59 2.30 -0.24	32.45 1.88 -2.95
CANDIGU_WT_PWR 323617	26.34 -0.27 0.00	24.94 -0.38 0.00	22.38 -0.46 0.00	22.36 -0.53 0.00	22.48 -0.51 0.00	23.35 -0.45 0.00	23.76 -0.36 0.00	23.96 -0.22 0.00	24.46 -0.45 0.00	25.06 0.05 0.00	25.79 -0.10 0.00	27.54 0.17 0.00	28.79 0.00 0.00	31.20 0.12 0.00	32.20 0.19 0.00	36.37 0.47 0.00	40.20 -0.08 0.02	44.80 -0.69 0.81	43.45 -0.40 0.35	40.42 -0.80 0.79	36.61 -1.14 0.29	33.31 -0.93 0.26	30.44 -0.59 0.02	27.31 -0.30 0.00
CARR STREET_E_SYR 24060	26.52 -0.08 0.00	25.21 -0.10 0.00	22.70 -0.14 0.00	22.75 -0.14 0.00	22.85 -0.14 0.00	23.66 -0.14 0.00	24.00 -0.12 0.00	24.03 -0.14 0.00	24.64 -0.27 0.00	24.89 -0.12 0.00	25.60 -0.28 0.00	27.13 -0.25 0.00	28.53 -0.26 0.00	30.89 -0.19 0.00	31.88 -0.13 0.00	35.83 -0.07 0.00	40.01 -0.28 0.02	45.47 -0.28 0.56	43.78 -0.18 0.24	41.21 -0.25 0.55	37.62 -0.23 0.20	34.12 -0.21 0.18	30.85 -0.19 0.02	27.43 -0.19 0.00
CARTHAGE___PAPER 23857	26.87 0.27 0.00	25.54 0.23 0.00	22.97 0.14 0.00	23.00 0.12 0.00	23.10 0.12 0.00	23.92 0.12 0.00	24.29 0.17 0.00	24.47 0.29 0.00	25.03 0.13 0.00	25.14 0.13 0.00	25.81 -0.08 0.00	27.24 -0.14 0.00	28.59 -0.20 0.00	30.86 -0.22 0.00	31.78 -0.22 0.00	35.80 -0.11 0.00	40.35 0.04 0.00	46.53 0.23 0.00	44.64 0.44 0.00	42.52 0.51 0.00	38.39 0.34 0.00	34.95 0.45 0.00	31.33 0.28 0.00	27.76 0.14 0.00
CASSADAGA_WT_PWR 323784	26.74 0.13 0.00	25.24 -0.08 0.00	22.61 -0.23 0.00	22.59 -0.30 0.00	22.71 -0.27 0.00	23.66 -0.14 0.00	24.12 0.00 0.00	24.56 0.39 0.00	25.01 0.10 0.00	25.86 0.85 0.00	26.70 0.80 0.00	28.61 1.23 0.00	29.83 1.04 0.00	32.48 1.40 0.00	33.32 1.31 0.00	37.84 1.94 0.00	41.37 1.09 0.03	45.14 -0.09 1.07	44.00 0.27 0.47	40.41 -0.55 1.05	36.44 -1.22 0.39	33.23 -0.93 0.35	30.71 -0.31 0.03	27.45 -0.16 0.00
CE_DUNWOOD___DRP 24194	27.72 1.12 0.00	26.28 0.96 0.00	23.73 0.89 0.00	23.74 0.85 0.00	23.81 0.83 0.00	24.64 0.83 0.00	25.04 0.92 0.00	25.19 1.02 0.00	25.96 1.05 0.00	25.94 0.93 0.00	27.23 1.35 0.00	28.80 1.42 0.00	30.32 1.53 0.00	32.94 1.86 0.00	34.21 2.21 0.00	38.20 2.30 0.00	43.01 2.70 0.00	49.22 2.92 0.00	46.81 2.61 0.00	44.32 2.31 0.00	40.41 2.36 0.00	36.61 2.10 0.00	32.85 1.80 0.00	29.08 1.46 0.00
CE_MILLWOOD___DRP 24193	27.61 1.01 0.00	26.18 0.86 0.00	23.64 0.80 0.00	23.64 0.76 0.00	23.72 0.74 0.00	24.57 0.76 0.00	24.94 0.82 0.00	25.10 0.92 0.00	25.86 0.95 0.00	25.84 0.83 0.00	27.10 1.22 0.00	28.67 1.29 0.00	30.18 1.38 0.00	32.78 1.71 0.00	34.05 2.05 0.00	38.02 2.12 0.00	42.81 2.50 0.00	49.03 2.73 0.00	46.63 2.43 0.00	44.15 2.14 0.00	40.25 2.21 0.00	36.47 1.97 0.00	32.72 1.68 0.00	28.94 1.33 0.00
CE_NYC2_DRP 24202	27.88 1.28 0.00	26.43 1.11 0.00	23.89 1.05 0.00	23.85 0.96 0.00	23.93 0.94 0.00	24.73 0.93 0.00	25.16 1.04 0.00	25.36 1.18 0.00	26.13 1.22 0.00	26.14 1.13 0.00	27.44 1.55 0.00	29.05 1.67 0.00	30.61 1.81 0.00	33.28 2.21 0.00	34.60 2.59 0.00	38.56 2.66 0.00	43.25 2.94 0.00	49.40 3.10 0.00	46.99 2.78 0.00	44.41 2.39 0.00	40.75 2.70 0.00	36.89 2.38 0.00	33.13 2.08 0.00	29.30 1.68 0.00
CE_NYC_DRP 24195	27.85 1.25 0.00	26.40 1.09 0.00	23.84 1.00 0.00	23.83 0.94 0.00	23.91 0.92 0.00	24.73 0.93 0.00	25.16 1.04 0.00	25.36 1.18 0.00	26.13 1.22 0.00	26.11 1.10 0.00	27.44 1.55 0.00	29.05 1.67 0.00	30.58 1.79 0.00	33.25 2.18 0.00	34.57 2.56 0.00	38.56 2.66 0.00	43.33 3.02 0.00	49.54 3.24 0.00	47.12 2.92 0.00	44.53 2.52 0.00	40.75 2.70 0.00	36.89 2.38 0.00	33.10 2.05 0.00	29.27 1.66 0.00
CHAFFEE___LFGE 323603	26.02 -0.59 0.00	24.58 -0.73 0.00	22.04 -0.80 0.00	22.02 -0.87 0.00	22.11 -0.87 0.00	23.02 -0.78 0.00	23.44 -0.68 0.00	23.69 -0.48 0.00	24.14 -0.77 0.00	24.99 -0.02 0.00	25.66 -0.23 0.00	27.54 0.17 0.00	28.76 -0.03 0.00	31.24 0.16 0.00	32.07 0.06 0.00	36.45 0.54 0.00	39.80 -0.48 0.03	43.45 -1.76 1.09	42.44 -1.28 0.48	39.18 -1.76 1.07	35.40 -2.24 0.40	32.25 -1.90 0.35	29.78 -1.24 0.03	26.90 -0.72 0.00
CHATEAUG_35_KV_LOAD 355732	26.98 0.37 0.00	25.82 0.51 0.00	23.29 0.46 0.00	23.32 0.43 0.00	23.49 0.51 0.00	24.38 0.57 0.00	24.67 0.55 0.00	24.81 0.63 0.00	25.61 0.70 0.00	25.71 0.70 0.00	26.59 0.70 0.00	28.06 0.68 0.00	29.57 0.78 0.00	31.70 0.62 0.00	32.49 0.48 0.00	36.48 0.57 0.00	41.15 0.85 0.00	47.09 0.79 0.00	44.86 0.66 0.00	42.68 0.67 0.00	38.54 0.49 0.00	34.75 0.24 0.00	31.27 0.22 0.00	27.92 0.30 0.00
CHATEAUG_WT_PWR 323614	27.67 1.07 0.00	26.51 1.19 0.00	23.91 1.07 0.00	23.94 1.05 0.00	24.11 1.13 0.00	24.97 1.17 0.00	25.35 1.23 0.00	25.51 1.33 0.00	26.30 1.39 0.00	26.44 1.42 0.00	27.34 1.45 0.00	28.83 1.45 0.00	30.38 1.58 0.00	32.60 1.52 0.00	33.41 1.41 0.00	37.59 1.69 0.00	42.36 2.05 0.00	48.48 2.18 0.00	46.19 1.99 0.00	43.90 1.89 0.00	39.53 1.48 0.00	35.64 1.14 0.00	32.04 0.99 0.00	28.56 0.94 0.00
CHAT_HIGH_FALL_HYD 323578	26.98 0.37 0.00	25.82 0.51 0.00	23.29 0.46 0.00	23.32 0.43 0.00	23.49 0.51 0.00	24.38 0.57 0.00	24.67 0.55 0.00	24.81 0.63 0.00	25.61 0.70 0.00	25.71 0.70 0.00	26.59 0.70 0.00	28.06 0.68 0.00	29.57 0.78 0.00	31.70 0.62 0.00	32.49 0.48 0.00	36.48 0.57 0.00	41.15 0.85 0.00	47.09 0.79 0.00	44.86 0.66 0.00	42.68 0.67 0.00	38.54 0.49 0.00	34.75 0.24 0.00	31.27 0.22 0.00	27.92 0.30 0.00
CHAUTAUQUA___LFGE 323629	26.39 -0.21 0.00	24.94 -0.38 0.00	22.33 -0.50 0.00	22.34 -0.55 0.00	22.43 -0.55 0.00	23.38 -0.43 0.00	23.83 -0.29 0.00	24.11 -0.07 0.00	24.56 -0.35 0.00	25.41 0.40 0.00	26.18 0.29 0.00	28.06 0.68 0.00	29.25 0.46 0.00	31.79 0.72 0.00	32.68 0.67 0.00	37.09 1.18 0.00	40.60 0.32 0.03	44.46 -0.74 1.10	43.32 -0.40 0.48	39.93 -1.01 1.07	36.05 -1.60 0.40	32.88 -1.28 0.35	30.27 -0.75 0.03	27.23 -0.39 0.00
CHERRYST_13_KV_LD 356241	27.93 1.33 0.00	26.48 1.16 0.00	23.89 1.05 0.00	23.87 0.98 0.00	23.98 0.99 0.00	24.78 0.98 0.00	25.23 1.11 0.00	25.43 1.26 0.00	26.21 1.30 0.00	26.21 1.20 0.00	27.52 1.63 0.00	29.13 1.75 0.00	30.66 1.87 0.00	33.37 2.30 0.00	34.66 2.66 0.00	38.70 2.80 0.00	43.49 3.18 0.00	49.68 3.38 0.00	47.25 3.05 0.00	44.70 2.69 0.00	40.86 2.82 0.00	36.99 2.48 0.00	33.19 2.14 0.00	29.36 1.74 0.00



CHESTROR_138KV_BK263 355645	27.37 0.77 0.00	25.95 0.63 0.00	23.43 0.59 0.00	23.44 0.55 0.00	23.54 0.55 0.00	24.35 0.55 0.00	24.72 0.60 0.00	24.83 0.65 0.00	25.58 0.67 0.00	25.56 0.55 0.00	26.77 0.88 0.00	28.34 0.96 0.00	29.83 1.04 0.00	32.35 1.27 0.00	33.57 1.57 0.00	37.55 1.65 0.00	42.28 1.98 0.00	48.48 2.18 0.00	46.15 1.94 0.00	43.73 1.72 0.00	39.80 1.75 0.00	36.02 1.52 0.00	32.35 1.30 0.00	28.64 1.02 0.00
CH_MIDHUDSON___DRP 24192	27.59 0.98 0.00	26.18 0.86 0.00	23.64 0.80 0.00	23.64 0.76 0.00	23.72 0.74 0.00	24.57 0.76 0.00	24.92 0.80 0.00	25.05 0.87 0.00	25.78 0.87 0.00	25.74 0.73 0.00	26.98 1.09 0.00	28.53 1.15 0.00	30.06 1.27 0.00	32.63 1.55 0.00	33.86 1.86 0.00	37.88 1.97 0.00	42.65 2.34 0.00	48.90 2.59 0.00	46.54 2.34 0.00	44.20 2.18 0.00	40.18 2.13 0.00	36.37 1.86 0.00	32.63 1.58 0.00	28.89 1.27 0.00
CH_MISC_IPPS 23765	27.75 1.14 0.00	26.28 0.96 0.00	23.73 0.89 0.00	23.74 0.85 0.00	23.81 0.83 0.00	24.64 0.83 0.00	25.01 0.89 0.00	25.10 0.92 0.00	25.88 0.97 0.00	25.86 0.85 0.00	27.11 1.22 0.00	28.67 1.29 0.00	30.23 1.44 0.00	32.85 1.77 0.00	34.15 2.14 0.00	38.17 2.26 0.00	43.05 2.74 0.00	49.36 3.06 0.00	47.03 2.83 0.00	44.57 2.56 0.00	40.52 2.47 0.00	36.65 2.14 0.00	32.79 1.74 0.00	29.08 1.46 0.00
CH_RES_BVR_FALLS 23983	26.34 -0.27 0.00	25.14 -0.18 0.00	22.68 -0.16 0.00	22.70 -0.18 0.00	22.83 -0.16 0.00	23.64 -0.17 0.00	23.95 -0.17 0.00	24.03 -0.14 0.00	24.81 -0.10 0.00	24.91 -0.10 0.00	25.78 -0.10 0.00	27.24 -0.14 0.00	28.65 -0.14 0.00	30.83 -0.25 0.00	31.62 -0.38 0.00	35.51 -0.39 0.00	39.86 -0.44 0.00	45.75 -0.55 0.00	43.67 -0.53 0.00	41.55 -0.46 0.00	37.59 -0.45 0.00	34.06 -0.45 0.00	30.68 -0.37 0.00	27.29 -0.33 0.00
CH_RES_NIAGARA 23895	25.14 -1.46 0.00	23.80 -1.52 0.00	21.33 -1.51 0.00	21.29 -1.60 0.00	21.40 -1.59 0.00	22.19 -1.62 0.00	22.67 -1.45 0.00	22.51 -1.67 0.00	22.97 -1.94 0.00	23.84 -1.18 0.00	24.36 -1.53 0.01	26.17 -1.20 0.00	27.30 -1.50 0.00	29.58 -1.49 0.01	30.40 -1.60 0.01	34.50 -1.40 0.01	37.90 -2.38 0.03	41.76 -3.33 1.20	40.76 -2.92 0.52	37.85 -2.98 1.18	34.49 -3.12 0.44	31.29 -2.83 0.39	28.53 -2.48 0.03	25.88 -1.74 0.00
CH_RES_SYRACUSE 23985	26.66 0.05 0.00	25.37 0.05 0.00	22.81 -0.02 0.00	22.87 -0.02 0.00	22.99 0.00 0.00	23.78 -0.02 0.00	24.12 0.00 0.00	24.15 -0.02 0.00	24.74 -0.17 0.00	25.01 0.00 0.00	25.73 -0.15 0.00	27.27 -0.11 0.00	28.68 -0.11 0.00	31.04 -0.03 0.00	32.07 0.06 0.00	36.05 0.14 0.00	40.35 0.04 0.00	46.44 0.14 0.00	44.42 0.22 0.00	42.14 0.13 0.00	38.08 0.04 0.00	34.54 0.03 0.00	31.05 0.00 0.00	27.59 -0.03 0.00
CLINTON_WT_PWR 323605	27.67 1.07 0.00	26.51 1.19 0.00	23.91 1.07 0.00	23.94 1.05 0.00	24.11 1.13 0.00	24.97 1.17 0.00	25.35 1.23 0.00	25.51 1.33 0.00	26.30 1.39 0.00	26.44 1.42 0.00	27.34 1.45 0.00	28.83 1.45 0.00	30.38 1.58 0.00	32.60 1.52 0.00	33.41 1.41 0.00	37.59 1.69 0.00	42.36 2.05 0.00	48.48 2.18 0.00	46.19 1.99 0.00	43.90 1.89 0.00	39.53 1.48 0.00	35.64 1.14 0.00	32.04 0.99 0.00	28.56 0.94 0.00
CLINTON___LFGE 323618	27.64 1.04 0.00	26.51 1.19 0.00	23.89 1.05 0.00	23.92 1.03 0.00	24.09 1.10 0.00	24.97 1.17 0.00	25.37 1.25 0.00	25.51 1.33 0.00	26.30 1.39 0.00	26.44 1.42 0.00	27.34 1.45 0.00	28.83 1.45 0.00	30.40 1.61 0.00	32.60 1.52 0.00	33.45 1.44 0.00	37.63 1.72 0.00	42.44 2.13 0.00	48.57 2.27 0.00	46.28 2.08 0.00	44.03 2.02 0.00	39.64 1.60 0.00	35.71 1.21 0.00	32.10 1.06 0.00	28.61 0.99 0.00
COBBLENY_34_KV_TB1 80064	26.02 -0.59 0.00	24.58 -0.73 0.00	22.04 -0.80 0.00	22.02 -0.87 0.00	22.11 -0.87 0.00	22.95 -0.86 0.00	23.44 -0.68 0.00	23.69 -0.48 0.00	24.16 -0.75 0.00	25.01 0.00 0.00	25.66 -0.23 0.00	27.54 0.16 0.00	28.74 -0.06 0.00	31.24 0.16 0.00	32.07 0.06 0.00	36.37 0.47 0.00	39.67 -0.60 0.03	43.40 -1.81 1.09	42.18 -1.55 0.48	39.17 -1.76 1.07	35.56 -2.09 0.40	32.25 -1.90 0.35	29.75 -1.27 0.03	26.90 -0.72 0.00
COFFEEN___115KV_TB3 355620	27.19 0.59 0.00	25.85 0.53 0.00	23.20 0.37 0.00	23.23 0.34 0.00	23.31 0.32 0.00	24.14 0.33 0.00	24.53 0.41 0.00	24.71 0.53 0.00	25.18 0.27 0.00	25.34 0.33 0.00	25.97 0.08 0.00	27.41 0.03 0.00	28.74 -0.06 0.00	31.04 -0.03 0.00	32.04 0.03 0.00	36.15 0.25 0.00	40.76 0.44 -0.01	47.30 0.74 -0.26	45.28 0.97 -0.11	43.27 1.01 -0.25	38.98 0.84 -0.09	35.52 0.93 -0.08	31.61 0.56 -0.01	28.06 0.44 0.00
COLDSPRG_115KV_BK1 355956	26.92 0.32 0.00	25.39 0.08 0.00	22.77 -0.07 0.00	22.75 -0.14 0.00	22.85 -0.14 0.00	23.76 -0.05 0.00	24.26 0.14 0.00	24.88 0.70 0.00	25.33 0.42 0.00	26.21 1.20 0.00	27.03 1.14 0.00	28.97 1.59 0.00	30.15 1.35 0.00	32.85 1.77 0.00	33.71 1.70 0.00	38.21 2.30 0.00	41.49 1.21 0.03	45.18 -0.09 1.03	43.66 -0.09 0.45	40.50 -0.50 1.01	36.68 -0.99 0.38	33.24 -0.93 0.33	30.93 -0.09 0.03	27.78 0.17 0.00
COLONIE_LFGE___ 323577	27.56 0.96 0.00	26.18 0.86 0.00	23.66 0.82 0.00	23.69 0.80 0.00	23.77 0.78 0.00	24.64 0.83 0.00	24.99 0.87 0.00	25.05 0.87 0.00	25.73 0.82 0.00	25.61 0.60 0.00	26.64 0.75 0.00	28.09 0.71 0.00	29.57 0.78 0.00	31.98 0.90 0.00	33.12 1.12 0.00	37.12 1.22 0.00	41.84 1.53 0.00	48.20 1.90 0.00	46.01 1.81 0.00	43.86 1.85 0.00	39.68 1.63 0.00	36.02 1.52 0.00	32.26 1.21 0.00	28.69 1.08 0.00
COOPERNY_115KV_TB1 80082	27.19 0.59 0.00	25.80 0.48 0.00	23.27 0.43 0.00	23.30 0.41 0.00	23.38 0.39 0.00	24.21 0.40 0.00	24.55 0.43 0.00	24.69 0.51 0.00	25.41 0.50 0.00	25.44 0.43 0.00	26.56 0.67 0.00	28.09 0.71 0.00	29.54 0.75 0.00	32.04 0.96 0.00	33.16 1.15 0.00	37.12 1.22 0.00	41.72 1.41 0.00	47.88 1.57 0.00	45.57 1.37 0.00	43.27 1.26 0.00	39.30 1.26 0.00	35.64 1.14 0.00	32.01 0.96 0.00	28.39 0.77 0.00
COPENHAGEN_WT_PWR 323753	26.92 0.32 0.00	25.59 0.28 0.00	23.00 0.16 0.00	23.05 0.16 0.00	23.13 0.14 0.00	23.95 0.14 0.00	24.31 0.19 0.00	24.44 0.27 0.00	24.98 0.07 0.00	25.14 0.13 0.00	25.78 -0.10 0.00	27.24 -0.14 0.00	28.59 -0.20 0.00	30.89 -0.19 0.00	31.85 -0.16 0.00	35.87 -0.04 0.00	40.40 0.08 -0.01	46.86 0.28 -0.28	44.81 0.49 -0.12	42.79 0.51 -0.27	38.53 0.38 -0.10	35.11 0.52 -0.09	31.40 0.34 -0.01	27.78 0.17 0.00
CORNELL_____ 23752	27.32 0.72 0.00	25.90 0.58 0.00	23.27 0.43 0.00	23.32 0.43 0.00	23.42 0.44 0.00	24.26 0.45 0.00	24.63 0.51 0.00	24.81 0.63 0.00	25.33 0.42 0.00	25.64 0.63 0.00	26.35 0.47 0.00	27.93 0.55 0.00	29.28 0.49 0.00	31.79 0.71 0.00	32.87 0.86 0.00	37.02 1.11 0.00	41.43 1.13 0.01	47.35 1.44 0.39	45.58 1.55 0.17	43.02 1.39 0.38	39.01 1.10 0.14	35.38 1.00 0.13	31.91 0.87 0.01	28.36 0.75 0.00



CORONA__69_KV_TB1 355595	28.28 1.68 0.00	26.71 1.39 0.00	24.09 1.26 0.00	24.06 1.17 0.00	24.11 1.13 0.00	24.97 1.17 0.00	25.42 1.30 0.00	25.51 1.33 0.00	26.38 1.47 0.00	26.36 1.35 0.00	29.22 1.92 -1.42	32.11 2.08 -2.65	33.11 2.25 -2.07	34.45 2.64 -0.73	35.01 3.01 0.00	39.06 3.16 0.00	43.94 3.63 0.00	50.28 3.98 0.00	52.30 3.62 -4.47	45.04 3.02 0.00	41.01 2.97 0.00	38.12 2.90 -0.72	33.77 2.48 -0.23	32.63 2.07 -2.94
CORTLAND__115KV_TB3 80093	27.00 0.40 0.00	25.64 0.33 0.00	23.06 0.23 0.00	23.09 0.21 0.00	23.22 0.23 0.00	24.04 0.24 0.00	24.39 0.27 0.00	24.52 0.34 0.00	25.08 0.17 0.00	25.36 0.35 0.00	26.12 0.23 0.00	27.68 0.30 0.00	29.05 0.26 0.00	31.48 0.40 0.00	32.55 0.54 0.00	36.59 0.68 0.00	40.94 0.64 0.01	46.77 0.79 0.32	44.90 0.84 0.14	42.41 0.71 0.32	38.50 0.57 0.12	34.92 0.52 0.10	31.51 0.47 0.01	28.00 0.39 0.00
COXSACKIE__GT 23611	28.04 1.44 0.00	26.63 1.32 0.00	24.23 1.39 0.00	24.22 1.33 0.00	24.32 1.33 0.00	25.23 1.43 0.00	25.52 1.40 0.00	25.43 1.26 0.00	26.18 1.27 0.00	25.81 0.80 0.00	26.69 0.80 0.00	28.04 0.66 0.00	29.69 0.89 0.00	32.10 1.02 0.00	33.45 1.44 0.00	37.73 1.83 0.00	42.97 2.66 0.00	49.96 3.66 0.00	47.91 3.71 0.00	45.62 3.61 0.00	41.05 3.00 0.00	36.99 2.49 0.00	32.97 1.93 0.00	29.30 1.68 0.00
CPV_VALLEY__CC1 323721	27.22 0.61 0.00	25.80 0.48 0.00	23.29 0.46 0.00	23.30 0.41 0.00	23.40 0.41 0.00	24.21 0.40 0.00	24.58 0.46 0.00	24.71 0.53 0.00	25.43 0.52 0.00	25.44 0.42 0.00	26.61 0.72 0.00	28.14 0.77 0.00	29.63 0.84 0.00	32.13 1.06 0.00	33.32 1.31 0.00	37.23 1.33 0.00	41.92 1.61 0.00	48.06 1.76 0.00	45.79 1.59 0.00	43.40 1.38 0.00	39.46 1.41 0.00	35.75 1.24 0.00	32.10 1.06 0.00	28.47 0.86 0.00
CPV_VALLEY__CC2 323722	27.22 0.61 0.00	25.80 0.48 0.00	23.29 0.46 0.00	23.30 0.41 0.00	23.40 0.41 0.00	24.21 0.40 0.00	24.58 0.46 0.00	24.71 0.53 0.00	25.43 0.52 0.00	25.44 0.42 0.00	26.61 0.72 0.00	28.14 0.77 0.00	29.63 0.84 0.00	32.13 1.06 0.00	33.32 1.31 0.00	37.23 1.33 0.00	41.92 1.61 0.00	48.06 1.76 0.00	45.79 1.59 0.00	43.40 1.38 0.00	39.46 1.41 0.00	35.75 1.24 0.00	32.10 1.06 0.00	28.47 0.86 0.00
CRESCENT__HYD 24018	27.56 0.96 0.00	26.18 0.86 0.00	23.66 0.82 0.00	23.69 0.80 0.00	23.77 0.78 0.00	24.64 0.83 0.00	24.99 0.87 0.00	25.05 0.87 0.00	25.73 0.82 0.00	25.61 0.60 0.00	26.64 0.75 0.00	28.09 0.71 0.00	29.57 0.78 0.00	31.98 0.90 0.00	33.12 1.12 0.00	37.12 1.22 0.00	41.84 1.53 0.00	48.20 1.90 0.00	46.01 1.81 0.00	43.86 1.85 0.00	39.68 1.63 0.00	36.02 1.52 0.00	32.26 1.21 0.00	28.69 1.08 0.00
CRICKET__VALLEY_CC1 323756	27.43 0.83 0.00	26.05 0.73 0.00	23.52 0.68 0.00	23.53 0.64 0.00	23.63 0.64 0.00	24.45 0.64 0.00	24.82 0.70 0.00	24.95 0.77 0.00	25.63 0.72 0.00	25.54 0.53 0.00	26.72 0.83 0.00	28.25 0.88 0.00	29.74 0.95 0.00	32.29 1.21 0.00	33.48 1.47 0.00	37.41 1.51 0.00	42.16 1.86 0.00	48.34 2.03 0.00	46.01 1.81 0.00	43.78 1.76 0.00	39.76 1.71 0.00	36.06 1.55 0.00	32.29 1.24 0.00	28.67 1.05 0.00
CRICKET__VALLEY_CC2 323757	27.43 0.83 0.00	26.05 0.73 0.00	23.52 0.68 0.00	23.53 0.64 0.00	23.63 0.64 0.00	24.45 0.64 0.00	24.82 0.70 0.00	24.95 0.77 0.00	25.63 0.72 0.00	25.54 0.53 0.00	26.72 0.83 0.00	28.25 0.88 0.00	29.74 0.95 0.00	32.29 1.21 0.00	33.48 1.47 0.00	37.41 1.51 0.00	42.16 1.86 0.00	48.34 2.03 0.00	46.01 1.81 0.00	43.78 1.76 0.00	39.76 1.71 0.00	36.06 1.55 0.00	32.29 1.24 0.00	28.67 1.05 0.00
CRICKET__VALLEY_CC3 323758	27.43 0.83 0.00	26.05 0.73 0.00	23.52 0.68 0.00	23.53 0.64 0.00	23.63 0.64 0.00	24.45 0.64 0.00	24.82 0.70 0.00	24.95 0.77 0.00	25.63 0.72 0.00	25.54 0.53 0.00	26.72 0.83 0.00	28.25 0.88 0.00	29.74 0.95 0.00	32.29 1.21 0.00	33.48 1.47 0.00	37.41 1.51 0.00	42.16 1.86 0.00	48.34 2.03 0.00	46.01 1.81 0.00	43.78 1.76 0.00	39.76 1.71 0.00	36.06 1.55 0.00	32.29 1.24 0.00	28.67 1.05 0.00
CRUCIBLE_METL_DRP 24180	26.66 0.05 0.00	25.37 0.05 0.00	22.81 -0.02 0.00	22.87 -0.02 0.00	22.99 0.00 0.00	23.78 -0.02 0.00	24.12 0.00 0.00	24.15 -0.02 0.00	24.76 -0.15 0.00	25.01 0.00 0.00	25.73 -0.16 0.00	27.27 -0.11 0.00	28.68 -0.12 0.00	31.04 -0.03 0.00	32.07 0.06 0.00	36.05 0.14 0.00	40.35 0.04 0.00	46.39 0.09 0.00	44.38 0.18 0.00	42.10 0.08 0.00	38.08 0.04 0.00	34.54 0.03 0.00	31.05 0.00 0.00	27.59 -0.03 0.00
DAHOWA__HYDRO 323763	27.93 1.33 0.00	26.53 1.22 0.00	23.91 1.07 0.00	23.94 1.05 0.00	24.00 1.01 0.00	24.95 1.14 0.00	25.25 1.13 0.00	25.27 1.09 0.00	25.98 1.07 0.00	25.89 0.87 0.00	26.82 0.93 0.00	28.28 0.90 0.00	29.80 1.01 0.00	32.10 1.02 0.00	33.29 1.28 0.00	37.34 1.44 0.00	42.24 1.93 0.00	48.99 2.68 0.00	46.99 2.79 0.00	44.70 2.69 0.00	40.33 2.28 0.00	36.65 2.14 0.00	32.79 1.74 0.00	29.16 1.55 0.00
DANC__LFGE 323619	26.71 0.11 0.00	25.39 0.08 0.00	22.84 0.00 0.00	22.89 0.00 0.00	22.96 -0.02 0.00	23.76 -0.05 0.00	24.12 0.00 0.00	24.23 0.05 0.00	24.79 -0.12 0.00	24.96 -0.05 0.00	25.63 -0.26 0.00	27.13 -0.25 0.00	28.48 -0.32 0.00	30.80 -0.28 0.00	31.78 -0.22 0.00	35.72 -0.18 0.00	40.08 -0.24 -0.01	46.59 -0.09 -0.38	44.46 0.09 -0.17	42.47 0.08 -0.38	38.19 0.00 -0.14	34.77 0.14 -0.12	31.12 0.06 -0.01	27.59 -0.03 0.00
DANSKAMMER__1 23586	27.75 1.14 0.00	26.28 0.96 0.00	23.73 0.89 0.00	23.74 0.85 0.00	23.81 0.83 0.00	24.64 0.83 0.00	25.01 0.89 0.00	25.10 0.92 0.00	25.88 0.97 0.00	25.86 0.85 0.00	27.11 1.22 0.00	28.67 1.29 0.00	30.23 1.44 0.00	32.85 1.77 0.00	34.15 2.14 0.00	38.17 2.26 0.00	43.05 2.74 0.00	49.36 3.06 0.00	47.03 2.83 0.00	44.57 2.56 0.00	40.52 2.47 0.00	36.65 2.14 0.00	32.79 1.74 0.00	29.08 1.46 0.00
DANSKAMMER__2 23589	27.75 1.14 0.00	26.28 0.96 0.00	23.73 0.89 0.00	23.74 0.85 0.00	23.81 0.83 0.00	24.64 0.83 0.00	25.01 0.89 0.00	25.10 0.92 0.00	25.88 0.97 0.00	25.86 0.85 0.00	27.11 1.22 0.00	28.67 1.29 0.00	30.23 1.44 0.00	32.85 1.77 0.00	34.15 2.14 0.00	38.17 2.26 0.00	43.05 2.74 0.00	49.36 3.06 0.00	47.03 2.83 0.00	44.57 2.56 0.00	40.52 2.47 0.00	36.65 2.14 0.00	32.79 1.74 0.00	29.08 1.46 0.00
DANSKAMMER__3 23590	27.75 1.14 0.00	26.28 0.96 0.00	23.73 0.89 0.00	23.74 0.85 0.00	23.81 0.83 0.00	24.64 0.83 0.00	25.01 0.89 0.00	25.10 0.92 0.00	25.88 0.97 0.00	25.86 0.85 0.00	27.11 1.22 0.00	28.67 1.29 0.00	30.23 1.44 0.00	32.85 1.77 0.00	34.15 2.14 0.00	38.17 2.26 0.00	43.05 2.74 0.00	49.36 3.06 0.00	47.03 2.83 0.00	44.57 2.56 0.00	40.52 2.47 0.00	36.65 2.14 0.00	32.79 1.74 0.00	29.08 1.46 0.00



DANSKAMMER___4 23591	27.75 1.14 0.00	26.28 0.96 0.00	23.73 0.89 0.00	23.74 0.85 0.00	23.81 0.83 0.00	24.64 0.83 0.00	25.01 0.89 0.00	25.10 0.92 0.00	25.88 0.97 0.00	25.86 0.85 0.00	27.11 1.22 0.00	28.67 1.29 0.00	30.23 1.44 0.00	32.85 1.77 0.00	34.15 2.14 0.00	38.17 2.26 0.00	43.05 2.74 0.00	49.36 3.06 0.00	47.03 2.83 0.00	44.57 2.56 0.00	40.52 2.47 0.00	36.65 2.14 0.00	32.79 1.74 0.00	29.08 1.46 0.00
DANSKAMMER___DIESEL 23592	27.75 1.14 0.00	26.28 0.96 0.00	23.73 0.89 0.00	23.74 0.85 0.00	23.81 0.83 0.00	24.66 0.86 0.00	25.01 0.89 0.00	25.10 0.92 0.00	25.88 0.97 0.00	25.86 0.85 0.00	27.10 1.22 0.00	28.67 1.29 0.00	30.26 1.47 0.00	32.85 1.77 0.00	34.15 2.14 0.00	38.20 2.30 0.00	43.05 2.74 0.00	49.40 3.10 0.00	47.03 2.83 0.00	44.57 2.56 0.00	40.52 2.47 0.00	36.64 2.14 0.00	32.88 1.83 0.00	29.05 1.44 0.00
DARBY___SOLAR 323810	27.85 1.25 0.00	26.46 1.14 0.00	23.86 1.03 0.00	23.87 0.98 0.00	23.95 0.97 0.00	24.88 1.07 0.00	25.21 1.09 0.00	25.22 1.04 0.00	25.96 1.05 0.00	25.84 0.82 0.00	26.79 0.91 0.00	28.28 0.90 0.00	29.77 0.98 0.00	32.10 1.02 0.00	33.25 1.25 0.00	37.30 1.40 0.00	42.20 1.89 0.00	48.85 2.54 0.00	46.76 2.56 0.00	44.53 2.52 0.00	40.21 2.17 0.00	36.54 2.04 0.00	32.69 1.64 0.00	29.08 1.46 0.00
DASHVILLE___HYD 23610	27.43 0.82 0.00	25.97 0.66 0.00	23.43 0.59 0.00	23.44 0.55 0.00	23.54 0.55 0.00	24.35 0.55 0.00	24.67 0.55 0.00	24.78 0.60 0.00	25.53 0.62 0.00	25.56 0.55 0.00	26.79 0.91 0.00	28.36 0.99 0.00	29.92 1.12 0.00	32.50 1.43 0.00	33.80 1.79 0.00	37.81 1.90 0.00	42.60 2.30 0.00	48.80 2.50 0.00	46.41 2.21 0.00	44.03 2.02 0.00	40.06 2.02 0.00	36.20 1.69 0.00	32.51 1.46 0.00	28.75 1.13 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	28.68 2.08 0.00	27.06 1.75 0.00	24.37 1.53 0.00	24.33 1.44 0.00	24.37 1.38 0.00	25.26 1.45 0.00	25.95 1.83 0.00	25.80 1.62 0.00	26.68 1.77 0.00	26.64 1.63 0.00	29.58 2.28 -1.42	32.43 2.41 -2.65	33.51 2.65 -2.07	35.10 3.29 -0.73	35.81 3.81 0.00	40.21 4.31 0.00	45.55 5.24 0.00	52.28 5.97 0.00	54.15 5.48 -4.47	46.34 4.33 0.00	41.85 3.80 0.00	38.92 3.69 -0.72	34.17 2.89 -0.23	32.85 2.29 -2.94
DELAWARE___LFGE 323621	27.37 0.77 0.00	26.00 0.68 0.00	23.41 0.57 0.00	23.48 0.60 0.00	23.56 0.57 0.00	24.42 0.62 0.00	24.75 0.63 0.00	24.88 0.70 0.00	25.53 0.62 0.00	25.66 0.65 0.00	26.61 0.72 0.00	28.15 0.77 0.00	29.54 0.75 0.00	32.07 0.99 0.00	33.16 1.15 0.00	37.23 1.33 0.00	41.71 1.41 0.01	47.71 1.62 0.21	45.66 1.55 0.09	43.27 1.47 0.21	39.34 1.37 0.08	35.75 1.31 0.07	32.10 1.06 0.01	28.53 0.91 0.00
DERFIELD_115KV_TB7 355931	26.71 0.11 0.00	25.42 0.10 0.00	22.93 0.09 0.00	22.98 0.09 0.00	23.08 0.09 0.00	23.90 0.10 0.00	24.22 0.10 0.00	24.27 0.10 0.00	24.98 0.07 0.00	25.06 0.05 0.00	25.94 0.05 0.00	27.43 0.05 0.00	28.85 0.06 0.00	31.17 0.09 0.00	32.17 0.16 0.00	36.05 0.14 0.00	40.51 0.20 0.00	46.53 0.23 0.00	44.42 0.22 0.00	42.22 0.21 0.00	38.24 0.19 0.00	34.71 0.21 0.00	31.20 0.16 0.00	27.73 0.11 0.00
DOGLEVILLE___HYD 23807	27.19 0.58 0.00	25.85 0.53 0.00	23.29 0.46 0.00	23.35 0.46 0.00	23.45 0.46 0.00	24.28 0.48 0.00	24.60 0.48 0.00	24.69 0.51 0.00	25.33 0.42 0.00	25.41 0.40 0.00	26.30 0.41 0.00	27.79 0.41 0.00	29.20 0.40 0.00	31.60 0.53 0.00	32.52 0.51 0.00	36.51 0.61 0.00	41.03 0.73 0.00	47.18 0.88 0.00	45.08 0.88 0.00	42.85 0.84 0.00	38.81 0.76 0.00	35.30 0.79 0.00	31.73 0.68 0.00	28.20 0.58 0.00
DUNKIRK___115KV_TB_200 55889	26.34 -0.27 0.00	24.89 -0.43 0.00	22.31 -0.53 0.00	22.29 -0.60 0.00	22.39 -0.60 0.00	23.26 -0.55 0.00	23.78 -0.34 0.00	24.03 -0.15 0.00	24.51 -0.40 0.00	25.36 0.35 0.00	26.10 0.21 0.00	27.98 0.60 0.00	29.14 0.35 0.00	31.70 0.62 0.00	32.55 0.54 0.00	36.91 1.01 0.00	40.36 0.08 0.03	44.28 -0.93 1.10	42.97 -0.75 0.48	39.84 -1.09 1.08	36.16 -1.48 0.40	32.80 -1.35 0.35	30.15 -0.87 0.03	27.18 -0.44 0.00
DUNKIRK___1 23563	26.34 -0.27 0.00	24.89 -0.43 0.00	22.31 -0.53 0.00	22.29 -0.60 0.00	22.39 -0.60 0.00	23.26 -0.55 0.00	23.78 -0.34 0.00	24.03 -0.15 0.00	24.51 -0.40 0.00	25.36 0.35 0.00	26.10 0.21 0.00	27.98 0.60 0.00	29.14 0.35 0.00	31.70 0.62 0.00	32.55 0.54 0.00	36.91 1.01 0.00	40.36 0.08 0.03	44.28 -0.93 1.10	42.97 -0.75 0.48	39.84 -1.09 1.08	36.16 -1.48 0.40	32.80 -1.35 0.35	30.15 -0.87 0.03	27.18 -0.44 0.00
DUNKIRK___2 23564	26.34 -0.27 0.00	24.89 -0.43 0.00	22.31 -0.53 0.00	22.29 -0.60 0.00	22.39 -0.60 0.00	23.26 -0.55 0.00	23.78 -0.34 0.00	24.03 -0.15 0.00	24.51 -0.40 0.00	25.36 0.35 0.00	26.10 0.21 0.00	27.98 0.60 0.00	29.14 0.35 0.00	31.70 0.62 0.00	32.55 0.54 0.00	36.91 1.01 0.00	40.36 0.08 0.03	44.28 -0.93 1.10	42.97 -0.75 0.48	39.84 -1.09 1.08	36.16 -1.48 0.40	32.80 -1.35 0.35	30.15 -0.87 0.03	27.18 -0.44 0.00
DUNKIRK___3 23565	26.18 -0.43 0.00	24.73 -0.58 0.00	22.17 -0.66 0.00	22.16 -0.73 0.00	22.25 -0.74 0.00	23.09 -0.71 0.00	23.61 -0.51 0.00	23.86 -0.31 0.00	24.31 -0.60 0.00	25.16 0.15 0.00	25.87 -0.03 0.00	27.73 0.36 0.00	28.91 0.12 0.00	31.42 0.34 0.00	32.26 0.26 0.00	36.59 0.68 0.00	39.99 -0.28 0.03	43.86 -1.34 1.10	42.57 -1.15 0.48	39.50 -1.43 1.08	35.90 -1.75 0.40	32.53 -1.62 0.36	29.93 -1.09 0.03	27.01 -0.61 0.00
DUNKIRK___4 23566	26.18 -0.43 0.00	24.73 -0.58 0.00	22.17 -0.66 0.00	22.16 -0.73 0.00	22.25 -0.74 0.00	23.09 -0.71 0.00	23.61 -0.51 0.00	23.86 -0.31 0.00	24.31 -0.60 0.00	25.16 0.15 0.00	25.87 -0.03 0.00	27.73 0.36 0.00	28.91 0.12 0.00	31.42 0.34 0.00	32.26 0.26 0.00	36.59 0.68 0.00	39.99 -0.28 0.03	43.86 -1.34 1.10	42.57 -1.15 0.48	39.50 -1.43 1.08	35.90 -1.75 0.40	32.53 -1.62 0.36	29.93 -1.09 0.03	27.01 -0.61 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	27.77 1.17 0.00	26.33 1.01 0.00	23.77 0.94 0.00	23.76 0.87 0.00	23.86 0.87 0.00	24.69 0.88 0.00	25.09 0.96 0.00	25.24 1.06 0.00	26.03 1.12 0.00	26.01 1.00 0.00	27.31 1.42 0.00	28.88 1.51 0.00	30.41 1.61 0.00	33.03 1.96 0.00	34.31 2.30 0.00	38.31 2.41 0.00	43.09 2.78 0.00	49.31 3.01 0.00	46.90 2.70 0.00	44.41 2.39 0.00	40.52 2.47 0.00	36.71 2.21 0.00	32.94 1.89 0.00	29.14 1.52 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	27.53 0.93 0.00	26.10 0.78 0.00	23.54 0.71 0.00	23.55 0.66 0.00	23.65 0.67 0.00	24.47 0.67 0.00	24.84 0.72 0.00	24.95 0.77 0.00	25.71 0.80 0.00	25.69 0.68 0.00	26.92 1.04 0.00	28.47 1.10 0.00	30.00 1.21 0.00	32.57 1.49 0.00	33.83 1.82 0.00	37.84 1.94 0.00	42.65 2.34 0.00	48.94 2.64 0.00	46.54 2.34 0.00	44.15 2.14 0.00	40.14 2.09 0.00	36.30 1.79 0.00	32.60 1.55 0.00	28.83 1.22 0.00



E179THST_138_KV_TB4_REV_LBMP_J 345001	27.85 1.25 0.00	26.45 1.14 0.00	23.91 1.07 0.00	23.87 0.98 0.00	23.95 0.97 0.00	24.73 0.93 0.00	25.09 0.96 0.00	25.27 1.09 0.00	26.03 1.12 0.00	26.01 1.00 0.00	27.34 1.45 0.00	28.94 1.56 0.00	30.52 1.73 0.00	33.22 2.14 0.00	34.53 2.53 0.00	38.45 2.55 0.00	43.09 2.78 0.00	49.17 2.87 0.00	46.76 2.56 0.00	44.24 2.23 0.00	40.63 2.59 0.00	36.78 2.28 0.00	33.10 2.05 0.00	29.27 1.66 0.00
E179THST_13_KV_LOAD 356214	27.96 1.36 0.00	26.56 1.24 0.00	24.00 1.16 0.00	23.94 1.05 0.00	24.04 1.06 0.00	24.83 1.02 0.00	25.18 1.06 0.00	25.39 1.21 0.00	26.16 1.25 0.00	26.14 1.13 0.00	27.47 1.58 0.00	29.10 1.72 0.00	30.66 1.87 0.00	33.41 2.33 0.00	34.73 2.72 0.00	38.63 2.73 0.00	43.33 3.02 0.00	49.45 3.15 0.00	47.03 2.83 0.00	44.49 2.48 0.00	40.82 2.78 0.00	36.96 2.45 0.00	33.28 2.24 0.00	29.41 1.80 0.00
EAST HAMPTON___GT 23717	28.94 2.34 0.00	27.29 1.98 0.00	24.64 1.80 0.00	24.56 1.67 0.00	24.62 1.63 0.00	25.52 1.71 0.00	26.19 2.07 0.00	26.06 1.89 0.00	27.00 2.09 0.00	26.96 1.95 0.00	29.96 2.64 -1.43	32.83 2.79 -2.65	33.95 3.08 -2.08	35.64 3.82 -0.74	36.39 4.38 0.00	40.82 4.92 0.00	46.15 5.84 0.00	53.11 6.81 0.00	55.13 6.45 -4.48	47.09 5.08 0.00	42.27 4.22 0.00	39.37 4.14 -0.73	34.42 3.13 -0.24	33.08 2.51 -2.95
EAST RIVER___6 23660	27.91 1.30 0.00	26.46 1.14 0.00	23.86 1.03 0.00	23.85 0.96 0.00	23.95 0.97 0.00	24.76 0.95 0.00	25.21 1.09 0.00	25.41 1.23 0.00	26.20 1.29 0.00	26.19 1.18 0.00	27.49 1.61 0.00	29.10 1.73 0.00	30.64 1.84 0.00	33.37 2.30 0.00	34.66 2.65 0.00	38.67 2.76 0.00	43.49 3.18 0.00	49.64 3.34 0.00	47.21 3.01 0.00	44.66 2.65 0.00	40.82 2.78 0.00	36.96 2.45 0.00	33.13 2.08 0.00	29.36 1.74 0.00
EAST RIVER___7 23524	27.91 1.30 0.00	26.46 1.14 0.00	23.86 1.03 0.00	23.85 0.96 0.00	23.95 0.97 0.00	24.76 0.95 0.00	25.21 1.09 0.00	25.41 1.23 0.00	26.20 1.29 0.00	26.19 1.18 0.00	27.49 1.61 0.00	29.10 1.73 0.00	30.64 1.84 0.00	33.37 2.30 0.00	34.66 2.65 0.00	38.67 2.76 0.00	43.49 3.18 0.00	49.64 3.34 0.00	47.21 3.01 0.00	44.66 2.65 0.00	40.82 2.78 0.00	36.96 2.45 0.00	33.13 2.08 0.00	29.36 1.74 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	27.72 1.12 0.00	26.28 0.96 0.00	23.73 0.89 0.00	23.74 0.85 0.00	23.81 0.83 0.00	24.64 0.83 0.00	25.04 0.92 0.00	25.19 1.02 0.00	25.96 1.05 0.00	25.94 0.93 0.00	27.23 1.35 0.00	28.80 1.42 0.00	30.32 1.53 0.00	32.94 1.86 0.00	34.21 2.21 0.00	38.20 2.30 0.00	43.01 2.70 0.00	49.22 2.92 0.00	46.81 2.61 0.00	44.32 2.31 0.00	40.41 2.36 0.00	36.61 2.10 0.00	32.85 1.80 0.00	29.08 1.46 0.00
EAST_HAMPTON___DIESEL 23722	28.94 2.34 0.00	27.29 1.98 0.00	24.62 1.78 0.00	24.56 1.67 0.00	24.62 1.63 0.00	25.52 1.71 0.00	26.19 2.07 0.00	26.06 1.89 0.00	27.00 2.09 0.00	26.96 1.95 0.00	29.96 2.64 -1.43	32.83 2.79 -2.65	33.95 3.08 -2.08	35.64 3.82 -0.74	36.39 4.38 0.00	40.82 4.92 0.00	46.15 5.84 0.00	53.11 6.81 0.00	55.13 6.45 -4.48	47.09 5.08 0.00	42.27 4.22 0.00	39.37 4.14 -0.73	34.42 3.13 -0.24	33.08 2.51 -2.95
EAST_POINT___SOLAR 323840	29.00 2.40 0.00	27.52 2.20 0.00	24.71 1.87 0.00	24.74 1.85 0.00	24.78 1.79 0.00	25.83 2.02 0.00	26.05 1.93 0.00	25.55 1.38 0.00	25.73 0.82 0.00	25.36 0.35 0.00	26.30 0.41 0.00	27.76 0.38 0.00	29.23 0.43 0.00	31.66 0.59 0.00	32.87 0.86 0.00	37.34 1.44 0.00	42.56 2.26 0.00	51.07 4.77 0.00	49.37 5.17 0.00	46.76 4.75 0.00	42.08 4.03 0.00	38.34 3.83 0.00	34.22 3.17 0.00	30.35 2.73 0.00
EAST_PULASKI___ESR 323781	26.55 -0.05 0.00	25.24 -0.08 0.00	22.72 -0.11 0.00	22.77 -0.11 0.00	22.87 -0.11 0.00	23.66 -0.14 0.00	24.00 -0.12 0.00	24.06 -0.12 0.00	24.64 -0.27 0.00	24.84 -0.17 0.00	25.53 -0.36 0.00	27.05 -0.33 0.00	28.42 -0.38 0.00	30.73 -0.34 0.00	31.72 -0.29 0.00	35.65 -0.25 0.00	39.93 -0.40 -0.02	46.79 -0.32 -0.81	44.38 -0.18 -0.35	42.59 -0.21 -0.79	38.08 -0.26 -0.29	34.63 -0.14 -0.26	30.92 -0.15 -0.02	27.43 -0.19 0.00
EAST_RIVER___1 323558	27.85 1.25 0.00	26.40 1.09 0.00	23.84 1.00 0.00	23.83 0.94 0.00	23.91 0.92 0.00	24.71 0.90 0.00	25.16 1.04 0.00	25.36 1.18 0.00	26.13 1.22 0.00	26.14 1.13 0.00	27.44 1.55 0.00	29.05 1.67 0.00	30.58 1.79 0.00	33.25 2.17 0.00	34.57 2.56 0.00	38.56 2.66 0.00	43.33 3.02 0.00	49.49 3.19 0.00	47.12 2.92 0.00	44.53 2.52 0.00	40.75 2.70 0.00	36.88 2.38 0.00	33.07 2.02 0.00	29.27 1.66 0.00
EAST_RIVER___2 323559	27.91 1.30 0.00	26.46 1.14 0.00	23.86 1.03 0.00	23.85 0.96 0.00	23.95 0.97 0.00	24.76 0.95 0.00	25.21 1.09 0.00	25.41 1.23 0.00	26.20 1.29 0.00	26.19 1.18 0.00	27.49 1.61 0.00	29.10 1.73 0.00	30.64 1.84 0.00	33.37 2.30 0.00	34.66 2.65 0.00	38.67 2.76 0.00	43.49 3.18 0.00	49.64 3.34 0.00	47.21 3.01 0.00	44.66 2.65 0.00	40.82 2.78 0.00	36.96 2.45 0.00	33.13 2.08 0.00	29.36 1.74 0.00
EAST___DELAWARE_HYD 23607	27.75 1.14 0.00	26.30 0.99 0.00	23.70 0.87 0.00	23.71 0.82 0.00	23.79 0.80 0.00	24.64 0.83 0.00	24.99 0.87 0.00	25.10 0.92 0.00	25.83 0.92 0.00	25.89 0.87 0.00	27.03 1.14 0.00	28.61 1.23 0.00	30.15 1.35 0.00	32.75 1.68 0.00	34.08 2.08 0.00	38.17 2.26 0.00	43.05 2.74 0.00	49.45 3.15 0.00	47.16 2.96 0.00	44.70 2.69 0.00	40.60 2.55 0.00	36.72 2.21 0.00	32.85 1.80 0.00	29.11 1.49 0.00
EIGHT_POINT___WT_PWR 323820	28.09 1.49 0.00	26.51 1.19 0.00	23.68 0.85 0.00	23.69 0.80 0.00	23.84 0.85 0.00	24.76 0.95 0.00	25.18 1.06 0.00	25.80 1.62 0.00	26.18 1.27 0.00	26.89 1.88 0.00	27.63 1.73 0.00	29.43 2.05 0.00	30.78 1.99 0.00	33.47 2.39 0.00	34.60 2.59 0.00	39.21 3.30 0.00	43.19 2.90 0.02	48.13 2.59 0.76	46.83 2.96 0.33	43.32 2.06 0.75	39.14 1.37 0.28	35.50 1.24 0.25	32.67 1.64 0.02	29.14 1.52 0.00
ELBRIDGE_115KV_TB2 80188	26.52 -0.08 0.00	25.21 -0.10 0.00	22.70 -0.14 0.00	22.75 -0.14 0.00	22.85 -0.14 0.00	23.66 -0.14 0.00	24.00 -0.12 0.00	24.03 -0.15 0.00	24.61 -0.30 0.00	24.89 -0.13 0.00	25.60 -0.28 0.00	27.13 -0.25 0.00	28.53 -0.26 0.00	30.89 -0.19 0.00	31.88 -0.13 0.00	35.83 -0.07 0.00	40.11 -0.20 0.00	46.16 -0.14 0.00	44.11 -0.09 0.00	41.88 -0.13 0.00	37.86 -0.19 0.00	34.33 -0.17 0.00	30.86 -0.19 0.00	27.42 -0.19 0.00
ELEC_TRO_TEK 24086	28.12 1.52 0.00	26.58 1.27 0.00	23.95 1.12 0.00	23.94 1.05 0.00	24.00 1.01 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.41 1.23 0.00	26.25 1.35 0.00	26.24 1.23 0.00	29.07 1.76 -1.42	31.91 1.89 -2.65	32.91 2.04 -2.07	34.23 2.42 -0.73	34.76 2.75 0.00	38.81 2.91 0.00	43.65 3.35 0.00	49.96 3.66 0.00	51.99 3.32 -4.47	44.74 2.73 0.00	40.79 2.74 0.00	37.88 2.66 -0.72	33.58 2.30 -0.23	32.47 1.91 -2.94



ELLENBURG_WT_PWR 323604	27.67 1.07 0.00	26.51 1.19 0.00	23.91 1.07 0.00	23.94 1.05 0.00	24.11 1.13 0.00	24.97 1.17 0.00	25.35 1.23 0.00	25.51 1.33 0.00	26.30 1.39 0.00	26.44 1.42 0.00	27.34 1.45 0.00	28.83 1.45 0.00	30.38 1.58 0.00	32.60 1.52 0.00	33.41 1.41 0.00	37.59 1.69 0.00	42.36 2.05 0.00	48.48 2.18 0.00	46.19 1.99 0.00	43.90 1.89 0.00	39.53 1.48 0.00	35.64 1.14 0.00	32.04 0.99 0.00	28.56 0.94 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	25.83 -0.77 0.00	24.40 -0.91 0.00	21.88 -0.96 0.00	21.86 -1.03 0.00	21.95 -1.03 0.00	22.78 -1.02 0.00	23.28 -0.84 0.00	23.36 -0.82 0.00	23.81 -1.10 0.00	24.66 -0.35 0.00	25.29 -0.60 0.00	27.13 -0.25 0.00	28.30 -0.49 0.00	30.74 -0.34 0.00	31.56 -0.45 0.00	35.80 -0.11 0.00	39.19 -1.09 0.03	43.02 -2.13 1.16	41.88 -1.81 0.50	38.86 -2.02 1.13	35.38 -2.24 0.42	32.10 -2.04 0.37	29.43 -1.58 0.03	26.65 -0.97 0.00
EMPIRE_CC_1 323656	27.19 0.58 0.00	25.85 0.53 0.00	23.38 0.55 0.00	23.42 0.53 0.00	23.52 0.53 0.00	24.35 0.55 0.00	24.68 0.56 0.00	24.78 0.60 0.00	25.43 0.52 0.00	25.29 0.28 0.00	26.33 0.44 0.00	27.71 0.33 0.00	29.14 0.35 0.00	31.51 0.43 0.00	32.64 0.64 0.00	36.55 0.65 0.00	41.16 0.85 0.00	47.32 1.02 0.00	45.08 0.88 0.00	43.06 1.05 0.00	39.00 0.95 0.00	35.40 0.90 0.00	31.70 0.65 0.00	28.25 0.64 0.00
EMPIRE_CC_2 323658	27.19 0.58 0.00	25.85 0.53 0.00	23.38 0.55 0.00	23.42 0.53 0.00	23.52 0.53 0.00	24.35 0.55 0.00	24.68 0.56 0.00	24.78 0.60 0.00	25.43 0.52 0.00	25.29 0.28 0.00	26.33 0.44 0.00	27.71 0.33 0.00	29.14 0.35 0.00	31.51 0.43 0.00	32.64 0.64 0.00	36.55 0.65 0.00	41.16 0.85 0.00	47.32 1.02 0.00	45.08 0.88 0.00	43.06 1.05 0.00	39.00 0.95 0.00	35.40 0.90 0.00	31.70 0.65 0.00	28.25 0.64 0.00
ENORWICH_115KV_TB1 80156	28.97 2.37 0.00	27.44 2.13 0.00	24.57 1.74 0.00	24.60 1.72 0.00	24.69 1.70 0.00	25.64 1.83 0.00	26.03 1.91 0.00	26.35 2.18 0.00	26.73 1.82 0.00	27.06 2.05 0.00	27.70 1.81 0.00	29.30 1.92 0.00	30.55 1.76 0.00	33.34 2.27 0.00	34.57 2.56 0.00	38.92 3.02 0.00	43.56 3.26 0.01	50.06 4.07 0.32	48.30 4.24 0.14	45.81 4.12 0.31	41.47 3.54 0.12	37.75 3.35 0.10	33.74 2.70 0.01	30.02 2.40 0.00
ERIE_ST__34_KV_TB1-2 80199	26.18 -0.43 0.00	24.71 -0.61 0.00	22.15 -0.69 0.00	22.13 -0.76 0.00	22.23 -0.76 0.00	23.07 -0.74 0.00	23.57 -0.55 0.00	24.03 -0.15 0.00	24.51 -0.40 0.00	25.36 0.35 0.00	26.06 0.16 -0.02	27.98 0.60 0.00	29.14 0.35 0.00	31.68 0.59 -0.02	32.50 0.48 -0.02	36.89 0.97 -0.02	39.91 -0.36 0.03	43.19 -1.99 1.12	41.94 -1.77 0.49	38.94 -1.97 1.10	35.36 -2.28 0.41	32.07 -2.07 0.36	29.90 -1.12 0.03	27.04 -0.58 0.00
ERIE_WT_PWR 323693	26.02 -0.59 0.00	24.58 -0.73 0.00	22.04 -0.80 0.00	22.02 -0.87 0.00	22.11 -0.87 0.00	23.02 -0.78 0.00	23.44 -0.68 0.00	23.62 -0.56 0.00	24.06 -0.85 0.00	24.91 -0.10 0.00	25.58 -0.31 0.00	27.46 0.08 0.00	28.65 -0.14 0.00	31.11 0.03 0.00	31.95 -0.06 0.00	36.30 0.40 0.00	39.67 -0.60 0.03	43.36 -1.81 1.13	42.38 -1.32 0.49	39.10 -1.81 1.11	35.35 -2.28 0.41	32.24 -1.90 0.37	29.71 -1.30 0.03	26.87 -0.74 0.00
ESPRGFLD_115KV_TB1 80157	28.17 1.57 0.00	26.71 1.39 0.00	23.98 1.14 0.00	24.06 1.17 0.00	24.11 1.13 0.00	25.07 1.26 0.00	25.37 1.25 0.00	25.41 1.23 0.00	25.96 1.05 0.00	26.01 1.00 0.00	26.90 1.01 0.00	28.45 1.07 0.00	29.86 1.07 0.00	32.41 1.34 0.00	33.57 1.57 0.00	37.88 1.97 0.00	42.60 2.30 0.00	49.54 3.24 0.00	47.52 3.32 0.00	45.08 3.07 0.00	40.71 2.66 0.00	37.06 2.55 0.00	33.13 2.08 0.00	29.41 1.80 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	27.27 0.67 0.00	25.87 0.56 0.00	23.25 0.41 0.00	23.30 0.41 0.00	23.40 0.41 0.00	24.23 0.43 0.00	24.60 0.48 0.00	24.76 0.58 0.00	25.31 0.40 0.00	25.59 0.58 0.00	26.30 0.41 0.00	27.87 0.49 0.00	29.25 0.46 0.00	31.73 0.65 0.00	32.81 0.80 0.00	36.94 1.04 0.00	41.35 1.05 0.01	47.28 1.34 0.37	45.50 1.46 0.16	42.95 1.30 0.36	38.94 1.03 0.13	35.32 0.93 0.12	31.85 0.81 0.01	28.31 0.69 0.00
ETNA____115KV_TB2 80207	27.27 0.67 0.00	25.87 0.56 0.00	23.25 0.41 0.00	23.30 0.41 0.00	23.40 0.41 0.00	24.23 0.43 0.00	24.60 0.48 0.00	24.76 0.58 0.00	25.31 0.40 0.00	25.59 0.58 0.00	26.30 0.41 0.00	27.87 0.49 0.00	29.25 0.46 0.00	31.73 0.65 0.00	32.81 0.80 0.00	36.94 1.04 0.00	41.35 1.05 0.01	47.28 1.34 0.37	45.50 1.46 0.16	42.95 1.30 0.36	38.94 1.03 0.13	35.32 0.93 0.12	31.85 0.81 0.01	28.31 0.69 0.00
EUCLID__115KV_TB2 356179	26.39 -0.21 0.00	25.11 -0.20 0.00	22.61 -0.23 0.00	22.66 -0.23 0.00	22.78 -0.21 0.00	23.57 -0.24 0.00	23.90 -0.22 0.00	23.91 -0.27 0.00	24.54 -0.37 0.00	24.79 -0.23 0.00	25.47 -0.41 0.00	27.00 -0.38 0.00	28.39 -0.40 0.00	30.73 -0.34 0.00	31.72 -0.29 0.00	35.62 -0.29 0.00	39.88 -0.40 0.02	45.17 -0.42 0.71	43.54 -0.35 0.31	40.93 -0.38 0.70	37.41 -0.38 0.26	33.90 -0.38 0.23	30.66 -0.37 0.02	27.29 -0.33 0.00
E_CANADA_CAP_HY 24051	28.57 1.97 0.00	27.11 1.80 0.00	24.37 1.53 0.00	24.40 1.51 0.00	24.46 1.47 0.00	25.47 1.67 0.00	25.76 1.64 0.00	25.60 1.43 0.00	26.11 1.20 0.00	25.91 0.90 0.00	26.82 0.93 0.00	28.34 0.96 0.00	29.80 1.01 0.00	32.32 1.24 0.00	33.51 1.50 0.00	37.91 2.01 0.00	42.85 2.54 0.00	50.38 4.08 0.00	48.44 4.24 0.00	45.92 3.91 0.00	41.40 3.35 0.00	37.72 3.21 0.00	33.72 2.67 0.00	29.91 2.29 0.00
E_CANADA_MHWK_HY 24050	27.19 0.58 0.00	25.85 0.53 0.00	23.29 0.46 0.00	23.35 0.46 0.00	23.45 0.46 0.00	24.28 0.48 0.00	24.60 0.48 0.00	24.69 0.51 0.00	25.33 0.42 0.00	25.41 0.40 0.00	26.30 0.41 0.00	27.79 0.41 0.00	29.20 0.40 0.00	31.60 0.53 0.00	32.52 0.51 0.00	36.51 0.61 0.00	41.03 0.73 0.00	47.18 0.88 0.00	45.08 0.88 0.00	42.85 0.84 0.00	38.81 0.76 0.00	35.30 0.79 0.00	31.73 0.68 0.00	28.20 0.58 0.00
E_FISHKILL__LBMP 23776	27.53 0.93 0.00	26.10 0.78 0.00	23.59 0.75 0.00	23.60 0.71 0.00	23.68 0.69 0.00	24.52 0.71 0.00	24.89 0.77 0.00	25.02 0.85 0.00	25.76 0.85 0.00	25.71 0.70 0.00	26.95 1.06 0.00	28.50 1.12 0.00	30.00 1.21 0.00	32.57 1.49 0.00	33.80 1.79 0.00	37.77 1.87 0.00	42.52 2.22 0.00	48.71 2.41 0.00	46.37 2.17 0.00	43.99 1.97 0.00	40.03 1.98 0.00	36.27 1.76 0.00	32.54 1.49 0.00	28.83 1.22 0.00
FALCON___SEABRD_CC1 323796	27.69 1.09 0.00	26.53 1.22 0.00	23.93 1.10 0.00	23.96 1.08 0.00	24.14 1.15 0.00	24.99 1.19 0.00	25.40 1.28 0.00	25.53 1.35 0.00	26.33 1.42 0.00	26.46 1.45 0.00	27.36 1.47 0.00	28.86 1.48 0.00	30.40 1.61 0.00	32.63 1.55 0.00	33.45 1.44 0.00	37.63 1.72 0.00	42.44 2.13 0.00	48.52 2.22 0.00	46.28 2.08 0.00	43.99 1.97 0.00	39.64 1.60 0.00	35.71 1.21 0.00	32.10 1.06 0.00	28.61 0.99 0.00



FALCON___SEABRD_CC2 323797	27.69 1.09 0.00	26.53 1.22 0.00	23.93 1.10 0.00	23.96 1.08 0.00	24.14 1.15 0.00	24.99 1.19 0.00	25.40 1.28 0.00	25.53 1.35 0.00	26.33 1.42 0.00	26.46 1.45 0.00	27.36 1.47 0.00	28.86 1.48 0.00	30.40 1.61 0.00	32.63 1.55 0.00	33.45 1.44 0.00	37.63 1.72 0.00	42.44 2.13 0.00	48.52 2.22 0.00	46.28 2.08 0.00	43.99 1.97 0.00	39.64 1.60 0.00	35.71 1.21 0.00	32.10 1.06 0.00	28.61 0.99 0.00
FAR ROCKAWAY___4 23548	28.49 1.89 0.00	26.91 1.59 0.00	24.25 1.42 0.00	24.22 1.33 0.00	24.27 1.29 0.00	25.14 1.33 0.00	25.57 1.45 0.00	25.68 1.50 0.00	26.55 1.64 0.00	26.56 1.55 0.00	29.45 2.15 -1.42	32.35 2.33 -2.65	33.37 2.50 -2.07	34.79 2.98 -0.73	35.37 3.36 0.00	39.46 3.55 0.00	44.42 4.11 0.00	50.79 4.49 0.00	52.87 4.20 -4.47	45.50 3.49 0.00	41.39 3.35 0.00	38.47 3.24 -0.72	34.08 2.79 -0.23	32.88 2.32 -2.94
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	27.85 1.25 0.00	26.40 1.09 0.00	23.84 1.00 0.00	23.83 0.94 0.00	23.91 0.92 0.00	24.73 0.93 0.00	25.16 1.04 0.00	25.36 1.18 0.00	26.16 1.25 0.00	26.14 1.13 0.00	27.44 1.55 0.00	29.05 1.67 0.00	30.61 1.81 0.00	33.28 2.21 0.00	34.57 2.56 0.00	38.56 2.66 0.00	43.33 3.02 0.00	49.54 3.24 0.00	47.12 2.92 0.00	44.57 2.56 0.00	40.75 2.70 0.00	36.89 2.38 0.00	33.10 2.05 0.00	29.27 1.66 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	27.88 1.28 0.00	26.40 1.09 0.00	23.84 1.00 0.00	23.83 0.94 0.00	23.93 0.94 0.00	24.73 0.93 0.00	25.16 1.04 0.00	25.36 1.18 0.00	26.16 1.25 0.00	26.14 1.13 0.00	27.44 1.55 0.00	29.05 1.67 0.00	30.61 1.81 0.00	33.28 2.21 0.00	34.57 2.56 0.00	38.60 2.69 0.00	43.37 3.06 0.00	49.54 3.24 0.00	47.12 2.92 0.00	44.57 2.56 0.00	40.75 2.70 0.00	36.92 2.42 0.00	33.13 2.08 0.00	29.27 1.66 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	27.85 1.25 0.00	26.40 1.09 0.00	23.84 1.00 0.00	23.83 0.94 0.00	23.91 0.92 0.00	24.73 0.93 0.00	25.16 1.04 0.00	25.34 1.16 0.00	26.13 1.22 0.00	26.11 1.10 0.00	27.44 1.55 0.00	29.02 1.64 0.00	30.58 1.79 0.00	33.25 2.18 0.00	34.53 2.53 0.00	38.56 2.66 0.00	43.29 2.98 0.00	49.50 3.19 0.00	47.07 2.87 0.00	44.53 2.52 0.00	40.71 2.66 0.00	36.89 2.38 0.00	33.10 2.05 0.00	29.25 1.63 0.00
FARRAGUT___LBMP 323566	27.83 1.22 0.00	26.38 1.06 0.00	23.82 0.98 0.00	23.80 0.92 0.00	23.88 0.90 0.00	24.71 0.90 0.00	25.13 1.01 0.00	25.34 1.16 0.00	26.11 1.20 0.00	26.11 1.10 0.00	27.42 1.53 0.00	29.02 1.64 0.00	30.55 1.76 0.00	33.22 2.14 0.00	34.53 2.53 0.00	38.52 2.62 0.00	43.29 2.98 0.00	49.45 3.15 0.00	47.03 2.83 0.00	44.49 2.48 0.00	40.71 2.66 0.00	36.85 2.35 0.00	33.07 2.02 0.00	29.25 1.63 0.00
FENNER___WINDPWR 24204	27.24 0.64 0.00	25.87 0.56 0.00	23.27 0.43 0.00	23.32 0.43 0.00	23.42 0.44 0.00	24.28 0.48 0.00	24.63 0.51 0.00	24.76 0.58 0.00	25.33 0.42 0.00	25.56 0.55 0.00	26.33 0.44 0.00	27.84 0.46 0.00	29.23 0.43 0.00	31.66 0.59 0.00	32.71 0.70 0.00	36.76 0.86 0.00	41.18 0.89 0.01	47.11 1.11 0.30	45.22 1.15 0.13	42.77 1.05 0.30	38.81 0.88 0.11	35.27 0.86 0.10	31.75 0.71 0.01	28.22 0.61 0.00
FIBERTEK___ENERGY 23856	26.66 0.05 0.00	25.37 0.05 0.00	22.81 -0.02 0.00	22.87 -0.02 0.00	22.99 0.00 0.00	23.78 -0.02 0.00	24.12 0.00 0.00	24.15 -0.02 0.00	24.76 -0.15 0.00	25.01 0.00 0.00	25.73 -0.16 0.00	27.27 -0.11 0.00	28.68 -0.12 0.00	31.04 -0.03 0.00	32.07 0.06 0.00	36.05 0.14 0.00	40.35 0.04 0.00	46.39 0.09 0.00	44.38 0.18 0.00	42.10 0.08 0.00	38.08 0.04 0.00	34.54 0.03 0.00	31.05 0.00 0.00	27.59 -0.03 0.00
FITZPATRICK____ 23598	26.10 -0.51 0.00	24.86 -0.45 0.00	22.40 -0.43 0.00	22.45 -0.44 0.00	22.55 -0.44 0.00	23.35 -0.45 0.00	23.66 -0.46 0.00	23.67 -0.51 0.00	24.29 -0.62 0.00	24.48 -0.53 0.00	25.19 -0.70 0.00	26.67 -0.71 0.00	28.04 -0.75 0.00	30.33 -0.75 0.00	31.27 -0.73 0.00	35.11 -0.79 0.00	39.34 -0.97 0.00	45.24 -1.06 0.00	43.23 -0.97 0.00	41.05 -0.96 0.00	37.13 -0.91 0.00	33.68 -0.83 0.00	30.27 -0.77 0.00	26.93 -0.69 0.00
FLOWRFLD_69_KV_BK1 356044	28.41 1.81 0.00	26.81 1.49 0.00	24.14 1.30 0.00	24.10 1.21 0.00	24.14 1.15 0.00	25.02 1.21 0.00	25.62 1.50 0.00	25.58 1.40 0.00	26.45 1.54 0.00	26.41 1.40 0.00	29.32 2.02 -1.42	32.08 2.05 -2.65	33.11 2.25 -2.07	34.51 2.70 -0.73	35.14 3.14 0.00	39.35 3.45 0.00	44.50 4.19 0.00	50.75 4.45 0.00	52.74 4.07 -4.47	45.41 3.40 0.00	41.20 3.16 0.00	38.40 3.17 -0.72	33.89 2.61 -0.23	32.72 2.15 -2.94
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	27.77 1.17 0.00	26.33 1.01 0.00	23.77 0.94 0.00	23.76 0.87 0.00	23.86 0.87 0.00	24.69 0.88 0.00	25.04 0.92 0.00	25.14 0.97 0.00	25.91 1.00 0.00	25.89 0.88 0.00	27.13 1.24 0.00	28.72 1.34 0.00	30.29 1.50 0.00	32.91 1.83 0.00	34.21 2.21 0.00	38.27 2.37 0.00	43.13 2.82 0.00	49.50 3.19 0.00	47.12 2.92 0.00	44.66 2.65 0.00	40.63 2.59 0.00	36.71 2.21 0.00	32.91 1.86 0.00	29.11 1.49 0.00
FORT ORANGE____ 23900	27.11 0.50 0.00	25.77 0.46 0.00	23.45 0.62 0.00	23.48 0.59 0.00	23.56 0.57 0.00	24.42 0.62 0.00	24.75 0.63 0.00	24.81 0.63 0.00	25.51 0.60 0.00	25.24 0.22 0.00	26.25 0.36 0.00	27.60 0.22 0.00	29.08 0.29 0.00	31.48 0.40 0.00	32.61 0.61 0.00	36.58 0.68 0.00	41.24 0.93 0.00	47.55 1.25 0.00	45.39 1.19 0.00	43.23 1.22 0.00	39.15 1.10 0.00	35.47 0.96 0.00	31.76 0.71 0.00	28.25 0.64 0.00
FORT_DRUM_COGEN 23780	26.92 0.32 0.00	25.59 0.28 0.00	23.00 0.16 0.00	23.03 0.14 0.00	23.10 0.11 0.00	23.92 0.12 0.00	24.31 0.19 0.00	24.47 0.29 0.00	24.98 0.07 0.00	25.14 0.13 0.00	25.78 -0.10 0.00	27.21 -0.16 0.00	28.56 -0.23 0.00	30.86 -0.22 0.00	31.81 -0.19 0.00	35.83 -0.07 0.00	40.35 0.04 -0.01	46.77 0.23 -0.23	44.79 0.49 -0.10	42.74 0.50 -0.23	38.51 0.38 -0.08	35.10 0.52 -0.08	31.30 0.25 -0.01	27.78 0.17 0.00
FOX_HILLS___ESR 323835	27.97 1.36 -0.01	26.51 1.19 -0.01	23.93 1.10 0.00	23.85 0.96 0.00	23.93 0.94 0.00	24.78 0.98 0.00	25.21 1.09 0.00	25.36 1.18 0.00	26.17 1.27 0.01	26.12 1.13 0.01	27.45 1.58 0.01	29.06 1.70 0.01	30.59 1.81 0.01	33.27 2.21 0.01	34.56 2.56 0.00	38.52 2.62 0.00	43.48 3.18 0.02	48.30 3.38 1.38	47.23 3.05 0.02	44.64 2.65 0.02	40.85 2.82 0.02	36.87 2.38 0.01	33.11 2.08 0.01	29.32 1.71 0.01
FPL FAR_ROCK_GT1 24212	28.49 1.89 0.00	26.91 1.60 0.00	24.28 1.44 0.00	24.22 1.33 0.00	24.27 1.29 0.00	25.14 1.33 0.00	25.57 1.45 0.00	25.68 1.50 0.00	26.55 1.64 0.00	26.56 1.55 0.00	29.46 2.15 -1.43	32.36 2.33 -2.65	33.37 2.50 -2.08	34.80 2.98 -0.74	35.36 3.36 0.00	39.42 3.52 0.00	44.34 4.03 0.00	50.75 4.45 0.00	52.88 4.20 -4.48	45.50 3.48 0.00	41.32 3.27 0.00	38.47 3.24 -0.73	34.05 2.76 -0.24	32.89 2.32 -2.95



FPL FAR_ROCK_GT2 23815	28.49 1.89 0.00	26.91 1.60 0.00	24.28 1.44 0.00	24.22 1.33 0.00	24.27 1.29 0.00	25.14 1.33 0.00	25.57 1.45 0.00	25.68 1.50 0.00	26.55 1.64 0.00	26.56 1.55 0.00	29.46 2.15 -1.43	32.36 2.33 -2.65	33.37 2.50 -2.08	34.80 2.98 -0.74	35.36 3.36 0.00	39.42 3.52 0.00	44.34 4.03 0.00	50.75 4.45 0.00	52.88 4.20 -4.48	45.50 3.48 0.00	41.32 3.27 0.00	38.47 3.24 -0.73	34.05 2.76 -0.24	32.89 2.32 -2.95
FRANKLIN_FALL_HYD 24054	26.95 0.35 0.00	25.82 0.51 0.00	23.27 0.43 0.00	23.30 0.41 0.00	23.47 0.48 0.00	24.38 0.57 0.00	24.67 0.55 0.00	24.83 0.65 0.00	25.63 0.72 0.00	25.76 0.75 0.00	26.64 0.75 0.00	28.09 0.71 0.00	29.60 0.81 0.00	31.73 0.65 0.00	32.52 0.51 0.00	36.55 0.65 0.00	41.19 0.89 0.00	47.14 0.83 0.00	44.95 0.75 0.00	42.81 0.80 0.00	38.66 0.61 0.00	34.85 0.35 0.00	31.36 0.31 0.00	27.98 0.36 0.00
FREEPORT_EQUS_GT1 23764	28.33 1.73 0.00	26.73 1.42 0.00	24.11 1.28 0.00	24.08 1.19 0.00	24.14 1.15 0.00	24.97 1.17 0.00	25.45 1.33 0.00	25.53 1.35 0.00	26.40 1.49 0.00	26.41 1.40 0.00	29.28 1.97 -1.43	32.17 2.14 -2.65	33.14 2.27 -2.08	34.52 2.70 -0.74	35.08 3.07 0.00	39.06 3.16 0.00	43.94 3.63 0.00	50.33 4.03 0.00	52.48 3.80 -4.48	45.12 3.11 0.00	40.98 2.93 0.00	38.23 3.00 -0.73	33.80 2.51 -0.24	32.70 2.13 -2.95
FREEPORT___CT2 23818	28.33 1.73 0.00	26.73 1.42 0.00	24.11 1.28 0.00	24.08 1.19 0.00	24.14 1.15 0.00	24.97 1.17 0.00	25.45 1.33 0.00	25.53 1.35 0.00	26.40 1.49 0.00	26.41 1.40 0.00	29.28 1.97 -1.43	32.17 2.14 -2.65	33.14 2.27 -2.08	34.52 2.70 -0.74	35.08 3.07 0.00	39.06 3.16 0.00	43.94 3.63 0.00	50.33 4.03 0.00	52.48 3.80 -4.48	45.12 3.11 0.00	40.98 2.93 0.00	38.23 3.00 -0.73	33.80 2.51 -0.24	32.70 2.13 -2.95
FRESHKLS_33_KV_LOAD 356253	27.87 1.28 0.01	26.45 1.14 0.01	23.86 1.03 0.00	23.83 0.94 0.00	23.91 0.92 0.00	24.78 0.98 0.00	25.21 1.09 0.00	25.34 1.16 0.00	26.14 1.25 0.01	26.10 1.10 0.01	27.45 1.58 0.01	29.04 1.67 0.01	30.56 1.79 0.01	33.24 2.18 0.01	34.53 2.53 0.00	38.48 2.59 0.00	43.60 3.31 0.02	48.39 3.47 1.38	47.37 3.18 0.02	44.77 2.77 0.02	40.85 2.82 0.02	36.84 2.35 0.01	33.08 2.05 0.01	29.29 1.68 0.01
FULTON COGEN____ 23766	26.42 -0.19 0.00	25.14 -0.18 0.00	22.63 -0.21 0.00	22.68 -0.21 0.00	22.78 -0.21 0.00	23.57 -0.24 0.00	23.90 -0.22 0.00	23.94 -0.24 0.00	24.54 -0.37 0.00	24.79 -0.23 0.00	25.47 -0.41 0.00	27.00 -0.38 0.00	28.36 -0.43 0.00	30.70 -0.37 0.00	31.68 -0.32 0.00	35.62 -0.29 0.00	39.93 -0.40 -0.03	46.89 -0.37 -0.95	44.35 -0.27 -0.42	42.61 -0.34 -0.93	38.05 -0.34 -0.35	34.50 -0.31 -0.31	30.76 -0.31 -0.03	27.31 -0.30 0.00
FULTON___LFGE 323630	28.65 2.05 0.00	27.19 1.87 0.00	24.43 1.60 0.00	24.47 1.58 0.00	24.53 1.54 0.00	25.54 1.74 0.00	25.83 1.71 0.00	25.68 1.50 0.00	26.28 1.37 0.00	26.09 1.07 0.00	27.03 1.14 0.00	28.56 1.18 0.00	30.06 1.27 0.00	32.57 1.49 0.00	33.76 1.76 0.00	38.13 2.23 0.00	43.13 2.82 0.00	50.56 4.26 0.00	48.58 4.38 0.00	46.04 4.03 0.00	41.51 3.46 0.00	37.79 3.28 0.00	33.75 2.70 0.00	29.96 2.35 0.00
G.F.CEMENT___DRP 24184	28.04 1.44 0.00	26.63 1.32 0.00	23.98 1.14 0.00	23.99 1.10 0.00	24.04 1.06 0.00	25.02 1.21 0.00	25.33 1.21 0.00	25.34 1.16 0.00	26.13 1.22 0.00	26.04 1.03 0.00	26.90 1.01 0.00	28.36 0.99 0.00	29.92 1.12 0.00	32.13 1.06 0.00	33.32 1.31 0.00	37.41 1.51 0.00	42.44 2.14 0.00	49.31 3.01 0.00	47.38 3.18 0.00	44.99 2.98 0.00	40.56 2.51 0.00	36.89 2.38 0.00	32.97 1.92 0.00	29.33 1.71 0.00
GARDENVILLE___LBMP 24039	25.94 -0.67 0.00	24.51 -0.81 0.00	21.97 -0.87 0.00	21.93 -0.96 0.00	22.04 -0.94 0.00	22.85 -0.95 0.00	23.37 -0.75 0.00	23.50 -0.68 0.00	23.96 -0.95 0.00	24.81 -0.20 0.00	25.45 -0.44 0.00	27.32 -0.05 0.00	28.48 -0.32 0.00	30.95 -0.12 0.00	31.78 -0.22 0.00	36.05 0.14 0.00	39.39 -0.89 0.03	43.18 -1.99 1.14	42.03 -0.27 0.49	39.01 -0.34 1.11	35.47 -0.34 0.41	32.17 -0.31 0.37	29.59 -1.43 0.03	26.76 -0.86 0.00
GARDNVLA_35_KV_LD 355827	26.04 -0.56 0.00	24.61 -0.71 0.00	22.06 -0.78 0.00	22.02 -0.87 0.00	22.14 -0.85 0.00	22.95 -0.86 0.00	23.47 -0.65 0.00	23.62 -0.56 0.00	24.09 -0.82 0.00	24.96 -0.05 0.00	25.58 -0.31 0.00	27.46 0.08 0.00	28.65 -0.14 0.00	31.14 0.06 0.00	31.98 -0.03 0.00	36.27 0.36 0.00	39.59 -0.69 0.03	43.32 -1.85 1.13	42.16 -1.55 0.49	39.14 -1.76 1.11	35.58 -2.05 0.41	32.28 -1.86 0.37	29.71 -1.30 0.03	26.87 -0.75 0.00
GELCKHM___115KV_LOAD 80723	26.50 -0.11 0.00	25.19 -0.13 0.00	22.68 -0.16 0.00	22.73 -0.16 0.00	22.85 -0.14 0.00	23.64 -0.17 0.00	23.98 -0.14 0.00	24.01 -0.17 0.00	24.61 -0.30 0.00	24.86 -0.15 0.00	25.58 -0.31 0.00	27.11 -0.27 0.00	28.51 -0.29 0.00	30.86 -0.22 0.00	31.81 -0.19 0.00	35.76 -0.14 0.00	40.05 -0.24 0.01	45.60 -0.23 0.48	43.82 -0.18 0.21	41.34 -0.21 0.47	37.65 -0.23 0.17	34.11 -0.24 0.15	30.79 -0.25 0.01	27.40 -0.22 0.00
GENERAL___MILLS 23808	25.99 -0.61 0.00	24.56 -0.76 0.00	22.01 -0.82 0.00	22.00 -0.89 0.00	22.09 -0.90 0.00	22.92 -0.88 0.00	23.42 -0.70 0.00	23.60 -0.58 0.00	24.06 -0.85 0.00	24.91 -0.10 0.00	25.56 -0.34 0.00	27.43 0.05 0.00	28.59 -0.20 0.00	31.08 0.00 0.00	31.91 -0.10 0.00	36.19 0.29 0.00	39.51 -0.77 0.03	43.27 -1.90 1.13	42.07 -1.64 0.49	39.05 -1.85 1.11	35.50 -2.13 0.41	32.21 -1.93 0.37	29.65 -1.37 0.03	26.84 -0.77 0.00
GE_PLASTICS___DRP 24183	27.06 0.45 0.00	25.70 0.38 0.00	23.38 0.55 0.00	23.41 0.53 0.00	23.49 0.51 0.00	24.35 0.55 0.00	24.65 0.53 0.00	24.73 0.56 0.00	25.41 0.50 0.00	25.21 0.20 0.00	26.22 0.34 0.00	27.63 0.25 0.00	29.08 0.29 0.00	31.48 0.40 0.00	32.58 0.58 0.00	36.55 0.65 0.00	41.15 0.85 0.00	47.37 1.06 0.00	45.22 1.02 0.00	43.06 1.05 0.00	38.96 0.91 0.00	35.37 0.86 0.00	31.70 0.65 0.00	28.20 0.58 0.00
GILBOA___1 23756	27.08 0.48 0.00	25.72 0.40 0.00	23.22 0.39 0.00	23.35 0.46 0.00	23.42 0.44 0.00	24.26 0.45 0.00	24.50 0.38 0.00	24.61 0.44 0.00	25.31 0.40 0.00	25.31 0.30 0.00	26.35 0.47 0.00	27.84 0.46 0.00	29.28 0.49 0.00	31.73 0.65 0.00	32.84 0.83 0.00	36.80 0.90 0.00	41.32 1.01 0.00	47.32 1.02 0.00	45.13 0.93 0.00	42.98 0.97 0.00	39.03 0.99 0.00	35.40 0.90 0.00	31.76 0.71 0.00	28.25 0.64 0.00
GILBOA___2 23757	27.08 0.48 0.00	25.72 0.40 0.00	23.22 0.39 0.00	23.35 0.46 0.00	23.42 0.44 0.00	24.26 0.45 0.00	24.50 0.38 0.00	24.61 0.44 0.00	25.31 0.40 0.00	25.31 0.30 0.00	26.35 0.47 0.00	27.84 0.46 0.00	29.28 0.49 0.00	31.73 0.65 0.00	32.84 0.83 0.00	36.80 0.90 0.00	41.32 1.01 0.00	47.32 1.02 0.00	45.13 0.93 0.00	42.98 0.97 0.00	39.03 0.99 0.00	35.40 0.90 0.00	31.76 0.71 0.00	28.25 0.64 0.00



GILBOA___3 23758	27.08 0.48 0.00	25.72 0.40 0.00	23.22 0.39 0.00	23.35 0.46 0.00	23.42 0.44 0.00	24.26 0.45 0.00	24.50 0.38 0.00	24.61 0.44 0.00	25.31 0.40 0.00	25.31 0.30 0.00	26.35 0.47 0.00	27.84 0.46 0.00	29.28 0.49 0.00	31.73 0.65 0.00	32.84 0.83 0.00	36.80 0.90 0.00	41.32 1.01 0.00	47.32 1.02 0.00	45.13 0.93 0.00	42.98 0.97 0.00	39.03 0.99 0.00	35.40 0.90 0.00	31.76 0.71 0.00	28.25 0.64 0.00
GILBOA___4 23759	27.08 0.48 0.00	25.72 0.40 0.00	23.22 0.39 0.00	23.35 0.46 0.00	23.42 0.44 0.00	24.26 0.45 0.00	24.50 0.38 0.00	24.61 0.44 0.00	25.31 0.40 0.00	25.31 0.30 0.00	26.35 0.47 0.00	27.84 0.46 0.00	29.28 0.49 0.00	31.73 0.65 0.00	32.84 0.83 0.00	36.80 0.90 0.00	41.32 1.01 0.00	47.32 1.02 0.00	45.13 0.93 0.00	42.98 0.97 0.00	39.03 0.99 0.00	35.40 0.90 0.00	31.76 0.71 0.00	28.25 0.64 0.00
GILBOA___ 23599	27.08 0.48 0.00	25.72 0.41 0.00	23.22 0.39 0.00	23.35 0.46 0.00	23.42 0.44 0.00	24.28 0.48 0.00	24.51 0.39 0.00	24.61 0.44 0.00	25.31 0.40 0.00	25.31 0.30 0.00	26.35 0.47 0.00	27.84 0.47 0.00	29.31 0.52 0.00	31.73 0.65 0.00	32.87 0.86 0.00	36.80 0.90 0.00	41.32 1.01 0.00	47.32 1.02 0.00	45.13 0.93 0.00	42.98 0.97 0.00	38.96 0.91 0.00	35.40 0.90 0.00	31.79 0.75 0.00	28.25 0.64 0.00
GINNA___ 23603	25.09 -1.52 0.00	23.87 -1.44 0.00	21.37 -1.46 0.00	21.36 -1.53 0.00	21.45 -1.54 0.00	22.28 -1.52 0.00	22.62 -1.50 0.00	22.53 -1.64 0.00	23.04 -1.87 0.00	23.61 -1.40 0.00	24.21 -1.68 0.00	25.85 -1.53 0.00	27.18 -1.61 0.00	29.43 -1.65 0.00	30.31 -1.70 0.00	34.25 -1.65 0.00	38.26 -2.01 0.04	42.73 -2.27 1.31	41.64 -1.99 0.57	38.67 -2.06 1.28	35.36 -2.21 0.48	32.12 -1.97 0.42	29.06 -1.96 0.04	26.01 -1.60 0.00
GLEN PARK___ 23778	27.11 0.50 0.00	25.77 0.46 0.00	23.16 0.32 0.00	23.19 0.30 0.00	23.26 0.28 0.00	24.09 0.29 0.00	24.48 0.36 0.00	24.64 0.46 0.00	25.13 0.22 0.00	25.29 0.28 0.00	25.91 0.03 0.00	27.35 -0.03 0.00	28.71 -0.09 0.00	31.01 -0.06 0.00	32.01 0.00 0.00	36.08 0.18 0.00	40.68 0.36 -0.01	47.16 0.60 -0.25	45.19 0.88 -0.11	43.18 0.92 -0.25	38.82 0.69 -0.09	35.41 0.83 -0.08	31.64 0.59 -0.01	28.00 0.39 0.00
GLENDALE_27_KV_LOAD 356172	27.99 1.38 0.00	26.53 1.22 0.00	23.95 1.12 0.00	23.92 1.03 0.00	24.02 1.03 0.00	24.83 1.02 0.00	25.25 1.13 0.00	25.46 1.28 0.00	26.25 1.35 0.00	26.24 1.23 0.00	27.57 1.68 0.00	29.19 1.81 0.00	30.75 1.96 0.00	33.44 2.36 0.00	34.76 2.75 0.00	38.74 2.84 0.00	43.53 3.22 0.00	49.68 3.38 0.00	47.25 3.05 0.00	44.66 2.65 0.00	40.98 2.93 0.00	37.06 2.55 0.00	33.28 2.24 0.00	29.41 1.80 0.00
GLENWOOD_IC_1_G5 23712	28.28 1.68 0.00	26.71 1.39 0.00	24.07 1.23 0.00	24.06 1.17 0.00	24.11 1.13 0.00	24.97 1.17 0.00	25.42 1.30 0.00	25.51 1.33 0.00	26.38 1.47 0.00	26.39 1.38 0.00	29.25 1.94 -1.42	32.13 2.11 -2.65	33.14 2.27 -2.07	34.51 2.70 -0.73	35.08 3.07 0.00	39.13 3.23 0.00	43.73 3.43 0.00	50.01 3.70 0.00	52.08 3.40 -4.47	44.78 2.77 0.00	41.09 3.04 0.00	38.19 2.97 -0.72	33.80 2.51 -0.23	32.63 2.07 -2.94
GLENWOOD_IC_2_G1 23688	28.20 1.60 0.00	26.63 1.32 0.00	24.02 1.19 0.00	23.99 1.10 0.00	24.04 1.06 0.00	24.90 1.10 0.00	25.35 1.23 0.00	25.46 1.28 0.00	26.30 1.39 0.00	26.31 1.30 0.00	29.15 1.84 -1.43	32.03 2.00 -2.65	33.00 2.13 -2.08	34.36 2.55 -0.74	34.92 2.91 0.00	38.88 2.98 0.00	43.65 3.34 0.00	50.01 3.71 0.00	52.17 3.49 -4.48	44.87 2.86 0.00	40.86 2.82 0.00	38.06 2.83 -0.73	33.65 2.36 -0.24	32.56 1.99 -2.95
GLENWOOD_IC_3_G1 23689	28.20 1.60 0.00	26.63 1.32 0.00	24.02 1.19 0.00	23.99 1.10 0.00	24.04 1.06 0.00	24.90 1.10 0.00	25.35 1.23 0.00	25.46 1.28 0.00	26.30 1.39 0.00	26.31 1.30 0.00	29.15 1.84 -1.43	32.03 2.00 -2.65	33.00 2.13 -2.08	34.36 2.55 -0.74	34.92 2.91 0.00	38.88 2.98 0.00	43.65 3.34 0.00	50.01 3.71 0.00	52.17 3.49 -4.48	44.87 2.86 0.00	40.86 2.82 0.00	38.06 2.83 -0.73	33.65 2.36 -0.24	32.56 1.99 -2.95
GLENWOOD___4 23550	28.28 1.68 0.00	26.71 1.39 0.00	24.07 1.23 0.00	24.06 1.17 0.00	24.11 1.13 0.00	24.97 1.17 0.00	25.42 1.30 0.00	25.51 1.33 0.00	26.38 1.47 0.00	26.39 1.38 0.00	29.25 1.94 -1.42	32.13 2.11 -2.65	33.14 2.27 -2.07	34.51 2.70 -0.73	35.08 3.07 0.00	39.13 3.23 0.00	43.81 3.51 0.00	50.15 3.84 0.00	52.21 3.54 -4.47	44.87 2.86 0.00	41.09 3.04 0.00	38.19 2.97 -0.72	33.80 2.51 -0.23	32.63 2.07 -2.94
GLENWOOD___5 23614	28.28 1.68 0.00	26.71 1.39 0.00	24.07 1.23 0.00	24.06 1.17 0.00	24.11 1.13 0.00	24.97 1.17 0.00	25.42 1.30 0.00	25.51 1.33 0.00	26.38 1.47 0.00	26.39 1.38 0.00	29.25 1.94 -1.42	32.13 2.11 -2.65	33.14 2.27 -2.07	34.51 2.70 -0.73	35.08 3.07 0.00	39.13 3.23 0.00	43.81 3.51 0.00	50.15 3.84 0.00	52.21 3.54 -4.47	44.87 2.86 0.00	41.09 3.04 0.00	38.19 2.97 -0.72	33.80 2.51 -0.23	32.63 2.07 -2.94
GLOBAL GREEN_PORT_GT1 23814	28.94 2.34 0.00	27.29 1.98 0.00	24.62 1.78 0.00	24.54 1.65 0.00	24.60 1.61 0.00	25.49 1.69 0.00	26.17 2.05 0.00	26.04 1.86 0.00	26.95 2.04 0.00	26.94 1.93 0.00	29.90 2.59 -1.43	32.77 2.74 -2.65	33.89 3.02 -2.08	35.57 3.76 -0.74	36.32 4.32 0.00	40.75 4.84 0.00	46.07 5.76 0.00	53.01 6.71 0.00	55.09 6.41 -4.48	47.05 5.04 0.00	42.27 4.22 0.00	39.37 4.14 -0.73	34.46 3.17 -0.24	33.14 2.57 -2.95
GLOBE___DSASP 323697	25.09 -1.52 0.00	23.75 -1.57 0.00	21.28 -1.55 0.00	21.24 -1.65 0.00	21.35 -1.63 0.00	22.14 -1.67 0.00	22.62 -1.50 0.00	22.46 -1.72 0.00	22.89 -2.02 0.00	23.76 -1.25 0.00	24.28 -1.61 0.00	26.09 -1.29 0.00	27.21 -1.58 0.00	29.52 -1.55 0.00	30.30 -1.70 0.00	34.39 -1.51 0.00	37.78 -2.50 0.03	41.62 -3.47 1.21	40.67 -3.01 0.53	37.72 -3.11 1.18	34.41 -3.20 0.44	31.22 -2.90 0.39	28.47 -2.55 0.03	25.82 -1.80 0.00
GOETHSLN___LBMP 323567	27.72 1.12 0.00	26.28 0.96 0.00	23.73 0.89 0.00	23.71 0.82 0.00	23.81 0.83 0.00	24.59 0.79 0.00	25.04 0.92 0.00	25.27 1.09 0.00	26.03 1.12 0.00	26.03 1.03 0.00	27.33 1.45 0.00	28.91 1.53 0.00	30.46 1.67 0.00	33.12 2.05 0.00	34.44 2.43 0.00	38.42 2.51 0.00	43.00 2.70 0.00	47.80 2.87 1.38	46.76 2.56 0.00	44.23 2.23 0.00	40.55 2.51 0.00	36.74 2.24 0.00	32.97 1.92 0.00	29.13 1.52 0.00
GOLAH___69_KV_TB 1_2 80279	26.18 -0.43 0.00	24.91 -0.41 0.00	22.33 -0.50 0.00	22.29 -0.60 0.00	22.39 -0.60 0.00	23.19 -0.62 0.00	23.59 -0.53 0.00	23.45 -0.73 0.00	23.96 -0.95 0.00	24.64 -0.38 0.00	25.22 -0.67 0.00	26.94 -0.44 0.00	28.25 -0.55 0.00	30.67 -0.40 0.00	31.52 -0.48 0.00	35.65 -0.25 0.00	39.67 -0.60 0.04	44.20 -0.79 1.32	43.14 -0.49 0.57	40.05 -0.67 1.29	36.66 -0.91 0.48	33.18 -0.90 0.43	30.08 -0.93 0.04	27.06 -0.55 0.00



GOODYEAR_LAKE_HYD 323669	27.72 1.12 0.00	26.30 0.99 0.00	23.64 0.80 0.00	23.71 0.82 0.00	23.79 0.80 0.00	24.69 0.88 0.00	25.01 0.89 0.00	25.14 0.97 0.00	25.76 0.85 0.00	25.91 0.90 0.00	26.85 0.96 0.00	28.39 1.01 0.00	29.77 0.98 0.00	32.32 1.24 0.00	33.48 1.47 0.00	37.59 1.69 0.00	42.16 1.85 0.00	48.57 2.27 0.00	46.45 2.25 0.00	44.15 2.14 0.00	39.95 1.90 0.00	36.33 1.83 0.00	32.51 1.46 0.00	28.89 1.27 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	26.76 0.16 0.00	25.39 0.08 0.00	22.84 0.00 0.00	22.87 -0.02 0.00	22.99 0.00 0.00	23.80 0.00 0.00	24.17 0.05 0.00	24.35 0.17 0.00	24.93 0.02 0.00	25.26 0.25 0.00	26.07 0.18 0.00	27.68 0.30 0.00	29.02 0.23 0.00	31.45 0.37 0.00	32.49 0.48 0.00	36.55 0.65 0.00	40.74 0.44 0.01	46.21 0.28 0.37	44.35 0.31 0.16	41.86 0.21 0.36	37.99 0.08 0.13	34.46 0.07 0.12	31.16 0.12 0.01	27.78 0.17 0.00
GOUDEY___7 23579	26.76 0.16 0.00	25.39 0.08 0.00	22.84 0.00 0.00	22.87 -0.02 0.00	22.99 0.00 0.00	23.80 0.00 0.00	24.17 0.05 0.00	24.35 0.17 0.00	24.93 0.02 0.00	25.26 0.25 0.00	26.07 0.18 0.00	27.68 0.30 0.00	29.02 0.23 0.00	31.45 0.37 0.00	32.49 0.48 0.00	36.55 0.65 0.00	40.74 0.44 0.01	46.21 0.28 0.37	44.35 0.31 0.16	41.86 0.21 0.36	37.99 0.08 0.13	34.46 0.07 0.12	31.16 0.12 0.01	27.78 0.17 0.00
GOUDEY___8 23580	26.76 0.16 0.00	25.39 0.08 0.00	22.84 0.00 0.00	22.87 -0.02 0.00	22.99 0.00 0.00	23.80 0.00 0.00	24.17 0.05 0.00	24.35 0.17 0.00	24.93 0.02 0.00	25.26 0.25 0.00	26.07 0.18 0.00	27.68 0.30 0.00	29.02 0.23 0.00	31.45 0.37 0.00	32.49 0.48 0.00	36.55 0.65 0.00	40.74 0.44 0.01	46.21 0.28 0.37	44.35 0.31 0.16	41.86 0.21 0.36	37.99 0.08 0.13	34.46 0.07 0.12	31.16 0.12 0.01	27.78 0.17 0.00
GOWANUS_GT1_1 24077	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.03 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.31 0.00	26.28 1.37 0.00	26.26 1.25 0.00	27.60 1.71 0.00	29.21 1.83 0.00	30.75 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.75 2.84 -0.01	43.53 3.22 0.00	49.68 3.38 0.00	47.25 3.05 0.00	44.66 2.65 0.00	41.01 2.97 0.00	37.06 2.55 0.00	33.28 2.24 0.00	29.47 1.85 0.00
GOWANUS_GT1_2 24078	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.03 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.31 0.00	26.28 1.37 0.00	26.26 1.25 0.00	27.60 1.71 0.00	29.21 1.83 0.00	30.75 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.75 2.84 -0.01	43.53 3.22 0.00	49.68 3.38 0.00	47.25 3.05 0.00	44.66 2.65 0.00	41.01 2.97 0.00	37.06 2.55 0.00	33.28 2.24 0.00	29.47 1.85 0.00
GOWANUS_GT1_3 24079	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.03 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.31 0.00	26.28 1.37 0.00	26.26 1.25 0.00	27.60 1.71 0.00	29.21 1.83 0.00	30.75 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.75 2.84 -0.01	43.53 3.22 0.00	49.68 3.38 0.00	47.25 3.05 0.00	44.66 2.65 0.00	41.01 2.97 0.00	37.06 2.55 0.00	33.28 2.24 0.00	29.47 1.85 0.00
GOWANUS_GT1_4 24080	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.03 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.31 0.00	26.28 1.37 0.00	26.26 1.25 0.00	27.60 1.71 0.00	29.21 1.83 0.00	30.75 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.75 2.84 -0.01	43.53 3.22 0.00	49.68 3.38 0.00	47.25 3.05 0.00	44.66 2.65 0.00	41.01 2.97 0.00	37.06 2.55 0.00	33.28 2.24 0.00	29.47 1.85 0.00
GOWANUS_GT1_5 24084	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.03 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.31 0.00	26.28 1.37 0.00	26.26 1.25 0.00	27.60 1.71 0.00	29.21 1.83 0.00	30.75 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.75 2.84 -0.01	43.53 3.22 0.00	49.68 3.38 0.00	47.25 3.05 0.00	44.66 2.65 0.00	41.01 2.97 0.00	37.06 2.55 0.00	33.28 2.24 0.00	29.47 1.85 0.00
GOWANUS_GT1_6 24111	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.03 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.31 0.00	26.28 1.37 0.00	26.26 1.25 0.00	27.60 1.71 0.00	29.21 1.83 0.00	30.75 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.75 2.84 -0.01	43.53 3.22 0.00	49.68 3.38 0.00	47.25 3.05 0.00	44.66 2.65 0.00	41.01 2.97 0.00	37.06 2.55 0.00	33.28 2.24 0.00	29.47 1.85 0.00
GOWANUS_GT1_7 24112	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.03 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.31 0.00	26.28 1.37 0.00	26.26 1.25 0.00	27.60 1.71 0.00	29.21 1.83 0.00	30.75 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.75 2.84 -0.01	43.53 3.22 0.00	49.68 3.38 0.00	47.25 3.05 0.00	44.66 2.65 0.00	41.01 2.97 0.00	37.06 2.55 0.00	33.28 2.24 0.00	29.47 1.85 0.00
GOWANUS_GT1_8 24113	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.03 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.31 0.00	26.28 1.37 0.00	26.26 1.25 0.00	27.60 1.71 0.00	29.21 1.83 0.00	30.75 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.75 2.84 -0.01	43.53 3.22 0.00	49.68 3.38 0.00	47.25 3.05 0.00	44.66 2.65 0.00	41.01 2.97 0.00	37.06 2.55 0.00	33.28 2.24 0.00	29.47 1.85 0.00
GOWANUS_GT2_1 24114	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.04 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.30 0.00	26.28 1.37 0.00	26.29 1.27 0.00	27.60 1.71 0.00	29.22 1.83 0.00	30.76 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.71 2.80 -0.01	43.49 3.18 0.00	49.68 3.38 0.00	47.30 3.09 0.00	44.66 2.65 0.00	40.98 2.93 0.00	37.06 2.55 0.00	33.26 2.20 0.00	29.47 1.85 0.00
GOWANUS_GT2_2 24115	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.04 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.30 0.00	26.28 1.37 0.00	26.29 1.27 0.00	27.60 1.71 0.00	29.22 1.83 0.00	30.76 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.71 2.80 -0.01	43.49 3.18 0.00	49.68 3.38 0.00	47.30 3.09 0.00	44.66 2.65 0.00	40.98 2.93 0.00	37.06 2.55 0.00	33.26 2.20 0.00	29.47 1.85 0.00
GOWANUS_GT2_3 24116	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.04 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.30 0.00	26.28 1.37 0.00	26.29 1.27 0.00	27.60 1.71 0.00	29.22 1.83 0.00	30.76 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.71 2.80 -0.01	43.49 3.18 0.00	49.68 3.38 0.00	47.30 3.09 0.00	44.66 2.65 0.00	40.98 2.93 0.00	37.06 2.55 0.00	33.26 2.20 0.00	29.47 1.85 0.00



GOWANUS_GT2_4 24117	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.04 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.30 0.00	26.28 1.37 0.00	26.29 1.27 0.00	27.60 1.71 0.00	29.22 1.83 0.00	30.76 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.71 2.80 -0.01	43.49 3.18 0.00	49.68 3.38 0.00	47.30 3.09 0.00	44.66 2.65 0.00	40.98 2.93 0.00	37.06 2.55 0.00	33.26 2.20 0.00	29.47 1.85 0.00
GOWANUS_GT2_5 24118	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.04 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.30 0.00	26.28 1.37 0.00	26.29 1.27 0.00	27.60 1.71 0.00	29.22 1.83 0.00	30.76 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.71 2.80 -0.01	43.49 3.18 0.00	49.68 3.38 0.00	47.30 3.09 0.00	44.66 2.65 0.00	40.98 2.93 0.00	37.06 2.55 0.00	33.26 2.20 0.00	29.47 1.85 0.00
GOWANUS_GT2_6 24119	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.04 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.30 0.00	26.28 1.37 0.00	26.29 1.27 0.00	27.60 1.71 0.00	29.22 1.83 0.00	30.76 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.71 2.80 -0.01	43.49 3.18 0.00	49.68 3.38 0.00	47.30 3.09 0.00	44.66 2.65 0.00	40.98 2.93 0.00	37.06 2.55 0.00	33.26 2.20 0.00	29.47 1.85 0.00
GOWANUS_GT2_7 24120	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.04 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.30 0.00	26.28 1.37 0.00	26.29 1.27 0.00	27.60 1.71 0.00	29.22 1.83 0.00	30.76 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.71 2.80 -0.01	43.49 3.18 0.00	49.68 3.38 0.00	47.30 3.09 0.00	44.66 2.65 0.00	40.98 2.93 0.00	37.06 2.55 0.00	33.26 2.20 0.00	29.47 1.85 0.00
GOWANUS_GT2_8 24121	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.04 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.30 0.00	26.28 1.37 0.00	26.29 1.27 0.00	27.60 1.71 0.00	29.22 1.83 0.00	30.76 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.71 2.80 -0.01	43.49 3.18 0.00	49.68 3.38 0.00	47.30 3.09 0.00	44.66 2.65 0.00	40.98 2.93 0.00	37.06 2.55 0.00	33.26 2.20 0.00	29.47 1.85 0.00
GOWANUS_GT3_1 24122	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.04 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.30 0.00	26.28 1.37 0.00	26.29 1.27 0.00	27.60 1.71 0.00	29.22 1.83 0.00	30.76 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.71 2.80 -0.01	43.49 3.18 0.00	49.68 3.38 0.00	47.30 3.09 0.00	44.66 2.65 0.00	40.98 2.93 0.00	37.06 2.55 0.00	33.26 2.20 0.00	29.47 1.85 0.00
GOWANUS_GT3_2 24123	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.04 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.30 0.00	26.28 1.37 0.00	26.29 1.27 0.00	27.60 1.71 0.00	29.22 1.83 0.00	30.76 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.71 2.80 -0.01	43.49 3.18 0.00	49.68 3.38 0.00	47.30 3.09 0.00	44.66 2.65 0.00	40.98 2.93 0.00	37.06 2.55 0.00	33.26 2.20 0.00	29.47 1.85 0.00
GOWANUS_GT3_3 24124	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.04 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.30 0.00	26.28 1.37 0.00	26.29 1.27 0.00	27.60 1.71 0.00	29.22 1.83 0.00	30.76 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.71 2.80 -0.01	43.49 3.18 0.00	49.68 3.38 0.00	47.30 3.09 0.00	44.66 2.65 0.00	40.98 2.93 0.00	37.06 2.55 0.00	33.26 2.20 0.00	29.47 1.85 0.00
GOWANUS_GT3_4 24125	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.04 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.30 0.00	26.28 1.37 0.00	26.29 1.27 0.00	27.60 1.71 0.00	29.22 1.83 0.00	30.76 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.71 2.80 -0.01	43.49 3.18 0.00	49.68 3.38 0.00	47.30 3.09 0.00	44.66 2.65 0.00	40.98 2.93 0.00	37.06 2.55 0.00	33.26 2.20 0.00	29.47 1.85 0.00
GOWANUS_GT3_5 24126	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.04 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.30 0.00	26.28 1.37 0.00	26.29 1.27 0.00	27.60 1.71 0.00	29.22 1.83 0.00	30.76 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.71 2.80 -0.01	43.49 3.18 0.00	49.68 3.38 0.00	47.30 3.09 0.00	44.66 2.65 0.00	40.98 2.93 0.00	37.06 2.55 0.00	33.26 2.20 0.00	29.47 1.85 0.00
GOWANUS_GT3_6 24127	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.04 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.30 0.00	26.28 1.37 0.00	26.29 1.27 0.00	27.60 1.71 0.00	29.22 1.83 0.00	30.76 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.71 2.80 -0.01	43.49 3.18 0.00	49.68 3.38 0.00	47.30 3.09 0.00	44.66 2.65 0.00	40.98 2.93 0.00	37.06 2.55 0.00	33.26 2.20 0.00	29.47 1.85 0.00
GOWANUS_GT3_7 24128	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.04 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.30 0.00	26.28 1.37 0.00	26.29 1.27 0.00	27.60 1.71 0.00	29.22 1.83 0.00	30.76 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.71 2.80 -0.01	43.49 3.18 0.00	49.68 3.38 0.00	47.30 3.09 0.00	44.66 2.65 0.00	40.98 2.93 0.00	37.06 2.55 0.00	33.26 2.20 0.00	29.47 1.85 0.00
GOWANUS_GT3_8 24129	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.04 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.30 0.00	26.28 1.37 0.00	26.29 1.27 0.00	27.60 1.71 0.00	29.22 1.83 0.00	30.76 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.71 2.80 -0.01	43.49 3.18 0.00	49.68 3.38 0.00	47.30 3.09 0.00	44.66 2.65 0.00	40.98 2.93 0.00	37.06 2.55 0.00	33.26 2.20 0.00	29.47 1.85 0.00
GOWANUS_GT4_1 24130	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.03 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.31 0.00	26.28 1.37 0.00	26.26 1.25 0.00	27.60 1.71 0.00	29.21 1.83 0.00	30.75 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.75 2.84 -0.01	43.53 3.22 0.00	49.68 3.38 0.00	47.25 3.05 0.00	44.66 2.65 0.00	41.01 2.97 0.00	37.06 2.55 0.00	33.28 2.24 0.00	29.47 1.85 0.00
GOWANUS_GT4_2 24131	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.03 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.31 0.00	26.28 1.37 0.00	26.26 1.25 0.00	27.60 1.71 0.00	29.21 1.83 0.00	30.75 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.75 2.84 -0.01	43.53 3.22 0.00	49.68 3.38 0.00	47.25 3.05 0.00	44.66 2.65 0.00	41.01 2.97 0.00	37.06 2.55 0.00	33.28 2.24 0.00	29.47 1.85 0.00



GOWANUS_GT4_3 24132	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.03 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.31 0.00	26.28 1.37 0.00	26.26 1.25 0.00	27.60 1.71 0.00	29.21 1.83 0.00	30.75 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.75 2.84 -0.01	43.53 3.22 0.00	49.68 3.38 0.00	47.25 3.05 0.00	44.66 2.65 0.00	41.01 2.97 0.00	37.06 2.55 0.00	33.28 2.24 0.00	29.47 1.85 0.00
GOWANUS_GT4_4 24133	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.03 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.31 0.00	26.28 1.37 0.00	26.26 1.25 0.00	27.60 1.71 0.00	29.21 1.83 0.00	30.75 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.75 2.84 -0.01	43.53 3.22 0.00	49.68 3.38 0.00	47.25 3.05 0.00	44.66 2.65 0.00	41.01 2.97 0.00	37.06 2.55 0.00	33.28 2.24 0.00	29.47 1.85 0.00
GOWANUS_GT4_5 24134	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.03 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.31 0.00	26.28 1.37 0.00	26.26 1.25 0.00	27.60 1.71 0.00	29.21 1.83 0.00	30.75 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.75 2.84 -0.01	43.53 3.22 0.00	49.68 3.38 0.00	47.25 3.05 0.00	44.66 2.65 0.00	41.01 2.97 0.00	37.06 2.55 0.00	33.28 2.24 0.00	29.47 1.85 0.00
GOWANUS_GT4_6 24135	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.03 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.31 0.00	26.28 1.37 0.00	26.26 1.25 0.00	27.60 1.71 0.00	29.21 1.83 0.00	30.75 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.75 2.84 -0.01	43.53 3.22 0.00	49.68 3.38 0.00	47.25 3.05 0.00	44.66 2.65 0.00	41.01 2.97 0.00	37.06 2.55 0.00	33.28 2.24 0.00	29.47 1.85 0.00
GOWANUS_GT4_7 24136	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.03 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.31 0.00	26.28 1.37 0.00	26.26 1.25 0.00	27.60 1.71 0.00	29.21 1.83 0.00	30.75 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.75 2.84 -0.01	43.53 3.22 0.00	49.68 3.38 0.00	47.25 3.05 0.00	44.66 2.65 0.00	41.01 2.97 0.00	37.06 2.55 0.00	33.28 2.24 0.00	29.47 1.85 0.00
GOWANUS_GT4_8 24137	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.03 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.31 0.00	26.28 1.37 0.00	26.26 1.25 0.00	27.60 1.71 0.00	29.21 1.83 0.00	30.75 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.75 2.84 -0.01	43.53 3.22 0.00	49.68 3.38 0.00	47.25 3.05 0.00	44.66 2.65 0.00	41.01 2.97 0.00	37.06 2.55 0.00	33.28 2.24 0.00	29.47 1.85 0.00
GREENBSH_115KV_TB3 55895	26.95 0.35 0.00	25.62 0.30 0.00	23.34 0.50 0.00	23.37 0.48 0.00	23.47 0.48 0.00	24.33 0.52 0.00	24.63 0.51 0.00	24.71 0.53 0.00	25.38 0.47 0.00	25.16 0.15 0.00	26.17 0.28 0.00	27.54 0.16 0.00	28.99 0.20 0.00	31.39 0.31 0.00	32.49 0.48 0.00	36.44 0.54 0.00	40.99 0.69 0.00	47.23 0.93 0.00	45.04 0.84 0.00	42.89 0.88 0.00	38.85 0.80 0.00	35.26 0.76 0.00	31.61 0.56 0.00	28.09 0.47 0.00
GREENIDGE_115KV_TB5 80291	26.82 0.21 0.00	25.39 0.08 0.00	22.77 -0.07 0.00	22.77 -0.11 0.00	22.89 -0.09 0.00	23.73 -0.07 0.00	24.14 0.02 0.00	24.32 0.15 0.00	24.83 -0.07 0.00	25.36 0.35 0.00	26.02 0.13 0.00	27.71 0.33 0.00	29.02 0.23 0.00	31.48 0.40 0.00	32.52 0.51 0.00	36.41 0.50 0.00	40.49 0.20 0.02	45.77 0.19 0.72	44.24 0.35 0.31	41.43 0.13 0.70	37.63 -0.15 0.26	34.38 0.10 0.23	31.18 0.16 0.02	27.81 0.19 0.00
GREENIDGE___3 23582	26.82 0.21 0.00	25.39 0.08 0.00	22.77 -0.07 0.00	22.77 -0.11 0.00	22.89 -0.09 0.00	23.73 -0.07 0.00	24.14 0.02 0.00	24.32 0.15 0.00	24.83 -0.07 0.00	25.36 0.35 0.00	26.02 0.13 0.00	27.71 0.33 0.00	29.02 0.23 0.00	31.48 0.40 0.00	32.52 0.51 0.00	36.41 0.50 0.00	40.49 0.20 0.02	45.77 0.19 0.72	44.24 0.35 0.31	41.43 0.13 0.70	37.63 -0.15 0.26	34.38 0.10 0.23	31.18 0.16 0.02	27.81 0.19 0.00
GREENIDGE___4 23583	26.81 0.21 0.00	25.39 0.08 0.00	22.77 -0.07 0.00	22.77 -0.11 0.00	22.90 -0.09 0.00	23.76 -0.05 0.00	24.14 0.02 0.00	24.32 0.15 0.00	24.84 -0.07 0.00	25.34 0.32 0.00	26.02 0.13 0.00	27.71 0.33 0.00	29.02 0.23 0.00	31.48 0.40 0.00	32.52 0.51 0.00	36.41 0.50 0.00	40.57 0.28 0.02	45.82 0.23 0.72	44.33 0.44 0.31	41.43 0.13 0.70	37.56 -0.23 0.26	34.38 0.10 0.23	31.22 0.19 0.02	27.81 0.19 0.00
GREENLWN_69_KV_BK 3 55738	28.15 1.54 0.00	26.58 1.27 0.00	23.95 1.12 0.00	23.94 1.05 0.00	24.00 1.01 0.00	24.85 1.05 0.00	25.33 1.21 0.00	25.41 1.23 0.00	26.25 1.35 0.00	26.26 1.25 0.00	29.12 1.81 -1.42	31.97 1.94 -2.65	32.85 1.99 -2.07	34.11 2.30 -0.73	34.60 2.59 0.00	38.60 2.69 0.00	43.49 3.18 0.00	49.77 3.47 0.00	51.81 3.14 -4.47	44.53 2.52 0.00	40.52 2.47 0.00	37.98 2.76 -0.72	33.77 2.48 -0.23	32.61 2.04 -2.94
GREENWD_138_KV_38B11_REV_LBMP_J 345004	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.03 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.31 0.00	26.28 1.37 0.00	26.26 1.25 0.00	27.60 1.71 0.00	29.21 1.83 0.00	30.75 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.75 2.84 -0.01	43.53 3.22 0.00	49.68 3.38 0.00	47.25 3.05 0.00	44.66 2.65 0.00	41.01 2.97 0.00	37.06 2.55 0.00	33.28 2.24 0.00	29.47 1.85 0.00
GRISSOM___SOLAR 323813	28.49 1.89 0.00	27.06 1.75 0.00	24.34 1.51 0.00	24.38 1.49 0.00	24.44 1.45 0.00	25.42 1.62 0.00	25.71 1.59 0.00	25.60 1.43 0.00	26.23 1.32 0.00	26.06 1.05 0.00	27.03 1.14 0.00	28.53 1.15 0.00	30.06 1.27 0.00	32.54 1.46 0.00	33.73 1.73 0.00	38.06 2.15 0.00	43.01 2.70 0.00	50.28 3.98 0.00	48.26 4.06 0.00	45.79 3.78 0.00	41.28 3.23 0.00	37.58 3.07 0.00	33.56 2.51 0.00	29.80 2.18 0.00
GROVEVILLE___HYD 323602	27.77 1.17 0.00	26.33 1.01 0.00	23.77 0.94 0.00	23.76 0.87 0.00	23.86 0.87 0.00	24.69 0.88 0.00	25.04 0.92 0.00	25.14 0.97 0.00	25.91 1.00 0.00	25.89 0.88 0.00	27.13 1.24 0.00	28.72 1.34 0.00	30.29 1.50 0.00	32.91 1.83 0.00	34.21 2.21 0.00	38.27 2.37 0.00	43.13 2.82 0.00	49.50 3.19 0.00	47.12 2.92 0.00	44.66 2.65 0.00	40.63 2.59 0.00	36.71 2.21 0.00	32.91 1.86 0.00	29.11 1.49 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	26.66 0.05 0.00	25.37 0.05 0.00	22.81 -0.02 0.00	22.87 -0.02 0.00	22.99 0.00 0.00	23.78 -0.02 0.00	24.12 0.00 0.00	24.15 -0.02 0.00	24.76 -0.15 0.00	25.01 0.00 0.00	25.73 -0.16 0.00	27.27 -0.11 0.00	28.68 -0.12 0.00	31.04 -0.03 0.00	32.07 0.06 0.00	36.05 0.14 0.00	40.35 0.04 0.00	46.39 0.09 0.00	44.38 0.18 0.00	42.10 0.08 0.00	38.08 0.04 0.00	34.54 0.03 0.00	31.05 0.00 0.00	27.59 -0.03 0.00



HAMLTNNY_34_KV_TB 80303	26.66 0.05 0.00	25.34 0.03 0.00	22.79 -0.05 0.00	22.84 -0.05 0.00	22.94 -0.05 0.00	23.73 -0.07 0.00	24.10 -0.02 0.00	24.13 -0.05 0.00	24.71 -0.20 0.00	25.01 0.00 0.00	25.73 -0.16 0.00	27.30 -0.08 0.00	28.68 -0.12 0.00	31.08 0.00 0.00	32.07 0.06 0.00	36.05 0.14 0.00	40.39 0.08 0.00	46.44 0.14 0.00	44.42 0.22 0.00	42.14 0.13 0.00	38.08 0.04 0.00	34.51 0.00 0.00	31.02 -0.03 0.00	27.56 -0.06 0.00
HAMPSHIRE___PAPER_HYD 323593	26.52 -0.08 0.00	25.29 -0.03 0.00	22.77 -0.07 0.00	22.82 -0.07 0.00	22.92 -0.07 0.00	23.76 -0.05 0.00	24.10 -0.02 0.00	24.23 0.05 0.00	24.91 0.00 0.00	25.01 0.00 0.00	25.76 -0.13 0.00	27.19 -0.19 0.00	28.53 -0.26 0.00	30.73 -0.34 0.00	31.59 -0.42 0.00	35.51 -0.39 0.00	39.98 -0.32 0.00	45.98 -0.32 0.00	44.02 -0.18 0.00	41.93 -0.08 0.00	37.90 -0.15 0.00	34.47 -0.03 0.00	30.96 -0.09 0.00	27.48 -0.14 0.00
HARDSCRABBLE_WT_PWR 323673	26.79 0.19 0.00	25.44 0.13 0.00	22.95 0.11 0.00	23.03 0.14 0.00	23.15 0.16 0.00	24.02 0.21 0.00	24.31 0.19 0.00	24.42 0.24 0.00	25.13 0.22 0.00	25.31 0.30 0.00	26.22 0.34 0.00	27.73 0.35 0.00	29.14 0.35 0.00	31.54 0.47 0.00	32.52 0.51 0.00	36.48 0.57 0.00	40.91 0.61 0.00	47.00 0.70 0.00	44.82 0.62 0.00	42.56 0.54 0.00	38.47 0.42 0.00	34.89 0.38 0.00	31.30 0.25 0.00	27.76 0.14 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	27.53 0.93 0.00	26.10 0.78 0.00	23.57 0.73 0.00	23.57 0.69 0.00	23.65 0.67 0.00	24.49 0.69 0.00	24.84 0.72 0.00	24.98 0.80 0.00	25.73 0.82 0.00	25.74 0.73 0.00	26.98 1.09 0.00	28.53 1.15 0.00	30.06 1.27 0.00	32.63 1.55 0.00	33.89 1.89 0.00	37.91 2.01 0.00	42.73 2.42 0.00	48.99 2.69 0.00	46.63 2.43 0.00	44.20 2.18 0.00	40.18 2.13 0.00	36.37 1.86 0.00	32.63 1.58 0.00	28.86 1.24 0.00
HARSNRAD_115KV_TB1 81005	25.54 -1.06 0.00	24.15 -1.16 0.00	21.65 -1.19 0.00	21.61 -1.28 0.00	21.70 -1.29 0.00	22.50 -1.31 0.00	23.01 -1.11 0.00	22.92 -1.26 0.00	23.37 -1.54 0.00	24.26 -0.75 0.00	24.80 -1.09 0.00	26.64 -0.74 0.00	27.79 -1.01 0.00	30.17 -0.90 0.00	30.98 -1.02 0.00	35.18 -0.72 0.00	38.66 -1.61 0.03	42.54 -2.55 1.21	41.51 -2.17 0.53	38.51 -2.31 1.19	35.09 -2.51 0.44	31.84 -2.28 0.39	29.06 -1.96 0.03	26.32 -1.30 0.00
HARZA MOOSE___RIVER 24016	27.19 0.59 0.00	25.85 0.53 0.00	23.27 0.43 0.00	23.30 0.41 0.00	23.40 0.41 0.00	24.26 0.45 0.00	24.60 0.48 0.00	24.76 0.58 0.00	25.36 0.45 0.00	25.49 0.48 0.00	26.25 0.36 0.00	27.71 0.33 0.00	29.05 0.26 0.00	31.48 0.40 0.00	32.49 0.48 0.00	36.51 0.61 0.00	41.03 0.73 0.00	47.23 0.93 0.00	45.22 1.02 0.00	43.06 1.05 0.00	38.92 0.88 0.00	35.40 0.90 0.00	31.67 0.62 0.00	28.17 0.55 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	26.50 -0.11 0.00	25.21 -0.10 0.00	22.68 -0.16 0.00	22.75 -0.14 0.00	22.85 -0.14 0.00	23.64 -0.17 0.00	23.98 -0.14 0.00	24.01 -0.17 0.00	24.61 -0.30 0.00	24.89 -0.13 0.00	25.58 -0.31 0.00	27.13 -0.25 0.00	28.51 -0.29 0.00	30.86 -0.22 0.00	31.88 -0.13 0.00	35.80 -0.11 0.00	40.05 -0.24 0.02	45.50 -0.23 0.57	43.78 -0.18 0.25	41.25 -0.21 0.56	37.61 -0.23 0.21	34.12 -0.21 0.18	30.82 -0.22 0.02	27.42 -0.19 0.00
HELLGATE_13_KV_LD 55870	27.88 1.28 0.00	26.43 1.11 0.00	23.89 1.05 0.00	23.85 0.96 0.00	23.93 0.94 0.00	24.73 0.93 0.00	25.13 1.01 0.00	25.34 1.16 0.00	26.13 1.22 0.00	26.11 1.10 0.00	27.44 1.55 0.00	29.02 1.64 0.00	30.58 1.79 0.00	33.28 2.21 0.00	34.60 2.59 0.00	38.52 2.62 0.00	43.21 2.90 0.00	49.36 3.06 0.00	46.94 2.74 0.00	44.36 2.35 0.00	40.71 2.66 0.00	36.85 2.35 0.00	33.13 2.08 0.00	29.30 1.68 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	27.88 1.28 0.00	26.43 1.11 0.00	23.89 1.05 0.00	23.85 0.96 0.00	23.93 0.94 0.00	24.73 0.93 0.00	25.13 1.01 0.00	25.34 1.16 0.00	26.13 1.22 0.00	26.11 1.10 0.00	27.44 1.55 0.00	29.02 1.64 0.00	30.58 1.79 0.00	33.28 2.21 0.00	34.60 2.59 0.00	38.52 2.62 0.00	43.21 2.90 0.00	49.36 3.06 0.00	46.94 2.74 0.00	44.36 2.35 0.00	40.71 2.66 0.00	36.85 2.35 0.00	33.13 2.08 0.00	29.30 1.68 0.00
HEMPSTEAD___ 23647	28.15 1.54 0.00	26.58 1.27 0.00	23.98 1.14 0.00	23.94 1.05 0.00	24.00 1.01 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.41 1.23 0.00	26.28 1.37 0.00	26.26 1.25 0.00	29.12 1.81 -1.43	31.98 1.94 -2.65	32.97 2.10 -2.08	34.33 2.52 -0.74	34.85 2.85 0.00	38.81 2.91 0.00	43.57 3.26 0.00	49.96 3.66 0.00	52.08 3.40 -4.48	44.74 2.73 0.00	40.75 2.70 0.00	37.99 2.76 -0.73	33.62 2.33 -0.24	32.50 1.93 -2.95
HEWLETT_69_KV_BK3 55828	28.36 1.76 0.00	26.78 1.47 0.00	24.16 1.32 0.00	24.12 1.24 0.00	24.18 1.20 0.00	25.04 1.24 0.00	25.47 1.35 0.00	25.58 1.40 0.00	26.45 1.54 0.00	26.44 1.43 0.00	29.32 2.02 -1.42	32.22 2.19 -2.65	33.19 2.33 -2.07	34.57 2.77 -0.73	35.14 3.14 0.00	39.21 3.30 0.00	44.14 3.83 0.00	50.47 4.17 0.00	52.52 3.85 -4.47	45.20 3.19 0.00	41.17 3.12 0.00	38.26 3.04 -0.72	33.89 2.61 -0.23	32.74 2.18 -2.94
HICKLING___1 23621	26.66 0.05 0.00	25.24 -0.08 0.00	22.65 -0.18 0.00	22.66 -0.23 0.00	22.78 -0.21 0.00	23.59 -0.21 0.00	24.02 -0.10 0.00	24.27 0.10 0.00	24.79 -0.12 0.00	25.34 0.33 0.00	26.10 0.21 0.00	27.82 0.44 0.00	29.08 0.29 0.00	31.54 0.47 0.00	32.58 0.58 0.00	36.73 0.83 0.00	40.65 0.36 0.02	45.74 0.05 0.61	44.07 0.13 0.27	41.33 -0.08 0.60	37.48 -0.34 0.22	33.96 -0.35 0.20	30.97 -0.06 0.02	27.67 0.06 0.00
HICKLING___2 23622	26.66 0.05 0.00	25.24 -0.08 0.00	22.65 -0.18 0.00	22.66 -0.23 0.00	22.78 -0.21 0.00	23.59 -0.21 0.00	24.02 -0.10 0.00	24.27 0.10 0.00	24.79 -0.12 0.00	25.34 0.33 0.00	26.10 0.21 0.00	27.82 0.44 0.00	29.08 0.29 0.00	31.54 0.47 0.00	32.58 0.58 0.00	36.73 0.83 0.00	40.65 0.36 0.02	45.74 0.05 0.61	44.07 0.13 0.27	41.33 -0.08 0.60	37.48 -0.34 0.22	33.96 -0.35 0.20	30.97 -0.06 0.02	27.67 0.06 0.00
HIGH FALLS___HY 23754	27.69 1.09 0.00	26.23 0.91 0.00	23.61 0.78 0.00	23.62 0.73 0.00	23.72 0.74 0.00	24.54 0.74 0.00	24.92 0.80 0.00	25.02 0.85 0.00	25.81 0.90 0.00	25.86 0.85 0.00	27.10 1.22 0.00	28.69 1.31 0.00	30.26 1.47 0.00	32.91 1.83 0.00	34.25 2.24 0.00	38.34 2.44 0.00	43.25 2.94 0.00	49.54 3.24 0.00	47.16 2.96 0.00	44.70 2.69 0.00	40.67 2.63 0.00	36.71 2.21 0.00	32.94 1.89 0.00	29.08 1.46 0.00
HIGH_RIVER___SOLAR 323847	27.80 1.20 0.00	26.40 1.09 0.00	23.79 0.96 0.00	23.83 0.94 0.00	23.91 0.92 0.00	24.83 1.02 0.00	25.11 0.99 0.00	25.05 0.87 0.00	25.58 0.67 0.00	25.34 0.32 0.00	26.25 0.36 0.00	27.73 0.35 0.00	29.20 0.40 0.00	31.60 0.53 0.00	32.74 0.74 0.00	36.95 1.04 0.00	41.88 1.57 0.00	48.75 2.45 0.00	46.72 2.52 0.00	44.40 2.39 0.00	40.14 2.09 0.00	36.47 1.97 0.00	32.66 1.61 0.00	29.02 1.41 0.00



HILLBURN___GT 23639	27.51 0.91 0.00	26.07 0.76 0.00	23.54 0.71 0.00	23.53 0.64 0.00	23.63 0.64 0.00	24.45 0.64 0.00	24.84 0.72 0.00	24.97 0.80 0.00	25.73 0.82 0.00	25.74 0.73 0.00	27.00 1.11 0.00	28.56 1.18 0.00	30.03 1.24 0.00	32.63 1.55 0.00	33.89 1.89 0.00	37.84 1.94 0.00	42.60 2.30 0.00	48.89 2.59 0.00	46.50 2.30 0.00	44.03 2.02 0.00	40.06 2.02 0.00	36.30 1.79 0.00	32.54 1.49 0.00	28.83 1.21 0.00
HILLSIDE_115KV_TB1 80332	26.31 -0.29 0.00	24.91 -0.41 0.00	22.38 -0.46 0.00	22.38 -0.50 0.00	22.50 -0.48 0.00	23.33 -0.48 0.00	23.73 -0.39 0.00	24.01 -0.17 0.00	24.51 -0.40 0.00	25.04 0.03 0.00	25.81 -0.08 0.00	27.49 0.11 0.00	28.74 -0.06 0.00	31.14 0.06 0.00	32.17 0.16 0.00	36.23 0.32 0.00	40.09 -0.20 0.02	45.08 -0.65 0.58	43.38 -0.57 0.25	40.69 -0.76 0.56	36.92 -0.91 0.21	33.49 -0.83 0.19	30.54 -0.50 0.02	27.29 -0.33 0.00
HISHELDN_WT_PWR 323625	25.94 -0.66 0.00	24.56 -0.76 0.00	22.01 -0.82 0.00	22.00 -0.89 0.00	22.09 -0.90 0.00	23.00 -0.81 0.00	23.40 -0.72 0.00	23.53 -0.65 0.00	23.99 -0.92 0.00	24.76 -0.25 0.00	25.42 -0.47 0.00	27.24 -0.14 0.00	28.48 -0.32 0.00	30.86 -0.22 0.00	31.75 -0.26 0.00	36.01 0.11 0.00	39.51 -0.77 0.03	43.53 -1.71 1.06	42.46 -1.28 0.46	39.29 -1.68 1.04	35.53 -2.13 0.38	32.41 -1.76 0.34	29.72 -1.30 0.03	26.82 -0.80 0.00
HOLTSVILLE_IC_1 23690	28.28 1.68 0.00	26.68 1.37 0.00	24.05 1.21 0.00	23.99 1.10 0.00	24.04 1.06 0.00	24.90 1.10 0.00	25.52 1.40 0.00	25.48 1.30 0.00	26.30 1.39 0.00	26.29 1.27 0.00	29.15 1.84 -1.43	31.87 1.83 -2.65	32.85 1.99 -2.08	34.27 2.45 -0.74	34.85 2.85 0.00	38.95 3.05 0.00	43.89 3.59 0.00	50.38 4.08 0.00	52.48 3.80 -4.48	45.08 3.07 0.00	40.79 2.74 0.00	38.06 2.83 -0.73	33.62 2.33 -0.24	32.50 1.93 -2.95
HOLTSVILLE_IC_10 23699	28.39 1.78 0.00	26.78 1.47 0.00	24.14 1.30 0.00	24.08 1.19 0.00	24.11 1.13 0.00	24.99 1.19 0.00	25.62 1.50 0.00	25.55 1.38 0.00	26.40 1.49 0.00	26.39 1.37 0.00	29.28 1.97 -1.43	32.03 2.00 -2.65	33.03 2.16 -2.08	34.46 2.64 -0.74	35.08 3.07 0.00	39.24 3.34 0.00	44.26 3.95 0.00	50.75 4.45 0.00	52.88 4.20 -4.48	45.41 3.40 0.00	41.05 3.00 0.00	38.30 3.07 -0.73	33.80 2.51 -0.24	32.64 2.07 -2.95
HOLTSVILLE_IC_2 23691	28.28 1.68 0.00	26.68 1.37 0.00	24.05 1.21 0.00	23.99 1.10 0.00	24.04 1.06 0.00	24.90 1.10 0.00	25.52 1.40 0.00	25.48 1.30 0.00	26.30 1.39 0.00	26.29 1.27 0.00	29.15 1.84 -1.43	31.87 1.83 -2.65	32.85 1.99 -2.08	34.27 2.45 -0.74	34.85 2.85 0.00	38.95 3.05 0.00	43.89 3.59 0.00	50.38 4.08 0.00	52.48 3.80 -4.48	45.08 3.07 0.00	40.79 2.74 0.00	38.06 2.83 -0.73	33.62 2.33 -0.24	32.50 1.93 -2.95
HOLTSVILLE_IC_3 23692	28.28 1.68 0.00	26.68 1.37 0.00	24.05 1.21 0.00	23.99 1.10 0.00	24.04 1.06 0.00	24.90 1.10 0.00	25.52 1.40 0.00	25.48 1.30 0.00	26.30 1.39 0.00	26.29 1.27 0.00	29.15 1.84 -1.43	31.87 1.83 -2.65	32.85 1.99 -2.08	34.27 2.45 -0.74	34.85 2.85 0.00	38.95 3.05 0.00	43.89 3.59 0.00	50.38 4.08 0.00	52.48 3.80 -4.48	45.08 3.07 0.00	40.79 2.74 0.00	38.06 2.83 -0.73	33.62 2.33 -0.24	32.50 1.93 -2.95
HOLTSVILLE_IC_4 23693	28.28 1.68 0.00	26.68 1.37 0.00	24.05 1.21 0.00	23.99 1.10 0.00	24.04 1.06 0.00	24.90 1.10 0.00	25.52 1.40 0.00	25.48 1.30 0.00	26.30 1.39 0.00	26.29 1.27 0.00	29.15 1.84 -1.43	31.87 1.83 -2.65	32.85 1.99 -2.08	34.27 2.45 -0.74	34.85 2.85 0.00	38.95 3.05 0.00	43.89 3.59 0.00	50.38 4.08 0.00	52.48 3.80 -4.48	45.08 3.07 0.00	40.79 2.74 0.00	38.06 2.83 -0.73	33.62 2.33 -0.24	32.50 1.93 -2.95
HOLTSVILLE_IC_5 23694	28.28 1.68 0.00	26.68 1.37 0.00	24.05 1.21 0.00	23.99 1.10 0.00	24.04 1.06 0.00	24.90 1.10 0.00	25.52 1.40 0.00	25.48 1.30 0.00	26.30 1.39 0.00	26.29 1.27 0.00	29.15 1.84 -1.43	31.87 1.83 -2.65	32.85 1.99 -2.08	34.27 2.45 -0.74	34.85 2.85 0.00	38.95 3.05 0.00	43.89 3.59 0.00	50.38 4.08 0.00	52.48 3.80 -4.48	45.08 3.07 0.00	40.79 2.74 0.00	38.06 2.83 -0.73	33.62 2.33 -0.24	32.50 1.93 -2.95
HOLTSVILLE_IC_6 23695	28.39 1.78 0.00	26.78 1.47 0.00	24.14 1.30 0.00	24.08 1.19 0.00	24.11 1.13 0.00	24.99 1.19 0.00	25.62 1.50 0.00	25.55 1.38 0.00	26.40 1.49 0.00	26.39 1.37 0.00	29.28 1.97 -1.43	32.03 2.00 -2.65	33.03 2.16 -2.08	34.46 2.64 -0.74	35.08 3.07 0.00	39.24 3.34 0.00	44.26 3.95 0.00	50.75 4.45 0.00	52.88 4.20 -4.48	45.41 3.40 0.00	41.05 3.00 0.00	38.30 3.07 -0.73	33.80 2.51 -0.24	32.64 2.07 -2.95
HOLTSVILLE_IC_7 23696	28.39 1.78 0.00	26.78 1.47 0.00	24.14 1.30 0.00	24.08 1.19 0.00	24.11 1.13 0.00	24.99 1.19 0.00	25.62 1.50 0.00	25.55 1.38 0.00	26.40 1.49 0.00	26.39 1.37 0.00	29.28 1.97 -1.43	32.03 2.00 -2.65	33.03 2.16 -2.08	34.46 2.64 -0.74	35.08 3.07 0.00	39.24 3.34 0.00	44.26 3.95 0.00	50.75 4.45 0.00	52.88 4.20 -4.48	45.41 3.40 0.00	41.05 3.00 0.00	38.30 3.07 -0.73	33.80 2.51 -0.24	32.64 2.07 -2.95
HOLTSVILLE_IC_8 23697	28.39 1.78 0.00	26.78 1.47 0.00	24.14 1.30 0.00	24.08 1.19 0.00	24.11 1.13 0.00	24.99 1.19 0.00	25.62 1.50 0.00	25.55 1.38 0.00	26.40 1.49 0.00	26.39 1.37 0.00	29.28 1.97 -1.43	32.03 2.00 -2.65	33.03 2.16 -2.08	34.46 2.64 -0.74	35.08 3.07 0.00	39.24 3.34 0.00	44.26 3.95 0.00	50.75 4.45 0.00	52.88 4.20 -4.48	45.41 3.40 0.00	41.05 3.00 0.00	38.30 3.07 -0.73	33.80 2.51 -0.24	32.64 2.07 -2.95
HOLTSVILLE_IC_9 23698	28.39 1.78 0.00	26.78 1.47 0.00	24.14 1.30 0.00	24.08 1.19 0.00	24.11 1.13 0.00	24.99 1.19 0.00	25.62 1.50 0.00	25.55 1.38 0.00	26.40 1.49 0.00	26.39 1.37 0.00	29.28 1.97 -1.43	32.03 2.00 -2.65	33.03 2.16 -2.08	34.46 2.64 -0.74	35.08 3.07 0.00	39.24 3.34 0.00	44.26 3.95 0.00	50.75 4.45 0.00	52.88 4.20 -4.48	45.41 3.40 0.00	41.05 3.00 0.00	38.30 3.07 -0.73	33.80 2.51 -0.24	32.64 2.07 -2.95
HOMER_HL_115KV_TB2 355744	26.26 -0.35 0.00	24.81 -0.51 0.00	22.24 -0.59 0.00	22.22 -0.66 0.00	22.34 -0.64 0.00	23.19 -0.62 0.00	23.69 -0.43 0.00	24.47 0.29 0.00	24.93 0.02 0.00	25.71 0.70 0.00	26.51 0.62 0.00	28.42 1.04 0.00	29.51 0.72 0.00	32.01 0.93 0.00	32.91 0.90 0.00	37.27 1.36 0.00	40.20 -0.08 0.03	43.45 -1.85 1.00	41.95 -1.81 0.43	38.97 -2.06 0.98	35.36 -2.32 0.36	32.04 -2.14 0.32	30.12 -0.90 0.03	27.18 -0.44 0.00
HOWARD_WT_PWR 323690	28.04 1.44 0.00	26.46 1.14 0.00	23.66 0.82 0.00	23.64 0.75 0.00	23.79 0.80 0.00	24.73 0.93 0.00	25.16 1.04 0.00	25.75 1.57 0.00	26.15 1.24 0.00	26.86 1.85 0.00	27.57 1.68 0.00	29.41 2.03 0.00	30.72 1.93 0.00	33.44 2.36 0.00	34.57 2.56 0.00	39.14 3.23 0.00	43.15 2.86 0.02	48.06 2.50 0.75	46.75 2.87 0.32	43.26 1.97 0.73	39.03 1.25 0.27	35.40 1.14 0.24	32.61 1.58 0.02	29.08 1.46 0.00



HQ_GEN_CEDARS 23644	26.36 -0.24 0.00	25.21 -0.10 0.00	22.74 -0.09 0.00	22.80 -0.09 0.00	22.92 -0.07 0.00	23.76 -0.05 0.00	24.02 -0.10 0.00	24.13 -0.05 0.00	24.93 0.02 0.00	25.04 0.03 0.00	25.89 0.00 0.00	27.32 -0.05 0.00	28.76 -0.03 0.00	30.86 -0.22 0.00	31.59 -0.42 0.00	35.47 -0.43 0.00	39.86 -0.44 0.00	45.75 -0.56 0.00	43.67 -0.53 0.00	41.59 -0.42 0.00	37.63 -0.42 0.00	34.06 -0.45 0.00	30.71 -0.34 0.00	27.40 -0.22 0.00
HQ_GEN_CEDARS_PROXY 323590	26.36 -0.24 0.00	25.21 -0.10 0.00	22.75 -0.09 0.00	22.80 -0.09 0.00	22.92 -0.07 0.00	23.73 -0.07 0.00	24.02 -0.10 0.00	24.13 -0.05 0.00	24.93 0.02 0.00	25.04 0.03 0.00	25.89 0.00 0.00	27.32 -0.05 0.00	28.76 -0.03 0.00	30.86 -0.22 0.00	31.59 -0.42 0.00	35.47 -0.43 0.00	39.86 -0.44 0.00	45.75 -0.55 0.00	43.62 -0.58 0.00	41.59 -0.42 0.00	37.63 -0.42 0.00	34.06 -0.45 0.00	30.71 -0.34 0.00	27.37 -0.25 0.00
HQ_GEN_IMPORT 323601	26.42 -0.18 0.00	25.16 -0.15 0.00	22.70 -0.14 0.00	22.75 -0.14 0.00	22.87 -0.11 0.00	23.69 -0.12 0.00	23.98 -0.14 0.00	24.03 -0.14 0.00	24.88 -0.02 0.00	24.99 -0.02 0.00	25.86 -0.03 0.00	27.32 -0.05 0.00	28.74 -0.06 0.00	30.89 -0.19 0.00	31.65 -0.35 0.00	35.51 -0.39 0.00	39.86 -0.44 0.00	45.79 -0.51 0.00	43.72 -0.49 0.00	41.55 -0.46 0.00	37.63 -0.42 0.00	34.13 -0.38 0.00	30.77 -0.28 0.00	27.40 -0.22 0.00
HQ_GEN_WHEEL 23651	26.42 -0.18 0.00	25.16 -0.15 0.00	22.70 -0.14 0.00	22.75 -0.14 0.00	22.87 -0.11 0.00	23.69 -0.12 0.00	23.98 -0.14 0.00	24.03 -0.14 0.00	24.88 -0.02 0.00	24.99 -0.02 0.00	25.86 -0.03 0.00	27.32 -0.05 0.00	28.74 -0.06 0.00	30.89 -0.19 0.00	31.65 -0.35 0.00	35.51 -0.39 0.00	39.86 -0.44 0.00	45.79 -0.51 0.00	43.72 -0.49 0.00	41.55 -0.46 0.00	37.63 -0.42 0.00	34.13 -0.38 0.00	30.77 -0.28 0.00	27.40 -0.22 0.00
HUDSON AVE_GT_3 23810	27.88 1.28 0.00	26.43 1.11 0.00	23.84 1.00 0.00	23.83 0.94 0.00	23.93 0.94 0.00	24.73 0.93 0.00	25.16 1.04 0.00	25.36 1.18 0.00	26.16 1.25 0.00	26.14 1.13 0.00	27.47 1.58 0.00	29.08 1.70 0.00	30.61 1.81 0.00	33.28 2.21 0.00	34.60 2.59 0.00	38.60 2.69 0.00	43.37 3.06 0.00	49.54 3.24 0.00	47.12 2.92 0.00	44.57 2.56 0.00	40.79 2.74 0.00	36.92 2.42 0.00	33.13 2.08 0.00	29.27 1.66 0.00
HUDSON AVE_GT_4 23540	27.88 1.28 0.00	26.43 1.11 0.00	23.84 1.00 0.00	23.83 0.94 0.00	23.93 0.94 0.00	24.73 0.93 0.00	25.16 1.04 0.00	25.36 1.18 0.00	26.16 1.25 0.00	26.14 1.13 0.00	27.47 1.58 0.00	29.08 1.70 0.00	30.61 1.81 0.00	33.28 2.21 0.00	34.60 2.59 0.00	38.60 2.69 0.00	43.37 3.06 0.00	49.54 3.24 0.00	47.12 2.92 0.00	44.57 2.56 0.00	40.79 2.74 0.00	36.92 2.42 0.00	33.13 2.08 0.00	29.27 1.66 0.00
HUDSON AVE_GT_5 23657	27.88 1.28 0.00	26.43 1.11 0.00	23.84 1.00 0.00	23.83 0.94 0.00	23.93 0.94 0.00	24.73 0.93 0.00	25.16 1.04 0.00	25.36 1.18 0.00	26.16 1.25 0.00	26.14 1.13 0.00	27.47 1.58 0.00	29.08 1.70 0.00	30.61 1.81 0.00	33.28 2.21 0.00	34.60 2.59 0.00	38.60 2.69 0.00	43.37 3.06 0.00	49.54 3.24 0.00	47.12 2.92 0.00	44.57 2.56 0.00	40.79 2.74 0.00	36.92 2.42 0.00	33.13 2.08 0.00	29.27 1.66 0.00
HUDSON_AVE_10 24168	27.83 1.22 0.00	26.38 1.06 0.00	23.80 0.96 0.00	23.78 0.89 0.00	23.88 0.90 0.00	24.69 0.88 0.00	25.13 1.01 0.00	25.34 1.16 0.00	26.13 1.22 0.00	26.11 1.10 0.00	27.44 1.55 0.00	29.02 1.64 0.00	30.58 1.79 0.00	33.22 2.14 0.00	34.53 2.53 0.00	38.52 2.62 0.00	43.33 3.02 0.00	49.50 3.19 0.00	47.07 2.87 0.00	44.53 2.52 0.00	40.71 2.66 0.00	36.85 2.35 0.00	33.10 2.05 0.00	29.25 1.63 0.00
HUDSON___115KV_TB 4 355613	27.48 0.88 0.00	26.13 0.81 0.00	23.77 0.94 0.00	23.78 0.89 0.00	23.86 0.87 0.00	24.76 0.95 0.00	25.06 0.94 0.00	25.07 0.89 0.00	25.78 0.87 0.00	25.49 0.48 0.00	26.43 0.54 0.00	27.79 0.41 0.00	29.31 0.52 0.00	31.73 0.65 0.00	32.93 0.93 0.00	37.05 1.15 0.00	41.88 1.57 0.00	48.43 2.13 0.00	46.37 2.17 0.00	44.11 2.10 0.00	39.83 1.79 0.00	36.09 1.59 0.00	32.32 1.27 0.00	28.69 1.08 0.00
HUNTER MOUNT___DRP 323613	27.64 1.04 0.00	26.28 0.96 0.00	23.91 1.07 0.00	23.92 1.03 0.00	24.00 1.01 0.00	24.92 1.12 0.00	25.21 1.09 0.00	25.14 0.97 0.00	25.88 0.97 0.00	25.54 0.53 0.00	26.43 0.54 0.00	27.76 0.38 0.00	29.34 0.55 0.00	31.73 0.65 0.00	32.97 0.96 0.00	37.12 1.22 0.00	42.08 1.77 0.00	48.80 2.50 0.00	46.76 2.56 0.00	44.53 2.52 0.00	40.14 2.09 0.00	36.30 1.79 0.00	32.48 1.43 0.00	28.83 1.22 0.00
HUNTINGTON_RES_REC 323705	28.25 1.65 0.00	26.66 1.34 0.00	24.05 1.21 0.00	23.99 1.10 0.00	24.04 1.06 0.00	24.90 1.10 0.00	25.45 1.33 0.00	25.46 1.28 0.00	26.33 1.42 0.00	26.31 1.30 0.00	29.20 1.89 -1.43	32.01 1.97 -2.65	32.94 2.07 -2.08	34.27 2.45 -0.74	34.82 2.82 0.00	38.88 2.98 0.00	43.81 3.50 0.00	50.19 3.89 0.00	52.35 3.67 -4.48	44.99 2.98 0.00	40.75 2.70 0.00	38.20 2.97 -0.73	33.80 2.51 -0.24	32.67 2.10 -2.95
HUNTLEY___63 23557	25.81 -0.80 0.00	24.38 -0.94 0.00	21.85 -0.98 0.00	21.81 -1.08 0.00	21.91 -1.08 0.00	22.73 -1.07 0.00	23.23 -0.89 0.00	23.21 -0.97 0.00	23.66 -1.25 0.00	24.54 -0.48 0.00	25.14 -0.75 0.00	27.00 -0.38 0.00	28.16 -0.63 0.00	30.61 -0.47 0.00	31.43 -0.58 0.00	35.69 -0.22 0.00	39.11 -1.17 0.03	42.99 -2.13 1.19	41.92 -1.77 0.52	38.87 -1.97 1.16	35.37 -2.24 0.43	32.09 -2.04 0.38	29.37 -1.65 0.03	26.60 -1.02 0.00
HUNTLEY___64 23558	25.81 -0.80 0.00	24.38 -0.94 0.00	21.85 -0.98 0.00	21.81 -1.08 0.00	21.91 -1.08 0.00	22.73 -1.07 0.00	23.23 -0.89 0.00	23.21 -0.97 0.00	23.66 -1.25 0.00	24.54 -0.48 0.00	25.14 -0.75 0.00	27.00 -0.38 0.00	28.16 -0.63 0.00	30.61 -0.47 0.00	31.43 -0.58 0.00	35.69 -0.22 0.00	39.11 -1.17 0.03	42.99 -2.13 1.19	41.92 -1.77 0.52	38.87 -1.97 1.16	35.37 -2.24 0.43	32.09 -2.04 0.38	29.37 -1.65 0.03	26.60 -1.02 0.00
HUNTLEY___65 23559	25.81 -0.80 0.00	24.38 -0.94 0.00	21.85 -0.98 0.00	21.81 -1.08 0.00	21.91 -1.08 0.00	22.73 -1.07 0.00	23.23 -0.89 0.00	23.21 -0.97 0.00	23.66 -1.25 0.00	24.54 -0.48 0.00	25.14 -0.75 0.00	27.00 -0.38 0.00	28.16 -0.63 0.00	30.61 -0.47 0.00	31.43 -0.58 0.00	35.69 -0.22 0.00	39.11 -1.17 0.03	42.99 -2.13 1.19	41.92 -1.77 0.52	38.87 -1.97 1.16	35.37 -2.24 0.43	32.09 -2.04 0.38	29.37 -1.65 0.03	26.60 -1.02 0.00
HUNTLEY___66 23560	25.81 -0.80 0.00	24.38 -0.94 0.00	21.85 -0.98 0.00	21.81 -1.08 0.00	21.91 -1.08 0.00	22.73 -1.07 0.00	23.23 -0.89 0.00	23.21 -0.97 0.00	23.66 -1.25 0.00	24.54 -0.48 0.00	25.14 -0.75 0.00	27.00 -0.38 0.00	28.16 -0.63 0.00	30.61 -0.47 0.00	31.43 -0.58 0.00	35.69 -0.22 0.00	39.11 -1.17 0.03	42.99 -2.13 1.19	41.92 -1.77 0.52	38.87 -1.97 1.16	35.37 -2.24 0.43	32.09 -2.04 0.38	29.37 -1.65 0.03	26.60 -1.02 0.00



HUNTLEY___67 23561	25.62 -0.98 0.00	24.23 -1.09 0.00	21.72 -1.12 0.00	21.70 -1.19 0.00	21.79 -1.20 0.00	22.59 -1.21 0.00	23.11 -1.01 0.00	23.09 -1.09 0.00	23.56 -1.35 0.00	24.41 -0.60 0.00	25.01 -0.88 0.00	26.83 -0.55 0.00	27.99 -0.81 0.00	30.36 -0.71 0.00	31.20 -0.80 0.00	35.40 -0.50 0.00	38.78 -1.49 0.03	42.67 -2.45 1.18	41.57 -2.12 0.51	38.59 -2.27 1.15	35.15 -2.47 0.43	31.88 -2.24 0.38	29.18 -1.83 0.03	26.43 -1.19 0.00
HUNTLEY___68 23562	25.62 -0.98 0.00	24.23 -1.09 0.00	21.72 -1.12 0.00	21.70 -1.19 0.00	21.79 -1.20 0.00	22.59 -1.21 0.00	23.11 -1.01 0.00	23.09 -1.09 0.00	23.56 -1.35 0.00	24.41 -0.60 0.00	25.01 -0.88 0.00	26.83 -0.55 0.00	27.99 -0.81 0.00	30.36 -0.71 0.00	31.20 -0.80 0.00	35.40 -0.50 0.00	38.78 -1.49 0.03	42.67 -2.45 1.18	41.57 -2.12 0.51	38.59 -2.27 1.15	35.15 -2.47 0.43	31.88 -2.24 0.38	29.18 -1.83 0.03	26.43 -1.19 0.00
HYLAND___LFG 323620	27.27 0.67 0.00	25.92 0.61 0.00	23.11 0.28 0.00	23.07 0.18 0.00	23.17 0.18 0.00	24.09 0.29 0.00	24.50 0.38 0.00	24.64 0.46 0.00	24.96 0.05 0.00	25.44 0.42 0.00	25.86 -0.03 0.00	27.52 0.14 0.00	28.85 0.06 0.00	31.29 0.22 0.00	32.33 0.32 0.00	36.91 1.00 0.00	41.41 1.13 0.03	46.87 1.62 1.05	45.95 2.21 0.46	42.70 1.72 1.03	38.69 1.03 0.38	35.06 0.90 0.34	31.80 0.78 0.03	28.42 0.80 0.00
INDECK___CORINTH 23802	27.69 1.09 0.00	26.30 0.99 0.00	23.68 0.85 0.00	23.69 0.80 0.00	23.77 0.78 0.00	24.71 0.90 0.00	25.01 0.89 0.00	25.02 0.85 0.00	25.83 0.92 0.00	25.74 0.73 0.00	26.54 0.65 0.00	27.98 0.60 0.00	29.51 0.72 0.00	31.64 0.56 0.00	32.77 0.77 0.00	36.80 0.90 0.00	41.88 1.57 0.00	48.66 2.36 0.00	46.76 2.56 0.00	44.40 2.39 0.00	40.06 2.02 0.00	36.40 1.90 0.00	32.54 1.49 0.00	29.00 1.38 0.00
INDECK___ILION 23567	26.98 0.37 0.00	25.64 0.33 0.00	23.13 0.30 0.00	23.19 0.30 0.00	23.26 0.28 0.00	24.11 0.31 0.00	24.41 0.29 0.00	24.49 0.31 0.00	25.18 0.27 0.00	25.26 0.25 0.00	26.15 0.26 0.00	27.65 0.27 0.00	29.05 0.26 0.00	31.42 0.34 0.00	32.39 0.38 0.00	36.33 0.43 0.00	40.79 0.48 0.00	46.90 0.60 0.00	44.82 0.62 0.00	42.60 0.59 0.00	38.58 0.53 0.00	35.06 0.55 0.00	31.48 0.43 0.00	27.98 0.36 0.00
INDECK___OLEAN 23982	26.26 -0.35 0.00	24.81 -0.51 0.00	22.24 -0.59 0.00	22.22 -0.66 0.00	22.34 -0.64 0.00	23.26 -0.55 0.00	23.69 -0.43 0.00	24.47 0.29 0.00	24.93 0.02 0.00	25.69 0.68 0.00	26.51 0.62 0.00	28.42 1.04 0.00	29.54 0.75 0.00	32.01 0.93 0.00	32.94 0.93 0.00	37.31 1.40 0.00	40.48 0.20 0.03	43.50 -1.81 1.00	42.57 -1.19 0.43	38.98 -2.06 0.98	35.21 -2.47 0.36	32.04 -2.14 0.32	30.15 -0.87 0.03	27.20 -0.41 0.00
INDECK___OSWEGO 23783	26.29 -0.32 0.00	25.01 -0.30 0.00	22.54 -0.30 0.00	22.59 -0.30 0.00	22.69 -0.30 0.00	23.49 -0.31 0.00	23.81 -0.31 0.00	23.82 -0.36 0.00	24.44 -0.47 0.00	24.64 -0.37 0.00	25.34 -0.54 0.00	26.83 -0.55 0.00	28.22 -0.58 0.00	30.52 -0.56 0.00	31.49 -0.51 0.00	35.37 -0.54 0.00	39.67 -0.69 -0.05	47.31 -0.69 -1.70	44.32 -0.62 -0.74	43.05 -0.63 -1.67	38.06 -0.61 -0.62	34.50 -0.55 -0.55	30.60 -0.50 -0.05	27.15 -0.47 0.00
INDECK___YERKES 23781	25.83 -0.77 0.00	24.41 -0.91 0.00	21.85 -0.98 0.00	21.84 -1.05 0.00	21.93 -1.06 0.00	22.83 -0.98 0.00	23.25 -0.87 0.00	23.23 -0.94 0.00	23.69 -1.22 0.00	24.54 -0.48 0.00	25.16 -0.72 0.00	27.02 -0.36 0.00	28.25 -0.55 0.00	30.67 -0.40 0.00	31.49 -0.51 0.00	35.79 -0.11 0.00	39.23 -1.05 0.03	43.13 -1.99 1.19	42.09 -1.59 0.52	38.92 -1.93 1.16	35.22 -2.40 0.43	32.12 -2.00 0.38	29.43 -1.58 0.03	26.65 -0.97 0.00
INDIAN POINT_GT_1 24139	27.53 0.93 0.00	26.10 0.78 0.00	23.57 0.73 0.00	23.57 0.69 0.00	23.65 0.67 0.00	24.49 0.69 0.00	24.87 0.75 0.00	25.00 0.82 0.00	25.76 0.85 0.00	25.74 0.73 0.00	27.03 1.14 0.00	28.58 1.20 0.00	30.09 1.30 0.00	32.66 1.58 0.00	33.93 1.92 0.00	37.91 2.01 0.00	42.69 2.38 0.00	48.90 2.59 0.00	46.50 2.30 0.00	44.03 2.02 0.00	40.14 2.09 0.00	36.33 1.83 0.00	32.63 1.58 0.00	28.86 1.24 0.00
INDIAN POINT_GT_2 23659	27.53 0.93 0.00	26.10 0.78 0.00	23.57 0.73 0.00	23.57 0.69 0.00	23.65 0.67 0.00	24.49 0.69 0.00	24.87 0.75 0.00	25.00 0.82 0.00	25.76 0.85 0.00	25.74 0.73 0.00	27.03 1.14 0.00	28.58 1.20 0.00	30.09 1.30 0.00	32.66 1.58 0.00	33.93 1.92 0.00	37.91 2.01 0.00	42.69 2.38 0.00	48.90 2.59 0.00	46.50 2.30 0.00	44.03 2.02 0.00	40.14 2.09 0.00	36.33 1.83 0.00	32.63 1.58 0.00	28.86 1.24 0.00
INDIAN POINT_GT_3 24019	27.53 0.93 0.00	26.10 0.78 0.00	23.57 0.73 0.00	23.57 0.69 0.00	23.65 0.67 0.00	24.49 0.69 0.00	24.87 0.75 0.00	25.00 0.82 0.00	25.76 0.85 0.00	25.74 0.73 0.00	27.03 1.14 0.00	28.58 1.20 0.00	30.09 1.30 0.00	32.66 1.58 0.00	33.93 1.92 0.00	37.91 2.01 0.00	42.69 2.38 0.00	48.90 2.59 0.00	46.50 2.30 0.00	44.03 2.02 0.00	40.14 2.09 0.00	36.33 1.83 0.00	32.63 1.58 0.00	28.86 1.24 0.00
INDIAN POINT___2 23530	27.43 0.83 0.00	26.02 0.71 0.00	23.47 0.64 0.00	23.48 0.59 0.00	23.58 0.60 0.00	24.40 0.60 0.00	24.77 0.65 0.00	24.93 0.75 0.00	25.66 0.75 0.00	25.66 0.65 0.00	26.92 1.04 0.00	28.48 1.10 0.00	29.95 1.15 0.00	32.54 1.46 0.00	33.76 1.76 0.00	37.70 1.79 0.00	42.48 2.18 0.00	48.71 2.41 0.00	46.32 2.12 0.00	43.86 1.85 0.00	39.95 1.90 0.00	36.20 1.69 0.00	32.45 1.40 0.00	28.78 1.16 0.00
INDIAN POINT___3 23531	27.56 0.96 0.00	26.15 0.84 0.00	23.59 0.75 0.00	23.60 0.71 0.00	23.68 0.69 0.00	24.52 0.71 0.00	24.89 0.77 0.00	25.05 0.87 0.00	25.81 0.90 0.00	25.79 0.78 0.00	27.05 1.16 0.00	28.61 1.23 0.00	30.12 1.32 0.00	32.72 1.65 0.00	33.96 1.95 0.00	37.95 2.05 0.00	42.69 2.38 0.00	48.90 2.59 0.00	46.50 2.30 0.00	44.07 2.06 0.00	40.14 2.09 0.00	36.37 1.86 0.00	32.63 1.58 0.00	28.89 1.27 0.00
INGHAM_C_115KV_TB7 356103	27.19 0.59 0.00	25.85 0.53 0.00	23.29 0.46 0.00	23.35 0.46 0.00	23.45 0.46 0.00	24.28 0.48 0.00	24.60 0.48 0.00	24.69 0.51 0.00	25.33 0.42 0.00	25.41 0.40 0.00	26.30 0.41 0.00	27.79 0.41 0.00	29.20 0.40 0.00	31.60 0.53 0.00	32.52 0.51 0.00	36.51 0.61 0.00	40.99 0.69 0.00	47.18 0.88 0.00	45.08 0.88 0.00	42.85 0.84 0.00	38.81 0.76 0.00	35.30 0.79 0.00	31.70 0.65 0.00	28.20 0.58 0.00
IP CORINTH___1 23988	27.83 1.22 0.00	26.43 1.11 0.00	23.80 0.96 0.00	23.83 0.94 0.00	23.88 0.90 0.00	24.83 1.02 0.00	25.16 1.04 0.00	25.14 0.97 0.00	25.96 1.05 0.00	25.86 0.85 0.00	26.69 0.80 0.00	28.15 0.77 0.00	29.66 0.86 0.00	31.82 0.75 0.00	32.97 0.96 0.00	37.02 1.11 0.00	42.08 1.77 0.00	48.94 2.64 0.00	47.03 2.83 0.00	44.66 2.65 0.00	40.25 2.21 0.00	36.61 2.10 0.00	32.72 1.68 0.00	29.14 1.52 0.00



IP__TICONDEROGA 23804	29.32 2.71 0.00	27.85 2.53 0.00	25.01 2.17 0.00	24.99 2.11 0.00	25.01 2.02 0.00	26.09 2.29 0.00	26.44 2.32 0.00	26.38 2.20 0.00	27.38 2.47 0.00	27.26 2.25 0.00	28.17 2.28 0.00	29.65 2.27 0.00	31.30 2.50 0.00	33.59 2.52 0.00	34.82 2.82 0.00	39.17 3.27 0.00	44.46 4.15 0.00	51.95 5.65 0.00	50.04 5.83 0.00	47.39 5.38 0.00	42.57 4.53 0.00	38.78 4.28 0.00	34.59 3.54 0.00	30.77 3.15 0.00
ISLIP_RES_REC 323679	28.52 1.92 0.00	26.89 1.57 0.00	24.23 1.39 0.00	24.17 1.28 0.00	24.20 1.22 0.00	25.09 1.28 0.00	25.71 1.59 0.00	25.65 1.48 0.00	26.53 1.62 0.00	26.49 1.48 0.00	29.41 2.10 -1.43	32.17 2.14 -2.65	33.20 2.33 -2.08	34.67 2.86 -0.74	35.30 3.30 0.00	39.49 3.59 0.00	44.58 4.27 0.00	51.16 4.86 0.00	53.23 4.55 -4.48	45.71 3.70 0.00	41.28 3.23 0.00	38.54 3.31 -0.73	33.96 2.67 -0.24	32.78 2.21 -2.95
JAMAICA__27_KV_LOAD 355505	28.01 1.41 0.00	26.56 1.24 0.00	23.95 1.12 0.00	23.92 1.03 0.00	24.02 1.03 0.00	24.85 1.05 0.00	25.33 1.21 0.00	25.56 1.38 0.00	26.35 1.44 0.00	26.36 1.35 0.00	27.70 1.81 0.00	29.32 1.94 0.00	30.87 2.07 0.00	33.50 2.42 0.00	34.85 2.85 0.00	38.88 2.98 0.00	43.81 3.51 0.00	50.01 3.70 0.00	47.56 3.36 0.00	44.99 2.98 0.00	41.13 3.08 0.00	37.16 2.66 0.00	33.41 2.36 0.00	29.50 1.88 0.00
JANIS__SOLAR 323808	28.12 1.52 0.00	26.63 1.32 0.00	23.89 1.05 0.00	23.92 1.03 0.00	24.02 1.04 0.00	24.92 1.12 0.00	25.30 1.18 0.00	25.53 1.35 0.00	25.93 1.02 0.00	26.19 1.18 0.00	26.82 0.93 0.00	28.34 0.96 0.00	29.66 0.86 0.00	32.26 1.18 0.00	33.41 1.41 0.00	37.70 1.79 0.00	42.31 2.01 0.01	48.60 2.64 0.34	47.01 2.96 0.15	44.41 2.73 0.33	40.17 2.24 0.12	36.54 2.14 0.11	32.90 1.86 0.01	29.16 1.55 0.00
JARVIS____ 23743	26.71 0.11 0.00	25.42 0.10 0.00	22.93 0.09 0.00	22.98 0.09 0.00	23.08 0.09 0.00	23.90 0.10 0.00	24.22 0.10 0.00	24.27 0.10 0.00	24.98 0.07 0.00	25.06 0.05 0.00	25.94 0.05 0.00	27.43 0.05 0.00	28.85 0.06 0.00	31.17 0.09 0.00	32.17 0.16 0.00	36.05 0.14 0.00	40.51 0.20 0.00	46.53 0.23 0.00	44.42 0.22 0.00	42.22 0.21 0.00	38.24 0.19 0.00	34.71 0.21 0.00	31.20 0.16 0.00	27.73 0.11 0.00
JENNISON__1 23625	28.20 1.60 0.00	26.73 1.42 0.00	23.98 1.14 0.00	24.03 1.14 0.00	24.11 1.13 0.00	25.02 1.21 0.00	25.37 1.25 0.00	25.65 1.47 0.00	26.13 1.22 0.00	26.44 1.43 0.00	27.18 1.29 0.00	28.78 1.40 0.00	30.06 1.27 0.00	32.72 1.65 0.00	33.89 1.89 0.00	38.13 2.23 0.00	42.64 2.34 0.01	48.78 2.78 0.30	46.94 2.87 0.13	44.49 2.77 0.29	40.30 2.36 0.11	36.69 2.28 0.10	32.87 1.83 0.01	29.25 1.63 0.00
JENNISON__2 23626	28.20 1.60 0.00	26.73 1.42 0.00	23.98 1.14 0.00	24.03 1.14 0.00	24.11 1.13 0.00	25.02 1.21 0.00	25.37 1.25 0.00	25.65 1.47 0.00	26.13 1.22 0.00	26.44 1.43 0.00	27.18 1.29 0.00	28.78 1.40 0.00	30.06 1.27 0.00	32.72 1.65 0.00	33.89 1.89 0.00	38.13 2.23 0.00	42.64 2.34 0.01	48.78 2.78 0.30	46.94 2.87 0.13	44.49 2.77 0.29	40.30 2.36 0.11	36.69 2.28 0.10	32.87 1.83 0.01	29.25 1.63 0.00
JERICHO_RISE_WT_PWR 323719	26.90 0.29 0.00	25.75 0.43 0.00	23.22 0.39 0.00	23.25 0.37 0.00	23.40 0.41 0.00	24.26 0.45 0.00	24.58 0.46 0.00	24.71 0.53 0.00	25.53 0.62 0.00	25.64 0.63 0.00	26.51 0.62 0.00	27.98 0.60 0.00	29.46 0.66 0.00	31.60 0.53 0.00	32.36 0.35 0.00	36.37 0.47 0.00	40.95 0.64 0.00	46.90 0.60 0.00	44.69 0.49 0.00	42.52 0.51 0.00	38.35 0.30 0.00	34.61 0.10 0.00	31.17 0.12 0.00	27.78 0.17 0.00
KATONAH__115KV_46KV_TB4 355592	27.83 1.22 0.00	26.35 1.04 0.00	23.80 0.96 0.00	23.80 0.92 0.00	23.88 0.90 0.00	24.73 0.93 0.00	25.09 0.96 0.00	25.22 1.04 0.00	25.98 1.07 0.00	25.96 0.95 0.00	27.29 1.40 0.00	28.88 1.51 0.00	30.41 1.61 0.00	33.06 1.99 0.00	34.34 2.34 0.00	38.42 2.51 0.00	43.21 2.90 0.00	49.45 3.15 0.00	47.03 2.83 0.00	44.62 2.60 0.00	40.60 2.55 0.00	36.78 2.28 0.00	32.97 1.92 0.00	29.14 1.52 0.00
KCE_NY_1 323755	27.93 1.33 0.00	26.53 1.22 0.00	23.91 1.07 0.00	23.94 1.05 0.00	24.00 1.01 0.00	24.92 1.12 0.00	25.25 1.13 0.00	25.27 1.09 0.00	26.00 1.09 0.00	25.91 0.90 0.00	26.90 1.01 0.00	28.39 1.01 0.00	29.91 1.12 0.00	32.29 1.21 0.00	33.45 1.44 0.00	37.52 1.62 0.00	42.36 2.05 0.00	48.99 2.68 0.00	46.90 2.70 0.00	44.62 2.61 0.00	40.29 2.24 0.00	36.61 2.11 0.00	32.75 1.71 0.00	29.16 1.55 0.00
KCE_NY_6_ESR 323823	26.02 -0.59 0.00	24.58 -0.73 0.00	22.04 -0.80 0.00	22.02 -0.87 0.00	22.11 -0.87 0.00	23.02 -0.78 0.00	23.44 -0.68 0.00	23.62 -0.56 0.00	24.06 -0.85 0.00	24.91 -0.10 0.00	25.58 -0.31 0.00	27.46 0.08 0.00	28.65 -0.14 0.00	31.11 0.03 0.00	31.95 -0.06 0.00	36.30 0.40 0.00	39.67 -0.60 0.03	43.36 -1.81 1.13	42.38 -1.32 0.49	39.10 -1.81 1.11	35.35 -2.28 0.41	32.24 -1.90 0.37	29.71 -1.30 0.03	26.87 -0.74 0.00
KEDC_PORT_JEFF_GT2 24210	28.33 1.73 0.00	26.73 1.42 0.00	24.09 1.26 0.00	24.03 1.14 0.00	24.09 1.10 0.00	24.95 1.14 0.00	25.59 1.47 0.00	25.53 1.35 0.00	26.40 1.49 0.00	26.36 1.35 0.00	29.26 1.94 -1.43	32.01 1.97 -2.65	33.00 2.13 -2.08	34.43 2.61 -0.74	35.05 3.04 0.00	39.17 3.27 0.00	44.18 3.87 0.00	50.42 4.12 0.00	52.52 3.84 -4.48	45.33 3.32 0.00	40.98 2.93 0.00	38.27 3.04 -0.73	33.77 2.48 -0.24	32.61 2.04 -2.95
KEDC_PORT_JEFF_GT3 24211	28.33 1.73 0.00	26.73 1.42 0.00	24.09 1.26 0.00	24.03 1.14 0.00	24.09 1.10 0.00	24.95 1.14 0.00	25.59 1.47 0.00	25.53 1.35 0.00	26.40 1.49 0.00	26.36 1.35 0.00	29.26 1.94 -1.43	32.01 1.97 -2.65	33.00 2.13 -2.08	34.43 2.61 -0.74	35.05 3.04 0.00	39.17 3.27 0.00	44.18 3.87 0.00	50.42 4.12 0.00	52.52 3.84 -4.48	45.33 3.32 0.00	40.98 2.93 0.00	38.27 3.04 -0.73	33.77 2.48 -0.24	32.61 2.04 -2.95
KEDC_GLWD_GT4 24219	28.28 1.68 0.00	26.71 1.39 0.00	24.09 1.26 0.00	24.05 1.17 0.00	24.11 1.13 0.00	24.95 1.14 0.00	25.42 1.30 0.00	25.51 1.33 0.00	26.40 1.49 0.00	26.39 1.37 0.00	29.26 1.94 -1.43	32.14 2.11 -2.65	33.12 2.25 -2.08	34.52 2.70 -0.74	35.05 3.04 0.00	39.06 3.16 0.00	43.61 3.31 0.00	49.96 3.66 0.00	52.08 3.40 -4.48	44.78 2.77 0.00	41.02 2.97 0.00	38.20 2.97 -0.73	33.77 2.48 -0.24	32.67 2.10 -2.95
KEDC_GLWD_GT5 24220	28.28 1.68 0.00	26.71 1.39 0.00	24.09 1.26 0.00	24.05 1.17 0.00	24.11 1.13 0.00	24.95 1.14 0.00	25.42 1.30 0.00	25.51 1.33 0.00	26.40 1.49 0.00	26.39 1.37 0.00	29.26 1.94 -1.43	32.14 2.11 -2.65	33.12 2.25 -2.08	34.52 2.70 -0.74	35.05 3.04 0.00	39.06 3.16 0.00	43.61 3.31 0.00	49.96 3.66 0.00	52.08 3.40 -4.48	44.78 2.77 0.00	41.02 2.97 0.00	38.20 2.97 -0.73	33.77 2.48 -0.24	32.67 2.10 -2.95



KENSICO____ 23655	27.72 1.12 0.00	26.28 0.96 0.00	23.73 0.89 0.00	23.74 0.85 0.00	23.81 0.83 0.00	24.64 0.83 0.00	25.04 0.92 0.00	25.19 1.02 0.00	25.96 1.05 0.00	25.94 0.93 0.00	27.23 1.35 0.00	28.80 1.42 0.00	30.32 1.53 0.00	32.94 1.86 0.00	34.21 2.21 0.00	38.20 2.30 0.00	43.01 2.70 0.00	49.22 2.92 0.00	46.81 2.61 0.00	44.32 2.31 0.00	40.41 2.36 0.00	36.61 2.10 0.00	32.85 1.80 0.00	29.08 1.46 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	27.75 1.14 0.00	26.28 0.96 0.00	23.68 0.84 0.00	23.69 0.80 0.00	23.79 0.80 0.00	24.61 0.81 0.00	24.96 0.84 0.00	25.07 0.89 0.00	25.83 0.92 0.00	25.86 0.85 0.00	27.05 1.16 0.00	28.64 1.26 0.00	30.20 1.41 0.00	32.82 1.74 0.00	34.15 2.14 0.00	38.27 2.37 0.00	43.17 2.86 0.00	49.59 3.29 0.00	47.21 3.01 0.00	44.74 2.73 0.00	40.71 2.66 0.00	36.71 2.21 0.00	32.94 1.89 0.00	29.11 1.49 0.00
KIAC_JFK_GT1 23816	27.88 1.28 0.00	26.40 1.09 0.00	23.82 0.98 0.00	23.80 0.92 0.00	23.91 0.92 0.00	24.73 0.93 0.00	25.18 1.06 0.00	25.41 1.23 0.00	26.21 1.30 0.00	26.21 1.20 0.00	27.54 1.66 0.00	29.16 1.78 0.00	30.69 1.90 0.00	33.19 2.11 0.00	34.50 2.50 0.00	38.49 2.59 0.00	43.37 3.06 0.00	49.54 3.24 0.00	47.12 2.92 0.00	44.53 2.52 0.00	40.75 2.70 0.00	36.82 2.31 0.00	33.22 2.17 0.00	29.33 1.71 0.00
KIAC_JFK_GT2 23817	27.88 1.28 0.00	26.40 1.09 0.00	23.82 0.98 0.00	23.80 0.92 0.00	23.91 0.92 0.00	24.73 0.93 0.00	25.18 1.06 0.00	25.41 1.23 0.00	26.21 1.30 0.00	26.21 1.20 0.00	27.54 1.66 0.00	29.16 1.78 0.00	30.69 1.90 0.00	33.19 2.11 0.00	34.50 2.50 0.00	38.49 2.59 0.00	43.37 3.06 0.00	49.54 3.24 0.00	47.12 2.92 0.00	44.53 2.52 0.00	40.75 2.70 0.00	36.82 2.31 0.00	33.22 2.17 0.00	29.33 1.71 0.00
KIAC_JFK____ 323774	27.88 1.28 0.00	26.40 1.09 0.00	23.84 1.00 0.00	23.80 0.92 0.00	23.91 0.92 0.00	24.73 0.93 0.00	25.18 1.06 0.00	25.41 1.23 0.00	26.20 1.29 0.00	26.24 1.23 0.00	27.55 1.66 0.00	29.16 1.78 0.00	30.69 1.90 0.00	33.19 2.11 0.00	34.50 2.50 0.00	38.49 2.59 0.00	43.33 3.02 0.00	49.54 3.24 0.00	47.12 2.92 0.00	44.53 2.52 0.00	40.75 2.70 0.00	36.82 2.31 0.00	33.19 2.14 0.00	29.33 1.71 0.00
KINTIGH____ 23543	25.54 -1.06 0.00	24.20 -1.11 0.00	21.69 -1.14 0.00	21.68 -1.21 0.00	21.79 -1.20 0.00	22.57 -1.24 0.00	23.06 -1.06 0.00	22.85 -1.33 0.00	23.34 -1.57 0.00	24.09 -0.93 0.00	24.65 -1.24 0.00	26.42 -0.96 0.00	27.58 -1.21 0.00	29.93 -1.15 0.00	30.79 -1.22 0.00	34.83 -1.08 0.00	38.62 -1.65 0.04	42.94 -2.04 1.32	41.90 -1.72 0.58	38.87 -1.85 1.30	35.55 -2.02 0.48	32.25 -1.83 0.43	29.21 -1.80 0.04	26.35 -1.27 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	27.64 1.04 0.00	26.51 1.19 0.00	23.89 1.05 0.00	23.92 1.03 0.00	24.09 1.10 0.00	25.02 1.21 0.00	25.37 1.25 0.00	25.51 1.33 0.00	26.30 1.39 0.00	26.44 1.43 0.00	27.34 1.45 0.00	28.83 1.45 0.00	30.41 1.61 0.00	32.60 1.52 0.00	33.45 1.44 0.00	37.63 1.72 0.00	42.44 2.14 0.00	48.57 2.27 0.00	46.28 2.08 0.00	44.03 2.02 0.00	39.68 1.64 0.00	35.71 1.21 0.00	32.10 1.06 0.00	28.67 1.05 0.00
LACHUTE__HYDRO 323717	29.32 2.71 0.00	27.85 2.53 0.00	25.01 2.17 0.00	24.99 2.10 0.00	25.01 2.02 0.00	26.09 2.29 0.00	26.44 2.32 0.00	26.38 2.20 0.00	27.38 2.47 0.00	27.26 2.25 0.00	28.17 2.28 0.00	29.65 2.27 0.00	31.30 2.50 0.00	33.59 2.52 0.00	34.82 2.82 0.00	39.17 3.27 0.00	44.46 4.15 0.00	51.95 5.65 0.00	50.03 5.83 0.00	47.39 5.38 0.00	42.57 4.53 0.00	38.78 4.28 0.00	34.59 3.54 0.00	30.76 3.15 0.00
LAWRNCV_115KV_TB1 80681	26.20 -0.40 0.00	25.09 -0.23 0.00	22.63 -0.21 0.00	22.66 -0.23 0.00	22.78 -0.21 0.00	23.64 -0.17 0.00	23.90 -0.22 0.00	24.03 -0.15 0.00	24.81 -0.10 0.00	24.91 -0.10 0.00	25.76 -0.13 0.00	27.16 -0.22 0.00	28.56 -0.23 0.00	30.61 -0.47 0.00	31.36 -0.64 0.00	35.22 -0.68 0.00	39.62 -0.69 0.00	45.51 -0.79 0.00	43.45 -0.75 0.00	41.42 -0.59 0.00	37.48 -0.57 0.00	33.95 -0.55 0.00	30.55 -0.50 0.00	27.26 -0.36 0.00
LEDERLE____ 23769	27.59 0.98 0.00	26.15 0.84 0.00	23.61 0.78 0.00	23.60 0.71 0.00	23.70 0.71 0.00	24.52 0.71 0.00	24.92 0.80 0.00	25.05 0.87 0.00	25.81 0.90 0.00	25.81 0.80 0.00	27.08 1.19 0.00	28.64 1.26 0.00	30.15 1.35 0.00	32.75 1.68 0.00	33.99 1.98 0.00	37.99 2.08 0.00	42.81 2.50 0.00	49.08 2.78 0.00	46.63 2.43 0.00	44.20 2.18 0.00	40.25 2.21 0.00	36.44 1.93 0.00	32.69 1.65 0.00	28.92 1.30 0.00
LIGHTHSE_115KV_TB6 355974	26.58 -0.03 0.00	25.29 -0.03 0.00	22.74 -0.09 0.00	22.80 -0.09 0.00	22.89 -0.09 0.00	23.66 -0.14 0.00	24.02 -0.10 0.00	24.08 -0.10 0.00	24.66 -0.25 0.00	24.89 -0.13 0.00	25.55 -0.34 0.00	27.08 -0.30 0.00	28.45 -0.35 0.00	30.76 -0.31 0.00	31.75 -0.26 0.00	35.65 -0.25 0.00	39.92 -0.40 -0.01	46.45 -0.32 -0.47	44.23 -0.18 -0.20	42.30 -0.17 -0.46	37.99 -0.23 -0.17	34.59 -0.07 -0.15	30.94 -0.12 -0.01	27.48 -0.14 0.00
LINDEN COGEN____ 23786	27.69 1.09 0.00	26.25 0.94 0.00	23.73 0.89 0.00	23.71 0.82 0.00	23.81 0.83 0.00	24.59 0.78 0.00	25.01 0.89 0.00	25.24 1.06 0.00	26.03 1.12 0.00	26.03 1.03 0.00	27.31 1.42 0.00	28.91 1.53 0.00	30.43 1.64 0.00	33.12 2.05 0.00	34.41 2.40 0.00	38.38 2.48 0.00	42.96 2.66 0.00	47.75 2.82 1.38	46.76 2.56 0.00	44.23 2.23 0.00	40.51 2.47 0.00	36.74 2.24 0.00	32.94 1.89 0.00	29.13 1.52 0.00
LINDHRST_69_KV_BK1 356055	28.49 1.89 0.00	26.88 1.57 0.00	24.21 1.37 0.00	24.19 1.30 0.00	24.23 1.24 0.00	25.09 1.29 0.00	25.62 1.50 0.00	25.65 1.47 0.00	26.53 1.62 0.00	26.51 1.50 0.00	29.40 2.10 -1.42	32.27 2.25 -2.65	33.28 2.42 -2.07	34.67 2.86 -0.73	35.27 3.26 0.00	39.39 3.48 0.00	44.42 4.11 0.00	50.84 4.54 0.00	52.87 4.20 -4.47	45.41 3.40 0.00	41.28 3.23 0.00	38.43 3.21 -0.72	34.01 2.73 -0.23	32.83 2.26 -2.94
LIPA_MISC_IPP 23656	28.20 1.60 0.00	26.61 1.29 0.00	23.95 1.12 0.00	23.94 1.05 0.00	23.98 0.99 0.00	24.85 1.05 0.00	25.50 1.37 0.00	25.39 1.21 0.00	26.21 1.30 0.00	26.16 1.15 0.00	29.01 1.71 -1.42	31.75 1.72 -2.65	32.76 1.90 -2.07	34.17 2.36 -0.73	34.82 2.82 0.00	39.03 3.12 0.00	44.14 3.83 0.00	50.61 4.31 0.00	52.56 3.89 -4.47	45.08 3.07 0.00	40.86 2.82 0.00	38.02 2.79 -0.72	33.55 2.27 -0.23	32.38 1.82 -2.94
LISF__SOLAR 323691	28.25 1.65 0.00	26.66 1.34 0.00	24.02 1.19 0.00	23.96 1.08 0.00	24.00 1.01 0.00	24.88 1.07 0.00	25.54 1.42 0.00	25.41 1.23 0.00	26.23 1.32 0.00	26.19 1.18 0.00	29.05 1.73 -1.43	31.79 1.75 -2.65	32.80 1.93 -2.08	34.24 2.43 -0.74	34.85 2.85 0.00	39.03 3.12 0.00	44.06 3.75 0.00	50.65 4.35 0.00	52.74 4.06 -4.48	45.20 3.19 0.00	40.82 2.78 0.00	38.09 2.86 -0.73	33.59 2.30 -0.24	32.45 1.88 -2.95



LITTLE FALLS___HYD 24013	27.19 0.59 0.00	25.85 0.53 0.00	23.29 0.46 0.00	23.35 0.46 0.00	23.45 0.46 0.00	24.28 0.48 0.00	24.60 0.48 0.00	24.69 0.51 0.00	25.33 0.42 0.00	25.41 0.40 0.00	26.30 0.41 0.00	27.79 0.41 0.00	29.20 0.40 0.00	31.60 0.53 0.00	32.52 0.51 0.00	36.51 0.61 0.00	40.99 0.69 0.00	47.18 0.88 0.00	45.08 0.88 0.00	42.85 0.84 0.00	38.81 0.76 0.00	35.30 0.79 0.00	31.70 0.65 0.00	28.20 0.58 0.00
LITTLRIV_115KV_TB1 356100	26.44 -0.16 0.00	25.29 -0.03 0.00	22.79 -0.05 0.00	22.82 -0.07 0.00	22.94 -0.05 0.00	23.80 0.00 0.00	24.10 -0.02 0.00	24.23 0.05 0.00	25.01 0.10 0.00	25.11 0.10 0.00	25.94 0.05 0.00	27.32 -0.05 0.00	28.71 -0.09 0.00	30.80 -0.28 0.00	31.52 -0.48 0.00	35.44 -0.47 0.00	39.86 -0.44 0.00	45.79 -0.51 0.00	43.80 -0.40 0.00	41.76 -0.25 0.00	37.78 -0.27 0.00	34.26 -0.24 0.00	30.80 -0.25 0.00	27.48 -0.14 0.00
LI_NEWBRDGE___DRP 323616	28.01 1.41 0.00	26.48 1.16 0.00	23.86 1.03 0.00	23.85 0.96 0.00	23.91 0.92 0.00	24.76 0.95 0.00	25.23 1.11 0.00	25.31 1.14 0.00	26.16 1.25 0.00	26.14 1.13 0.00	28.96 1.66 -1.42	31.78 1.75 -2.65	32.73 1.87 -2.07	34.04 2.24 -0.73	34.60 2.59 0.00	38.60 2.69 0.00	43.49 3.18 0.00	49.73 3.43 0.00	51.81 3.14 -4.47	44.53 2.52 0.00	40.60 2.55 0.00	37.74 2.52 -0.72	33.45 2.17 -0.23	32.36 1.80 -2.94
LOCKPORT_115KV_TB60_63_64 80432	25.54 -1.06 0.00	24.15 -1.16 0.00	21.65 -1.19 0.00	21.61 -1.28 0.00	21.70 -1.29 0.00	22.50 -1.31 0.00	23.01 -1.11 0.00	22.92 -1.26 0.00	23.37 -1.54 0.00	24.24 -0.78 0.00	24.80 -1.09 0.00	26.64 -0.74 0.00	27.79 -1.01 0.00	30.17 -0.90 0.00	30.98 -1.02 0.00	35.18 -0.72 0.00	38.66 -1.61 0.03	42.58 -2.50 1.22	41.55 -2.12 0.53	38.55 -2.27 1.19	35.09 -2.51 0.44	31.83 -2.28 0.39	29.06 -1.96 0.03	26.32 -1.30 0.00
LOCKPORT___CC1 323769	25.54 -1.06 0.00	24.15 -1.16 0.00	21.65 -1.19 0.00	21.61 -1.28 0.00	21.70 -1.29 0.00	22.61 -1.19 0.00	23.01 -1.11 0.00	22.92 -1.26 0.00	23.37 -1.54 0.00	24.24 -0.78 0.00	24.80 -1.09 0.00	26.64 -0.74 0.00	27.84 -0.95 0.00	30.17 -0.90 0.00	31.01 -0.99 0.00	35.26 -0.65 0.00	38.70 -1.57 0.03	42.59 -2.50 1.21	41.64 -2.03 0.53	38.51 -2.31 1.19	34.87 -2.74 0.44	31.83 -2.28 0.39	29.09 -1.93 0.03	26.35 -1.27 0.00
LOCKPORT___CC2 323770	25.54 -1.06 0.00	24.15 -1.16 0.00	21.65 -1.19 0.00	21.61 -1.28 0.00	21.70 -1.29 0.00	22.61 -1.19 0.00	23.01 -1.11 0.00	22.92 -1.26 0.00	23.37 -1.54 0.00	24.24 -0.78 0.00	24.80 -1.09 0.00	26.64 -0.74 0.00	27.84 -0.95 0.00	30.17 -0.90 0.00	31.01 -0.99 0.00	35.26 -0.65 0.00	38.70 -1.57 0.03	42.59 -2.50 1.21	41.64 -2.03 0.53	38.51 -2.31 1.19	34.87 -2.74 0.44	31.83 -2.28 0.39	29.09 -1.93 0.03	26.35 -1.27 0.00
LOCKPORT___CC3 323771	25.54 -1.06 0.00	24.15 -1.16 0.00	21.65 -1.19 0.00	21.61 -1.28 0.00	21.70 -1.29 0.00	22.61 -1.19 0.00	23.01 -1.11 0.00	22.92 -1.26 0.00	23.37 -1.54 0.00	24.24 -0.78 0.00	24.80 -1.09 0.00	26.64 -0.74 0.00	27.84 -0.95 0.00	30.17 -0.90 0.00	31.01 -0.99 0.00	35.26 -0.65 0.00	38.70 -1.57 0.03	42.59 -2.50 1.21	41.64 -2.03 0.53	38.51 -2.31 1.19	34.87 -2.74 0.44	31.83 -2.28 0.39	29.09 -1.93 0.03	26.35 -1.27 0.00
LONG_LAKE_PHOENIX 24014	26.42 -0.19 0.00	25.14 -0.18 0.00	22.63 -0.21 0.00	22.68 -0.21 0.00	22.78 -0.21 0.00	23.57 -0.24 0.00	23.90 -0.22 0.00	23.94 -0.24 0.00	24.54 -0.37 0.00	24.79 -0.23 0.00	25.47 -0.41 0.00	27.00 -0.38 0.00	28.36 -0.43 0.00	30.70 -0.37 0.00	31.68 -0.32 0.00	35.62 -0.29 0.00	39.93 -0.40 -0.03	46.89 -0.37 -0.95	44.35 -0.27 -0.42	42.61 -0.34 -0.93	38.05 -0.34 -0.35	34.50 -0.31 -0.31	30.76 -0.31 -0.03	27.31 -0.30 0.00
LOVETT___3 23632	27.48 0.88 0.00	26.05 0.73 0.00	23.52 0.69 0.00	23.53 0.64 0.00	23.61 0.62 0.00	24.45 0.64 0.00	24.82 0.70 0.00	24.95 0.77 0.00	25.71 0.80 0.00	25.71 0.70 0.00	26.98 1.09 0.00	28.53 1.15 0.00	30.03 1.24 0.00	32.60 1.52 0.00	33.86 1.86 0.00	37.81 1.90 0.00	42.56 2.26 0.00	48.80 2.50 0.00	46.41 2.21 0.00	43.94 1.93 0.00	40.03 1.98 0.00	36.27 1.76 0.00	32.54 1.49 0.00	28.80 1.19 0.00
LOVETT___4 23642	27.48 0.88 0.00	26.05 0.73 0.00	23.52 0.69 0.00	23.53 0.64 0.00	23.61 0.62 0.00	24.45 0.64 0.00	24.82 0.70 0.00	24.95 0.77 0.00	25.71 0.80 0.00	25.71 0.70 0.00	26.98 1.09 0.00	28.53 1.15 0.00	30.03 1.24 0.00	32.60 1.52 0.00	33.86 1.86 0.00	37.81 1.90 0.00	42.56 2.26 0.00	48.80 2.50 0.00	46.41 2.21 0.00	43.94 1.93 0.00	40.03 1.98 0.00	36.27 1.76 0.00	32.54 1.49 0.00	28.80 1.19 0.00
LOVETT___5 23593	27.48 0.88 0.00	26.05 0.73 0.00	23.52 0.69 0.00	23.53 0.64 0.00	23.61 0.62 0.00	24.45 0.64 0.00	24.82 0.70 0.00	24.95 0.77 0.00	25.71 0.80 0.00	25.71 0.70 0.00	26.98 1.09 0.00	28.53 1.15 0.00	30.03 1.24 0.00	32.60 1.52 0.00	33.86 1.86 0.00	37.81 1.90 0.00	42.56 2.26 0.00	48.80 2.50 0.00	46.41 2.21 0.00	43.94 1.93 0.00	40.03 1.98 0.00	36.27 1.76 0.00	32.54 1.49 0.00	28.80 1.19 0.00
LOWER RAQUET___HYD 24057	26.18 -0.43 0.00	25.04 -0.28 0.00	22.59 -0.25 0.00	22.61 -0.27 0.00	22.73 -0.25 0.00	23.54 -0.26 0.00	23.88 -0.24 0.00	23.98 -0.19 0.00	24.79 -0.12 0.00	24.89 -0.12 0.00	25.71 -0.18 0.00	27.13 -0.25 0.00	28.48 -0.32 0.00	30.55 -0.53 0.00	31.30 -0.70 0.00	35.15 -0.76 0.00	39.58 -0.72 0.00	45.42 -0.88 0.00	43.36 -0.84 0.00	41.34 -0.67 0.00	37.40 -0.65 0.00	33.92 -0.59 0.00	30.55 -0.50 0.00	27.17 -0.44 0.00
LOWER___HUDSON 24059	27.56 0.96 0.00	26.18 0.86 0.00	23.66 0.82 0.00	23.69 0.80 0.00	23.77 0.78 0.00	24.64 0.83 0.00	24.99 0.87 0.00	25.05 0.87 0.00	25.73 0.82 0.00	25.61 0.60 0.00	26.64 0.75 0.00	28.09 0.71 0.00	29.57 0.78 0.00	31.98 0.90 0.00	33.12 1.12 0.00	37.12 1.22 0.00	41.84 1.53 0.00	48.20 1.90 0.00	46.01 1.81 0.00	43.86 1.85 0.00	39.68 1.63 0.00	36.02 1.52 0.00	32.26 1.21 0.00	28.69 1.08 0.00
LOWVILLE_115KV_TB2 356335	27.11 0.51 0.00	25.80 0.48 0.00	23.18 0.34 0.00	23.23 0.34 0.00	23.31 0.32 0.00	24.19 0.38 0.00	24.53 0.41 0.00	24.69 0.51 0.00	25.26 0.35 0.00	25.39 0.38 0.00	26.12 0.23 0.00	27.57 0.19 0.00	28.91 0.12 0.00	31.26 0.19 0.00	32.23 0.22 0.00	36.26 0.36 0.00	40.79 0.48 0.00	47.00 0.69 0.00	45.04 0.84 0.00	42.89 0.88 0.00	38.77 0.72 0.00	35.30 0.79 0.00	31.58 0.53 0.00	28.06 0.44 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	27.91 1.30 0.00	26.51 1.19 0.00	23.91 1.07 0.00	23.92 1.03 0.00	24.00 1.01 0.00	24.92 1.12 0.00	25.23 1.11 0.00	25.24 1.06 0.00	26.01 1.10 0.00	25.91 0.90 0.00	26.90 1.01 0.00	28.36 0.99 0.00	29.89 1.09 0.00	32.26 1.18 0.00	33.41 1.41 0.00	37.48 1.58 0.00	42.32 2.02 0.00	48.94 2.64 0.00	46.85 2.65 0.00	44.57 2.56 0.00	40.25 2.21 0.00	36.58 2.07 0.00	32.76 1.71 0.00	29.14 1.52 0.00



LUTHERNY_35_KV_BK2 355980	27.93 1.33 0.00	26.53 1.22 0.00	23.91 1.07 0.00	23.94 1.05 0.00	24.00 1.01 0.00	24.92 1.12 0.00	25.25 1.13 0.00	25.27 1.09 0.00	26.01 1.10 0.00	25.91 0.90 0.00	26.90 1.01 0.00	28.39 1.01 0.00	29.92 1.12 0.00	32.29 1.21 0.00	33.45 1.44 0.00	37.52 1.62 0.00	42.36 2.06 0.00	48.99 2.69 0.00	46.90 2.70 0.00	44.62 2.60 0.00	40.25 2.21 0.00	36.61 2.10 0.00	32.79 1.74 0.00	29.16 1.55 0.00
LWR___OSWEGATCHIE_HYD 23850	26.52 -0.08 0.00	25.29 -0.03 0.00	22.77 -0.07 0.00	22.82 -0.07 0.00	22.92 -0.07 0.00	23.76 -0.05 0.00	24.10 -0.02 0.00	24.23 0.05 0.00	24.91 0.00 0.00	25.01 0.00 0.00	25.78 -0.10 0.00	27.19 -0.19 0.00	28.53 -0.26 0.00	30.73 -0.34 0.00	31.59 -0.42 0.00	35.51 -0.39 0.00	39.98 -0.32 0.00	45.98 -0.32 0.00	44.02 -0.18 0.00	41.93 -0.08 0.00	37.93 -0.11 0.00	34.47 -0.03 0.00	30.89 -0.16 0.00	27.51 -0.11 0.00
LYONS_FALL_HYD 23570	27.19 0.58 0.00	25.85 0.53 0.00	23.27 0.43 0.00	23.30 0.41 0.00	23.40 0.41 0.00	24.26 0.45 0.00	24.60 0.48 0.00	24.76 0.58 0.00	25.36 0.45 0.00	25.49 0.47 0.00	26.25 0.36 0.00	27.71 0.33 0.00	29.05 0.26 0.00	31.48 0.40 0.00	32.49 0.48 0.00	36.51 0.61 0.00	41.03 0.73 0.00	47.23 0.93 0.00	45.26 1.06 0.00	43.06 1.05 0.00	38.92 0.88 0.00	35.40 0.90 0.00	31.76 0.71 0.00	28.17 0.55 0.00
MADISON___COUNTY_LFGE 323628	27.45 0.85 0.00	26.07 0.76 0.00	23.45 0.62 0.00	23.51 0.62 0.00	23.58 0.60 0.00	24.45 0.64 0.00	24.80 0.68 0.00	24.95 0.77 0.00	25.53 0.62 0.00	25.74 0.73 0.00	26.51 0.62 0.00	28.01 0.63 0.00	29.37 0.58 0.00	31.85 0.78 0.00	32.93 0.93 0.00	36.98 1.08 0.00	41.47 1.17 0.01	47.41 1.39 0.28	45.54 1.46 0.12	43.12 1.39 0.27	39.12 1.18 0.10	35.55 1.14 0.09	31.94 0.90 0.01	28.42 0.80 0.00
MALONE___115KV_TB1 356076	26.95 0.35 0.00	25.82 0.51 0.00	23.27 0.43 0.00	23.30 0.41 0.00	23.47 0.48 0.00	24.38 0.57 0.00	24.67 0.55 0.00	24.83 0.65 0.00	25.63 0.72 0.00	25.76 0.75 0.00	26.64 0.75 0.00	28.09 0.71 0.00	29.60 0.81 0.00	31.73 0.65 0.00	32.52 0.51 0.00	36.55 0.65 0.00	41.19 0.89 0.00	47.14 0.83 0.00	44.95 0.75 0.00	42.81 0.80 0.00	38.66 0.61 0.00	34.85 0.35 0.00	31.36 0.31 0.00	27.98 0.36 0.00
MAPLEWOD_115KV_TB3 80458	27.29 0.69 0.00	25.95 0.63 0.00	23.54 0.71 0.00	23.57 0.69 0.00	23.65 0.67 0.00	24.52 0.71 0.00	24.84 0.72 0.00	24.90 0.73 0.00	25.61 0.70 0.00	25.44 0.43 0.00	26.48 0.60 0.00	27.87 0.49 0.00	29.34 0.55 0.00	31.76 0.68 0.00	32.90 0.90 0.00	36.87 0.97 0.00	41.52 1.21 0.00	47.83 1.53 0.00	45.66 1.46 0.00	43.48 1.47 0.00	39.34 1.29 0.00	35.71 1.21 0.00	32.01 0.96 0.00	28.45 0.83 0.00
MAPLE_RIDGE_WT_1 323574	26.31 -0.29 0.00	25.11 -0.20 0.00	22.65 -0.18 0.00	22.70 -0.18 0.00	22.80 -0.18 0.00	23.61 -0.19 0.00	23.93 -0.19 0.00	24.01 -0.17 0.00	24.81 -0.10 0.00	24.91 -0.10 0.00	25.78 -0.10 0.00	27.24 -0.14 0.00	28.65 -0.14 0.00	30.83 -0.25 0.00	31.62 -0.38 0.00	35.51 -0.39 0.00	39.86 -0.44 0.00	45.75 -0.55 0.00	43.67 -0.53 0.00	41.55 -0.46 0.00	37.59 -0.45 0.00	34.02 -0.48 0.00	30.64 -0.40 0.00	27.26 -0.36 0.00
MAPLE_RIDGE_WT_2 323611	26.31 -0.29 0.00	25.11 -0.20 0.00	22.65 -0.18 0.00	22.70 -0.18 0.00	22.80 -0.18 0.00	23.61 -0.19 0.00	23.93 -0.19 0.00	24.01 -0.17 0.00	24.81 -0.10 0.00	24.91 -0.10 0.00	25.78 -0.10 0.00	27.24 -0.14 0.00	28.65 -0.14 0.00	30.83 -0.25 0.00	31.62 -0.38 0.00	35.51 -0.39 0.00	39.86 -0.44 0.00	45.75 -0.55 0.00	43.67 -0.53 0.00	41.55 -0.46 0.00	37.59 -0.45 0.00	34.02 -0.48 0.00	30.64 -0.40 0.00	27.26 -0.36 0.00
MARBLE_RIVER_WT_PWR 323696	27.08 0.48 0.00	25.95 0.63 0.00	23.38 0.55 0.00	23.44 0.55 0.00	23.58 0.60 0.00	24.42 0.62 0.00	24.77 0.65 0.00	24.90 0.72 0.00	25.71 0.80 0.00	25.84 0.82 0.00	26.72 0.83 0.00	28.17 0.79 0.00	29.69 0.89 0.00	31.85 0.78 0.00	32.64 0.64 0.00	36.69 0.79 0.00	41.32 1.01 0.00	47.32 1.02 0.00	45.08 0.88 0.00	42.85 0.84 0.00	38.65 0.61 0.00	34.89 0.38 0.00	31.39 0.34 0.00	27.98 0.36 0.00
MARSHVLE_115KV_TB1 80742	28.68 2.08 0.00	27.21 1.90 0.00	24.43 1.60 0.00	24.47 1.58 0.00	24.53 1.54 0.00	25.54 1.74 0.00	25.83 1.71 0.00	25.65 1.47 0.00	26.13 1.22 0.00	25.91 0.90 0.00	26.85 0.96 0.00	28.34 0.96 0.00	29.83 1.04 0.00	32.32 1.24 0.00	33.54 1.54 0.00	37.95 2.05 0.00	42.93 2.62 0.00	50.56 4.26 0.00	48.66 4.46 0.00	46.13 4.12 0.00	41.55 3.50 0.00	37.85 3.35 0.00	33.81 2.76 0.00	29.99 2.38 0.00
MARSH_HILL_WT_PWR 323713	28.09 1.49 0.00	26.51 1.19 0.00	23.68 0.85 0.00	23.69 0.80 0.00	23.84 0.85 0.00	24.76 0.95 0.00	25.18 1.06 0.00	25.80 1.62 0.00	26.18 1.27 0.00	26.89 1.88 0.00	27.63 1.73 0.00	29.43 2.05 0.00	30.78 1.99 0.00	33.47 2.39 0.00	34.60 2.59 0.00	39.21 3.30 0.00	43.19 2.90 0.02	48.13 2.59 0.76	46.83 2.96 0.33	43.32 2.06 0.75	39.14 1.37 0.28	35.50 1.24 0.25	32.67 1.64 0.02	29.14 1.52 0.00
MCINTYRE_115KV_TB2 80467	26.60 0.00 0.00	25.47 0.15 0.00	22.95 0.11 0.00	22.98 0.09 0.00	23.10 0.11 0.00	23.97 0.17 0.00	24.24 0.12 0.00	24.40 0.22 0.00	25.16 0.25 0.00	25.26 0.25 0.00	26.07 0.18 0.00	27.46 0.08 0.00	28.85 0.06 0.00	30.95 -0.12 0.00	31.68 -0.32 0.00	35.58 -0.32 0.00	40.07 -0.24 0.00	46.07 -0.23 0.00	44.07 -0.13 0.00	42.01 0.00 0.00	38.01 -0.04 0.00	34.47 -0.03 0.00	30.99 -0.06 0.00	27.64 0.03 0.00
MECO_____69_KV_BK1 80468	28.97 2.37 0.00	27.52 2.20 0.00	24.73 1.90 0.00	24.74 1.85 0.00	24.80 1.82 0.00	25.85 2.05 0.00	26.15 2.03 0.00	26.01 1.84 0.00	26.65 1.74 0.00	26.44 1.43 0.00	27.36 1.48 0.00	28.91 1.53 0.00	30.46 1.67 0.00	33.00 1.93 0.00	34.25 2.24 0.00	38.70 2.80 0.00	43.77 3.47 0.00	51.26 4.95 0.00	49.28 5.08 0.00	46.67 4.66 0.00	42.04 3.99 0.00	38.27 3.76 0.00	34.18 3.14 0.00	30.32 2.71 0.00
MENANDS___115KV_TB5 355628	27.14 0.53 0.00	25.80 0.48 0.00	23.45 0.62 0.00	23.48 0.60 0.00	23.56 0.57 0.00	24.42 0.62 0.00	24.72 0.60 0.00	24.81 0.63 0.00	25.51 0.60 0.00	25.31 0.30 0.00	26.35 0.47 0.00	27.73 0.36 0.00	29.20 0.40 0.00	31.60 0.53 0.00	32.74 0.74 0.00	36.69 0.79 0.00	41.27 0.97 0.00	47.55 1.25 0.00	45.35 1.15 0.00	43.19 1.18 0.00	39.07 1.03 0.00	35.47 0.97 0.00	31.79 0.75 0.00	28.28 0.66 0.00
MG INDUSTRY___DRP 24185	27.24 0.64 0.00	25.90 0.58 0.00	23.50 0.66 0.00	23.55 0.66 0.00	23.63 0.64 0.00	24.49 0.69 0.00	24.77 0.65 0.00	24.83 0.65 0.00	25.48 0.57 0.00	25.29 0.28 0.00	26.22 0.34 0.00	27.63 0.25 0.00	29.05 0.26 0.00	31.45 0.37 0.00	32.58 0.58 0.00	36.55 0.65 0.00	41.19 0.89 0.00	47.55 1.25 0.00	45.44 1.24 0.00	43.27 1.26 0.00	39.15 1.10 0.00	35.54 1.04 0.00	31.89 0.84 0.00	28.36 0.75 0.00



MID___OSWEGATCHIE_HYD 23849	26.52 -0.08 0.00	25.29 -0.03 0.00	22.77 -0.07 0.00	22.82 -0.07 0.00	22.92 -0.07 0.00	23.76 -0.05 0.00	24.10 -0.02 0.00	24.23 0.05 0.00	24.91 0.00 0.00	25.01 0.00 0.00	25.78 -0.10 0.00	27.19 -0.19 0.00	28.53 -0.26 0.00	30.73 -0.34 0.00	31.59 -0.42 0.00	35.51 -0.39 0.00	39.98 -0.32 0.00	45.98 -0.32 0.00	44.02 -0.18 0.00	41.93 -0.08 0.00	37.93 -0.11 0.00	34.47 -0.03 0.00	30.89 -0.16 0.00	27.51 -0.11 0.00
MID___RAQUETTE_HYD 23851	26.18 -0.43 0.00	25.04 -0.28 0.00	22.58 -0.25 0.00	22.61 -0.27 0.00	22.73 -0.25 0.00	23.59 -0.21 0.00	23.88 -0.24 0.00	23.98 -0.19 0.00	24.79 -0.12 0.00	24.89 -0.13 0.00	25.71 -0.18 0.00	27.13 -0.25 0.00	28.48 -0.32 0.00	30.55 -0.53 0.00	31.30 -0.70 0.00	35.15 -0.75 0.00	39.58 -0.73 0.00	45.42 -0.88 0.00	43.36 -0.84 0.00	41.34 -0.67 0.00	37.40 -0.65 0.00	33.92 -0.59 0.00	30.52 -0.53 0.00	27.23 -0.39 0.00
MILLIKEN___1 23584	27.35 0.74 0.00	25.95 0.63 0.00	23.29 0.46 0.00	23.35 0.46 0.00	23.45 0.46 0.00	24.28 0.48 0.00	24.65 0.53 0.00	24.83 0.65 0.00	25.36 0.45 0.00	25.66 0.65 0.00	26.38 0.49 0.00	27.93 0.55 0.00	29.31 0.52 0.00	31.79 0.71 0.00	32.90 0.90 0.00	37.05 1.15 0.00	41.47 1.17 0.01	47.42 1.48 0.37	45.63 1.59 0.16	43.08 1.43 0.36	39.09 1.18 0.13	35.42 1.04 0.12	31.94 0.90 0.01	28.39 0.77 0.00
MILLIKEN___2 23585	27.35 0.74 0.00	25.95 0.63 0.00	23.29 0.46 0.00	23.35 0.46 0.00	23.45 0.46 0.00	24.28 0.48 0.00	24.65 0.53 0.00	24.83 0.65 0.00	25.36 0.45 0.00	25.66 0.65 0.00	26.38 0.49 0.00	27.93 0.55 0.00	29.31 0.52 0.00	31.79 0.71 0.00	32.90 0.90 0.00	37.05 1.15 0.00	41.47 1.17 0.01	47.42 1.48 0.37	45.63 1.59 0.16	43.08 1.43 0.36	39.09 1.18 0.13	35.42 1.04 0.12	31.94 0.90 0.01	28.39 0.77 0.00
MILLIKEN___DIESEL 23629	27.35 0.74 0.00	25.95 0.63 0.00	23.29 0.46 0.00	23.35 0.46 0.00	23.45 0.46 0.00	24.28 0.48 0.00	24.65 0.53 0.00	24.83 0.65 0.00	25.36 0.45 0.00	25.66 0.65 0.00	26.38 0.49 0.00	27.93 0.55 0.00	29.31 0.52 0.00	31.79 0.71 0.00	32.90 0.90 0.00	37.05 1.15 0.00	41.47 1.17 0.01	47.42 1.48 0.37	45.63 1.59 0.16	43.08 1.43 0.36	39.09 1.18 0.13	35.42 1.04 0.12	31.94 0.90 0.01	28.39 0.77 0.00
MILLSEAT___LFGE 323607	25.94 -0.66 0.00	24.58 -0.73 0.00	21.99 -0.84 0.00	21.95 -0.94 0.00	22.02 -0.96 0.00	22.95 -0.86 0.00	23.35 -0.77 0.00	23.28 -0.89 0.00	23.74 -1.17 0.00	24.59 -0.43 0.00	25.16 -0.72 0.00	27.02 -0.36 0.00	28.28 -0.52 0.00	30.67 -0.40 0.00	31.49 -0.51 0.00	35.83 -0.07 0.00	39.51 -0.77 0.03	43.68 -1.39 1.24	42.69 -0.97 0.54	39.50 -1.30 1.21	35.81 -1.79 0.45	32.62 -1.48 0.40	29.71 -1.30 0.03	26.82 -0.80 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	27.61 1.01 0.00	26.18 0.86 0.00	23.64 0.80 0.00	23.64 0.76 0.00	23.72 0.74 0.00	24.57 0.76 0.00	24.94 0.82 0.00	25.10 0.92 0.00	25.86 0.95 0.00	25.84 0.83 0.00	27.10 1.22 0.00	28.67 1.29 0.00	30.18 1.38 0.00	32.78 1.71 0.00	34.05 2.05 0.00	38.02 2.12 0.00	42.81 2.50 0.00	49.03 2.73 0.00	46.63 2.43 0.00	44.15 2.14 0.00	40.25 2.21 0.00	36.47 1.97 0.00	32.72 1.68 0.00	28.94 1.33 0.00
MILLWOOD_13_KV_LOAD 356217	27.69 1.09 0.00	26.25 0.94 0.00	23.68 0.84 0.00	23.69 0.80 0.00	23.77 0.78 0.00	24.61 0.81 0.00	24.99 0.87 0.00	25.12 0.94 0.00	25.91 1.00 0.00	25.89 0.88 0.00	27.18 1.29 0.00	28.75 1.37 0.00	30.26 1.47 0.00	32.88 1.80 0.00	34.15 2.14 0.00	38.17 2.26 0.00	42.97 2.66 0.00	49.17 2.87 0.00	46.76 2.56 0.00	44.32 2.31 0.00	40.37 2.32 0.00	36.58 2.07 0.00	32.82 1.77 0.00	29.03 1.41 0.00
MODEL_CITY_ENERGY 24167	25.25 -1.36 0.00	23.87 -1.44 0.00	21.40 -1.44 0.00	21.38 -1.51 0.00	21.47 -1.52 0.00	22.35 -1.45 0.00	22.75 -1.37 0.00	22.63 -1.55 0.00	23.07 -1.84 0.00	23.91 -1.10 0.00	24.46 -1.42 0.00	26.28 -1.10 0.00	27.47 -1.32 0.00	29.77 -1.30 0.00	30.56 -1.44 0.00	34.75 -1.15 0.00	38.18 -2.10 0.03	42.03 -3.06 1.21	41.07 -2.61 0.53	38.05 -2.77 1.19	34.45 -3.16 0.44	31.46 -2.66 0.39	28.72 -2.30 0.03	26.01 -1.60 0.00
MODERN_LFGE___ 323580	25.25 -1.36 0.00	23.87 -1.44 0.00	21.40 -1.44 0.00	21.38 -1.51 0.00	21.47 -1.52 0.00	22.35 -1.45 0.00	22.75 -1.37 0.00	22.63 -1.55 0.00	23.07 -1.84 0.00	23.91 -1.10 0.00	24.46 -1.42 0.00	26.28 -1.10 0.00	27.47 -1.32 0.00	29.77 -1.30 0.00	30.56 -1.44 0.00	34.75 -1.15 0.00	38.18 -2.10 0.03	42.03 -3.06 1.21	41.07 -2.61 0.53	38.05 -2.77 1.19	34.45 -3.16 0.44	31.46 -2.66 0.39	28.72 -2.30 0.03	26.01 -1.60 0.00
MOHAWK_PAPER___DRP 24187	27.29 0.69 0.00	25.95 0.63 0.00	23.54 0.71 0.00	23.57 0.69 0.00	23.65 0.67 0.00	24.52 0.71 0.00	24.84 0.72 0.00	24.90 0.73 0.00	25.61 0.70 0.00	25.44 0.43 0.00	26.48 0.60 0.00	27.87 0.49 0.00	29.34 0.55 0.00	31.76 0.68 0.00	32.90 0.90 0.00	36.87 0.97 0.00	41.52 1.21 0.00	47.83 1.53 0.00	45.66 1.46 0.00	43.48 1.47 0.00	39.34 1.29 0.00	35.71 1.21 0.00	32.01 0.96 0.00	28.45 0.83 0.00
MOHICAN___35_KV_115KV_LD 80490	28.04 1.44 0.00	26.63 1.32 0.00	23.98 1.14 0.00	23.99 1.10 0.00	24.04 1.06 0.00	25.02 1.21 0.00	25.33 1.21 0.00	25.34 1.16 0.00	26.13 1.22 0.00	26.04 1.03 0.00	26.90 1.01 0.00	28.36 0.99 0.00	29.92 1.12 0.00	32.13 1.06 0.00	33.32 1.31 0.00	37.41 1.51 0.00	42.44 2.14 0.00	49.31 3.01 0.00	47.38 3.18 0.00	44.99 2.98 0.00	40.56 2.51 0.00	36.89 2.38 0.00	32.97 1.92 0.00	29.33 1.71 0.00
MONGAUP___HYD 23641	27.53 0.93 0.00	26.13 0.81 0.00	23.57 0.73 0.00	23.57 0.69 0.00	23.65 0.67 0.00	24.50 0.69 0.00	24.84 0.72 0.00	24.90 0.72 0.00	25.66 0.75 0.00	25.64 0.63 0.00	26.77 0.88 0.00	28.31 0.93 0.00	29.83 1.04 0.00	32.38 1.30 0.00	33.67 1.66 0.00	37.77 1.87 0.00	42.64 2.34 0.00	49.03 2.73 0.00	46.72 2.52 0.00	44.32 2.31 0.00	40.29 2.24 0.00	36.37 1.86 0.00	32.54 1.49 0.00	28.86 1.24 0.00
MONTAUK___DIESEL 23721	28.94 2.34 0.00	27.29 1.97 0.00	24.59 1.76 0.00	24.56 1.67 0.00	24.62 1.63 0.00	25.52 1.71 0.00	26.19 2.07 0.00	26.06 1.89 0.00	27.00 2.09 0.00	26.96 1.95 0.00	29.95 2.64 -1.42	32.82 2.79 -2.65	33.94 3.08 -2.07	35.63 3.82 -0.73	36.39 4.38 0.00	40.89 4.99 0.00	46.31 6.01 0.00	53.20 6.90 0.00	55.04 6.36 -4.47	47.05 5.04 0.00	42.42 4.38 0.00	39.36 4.14 -0.72	34.45 3.17 -0.23	33.07 2.51 -2.94
MOONROAD_115KV_HARTFLD_TB1-2 355988	26.74 0.13 0.00	25.24 -0.08 0.00	22.61 -0.23 0.00	22.59 -0.30 0.00	22.71 -0.28 0.00	23.59 -0.21 0.00	24.12 0.00 0.00	24.56 0.39 0.00	25.01 0.10 0.00	25.89 0.88 0.00	26.67 0.78 0.00	28.61 1.23 0.00	29.80 1.01 0.00	32.48 1.40 0.00	33.32 1.31 0.00	37.81 1.90 0.00	41.21 0.93 0.03	45.09 -0.14 1.07	43.65 -0.09 0.47	40.42 -0.55 1.05	36.63 -1.03 0.39	33.23 -0.93 0.35	30.68 -0.34 0.03	27.45 -0.17 0.00



MORRIS_RIDGE___SOLAR 323848	26.18 -0.43 0.00	24.81 -0.51 0.00	22.24 -0.59 0.00	22.22 -0.66 0.00	22.34 -0.64 0.00	23.16 -0.64 0.00	23.64 -0.48 0.00	23.81 -0.36 0.00	24.29 -0.62 0.00	24.99 -0.03 0.00	25.66 -0.23 0.00	27.43 0.05 0.00	28.65 -0.14 0.00	31.08 0.00 0.00	32.04 0.03 0.00	36.23 0.32 0.00	39.88 -0.40 0.03	44.26 -1.11 0.93	42.91 -0.88 0.40	40.01 -1.09 0.91	36.34 -1.37 0.34	32.96 -1.24 0.30	30.15 -0.87 0.03	27.12 -0.50 0.00
MORTIMER_115KV_TB3 55949	26.10 -0.51 0.00	24.81 -0.51 0.00	22.22 -0.62 0.00	22.20 -0.69 0.00	22.30 -0.69 0.00	23.11 -0.69 0.00	23.54 -0.58 0.00	23.43 -0.75 0.00	23.96 -0.95 0.00	24.59 -0.43 0.00	25.19 -0.70 0.00	26.91 -0.47 0.00	28.25 -0.55 0.00	30.61 -0.47 0.00	31.49 -0.51 0.00	35.58 -0.32 0.00	39.71 -0.56 0.04	44.33 -0.65 1.32	43.23 -0.40 0.57	40.13 -0.59 1.29	36.77 -0.80 0.48	33.29 -0.79 0.43	30.11 -0.90 0.04	27.01 -0.61 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	27.83 1.22 0.00	26.38 1.06 0.00	23.82 0.98 0.00	23.80 0.92 0.00	23.88 0.90 0.00	24.71 0.90 0.00	25.13 1.01 0.00	25.31 1.14 0.00	26.11 1.20 0.00	26.09 1.08 0.00	27.39 1.50 0.00	28.97 1.59 0.00	30.52 1.73 0.00	33.19 2.11 0.00	34.47 2.46 0.00	38.45 2.55 0.00	43.25 2.94 0.00	49.40 3.10 0.00	47.03 2.83 0.00	44.49 2.48 0.00	40.67 2.63 0.00	36.82 2.31 0.00	33.04 1.99 0.00	29.22 1.60 0.00
MUNSVILLE_WIND_PWR 323609	29.21 2.61 0.00	27.64 2.33 0.00	24.73 1.89 0.00	24.79 1.90 0.00	24.85 1.86 0.00	25.83 2.02 0.00	26.19 2.07 0.00	26.57 2.39 0.00	26.90 1.99 0.00	27.26 2.25 0.00	27.91 2.02 0.00	29.49 2.11 0.00	30.75 1.96 0.00	33.56 2.49 0.00	34.82 2.82 0.00	39.20 3.30 0.00	43.88 3.59 0.01	50.43 4.45 0.32	48.74 4.68 0.14	46.15 4.45 0.31	41.70 3.77 0.12	38.06 3.66 0.10	34.21 3.17 0.01	30.21 2.60 0.00
N SALMON___HYD 24042	26.95 0.34 0.00	25.82 0.51 0.00	23.27 0.43 0.00	23.30 0.41 0.00	23.47 0.48 0.00	24.33 0.52 0.00	24.68 0.56 0.00	24.83 0.65 0.00	25.63 0.72 0.00	25.76 0.75 0.00	26.64 0.75 0.00	28.09 0.71 0.00	29.57 0.78 0.00	31.73 0.65 0.00	32.52 0.51 0.00	36.55 0.65 0.00	41.19 0.89 0.00	47.14 0.83 0.00	44.95 0.75 0.00	42.81 0.80 0.00	38.65 0.61 0.00	34.85 0.35 0.00	31.36 0.31 0.00	27.92 0.30 0.00
N.AKRON__115KV_KNAPP 355671	25.94 -0.67 0.00	24.58 -0.73 0.00	21.99 -0.84 0.00	21.93 -0.96 0.00	22.02 -0.97 0.00	22.85 -0.95 0.00	23.35 -0.77 0.00	23.28 -0.89 0.00	23.74 -1.17 0.00	24.61 -0.40 0.00	25.16 -0.72 0.00	27.02 -0.36 0.00	28.22 -0.58 0.00	30.67 -0.40 0.00	31.46 -0.54 0.00	35.76 -0.14 0.00	39.43 -0.85 0.03	43.59 -1.48 1.23	42.56 -1.11 0.54	39.46 -1.34 1.21	35.92 -1.67 0.45	32.59 -1.52 0.40	29.65 -1.37 0.03	26.79 -0.83 0.00
N.BELMOR_69_KV_BK1 55787	28.28 1.68 0.00	26.71 1.39 0.00	24.07 1.23 0.00	24.03 1.14 0.00	24.09 1.10 0.00	24.95 1.14 0.00	25.42 1.30 0.00	25.51 1.33 0.00	26.38 1.47 0.00	26.36 1.35 0.00	29.25 1.94 -1.42	32.11 2.08 -2.65	33.08 2.22 -2.07	34.48 2.67 -0.73	35.01 3.01 0.00	39.10 3.20 0.00	44.02 3.71 0.00	50.38 4.07 0.00	52.43 3.76 -4.47	45.08 3.07 0.00	41.05 3.01 0.00	38.16 2.93 -0.72	33.77 2.48 -0.23	32.63 2.07 -2.94
N.E_GEN_SANDY PD 24062	27.51 0.91 0.00	26.30 0.79 -0.20	23.59 0.75 0.00	23.60 0.71 0.00	23.70 0.71 0.00	24.54 0.74 0.00	25.25 0.77 -0.36	25.86 0.85 -0.84	25.66 0.75 0.00	25.56 0.55 0.00	26.66 0.78 0.00	28.17 0.79 0.00	29.66 0.86 0.00	32.13 1.06 0.00	33.32 1.31 0.00	37.27 1.36 0.00	42.00 1.69 0.00	48.25 1.94 0.00	45.88 1.68 0.00	43.78 1.76 0.00	39.68 1.63 0.00	35.99 1.48 0.00	32.23 1.18 0.00	28.64 1.02 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	27.53 0.93 0.00	26.10 0.78 0.00	23.54 0.71 0.00	23.55 0.66 0.00	23.63 0.64 0.00	24.47 0.67 0.00	24.84 0.72 0.00	24.98 0.80 0.00	25.73 0.82 0.00	25.74 0.73 0.00	27.03 1.14 0.00	28.58 1.20 0.00	30.06 1.27 0.00	32.66 1.58 0.00	33.89 1.89 0.00	37.88 1.97 0.00	42.65 2.34 0.00	48.90 2.59 0.00	46.50 2.30 0.00	44.03 2.02 0.00	40.10 2.05 0.00	36.33 1.83 0.00	32.60 1.55 0.00	28.86 1.24 0.00
N.QUEENS_27_KV_LOAD 356247	27.93 1.33 0.00	26.56 1.24 0.00	24.05 1.21 0.00	23.99 1.10 0.00	24.07 1.08 0.00	24.85 1.05 0.00	25.18 1.06 0.00	25.39 1.21 0.00	26.13 1.22 0.00	26.11 1.10 0.00	27.44 1.55 0.00	29.08 1.70 0.00	30.66 1.87 0.00	33.41 2.33 0.00	34.73 2.72 0.00	38.60 2.69 0.00	43.21 2.90 0.00	49.31 3.01 0.00	46.90 2.70 0.00	44.32 2.31 0.00	40.75 2.70 0.00	36.89 2.38 0.00	33.25 2.20 0.00	29.38 1.77 0.00
N.TROY___115KV_TB1 355778	27.56 0.96 0.00	26.18 0.86 0.00	23.66 0.82 0.00	23.69 0.80 0.00	23.77 0.78 0.00	24.66 0.86 0.00	24.99 0.87 0.00	25.05 0.87 0.00	25.73 0.82 0.00	25.59 0.58 0.00	26.64 0.75 0.00	28.09 0.71 0.00	29.57 0.78 0.00	31.98 0.90 0.00	33.13 1.12 0.00	37.12 1.22 0.00	41.84 1.53 0.00	48.20 1.90 0.00	46.06 1.86 0.00	43.86 1.85 0.00	39.64 1.60 0.00	36.02 1.52 0.00	32.26 1.21 0.00	28.69 1.08 0.00
NARROWS_GT1_1 24228	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.04 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.30 0.00	26.28 1.37 0.00	26.29 1.27 0.00	27.60 1.71 0.00	29.22 1.83 0.00	30.76 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.71 2.80 -0.01	43.49 3.18 0.00	49.68 3.38 0.00	47.30 3.09 0.00	44.66 2.65 0.00	40.98 2.93 0.00	37.06 2.55 0.00	33.26 2.20 0.00	29.47 1.85 0.00
NARROWS_GT1_2 24229	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.04 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.30 0.00	26.28 1.37 0.00	26.29 1.27 0.00	27.60 1.71 0.00	29.22 1.83 0.00	30.76 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.71 2.80 -0.01	43.49 3.18 0.00	49.68 3.38 0.00	47.30 3.09 0.00	44.66 2.65 0.00	40.98 2.93 0.00	37.06 2.55 0.00	33.26 2.20 0.00	29.47 1.85 0.00
NARROWS_GT1_3 24230	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.04 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.30 0.00	26.28 1.37 0.00	26.29 1.27 0.00	27.60 1.71 0.00	29.22 1.83 0.00	30.76 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.71 2.80 -0.01	43.49 3.18 0.00	49.68 3.38 0.00	47.30 3.09 0.00	44.66 2.65 0.00	40.98 2.93 0.00	37.06 2.55 0.00	33.26 2.20 0.00	29.47 1.85 0.00
NARROWS_GT1_4 24231	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.04 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.30 0.00	26.28 1.37 0.00	26.29 1.27 0.00	27.60 1.71 0.00	29.22 1.83 0.00	30.76 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.71 2.80 -0.01	43.49 3.18 0.00	49.68 3.38 0.00	47.30 3.09 0.00	44.66 2.65 0.00	40.98 2.93 0.00	37.06 2.55 0.00	33.26 2.20 0.00	29.47 1.85 0.00



NARROWS_GT1_5 24232	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.04 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.30 0.00	26.28 1.37 0.00	26.29 1.27 0.00	27.60 1.71 0.00	29.22 1.83 0.00	30.76 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.71 2.80 -0.01	43.49 3.18 0.00	49.68 3.38 0.00	47.30 3.09 0.00	44.66 2.65 0.00	40.98 2.93 0.00	37.06 2.55 0.00	33.26 2.20 0.00	29.47 1.85 0.00
NARROWS_GT1_6 24233	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.04 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.30 0.00	26.28 1.37 0.00	26.29 1.27 0.00	27.60 1.71 0.00	29.22 1.83 0.00	30.76 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.71 2.80 -0.01	43.49 3.18 0.00	49.68 3.38 0.00	47.30 3.09 0.00	44.66 2.65 0.00	40.98 2.93 0.00	37.06 2.55 0.00	33.26 2.20 0.00	29.47 1.85 0.00
NARROWS_GT1_7 24234	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.04 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.30 0.00	26.28 1.37 0.00	26.29 1.27 0.00	27.60 1.71 0.00	29.22 1.83 0.00	30.76 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.71 2.80 -0.01	43.49 3.18 0.00	49.68 3.38 0.00	47.30 3.09 0.00	44.66 2.65 0.00	40.98 2.93 0.00	37.06 2.55 0.00	33.26 2.20 0.00	29.47 1.85 0.00
NARROWS_GT1_8 24235	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.04 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.30 0.00	26.28 1.37 0.00	26.29 1.27 0.00	27.60 1.71 0.00	29.22 1.83 0.00	30.76 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.71 2.80 -0.01	43.49 3.18 0.00	49.68 3.38 0.00	47.30 3.09 0.00	44.66 2.65 0.00	40.98 2.93 0.00	37.06 2.55 0.00	33.26 2.20 0.00	29.47 1.85 0.00
NARROWS_GT2_1 24236	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.04 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.30 0.00	26.28 1.37 0.00	26.29 1.27 0.00	27.60 1.71 0.00	29.22 1.83 0.00	30.76 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.71 2.80 -0.01	43.49 3.18 0.00	49.68 3.38 0.00	47.30 3.09 0.00	44.66 2.65 0.00	40.98 2.93 0.00	37.06 2.55 0.00	33.26 2.20 0.00	29.47 1.85 0.00
NARROWS_GT2_2 24237	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.04 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.30 0.00	26.28 1.37 0.00	26.29 1.27 0.00	27.60 1.71 0.00	29.22 1.83 0.00	30.76 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.71 2.80 -0.01	43.49 3.18 0.00	49.68 3.38 0.00	47.30 3.09 0.00	44.66 2.65 0.00	40.98 2.93 0.00	37.06 2.55 0.00	33.26 2.20 0.00	29.47 1.85 0.00
NARROWS_GT2_3 24238	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.04 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.30 0.00	26.28 1.37 0.00	26.29 1.27 0.00	27.60 1.71 0.00	29.22 1.83 0.00	30.76 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.71 2.80 -0.01	43.49 3.18 0.00	49.68 3.38 0.00	47.30 3.09 0.00	44.66 2.65 0.00	40.98 2.93 0.00	37.06 2.55 0.00	33.26 2.20 0.00	29.47 1.85 0.00
NARROWS_GT2_4 24239	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.04 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.30 0.00	26.28 1.37 0.00	26.29 1.27 0.00	27.60 1.71 0.00	29.22 1.83 0.00	30.76 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.71 2.80 -0.01	43.49 3.18 0.00	49.68 3.38 0.00	47.30 3.09 0.00	44.66 2.65 0.00	40.98 2.93 0.00	37.06 2.55 0.00	33.26 2.20 0.00	29.47 1.85 0.00
NARROWS_GT2_5 24240	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.04 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.30 0.00	26.28 1.37 0.00	26.29 1.27 0.00	27.60 1.71 0.00	29.22 1.83 0.00	30.76 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.71 2.80 -0.01	43.49 3.18 0.00	49.68 3.38 0.00	47.30 3.09 0.00	44.66 2.65 0.00	40.98 2.93 0.00	37.06 2.55 0.00	33.26 2.20 0.00	29.47 1.85 0.00
NARROWS_GT2_6 24241	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.04 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.30 0.00	26.28 1.37 0.00	26.29 1.27 0.00	27.60 1.71 0.00	29.22 1.83 0.00	30.76 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.71 2.80 -0.01	43.49 3.18 0.00	49.68 3.38 0.00	47.30 3.09 0.00	44.66 2.65 0.00	40.98 2.93 0.00	37.06 2.55 0.00	33.26 2.20 0.00	29.47 1.85 0.00
NARROWS_GT2_7 24242	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.04 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.30 0.00	26.28 1.37 0.00	26.29 1.27 0.00	27.60 1.71 0.00	29.22 1.83 0.00	30.76 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.71 2.80 -0.01	43.49 3.18 0.00	49.68 3.38 0.00	47.30 3.09 0.00	44.66 2.65 0.00	40.98 2.93 0.00	37.06 2.55 0.00	33.26 2.20 0.00	29.47 1.85 0.00
NARROWS_GT2_8 24243	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.04 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.30 0.00	26.28 1.37 0.00	26.29 1.27 0.00	27.60 1.71 0.00	29.22 1.83 0.00	30.76 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.71 2.80 -0.01	43.49 3.18 0.00	49.68 3.38 0.00	47.30 3.09 0.00	44.66 2.65 0.00	40.98 2.93 0.00	37.06 2.55 0.00	33.26 2.20 0.00	29.47 1.85 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	27.64 1.04 0.00	26.28 0.96 0.00	23.91 1.07 0.00	23.92 1.03 0.00	24.00 1.01 0.00	24.92 1.12 0.00	25.21 1.09 0.00	25.14 0.97 0.00	25.88 0.97 0.00	25.54 0.53 0.00	26.43 0.54 0.00	27.76 0.38 0.00	29.34 0.55 0.00	31.73 0.65 0.00	32.97 0.96 0.00	37.12 1.22 0.00	42.08 1.77 0.00	48.80 2.50 0.00	46.76 2.56 0.00	44.53 2.52 0.00	40.14 2.09 0.00	36.30 1.79 0.00	32.48 1.43 0.00	28.83 1.22 0.00
NCHELSEA_115KV_TR2 355582	27.75 1.14 0.00	26.30 0.99 0.00	23.73 0.89 0.00	23.74 0.85 0.00	23.84 0.85 0.00	24.66 0.86 0.00	25.01 0.89 0.00	25.12 0.94 0.00	25.88 0.97 0.00	25.86 0.85 0.00	27.10 1.22 0.00	28.69 1.31 0.00	30.26 1.47 0.00	32.85 1.77 0.00	34.15 2.14 0.00	38.20 2.30 0.00	43.09 2.78 0.00	49.40 3.10 0.00	47.03 2.83 0.00	44.62 2.60 0.00	40.56 2.51 0.00	36.64 2.14 0.00	32.88 1.83 0.00	29.08 1.46 0.00
NEG CAPITAL___MECHNVIL 23645	27.93 1.33 0.00	26.56 1.24 0.00	23.93 1.10 0.00	23.94 1.05 0.00	24.02 1.04 0.00	24.95 1.14 0.00	25.28 1.16 0.00	25.29 1.11 0.00	26.06 1.15 0.00	25.94 0.93 0.00	26.95 1.06 0.00	28.45 1.07 0.00	29.95 1.15 0.00	32.35 1.27 0.00	33.51 1.50 0.00	37.59 1.69 0.00	42.44 2.13 0.00	49.08 2.78 0.00	46.94 2.74 0.00	44.66 2.65 0.00	40.33 2.28 0.00	36.65 2.14 0.00	32.79 1.74 0.00	29.16 1.55 0.00



NEG CENTRAL_HIGH_ACRES 23767	25.78 -0.82 0.00	24.50 -0.81 0.00	21.97 -0.87 0.00	21.95 -0.94 0.00	22.07 -0.92 0.00	22.90 -0.90 0.00	23.25 -0.87 0.00	23.19 -0.99 0.00	23.69 -1.22 0.00	24.26 -0.75 0.00	24.88 -1.01 0.00	26.53 -0.85 0.00	27.90 -0.89 0.00	30.21 -0.87 0.00	31.11 -0.90 0.00	35.19 -0.72 0.00	39.23 -1.05 0.03	44.02 -1.11 1.17	42.81 -0.88 0.51	39.85 -1.01 1.15	36.37 -1.25 0.43	33.02 -1.11 0.38	29.87 -1.15 0.03	26.71 -0.91 0.00
NEG CENTRAL___DRP 24199	26.68 0.08 0.00	25.32 0.00 0.00	22.74 -0.09 0.00	22.77 -0.11 0.00	22.87 -0.11 0.00	23.69 -0.12 0.00	24.07 -0.05 0.00	24.18 0.00 0.00	24.71 -0.20 0.00	25.14 0.13 0.00	25.81 -0.08 0.00	27.43 0.05 0.00	28.79 0.00 0.00	31.20 0.12 0.00	32.23 0.22 0.00	36.23 0.32 0.00	40.46 0.16 0.01	46.09 0.23 0.45	44.36 0.35 0.19	41.74 0.17 0.44	37.88 0.00 0.16	34.40 0.03 0.14	31.07 0.03 0.01	27.64 0.03 0.00
NEG CENTRAL___INDECK 23768	26.98 0.37 0.00	25.62 0.30 0.00	22.88 0.05 0.00	22.84 -0.05 0.00	22.96 -0.02 0.00	23.85 0.05 0.00	24.27 0.15 0.00	24.35 0.17 0.00	24.76 -0.15 0.00	25.34 0.32 0.00	25.89 0.00 0.00	27.62 0.25 0.00	28.97 0.17 0.00	31.42 0.34 0.00	32.39 0.39 0.00	36.84 0.93 0.00	41.13 0.85 0.03	46.27 1.02 1.05	45.16 1.41 0.46	41.99 1.01 1.03	38.05 0.38 0.38	34.55 0.38 0.34	31.36 0.34 0.03	28.06 0.44 0.00
NEG CENTRAL___SENECA 23627	26.76 0.16 0.00	25.37 0.05 0.00	22.74 -0.09 0.00	22.75 -0.14 0.00	22.87 -0.11 0.00	23.71 -0.10 0.00	24.12 0.00 0.00	24.25 0.07 0.00	24.76 -0.15 0.00	25.29 0.28 0.00	25.94 0.05 0.00	27.60 0.22 0.00	28.94 0.14 0.00	31.39 0.31 0.00	32.42 0.42 0.00	36.44 0.54 0.00	40.61 0.32 0.02	45.87 0.37 0.80	44.38 0.53 0.35	41.52 0.29 0.78	37.76 0.00 0.29	34.35 0.10 0.26	31.15 0.12 0.02	27.76 0.14 0.00
NEG CENTRAL___STATE_STREET 24147	26.71 0.11 0.00	25.39 0.08 0.00	22.81 -0.02 0.00	22.87 -0.02 0.00	22.96 -0.02 0.00	23.78 -0.02 0.00	24.14 0.02 0.00	24.18 0.00 0.00	24.76 -0.15 0.00	25.11 0.10 0.00	25.81 -0.08 0.00	27.38 0.00 0.00	28.79 0.00 0.00	31.17 0.09 0.00	32.17 0.16 0.00	36.23 0.32 0.00	40.55 0.24 0.00	46.72 0.42 0.00	44.73 0.53 0.00	42.39 0.38 0.00	38.28 0.23 0.00	34.64 0.14 0.00	31.14 0.09 0.00	27.67 0.06 0.00
NEG MILLWOOD___DRP 24198	27.88 1.28 0.00	26.40 1.09 0.00	23.84 1.00 0.00	23.85 0.96 0.00	23.93 0.94 0.00	24.78 0.98 0.00	25.11 0.99 0.00	25.24 1.06 0.00	26.01 1.10 0.00	25.99 0.98 0.00	27.29 1.40 0.00	28.88 1.51 0.00	30.46 1.67 0.00	33.10 2.02 0.00	34.37 2.37 0.00	38.52 2.62 0.00	43.37 3.06 0.00	49.64 3.33 0.00	47.25 3.05 0.00	44.78 2.77 0.00	40.75 2.70 0.00	36.89 2.38 0.00	33.04 1.99 0.00	29.22 1.60 0.00
NEG NORTH_FLCN_SEA 23793	27.69 1.09 0.00	26.53 1.22 0.00	23.93 1.10 0.00	23.96 1.08 0.00	24.14 1.15 0.00	25.07 1.26 0.00	25.40 1.28 0.00	25.53 1.35 0.00	26.33 1.42 0.00	26.46 1.45 0.00	27.36 1.48 0.00	28.86 1.48 0.00	30.41 1.61 0.00	32.63 1.55 0.00	33.45 1.44 0.00	37.63 1.72 0.00	42.44 2.14 0.00	48.52 2.22 0.00	46.23 2.03 0.00	43.99 1.97 0.00	39.64 1.60 0.00	35.71 1.21 0.00	32.10 1.06 0.00	28.69 1.08 0.00
NEG NORTH_KES_CHATEGAY 23792	26.98 0.37 0.00	25.82 0.51 0.00	23.29 0.46 0.00	23.32 0.43 0.00	23.49 0.51 0.00	24.38 0.57 0.00	24.67 0.55 0.00	24.81 0.63 0.00	25.61 0.70 0.00	25.71 0.70 0.00	26.59 0.70 0.00	28.06 0.68 0.00	29.57 0.78 0.00	31.70 0.62 0.00	32.49 0.48 0.00	36.48 0.57 0.00	41.15 0.85 0.00	47.09 0.79 0.00	44.86 0.66 0.00	42.68 0.67 0.00	38.54 0.49 0.00	34.75 0.24 0.00	31.27 0.22 0.00	27.92 0.30 0.00
NEG NORTH___ALICE_FALLS 23915	27.64 1.04 0.00	26.51 1.19 0.00	23.89 1.05 0.00	23.92 1.03 0.00	24.09 1.10 0.00	25.02 1.21 0.00	25.37 1.25 0.00	25.51 1.33 0.00	26.30 1.39 0.00	26.44 1.43 0.00	27.34 1.45 0.00	28.83 1.45 0.00	30.41 1.61 0.00	32.60 1.52 0.00	33.45 1.44 0.00	37.63 1.72 0.00	42.44 2.14 0.00	48.57 2.27 0.00	46.28 2.08 0.00	44.03 2.02 0.00	39.68 1.64 0.00	35.71 1.21 0.00	32.10 1.06 0.00	28.67 1.05 0.00
NEG NORTH___LWR_SARANAC 23913	27.64 1.04 0.00	26.51 1.19 0.00	23.89 1.05 0.00	23.92 1.03 0.00	24.09 1.10 0.00	25.02 1.21 0.00	25.37 1.25 0.00	25.51 1.33 0.00	26.30 1.39 0.00	26.44 1.43 0.00	27.34 1.45 0.00	28.83 1.45 0.00	30.41 1.61 0.00	32.60 1.52 0.00	33.45 1.44 0.00	37.63 1.72 0.00	42.44 2.14 0.00	48.57 2.27 0.00	46.28 2.08 0.00	44.03 2.02 0.00	39.68 1.64 0.00	35.71 1.21 0.00	32.10 1.06 0.00	28.67 1.05 0.00
NEG NORTH___PLATTSBURG 23628	27.64 1.04 0.00	26.51 1.19 0.00	23.89 1.05 0.00	23.92 1.03 0.00	24.09 1.10 0.00	24.97 1.17 0.00	25.37 1.25 0.00	25.51 1.33 0.00	26.30 1.39 0.00	26.44 1.42 0.00	27.34 1.45 0.00	28.83 1.45 0.00	30.40 1.61 0.00	32.60 1.52 0.00	33.45 1.44 0.00	37.63 1.72 0.00	42.44 2.13 0.00	48.57 2.27 0.00	46.28 2.08 0.00	44.03 2.02 0.00	39.64 1.60 0.00	35.71 1.21 0.00	32.10 1.06 0.00	28.61 0.99 0.00
NEG WEST_LEA_LOCKPORT 23791	25.54 -1.06 0.00	24.15 -1.16 0.00	21.65 -1.19 0.00	21.61 -1.28 0.00	21.70 -1.29 0.00	22.50 -1.31 0.00	23.01 -1.11 0.00	22.92 -1.26 0.00	23.37 -1.54 0.00	24.26 -0.75 0.00	24.80 -1.09 0.00	26.64 -0.74 0.00	27.79 -1.01 0.00	30.17 -0.90 0.00	30.98 -1.02 0.00	35.18 -0.72 0.00	38.66 -1.61 0.03	42.54 -2.55 1.21	41.51 -2.17 0.53	38.51 -2.31 1.19	35.09 -2.51 0.44	31.84 -2.28 0.39	29.06 -1.96 0.03	26.32 -1.30 0.00
NEG WEST___LANCASTR 23811	26.04 -0.56 0.00	24.61 -0.71 0.00	22.06 -0.78 0.00	22.04 -0.85 0.00	22.16 -0.83 0.00	22.97 -0.83 0.00	23.47 -0.65 0.00	24.20 0.02 0.00	24.66 -0.25 0.00	25.49 0.48 0.00	26.21 0.31 -0.01	28.12 0.74 0.00	29.28 0.49 0.00	31.74 0.65 -0.01	32.59 0.58 -0.01	36.92 1.01 -0.01	39.63 -0.64 0.03	42.45 -2.78 1.08	41.17 -2.56 0.47	38.23 -2.73 1.05	34.73 -2.93 0.39	31.50 -2.66 0.35	29.71 -1.30 0.03	26.93 -0.69 0.00
NEG_PENN_ALLEGHNY 23528	26.81 0.21 0.00	25.44 0.13 0.00	22.88 0.05 0.00	22.91 0.02 0.00	23.03 0.05 0.00	23.85 0.05 0.00	24.22 0.10 0.00	24.37 0.19 0.00	24.96 0.05 0.00	25.29 0.28 0.00	26.12 0.23 0.00	27.71 0.33 0.00	29.08 0.29 0.00	31.51 0.43 0.00	32.55 0.54 0.00	36.62 0.72 0.00	40.86 0.56 0.01	46.41 0.46 0.36	44.62 0.57 0.16	41.99 0.33 0.35	38.07 0.15 0.13	34.56 0.17 0.12	31.29 0.25 0.01	27.87 0.25 0.00
NEG___GEN_MONROE 24207	26.18 -0.43 0.00	24.91 -0.41 0.00	22.33 -0.50 0.00	22.29 -0.60 0.00	22.39 -0.60 0.00	23.19 -0.62 0.00	23.59 -0.53 0.00	23.45 -0.73 0.00	23.96 -0.95 0.00	24.64 -0.38 0.00	25.22 -0.67 0.00	26.94 -0.44 0.00	28.25 -0.55 0.00	30.67 -0.40 0.00	31.52 -0.48 0.00	35.65 -0.25 0.00	39.67 -0.60 0.04	44.20 -0.79 1.32	43.14 -0.49 0.57	40.05 -0.67 1.29	36.66 -0.91 0.48	33.18 -0.90 0.43	30.08 -0.93 0.04	27.06 -0.55 0.00



NEPA__ENERGY 23901	26.12 -0.48 0.00	24.68 -0.63 0.00	22.13 -0.71 0.00	22.13 -0.76 0.00	22.23 -0.76 0.00	23.07 -0.74 0.00	23.57 -0.55 0.00	23.89 -0.29 0.00	24.34 -0.57 0.00	25.16 0.15 0.00	25.89 0.00 0.00	27.76 0.38 0.00	28.88 0.09 0.00	31.36 0.28 0.00	32.26 0.26 0.00	36.52 0.61 0.00	39.92 -0.36 0.03	43.89 -1.34 1.07	42.50 -1.24 0.47	39.45 -1.51 1.05	35.87 -1.79 0.39	32.50 -1.66 0.35	29.93 -1.09 0.03	26.98 -0.64 0.00
NEVERSINK__HYD 23608	27.75 1.14 0.00	26.30 0.99 0.00	23.70 0.87 0.00	23.71 0.82 0.00	23.81 0.83 0.00	24.64 0.83 0.00	24.99 0.87 0.00	25.10 0.92 0.00	25.83 0.92 0.00	25.89 0.87 0.00	27.03 1.14 0.00	28.61 1.23 0.00	30.15 1.35 0.00	32.75 1.68 0.00	34.08 2.08 0.00	38.13 2.23 0.00	43.05 2.74 0.00	49.45 3.15 0.00	47.16 2.96 0.00	44.70 2.69 0.00	40.60 2.55 0.00	36.72 2.21 0.00	32.85 1.80 0.00	29.11 1.49 0.00
NEWKRMKL_115KV_TB1 55635	27.00 0.40 0.00	25.67 0.35 0.00	23.38 0.55 0.00	23.41 0.53 0.00	23.52 0.53 0.00	24.38 0.57 0.00	24.67 0.55 0.00	24.76 0.58 0.00	25.46 0.55 0.00	25.21 0.20 0.00	26.25 0.36 0.00	27.63 0.25 0.00	29.08 0.29 0.00	31.48 0.40 0.00	32.58 0.58 0.00	36.51 0.61 0.00	41.11 0.81 0.00	47.37 1.06 0.00	45.17 0.97 0.00	43.02 1.01 0.00	38.92 0.88 0.00	35.33 0.83 0.00	31.67 0.62 0.00	28.14 0.52 0.00
NEWTON__FALLS_HYD 23847	26.52 -0.08 0.00	25.29 -0.03 0.00	22.77 -0.07 0.00	22.82 -0.07 0.00	22.92 -0.07 0.00	23.76 -0.05 0.00	24.10 -0.02 0.00	24.23 0.05 0.00	24.91 0.00 0.00	25.01 0.00 0.00	25.78 -0.10 0.00	27.19 -0.19 0.00	28.53 -0.26 0.00	30.73 -0.34 0.00	31.59 -0.42 0.00	35.51 -0.39 0.00	39.98 -0.32 0.00	45.98 -0.32 0.00	44.02 -0.18 0.00	41.93 -0.08 0.00	37.93 -0.11 0.00	34.47 -0.03 0.00	30.89 -0.16 0.00	27.51 -0.11 0.00
NGRID_A1_DSASP 323792	25.14 -1.46 0.00	23.80 -1.52 0.00	21.33 -1.51 0.00	21.29 -1.60 0.00	21.40 -1.59 0.00	22.26 -1.55 0.00	22.67 -1.45 0.00	22.51 -1.67 0.00	22.94 -1.97 0.00	23.81 -1.20 0.00	24.36 -1.53 0.01	26.17 -1.20 0.00	27.33 -1.47 0.00	29.61 -1.46 0.01	30.40 -1.60 0.01	34.57 -1.33 0.01	37.94 -2.34 0.03	41.81 -3.29 1.20	40.85 -2.83 0.52	37.85 -2.98 1.18	34.26 -3.35 0.44	31.29 -2.83 0.39	28.56 -2.45 0.03	25.90 -1.71 0.00
NGRID_A2_DSASP 323793	25.14 -1.46 0.00	23.80 -1.52 0.00	21.33 -1.51 0.00	21.29 -1.60 0.00	21.40 -1.59 0.00	22.26 -1.55 0.00	22.67 -1.45 0.00	22.51 -1.67 0.00	22.94 -1.97 0.00	23.81 -1.20 0.00	24.36 -1.53 0.01	26.17 -1.20 0.00	27.33 -1.47 0.00	29.61 -1.46 0.01	30.40 -1.60 0.01	34.57 -1.33 0.01	37.94 -2.34 0.03	41.81 -3.29 1.20	40.85 -2.83 0.52	37.85 -2.98 1.18	34.26 -3.35 0.44	31.29 -2.83 0.39	28.56 -2.45 0.03	25.90 -1.71 0.00
NGRID_A4_DSASP 323807	25.14 -1.46 0.00	23.80 -1.52 0.00	21.33 -1.51 0.00	21.29 -1.60 0.00	21.40 -1.59 0.00	22.26 -1.55 0.00	22.67 -1.45 0.00	22.51 -1.67 0.00	22.94 -1.97 0.00	23.81 -1.20 0.00	24.36 -1.53 0.01	26.17 -1.20 0.00	27.33 -1.47 0.00	29.61 -1.46 0.01	30.40 -1.60 0.01	34.57 -1.33 0.01	37.94 -2.34 0.03	41.81 -3.29 1.20	40.85 -2.83 0.52	37.85 -2.98 1.18	34.26 -3.35 0.44	31.29 -2.83 0.39	28.56 -2.45 0.03	25.90 -1.71 0.00
NIAGARA_115E_LBMP 323715	25.09 -1.52 0.00	23.72 -1.59 0.00	21.26 -1.58 0.00	21.24 -1.65 0.00	21.33 -1.66 0.00	22.21 -1.59 0.00	22.60 -1.52 0.00	22.46 -1.72 0.00	22.89 -2.02 0.00	23.74 -1.27 0.00	24.28 -1.61 0.00	26.09 -1.29 0.00	27.27 -1.53 0.00	29.52 -1.55 0.00	30.34 -1.67 0.00	34.50 -1.40 0.00	37.86 -2.42 0.03	41.67 -3.43 1.21	40.76 -2.92 0.53	37.72 -3.11 1.18	34.18 -3.42 0.44	31.22 -2.90 0.39	28.50 -2.51 0.03	25.82 -1.79 0.00
NIAGARA_115W_LBMP 323714	25.09 -1.52 0.00	23.75 -1.57 0.00	21.28 -1.55 0.00	21.24 -1.65 0.00	21.36 -1.63 0.00	22.21 -1.59 0.00	22.62 -1.50 0.00	22.46 -1.72 0.00	22.89 -2.02 0.00	23.74 -1.27 0.00	24.28 -1.61 0.00	26.09 -1.29 0.00	27.27 -1.53 0.00	29.52 -1.55 0.00	30.33 -1.67 0.00	34.46 -1.44 0.00	37.81 -2.46 0.03	41.72 -3.38 1.21	40.76 -2.92 0.53	37.76 -3.07 1.18	34.18 -3.42 0.44	31.22 -2.90 0.39	28.50 -2.51 0.03	25.85 -1.77 0.00
NIAGARA_230_LBMP 323716	25.30 -1.30 0.00	23.92 -1.39 0.00	21.44 -1.39 0.00	21.42 -1.47 0.00	21.54 -1.45 0.00	22.40 -1.40 0.00	22.84 -1.28 0.00	22.68 -1.50 0.00	23.12 -1.79 0.00	23.96 -1.05 0.00	24.51 -1.37 0.00	26.34 -1.04 0.00	27.50 -1.30 0.00	29.74 -1.34 0.00	30.60 -1.41 0.00	34.72 -1.18 0.00	38.14 -2.14 0.03	42.06 -3.01 1.23	41.10 -2.56 0.54	38.08 -2.73 1.20	34.52 -3.08 0.45	31.52 -2.59 0.40	28.78 -2.24 0.03	26.07 -1.55 0.00
NIAGARA__115KV_198_GIBSON 55903	25.09 -1.52 0.00	23.75 -1.57 0.00	21.28 -1.55 0.00	21.24 -1.65 0.00	21.35 -1.63 0.00	22.14 -1.67 0.00	22.62 -1.50 0.00	22.46 -1.72 0.00	22.89 -2.02 0.00	23.76 -1.25 0.00	24.28 -1.61 0.00	26.09 -1.29 0.00	27.21 -1.58 0.00	29.52 -1.55 0.00	30.30 -1.70 0.00	34.39 -1.51 0.00	37.78 -2.50 0.03	41.62 -3.47 1.21	40.67 -3.01 0.53	37.72 -3.11 1.18	34.41 -3.20 0.44	31.22 -2.90 0.39	28.47 -2.55 0.03	25.82 -1.80 0.00
NIAGARA____ 23760	25.30 -1.30 0.00	23.92 -1.39 0.00	21.44 -1.39 0.00	21.42 -1.47 0.00	21.54 -1.45 0.00	22.40 -1.40 0.00	22.84 -1.28 0.00	22.68 -1.50 0.00	23.12 -1.79 0.00	23.96 -1.05 0.00	24.51 -1.37 0.00	26.34 -1.04 0.00	27.50 -1.30 0.00	29.74 -1.34 0.00	30.59 -1.41 0.00	34.72 -1.18 0.00	38.14 -2.14 0.03	42.08 -3.01 1.22	41.11 -2.56 0.53	38.09 -2.73 1.19	34.52 -3.08 0.44	31.52 -2.59 0.39	28.78 -2.24 0.03	26.07 -1.55 0.00
NINE_MILE_1 23575	26.10 -0.51 0.00	24.86 -0.45 0.00	22.38 -0.46 0.00	22.45 -0.44 0.00	22.55 -0.44 0.00	23.35 -0.45 0.00	23.66 -0.46 0.00	23.67 -0.51 0.00	24.29 -0.62 0.00	24.48 -0.53 0.00	25.19 -0.70 0.00	26.67 -0.71 0.00	28.04 -0.75 0.00	30.33 -0.75 0.00	31.27 -0.73 0.00	35.11 -0.79 0.00	39.08 -0.97 0.26	35.68 -1.06 9.56	39.07 -0.97 4.16	31.68 -0.96 9.36	33.66 -0.91 3.48	30.59 -0.83 3.09	30.01 -0.77 0.26	26.93 -0.69 0.00
NINE_MILE_2 23744	26.10 -0.51 0.00	24.86 -0.45 0.00	22.40 -0.43 0.00	22.45 -0.44 0.00	22.55 -0.44 0.00	23.35 -0.45 0.00	23.66 -0.46 0.00	23.67 -0.51 0.00	24.29 -0.62 0.00	24.48 -0.53 0.00	25.19 -0.70 0.00	26.67 -0.71 0.00	28.04 -0.75 0.00	30.33 -0.75 0.00	31.27 -0.73 0.00	35.11 -0.79 0.00	39.07 -0.97 0.27	35.56 -1.06 9.68	39.01 -0.97 4.22	31.56 -0.96 9.48	33.61 -0.91 3.52	30.55 -0.83 3.13	30.01 -0.77 0.27	26.93 -0.69 0.00
NM_CAPITAL__DRP 24208	27.08 0.48 0.00	25.75 0.43 0.00	23.41 0.57 0.00	23.44 0.55 0.00	23.54 0.55 0.00	24.40 0.60 0.00	24.70 0.58 0.00	24.78 0.60 0.00	25.46 0.55 0.00	25.26 0.25 0.00	26.30 0.41 0.00	27.68 0.30 0.00	29.14 0.35 0.00	31.54 0.47 0.00	32.65 0.64 0.00	36.59 0.68 0.00	41.19 0.89 0.00	47.41 1.11 0.00	45.22 1.02 0.00	43.10 1.09 0.00	39.00 0.95 0.00	35.40 0.90 0.00	31.73 0.68 0.00	28.20 0.58 0.00



NM_CENTRAL___DRP 24181	26.55 -0.05 0.00	25.24 -0.08 0.00	22.72 -0.11 0.00	22.77 -0.11 0.00	22.87 -0.11 0.00	23.66 -0.14 0.00	24.02 -0.10 0.00	24.06 -0.12 0.00	24.64 -0.27 0.00	24.91 -0.10 0.00	25.63 -0.26 0.00	27.16 -0.22 0.00	28.53 -0.26 0.00	30.92 -0.16 0.00	31.91 -0.10 0.00	35.87 -0.04 0.00	40.09 -0.20 0.01	45.58 -0.19 0.54	43.88 -0.09 0.24	41.31 -0.17 0.53	37.70 -0.15 0.20	34.16 -0.17 0.17	30.85 -0.19 0.01	27.45 -0.17 0.00
NM_FRONTIER___DRP 24179	25.09 -1.52 0.00	23.75 -1.57 0.00	21.28 -1.55 0.00	21.24 -1.65 0.00	21.35 -1.63 0.00	22.14 -1.67 0.00	22.62 -1.50 0.00	22.46 -1.72 0.00	22.89 -2.02 0.00	23.76 -1.25 0.00	24.28 -1.61 0.00	26.09 -1.29 0.00	27.21 -1.58 0.00	29.52 -1.55 0.00	30.30 -1.70 0.00	34.39 -1.51 0.00	37.78 -2.50 0.03	41.62 -3.47 1.21	40.67 -3.01 0.53	37.72 -3.11 1.18	34.41 -3.20 0.44	31.22 -2.90 0.39	28.47 -2.55 0.03	25.82 -1.80 0.00
NM_ST_REGIS___HYD 24053	26.34 -0.27 0.00	25.21 -0.10 0.00	22.74 -0.09 0.00	22.77 -0.11 0.00	22.92 -0.07 0.00	23.78 -0.02 0.00	24.05 -0.07 0.00	24.20 0.02 0.00	24.98 0.07 0.00	25.09 0.08 0.00	25.94 0.05 0.00	27.35 -0.03 0.00	28.74 -0.06 0.00	30.83 -0.25 0.00	31.56 -0.45 0.00	35.47 -0.43 0.00	39.94 -0.36 0.00	45.84 -0.46 0.00	43.76 -0.44 0.00	41.67 -0.34 0.00	37.70 -0.34 0.00	34.13 -0.38 0.00	30.71 -0.34 0.00	27.40 -0.22 0.00
NORTHPORT___1 23551	28.17 1.57 0.00	26.61 1.29 0.00	23.98 1.14 0.00	23.92 1.03 0.00	23.97 0.99 0.00	24.83 1.02 0.00	25.40 1.28 0.00	25.41 1.23 0.00	26.23 1.32 0.00	26.21 1.20 0.00	29.05 1.73 -1.43	31.79 1.75 -2.65	32.74 1.87 -2.08	33.99 2.17 -0.74	34.50 2.50 0.00	38.49 2.59 0.00	43.33 3.02 0.00	49.73 3.43 0.00	51.86 3.18 -4.48	44.57 2.56 0.00	40.41 2.36 0.00	37.72 2.49 -0.73	33.43 2.14 -0.24	32.42 1.85 -2.95
NORTHPORT___2 23552	28.17 1.57 0.00	26.61 1.29 0.00	23.98 1.14 0.00	23.92 1.03 0.00	23.97 0.99 0.00	24.83 1.02 0.00	25.40 1.28 0.00	25.41 1.23 0.00	26.23 1.32 0.00	26.21 1.20 0.00	29.05 1.73 -1.43	31.79 1.75 -2.65	32.74 1.87 -2.08	33.99 2.17 -0.74	34.50 2.50 0.00	38.49 2.59 0.00	43.33 3.02 0.00	49.73 3.43 0.00	51.86 3.18 -4.48	44.57 2.56 0.00	40.41 2.36 0.00	37.72 2.49 -0.73	33.43 2.14 -0.24	32.42 1.85 -2.95
NORTHPORT___3 23553	28.12 1.52 0.00	26.56 1.24 0.00	23.95 1.12 0.00	23.89 1.01 0.00	23.95 0.97 0.00	24.80 1.00 0.00	25.30 1.18 0.00	25.36 1.18 0.00	26.23 1.32 0.00	26.21 1.20 0.00	29.07 1.76 -1.43	31.90 1.86 -2.65	32.74 1.87 -2.08	33.96 2.14 -0.74	34.44 2.43 0.00	38.31 2.41 0.00	43.13 2.82 0.00	49.45 3.15 0.00	51.60 2.92 -4.48	44.32 2.31 0.00	40.25 2.21 0.00	37.92 2.69 -0.73	33.71 2.42 -0.24	32.58 2.01 -2.95
NORTHPORT___4 23650	28.12 1.52 0.00	26.56 1.24 0.00	23.95 1.12 0.00	23.89 1.01 0.00	23.95 0.97 0.00	24.80 1.00 0.00	25.30 1.18 0.00	25.36 1.18 0.00	26.23 1.32 0.00	26.21 1.20 0.00	29.07 1.76 -1.43	31.90 1.86 -2.65	32.74 1.87 -2.08	33.96 2.14 -0.74	34.44 2.43 0.00	38.31 2.41 0.00	43.13 2.82 0.00	49.45 3.15 0.00	51.60 2.92 -4.48	44.32 2.31 0.00	40.25 2.21 0.00	37.92 2.69 -0.73	33.71 2.42 -0.24	32.58 2.01 -2.95
NORTHPORT___IC 23718	28.17 1.57 0.00	26.61 1.29 0.00	23.95 1.12 0.00	23.92 1.03 0.00	23.98 0.99 0.00	24.85 1.05 0.00	25.40 1.28 0.00	25.41 1.23 0.00	26.23 1.32 0.00	26.19 1.18 0.00	29.04 1.73 -1.42	31.78 1.75 -2.65	32.73 1.87 -2.07	33.98 2.18 -0.73	34.50 2.50 0.00	38.56 2.66 0.00	43.57 3.26 0.00	49.82 3.52 0.00	51.85 3.18 -4.47	44.53 2.52 0.00	40.56 2.51 0.00	37.71 2.48 -0.72	33.45 2.17 -0.23	32.38 1.82 -2.94
NORTH___COUNTRY_ESR 323785	26.90 0.29 0.00	25.75 0.43 0.00	23.22 0.39 0.00	23.25 0.37 0.00	23.40 0.41 0.00	24.26 0.45 0.00	24.58 0.46 0.00	24.71 0.53 0.00	25.53 0.62 0.00	25.64 0.63 0.00	26.51 0.62 0.00	27.98 0.60 0.00	29.46 0.66 0.00	31.60 0.53 0.00	32.36 0.35 0.00	36.37 0.47 0.00	40.95 0.64 0.00	46.90 0.60 0.00	44.69 0.49 0.00	42.52 0.51 0.00	38.35 0.30 0.00	34.61 0.10 0.00	31.17 0.12 0.00	27.78 0.17 0.00
NPX_GEN_1385_PROXY 323591	28.25 1.65 0.00	26.68 1.37 0.00	24.00 1.16 0.00	23.94 1.05 0.00	24.00 1.01 0.00	24.85 1.05 0.00	25.54 1.42 0.00	25.51 1.33 0.00	26.11 1.20 0.00	26.06 1.05 0.00	28.84 1.53 -1.43	31.32 1.29 -2.65	32.51 1.64 -2.08	33.74 1.93 -0.74	34.18 2.18 0.00	38.17 2.26 0.00	43.01 2.70 0.00	49.49 3.19 0.00	51.47 2.79 -4.48	44.62 2.61 0.00	40.37 2.32 0.00	37.61 2.38 -0.73	33.34 2.05 -0.24	32.34 1.77 -2.95
NPX_GEN_CSC 323557	28.09 1.49 0.00	26.51 1.19 0.00	23.89 1.05 0.00	23.83 0.94 0.00	23.88 0.90 0.00	24.73 0.93 0.00	25.45 1.33 0.00	25.29 1.11 0.00	26.08 1.17 0.00	26.04 1.03 0.00	28.89 1.58 -1.43	31.62 1.59 -2.65	32.63 1.76 -2.08	34.05 2.24 -0.74	34.69 2.69 0.00	38.85 2.94 0.00	43.86 3.55 0.00	50.47 4.17 0.00	52.52 3.84 -4.48	44.99 2.98 0.00	40.64 2.59 0.00	37.92 2.69 -0.73	33.40 2.11 -0.24	32.25 1.68 -2.95
NSINS_S___GLNS_FALLS 23858	28.01 1.41 0.00	26.61 1.29 0.00	23.95 1.12 0.00	23.96 1.08 0.00	24.02 1.03 0.00	24.99 1.19 0.00	25.30 1.18 0.00	25.29 1.11 0.00	26.11 1.20 0.00	26.01 1.00 0.00	26.87 0.98 0.00	28.34 0.96 0.00	29.89 1.09 0.00	32.07 0.99 0.00	33.25 1.25 0.00	37.34 1.44 0.00	42.40 2.10 0.00	49.27 2.96 0.00	47.34 3.14 0.00	44.95 2.94 0.00	40.52 2.47 0.00	36.85 2.35 0.00	32.94 1.89 0.00	29.33 1.71 0.00
NUCOR_STEEL___DRP 24197	26.76 0.16 0.00	25.44 0.13 0.00	22.86 0.02 0.00	22.91 0.02 0.00	23.03 0.05 0.00	23.83 0.02 0.00	24.17 0.05 0.00	24.20 0.02 0.00	24.79 -0.12 0.00	25.11 0.10 0.00	25.78 -0.10 0.00	27.38 0.00 0.00	28.79 0.00 0.00	31.20 0.12 0.00	32.20 0.19 0.00	36.23 0.32 0.00	40.55 0.24 0.00	46.67 0.37 0.00	44.64 0.44 0.00	42.35 0.34 0.00	38.28 0.23 0.00	34.68 0.17 0.00	31.17 0.12 0.00	27.70 0.08 0.00
NUMBER_THREE_WT_PWR 323818	27.08 0.48 0.00	25.75 0.43 0.00	23.16 0.32 0.00	23.21 0.32 0.00	23.28 0.30 0.00	24.14 0.33 0.00	24.50 0.38 0.00	24.66 0.48 0.00	25.23 0.32 0.00	25.36 0.35 0.00	26.09 0.21 0.00	27.54 0.17 0.00	28.88 0.09 0.00	31.23 0.16 0.00	32.20 0.19 0.00	36.23 0.32 0.00	40.75 0.44 0.00	46.95 0.65 0.00	45.00 0.80 0.00	42.85 0.84 0.00	38.69 0.65 0.00	35.26 0.76 0.00	31.61 0.56 0.00	28.00 0.39 0.00
NYISO_LBMP_REFERENCE 24008	26.60 0.00 0.00	25.32 0.00 0.00	22.84 0.00 0.00	22.89 0.00 0.00	22.99 0.00 0.00	23.80 0.00 0.00	24.12 0.00 0.00	24.18 0.00 0.00	24.91 0.00 0.00	25.01 0.00 0.00	25.89 0.00 0.00	27.38 0.00 0.00	28.79 0.00 0.00	31.08 0.00 0.00	32.01 0.00 0.00	35.90 0.00 0.00	40.31 0.00 0.00	46.30 0.00 0.00	44.20 0.00 0.00	42.01 0.00 0.00	38.05 0.00 0.00	34.51 0.00 0.00	31.05 0.00 0.00	27.62 0.00 0.00



NYPA_BRENTWD____GT 24164	28.49 1.89 0.00	26.86 1.54 0.00	24.23 1.39 0.00	24.17 1.28 0.00	24.20 1.22 0.00	25.07 1.26 0.00	25.64 1.52 0.00	25.63 1.45 0.00	26.51 1.60 0.00	26.49 1.48 0.00	29.36 2.04 -1.43	32.17 2.14 -2.65	33.14 2.27 -2.08	34.55 2.74 -0.74	35.14 3.14 0.00	39.20 3.30 0.00	44.22 3.91 0.00	50.75 4.45 0.00	52.83 4.15 -4.48	45.37 3.36 0.00	41.09 3.04 0.00	38.34 3.11 -0.73	33.90 2.61 -0.24	32.78 2.21 -2.95
NYPA_GOWANUS____GT5 24156	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.04 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.30 0.00	26.28 1.37 0.00	26.29 1.27 0.00	27.60 1.71 0.00	29.22 1.83 0.00	30.76 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.71 2.80 -0.01	43.49 3.18 0.00	49.68 3.38 0.00	47.25 3.05 0.00	44.66 2.65 0.00	40.98 2.93 0.00	37.06 2.55 0.00	33.26 2.20 0.00	29.47 1.85 0.00
NYPA_GOWANUS____GT6 24157	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.04 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.30 0.00	26.28 1.37 0.00	26.29 1.27 0.00	27.60 1.71 0.00	29.22 1.83 0.00	30.76 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.71 2.80 -0.01	43.49 3.18 0.00	49.68 3.38 0.00	47.25 3.05 0.00	44.66 2.65 0.00	40.98 2.93 0.00	37.06 2.55 0.00	33.26 2.20 0.00	29.47 1.85 0.00
NYPA_HARLEM__RVR__GT1 24160	27.88 1.28 0.00	26.48 1.17 0.00	23.98 1.14 0.00	23.92 1.03 0.00	24.02 1.04 0.00	24.78 0.98 0.00	25.13 1.01 0.00	25.31 1.14 0.00	26.07 1.17 0.01	26.08 1.07 0.01	27.36 1.47 0.00	28.99 1.61 0.00	30.55 1.76 0.00	33.31 2.24 0.00	34.60 2.59 0.00	38.45 2.55 0.00	43.09 2.78 0.00	49.17 2.87 0.01	46.80 2.61 0.01	44.23 2.23 0.01	40.67 2.62 0.00	36.82 2.31 0.00	33.13 2.08 0.00	29.33 1.71 0.00
NYPA_HARLEM__RVR__GT2 24161	27.88 1.28 0.00	26.48 1.17 0.00	23.98 1.14 0.00	23.92 1.03 0.00	24.02 1.04 0.00	24.78 0.98 0.00	25.13 1.01 0.00	25.31 1.14 0.00	26.07 1.17 0.01	26.08 1.07 0.01	27.36 1.47 0.00	28.99 1.61 0.00	30.55 1.76 0.00	33.31 2.24 0.00	34.60 2.59 0.00	38.45 2.55 0.00	43.09 2.78 0.00	49.17 2.87 0.01	46.80 2.61 0.01	44.23 2.23 0.01	40.67 2.62 0.00	36.82 2.31 0.00	33.13 2.08 0.00	29.33 1.71 0.00
NYPA_KENT____GT 24152	27.96 1.36 0.00	26.54 1.22 0.00	23.95 1.12 0.00	23.89 1.01 0.00	24.00 1.01 0.00	24.80 1.00 0.00	25.23 1.11 0.00	25.43 1.26 0.00	26.23 1.32 0.00	26.24 1.23 0.00	27.55 1.66 0.00	29.14 1.75 0.00	30.67 1.87 0.00	33.38 2.30 0.00	34.70 2.69 0.00	38.64 2.73 0.00	43.37 3.06 0.00	49.54 3.24 0.00	47.12 2.92 0.00	44.53 2.52 0.00	40.86 2.82 0.00	36.99 2.49 0.00	33.19 2.14 0.00	29.39 1.77 0.00
NYPA_POUCH1____GT 24155	27.97 1.36 -0.01	26.51 1.19 -0.01	23.93 1.10 0.00	23.84 0.96 0.01	23.92 0.94 0.01	24.77 0.98 0.01	25.20 1.09 0.01	25.35 1.18 0.01	26.17 1.27 0.01	26.15 1.15 0.01	27.46 1.58 0.01	29.07 1.70 0.01	30.60 1.82 0.01	33.27 2.21 0.01	34.56 2.56 0.00	38.52 2.62 0.00	43.48 3.18 0.01	48.30 3.38 1.38	47.24 3.05 0.01	44.65 2.65 0.01	40.81 2.78 0.01	36.87 2.38 0.01	33.09 2.05 0.01	29.32 1.71 0.01
NYPA_VERNON____GT2 24162	27.91 1.30 0.00	26.46 1.14 0.00	23.91 1.07 0.00	23.87 0.98 0.00	23.95 0.97 0.00	24.76 0.95 0.00	25.18 1.06 0.00	25.36 1.18 0.00	26.16 1.24 0.00	26.16 1.15 0.00	27.47 1.58 0.00	29.08 1.70 0.00	30.61 1.82 0.00	33.31 2.24 0.00	34.60 2.59 0.00	38.56 2.66 0.00	43.25 2.94 0.00	49.40 3.10 0.00	47.03 2.83 0.00	44.45 2.44 0.00	40.75 2.70 0.00	36.92 2.41 0.00	33.13 2.08 0.00	29.33 1.71 0.00
NYPA_VERNON____GT3 24163	27.91 1.30 0.00	26.46 1.14 0.00	23.91 1.07 0.00	23.87 0.98 0.00	23.95 0.97 0.00	24.76 0.95 0.00	25.18 1.06 0.00	25.36 1.18 0.00	26.16 1.24 0.00	26.16 1.15 0.00	27.47 1.58 0.00	29.08 1.70 0.00	30.61 1.82 0.00	33.31 2.24 0.00	34.60 2.59 0.00	38.56 2.66 0.00	43.25 2.94 0.00	49.40 3.10 0.00	47.03 2.83 0.00	44.45 2.44 0.00	40.75 2.70 0.00	36.92 2.41 0.00	33.13 2.08 0.00	29.33 1.71 0.00
NYPA__ASTORIA_CC1 323568	27.85 1.25 0.00	26.43 1.11 0.00	23.89 1.05 0.00	23.85 0.96 0.00	23.93 0.94 0.00	24.73 0.93 0.00	25.13 1.01 0.00	25.34 1.16 0.00	26.13 1.22 0.00	26.14 1.13 0.00	27.42 1.53 0.00	29.02 1.64 0.00	30.55 1.76 0.00	33.25 2.17 0.00	34.57 2.56 0.00	38.49 2.59 0.00	43.17 2.86 0.00	49.31 3.01 0.00	46.94 2.74 0.00	44.36 2.35 0.00	40.67 2.62 0.00	36.85 2.35 0.00	33.07 2.02 0.00	29.27 1.66 0.00
NYPA__ASTORIA_CC2 323569	27.85 1.25 0.00	26.43 1.11 0.00	23.89 1.05 0.00	23.85 0.96 0.00	23.93 0.94 0.00	24.73 0.93 0.00	25.13 1.01 0.00	25.34 1.16 0.00	26.13 1.22 0.00	26.14 1.13 0.00	27.42 1.53 0.00	29.02 1.64 0.00	30.55 1.76 0.00	33.25 2.17 0.00	34.57 2.56 0.00	38.49 2.59 0.00	43.17 2.86 0.00	49.31 3.01 0.00	46.94 2.74 0.00	44.36 2.35 0.00	40.67 2.62 0.00	36.85 2.35 0.00	33.07 2.02 0.00	29.27 1.66 0.00
NYPA__HOLTSVILL 23794	28.28 1.68 0.00	26.68 1.37 0.00	24.05 1.21 0.00	23.99 1.10 0.00	24.04 1.06 0.00	24.90 1.10 0.00	25.52 1.40 0.00	25.48 1.30 0.00	26.30 1.39 0.00	26.29 1.27 0.00	29.15 1.84 -1.43	31.87 1.83 -2.65	32.85 1.99 -2.08	34.24 2.43 -0.74	34.82 2.82 0.00	38.92 3.02 0.00	43.89 3.59 0.00	50.38 4.08 0.00	52.48 3.80 -4.48	45.04 3.03 0.00	40.75 2.70 0.00	38.02 2.79 -0.73	33.59 2.30 -0.24	32.50 1.93 -2.95
NYPA__HELLGATE_GT1 24158	27.88 1.28 0.00	26.48 1.17 0.00	23.98 1.14 0.00	23.92 1.03 0.00	24.02 1.04 0.00	24.78 0.98 0.00	25.13 1.01 0.00	25.31 1.14 0.00	26.07 1.17 0.01	26.08 1.07 0.01	27.39 1.50 0.00	28.99 1.61 0.00	30.55 1.76 0.00	33.31 2.24 0.00	34.60 2.59 0.00	38.45 2.55 0.00	43.05 2.74 0.00	49.12 2.82 0.01	46.76 2.56 0.01	44.19 2.18 0.01	40.67 2.62 0.00	36.82 2.31 0.00	33.13 2.08 0.00	29.33 1.71 0.00
NYPA__HELLGATE_GT2 24159	27.88 1.28 0.00	26.48 1.17 0.00	23.98 1.14 0.00	23.92 1.03 0.00	24.02 1.04 0.00	24.78 0.98 0.00	25.13 1.01 0.00	25.31 1.14 0.00	26.07 1.17 0.01	26.08 1.07 0.01	27.39 1.50 0.00	28.99 1.61 0.00	30.55 1.76 0.00	33.31 2.24 0.00	34.60 2.59 0.00	38.45 2.55 0.00	43.05 2.74 0.00	49.12 2.82 0.01	46.76 2.56 0.01	44.19 2.18 0.01	40.67 2.62 0.00	36.82 2.31 0.00	33.13 2.08 0.00	29.33 1.71 0.00
NYS_BARGE__HYD 23848	25.54 -1.06 0.00	24.15 -1.16 0.00	21.62 -1.21 0.00	21.61 -1.28 0.00	21.70 -1.29 0.00	22.59 -1.21 0.00	23.01 -1.11 0.00	22.92 -1.26 0.00	23.37 -1.54 0.00	24.21 -0.80 0.00	24.80 -1.09 0.00	26.64 -0.74 0.00	27.84 -0.95 0.00	30.17 -0.90 0.00	31.01 -0.99 0.00	35.26 -0.65 0.00	38.70 -1.57 0.03	42.63 -2.46 1.22	41.68 -1.99 0.53	38.55 -2.27 1.19	34.90 -2.70 0.44	31.87 -2.24 0.39	29.09 -1.93 0.03	26.35 -1.27 0.00



OAK ORCHARD___HYD 24046	26.10 -0.51 0.00	24.81 -0.51 0.00	22.22 -0.62 0.00	22.20 -0.69 0.00	22.30 -0.69 0.00	23.16 -0.64 0.00	23.54 -0.58 0.00	23.43 -0.75 0.00	23.96 -0.95 0.00	24.56 -0.45 0.00	25.19 -0.70 0.00	26.91 -0.47 0.00	28.28 -0.52 0.00	30.61 -0.47 0.00	31.49 -0.51 0.00	35.65 -0.25 0.00	39.71 -0.56 0.04	44.33 -0.65 1.32	43.18 -0.44 0.57	40.13 -0.59 1.29	36.65 -0.91 0.48	33.29 -0.79 0.43	30.14 -0.87 0.04	27.04 -0.58 0.00
OAKDALE___35_KV_LOAD 356122	26.71 0.11 0.00	25.34 0.03 0.00	22.81 -0.02 0.00	22.84 -0.05 0.00	22.96 -0.02 0.00	23.76 -0.05 0.00	24.14 0.02 0.00	24.30 0.12 0.00	24.88 -0.02 0.00	25.21 0.20 0.00	26.02 0.13 0.00	27.63 0.25 0.00	28.97 0.17 0.00	31.39 0.31 0.00	32.42 0.42 0.00	36.48 0.57 0.00	40.66 0.36 0.01	46.16 0.23 0.37	44.30 0.27 0.16	41.77 0.13 0.37	37.95 0.04 0.14	34.39 0.00 0.12	31.13 0.09 0.01	27.73 0.11 0.00
OCC_CHEM___DRP 24175	25.14 -1.46 0.00	23.80 -1.52 0.00	21.33 -1.51 0.00	21.29 -1.60 0.00	21.40 -1.59 0.00	22.19 -1.62 0.00	22.67 -1.45 0.00	22.51 -1.67 0.00	22.97 -1.94 0.00	23.84 -1.18 0.00	24.36 -1.53 0.01	26.17 -1.20 0.00	27.30 -1.50 0.00	29.58 -1.49 0.01	30.40 -1.60 0.01	34.50 -1.40 0.01	37.90 -2.38 0.03	41.76 -3.33 1.20	40.76 -2.92 0.52	37.85 -2.98 1.18	34.49 -3.12 0.44	31.29 -2.83 0.39	28.53 -2.48 0.03	25.88 -1.74 0.00
OH_GEN_PROXY 24063	25.33 -1.28 0.00	23.95 -1.37 0.00	21.47 -1.37 0.00	21.42 -1.47 0.00	21.54 -1.45 0.00	22.40 -1.40 0.00	22.86 -1.26 0.00	22.70 -1.48 0.00	23.17 -1.74 0.00	23.98 -1.03 0.00	24.54 -1.35 0.00	26.37 -1.01 0.00	27.56 -1.24 0.00	29.80 -1.28 0.00	30.63 -1.38 0.00	34.79 -1.11 0.00	38.22 -2.05 0.03	42.20 -2.87 1.23	41.19 -2.47 0.54	38.20 -2.60 1.21	34.63 -2.97 0.45	31.59 -2.52 0.40	28.81 -2.20 0.03	26.10 -1.52 0.00
OLIN_CORP_DRP 24177	25.14 -1.46 0.00	23.80 -1.52 0.00	21.33 -1.51 0.00	21.29 -1.60 0.00	21.40 -1.59 0.00	22.19 -1.62 0.00	22.67 -1.45 0.00	22.51 -1.67 0.00	22.97 -1.94 0.00	23.84 -1.18 0.00	24.36 -1.53 0.01	26.17 -1.20 0.00	27.30 -1.50 0.00	29.58 -1.49 0.01	30.40 -1.60 0.01	34.50 -1.40 0.01	37.90 -2.38 0.03	41.76 -3.33 1.20	40.76 -2.92 0.52	37.85 -2.98 1.18	34.49 -3.12 0.44	31.29 -2.83 0.39	28.53 -2.48 0.03	25.88 -1.74 0.00
OLIN_CORP_DSASP 323712	25.14 -1.46 0.00	23.80 -1.52 0.00	21.33 -1.51 0.00	21.29 -1.60 0.00	21.40 -1.59 0.00	22.26 -1.55 0.00	22.67 -1.45 0.00	22.51 -1.67 0.00	22.94 -1.97 0.00	23.81 -1.20 0.00	24.36 -1.53 0.01	26.17 -1.20 0.00	27.33 -1.47 0.00	29.61 -1.46 0.01	30.40 -1.60 0.01	34.57 -1.33 0.01	37.94 -2.34 0.03	41.81 -3.29 1.20	40.85 -2.83 0.52	37.85 -2.98 1.18	34.26 -3.35 0.44	31.29 -2.83 0.39	28.56 -2.45 0.03	25.90 -1.71 0.00
ONEIDA_HERK_LFGE 323681	27.24 0.64 0.00	25.90 0.58 0.00	23.32 0.48 0.00	23.35 0.46 0.00	23.45 0.46 0.00	24.31 0.50 0.00	24.65 0.53 0.00	24.81 0.63 0.00	25.41 0.50 0.00	25.56 0.55 0.00	26.33 0.44 0.00	27.82 0.44 0.00	29.17 0.37 0.00	31.57 0.50 0.00	32.61 0.61 0.00	36.66 0.76 0.00	41.16 0.85 0.00	47.37 1.07 0.00	45.35 1.15 0.00	43.15 1.13 0.00	39.00 0.95 0.00	35.47 0.96 0.00	31.82 0.78 0.00	28.22 0.61 0.00
ONEIDA___115KV_TB4 55905	27.45 0.85 0.00	26.07 0.76 0.00	23.45 0.62 0.00	23.51 0.62 0.00	23.58 0.60 0.00	24.45 0.64 0.00	24.80 0.68 0.00	24.95 0.77 0.00	25.53 0.62 0.00	25.74 0.73 0.00	26.51 0.62 0.00	28.01 0.63 0.00	29.37 0.58 0.00	31.85 0.78 0.00	32.93 0.93 0.00	36.98 1.08 0.00	41.47 1.17 0.01	47.41 1.39 0.28	45.54 1.46 0.12	43.12 1.39 0.27	39.12 1.18 0.10	35.55 1.14 0.09	31.94 0.90 0.01	28.42 0.80 0.00
ONONDAGA_REF_OCCRA 23987	26.63 0.03 0.00	25.32 0.00 0.00	22.79 -0.05 0.00	22.84 -0.05 0.00	22.94 -0.05 0.00	23.73 -0.07 0.00	24.10 -0.02 0.00	24.13 -0.05 0.00	24.74 -0.17 0.00	25.01 0.00 0.00	25.73 -0.16 0.00	27.27 -0.11 0.00	28.65 -0.14 0.00	31.04 -0.03 0.00	32.04 0.03 0.00	36.01 0.11 0.00	40.30 0.00 0.01	45.95 0.05 0.40	44.16 0.13 0.17	41.66 0.04 0.39	37.90 0.00 0.15	34.38 0.00 0.13	31.01 -0.03 0.01	27.56 -0.06 0.00
ONONDAGA___COGEN 23986	26.66 0.05 0.00	25.37 0.05 0.00	22.81 -0.02 0.00	22.87 -0.02 0.00	22.99 0.00 0.00	23.78 -0.02 0.00	24.12 0.00 0.00	24.15 -0.02 0.00	24.76 -0.15 0.00	25.01 0.00 0.00	25.73 -0.16 0.00	27.27 -0.11 0.00	28.68 -0.12 0.00	31.04 -0.03 0.00	32.07 0.06 0.00	36.05 0.14 0.00	40.35 0.04 0.00	46.39 0.09 0.00	44.38 0.18 0.00	42.10 0.08 0.00	38.08 0.04 0.00	34.54 0.03 0.00	31.05 0.00 0.00	27.59 -0.03 0.00
ONTARIO___LFGE 23819	26.76 0.16 0.00	25.37 0.05 0.00	22.75 -0.09 0.00	22.75 -0.14 0.00	22.87 -0.11 0.00	23.73 -0.07 0.00	24.12 0.00 0.00	24.25 0.07 0.00	24.76 -0.15 0.00	25.26 0.25 0.00	25.94 0.05 0.00	27.60 0.22 0.00	28.97 0.17 0.00	31.39 0.31 0.00	32.45 0.45 0.00	36.44 0.54 0.00	40.65 0.36 0.02	45.87 0.37 0.80	44.43 0.57 0.35	41.52 0.30 0.78	37.68 -0.08 0.29	34.35 0.10 0.26	31.15 0.12 0.02	27.78 0.17 0.00
ORANGEVILLE_WT_PWR 323706	25.99 -0.61 0.00	24.61 -0.71 0.00	22.06 -0.78 0.00	22.07 -0.82 0.00	22.16 -0.83 0.00	23.04 -0.76 0.00	23.47 -0.65 0.00	23.60 -0.58 0.00	24.06 -0.85 0.00	24.81 -0.20 0.00	25.50 -0.39 0.00	27.30 -0.08 0.00	28.53 -0.26 0.00	30.92 -0.15 0.00	31.85 -0.16 0.00	36.09 0.18 0.00	39.63 -0.65 0.03	43.75 -1.53 1.02	42.65 -1.10 0.44	39.50 -1.51 1.00	35.74 -1.94 0.37	32.55 -1.62 0.33	29.84 -1.18 0.03	26.90 -0.72 0.00
ORANGEVILLE___ESR 323794	25.99 -0.61 0.00	24.61 -0.71 0.00	22.06 -0.78 0.00	22.07 -0.82 0.00	22.16 -0.83 0.00	23.04 -0.76 0.00	23.47 -0.65 0.00	23.60 -0.58 0.00	24.06 -0.85 0.00	24.81 -0.20 0.00	25.50 -0.39 0.00	27.30 -0.08 0.00	28.53 -0.26 0.00	30.92 -0.15 0.00	31.85 -0.16 0.00	36.09 0.18 0.00	39.63 -0.65 0.03	43.75 -1.53 1.02	42.65 -1.10 0.44	39.50 -1.51 1.00	35.74 -1.94 0.37	32.55 -1.62 0.33	29.84 -1.18 0.03	26.90 -0.72 0.00
OSWEGATCHIE___HYD 24044	26.52 -0.08 0.00	25.29 -0.03 0.00	22.77 -0.07 0.00	22.82 -0.07 0.00	22.92 -0.07 0.00	23.76 -0.05 0.00	24.10 -0.02 0.00	24.23 0.05 0.00	24.91 0.00 0.00	25.01 0.00 0.00	25.76 -0.13 0.00	27.19 -0.19 0.00	28.53 -0.26 0.00	30.73 -0.34 0.00	31.59 -0.42 0.00	35.51 -0.39 0.00	39.98 -0.32 0.00	45.98 -0.32 0.00	44.02 -0.18 0.00	41.93 -0.08 0.00	37.90 -0.15 0.00	34.47 -0.03 0.00	30.96 -0.09 0.00	27.48 -0.14 0.00
OSWEGO___5 23606	26.23 -0.37 0.00	24.99 -0.33 0.00	22.49 -0.34 0.00	22.55 -0.34 0.00	22.66 -0.32 0.00	23.45 -0.36 0.00	23.78 -0.34 0.00	23.79 -0.39 0.00	24.41 -0.50 0.00	24.64 -0.37 0.00	25.34 -0.54 0.00	26.86 -0.52 0.00	28.22 -0.58 0.00	30.52 -0.56 0.00	31.46 -0.54 0.00	35.37 -0.54 0.00	39.73 -0.69 -0.11	49.39 -0.74 -3.83	45.21 -0.66 -1.67	45.09 -0.67 -3.75	38.76 -0.68 -1.39	35.12 -0.62 -1.24	30.60 -0.56 -0.11	27.12 -0.50 0.00



OSWEGO___6 23613	26.23 -0.37 0.00	24.99 -0.33 0.00	22.49 -0.34 0.00	22.55 -0.34 0.00	22.66 -0.32 0.00	23.45 -0.36 0.00	23.78 -0.34 0.00	23.79 -0.39 0.00	24.41 -0.50 0.00	24.64 -0.37 0.00	25.34 -0.54 0.00	26.86 -0.52 0.00	28.22 -0.58 0.00	30.52 -0.56 0.00	31.46 -0.54 0.00	35.37 -0.54 0.00	39.73 -0.69 -0.11	49.39 -0.74 -3.83	45.21 -0.66 -1.67	45.09 -0.67 -3.75	38.76 -0.68 -1.39	35.12 -0.62 -1.24	30.60 -0.56 -0.11	27.12 -0.50 0.00
OUTOKUMPU-AB___DRP 24206	25.81 -0.80 0.00	24.38 -0.94 0.00	21.85 -0.98 0.00	21.81 -1.08 0.00	21.91 -1.08 0.00	22.73 -1.07 0.00	23.23 -0.89 0.00	23.21 -0.97 0.00	23.66 -1.25 0.00	24.54 -0.48 0.00	25.14 -0.75 0.00	27.00 -0.38 0.00	28.16 -0.63 0.00	30.61 -0.47 0.00	31.43 -0.58 0.00	35.69 -0.22 0.00	39.11 -1.17 0.03	42.99 -2.13 1.19	41.92 -1.77 0.52	38.87 -1.97 1.16	35.37 -2.24 0.43	32.09 -2.04 0.38	29.37 -1.65 0.03	26.60 -1.02 0.00
OXBOW___BTM 323836	25.51 -1.09 0.00	24.13 -1.19 0.00	21.62 -1.21 0.00	21.58 -1.30 0.00	21.70 -1.29 0.00	22.57 -1.24 0.00	22.99 -1.13 0.00	22.90 -1.28 0.00	23.34 -1.57 0.00	24.21 -0.80 0.00	24.80 -1.09 0.00	26.64 -0.74 0.00	27.84 -0.95 0.00	30.17 -0.90 0.00	31.01 -0.99 0.00	35.25 -0.65 0.00	38.66 -1.61 0.03	42.56 -2.55 1.19	41.56 -2.12 0.52	38.45 -2.39 1.17	34.80 -2.82 0.43	31.77 -2.35 0.39	29.06 -1.96 0.03	26.32 -1.30 0.00
OXBOW____ 24026	25.51 -1.09 0.00	24.13 -1.19 0.00	21.63 -1.21 0.00	21.58 -1.30 0.00	21.70 -1.29 0.00	22.50 -1.31 0.00	22.99 -1.13 0.00	22.90 -1.28 0.00	23.34 -1.57 0.00	24.24 -0.78 0.00	24.77 -1.11 0.00	26.64 -0.74 0.00	27.79 -1.01 0.00	30.17 -0.90 0.00	30.98 -1.02 0.00	35.18 -0.72 0.00	38.62 -1.65 0.03	42.47 -2.64 1.19	41.43 -2.25 0.52	38.45 -2.39 1.17	34.99 -2.63 0.43	31.77 -2.35 0.39	29.00 -2.02 0.03	26.29 -1.33 0.00
OXY_CHEM_DSASP 323612	25.14 -1.46 0.00	23.80 -1.52 0.00	21.33 -1.51 0.00	21.29 -1.60 0.00	21.40 -1.59 0.00	22.19 -1.62 0.00	22.67 -1.45 0.00	22.51 -1.67 0.00	22.97 -1.94 0.00	23.84 -1.18 0.00	24.36 -1.53 0.01	26.17 -1.20 0.00	27.30 -1.50 0.00	29.58 -1.49 0.01	30.40 -1.60 0.01	34.50 -1.40 0.01	37.90 -2.38 0.03	41.76 -3.33 1.20	40.76 -2.92 0.52	37.85 -2.98 1.18	34.49 -3.12 0.44	31.29 -2.83 0.39	28.53 -2.48 0.03	25.88 -1.74 0.00
OZONE_PARK_ESR 323760	28.04 1.44 0.00	26.58 1.27 0.00	23.98 1.14 0.00	23.96 1.08 0.00	24.04 1.06 0.00	24.88 1.07 0.00	25.30 1.18 0.00	25.51 1.33 0.00	26.33 1.42 0.00	26.31 1.30 0.00	27.62 1.73 0.00	29.27 1.89 0.00	30.81 2.02 0.00	33.53 2.45 0.00	34.82 2.82 0.00	38.88 2.98 0.00	43.69 3.39 0.00	49.96 3.66 0.00	47.52 3.32 0.00	44.91 2.90 0.00	41.09 3.04 0.00	37.16 2.66 0.00	33.35 2.30 0.00	29.47 1.85 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	25.14 -1.46 0.00	23.80 -1.52 0.00	21.33 -1.51 0.00	21.29 -1.60 0.00	21.40 -1.59 0.00	22.19 -1.62 0.00	22.67 -1.45 0.00	22.51 -1.67 0.00	22.97 -1.94 0.00	23.84 -1.18 0.00	24.36 -1.53 0.01	26.17 -1.20 0.00	27.30 -1.50 0.00	29.58 -1.49 0.01	30.40 -1.60 0.01	34.50 -1.40 0.01	37.90 -2.38 0.03	41.76 -3.33 1.20	40.76 -2.92 0.52	37.85 -2.98 1.18	34.49 -3.12 0.44	31.29 -2.83 0.39	28.53 -2.48 0.03	25.88 -1.74 0.00
PACKARD___115KV_DUPONT_184 80571	25.14 -1.46 0.00	23.80 -1.52 0.00	21.33 -1.51 0.00	21.29 -1.60 0.00	21.40 -1.59 0.00	22.19 -1.62 0.00	22.67 -1.45 0.00	22.51 -1.67 0.00	22.97 -1.94 0.00	23.84 -1.18 0.00	24.36 -1.53 0.01	26.17 -1.20 0.00	27.30 -1.50 0.00	29.58 -1.49 0.01	30.40 -1.60 0.01	34.50 -1.40 0.01	37.90 -2.38 0.03	41.76 -3.33 1.20	40.76 -2.92 0.52	37.85 -2.98 1.18	34.49 -3.12 0.44	31.29 -2.83 0.39	28.53 -2.48 0.03	25.88 -1.74 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	27.85 1.25 0.00	26.45 1.14 0.00	23.91 1.07 0.00	23.85 0.96 0.00	23.95 0.97 0.00	24.73 0.93 0.00	25.09 0.96 0.00	25.27 1.09 0.00	26.03 1.12 0.00	26.01 1.00 0.00	27.34 1.45 0.00	28.94 1.56 0.00	30.49 1.70 0.00	33.22 2.14 0.00	34.53 2.53 0.00	38.42 2.51 0.00	43.09 2.78 0.00	49.17 2.87 0.00	46.76 2.56 0.00	44.24 2.23 0.00	40.60 2.55 0.00	36.75 2.24 0.00	33.10 2.05 0.00	29.27 1.66 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	28.09 1.49 0.00	26.68 1.37 0.00	24.14 1.30 0.00	24.08 1.19 0.00	24.16 1.17 0.00	24.95 1.14 0.00	25.33 1.21 0.00	25.48 1.31 0.00	26.25 1.35 0.00	26.24 1.23 0.00	27.54 1.66 0.00	29.19 1.81 0.00	30.75 1.96 0.00	33.50 2.42 0.00	34.82 2.82 0.00	38.74 2.84 0.00	43.45 3.14 0.00	49.54 3.24 0.00	47.12 2.92 0.00	44.57 2.56 0.00	40.90 2.85 0.00	37.02 2.52 0.00	33.38 2.33 0.00	29.55 1.93 0.00
PATROON___115KV_TB1 80586	27.08 0.48 0.00	25.75 0.43 0.00	23.43 0.59 0.00	23.48 0.60 0.00	23.56 0.57 0.00	24.42 0.62 0.00	24.72 0.60 0.00	24.81 0.63 0.00	25.51 0.60 0.00	25.29 0.28 0.00	26.33 0.44 0.00	27.71 0.33 0.00	29.17 0.37 0.00	31.57 0.50 0.00	32.68 0.67 0.00	36.66 0.75 0.00	41.23 0.93 0.00	47.51 1.20 0.00	45.35 1.15 0.00	43.15 1.13 0.00	39.04 0.99 0.00	35.44 0.93 0.00	31.76 0.71 0.00	28.25 0.64 0.00
PATTRSNVILLE___SOLAR 323815	27.69 1.09 0.00	26.30 0.99 0.00	23.70 0.87 0.00	23.76 0.87 0.00	23.84 0.85 0.00	24.73 0.93 0.00	25.04 0.92 0.00	25.02 0.85 0.00	25.66 0.75 0.00	25.51 0.50 0.00	26.48 0.60 0.00	27.95 0.58 0.00	29.43 0.63 0.00	31.85 0.78 0.00	33.00 0.99 0.00	37.12 1.22 0.00	41.92 1.61 0.00	48.57 2.27 0.00	46.50 2.30 0.00	44.19 2.18 0.00	39.95 1.90 0.00	36.30 1.79 0.00	32.51 1.46 0.00	28.92 1.30 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	26.10 -0.51 0.00	24.63 -0.68 0.00	22.08 -0.75 0.00	22.06 -0.82 0.00	22.18 -0.80 0.00	23.00 -0.81 0.00	23.49 -0.63 0.00	24.03 -0.15 0.00	24.49 -0.42 0.00	25.34 0.33 0.00	26.03 0.13 -0.02	27.95 0.57 0.00	29.11 0.32 0.00	31.62 0.53 -0.02	32.44 0.42 -0.02	36.78 0.86 -0.02	39.75 -0.52 0.03	42.92 -2.27 1.11	41.68 -2.03 0.48	38.66 -2.27 1.09	35.13 -2.51 0.40	31.87 -2.28 0.36	29.78 -1.24 0.03	26.95 -0.66 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	27.88 1.28 0.00	26.40 1.09 0.00	23.84 1.00 0.00	23.85 0.96 0.00	23.93 0.94 0.00	24.78 0.98 0.00	25.11 0.99 0.00	25.24 1.06 0.00	26.01 1.10 0.00	25.99 0.98 0.00	27.29 1.40 0.00	28.88 1.51 0.00	30.46 1.67 0.00	33.10 2.02 0.00	34.37 2.37 0.00	38.52 2.62 0.00	43.37 3.06 0.00	49.64 3.33 0.00	47.25 3.05 0.00	44.78 2.77 0.00	40.75 2.70 0.00	36.89 2.38 0.00	33.04 1.99 0.00	29.22 1.60 0.00
PEEKSKILL____ 23653	27.53 0.93 0.00	26.10 0.79 0.00	23.57 0.73 0.00	23.57 0.69 0.00	23.65 0.67 0.00	24.47 0.67 0.00	24.87 0.75 0.00	25.00 0.82 0.00	25.76 0.85 0.00	25.76 0.75 0.00	27.03 1.14 0.00	28.58 1.20 0.00	30.06 1.27 0.00	32.66 1.58 0.00	33.93 1.92 0.00	37.88 1.97 0.00	42.64 2.34 0.00	48.89 2.59 0.00	46.50 2.30 0.00	44.03 2.02 0.00	40.10 2.05 0.00	36.33 1.83 0.00	32.60 1.55 0.00	28.89 1.27 0.00



PGE MADISON___WINDPWR 24146	29.21 2.61 0.00	27.64 2.33 0.00	24.73 1.89 0.00	24.79 1.90 0.00	24.85 1.86 0.00	25.83 2.02 0.00	26.19 2.07 0.00	26.57 2.39 0.00	26.90 1.99 0.00	27.26 2.25 0.00	27.91 2.02 0.00	29.49 2.11 0.00	30.75 1.96 0.00	33.56 2.49 0.00	34.82 2.82 0.00	39.20 3.30 0.00	43.88 3.59 0.01	50.43 4.45 0.32	48.74 4.68 0.14	46.15 4.45 0.31	41.70 3.77 0.12	38.06 3.66 0.10	34.21 3.17 0.01	30.21 2.60 0.00
PIERCEFIELD___HYD 23852	26.18 -0.43 0.00	25.04 -0.28 0.00	22.58 -0.25 0.00	22.61 -0.27 0.00	22.73 -0.25 0.00	23.59 -0.21 0.00	23.88 -0.24 0.00	23.98 -0.19 0.00	24.79 -0.12 0.00	24.89 -0.13 0.00	25.71 -0.18 0.00	27.13 -0.25 0.00	28.48 -0.32 0.00	30.55 -0.53 0.00	31.30 -0.70 0.00	35.15 -0.75 0.00	39.58 -0.73 0.00	45.42 -0.88 0.00	43.36 -0.84 0.00	41.34 -0.67 0.00	37.40 -0.65 0.00	33.92 -0.59 0.00	30.52 -0.53 0.00	27.23 -0.39 0.00
PINELAWN_CC_1 323563	28.33 1.73 0.00	26.76 1.44 0.00	24.11 1.28 0.00	24.05 1.17 0.00	24.11 1.13 0.00	24.97 1.17 0.00	25.49 1.37 0.00	25.53 1.35 0.00	26.40 1.49 0.00	26.36 1.35 0.00	29.23 1.92 -1.43	32.06 2.03 -2.65	33.03 2.16 -2.08	34.43 2.61 -0.74	34.98 2.98 0.00	38.71 2.80 0.00	43.41 3.10 0.00	49.82 3.52 0.00	52.00 3.32 -4.48	44.57 2.56 0.00	40.56 2.51 0.00	37.92 2.69 -0.73	33.80 2.51 -0.24	32.67 2.10 -2.95
PJM_GEN_HTP_PROXY 323702	27.83 1.22 0.00	26.38 1.06 0.00	23.79 0.96 0.00	23.78 0.89 0.00	23.88 0.90 0.00	24.69 0.88 0.00	25.11 0.99 0.00	25.31 1.14 0.00	26.11 1.20 0.00	26.09 1.07 0.00	27.39 1.50 0.00	28.99 1.61 0.00	30.52 1.73 0.00	33.19 2.11 0.00	34.47 2.46 0.00	38.45 2.55 0.00	43.21 2.90 0.00	49.40 3.10 0.00	47.03 2.83 0.00	44.49 2.48 0.00	40.64 2.59 0.00	36.82 2.31 0.00	33.01 1.96 0.00	29.22 1.60 0.00
PJM_GEN_KEystone 24065	25.64 -0.03 0.94	23.70 -0.15 1.46	21.67 -0.18 0.98	21.03 -0.23 1.63	21.16 -0.23 1.60	22.27 -0.21 1.32	24.00 -0.12 0.00	24.18 0.00 0.00	24.20 -0.10 0.61	25.11 0.10 0.00	26.15 0.26 0.00	27.79 0.41 0.00	29.11 0.32 0.00	31.57 0.50 0.00	32.68 0.67 0.00	36.28 0.79 0.41	40.86 0.56 0.01	45.95 0.23 0.58	44.21 0.22 0.21	41.02 -0.08 0.91	36.86 -0.15 1.04	31.89 -0.10 2.51	28.86 0.00 2.19	27.70 0.08 0.00
PJM_GEN_NEPTUNE_PROXY 323594	28.01 1.41 0.00	26.46 1.14 0.00	23.86 1.03 0.00	23.83 0.94 0.00	23.88 0.90 0.00	24.73 0.93 0.00	25.21 1.09 0.00	25.29 1.11 0.00	26.13 1.22 0.00	26.11 1.10 0.00	28.29 1.63 -0.77	30.53 1.73 -1.43	31.75 1.84 -1.12	33.68 2.21 -0.40	34.57 2.56 0.00	38.52 2.62 0.00	43.33 3.02 0.00	49.64 3.34 0.00	49.70 3.09 -2.41	44.53 2.52 0.00	40.48 2.44 0.00	37.41 2.52 -0.39	33.29 2.11 -0.13	30.97 1.77 -1.59
PJM_GEN_VFT_PROXY 323633	27.69 1.09 0.00	26.25 0.94 0.00	23.73 0.89 0.00	23.71 0.82 0.00	23.81 0.83 0.00	24.59 0.78 0.00	25.01 0.89 0.00	25.24 1.06 0.00	26.03 1.12 0.00	26.03 1.03 0.00	27.31 1.42 0.00	28.91 1.53 0.00	30.43 1.64 0.00	33.12 2.05 0.00	34.41 2.40 0.00	38.38 2.48 0.00	42.96 2.66 0.00	47.75 2.82 1.38	46.76 2.56 0.00	44.23 2.23 0.00	40.51 2.47 0.00	36.74 2.24 0.00	32.94 1.89 0.00	29.13 1.52 0.00
PLATSBURG_115KV_PMLD1 355749	27.67 1.06 0.00	26.53 1.22 0.00	23.91 1.07 0.00	23.94 1.05 0.00	24.11 1.13 0.00	25.04 1.24 0.00	25.37 1.25 0.00	25.51 1.33 0.00	26.30 1.39 0.00	26.44 1.43 0.00	27.34 1.45 0.00	28.83 1.45 0.00	30.41 1.61 0.00	32.60 1.52 0.00	33.45 1.44 0.00	37.59 1.69 0.00	42.40 2.10 0.00	48.48 2.18 0.00	46.19 1.99 0.00	43.94 1.93 0.00	39.61 1.56 0.00	35.68 1.17 0.00	32.07 1.02 0.00	28.67 1.05 0.00
PLEASANTVLY___LBMP 24000	27.51 0.90 0.00	26.10 0.78 0.00	23.57 0.73 0.00	23.57 0.69 0.00	23.68 0.69 0.00	24.49 0.69 0.00	24.87 0.75 0.00	25.00 0.82 0.00	25.73 0.82 0.00	25.69 0.68 0.00	26.90 1.01 0.00	28.45 1.07 0.00	29.94 1.15 0.00	32.50 1.43 0.00	33.73 1.73 0.00	37.73 1.83 0.00	42.44 2.14 0.00	48.66 2.36 0.00	46.28 2.08 0.00	43.94 1.93 0.00	39.99 1.94 0.00	36.23 1.73 0.00	32.51 1.46 0.00	28.80 1.19 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	27.75 1.14 0.00	26.30 0.99 0.00	23.73 0.89 0.00	23.74 0.85 0.00	23.81 0.83 0.00	24.66 0.86 0.00	25.04 0.92 0.00	25.19 1.02 0.00	25.96 1.05 0.00	25.94 0.93 0.00	27.21 1.32 0.00	28.78 1.40 0.00	30.32 1.53 0.00	32.91 1.83 0.00	34.18 2.18 0.00	38.20 2.30 0.00	42.97 2.66 0.00	49.17 2.87 0.00	46.81 2.61 0.00	44.32 2.31 0.00	40.41 2.36 0.00	36.61 2.10 0.00	32.85 1.80 0.00	29.05 1.44 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	27.75 1.14 0.00	26.30 0.99 0.00	23.73 0.89 0.00	23.74 0.85 0.00	23.81 0.83 0.00	24.66 0.86 0.00	25.04 0.92 0.00	25.19 1.02 0.00	25.96 1.05 0.00	25.94 0.93 0.00	27.21 1.32 0.00	28.78 1.40 0.00	30.32 1.53 0.00	32.91 1.83 0.00	34.18 2.18 0.00	38.20 2.30 0.00	42.97 2.66 0.00	49.17 2.87 0.00	46.81 2.61 0.00	44.32 2.31 0.00	40.41 2.36 0.00	36.61 2.10 0.00	32.85 1.80 0.00	29.05 1.44 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	27.64 1.04 0.00	26.20 0.89 0.00	23.66 0.82 0.00	23.67 0.78 0.00	23.77 0.78 0.00	24.59 0.79 0.00	24.96 0.84 0.00	25.07 0.89 0.00	25.81 0.90 0.00	25.76 0.75 0.00	26.98 1.09 0.00	28.53 1.15 0.00	30.09 1.30 0.00	32.66 1.58 0.00	33.93 1.92 0.00	37.95 2.05 0.00	42.77 2.46 0.00	49.03 2.73 0.00	46.72 2.52 0.00	44.32 2.31 0.00	40.29 2.24 0.00	36.47 1.97 0.00	32.69 1.65 0.00	28.94 1.33 0.00
POLETTI___ 23519	27.80 1.20 0.00	26.35 1.04 0.00	23.80 0.96 0.00	23.78 0.89 0.00	23.86 0.87 0.00	24.69 0.88 0.00	25.09 0.96 0.00	25.29 1.11 0.00	26.08 1.17 0.00	26.06 1.05 0.00	27.36 1.48 0.00	28.97 1.59 0.00	30.49 1.70 0.00	33.16 2.08 0.00	34.47 2.46 0.00	38.45 2.55 0.00	43.21 2.90 0.00	49.36 3.06 0.00	46.94 2.74 0.00	44.41 2.39 0.00	40.63 2.59 0.00	36.78 2.28 0.00	33.00 1.96 0.00	29.19 1.57 0.00
POMONA___ESR 323819	27.53 0.93 0.00	26.10 0.79 0.00	23.54 0.71 0.00	23.55 0.66 0.00	23.63 0.64 0.00	24.47 0.67 0.00	24.84 0.72 0.00	24.97 0.80 0.00	25.73 0.82 0.00	25.74 0.73 0.00	27.00 1.11 0.00	28.58 1.20 0.00	30.06 1.27 0.00	32.66 1.58 0.00	33.89 1.89 0.00	37.84 1.94 0.00	42.64 2.34 0.00	48.89 2.59 0.00	46.50 2.30 0.00	44.03 2.02 0.00	40.10 2.05 0.00	36.33 1.83 0.00	32.54 1.49 0.00	28.86 1.24 0.00
PORT_JEFF_3 23555	28.31 1.70 0.00	26.71 1.39 0.00	24.07 1.23 0.00	24.01 1.12 0.00	24.07 1.08 0.00	24.92 1.12 0.00	25.57 1.45 0.00	25.53 1.35 0.00	26.38 1.47 0.00	26.34 1.32 0.00	29.23 1.92 -1.43	31.98 1.94 -2.65	32.97 2.10 -2.08	34.36 2.55 -0.74	34.98 2.98 0.00	39.10 3.19 0.00	44.10 3.79 0.00	50.47 4.17 0.00	52.61 3.93 -4.48	45.25 3.24 0.00	40.90 2.85 0.00	38.20 2.97 -0.73	33.71 2.42 -0.24	32.58 2.01 -2.95



PORT_JEFF_4 23616	28.31 1.70 0.00	26.71 1.39 0.00	24.07 1.23 0.00	24.01 1.12 0.00	24.07 1.08 0.00	24.92 1.12 0.00	25.57 1.45 0.00	25.53 1.35 0.00	26.38 1.47 0.00	26.34 1.32 0.00	29.23 1.92 -1.43	31.98 1.94 -2.65	32.97 2.10 -2.08	34.36 2.55 -0.74	34.98 2.98 0.00	39.10 3.19 0.00	44.10 3.79 0.00	50.47 4.17 0.00	52.61 3.93 -4.48	45.25 3.24 0.00	40.90 2.85 0.00	38.20 2.97 -0.73	33.71 2.42 -0.24	32.58 2.01 -2.95
PORT_JEFF_IC 23713	28.33 1.73 0.00	26.73 1.42 0.00	24.07 1.23 0.00	24.03 1.14 0.00	24.09 1.10 0.00	24.95 1.14 0.00	25.59 1.47 0.00	25.53 1.35 0.00	26.40 1.49 0.00	26.36 1.35 0.00	29.25 1.94 -1.42	32.00 1.97 -2.65	33.02 2.16 -2.07	34.42 2.61 -0.73	35.05 3.04 0.00	39.24 3.34 0.00	44.38 4.07 0.00	50.52 4.21 0.00	52.47 3.80 -4.47	45.29 3.28 0.00	41.09 3.04 0.00	38.26 3.04 -0.72	33.80 2.51 -0.23	32.61 2.04 -2.94
PPL_PILGRIM_ST_GT1 24216	28.49 1.89 0.00	26.86 1.54 0.00	24.23 1.39 0.00	24.17 1.28 0.00	24.20 1.22 0.00	25.07 1.26 0.00	25.64 1.52 0.00	25.63 1.45 0.00	26.51 1.60 0.00	26.49 1.48 0.00	29.36 2.04 -1.43	32.17 2.14 -2.65	33.14 2.27 -2.08	34.55 2.74 -0.74	35.14 3.14 0.00	39.20 3.30 0.00	44.22 3.91 0.00	50.75 4.45 0.00	52.83 4.15 -4.48	45.37 3.36 0.00	41.09 3.04 0.00	38.34 3.11 -0.73	33.90 2.61 -0.24	32.78 2.21 -2.95
PPL_PILGRIM_ST_GT2 24217	28.49 1.89 0.00	26.86 1.54 0.00	24.23 1.39 0.00	24.17 1.28 0.00	24.20 1.22 0.00	25.07 1.26 0.00	25.64 1.52 0.00	25.63 1.45 0.00	26.51 1.60 0.00	26.49 1.48 0.00	29.36 2.04 -1.43	32.17 2.14 -2.65	33.14 2.27 -2.08	34.55 2.74 -0.74	35.14 3.14 0.00	39.20 3.30 0.00	44.22 3.91 0.00	50.75 4.45 0.00	52.83 4.15 -4.48	45.37 3.36 0.00	41.09 3.04 0.00	38.34 3.11 -0.73	33.90 2.61 -0.24	32.78 2.21 -2.95
PPL_SHRM_GT3 24213	28.12 1.52 0.00	26.53 1.22 0.00	23.91 1.07 0.00	23.85 0.96 0.00	23.91 0.92 0.00	24.76 0.95 0.00	25.47 1.35 0.00	25.31 1.14 0.00	26.11 1.20 0.00	26.04 1.03 0.00	28.92 1.61 -1.43	31.65 1.61 -2.65	32.66 1.79 -2.08	34.08 2.27 -0.74	34.72 2.72 0.00	38.88 2.98 0.00	43.89 3.59 0.00	50.61 4.31 0.00	52.61 3.93 -4.48	45.04 3.03 0.00	40.67 2.62 0.00	37.96 2.73 -0.73	33.43 2.14 -0.24	32.31 1.74 -2.95
PPL_SHRM_GT4 24214	28.12 1.52 0.00	26.53 1.22 0.00	23.91 1.07 0.00	23.85 0.96 0.00	23.91 0.92 0.00	24.76 0.95 0.00	25.47 1.35 0.00	25.31 1.14 0.00	26.11 1.20 0.00	26.04 1.03 0.00	28.92 1.61 -1.43	31.65 1.61 -2.65	32.66 1.79 -2.08	34.08 2.27 -0.74	34.72 2.72 0.00	38.88 2.98 0.00	43.89 3.59 0.00	50.61 4.31 0.00	52.61 3.93 -4.48	45.04 3.03 0.00	40.67 2.62 0.00	37.96 2.73 -0.73	33.43 2.14 -0.24	32.31 1.74 -2.95
PROJECT___ORANGE 1 24174	26.55 -0.05 0.00	25.24 -0.08 0.00	22.72 -0.11 0.00	22.77 -0.11 0.00	22.89 -0.09 0.00	23.69 -0.12 0.00	24.02 -0.10 0.00	24.06 -0.12 0.00	24.66 -0.25 0.00	24.91 -0.10 0.00	25.63 -0.26 0.00	27.16 -0.22 0.00	28.56 -0.23 0.00	30.92 -0.16 0.00	31.91 -0.10 0.00	35.87 -0.04 0.00	40.13 -0.16 0.02	45.61 -0.14 0.55	43.87 -0.09 0.24	41.35 -0.13 0.54	37.69 -0.15 0.20	34.19 -0.14 0.18	30.88 -0.16 0.02	27.45 -0.17 0.00
PROJECT___ORANGE 2 24166	26.55 -0.05 0.00	25.24 -0.08 0.00	22.72 -0.11 0.00	22.77 -0.11 0.00	22.89 -0.09 0.00	23.69 -0.12 0.00	24.02 -0.10 0.00	24.06 -0.12 0.00	24.66 -0.25 0.00	24.91 -0.10 0.00	25.63 -0.26 0.00	27.16 -0.22 0.00	28.56 -0.23 0.00	30.92 -0.16 0.00	31.91 -0.10 0.00	35.87 -0.04 0.00	40.13 -0.16 0.02	45.61 -0.14 0.55	43.87 -0.09 0.24	41.35 -0.13 0.54	37.69 -0.15 0.20	34.19 -0.14 0.18	30.88 -0.16 0.02	27.45 -0.17 0.00
PUCKETT___SOLAR 323809	27.29 0.69 0.00	25.87 0.56 0.00	23.25 0.41 0.00	23.30 0.41 0.00	23.40 0.41 0.00	24.28 0.48 0.00	24.63 0.51 0.00	24.81 0.63 0.00	25.31 0.40 0.00	25.56 0.55 0.00	26.30 0.41 0.00	27.87 0.49 0.00	29.20 0.40 0.00	31.66 0.59 0.00	32.77 0.77 0.00	36.91 1.00 0.00	41.31 1.01 0.01	47.12 1.16 0.34	45.42 1.37 0.15	42.90 1.22 0.33	38.84 0.91 0.12	35.29 0.90 0.11	31.88 0.84 0.01	28.36 0.75 0.00
PYRITES___HYD 24023	26.50 -0.11 0.00	25.37 0.05 0.00	22.86 0.02 0.00	22.89 0.00 0.00	22.99 0.00 0.00	23.85 0.05 0.00	24.14 0.02 0.00	24.30 0.12 0.00	25.06 0.15 0.00	25.16 0.15 0.00	25.99 0.10 0.00	27.38 0.00 0.00	28.76 -0.03 0.00	30.86 -0.22 0.00	31.59 -0.42 0.00	35.47 -0.43 0.00	39.94 -0.36 0.00	45.89 -0.42 0.00	43.89 -0.31 0.00	41.84 -0.17 0.00	37.86 -0.19 0.00	34.33 -0.17 0.00	30.86 -0.19 0.00	27.53 -0.08 0.00
QUAKERRD_115KV_BK1 80622	25.67 -0.93 0.00	24.40 -0.91 0.00	21.88 -0.96 0.00	21.88 -1.01 0.00	21.98 -1.01 0.00	22.76 -1.05 0.00	23.18 -0.94 0.00	23.09 -1.09 0.00	23.61 -1.30 0.00	24.16 -0.85 0.00	24.77 -1.11 0.00	26.45 -0.93 0.00	27.76 -1.04 0.00	30.08 -0.99 0.00	30.95 -1.06 0.00	34.93 -0.97 0.00	39.06 -1.21 0.04	43.62 -1.39 1.30	42.49 -1.15 0.56	39.48 -1.26 1.27	36.21 -1.37 0.47	32.81 -1.28 0.42	29.68 -1.34 0.04	26.57 -1.05 0.00
QUENSBRY_115KV_TB8 356137	28.01 1.41 0.00	26.61 1.29 0.00	23.95 1.12 0.00	23.96 1.08 0.00	24.02 1.03 0.00	24.99 1.19 0.00	25.33 1.21 0.00	25.29 1.11 0.00	26.13 1.22 0.00	26.04 1.03 0.00	26.87 0.98 0.00	28.34 0.96 0.00	29.89 1.09 0.00	32.07 0.99 0.00	33.22 1.22 0.00	37.34 1.44 0.00	42.40 2.10 0.00	49.36 3.06 0.00	47.43 3.23 0.00	44.99 2.98 0.00	40.56 2.51 0.00	36.89 2.38 0.00	32.97 1.92 0.00	29.33 1.71 0.00
RAMAPO___LBMP 323565	27.43 0.82 0.00	26.00 0.68 0.00	23.48 0.64 0.00	23.48 0.60 0.00	23.56 0.57 0.00	24.40 0.60 0.00	24.77 0.65 0.00	24.90 0.73 0.00	25.66 0.75 0.00	25.64 0.63 0.00	26.92 1.04 0.00	28.47 1.10 0.00	29.94 1.15 0.00	32.50 1.43 0.00	33.73 1.73 0.00	37.70 1.80 0.00	42.44 2.14 0.00	48.66 2.36 0.00	46.28 2.08 0.00	43.82 1.81 0.00	39.91 1.86 0.00	36.16 1.66 0.00	32.45 1.40 0.00	28.72 1.10 0.00
RANKINE____ 23646	25.99 -0.61 0.00	24.56 -0.76 0.00	22.01 -0.82 0.00	22.00 -0.89 0.00	22.09 -0.90 0.00	22.92 -0.88 0.00	23.42 -0.70 0.00	23.60 -0.58 0.00	24.06 -0.85 0.00	24.91 -0.10 0.00	25.56 -0.34 0.00	27.43 0.05 0.00	28.59 -0.20 0.00	31.08 0.00 0.00	31.91 -0.10 0.00	36.19 0.29 0.00	39.51 -0.77 0.03	43.27 -1.90 1.13	42.07 -1.64 0.49	39.05 -1.85 1.11	35.50 -2.13 0.41	32.21 -1.93 0.37	29.65 -1.37 0.03	26.84 -0.77 0.00
RAVENSWOOD_GT2_1 24244	27.83 1.22 0.00	26.38 1.06 0.00	23.82 0.98 0.00	23.80 0.92 0.00	23.88 0.90 0.00	24.71 0.90 0.00	25.13 1.01 0.00	25.31 1.14 0.00	26.11 1.20 0.00	26.09 1.08 0.00	27.39 1.50 0.00	28.99 1.62 0.00	30.52 1.73 0.00	33.19 2.11 0.00	34.50 2.50 0.00	38.49 2.59 0.00	43.25 2.94 0.00	49.40 3.10 0.00	47.03 2.83 0.00	44.49 2.48 0.00	40.67 2.63 0.00	36.82 2.31 0.00	33.04 1.99 0.00	29.22 1.60 0.00



RAVENSWOOD_GT2_2 24245	27.83 1.22 0.00	26.38 1.06 0.00	23.82 0.98 0.00	23.80 0.92 0.00	23.88 0.90 0.00	24.71 0.90 0.00	25.13 1.01 0.00	25.31 1.14 0.00	26.11 1.20 0.00	26.09 1.08 0.00	27.39 1.50 0.00	28.99 1.62 0.00	30.52 1.73 0.00	33.19 2.11 0.00	34.50 2.50 0.00	38.49 2.59 0.00	43.25 2.94 0.00	49.40 3.10 0.00	47.03 2.83 0.00	44.49 2.48 0.00	40.67 2.63 0.00	36.82 2.31 0.00	33.04 1.99 0.00	29.22 1.60 0.00
RAVENSWOOD_GT2_3 24246	27.83 1.22 0.00	26.38 1.06 0.00	23.82 0.98 0.00	23.80 0.92 0.00	23.91 0.92 0.00	24.71 0.90 0.00	25.13 1.01 0.00	25.34 1.16 0.00	26.11 1.20 0.00	26.11 1.10 0.00	27.42 1.53 0.00	28.99 1.62 0.00	30.55 1.76 0.00	33.22 2.14 0.00	34.50 2.50 0.00	38.52 2.62 0.00	43.29 2.98 0.00	49.45 3.15 0.00	47.03 2.83 0.00	44.49 2.48 0.00	40.71 2.66 0.00	36.85 2.35 0.00	33.07 2.02 0.00	29.25 1.63 0.00
RAVENSWOOD_GT2_4 24247	27.83 1.22 0.00	26.38 1.06 0.00	23.82 0.98 0.00	23.80 0.92 0.00	23.91 0.92 0.00	24.71 0.90 0.00	25.13 1.01 0.00	25.34 1.16 0.00	26.11 1.20 0.00	26.11 1.10 0.00	27.42 1.53 0.00	28.99 1.62 0.00	30.55 1.76 0.00	33.22 2.14 0.00	34.50 2.50 0.00	38.52 2.62 0.00	43.29 2.98 0.00	49.45 3.15 0.00	47.03 2.83 0.00	44.49 2.48 0.00	40.71 2.66 0.00	36.85 2.35 0.00	33.07 2.02 0.00	29.25 1.63 0.00
RAVENSWOOD_GT3_1 24248	27.83 1.22 0.00	26.38 1.06 0.00	23.82 0.98 0.00	23.80 0.92 0.00	23.88 0.90 0.00	24.71 0.90 0.00	25.13 1.01 0.00	25.31 1.14 0.00	26.11 1.20 0.00	26.09 1.08 0.00	27.39 1.50 0.00	28.99 1.62 0.00	30.52 1.73 0.00	33.19 2.11 0.00	34.50 2.50 0.00	38.49 2.59 0.00	43.25 2.94 0.00	49.45 3.15 0.00	47.03 2.83 0.00	44.49 2.48 0.00	40.67 2.63 0.00	36.82 2.31 0.00	33.07 2.02 0.00	29.22 1.60 0.00
RAVENSWOOD_GT3_2 24249	27.83 1.22 0.00	26.38 1.06 0.00	23.82 0.98 0.00	23.80 0.92 0.00	23.88 0.90 0.00	24.71 0.90 0.00	25.13 1.01 0.00	25.31 1.14 0.00	26.11 1.20 0.00	26.09 1.08 0.00	27.39 1.50 0.00	28.99 1.62 0.00	30.52 1.73 0.00	33.19 2.11 0.00	34.50 2.50 0.00	38.49 2.59 0.00	43.25 2.94 0.00	49.45 3.15 0.00	47.03 2.83 0.00	44.49 2.48 0.00	40.67 2.63 0.00	36.82 2.31 0.00	33.07 2.02 0.00	29.22 1.60 0.00
RAVENSWOOD_GT3_3 24250	27.85 1.25 0.00	26.40 1.09 0.00	23.84 1.00 0.00	23.83 0.94 0.00	23.91 0.92 0.00	24.73 0.93 0.00	25.16 1.04 0.00	25.36 1.18 0.00	26.13 1.22 0.00	26.14 1.13 0.00	27.44 1.55 0.00	29.05 1.67 0.00	30.58 1.79 0.00	33.25 2.18 0.00	34.53 2.53 0.00	38.56 2.66 0.00	43.33 3.02 0.00	49.50 3.19 0.00	47.07 2.87 0.00	44.53 2.52 0.00	40.75 2.70 0.00	36.89 2.38 0.00	33.10 2.05 0.00	29.27 1.66 0.00
RAVENSWOOD_GT3_4 24251	27.85 1.25 0.00	26.40 1.09 0.00	23.84 1.00 0.00	23.83 0.94 0.00	23.91 0.92 0.00	24.73 0.93 0.00	25.16 1.04 0.00	25.36 1.18 0.00	26.13 1.22 0.00	26.14 1.13 0.00	27.44 1.55 0.00	29.05 1.67 0.00	30.58 1.79 0.00	33.25 2.18 0.00	34.53 2.53 0.00	38.56 2.66 0.00	43.33 3.02 0.00	49.50 3.19 0.00	47.07 2.87 0.00	44.53 2.52 0.00	40.75 2.70 0.00	36.89 2.38 0.00	33.10 2.05 0.00	29.27 1.66 0.00
RAVENSWOOD_GT_1 23729	27.91 1.30 0.00	26.46 1.14 0.00	23.91 1.07 0.00	23.87 0.98 0.00	23.95 0.97 0.00	24.76 0.95 0.00	25.18 1.06 0.00	25.36 1.18 0.00	26.16 1.25 0.00	26.14 1.13 0.00	27.47 1.58 0.00	29.08 1.70 0.00	30.61 1.81 0.00	33.31 2.24 0.00	34.63 2.62 0.00	38.60 2.69 0.00	43.29 2.98 0.00	49.45 3.15 0.00	47.03 2.83 0.00	44.45 2.44 0.00	40.79 2.74 0.00	36.92 2.42 0.00	33.16 2.11 0.00	29.33 1.71 0.00
RAVENSWOOD_GT_10 24258	27.83 1.22 0.00	26.38 1.06 0.00	23.82 0.98 0.00	23.80 0.92 0.00	23.88 0.90 0.00	24.71 0.90 0.00	25.13 1.01 0.00	25.31 1.14 0.00	26.11 1.20 0.00	26.09 1.08 0.00	27.39 1.50 0.00	28.99 1.62 0.00	30.52 1.73 0.00	33.19 2.11 0.00	34.50 2.50 0.00	38.49 2.59 0.00	43.25 2.94 0.00	49.45 3.15 0.00	47.03 2.83 0.00	44.49 2.48 0.00	40.67 2.63 0.00	36.82 2.31 0.00	33.04 1.99 0.00	29.22 1.60 0.00
RAVENSWOOD_GT_11 24259	27.83 1.22 0.00	26.38 1.06 0.00	23.82 0.98 0.00	23.80 0.92 0.00	23.88 0.90 0.00	24.71 0.90 0.00	25.13 1.01 0.00	25.31 1.14 0.00	26.11 1.20 0.00	26.09 1.08 0.00	27.39 1.50 0.00	28.99 1.62 0.00	30.52 1.73 0.00	33.19 2.11 0.00	34.50 2.50 0.00	38.49 2.59 0.00	43.25 2.94 0.00	49.45 3.15 0.00	47.03 2.83 0.00	44.49 2.48 0.00	40.67 2.63 0.00	36.82 2.31 0.00	33.04 1.99 0.00	29.22 1.60 0.00
RAVENSWOOD_GT_4 24252	27.83 1.22 0.00	26.38 1.06 0.00	23.82 0.98 0.00	23.80 0.92 0.00	23.88 0.90 0.00	24.71 0.90 0.00	25.13 1.01 0.00	25.31 1.14 0.00	26.11 1.20 0.00	26.09 1.08 0.00	27.39 1.50 0.00	28.99 1.62 0.00	30.52 1.73 0.00	33.19 2.11 0.00	34.47 2.46 0.00	38.49 2.59 0.00	43.25 2.94 0.00	49.45 3.15 0.00	47.03 2.83 0.00	44.49 2.48 0.00	40.67 2.63 0.00	36.82 2.31 0.00	33.04 1.99 0.00	29.22 1.60 0.00
RAVENSWOOD_GT_5 24254	27.83 1.22 0.00	26.38 1.06 0.00	23.82 0.98 0.00	23.80 0.92 0.00	23.88 0.90 0.00	24.71 0.90 0.00	25.13 1.01 0.00	25.31 1.14 0.00	26.11 1.20 0.00	26.09 1.08 0.00	27.39 1.50 0.00	28.99 1.62 0.00	30.52 1.73 0.00	33.19 2.11 0.00	34.47 2.46 0.00	38.49 2.59 0.00	43.25 2.94 0.00	49.45 3.15 0.00	47.03 2.83 0.00	44.49 2.48 0.00	40.67 2.63 0.00	36.82 2.31 0.00	33.04 1.99 0.00	29.22 1.60 0.00
RAVENSWOOD_GT_6 24253	27.83 1.22 0.00	26.38 1.06 0.00	23.82 0.98 0.00	23.80 0.92 0.00	23.88 0.90 0.00	24.71 0.90 0.00	25.13 1.01 0.00	25.31 1.14 0.00	26.11 1.20 0.00	26.09 1.08 0.00	27.39 1.50 0.00	28.99 1.62 0.00	30.52 1.73 0.00	33.19 2.11 0.00	34.47 2.46 0.00	38.49 2.59 0.00	43.25 2.94 0.00	49.45 3.15 0.00	47.03 2.83 0.00	44.49 2.48 0.00	40.67 2.63 0.00	36.82 2.31 0.00	33.04 1.99 0.00	29.22 1.60 0.00
RAVENSWOOD_GT_7 24255	27.83 1.22 0.00	26.38 1.06 0.00	23.82 0.98 0.00	23.80 0.92 0.00	23.88 0.90 0.00	24.71 0.90 0.00	25.13 1.01 0.00	25.31 1.14 0.00	26.11 1.20 0.00	26.09 1.08 0.00	27.39 1.50 0.00	28.99 1.62 0.00	30.52 1.73 0.00	33.19 2.11 0.00	34.47 2.46 0.00	38.49 2.59 0.00	43.25 2.94 0.00	49.45 3.15 0.00	47.03 2.83 0.00	44.49 2.48 0.00	40.67 2.63 0.00	36.82 2.31 0.00	33.04 1.99 0.00	29.22 1.60 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	27.83 1.22 0.00	26.38 1.06 0.00	23.82 0.98 0.00	23.80 0.92 0.00	23.88 0.90 0.00	24.71 0.90 0.00	25.13 1.01 0.00	25.31 1.14 0.00	26.11 1.20 0.00	26.09 1.08 0.00	27.39 1.50 0.00	28.99 1.62 0.00	30.52 1.73 0.00	33.19 2.11 0.00	34.50 2.50 0.00	38.49 2.59 0.00	43.25 2.94 0.00	49.45 3.15 0.00	47.03 2.83 0.00	44.49 2.48 0.00	40.67 2.63 0.00	36.82 2.31 0.00	33.04 1.99 0.00	29.22 1.60 0.00



RAVENSWOOD_GT_9 24257	27.83 1.22 0.00	26.38 1.06 0.00	23.82 0.98 0.00	23.80 0.92 0.00	23.88 0.90 0.00	24.71 0.90 0.00	25.13 1.01 0.00	25.31 1.14 0.00	26.11 1.20 0.00	26.09 1.08 0.00	27.39 1.50 0.00	28.99 1.62 0.00	30.52 1.73 0.00	33.19 2.11 0.00	34.50 2.50 0.00	38.49 2.59 0.00	43.25 2.94 0.00	49.45 3.15 0.00	47.03 2.83 0.00	44.49 2.48 0.00	40.67 2.63 0.00	36.82 2.31 0.00	33.04 1.99 0.00	29.22 1.60 0.00
RAVENSWOOD___1 23533	27.88 1.28 0.00	26.43 1.11 0.00	23.89 1.05 0.00	23.85 0.96 0.00	23.93 0.94 0.00	24.73 0.93 0.00	25.16 1.04 0.00	25.36 1.18 0.00	26.15 1.24 0.00	26.16 1.15 0.00	27.44 1.55 0.00	29.05 1.67 0.00	30.58 1.79 0.00	33.28 2.21 0.00	34.60 2.59 0.00	38.52 2.62 0.00	43.25 2.94 0.00	49.40 3.10 0.00	46.99 2.79 0.00	44.45 2.44 0.00	40.75 2.70 0.00	36.88 2.38 0.00	33.10 2.05 0.00	29.30 1.68 0.00
RAVENSWOOD___2 23534	27.88 1.28 0.00	26.43 1.11 0.00	23.89 1.05 0.00	23.83 0.94 0.00	23.93 0.94 0.00	24.73 0.93 0.00	25.16 1.04 0.00	25.34 1.16 0.00	26.13 1.22 0.00	26.14 1.13 0.00	27.44 1.55 0.00	29.05 1.67 0.00	30.58 1.79 0.00	33.28 2.21 0.00	34.57 2.56 0.00	38.52 2.62 0.00	43.25 2.94 0.00	49.36 3.06 0.00	46.99 2.79 0.00	44.40 2.39 0.00	40.71 2.66 0.00	36.85 2.35 0.00	33.10 2.05 0.00	29.30 1.68 0.00
RAVENSWOOD___3 23535	27.83 1.22 0.00	26.38 1.06 0.00	23.82 0.98 0.00	23.80 0.92 0.00	23.88 0.90 0.00	24.71 0.90 0.00	25.13 1.01 0.00	25.31 1.14 0.00	26.11 1.20 0.00	26.11 1.10 0.00	27.39 1.50 0.00	28.99 1.61 0.00	30.52 1.73 0.00	33.19 2.11 0.00	34.50 2.50 0.00	38.45 2.55 0.00	43.21 2.90 0.00	49.40 3.10 0.00	47.03 2.83 0.00	44.49 2.48 0.00	40.67 2.62 0.00	36.82 2.31 0.00	33.04 1.99 0.00	29.25 1.63 0.00
RAVENSWOOD___4 23820	27.85 1.25 0.00	26.43 1.11 0.00	23.86 1.03 0.00	23.83 0.94 0.00	23.93 0.94 0.00	24.71 0.90 0.00	25.13 1.01 0.00	25.34 1.16 0.00	26.13 1.22 0.00	26.14 1.13 0.00	27.44 1.55 0.00	29.02 1.64 0.00	30.58 1.79 0.00	33.25 2.17 0.00	34.57 2.56 0.00	38.52 2.62 0.00	43.21 2.90 0.00	49.36 3.06 0.00	46.99 2.79 0.00	44.40 2.39 0.00	40.71 2.66 0.00	36.85 2.35 0.00	33.06 2.02 0.00	29.27 1.66 0.00
RCPL_TRUST___DRP 24196	27.88 1.28 0.00	26.43 1.11 0.00	23.86 1.03 0.00	23.85 0.96 0.00	23.93 0.94 0.00	24.76 0.95 0.00	25.18 1.06 0.00	25.39 1.21 0.00	26.16 1.25 0.00	26.16 1.15 0.00	27.47 1.58 0.00	29.08 1.70 0.00	30.61 1.81 0.00	33.28 2.21 0.00	34.57 2.56 0.00	38.60 2.69 0.00	43.37 3.06 0.00	49.59 3.29 0.00	47.16 2.96 0.00	44.62 2.60 0.00	40.75 2.70 0.00	36.92 2.42 0.00	33.13 2.08 0.00	29.27 1.66 0.00
RED___ROCHESTER 323720	26.23 -0.37 0.00	24.94 -0.38 0.00	22.33 -0.50 0.00	22.32 -0.57 0.00	22.39 -0.60 0.00	23.26 -0.55 0.00	23.66 -0.46 0.00	23.55 -0.63 0.00	24.06 -0.85 0.00	24.71 -0.30 0.00	25.32 -0.57 0.00	27.11 -0.27 0.00	28.45 -0.34 0.00	30.83 -0.25 0.00	31.72 -0.29 0.00	35.90 0.00 0.00	39.99 -0.28 0.04	44.68 -0.28 1.34	43.53 -0.09 0.58	40.41 -0.29 1.31	36.88 -0.68 0.49	33.52 -0.55 0.43	30.33 -0.68 0.04	27.20 -0.41 0.00
REGAN___SOLAR 323812	28.76 2.15 0.00	27.31 2.00 0.00	24.55 1.71 0.00	24.58 1.69 0.00	24.64 1.66 0.00	25.66 1.86 0.00	25.95 1.83 0.00	25.84 1.67 0.00	26.48 1.57 0.00	26.31 1.30 0.00	27.26 1.37 0.00	28.80 1.42 0.00	30.32 1.52 0.00	32.85 1.77 0.00	34.06 2.05 0.00	38.49 2.59 0.00	43.49 3.18 0.00	50.84 4.54 0.00	48.84 4.64 0.00	46.30 4.29 0.00	41.70 3.65 0.00	37.96 3.45 0.00	33.90 2.85 0.00	30.10 2.49 0.00
RENSSELAER___COGEN 23796	26.95 0.34 0.00	25.62 0.30 0.00	23.34 0.50 0.00	23.37 0.48 0.00	23.47 0.48 0.00	24.31 0.50 0.00	24.63 0.51 0.00	24.71 0.53 0.00	25.38 0.47 0.00	25.16 0.15 0.00	26.17 0.29 0.00	27.54 0.17 0.00	29.00 0.20 0.00	31.39 0.31 0.00	32.49 0.48 0.00	36.41 0.50 0.00	41.03 0.73 0.00	47.23 0.93 0.00	45.04 0.84 0.00	42.89 0.88 0.00	38.85 0.80 0.00	35.26 0.76 0.00	31.58 0.53 0.00	28.09 0.47 0.00
REPUBLIC_115KV_BARTNBRK 55605	29.50 2.90 0.00	28.02 2.71 0.00	25.14 2.31 0.00	25.13 2.24 0.00	25.15 2.16 0.00	26.26 2.45 0.00	26.58 2.46 0.00	26.55 2.37 0.00	27.55 2.64 0.00	27.46 2.45 0.00	28.35 2.46 0.00	29.87 2.49 0.00	31.50 2.71 0.00	33.81 2.73 0.00	35.08 3.07 0.00	39.46 3.55 0.00	44.78 4.47 0.00	52.37 6.07 0.00	50.43 6.23 0.00	47.81 5.80 0.00	42.92 4.87 0.00	39.09 4.59 0.00	34.84 3.79 0.00	30.99 3.37 0.00
REVERE_CPPR_DRP 24186	27.67 1.06 0.00	26.25 0.94 0.00	23.61 0.78 0.00	23.67 0.78 0.00	23.75 0.76 0.00	24.61 0.81 0.00	24.96 0.84 0.00	25.14 0.97 0.00	25.71 0.80 0.00	25.89 0.88 0.00	26.64 0.75 0.00	28.15 0.77 0.00	29.48 0.69 0.00	32.01 0.93 0.00	33.09 1.09 0.00	37.20 1.29 0.00	41.71 1.41 0.01	47.80 1.71 0.22	45.87 1.77 0.10	43.52 1.72 0.21	39.49 1.52 0.08	35.92 1.48 0.07	32.16 1.12 0.01	28.61 0.99 0.00
REYNOLDS_115KV_TB3 80639	27.16 0.56 0.00	25.82 0.51 0.00	23.43 0.59 0.00	23.48 0.60 0.00	23.56 0.57 0.00	24.42 0.62 0.00	24.72 0.60 0.00	24.83 0.65 0.00	25.51 0.60 0.00	25.31 0.30 0.00	26.35 0.47 0.00	27.76 0.38 0.00	29.22 0.43 0.00	31.60 0.53 0.00	32.74 0.74 0.00	36.69 0.79 0.00	41.32 1.01 0.00	47.51 1.20 0.00	45.31 1.11 0.00	43.19 1.18 0.00	39.07 1.03 0.00	35.47 0.97 0.00	31.82 0.78 0.00	28.28 0.66 0.00
RIVERBAY____ 323610	28.09 1.49 0.00	26.68 1.37 0.00	24.14 1.30 0.00	24.08 1.19 0.00	24.16 1.17 0.00	24.95 1.14 0.00	25.33 1.21 0.00	25.48 1.31 0.00	26.25 1.35 0.00	26.24 1.23 0.00	27.54 1.66 0.00	29.19 1.81 0.00	30.75 1.96 0.00	33.50 2.42 0.00	34.82 2.82 0.00	38.74 2.84 0.00	43.45 3.14 0.00	49.54 3.24 0.00	47.12 2.92 0.00	44.57 2.56 0.00	40.90 2.85 0.00	37.02 2.52 0.00	33.38 2.33 0.00	29.55 1.93 0.00
RIVERSDE_115KV_TB3 55908	27.08 0.48 0.00	25.75 0.43 0.00	23.41 0.57 0.00	23.44 0.55 0.00	23.54 0.55 0.00	24.40 0.60 0.00	24.70 0.58 0.00	24.78 0.60 0.00	25.46 0.55 0.00	25.26 0.25 0.00	26.30 0.41 0.00	27.68 0.30 0.00	29.14 0.35 0.00	31.54 0.47 0.00	32.65 0.64 0.00	36.59 0.68 0.00	41.19 0.89 0.00	47.41 1.11 0.00	45.22 1.02 0.00	43.10 1.09 0.00	39.00 0.95 0.00	35.40 0.90 0.00	31.73 0.68 0.00	28.20 0.58 0.00
ROARING___BROOK_WT_PWR 323790	26.31 -0.29 0.00	25.11 -0.20 0.00	22.65 -0.18 0.00	22.70 -0.18 0.00	22.80 -0.18 0.00	23.61 -0.19 0.00	23.93 -0.19 0.00	24.01 -0.17 0.00	24.81 -0.10 0.00	24.91 -0.10 0.00	25.78 -0.10 0.00	27.24 -0.14 0.00	28.65 -0.14 0.00	30.83 -0.25 0.00	31.62 -0.38 0.00	35.51 -0.39 0.00	39.86 -0.44 0.00	45.75 -0.55 0.00	43.67 -0.53 0.00	41.55 -0.46 0.00	37.59 -0.45 0.00	34.02 -0.48 0.00	30.64 -0.40 0.00	27.26 -0.36 0.00



ROCHESRG_115KV_T4 355643	26.02 -0.59 0.00	24.71 -0.61 0.00	22.15 -0.69 0.00	22.13 -0.76 0.00	22.23 -0.76 0.00	23.04 -0.76 0.00	23.47 -0.65 0.00	23.36 -0.82 0.00	23.86 -1.05 0.00	24.49 -0.53 0.00	25.09 -0.80 0.00	26.80 -0.57 0.00	28.10 -0.69 0.00	30.48 -0.59 0.00	31.36 -0.64 0.00	35.44 -0.47 0.00	39.50 -0.77 0.04	44.01 -0.93 1.36	42.99 -0.62 0.59	39.88 -0.80 1.34	36.56 -0.99 0.50	33.13 -0.93 0.44	29.99 -1.02 0.04	26.90 -0.72 0.00
ROCHESTER_9_IC 23652	26.12 -0.48 0.00	24.83 -0.48 0.00	22.24 -0.59 0.00	22.22 -0.66 0.00	22.32 -0.67 0.00	23.14 -0.67 0.00	23.57 -0.55 0.00	23.45 -0.73 0.00	23.99 -0.92 0.00	24.61 -0.40 0.00	25.22 -0.67 0.00	26.97 -0.41 0.00	28.27 -0.52 0.00	30.67 -0.40 0.00	31.56 -0.45 0.00	35.65 -0.25 0.00	39.79 -0.48 0.04	44.36 -0.60 1.34	43.31 -0.31 0.58	40.15 -0.55 1.31	36.80 -0.76 0.49	33.35 -0.72 0.43	30.17 -0.84 0.04	27.06 -0.55 0.00
ROCKVIEW_13_KV_LD 356306	27.85 1.25 0.00	26.40 1.09 0.00	23.82 0.98 0.00	23.83 0.94 0.00	23.91 0.92 0.00	24.73 0.93 0.00	25.13 1.01 0.00	25.29 1.11 0.00	26.08 1.17 0.00	26.06 1.05 0.00	27.36 1.48 0.00	28.97 1.59 0.00	30.49 1.70 0.00	33.16 2.08 0.00	34.44 2.43 0.00	38.45 2.55 0.00	43.25 2.94 0.00	49.50 3.19 0.00	47.07 2.87 0.00	44.53 2.52 0.00	40.63 2.59 0.00	36.82 2.31 0.00	33.04 1.99 0.00	29.22 1.60 0.00
ROME____115KV_TB2 80656	27.67 1.06 0.00	26.25 0.94 0.00	23.61 0.78 0.00	23.67 0.78 0.00	23.75 0.76 0.00	24.61 0.81 0.00	24.96 0.84 0.00	25.14 0.97 0.00	25.71 0.80 0.00	25.89 0.88 0.00	26.64 0.75 0.00	28.15 0.77 0.00	29.48 0.69 0.00	32.01 0.93 0.00	33.09 1.09 0.00	37.20 1.29 0.00	41.71 1.41 0.01	47.80 1.71 0.22	45.87 1.77 0.10	43.52 1.72 0.21	39.49 1.52 0.08	35.92 1.48 0.07	32.16 1.12 0.01	28.61 0.99 0.00
ROSETON____1 23587	27.45 0.85 0.00	26.05 0.73 0.00	23.52 0.68 0.00	23.53 0.64 0.00	23.63 0.64 0.00	24.45 0.64 0.00	24.82 0.70 0.00	24.95 0.77 0.00	25.68 0.77 0.00	25.66 0.65 0.00	26.87 0.98 0.00	28.42 1.04 0.00	29.91 1.12 0.00	32.47 1.40 0.00	33.70 1.70 0.00	37.66 1.76 0.00	42.36 2.05 0.00	48.57 2.27 0.00	46.23 2.03 0.00	43.86 1.85 0.00	39.91 1.86 0.00	36.16 1.66 0.00	32.41 1.36 0.00	28.75 1.13 0.00
ROSETON____2 23588	27.45 0.85 0.00	26.05 0.73 0.00	23.52 0.68 0.00	23.53 0.64 0.00	23.63 0.64 0.00	24.45 0.64 0.00	24.82 0.70 0.00	24.95 0.77 0.00	25.68 0.77 0.00	25.66 0.65 0.00	26.87 0.98 0.00	28.42 1.04 0.00	29.91 1.12 0.00	32.47 1.40 0.00	33.70 1.70 0.00	37.66 1.76 0.00	42.36 2.05 0.00	48.57 2.27 0.00	46.23 2.03 0.00	43.86 1.85 0.00	39.91 1.86 0.00	36.16 1.66 0.00	32.41 1.36 0.00	28.75 1.13 0.00
ROTRDAM_115KV_TB3 80664	27.40 0.80 0.00	26.02 0.71 0.00	23.48 0.64 0.00	23.53 0.64 0.00	23.61 0.62 0.00	24.47 0.67 0.00	24.80 0.68 0.00	24.83 0.65 0.00	25.53 0.62 0.00	25.46 0.45 0.00	26.46 0.57 0.00	27.95 0.57 0.00	29.43 0.63 0.00	31.82 0.75 0.00	32.93 0.93 0.00	36.94 1.04 0.00	41.64 1.33 0.00	47.97 1.67 0.00	45.84 1.64 0.00	43.61 1.60 0.00	39.45 1.41 0.00	35.82 1.31 0.00	32.13 1.09 0.00	28.56 0.94 0.00
RUSSELL____1 23602	26.23 -0.37 0.00	24.94 -0.38 0.00	22.33 -0.50 0.00	22.32 -0.57 0.00	22.39 -0.60 0.00	23.21 -0.60 0.00	23.66 -0.46 0.00	23.55 -0.63 0.00	24.06 -0.85 0.00	24.71 -0.30 0.00	25.32 -0.57 0.00	27.11 -0.27 0.00	28.42 -0.37 0.00	30.83 -0.25 0.00	31.72 -0.29 0.00	35.87 -0.04 0.00	40.03 -0.24 0.04	44.64 -0.32 1.34	43.57 -0.04 0.58	40.40 -0.29 1.31	37.03 -0.53 0.49	33.52 -0.55 0.43	30.33 -0.68 0.04	27.18 -0.44 0.00
RUSSELL____2 23532	26.23 -0.37 0.00	24.94 -0.38 0.00	22.33 -0.50 0.00	22.32 -0.57 0.00	22.39 -0.60 0.00	23.21 -0.60 0.00	23.66 -0.46 0.00	23.55 -0.63 0.00	24.06 -0.85 0.00	24.71 -0.30 0.00	25.32 -0.57 0.00	27.11 -0.27 0.00	28.42 -0.37 0.00	30.83 -0.25 0.00	31.72 -0.29 0.00	35.87 -0.04 0.00	40.03 -0.24 0.04	44.64 -0.32 1.34	43.57 -0.04 0.58	40.40 -0.29 1.31	37.03 -0.53 0.49	33.52 -0.55 0.43	30.33 -0.68 0.04	27.18 -0.44 0.00
RUSSELL____3 23549	26.23 -0.37 0.00	24.94 -0.38 0.00	22.33 -0.50 0.00	22.32 -0.57 0.00	22.39 -0.60 0.00	23.21 -0.60 0.00	23.66 -0.46 0.00	23.55 -0.63 0.00	24.06 -0.85 0.00	24.71 -0.30 0.00	25.32 -0.57 0.00	27.11 -0.27 0.00	28.42 -0.37 0.00	30.83 -0.25 0.00	31.72 -0.29 0.00	35.87 -0.04 0.00	40.03 -0.24 0.04	44.64 -0.32 1.34	43.57 -0.04 0.58	40.40 -0.29 1.31	37.03 -0.53 0.49	33.52 -0.55 0.43	30.33 -0.68 0.04	27.18 -0.44 0.00
RUSSELL____4 23556	26.23 -0.37 0.00	24.94 -0.38 0.00	22.33 -0.50 0.00	22.32 -0.57 0.00	22.39 -0.60 0.00	23.21 -0.60 0.00	23.66 -0.46 0.00	23.55 -0.63 0.00	24.06 -0.85 0.00	24.71 -0.30 0.00	25.32 -0.57 0.00	27.11 -0.27 0.00	28.42 -0.37 0.00	30.83 -0.25 0.00	31.72 -0.29 0.00	35.87 -0.04 0.00	40.03 -0.24 0.04	44.64 -0.32 1.34	43.57 -0.04 0.58	40.40 -0.29 1.31	37.03 -0.53 0.49	33.52 -0.55 0.43	30.33 -0.68 0.04	27.18 -0.44 0.00
RUSSELL____STATION 23914	26.23 -0.37 0.00	24.94 -0.38 0.00	22.33 -0.50 0.00	22.32 -0.57 0.00	22.39 -0.60 0.00	23.21 -0.60 0.00	23.66 -0.46 0.00	23.55 -0.63 0.00	24.06 -0.85 0.00	24.71 -0.30 0.00	25.32 -0.57 0.00	27.11 -0.27 0.00	28.42 -0.37 0.00	30.83 -0.25 0.00	31.72 -0.29 0.00	35.87 -0.04 0.00	40.03 -0.24 0.04	44.64 -0.32 1.34	43.57 -0.04 0.58	40.40 -0.29 1.31	37.03 -0.53 0.49	33.52 -0.55 0.43	30.33 -0.68 0.04	27.18 -0.44 0.00
S SALMON____HYD 24043	26.58 -0.03 0.00	25.29 -0.03 0.00	22.75 -0.09 0.00	22.80 -0.09 0.00	22.90 -0.09 0.00	23.66 -0.14 0.00	24.02 -0.10 0.00	24.08 -0.10 0.00	24.66 -0.25 0.00	24.86 -0.15 0.00	25.55 -0.34 0.00	27.08 -0.30 0.00	28.45 -0.34 0.00	30.76 -0.31 0.00	31.75 -0.26 0.00	35.69 -0.21 0.00	39.92 -0.40 -0.01	46.45 -0.32 -0.47	44.23 -0.18 -0.20	42.30 -0.17 -0.46	37.95 -0.26 -0.17	34.59 -0.07 -0.15	30.97 -0.09 -0.01	27.48 -0.14 0.00
S.PERRY__115KV_TB1 80734	26.98 0.37 0.00	25.62 0.30 0.00	22.88 0.05 0.00	22.84 -0.05 0.00	22.96 -0.02 0.00	23.80 0.00 0.00	24.26 0.14 0.00	24.35 0.17 0.00	24.76 -0.15 0.00	25.36 0.35 0.00	25.89 0.00 0.00	27.63 0.25 0.00	28.94 0.14 0.00	31.42 0.34 0.00	32.39 0.38 0.00	36.80 0.90 0.00	41.08 0.81 0.03	46.22 0.97 1.05	45.11 1.37 0.46	41.99 1.01 1.03	38.20 0.53 0.38	34.55 0.38 0.34	31.33 0.31 0.03	28.03 0.41 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	25.70 -0.90 0.00	24.30 -1.01 0.00	21.79 -1.05 0.00	21.74 -1.14 0.00	21.86 -1.13 0.00	22.66 -1.14 0.00	23.18 -0.94 0.00	23.16 -1.02 0.00	23.61 -1.30 0.00	24.49 -0.53 0.00	25.06 -0.83 0.00	26.91 -0.47 0.00	28.07 -0.72 0.00	30.48 -0.59 0.00	31.30 -0.70 0.00	35.51 -0.39 0.00	38.94 -1.33 0.03	42.81 -2.32 1.18	41.74 -1.94 0.51	38.72 -2.14 1.15	35.26 -2.36 0.43	31.99 -2.14 0.38	29.28 -1.74 0.03	26.51 -1.10 0.00



SAWYER___23_KV_LOAD 55526	25.70 -0.90 0.00	24.30 -1.01 0.00	21.79 -1.05 0.00	21.74 -1.14 0.00	21.86 -1.13 0.00	22.66 -1.14 0.00	23.18 -0.94 0.00	23.16 -1.02 0.00	23.61 -1.30 0.00	24.49 -0.53 0.00	25.06 -0.83 0.00	26.91 -0.47 0.00	28.07 -0.72 0.00	30.48 -0.59 0.00	31.30 -0.70 0.00	35.51 -0.39 0.00	38.94 -1.33 0.03	42.81 -2.32 1.18	41.74 -1.94 0.51	38.72 -2.14 1.15	35.26 -2.36 0.43	31.99 -2.14 0.38	29.28 -1.74 0.03	26.51 -1.10 0.00
SELKIRK___I 23801	27.24 0.64 0.00	25.90 0.58 0.00	23.50 0.66 0.00	23.55 0.66 0.00	23.63 0.64 0.00	24.50 0.69 0.00	24.77 0.65 0.00	24.83 0.65 0.00	25.48 0.57 0.00	25.29 0.28 0.00	26.22 0.34 0.00	27.62 0.25 0.00	29.05 0.26 0.00	31.45 0.37 0.00	32.58 0.58 0.00	36.55 0.65 0.00	41.19 0.89 0.00	47.55 1.25 0.00	45.39 1.19 0.00	43.27 1.26 0.00	39.19 1.14 0.00	35.54 1.03 0.00	31.89 0.84 0.00	28.36 0.75 0.00
SELKIRK___II 23799	27.05 0.45 0.00	25.70 0.38 0.00	23.38 0.55 0.00	23.42 0.53 0.00	23.49 0.51 0.00	24.35 0.55 0.00	24.65 0.53 0.00	24.73 0.56 0.00	25.41 0.50 0.00	25.21 0.20 0.00	26.22 0.34 0.00	27.62 0.25 0.00	29.08 0.29 0.00	31.48 0.40 0.00	32.58 0.58 0.00	36.55 0.65 0.00	41.16 0.85 0.00	47.37 1.07 0.00	45.22 1.02 0.00	43.06 1.05 0.00	39.00 0.95 0.00	35.37 0.86 0.00	31.70 0.65 0.00	28.20 0.58 0.00
SENECA OSWGO___HYD 24041	26.42 -0.18 0.00	25.14 -0.18 0.00	22.63 -0.21 0.00	22.68 -0.21 0.00	22.78 -0.21 0.00	23.59 -0.21 0.00	23.90 -0.22 0.00	23.94 -0.24 0.00	24.54 -0.37 0.00	24.79 -0.23 0.00	25.47 -0.42 0.00	27.00 -0.38 0.00	28.39 -0.40 0.00	30.70 -0.37 0.00	31.68 -0.32 0.00	35.61 -0.29 0.00	39.93 -0.40 -0.03	46.88 -0.37 -0.95	44.35 -0.26 -0.42	42.61 -0.34 -0.93	38.05 -0.34 -0.35	34.50 -0.31 -0.31	30.76 -0.31 -0.03	27.31 -0.30 0.00
SENECA___115KV_TB3 355854	26.04 -0.56 0.00	24.61 -0.71 0.00	22.06 -0.78 0.00	22.02 -0.87 0.00	22.14 -0.85 0.00	22.95 -0.86 0.00	23.47 -0.65 0.00	23.62 -0.56 0.00	24.09 -0.82 0.00	24.96 -0.05 0.00	25.61 -0.28 0.00	27.49 0.11 0.00	28.65 -0.14 0.00	31.14 0.06 0.00	31.98 -0.03 0.00	36.27 0.36 0.00	39.59 -0.69 0.03	43.37 -1.81 1.13	42.16 -1.55 0.49	39.14 -1.76 1.11	35.58 -2.05 0.41	32.28 -1.86 0.37	29.71 -1.30 0.03	26.90 -0.72 0.00
SENECA___ENERGY 23797	26.50 -0.11 0.00	25.16 -0.15 0.00	22.61 -0.23 0.00	22.64 -0.25 0.00	22.76 -0.23 0.00	23.59 -0.21 0.00	23.95 -0.17 0.00	24.01 -0.17 0.00	24.56 -0.35 0.00	24.94 -0.07 0.00	25.63 -0.26 0.00	27.24 -0.14 0.00	28.59 -0.20 0.00	30.98 -0.09 0.00	32.01 0.00 0.00	36.01 0.11 0.00	40.22 -0.08 0.01	45.94 -0.05 0.32	44.20 0.13 0.14	41.62 -0.08 0.31	37.63 -0.31 0.11	34.20 -0.21 0.10	30.85 -0.19 0.01	27.48 -0.14 0.00
SHOEMAKER___GT 23640	27.32 0.72 0.00	25.92 0.61 0.00	23.41 0.57 0.00	23.42 0.53 0.00	23.52 0.53 0.00	24.33 0.52 0.00	24.68 0.56 0.00	24.78 0.60 0.00	25.53 0.62 0.00	25.54 0.53 0.00	26.69 0.80 0.00	28.23 0.85 0.00	29.71 0.92 0.00	32.26 1.18 0.00	33.45 1.44 0.00	37.41 1.51 0.00	42.16 1.86 0.00	48.39 2.09 0.00	46.06 1.86 0.00	43.69 1.68 0.00	39.72 1.67 0.00	35.95 1.45 0.00	32.26 1.21 0.00	28.61 0.99 0.00
SHOEMAKR_138KV_BK 111 55601	27.32 0.72 0.00	25.92 0.61 0.00	23.38 0.55 0.00	23.41 0.53 0.00	23.49 0.51 0.00	24.33 0.52 0.00	24.67 0.55 0.00	24.78 0.60 0.00	25.53 0.62 0.00	25.54 0.53 0.00	26.69 0.80 0.00	28.23 0.85 0.00	29.74 0.95 0.00	32.26 1.18 0.00	33.45 1.44 0.00	37.45 1.54 0.00	42.16 1.85 0.00	48.34 2.04 0.00	46.01 1.81 0.00	43.65 1.64 0.00	39.68 1.64 0.00	35.95 1.45 0.00	32.26 1.21 0.00	28.58 0.97 0.00
SHOREHAM_IC_1 23715	28.12 1.52 0.00	26.53 1.22 0.00	23.91 1.07 0.00	23.85 0.96 0.00	23.91 0.92 0.00	24.76 0.95 0.00	25.47 1.35 0.00	25.31 1.14 0.00	26.11 1.20 0.00	26.04 1.03 0.00	28.92 1.61 -1.43	31.65 1.61 -2.65	32.66 1.79 -2.08	34.08 2.27 -0.74	34.72 2.72 0.00	38.88 2.98 0.00	43.89 3.59 0.00	50.61 4.31 0.00	52.61 3.93 -4.48	45.04 3.03 0.00	40.67 2.62 0.00	37.96 2.73 -0.73	33.43 2.14 -0.24	32.31 1.74 -2.95
SHOREHAM_IC_2 23716	28.12 1.52 0.00	26.53 1.22 0.00	23.91 1.07 0.00	23.85 0.96 0.00	23.91 0.92 0.00	24.76 0.95 0.00	25.47 1.35 0.00	25.31 1.14 0.00	26.11 1.20 0.00	26.04 1.03 0.00	28.92 1.61 -1.43	31.65 1.61 -2.65	32.66 1.79 -2.08	34.08 2.27 -0.74	34.72 2.72 0.00	38.88 2.98 0.00	43.89 3.59 0.00	50.61 4.31 0.00	52.61 3.93 -4.48	45.04 3.03 0.00	40.67 2.62 0.00	37.96 2.73 -0.73	33.43 2.14 -0.24	32.31 1.74 -2.95
SISSONVILLE____ 23735	26.18 -0.43 0.00	25.04 -0.28 0.00	22.58 -0.25 0.00	22.61 -0.27 0.00	22.73 -0.25 0.00	23.59 -0.21 0.00	23.88 -0.24 0.00	23.98 -0.19 0.00	24.79 -0.12 0.00	24.89 -0.13 0.00	25.71 -0.18 0.00	27.13 -0.25 0.00	28.48 -0.32 0.00	30.55 -0.53 0.00	31.30 -0.70 0.00	35.15 -0.75 0.00	39.58 -0.73 0.00	45.42 -0.88 0.00	43.36 -0.84 0.00	41.34 -0.67 0.00	37.40 -0.65 0.00	33.92 -0.59 0.00	30.52 -0.53 0.00	27.23 -0.39 0.00
SITHE_IND_GS1 24169	26.10 -0.51 0.00	24.86 -0.45 0.00	22.40 -0.43 0.00	22.45 -0.44 0.00	22.55 -0.44 0.00	23.35 -0.45 0.00	23.66 -0.46 0.00	23.67 -0.51 0.00	24.29 -0.62 0.00	24.48 -0.53 0.00	25.16 -0.72 0.00	26.64 -0.74 0.00	28.02 -0.78 0.00	30.30 -0.78 0.00	31.24 -0.77 0.00	35.08 -0.82 0.00	39.05 -1.01 0.25	36.18 -1.11 9.01	39.26 -1.01 3.93	32.17 -1.01 8.83	33.82 -0.95 3.28	30.73 -0.86 2.91	29.99 -0.81 0.25	26.90 -0.72 0.00
SITHE_IND_GS2 24170	26.10 -0.51 0.00	24.86 -0.45 0.00	22.40 -0.43 0.00	22.45 -0.44 0.00	22.55 -0.44 0.00	23.35 -0.45 0.00	23.66 -0.46 0.00	23.67 -0.51 0.00	24.29 -0.62 0.00	24.48 -0.53 0.00	25.16 -0.72 0.00	26.64 -0.74 0.00	28.02 -0.78 0.00	30.30 -0.78 0.00	31.24 -0.77 0.00	35.08 -0.82 0.00	39.05 -1.01 0.25	36.18 -1.11 9.01	39.26 -1.01 3.93	32.17 -1.01 8.83	33.82 -0.95 3.28	30.73 -0.86 2.91	29.99 -0.81 0.25	26.90 -0.72 0.00
SITHE_IND_GS3 24171	26.10 -0.51 0.00	24.86 -0.45 0.00	22.40 -0.43 0.00	22.45 -0.44 0.00	22.55 -0.44 0.00	23.35 -0.45 0.00	23.66 -0.46 0.00	23.67 -0.51 0.00	24.29 -0.62 0.00	24.48 -0.53 0.00	25.16 -0.72 0.00	26.64 -0.74 0.00	28.02 -0.78 0.00	30.30 -0.78 0.00	31.24 -0.77 0.00	35.08 -0.82 0.00	39.05 -1.01 0.25	36.18 -1.11 9.01	39.26 -1.01 3.93	32.17 -1.01 8.83	33.82 -0.95 3.28	30.73 -0.86 2.91	29.99 -0.81 0.25	26.90 -0.72 0.00
SITHE_IND_GS4 24172	26.10 -0.51 0.00	24.86 -0.45 0.00	22.40 -0.43 0.00	22.45 -0.44 0.00	22.55 -0.44 0.00	23.35 -0.45 0.00	23.66 -0.46 0.00	23.67 -0.51 0.00	24.29 -0.62 0.00	24.48 -0.53 0.00	25.16 -0.72 0.00	26.64 -0.74 0.00	28.02 -0.78 0.00	30.30 -0.78 0.00	31.24 -0.77 0.00	35.08 -0.82 0.00	39.05 -1.01 0.25	36.18 -1.11 9.01	39.26 -1.01 3.93	32.17 -1.01 8.83	33.82 -0.95 3.28	30.73 -0.86 2.91	29.99 -0.81 0.25	26.90 -0.72 0.00



SITHE___BATAVIA 24024	26.20 -0.40 0.00	24.83 -0.48 0.00	22.20 -0.64 0.00	22.15 -0.73 0.00	22.25 -0.74 0.00	23.16 -0.64 0.00	23.57 -0.55 0.00	23.50 -0.68 0.00	23.96 -0.95 0.00	24.79 -0.23 0.00	25.37 -0.52 0.00	27.24 -0.14 0.00	28.53 -0.26 0.00	30.92 -0.15 0.00	31.78 -0.22 0.00	36.15 0.25 0.00	39.95 -0.32 0.03	44.31 -0.74 1.25	43.30 -0.36 0.54	40.07 -0.71 1.23	36.34 -1.25 0.45	33.07 -1.03 0.40	30.08 -0.93 0.03	27.12 -0.50 0.00
SITHE___INDEPEND 23800	26.10 -0.51 0.00	24.86 -0.46 0.00	22.40 -0.43 0.00	22.45 -0.43 0.00	22.55 -0.44 0.00	23.33 -0.48 0.00	23.66 -0.46 0.00	23.67 -0.51 0.00	24.29 -0.62 0.00	24.49 -0.53 0.00	25.16 -0.72 0.00	26.64 -0.74 0.00	28.02 -0.78 0.00	30.30 -0.78 0.00	31.24 -0.77 0.00	35.08 -0.83 0.00	39.05 -1.01 0.25	36.18 -1.11 9.01	39.26 -1.02 3.93	32.17 -1.01 8.83	33.82 -0.95 3.28	30.73 -0.86 2.91	29.99 -0.81 0.25	26.90 -0.72 0.00
SITHE___MASSENA 23902	26.39 -0.21 0.00	25.26 -0.05 0.00	22.79 -0.05 0.00	22.82 -0.07 0.00	22.94 -0.05 0.00	23.76 -0.05 0.00	24.07 -0.05 0.00	24.15 -0.02 0.00	24.96 0.05 0.00	25.06 0.05 0.00	25.91 0.03 0.00	27.35 -0.03 0.00	28.79 0.00 0.00	30.89 -0.19 0.00	31.62 -0.38 0.00	35.51 -0.39 0.00	39.90 -0.40 0.00	45.79 -0.51 0.00	43.72 -0.49 0.00	41.63 -0.38 0.00	37.67 -0.38 0.00	34.09 -0.41 0.00	30.74 -0.31 0.00	27.40 -0.22 0.00
SITHE___OGDNSBRG 24021	26.58 -0.03 0.00	25.44 0.13 0.00	22.93 0.09 0.00	22.96 0.07 0.00	23.08 0.09 0.00	23.95 0.14 0.00	24.22 0.10 0.00	24.37 0.19 0.00	25.13 0.22 0.00	25.24 0.23 0.00	26.04 0.16 0.00	27.46 0.08 0.00	28.85 0.06 0.00	30.95 -0.12 0.00	31.68 -0.32 0.00	35.58 -0.32 0.00	40.07 -0.24 0.00	46.02 -0.28 0.00	44.02 -0.18 0.00	41.97 -0.04 0.00	38.01 -0.04 0.00	34.44 -0.07 0.00	30.96 -0.09 0.00	27.62 0.00 0.00
SITHE___STERLING 23777	27.45 0.85 0.00	26.07 0.76 0.00	23.45 0.62 0.00	23.51 0.62 0.00	23.58 0.60 0.00	24.47 0.67 0.00	24.79 0.67 0.00	24.95 0.77 0.00	25.53 0.62 0.00	25.71 0.70 0.00	26.51 0.62 0.00	28.01 0.63 0.00	29.37 0.58 0.00	31.85 0.78 0.00	32.93 0.93 0.00	36.98 1.08 0.00	41.47 1.17 0.01	47.41 1.39 0.28	45.54 1.46 0.12	43.12 1.38 0.27	39.13 1.18 0.10	35.55 1.14 0.09	32.00 0.96 0.01	28.42 0.80 0.00
SLEIGHT__34_KV_TB1 80719	26.20 -0.40 0.00	24.89 -0.43 0.00	22.31 -0.53 0.00	22.32 -0.57 0.00	22.43 -0.55 0.00	23.23 -0.57 0.00	23.64 -0.48 0.00	23.60 -0.58 0.00	24.14 -0.77 0.00	24.66 -0.35 0.00	25.29 -0.60 0.00	26.94 -0.44 0.00	28.30 -0.49 0.00	30.70 -0.37 0.00	31.62 -0.38 0.00	35.69 -0.22 0.00	39.92 -0.36 0.03	44.91 -0.37 1.03	43.62 -0.13 0.45	40.67 -0.34 1.01	37.18 -0.49 0.37	33.66 -0.52 0.33	30.40 -0.62 0.03	27.15 -0.47 0.00
SOUTH CAIRO___GT 23612	27.88 1.28 0.00	26.48 1.16 0.00	24.09 1.26 0.00	24.10 1.21 0.00	24.18 1.20 0.00	25.09 1.29 0.00	25.37 1.25 0.00	25.31 1.14 0.00	26.06 1.15 0.00	25.69 0.68 0.00	26.59 0.70 0.00	27.93 0.55 0.00	29.54 0.75 0.00	31.95 0.87 0.00	33.25 1.25 0.00	37.48 1.58 0.00	42.60 2.30 0.00	49.50 3.19 0.00	47.47 3.27 0.00	45.20 3.19 0.00	40.67 2.63 0.00	36.71 2.21 0.00	32.85 1.80 0.00	29.11 1.49 0.00
SOUTH HAMPTN___IC 23720	28.52 1.92 0.00	26.91 1.60 0.00	24.25 1.42 0.00	24.19 1.30 0.00	24.23 1.24 0.00	25.11 1.31 0.00	25.78 1.66 0.00	25.65 1.48 0.00	26.51 1.60 0.00	26.49 1.48 0.00	29.41 2.10 -1.43	32.20 2.16 -2.65	33.26 2.39 -2.08	34.80 2.98 -0.74	35.49 3.49 0.00	39.75 3.84 0.00	44.90 4.59 0.00	51.67 5.37 0.00	53.72 5.04 -4.48	45.96 3.95 0.00	41.43 3.38 0.00	38.61 3.38 -0.73	33.93 2.64 -0.24	32.73 2.16 -2.95
SOUTHDOW_115KV_TB1 355954	27.03 0.43 0.00	25.52 0.20 0.00	22.86 0.02 0.00	22.84 -0.05 0.00	22.94 -0.05 0.00	23.85 0.05 0.00	24.36 0.24 0.00	24.90 0.73 0.00	25.36 0.45 0.00	26.26 1.25 0.00	27.06 1.16 0.00	29.02 1.64 0.00	30.20 1.41 0.00	32.94 1.86 0.00	33.80 1.79 0.00	38.35 2.44 0.00	41.69 1.41 0.03	45.53 0.28 1.05	44.05 0.31 0.46	40.82 -0.17 1.02	36.98 -0.68 0.38	33.51 -0.66 0.34	31.05 0.03 0.03	27.87 0.25 0.00
SOUTHOLD_69_KV_BK 2 55809	28.94 2.34 0.00	27.29 1.97 0.00	24.57 1.74 0.00	24.54 1.65 0.00	24.60 1.61 0.00	25.49 1.69 0.00	26.17 2.05 0.00	26.04 1.86 0.00	26.95 2.04 0.00	26.91 1.90 0.00	29.89 2.59 -1.42	32.76 2.74 -2.65	33.91 3.05 -2.07	35.57 3.76 -0.73	36.33 4.32 0.00	40.82 4.92 0.00	46.27 5.97 0.00	53.11 6.81 0.00	54.95 6.28 -4.47	47.01 5.00 0.00	42.38 4.34 0.00	39.36 4.14 -0.72	34.48 3.20 -0.23	33.10 2.54 -2.94
SOUTHOLD___IC 23719	28.94 2.34 0.00	27.29 1.98 0.00	24.62 1.78 0.00	24.54 1.65 0.00	24.60 1.61 0.00	25.49 1.69 0.00	26.17 2.05 0.00	26.04 1.86 0.00	26.95 2.04 0.00	26.94 1.93 0.00	29.90 2.59 -1.43	32.77 2.74 -2.65	33.89 3.02 -2.08	35.57 3.76 -0.74	36.32 4.32 0.00	40.75 4.84 0.00	46.07 5.76 0.00	53.01 6.71 0.00	55.09 6.41 -4.48	47.05 5.04 0.00	42.27 4.22 0.00	39.37 4.14 -0.73	34.46 3.17 -0.24	33.14 2.57 -2.95
SOUTH_FORK_WT_PWR 323839	28.94 2.34 0.00	27.29 1.98 0.00	24.62 1.78 0.00	24.56 1.67 0.00	24.62 1.63 0.00	25.52 1.71 0.00	26.19 2.07 0.00	26.06 1.89 0.00	27.00 2.09 0.00	26.96 1.95 0.00	29.96 2.64 -1.43	32.83 2.79 -2.65	33.95 3.08 -2.08	35.64 3.82 -0.74	36.39 4.38 0.00	40.82 4.92 0.00	46.15 5.84 0.00	53.11 6.81 0.00	55.13 6.45 -4.48	47.09 5.08 0.00	42.27 4.22 0.00	39.37 4.14 -0.73	34.42 3.13 -0.24	33.08 2.51 -2.95
SPIERFLS_115KV_TB 1 80737	27.83 1.22 0.00	26.43 1.11 0.00	23.80 0.96 0.00	23.83 0.94 0.00	23.88 0.90 0.00	24.83 1.02 0.00	25.16 1.04 0.00	25.14 0.97 0.00	25.96 1.05 0.00	25.86 0.85 0.00	26.69 0.80 0.00	28.15 0.77 0.00	29.66 0.86 0.00	31.82 0.75 0.00	32.97 0.96 0.00	37.02 1.11 0.00	42.08 1.77 0.00	48.94 2.64 0.00	47.03 2.83 0.00	44.66 2.65 0.00	40.25 2.21 0.00	36.61 2.10 0.00	32.72 1.68 0.00	29.14 1.52 0.00
ST LAWRENCE____ 23600	26.20 -0.40 0.00	25.06 -0.25 0.00	22.61 -0.23 0.00	22.66 -0.23 0.00	22.76 -0.23 0.00	23.57 -0.24 0.00	23.86 -0.26 0.00	23.94 -0.24 0.00	24.79 -0.12 0.00	24.86 -0.15 0.00	25.71 -0.18 0.00	27.16 -0.22 0.00	28.59 -0.20 0.00	30.67 -0.40 0.00	31.40 -0.61 0.00	35.22 -0.68 0.00	39.58 -0.72 0.00	45.42 -0.88 0.00	43.36 -0.84 0.00	41.26 -0.75 0.00	37.36 -0.68 0.00	33.82 -0.69 0.00	30.52 -0.53 0.00	27.17 -0.44 0.00
STATE_CA_115KV_115_LB 55624	27.08 0.48 0.00	25.75 0.43 0.00	23.43 0.59 0.00	23.48 0.60 0.00	23.56 0.57 0.00	24.42 0.62 0.00	24.72 0.60 0.00	24.81 0.63 0.00	25.51 0.60 0.00	25.29 0.28 0.00	26.33 0.44 0.00	27.71 0.33 0.00	29.17 0.37 0.00	31.57 0.50 0.00	32.71 0.70 0.00	36.66 0.75 0.00	41.23 0.93 0.00	47.51 1.20 0.00	45.35 1.15 0.00	43.15 1.13 0.00	39.04 0.99 0.00	35.44 0.93 0.00	31.76 0.71 0.00	28.25 0.64 0.00



STATE_ST_34_KV_LOAD 55959	26.71 0.11 0.00	25.39 0.08 0.00	22.81 -0.02 0.00	22.87 -0.02 0.00	22.96 -0.02 0.00	23.78 -0.02 0.00	24.14 0.02 0.00	24.18 0.00 0.00	24.76 -0.15 0.00	25.11 0.10 0.00	25.81 -0.08 0.00	27.38 0.00 0.00	28.79 0.00 0.00	31.17 0.09 0.00	32.17 0.16 0.00	36.23 0.32 0.00	40.55 0.24 0.00	46.72 0.42 0.00	44.73 0.53 0.00	42.39 0.38 0.00	38.28 0.23 0.00	34.64 0.14 0.00	31.14 0.09 0.00	27.67 0.06 0.00
STATION_5_MISC_HYD 23604	26.13 -0.48 0.00	24.83 -0.48 0.00	22.24 -0.59 0.00	22.22 -0.66 0.00	22.32 -0.67 0.00	23.19 -0.62 0.00	23.57 -0.55 0.00	23.45 -0.72 0.00	23.99 -0.92 0.00	24.61 -0.40 0.00	25.21 -0.67 0.00	26.97 -0.41 0.00	28.30 -0.49 0.00	30.67 -0.40 0.00	31.56 -0.45 0.00	35.69 -0.21 0.00	39.79 -0.48 0.04	44.41 -0.55 1.34	43.26 -0.36 0.58	40.19 -0.50 1.31	36.69 -0.87 0.49	33.35 -0.73 0.43	30.17 -0.84 0.04	27.07 -0.55 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	26.50 -0.11 0.00	25.19 -0.13 0.00	22.56 -0.27 0.00	22.57 -0.32 0.00	22.66 -0.32 0.00	23.50 -0.31 0.00	23.90 -0.22 0.00	23.89 -0.29 0.00	24.44 -0.47 0.00	24.99 -0.03 0.00	25.63 -0.26 0.00	27.32 -0.05 0.00	28.71 -0.09 0.00	31.14 0.06 0.00	32.07 0.06 0.00	36.19 0.29 0.00	40.44 0.16 0.03	45.48 0.19 1.01	44.16 0.40 0.44	41.15 0.13 0.99	37.57 -0.11 0.37	34.04 -0.14 0.33	30.77 -0.25 0.03	27.48 -0.14 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	26.02 -0.59 0.00	24.73 -0.58 0.00	22.17 -0.66 0.00	22.16 -0.73 0.00	22.25 -0.74 0.00	23.07 -0.74 0.00	23.49 -0.63 0.00	23.38 -0.80 0.00	23.91 -1.00 0.00	24.51 -0.50 0.00	25.14 -0.75 0.00	26.86 -0.52 0.00	28.19 -0.60 0.00	30.55 -0.53 0.00	31.43 -0.58 0.00	35.51 -0.39 0.00	39.67 -0.60 0.04	44.24 -0.74 1.32	43.14 -0.49 0.58	40.04 -0.67 1.29	36.69 -0.88 0.48	33.25 -0.83 0.43	30.08 -0.93 0.04	26.95 -0.66 0.00
STA_56___34_KV_BUS2 355983	26.02 -0.59 0.00	24.73 -0.58 0.00	22.17 -0.66 0.00	22.16 -0.73 0.00	22.25 -0.74 0.00	23.07 -0.74 0.00	23.49 -0.63 0.00	23.38 -0.80 0.00	23.91 -1.00 0.00	24.51 -0.50 0.00	25.14 -0.75 0.00	26.86 -0.52 0.00	28.19 -0.60 0.00	30.55 -0.53 0.00	31.43 -0.58 0.00	35.51 -0.39 0.00	39.67 -0.60 0.04	44.24 -0.74 1.32	43.14 -0.49 0.58	40.04 -0.67 1.29	36.69 -0.88 0.48	33.25 -0.83 0.43	30.08 -0.93 0.04	26.95 -0.66 0.00
STA_67___115KV_BK2 355882	26.10 -0.51 0.00	24.78 -0.53 0.00	22.22 -0.62 0.00	22.20 -0.69 0.00	22.30 -0.69 0.00	23.09 -0.71 0.00	23.54 -0.58 0.00	23.40 -0.77 0.00	23.94 -0.97 0.00	24.56 -0.45 0.00	25.16 -0.72 0.00	26.91 -0.47 0.00	28.22 -0.58 0.00	30.58 -0.50 0.00	31.46 -0.54 0.00	35.58 -0.32 0.00	39.67 -0.60 0.04	44.26 -0.69 1.34	43.17 -0.44 0.59	40.06 -0.63 1.32	36.72 -0.84 0.49	33.28 -0.79 0.43	30.11 -0.90 0.04	27.01 -0.61 0.00
STA_7___115KV_9TRANS 80674	26.23 -0.37 0.00	24.94 -0.38 0.00	22.33 -0.50 0.00	22.32 -0.57 0.00	22.39 -0.60 0.00	23.21 -0.60 0.00	23.66 -0.46 0.00	23.55 -0.63 0.00	24.06 -0.85 0.00	24.71 -0.30 0.00	25.32 -0.57 0.00	27.11 -0.27 0.00	28.42 -0.37 0.00	30.83 -0.25 0.00	31.72 -0.29 0.00	35.87 -0.04 0.00	40.03 -0.24 0.04	44.64 -0.32 1.34	43.57 -0.04 0.58	40.40 -0.29 1.31	37.03 -0.53 0.49	33.52 -0.55 0.43	30.33 -0.68 0.04	27.18 -0.44 0.00
STA_82___115KV_TB1 80780	26.10 -0.51 0.00	24.81 -0.51 0.00	22.22 -0.62 0.00	22.20 -0.69 0.00	22.30 -0.69 0.00	23.11 -0.69 0.00	23.54 -0.58 0.00	23.43 -0.75 0.00	23.94 -0.97 0.00	24.59 -0.43 0.00	25.19 -0.70 0.00	26.91 -0.47 0.00	28.22 -0.58 0.00	30.61 -0.47 0.00	31.49 -0.51 0.00	35.58 -0.32 0.00	39.71 -0.56 0.04	44.28 -0.69 1.33	43.23 -0.40 0.58	40.12 -0.59 1.30	36.73 -0.84 0.48	33.28 -0.79 0.43	30.11 -0.90 0.04	27.01 -0.61 0.00
STEEL___WIND 323596	26.02 -0.59 0.00	24.58 -0.73 0.00	22.04 -0.80 0.00	22.02 -0.87 0.00	22.11 -0.87 0.00	23.02 -0.78 0.00	23.44 -0.68 0.00	23.62 -0.56 0.00	24.06 -0.85 0.00	24.91 -0.10 0.00	25.58 -0.31 0.00	27.46 0.08 0.00	28.65 -0.14 0.00	31.11 0.03 0.00	31.95 -0.06 0.00	36.30 0.40 0.00	39.67 -0.60 0.03	43.36 -1.81 1.13	42.38 -1.32 0.49	39.10 -1.81 1.11	35.35 -2.28 0.41	32.24 -1.90 0.37	29.71 -1.30 0.03	26.87 -0.74 0.00
STEPHTWN_115KV_BK_2 55603	27.29 0.69 0.00	25.92 0.61 0.00	23.59 0.75 0.00	23.62 0.73 0.00	23.70 0.71 0.00	24.59 0.79 0.00	24.92 0.80 0.00	25.00 0.82 0.00	25.73 0.82 0.00	25.49 0.48 0.00	26.51 0.62 0.00	27.90 0.52 0.00	29.37 0.58 0.00	31.79 0.71 0.00	32.93 0.93 0.00	36.94 1.04 0.00	41.60 1.29 0.00	47.97 1.67 0.00	45.84 1.64 0.00	43.61 1.60 0.00	39.42 1.37 0.00	35.82 1.31 0.00	32.07 1.02 0.00	28.50 0.88 0.00
STEUBEN_REC_LFGE 323667	27.93 1.33 0.00	26.35 1.04 0.00	23.54 0.71 0.00	23.55 0.66 0.00	23.70 0.71 0.00	24.57 0.76 0.00	25.06 0.94 0.00	25.65 1.47 0.00	26.06 1.15 0.00	26.81 1.80 0.00	27.47 1.58 0.00	29.32 1.94 0.00	30.61 1.81 0.00	33.31 2.24 0.00	34.41 2.40 0.00	38.96 3.05 0.00	42.79 2.50 0.02	47.83 2.22 0.69	46.15 2.25 0.30	43.10 1.76 0.68	38.98 1.18 0.25	35.25 0.97 0.22	32.46 1.43 0.02	28.94 1.33 0.00
STILLWATER___SOLAR 323814	27.88 1.28 0.00	26.48 1.17 0.00	23.86 1.03 0.00	23.89 1.01 0.00	23.97 0.99 0.00	24.90 1.10 0.00	25.21 1.09 0.00	25.22 1.04 0.00	25.96 1.05 0.00	25.86 0.85 0.00	26.85 0.96 0.00	28.34 0.96 0.00	29.83 1.04 0.00	32.19 1.12 0.00	33.35 1.34 0.00	37.41 1.51 0.00	42.24 1.93 0.00	48.85 2.54 0.00	46.76 2.56 0.00	44.49 2.48 0.00	40.21 2.17 0.00	36.54 2.04 0.00	32.69 1.64 0.00	29.08 1.46 0.00
STONY___BROOK 24151	28.39 1.78 0.00	26.78 1.47 0.00	24.14 1.30 0.00	24.08 1.19 0.00	24.14 1.15 0.00	24.99 1.19 0.00	25.62 1.50 0.00	25.58 1.40 0.00	26.43 1.52 0.00	26.41 1.40 0.00	29.31 1.99 -1.43	32.09 2.05 -2.65	33.09 2.22 -2.08	34.52 2.70 -0.74	35.11 3.10 0.00	39.28 3.37 0.00	44.30 3.99 0.00	50.61 4.31 0.00	52.74 4.06 -4.48	45.41 3.40 0.00	41.09 3.04 0.00	38.37 3.14 -0.73	33.86 2.58 -0.24	32.70 2.13 -2.95
STURGEON_POOL_HYD 23609	27.45 0.85 0.00	26.02 0.71 0.00	23.45 0.62 0.00	23.46 0.57 0.00	23.56 0.57 0.00	24.35 0.55 0.00	24.72 0.60 0.00	24.83 0.65 0.00	25.58 0.67 0.00	25.64 0.63 0.00	26.90 1.01 0.00	28.47 1.10 0.00	30.03 1.24 0.00	32.63 1.55 0.00	33.93 1.92 0.00	37.91 2.01 0.00	42.69 2.38 0.00	48.85 2.55 0.00	46.50 2.30 0.00	44.07 2.06 0.00	40.14 2.09 0.00	36.27 1.76 0.00	32.57 1.52 0.00	28.80 1.19 0.00
ST_LAW_115_BK7_LBMP 345037	26.18 -0.43 0.00	25.04 -0.28 0.00	22.59 -0.25 0.00	22.64 -0.25 0.00	22.76 -0.23 0.00	23.54 -0.26 0.00	23.86 -0.26 0.00	23.94 -0.24 0.00	24.76 -0.15 0.00	24.84 -0.17 0.00	25.71 -0.18 0.00	27.13 -0.25 0.00	28.56 -0.23 0.00	30.64 -0.44 0.00	31.37 -0.64 0.00	35.19 -0.72 0.00	39.54 -0.77 0.00	45.38 -0.93 0.00	43.27 -0.93 0.00	41.21 -0.80 0.00	37.32 -0.72 0.00	33.78 -0.73 0.00	30.46 -0.59 0.00	27.15 -0.47 0.00



ST_LAW_115_BK8_LBMP 345038	26.18 -0.43 0.00	25.04 -0.28 0.00	22.59 -0.25 0.00	22.64 -0.25 0.00	22.76 -0.23 0.00	23.54 -0.26 0.00	23.86 -0.26 0.00	23.94 -0.24 0.00	24.76 -0.15 0.00	24.84 -0.17 0.00	25.71 -0.18 0.00	27.13 -0.25 0.00	28.56 -0.23 0.00	30.64 -0.44 0.00	31.37 -0.64 0.00	35.19 -0.72 0.00	39.54 -0.77 0.00	45.38 -0.93 0.00	43.27 -0.93 0.00	41.21 -0.80 0.00	37.32 -0.72 0.00	33.78 -0.73 0.00	30.46 -0.59 0.00	27.15 -0.47 0.00
ST_LAW_230_BK5_LBMP 345035	26.20 -0.40 0.00	25.06 -0.25 0.00	22.61 -0.23 0.00	22.66 -0.23 0.00	22.76 -0.23 0.00	23.57 -0.24 0.00	23.86 -0.26 0.00	23.94 -0.24 0.00	24.79 -0.12 0.00	24.86 -0.15 0.00	25.71 -0.18 0.00	27.16 -0.22 0.00	28.59 -0.20 0.00	30.67 -0.40 0.00	31.40 -0.61 0.00	35.22 -0.68 0.00	39.58 -0.72 0.00	45.42 -0.88 0.00	43.36 -0.84 0.00	41.26 -0.75 0.00	37.36 -0.68 0.00	33.82 -0.69 0.00	30.52 -0.53 0.00	27.17 -0.44 0.00
ST_LAW_230_BK6_LBMP 345036	26.20 -0.40 0.00	25.06 -0.25 0.00	22.61 -0.23 0.00	22.66 -0.23 0.00	22.76 -0.23 0.00	23.57 -0.24 0.00	23.86 -0.26 0.00	23.94 -0.24 0.00	24.79 -0.12 0.00	24.86 -0.15 0.00	25.71 -0.18 0.00	27.16 -0.22 0.00	28.59 -0.20 0.00	30.67 -0.40 0.00	31.40 -0.61 0.00	35.22 -0.68 0.00	39.58 -0.72 0.00	45.42 -0.88 0.00	43.36 -0.84 0.00	41.26 -0.75 0.00	37.36 -0.68 0.00	33.82 -0.69 0.00	30.52 -0.53 0.00	27.17 -0.44 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	27.40 0.80 0.00	25.97 0.66 0.00	23.45 0.62 0.00	23.46 0.57 0.00	23.54 0.55 0.00	24.38 0.57 0.00	24.75 0.63 0.00	24.85 0.68 0.00	25.61 0.70 0.00	25.61 0.60 0.00	26.82 0.93 0.00	28.36 0.99 0.00	29.86 1.07 0.00	32.41 1.34 0.00	33.64 1.63 0.00	37.63 1.72 0.00	42.36 2.06 0.00	48.57 2.27 0.00	46.23 2.03 0.00	43.82 1.81 0.00	39.87 1.83 0.00	36.09 1.59 0.00	32.38 1.34 0.00	28.69 1.08 0.00
SWANROAD_115KV_TB1 355699	25.14 -1.46 0.00	23.77 -1.54 0.00	21.33 -1.51 0.00	21.26 -1.63 0.00	21.38 -1.61 0.00	22.16 -1.64 0.00	22.65 -1.47 0.00	22.51 -1.67 0.00	22.94 -1.97 0.00	23.84 -1.18 0.00	24.36 -1.53 0.00	26.17 -1.20 0.00	27.30 -1.50 0.00	29.61 -1.46 0.00	30.40 -1.60 0.00	34.50 -1.40 0.00	37.90 -2.38 0.03	41.76 -3.33 1.21	40.76 -2.92 0.53	37.80 -3.02 1.18	34.45 -3.16 0.44	31.29 -2.83 0.39	28.53 -2.48 0.03	25.88 -1.74 0.00
SYNERGY___BIOGAS 323694	26.20 -0.40 0.00	24.83 -0.48 0.00	22.20 -0.64 0.00	22.15 -0.73 0.00	22.25 -0.74 0.00	23.16 -0.64 0.00	23.57 -0.55 0.00	23.50 -0.68 0.00	23.96 -0.95 0.00	24.79 -0.23 0.00	25.37 -0.52 0.00	27.24 -0.14 0.00	28.53 -0.26 0.00	30.92 -0.15 0.00	31.78 -0.22 0.00	36.15 0.25 0.00	39.95 -0.32 0.03	44.31 -0.74 1.25	43.30 -0.36 0.54	40.07 -0.71 1.23	36.34 -1.25 0.45	33.07 -1.03 0.40	30.08 -0.93 0.03	27.12 -0.50 0.00
SYRACUSE___ENERGY_ST1 323597	26.66 0.05 0.00	25.37 0.05 0.00	22.81 -0.02 0.00	22.87 -0.02 0.00	22.99 0.00 0.00	23.78 -0.02 0.00	24.12 0.00 0.00	24.15 -0.02 0.00	24.76 -0.15 0.00	25.01 0.00 0.00	25.73 -0.16 0.00	27.27 -0.11 0.00	28.68 -0.12 0.00	31.04 -0.03 0.00	32.07 0.06 0.00	36.05 0.14 0.00	40.35 0.04 0.00	46.39 0.09 0.00	44.38 0.18 0.00	42.10 0.08 0.00	38.08 0.04 0.00	34.54 0.03 0.00	31.05 0.00 0.00	27.59 -0.03 0.00
SYRACUSE___ENERGY_ST2 323598	26.66 0.05 0.00	25.37 0.05 0.00	22.81 -0.02 0.00	22.87 -0.02 0.00	22.99 0.00 0.00	23.78 -0.02 0.00	24.12 0.00 0.00	24.15 -0.02 0.00	24.76 -0.15 0.00	25.01 0.00 0.00	25.73 -0.16 0.00	27.27 -0.11 0.00	28.68 -0.12 0.00	31.04 -0.03 0.00	32.07 0.06 0.00	36.05 0.14 0.00	40.35 0.04 0.00	46.39 0.09 0.00	44.38 0.18 0.00	42.10 0.08 0.00	38.08 0.04 0.00	34.54 0.03 0.00	31.05 0.00 0.00	27.59 -0.03 0.00
SYRACUSE___POWER 24017	26.63 0.03 0.00	25.32 0.00 0.00	22.77 -0.07 0.00	22.82 -0.07 0.00	22.94 -0.05 0.00	23.73 -0.07 0.00	24.07 -0.05 0.00	24.13 -0.05 0.00	24.74 -0.17 0.00	24.99 -0.03 0.00	25.71 -0.18 0.00	27.24 -0.14 0.00	28.65 -0.14 0.00	31.01 -0.06 0.00	32.01 0.00 0.00	35.98 0.07 0.00	40.26 -0.04 0.01	45.90 0.00 0.40	44.11 0.09 0.18	41.62 0.00 0.40	37.90 0.00 0.15	34.34 -0.03 0.13	30.98 -0.06 0.01	27.53 -0.08 0.00
TALLMAN___138KV_BK151 55660	27.48 0.88 0.00	26.05 0.73 0.00	23.52 0.69 0.00	23.53 0.64 0.00	23.61 0.62 0.00	24.42 0.62 0.00	24.82 0.70 0.00	24.95 0.77 0.00	25.71 0.80 0.00	25.69 0.68 0.00	26.98 1.09 0.00	28.53 1.15 0.00	30.03 1.24 0.00	32.60 1.52 0.00	33.86 1.86 0.00	37.81 1.90 0.00	42.56 2.26 0.00	48.85 2.55 0.00	46.41 2.21 0.00	43.94 1.93 0.00	40.03 1.98 0.00	36.27 1.76 0.00	32.54 1.49 0.00	28.80 1.19 0.00
TEALLAVE_115KV_TB7 355573	26.55 -0.05 0.00	25.24 -0.08 0.00	22.72 -0.11 0.00	22.77 -0.11 0.00	22.87 -0.11 0.00	23.66 -0.14 0.00	24.02 -0.10 0.00	24.06 -0.12 0.00	24.64 -0.27 0.00	24.91 -0.10 0.00	25.63 -0.26 0.00	27.16 -0.22 0.00	28.53 -0.26 0.00	30.92 -0.16 0.00	31.91 -0.10 0.00	35.87 -0.04 0.00	40.09 -0.20 0.01	45.58 -0.19 0.54	43.88 -0.09 0.24	41.31 -0.17 0.53	37.70 -0.15 0.20	34.16 -0.17 0.17	30.85 -0.19 0.01	27.45 -0.17 0.00
TELGRAPH_34_KV_EAST 80808	25.81 -0.80 0.00	24.43 -0.89 0.00	21.88 -0.96 0.00	21.84 -1.05 0.00	21.93 -1.06 0.00	22.73 -1.07 0.00	23.23 -0.89 0.00	23.16 -1.02 0.00	23.61 -1.30 0.00	24.49 -0.53 0.00	25.03 -0.85 0.00	26.91 -0.47 0.00	28.10 -0.69 0.00	30.51 -0.56 0.00	31.33 -0.67 0.00	35.54 -0.36 0.00	39.19 -1.09 0.03	43.26 -1.81 1.23	42.25 -1.41 0.54	39.16 -1.64 1.21	35.70 -1.90 0.45	32.35 -1.76 0.40	29.46 -1.55 0.03	26.65 -0.97 0.00
TEMPLE___115KV_TB 2 55572	26.55 -0.05 0.00	25.24 -0.08 0.00	22.72 -0.11 0.00	22.77 -0.11 0.00	22.89 -0.09 0.00	23.69 -0.12 0.00	24.02 -0.10 0.00	24.06 -0.12 0.00	24.66 -0.25 0.00	24.91 -0.10 0.00	25.63 -0.26 0.00	27.16 -0.22 0.00	28.56 -0.23 0.00	30.92 -0.16 0.00	31.91 -0.10 0.00	35.87 -0.04 0.00	40.13 -0.16 0.02	45.61 -0.14 0.55	43.87 -0.09 0.24	41.35 -0.13 0.54	37.69 -0.15 0.20	34.19 -0.14 0.18	30.88 -0.16 0.02	27.45 -0.17 0.00
TIANA____69_KV_BK 1 55817	28.44 1.84 0.00	26.81 1.49 0.00	24.14 1.30 0.00	24.10 1.21 0.00	24.16 1.17 0.00	25.04 1.24 0.00	25.71 1.59 0.00	25.58 1.40 0.00	26.43 1.52 0.00	26.36 1.35 0.00	29.27 1.97 -1.42	32.05 2.03 -2.65	33.11 2.25 -2.07	34.60 2.80 -0.73	35.30 3.30 0.00	39.60 3.70 0.00	44.82 4.51 0.00	51.44 5.14 0.00	53.36 4.69 -4.47	45.71 3.70 0.00	41.36 3.31 0.00	38.47 3.24 -0.72	33.86 2.58 -0.23	32.63 2.07 -2.94
TILDEN___115KV_TB1 80814	26.63 0.03 0.00	25.32 0.00 0.00	22.77 -0.07 0.00	22.82 -0.07 0.00	22.94 -0.05 0.00	23.73 -0.07 0.00	24.07 -0.05 0.00	24.13 -0.05 0.00	24.74 -0.17 0.00	24.99 -0.03 0.00	25.71 -0.18 0.00	27.24 -0.14 0.00	28.65 -0.14 0.00	31.01 -0.06 0.00	32.01 0.00 0.00	35.98 0.07 0.00	40.26 -0.04 0.01	45.90 0.00 0.40	44.11 0.09 0.18	41.62 0.00 0.40	37.90 0.00 0.15	34.34 -0.03 0.13	30.98 -0.06 0.01	27.53 -0.08 0.00



TRIGEN___CC 323695	28.12 1.52 0.00	26.58 1.27 0.00	23.95 1.12 0.00	23.94 1.05 0.00	24.00 1.01 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.41 1.23 0.00	26.25 1.35 0.00	26.24 1.23 0.00	29.07 1.76 -1.42	31.91 1.89 -2.65	32.91 2.04 -2.07	34.23 2.42 -0.73	34.76 2.75 0.00	38.81 2.91 0.00	43.65 3.35 0.00	49.96 3.66 0.00	51.99 3.32 -4.47	44.74 2.73 0.00	40.79 2.74 0.00	37.88 2.66 -0.72	33.58 2.30 -0.23	32.47 1.91 -2.94
TRINITY___115KV___4 BK 55933	27.00 0.40 0.00	25.67 0.35 0.00	23.36 0.53 0.00	23.39 0.50 0.00	23.49 0.51 0.00	24.35 0.55 0.00	24.65 0.53 0.00	24.73 0.56 0.00	25.43 0.52 0.00	25.19 0.18 0.00	26.22 0.34 0.00	27.60 0.22 0.00	29.05 0.26 0.00	31.45 0.37 0.00	32.55 0.54 0.00	36.48 0.57 0.00	41.07 0.77 0.00	47.27 0.97 0.00	45.13 0.93 0.00	42.98 0.97 0.00	38.88 0.84 0.00	35.30 0.79 0.00	31.64 0.59 0.00	28.14 0.52 0.00
UNION___PROCESSING_DRP 323587	26.10 -0.51 0.00	24.81 -0.51 0.00	22.22 -0.62 0.00	22.20 -0.69 0.00	22.30 -0.69 0.00	23.11 -0.69 0.00	23.54 -0.58 0.00	23.43 -0.75 0.00	23.96 -0.95 0.00	24.59 -0.43 0.00	25.19 -0.70 0.00	26.91 -0.47 0.00	28.25 -0.55 0.00	30.61 -0.47 0.00	31.49 -0.51 0.00	35.58 -0.32 0.00	39.71 -0.56 0.04	44.33 -0.65 1.32	43.23 -0.40 0.57	40.13 -0.59 1.29	36.77 -0.80 0.48	33.29 -0.79 0.43	30.11 -0.90 0.04	27.01 -0.61 0.00
UPPER HUDSON___HYD 24058	27.83 1.22 0.00	26.43 1.11 0.00	23.79 0.96 0.00	23.83 0.94 0.00	23.88 0.90 0.00	24.83 1.02 0.00	25.16 1.04 0.00	25.15 0.97 0.00	25.96 1.05 0.00	25.86 0.85 0.00	26.69 0.80 0.00	28.14 0.77 0.00	29.66 0.86 0.00	31.82 0.74 0.00	32.96 0.96 0.00	37.02 1.11 0.00	42.08 1.77 0.00	48.94 2.64 0.00	47.03 2.83 0.00	44.66 2.65 0.00	40.25 2.21 0.00	36.61 2.11 0.00	32.72 1.68 0.00	29.14 1.52 0.00
UPPER RAQUET___HYD 24056	26.18 -0.43 0.00	25.04 -0.28 0.00	22.59 -0.25 0.00	22.61 -0.27 0.00	22.73 -0.25 0.00	23.54 -0.26 0.00	23.88 -0.24 0.00	23.98 -0.19 0.00	24.79 -0.12 0.00	24.89 -0.12 0.00	25.71 -0.18 0.00	27.13 -0.25 0.00	28.48 -0.32 0.00	30.55 -0.53 0.00	31.30 -0.70 0.00	35.15 -0.76 0.00	39.58 -0.72 0.00	45.42 -0.88 0.00	43.36 -0.84 0.00	41.34 -0.67 0.00	37.40 -0.65 0.00	33.92 -0.59 0.00	30.55 -0.50 0.00	27.17 -0.44 0.00
VALLEY44_115KV_TB2 355964	26.15 -0.45 0.00	24.71 -0.61 0.00	22.15 -0.69 0.00	22.16 -0.73 0.00	22.27 -0.71 0.00	23.09 -0.71 0.00	23.59 -0.53 0.00	24.30 0.12 0.00	24.76 -0.15 0.00	25.56 0.55 0.00	26.33 0.44 0.00	28.23 0.85 0.00	29.34 0.55 0.00	31.83 0.75 0.00	32.71 0.70 0.00	37.02 1.11 0.00	39.96 -0.32 0.03	43.25 -2.04 1.01	41.81 -1.94 0.44	38.83 -2.18 0.99	35.24 -2.43 0.37	31.97 -2.21 0.33	29.96 -1.06 0.03	27.06 -0.55 0.00
VALLEY___115KV_TB 1-4 80826	26.84 0.24 0.00	25.52 0.20 0.00	23.00 0.16 0.00	23.07 0.18 0.00	23.19 0.21 0.00	24.04 0.24 0.00	24.36 0.24 0.00	24.47 0.29 0.00	25.16 0.25 0.00	25.34 0.33 0.00	26.22 0.34 0.00	27.73 0.36 0.00	29.14 0.35 0.00	31.54 0.47 0.00	32.55 0.54 0.00	36.48 0.57 0.00	40.91 0.60 0.00	47.00 0.69 0.00	44.86 0.66 0.00	42.60 0.59 0.00	38.50 0.46 0.00	34.95 0.45 0.00	31.33 0.28 0.00	27.84 0.22 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	28.01 1.41 0.00	26.58 1.27 0.00	23.91 1.07 0.00	23.99 1.10 0.00	24.04 1.06 0.00	24.95 1.14 0.00	25.25 1.13 0.00	25.46 1.28 0.00	26.08 1.17 0.00	26.29 1.28 0.00	27.21 1.32 0.00	28.75 1.37 0.00	30.12 1.32 0.00	32.75 1.68 0.00	33.93 1.92 0.00	38.06 2.15 0.00	42.64 2.34 0.01	48.82 2.73 0.21	46.76 2.65 0.09	44.41 2.60 0.21	40.29 2.32 0.08	36.68 2.24 0.07	32.84 1.80 0.01	29.22 1.60 0.00
VISCHER___FERRY HYD 24020	27.56 0.96 0.00	26.18 0.86 0.00	23.66 0.82 0.00	23.69 0.80 0.00	23.77 0.78 0.00	24.64 0.83 0.00	24.99 0.87 0.00	25.05 0.87 0.00	25.73 0.82 0.00	25.61 0.60 0.00	26.64 0.75 0.00	28.09 0.71 0.00	29.57 0.78 0.00	31.98 0.90 0.00	33.12 1.12 0.00	37.12 1.22 0.00	41.84 1.53 0.00	48.20 1.90 0.00	46.01 1.81 0.00	43.86 1.85 0.00	39.68 1.63 0.00	36.02 1.52 0.00	32.26 1.21 0.00	28.69 1.08 0.00
V_A_10_SYNC_DSASP 323832	25.54 -1.06 0.00	24.20 -1.11 0.00	21.69 -1.14 0.00	21.67 -1.21 0.00	21.79 -1.20 0.00	22.64 -1.17 0.00	23.06 -1.06 0.00	22.85 -1.33 0.00	23.31 -1.59 0.00	24.06 -0.95 0.00	24.65 -1.24 0.00	26.42 -0.96 0.00	27.64 -1.15 0.00	29.93 -1.15 0.00	30.79 -1.22 0.00	34.90 -1.01 0.00	38.62 -1.65 0.04	42.99 -1.99 1.32	41.90 -1.72 0.58	38.91 -1.81 1.30	35.40 -2.17 0.48	32.25 -1.83 0.43	29.24 -1.77 0.04	26.37 -1.24 0.00
V_CMM_10_SYNC_DSASP 323787	26.29 -0.32 0.00	25.14 -0.18 0.00	22.68 -0.16 0.00	22.73 -0.16 0.00	22.85 -0.14 0.00	23.66 -0.14 0.00	23.95 -0.17 0.00	24.03 -0.14 0.00	24.86 -0.05 0.00	24.96 -0.05 0.00	25.81 -0.08 0.00	27.24 -0.14 0.00	28.71 -0.09 0.00	30.76 -0.31 0.00	31.49 -0.51 0.00	35.37 -0.54 0.00	39.74 -0.56 0.00	45.56 -0.74 0.00	43.49 -0.71 0.00	41.42 -0.59 0.00	37.51 -0.53 0.00	33.92 -0.59 0.00	30.61 -0.43 0.00	27.26 -0.36 0.00
V_CMP_10_SYNC_DSASP 323788	27.67 1.07 0.00	26.53 1.22 0.00	23.91 1.07 0.00	23.94 1.05 0.00	24.11 1.13 0.00	24.99 1.19 0.00	25.37 1.25 0.00	25.51 1.33 0.00	26.30 1.39 0.00	26.44 1.42 0.00	27.34 1.45 0.00	28.83 1.45 0.00	30.40 1.61 0.00	32.60 1.52 0.00	33.45 1.44 0.00	37.59 1.69 0.00	42.40 2.09 0.00	48.48 2.18 0.00	46.23 2.03 0.00	43.94 1.93 0.00	39.61 1.56 0.00	35.68 1.17 0.00	32.10 1.06 0.00	28.61 0.99 0.00
V_D_10_SYNC_DSASP 323841	26.39 -0.21 0.00	25.26 -0.05 0.00	22.79 -0.05 0.00	22.82 -0.07 0.00	22.94 -0.05 0.00	23.76 -0.05 0.00	24.07 -0.05 0.00	24.15 -0.02 0.00	24.96 0.05 0.00	25.06 0.05 0.00	25.91 0.03 0.00	27.35 -0.03 0.00	28.79 0.00 0.00	30.89 -0.19 0.00	31.62 -0.38 0.00	35.51 -0.39 0.00	39.90 -0.40 0.00	45.79 -0.51 0.00	43.72 -0.49 0.00	41.63 -0.38 0.00	37.70 -0.34 0.00	34.09 -0.41 0.00	30.74 -0.31 0.00	27.40 -0.22 0.00
V_E_10_SYNC_DSASP 323830	29.21 2.61 0.00	27.64 2.33 0.00	24.73 1.89 0.00	24.79 1.90 0.00	24.85 1.86 0.00	25.83 2.02 0.00	26.19 2.07 0.00	26.57 2.39 0.00	26.90 1.99 0.00	27.26 2.25 0.00	27.91 2.02 0.00	29.49 2.11 0.00	30.75 1.96 0.00	33.56 2.49 0.00	34.82 2.82 0.00	39.20 3.30 0.00	43.88 3.59 0.01	50.43 4.45 0.32	48.74 4.68 0.14	46.15 4.45 0.31	41.70 3.77 0.12	38.06 3.66 0.10	34.21 3.17 0.01	30.21 2.60 0.00
V_F_30_NSYNC___DSASP 323816	27.91 1.30 0.00	26.51 1.19 0.00	23.91 1.07 0.00	23.92 1.03 0.00	24.00 1.01 0.00	24.92 1.12 0.00	25.23 1.11 0.00	25.24 1.06 0.00	26.00 1.09 0.00	25.91 0.90 0.00	26.90 1.01 0.00	28.36 0.98 0.00	29.89 1.09 0.00	32.26 1.18 0.00	33.41 1.41 0.00	37.48 1.58 0.00	42.32 2.01 0.00	48.94 2.64 0.00	46.85 2.65 0.00	44.57 2.56 0.00	40.25 2.21 0.00	36.58 2.07 0.00	32.75 1.71 0.00	29.14 1.52 0.00



V_F_30_SYNC_DSASP 323786	27.08 0.48 0.00	25.75 0.43 0.00	23.43 0.59 0.00	23.48 0.60 0.00	23.56 0.57 0.00	24.42 0.62 0.00	24.72 0.60 0.00	24.81 0.63 0.00	25.51 0.60 0.00	25.29 0.28 0.00	26.33 0.44 0.00	27.71 0.33 0.00	29.17 0.37 0.00	31.57 0.50 0.00	32.68 0.67 0.00	36.66 0.75 0.00	41.23 0.93 0.00	47.51 1.20 0.00	45.35 1.15 0.00	43.15 1.13 0.00	39.04 0.99 0.00	35.44 0.93 0.00	31.76 0.71 0.00	28.25 0.64 0.00
V_XM_10_SYNC_DSASP 323789	27.67 1.07 0.00	26.53 1.22 0.00	23.91 1.07 0.00	23.94 1.05 0.00	24.11 1.13 0.00	24.99 1.19 0.00	25.37 1.25 0.00	25.51 1.33 0.00	26.30 1.39 0.00	26.44 1.42 0.00	27.34 1.45 0.00	28.83 1.45 0.00	30.40 1.61 0.00	32.60 1.52 0.00	33.45 1.44 0.00	37.59 1.69 0.00	42.40 2.09 0.00	48.48 2.18 0.00	46.23 2.03 0.00	43.94 1.93 0.00	39.61 1.56 0.00	35.68 1.17 0.00	32.10 1.06 0.00	28.61 0.99 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	27.56 0.96 0.00	26.13 0.81 0.00	23.59 0.75 0.00	23.60 0.71 0.00	23.68 0.69 0.00	24.52 0.71 0.00	24.89 0.77 0.00	25.02 0.85 0.00	25.78 0.87 0.00	25.79 0.78 0.00	27.05 1.16 0.00	28.64 1.26 0.00	30.12 1.32 0.00	32.72 1.65 0.00	33.99 1.98 0.00	37.95 2.05 0.00	42.77 2.46 0.00	49.03 2.73 0.00	46.59 2.39 0.00	44.15 2.14 0.00	40.22 2.17 0.00	36.40 1.90 0.00	32.66 1.61 0.00	28.92 1.30 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	27.88 1.28 0.00	26.43 1.11 0.00	23.86 1.03 0.00	23.85 0.96 0.00	23.93 0.94 0.00	24.76 0.95 0.00	25.18 1.06 0.00	25.39 1.21 0.00	26.16 1.25 0.00	26.16 1.15 0.00	27.47 1.58 0.00	29.08 1.70 0.00	30.61 1.81 0.00	33.28 2.21 0.00	34.57 2.56 0.00	38.60 2.69 0.00	43.37 3.06 0.00	49.59 3.29 0.00	47.16 2.96 0.00	44.62 2.60 0.00	40.75 2.70 0.00	36.92 2.42 0.00	33.13 2.08 0.00	29.27 1.66 0.00
W50THST__13_KV_LOAD 356117	28.07 1.46 0.00	26.61 1.29 0.00	24.00 1.16 0.00	23.99 1.10 0.00	24.07 1.08 0.00	24.90 1.10 0.00	25.35 1.23 0.00	25.56 1.38 0.00	26.35 1.44 0.00	26.34 1.33 0.00	27.67 1.79 0.00	29.30 1.92 0.00	30.84 2.04 0.00	33.53 2.45 0.00	34.85 2.85 0.00	38.88 2.98 0.00	43.73 3.43 0.00	49.96 3.66 0.00	47.52 3.32 0.00	44.95 2.94 0.00	41.09 3.04 0.00	37.16 2.66 0.00	33.35 2.30 0.00	29.50 1.88 0.00
WADING RIVER_IC_1 23522	28.09 1.49 0.00	26.51 1.19 0.00	23.89 1.05 0.00	23.83 0.94 0.00	23.86 0.87 0.00	24.73 0.93 0.00	25.45 1.33 0.00	25.27 1.09 0.00	26.06 1.15 0.00	26.01 1.00 0.00	28.89 1.58 -1.43	31.62 1.59 -2.65	32.63 1.76 -2.08	34.05 2.24 -0.74	34.69 2.69 0.00	38.85 2.94 0.00	43.86 3.55 0.00	50.52 4.21 0.00	52.52 3.84 -4.48	44.99 2.98 0.00	40.64 2.59 0.00	37.92 2.69 -0.73	33.40 2.11 -0.24	32.25 1.68 -2.95
WADING RIVER_IC_2 23547	28.09 1.49 0.00	26.51 1.19 0.00	23.89 1.05 0.00	23.83 0.94 0.00	23.86 0.87 0.00	24.73 0.93 0.00	25.45 1.33 0.00	25.27 1.09 0.00	26.06 1.15 0.00	26.01 1.00 0.00	28.89 1.58 -1.43	31.62 1.59 -2.65	32.63 1.76 -2.08	34.05 2.24 -0.74	34.69 2.69 0.00	38.85 2.94 0.00	43.86 3.55 0.00	50.52 4.21 0.00	52.52 3.84 -4.48	44.99 2.98 0.00	40.64 2.59 0.00	37.92 2.69 -0.73	33.40 2.11 -0.24	32.25 1.68 -2.95
WADING RIVER_IC_3 23601	28.09 1.49 0.00	26.51 1.19 0.00	23.89 1.05 0.00	23.83 0.94 0.00	23.86 0.87 0.00	24.73 0.93 0.00	25.45 1.33 0.00	25.27 1.09 0.00	26.06 1.15 0.00	26.01 1.00 0.00	28.89 1.58 -1.43	31.62 1.59 -2.65	32.63 1.76 -2.08	34.05 2.24 -0.74	34.69 2.69 0.00	38.85 2.94 0.00	43.86 3.55 0.00	50.52 4.21 0.00	52.52 3.84 -4.48	44.99 2.98 0.00	40.64 2.59 0.00	37.92 2.69 -0.73	33.40 2.11 -0.24	32.25 1.68 -2.95
WALDENNY_12_KV_BK2 80841	25.99 -0.61 0.00	24.56 -0.76 0.00	22.01 -0.82 0.00	22.00 -0.89 0.00	22.09 -0.90 0.00	22.92 -0.88 0.00	23.42 -0.70 0.00	23.55 -0.63 0.00	24.01 -0.90 0.00	24.89 -0.13 0.00	25.53 -0.36 0.00	27.41 0.03 0.00	28.56 -0.23 0.00	31.05 -0.03 0.00	31.88 -0.13 0.00	36.19 0.29 0.00	39.55 -0.73 0.03	43.31 -1.85 1.14	42.16 -1.55 0.50	39.13 -1.76 1.12	35.58 -2.05 0.41	32.27 -1.86 0.37	29.65 -1.37 0.03	26.84 -0.77 0.00
WALDEN__HYDRO 24148	27.53 0.93 0.00	26.10 0.78 0.00	23.54 0.71 0.00	23.55 0.66 0.00	23.65 0.67 0.00	24.47 0.67 0.00	24.84 0.72 0.00	24.95 0.77 0.00	25.71 0.80 0.00	25.71 0.70 0.00	26.92 1.04 0.00	28.47 1.10 0.00	30.00 1.21 0.00	32.57 1.49 0.00	33.83 1.82 0.00	37.84 1.94 0.00	42.65 2.34 0.00	48.94 2.64 0.00	46.59 2.39 0.00	44.15 2.14 0.00	40.18 2.13 0.00	36.33 1.83 0.00	32.60 1.55 0.00	28.86 1.24 0.00
WARRENSBURG____ 23737	27.83 1.22 0.00	26.43 1.11 0.00	23.79 0.96 0.00	23.83 0.94 0.00	23.88 0.90 0.00	24.83 1.02 0.00	25.16 1.04 0.00	25.15 0.97 0.00	25.96 1.05 0.00	25.86 0.85 0.00	26.69 0.80 0.00	28.14 0.77 0.00	29.66 0.86 0.00	31.82 0.74 0.00	32.96 0.96 0.00	37.02 1.11 0.00	42.08 1.77 0.00	48.94 2.64 0.00	47.03 2.83 0.00	44.66 2.65 0.00	40.25 2.21 0.00	36.61 2.11 0.00	32.72 1.68 0.00	29.14 1.52 0.00
WATERSIDE____6 8 9 23538	27.85 1.25 0.00	26.43 1.11 0.00	23.86 1.03 0.00	23.83 0.94 0.00	23.93 0.94 0.00	24.73 0.93 0.00	25.13 1.01 0.00	25.34 1.16 0.00	26.13 1.22 0.00	26.11 1.10 0.00	27.44 1.55 0.00	29.02 1.64 0.00	30.58 1.79 0.00	33.25 2.18 0.00	34.56 2.56 0.00	38.52 2.62 0.00	43.25 2.94 0.00	49.40 3.10 0.00	46.99 2.78 0.00	44.41 2.39 0.00	40.75 2.70 0.00	36.85 2.35 0.00	33.10 2.05 0.00	29.27 1.66 0.00
WATKINRD_115KV_LN8_ILLION 55919	26.98 0.37 0.00	25.64 0.33 0.00	23.13 0.30 0.00	23.19 0.30 0.00	23.26 0.28 0.00	24.11 0.31 0.00	24.41 0.29 0.00	24.49 0.31 0.00	25.18 0.27 0.00	25.26 0.25 0.00	26.15 0.26 0.00	27.65 0.27 0.00	29.05 0.26 0.00	31.42 0.34 0.00	32.39 0.38 0.00	36.33 0.43 0.00	40.79 0.48 0.00	46.90 0.60 0.00	44.82 0.62 0.00	42.60 0.59 0.00	38.58 0.53 0.00	35.06 0.55 0.00	31.48 0.43 0.00	27.98 0.36 0.00
WATSON__69_KV_BK 1 55734	28.65 2.05 0.00	27.04 1.72 0.00	24.32 1.48 0.00	24.28 1.40 0.00	24.34 1.36 0.00	25.21 1.40 0.00	25.78 1.66 0.00	25.77 1.60 0.00	26.65 1.74 0.00	26.64 1.63 0.00	29.56 2.25 -1.42	32.35 2.33 -2.65	33.40 2.53 -2.07	34.85 3.05 -0.73	35.49 3.49 0.00	39.74 3.84 0.00	44.90 4.60 0.00	51.40 5.09 0.00	53.40 4.73 -4.47	45.83 3.82 0.00	41.59 3.54 0.00	38.71 3.49 -0.72	34.17 2.89 -0.23	32.96 2.40 -2.94
WDELAWARE__HYD 323627	27.75 1.14 0.00	26.30 0.99 0.00	23.70 0.87 0.00	23.71 0.82 0.00	23.79 0.80 0.00	24.64 0.83 0.00	24.99 0.87 0.00	25.10 0.92 0.00	25.83 0.92 0.00	25.89 0.87 0.00	27.03 1.14 0.00	28.61 1.23 0.00	30.15 1.35 0.00	32.75 1.68 0.00	34.08 2.08 0.00	38.17 2.26 0.00	43.05 2.74 0.00	49.45 3.15 0.00	47.16 2.96 0.00	44.70 2.69 0.00	40.60 2.55 0.00	36.72 2.21 0.00	32.85 1.80 0.00	29.11 1.49 0.00



WEST BABYLON___IC 23714	28.60 2.00 0.00	26.96 1.65 0.00	24.27 1.44 0.00	24.24 1.35 0.00	24.30 1.31 0.00	25.16 1.36 0.00	25.69 1.57 0.00	25.72 1.55 0.00	26.60 1.69 0.00	26.59 1.58 0.00	29.48 2.17 -1.42	32.32 2.30 -2.65	33.34 2.48 -2.07	34.79 2.98 -0.73	35.40 3.39 0.00	39.49 3.59 0.00	44.58 4.27 0.00	51.02 4.72 0.00	53.05 4.38 -4.47	45.54 3.53 0.00	41.39 3.35 0.00	38.54 3.31 -0.72	34.11 2.83 -0.23	32.91 2.35 -2.94
WEST CANADA___HYD 24049	26.71 0.11 0.00	25.42 0.10 0.00	22.93 0.09 0.00	22.98 0.09 0.00	23.08 0.09 0.00	23.90 0.10 0.00	24.22 0.10 0.00	24.27 0.10 0.00	24.98 0.07 0.00	25.06 0.05 0.00	25.94 0.05 0.00	27.43 0.05 0.00	28.85 0.06 0.00	31.17 0.09 0.00	32.17 0.16 0.00	36.05 0.14 0.00	40.51 0.20 0.00	46.53 0.23 0.00	44.42 0.22 0.00	42.22 0.21 0.00	38.24 0.19 0.00	34.71 0.21 0.00	31.20 0.16 0.00	27.73 0.11 0.00
WESTERN_NY_WIND 24143	26.15 -0.45 0.00	24.81 -0.51 0.00	22.17 -0.66 0.00	22.11 -0.78 0.00	22.21 -0.78 0.00	23.04 -0.76 0.00	23.52 -0.60 0.00	23.48 -0.70 0.00	23.91 -1.00 0.00	24.79 -0.23 0.00	25.34 -0.54 0.00	27.19 -0.19 0.00	28.45 -0.35 0.00	30.89 -0.19 0.00	31.72 -0.29 0.00	36.01 0.11 0.00	39.83 -0.44 0.03	44.13 -0.93 1.24	43.13 -0.53 0.54	39.99 -0.80 1.22	36.41 -1.18 0.45	33.00 -1.10 0.40	29.99 -1.02 0.03	27.06 -0.55 0.00
WESTOVER___LESR 323668	26.76 0.16 0.00	25.39 0.08 0.00	22.84 0.00 0.00	22.87 -0.02 0.00	22.99 0.00 0.00	23.80 0.00 0.00	24.17 0.05 0.00	24.35 0.17 0.00	24.93 0.02 0.00	25.26 0.25 0.00	26.07 0.18 0.00	27.68 0.30 0.00	29.02 0.23 0.00	31.45 0.37 0.00	32.49 0.48 0.00	36.55 0.65 0.00	40.74 0.44 0.01	46.21 0.28 0.37	44.35 0.31 0.16	41.86 0.21 0.36	37.99 0.08 0.13	34.46 0.07 0.12	31.16 0.12 0.01	27.78 0.17 0.00
WETHRSFD_WT_PWR 323626	26.02 -0.59 0.00	24.63 -0.68 0.00	22.08 -0.75 0.00	22.07 -0.82 0.00	22.18 -0.81 0.00	23.07 -0.74 0.00	23.49 -0.63 0.00	23.62 -0.56 0.00	24.09 -0.82 0.00	24.84 -0.17 0.00	25.50 -0.39 0.00	27.32 -0.05 0.00	28.53 -0.26 0.00	30.95 -0.12 0.00	31.85 -0.16 0.00	36.09 0.18 0.00	39.68 -0.60 0.03	43.81 -1.48 1.01	42.70 -1.06 0.44	39.55 -1.47 0.99	35.78 -1.90 0.37	32.59 -1.59 0.33	29.87 -1.15 0.03	26.93 -0.69 0.00
WHAVSTOR_138KV_BK127 55557	27.48 0.88 0.00	26.05 0.73 0.00	23.52 0.69 0.00	23.53 0.64 0.00	23.61 0.62 0.00	24.45 0.64 0.00	24.82 0.70 0.00	24.95 0.77 0.00	25.71 0.80 0.00	25.71 0.70 0.00	26.98 1.09 0.00	28.53 1.15 0.00	30.03 1.24 0.00	32.60 1.52 0.00	33.86 1.86 0.00	37.81 1.90 0.00	42.56 2.26 0.00	48.80 2.50 0.00	46.41 2.21 0.00	43.94 1.93 0.00	40.03 1.98 0.00	36.27 1.76 0.00	32.54 1.49 0.00	28.80 1.19 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	27.48 0.88 0.00	26.05 0.73 0.00	23.52 0.69 0.00	23.53 0.64 0.00	23.61 0.62 0.00	24.45 0.64 0.00	24.82 0.70 0.00	24.95 0.77 0.00	25.71 0.80 0.00	25.71 0.70 0.00	26.98 1.09 0.00	28.53 1.15 0.00	30.03 1.24 0.00	32.60 1.52 0.00	33.86 1.86 0.00	37.81 1.90 0.00	42.56 2.26 0.00	48.80 2.50 0.00	46.41 2.21 0.00	43.94 1.93 0.00	40.03 1.98 0.00	36.27 1.76 0.00	32.54 1.49 0.00	28.80 1.19 0.00
WHITEHAL_115KV_TB1 80871	28.60 2.00 0.00	27.16 1.85 0.00	24.41 1.58 0.00	24.42 1.53 0.00	24.46 1.47 0.00	25.47 1.67 0.00	25.81 1.69 0.00	25.80 1.62 0.00	26.68 1.77 0.00	26.56 1.55 0.00	27.44 1.55 0.00	28.88 1.51 0.00	30.49 1.70 0.00	32.72 1.65 0.00	33.93 1.92 0.00	38.13 2.23 0.00	43.33 3.02 0.00	50.47 4.17 0.00	48.53 4.33 0.00	46.04 4.03 0.00	41.43 3.39 0.00	37.71 3.21 0.00	33.69 2.64 0.00	29.96 2.35 0.00
WHITEPLN_13_KV_LOAD 356215	27.99 1.38 0.00	26.51 1.19 0.00	23.93 1.10 0.00	23.92 1.03 0.00	24.00 1.01 0.00	24.85 1.05 0.00	25.23 1.11 0.00	25.36 1.18 0.00	26.18 1.27 0.00	26.16 1.15 0.00	27.47 1.58 0.00	29.08 1.70 0.00	30.64 1.84 0.00	33.31 2.24 0.00	34.60 2.59 0.00	38.63 2.73 0.00	43.49 3.18 0.00	49.73 3.43 0.00	47.34 3.14 0.00	44.78 2.77 0.00	40.82 2.78 0.00	36.99 2.48 0.00	33.16 2.11 0.00	29.33 1.71 0.00
WM_FLOYD_69_KV_BK2 356380	28.31 1.70 0.00	26.71 1.39 0.00	24.05 1.21 0.00	24.01 1.12 0.00	24.04 1.06 0.00	24.92 1.12 0.00	25.57 1.45 0.00	25.48 1.31 0.00	26.30 1.39 0.00	26.24 1.23 0.00	29.12 1.81 -1.42	31.86 1.83 -2.65	32.88 2.02 -2.07	34.29 2.49 -0.73	34.98 2.98 0.00	39.21 3.30 0.00	44.38 4.07 0.00	50.89 4.58 0.00	52.83 4.15 -4.47	45.29 3.28 0.00	41.05 3.01 0.00	38.19 2.97 -0.72	33.70 2.42 -0.23	32.49 1.93 -2.94
WOODARD___115KV_TB2 355635	26.50 -0.11 0.00	25.21 -0.10 0.00	22.70 -0.14 0.00	22.75 -0.14 0.00	22.85 -0.14 0.00	23.64 -0.17 0.00	24.00 -0.12 0.00	24.01 -0.17 0.00	24.61 -0.30 0.00	24.89 -0.13 0.00	25.58 -0.31 0.00	27.11 -0.27 0.00	28.51 -0.29 0.00	30.86 -0.22 0.00	31.84 -0.16 0.00	35.80 -0.11 0.00	40.06 -0.24 0.01	45.71 -0.23 0.36	43.91 -0.13 0.16	41.45 -0.21 0.35	37.69 -0.23 0.13	34.18 -0.21 0.12	30.82 -0.22 0.01	27.40 -0.22 0.00
YORK___WARBASSE 23770	28.05 1.44 -0.01	26.59 1.27 -0.01	24.00 1.16 0.00	23.94 1.05 0.00	24.02 1.03 0.00	24.85 1.05 0.00	25.30 1.18 0.00	25.48 1.31 0.00	26.28 1.37 0.00	26.26 1.25 0.00	27.60 1.71 0.00	29.21 1.83 0.00	30.75 1.96 0.00	33.44 2.36 0.00	34.77 2.75 -0.01	38.75 2.84 -0.01	43.53 3.22 0.00	49.68 3.38 0.00	47.25 3.05 0.00	44.66 2.65 0.00	41.01 2.97 0.00	37.06 2.55 0.00	33.28 2.24 0.00	29.47 1.85 0.00