

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

10/22/2024

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	25.95	24.30	23.14	22.57	23.60	27.69	39.82	48.59	41.50	32.72	31.10	30.67	30.82	32.06	35.03	38.88	43.12	56.42	61.41	50.83	41.83	35.90	30.96	27.77
24138	1.61	1.46	1.27	1.18	1.29	1.42	2.04	2.75	2.61	2.22	2.33	2.48	2.49	2.70	2.92	3.21	3.08	4.61	5.53	3.94	3.17	2.57	2.11	2.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	26.02	24.23	23.18	22.61	23.60	27.67	39.78	48.50	41.65	32.84	31.13	30.67	30.87	32.09	35.06	38.88	43.16	56.32	60.96	50.83	41.79	35.90	31.05	27.88
24260	1.68	1.39	1.31	1.22	1.29	1.39	2.00	2.66	2.76	2.35	2.36	2.48	2.55	2.73	2.95	3.21	3.12	4.51	5.08	3.94	3.13	2.57	2.19	2.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	26.02	24.23	23.18	22.61	23.60	27.67	39.78	48.50	41.65	32.84	31.13	30.67	30.87	32.09	35.06	38.88	43.16	56.32	60.96	50.83	41.79	35.90	31.05	27.88
24261	1.68	1.39	1.31	1.22	1.29	1.39	2.00	2.66	2.76	2.35	2.36	2.48	2.55	2.73	2.95	3.21	3.12	4.51	5.08	3.94	3.13	2.57	2.19	2.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	25.43	23.89	22.76	22.25	23.20	27.43	39.59	48.04	40.91	31.80	29.89	29.29	29.63	30.74	33.62	37.60	42.52	55.55	60.12	50.31	41.37	35.30	30.47	27.08
24011	1.10	1.05	0.90	0.86	0.89	1.16	1.81	2.20	2.02	1.31	1.12	1.10	1.30	1.38	1.51	1.93	2.48	3.73	4.25	3.42	2.71	1.97	1.62	1.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	25.53	24.00	22.85	22.33	23.31	27.56	39.82	48.31	41.07	31.92	30.01	29.43	29.74	30.85	33.75	37.85	42.80	55.96	60.91	50.64	41.68	35.53	30.56	27.15
23798	1.19	1.16	0.98	0.94	1.00	1.29	2.04	2.47	2.18	1.43	1.24	1.24	1.42	1.50	1.64	2.18	2.76	4.15	5.03	3.75	3.02	2.20	1.70	1.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	25.43	23.89	22.76	22.25	23.20	27.43	39.59	48.04	40.91	31.80	29.89	29.29	29.63	30.74	33.62	37.60	42.52	55.55	60.12	50.31	41.37	35.30	30.47	27.08
24028	1.10	1.05	0.90	0.86	0.89	1.16	1.81	2.20	2.02	1.31	1.12	1.10	1.30	1.38	1.51	1.93	2.48	3.73	4.25	3.42	2.71	1.97	1.62	1.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	25.80	24.21	23.09	22.57	23.55	27.75	39.97	48.59	41.19	32.08	30.24	29.71	29.94	31.32	34.17	37.96	42.84	55.91	60.96	50.69	41.79	35.73	30.99	27.54
23527	1.46	1.37	1.22	1.18	1.25	1.47	2.19	2.75	2.29	1.58	1.47	1.52	1.61	1.97	2.06	2.28	2.80	4.09	5.08	3.80	3.13	2.40	2.14	1.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24.78	23.18	22.15	21.63	22.57	26.62	38.23	46.34	39.55	30.86	29.09	28.59	28.83	30.00	32.78	36.46	41.00	53.42	57.72	48.39	39.86	34.13	29.64	26.38
24190	0.44	0.34	0.28	0.24	0.27	0.34	0.45	0.50	0.66	0.37	0.32	0.39	0.51	0.65	0.67	0.78	0.96	1.61	1.84	1.50	1.20	0.80	0.78	0.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24.34	23.04	22.04	21.61	22.55	26.51	38.08	46.16	39.05	30.58	28.86	28.22	28.30	29.36	32.14	35.67	40.16	51.81	55.49	46.56	38.59	33.20	28.63	25.43
355683	0.00	0.21	0.17	0.21	0.25	0.24	0.30	0.32	0.16	0.09	0.09	0.03	-0.03	0.00	0.03	0.00	0.12	0.00	-0.39	-0.33	-0.08	-0.13	-0.23	-0.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	25.24	23.70	22.61	22.08	23.04	27.14	38.99	47.21	40.10	31.16	29.29	28.67	28.89	30.06	32.94	36.85	41.60	54.35	59.17	49.28	40.60	34.80	30.12	26.82
323833	0.90	0.87	0.74	0.68	0.73	0.87	1.21	1.37	1.21	0.67	0.52	0.48	0.57	0.70	0.83	1.18	1.56	2.54	3.30	2.39	1.93	1.47	1.27	1.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	25.24	23.68	22.61	22.08	23.04	27.14	38.99	47.21	40.10	31.16	29.29	28.67	28.86	30.06	32.94	36.85	41.56	54.35	59.17	49.28	40.60	34.77	30.12	26.82
323834	0.90	0.85	0.74	0.68	0.73	0.87	1.21	1.37	1.21	0.67	0.52	0.48	0.54	0.70	0.83	1.18	1.52	2.54	3.30	2.39	1.93	1.43	1.27	1.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24.78	23.18	22.15	21.63	22.57	26.62	38.23	46.34	39.55	30.86	29.09	28.59	28.83	30.00	32.78	36.46	41.00	53.42	57.72	48.39	39.86	34.13	29.64	26.38
23571	0.44	0.34	0.28	0.24	0.27	0.34	0.45	0.50	0.66	0.37	0.32	0.39	0.51	0.65	0.67	0.78	0.96	1.61	1.84	1.50	1.20	0.80	0.78	0.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24.78 0.44 0.00	23.18 0.34 0.00	22.15 0.28 0.00	21.63 0.24 0.00	22.57 0.27 0.00	26.62 0.34 0.00	38.23 0.45 0.00	46.34 0.50 0.00	39.55 0.66 0.00	30.86 0.37 0.00	29.09 0.32 0.00	28.59 0.39 0.00	28.83 0.51 0.00	30.00 0.65 0.00	32.78 0.67 0.00	36.46 0.78 0.00	41.00 0.96 0.00	53.42 1.61 0.00	57.72 1.84 0.00	48.39 1.50 0.00	39.86 1.20 0.00	34.13 0.80 0.00	29.64 0.78 0.00	26.38 0.67 0.00
ALBANY___3 23573	24.78 0.44 0.00	23.18 0.34 0.00	22.15 0.28 0.00	21.63 0.24 0.00	22.57 0.27 0.00	26.62 0.34 0.00	38.23 0.45 0.00	46.34 0.50 0.00	39.55 0.66 0.00	30.86 0.37 0.00	29.09 0.32 0.00	28.59 0.39 0.00	28.83 0.51 0.00	30.00 0.65 0.00	32.78 0.67 0.00	36.46 0.78 0.00	41.00 0.96 0.00	53.42 1.61 0.00	57.72 1.84 0.00	48.39 1.50 0.00	39.86 1.20 0.00	34.13 0.80 0.00	29.64 0.78 0.00	26.38 0.67 0.00
ALBANY___4 23574	24.78 0.44 0.00	23.18 0.34 0.00	22.15 0.28 0.00	21.63 0.24 0.00	22.57 0.27 0.00	26.62 0.34 0.00	38.23 0.45 0.00	46.34 0.50 0.00	39.55 0.66 0.00	30.86 0.37 0.00	29.09 0.32 0.00	28.59 0.39 0.00	28.83 0.51 0.00	30.00 0.65 0.00	32.78 0.67 0.00	36.46 0.78 0.00	41.00 0.96 0.00	53.42 1.61 0.00	57.72 1.84 0.00	48.39 1.50 0.00	39.86 1.20 0.00	34.13 0.80 0.00	29.64 0.78 0.00	26.38 0.67 0.00
ALBANY___LFGE 323615	25.00 0.66 0.00	23.45 0.62 0.00	22.37 0.50 0.00	21.86 0.47 0.00	22.82 0.51 0.00	26.88 0.60 0.00	38.65 0.87 0.00	46.90 1.06 0.00	39.94 1.05 0.00	31.16 0.67 0.00	29.43 0.66 0.00	28.90 0.71 0.00	29.15 0.82 0.00	30.32 0.97 0.00	33.17 1.06 0.00	36.95 1.28 0.00	41.52 1.48 0.00	54.09 2.28 0.00	58.84 2.96 0.00	49.00 2.11 0.00	40.36 1.70 0.00	34.57 1.23 0.00	29.89 1.04 0.00	26.61 0.90 0.00
ALCOA_PA_115KV_PL-6C 55860	24.44 0.10 0.00	23.16 0.32 0.00	22.15 0.28 0.00	21.72 0.32 0.00	22.66 0.36 0.00	26.64 0.37 0.00	38.31 0.53 0.00	46.44 0.60 0.00	39.24 0.35 0.00	30.73 0.24 0.00	28.97 0.20 0.00	28.33 0.14 0.00	28.38 0.06 0.00	29.47 0.12 0.00	32.27 0.16 0.00	35.81 0.14 0.00	40.32 0.28 0.00	51.87 0.05 0.00	55.54 -0.34 0.00	46.61 -0.28 0.00	38.74 0.08 0.00	33.33 0.00 0.00	28.74 -0.12 0.00	25.54 -0.18 0.00
ALCOA_RYNLDS___DRP 24188	24.44 0.10 0.00	23.16 0.32 0.00	22.15 0.28 0.00	21.72 0.32 0.00	22.66 0.36 0.00	26.64 0.37 0.00	38.31 0.53 0.00	46.44 0.60 0.00	39.24 0.35 0.00	30.73 0.24 0.00	28.97 0.20 0.00	28.33 0.14 0.00	28.38 0.06 0.00	29.47 0.12 0.00	32.27 0.16 0.00	35.81 0.14 0.00	40.32 0.28 0.00	51.87 0.05 0.00	55.54 -0.34 0.00	46.61 -0.28 0.00	38.74 0.08 0.00	33.33 0.00 0.00	28.74 -0.12 0.00	25.54 -0.18 0.00
ALCOA___DSASP 323711	24.44 0.10 0.00	23.18 0.34 0.00	22.15 0.28 0.00	21.72 0.32 0.00	22.66 0.36 0.00	26.64 0.37 0.00	38.16 0.38 0.00	46.21 0.37 0.00	39.01 0.12 0.00	30.61 0.12 0.00	28.89 0.12 0.00	28.25 0.06 0.00	28.30 -0.03 0.00	29.39 0.03 0.00	32.17 0.06 0.00	35.53 -0.14 0.00	40.12 0.08 0.00	51.61 -0.21 0.00	54.81 -1.06 0.00	46.37 -0.51 0.00	38.47 -0.19 0.00	33.13 -0.20 0.00	28.74 -0.11 0.00	25.54 -0.18 0.00
ALLEGHENY___COGEN 23514	25.05 0.71 0.00	23.32 0.48 0.00	22.52 0.66 0.00	22.10 0.70 0.00	22.95 0.65 0.00	27.30 1.02 0.00	39.70 1.93 0.00	48.54 2.70 0.00	40.68 1.79 0.00	31.65 1.16 0.00	29.66 0.89 0.00	28.87 0.68 0.00	28.98 0.65 0.00	29.74 0.38 0.00	32.56 0.45 0.00	36.35 0.68 0.00	41.20 1.16 0.00	52.75 0.93 0.00	58.28 2.40 0.00	48.58 1.69 0.00	39.86 1.20 0.00	34.47 1.13 0.00	29.78 0.92 0.00	26.54 0.82 0.00
ALTAMONT_115KV_TB 2 55880	25.09 0.75 0.00	23.48 0.64 0.00	22.44 0.57 0.00	21.93 0.53 0.00	22.86 0.56 0.00	26.96 0.68 0.00	38.76 0.98 0.00	47.03 1.19 0.00	40.06 1.17 0.00	31.31 0.82 0.00	29.55 0.78 0.00	28.98 0.79 0.00	29.20 0.88 0.00	30.36 1.00 0.00	33.20 1.09 0.00	36.92 1.25 0.00	41.48 1.44 0.00	53.99 2.18 0.00	58.34 2.46 0.00	48.91 2.02 0.00	40.29 1.62 0.00	34.57 1.23 0.00	29.95 1.10 0.00	26.72 1.00 0.00
ALTONA_WT_PWR 323606	24.61 0.27 0.00	23.47 0.64 0.00	22.46 0.59 0.00	22.04 0.64 0.00	23.02 0.71 0.00	27.12 0.84 0.00	37.63 -0.15 0.00	44.97 -0.87 0.00	38.00 -0.89 0.00	30.40 -0.09 0.00	28.74 -0.03 0.00	28.08 -0.11 0.00	28.13 -0.20 0.00	29.18 -0.18 0.00	31.95 -0.16 0.00	34.53 -1.14 0.00	39.16 -0.88 0.00	50.57 -1.24 0.00	53.42 -2.46 0.00	45.01 -1.88 0.00	37.04 -1.62 0.00	32.27 -1.07 0.00	28.60 -0.26 0.00	25.23 -0.49 0.00
AMERICAN_REF_FUEL 24010	23.68 -0.66 0.00	21.92 -0.91 0.00	21.32 -0.55 0.00	20.94 -0.45 0.00	21.66 -0.65 0.00	25.67 -0.60 0.00	36.91 -0.87 0.00	44.56 -1.28 0.00	37.84 -1.05 0.00	29.85 -0.64 0.00	28.20 -0.58 0.00	27.55 -0.65 0.00	27.67 -0.65 0.00	28.30 -1.06 0.00	30.82 -1.29 0.00	34.03 -1.64 0.00	38.28 -1.76 0.00	47.98 -3.83 0.00	52.58 -3.30 0.00	43.79 -3.10 0.00	36.23 -2.43 0.00	31.70 -1.63 0.00	27.76 -1.10 0.00	25.10 -0.62 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	24.49 0.15 0.00	22.72 -0.11 0.00	22.06 0.20 0.00	21.72 0.32 0.00	22.48 0.18 0.00	26.69 0.42 0.00	38.68 0.91 0.00	47.03 1.19 0.00	40.06 1.17 0.00	31.47 0.98 0.00	29.84 1.07 0.00	29.38 1.18 0.00	29.60 1.28 0.00	30.36 1.00 0.00	33.17 1.06 0.00	36.56 0.89 0.00	41.24 1.20 0.00	51.71 -0.10 0.00	56.32 0.44 0.00	46.14 -0.75 0.00	37.66 -1.01 0.00	32.60 -0.73 0.00	28.39 -0.46 0.00	25.54 -0.18 0.00
ARTHUR KILL_GT_1 23520	26.34 2.00 -0.01	24.64 1.80 0.00	23.46 1.60 0.00	22.85 1.46 0.00	23.89 1.58 0.00	27.83 1.55 0.00	37.48 1.47 1.77	45.14 1.88 2.58	37.78 2.02 3.14	32.41 1.92 0.00	30.84 2.07 0.00	30.48 2.28 0.00	30.62 2.29 0.00	31.88 2.53 0.00	34.87 2.76 0.00	38.59 2.93 0.01	42.47 2.44 0.01	55.64 3.83 0.01	60.62 4.75 0.01	50.11 3.23 0.01	41.36 2.71 0.01	35.60 2.27 0.00	31.08 2.22 0.00	28.03 2.32 0.00
ARTHUR_KILL_2 23512	26.30 1.95 -0.01	24.57 1.73 0.00	23.40 1.53 0.00	22.78 1.39 0.00	23.84 1.54 0.00	27.75 1.47 0.00	37.37 1.36 1.77	45.00 1.74 2.58	37.66 1.91 3.14	32.32 1.83 0.00	30.76 1.98 0.00	30.39 2.20 0.00	30.53 2.21 0.00	31.79 2.44 0.00	34.77 2.66 0.00	38.45 2.78 0.01	42.31 2.28 0.01	55.43 3.63 0.01	60.39 4.52 0.01	49.93 3.05 0.01	41.25 2.59 0.01	35.50 2.17 0.00	30.99 2.14 0.00	27.95 2.24 0.00
ARTHUR_KILL_3 23513	25.75 1.41 0.00	24.09 1.26 0.00	22.96 1.09 0.00	22.40 1.01 0.00	23.42 1.11 0.00	27.46 1.18 0.00	37.64 1.62 1.76	45.43 2.15 2.57	37.90 2.14 3.13	32.44 1.95 0.00	30.87 2.10 0.00	30.42 2.23 0.00	30.59 2.27 0.00	31.79 2.44 0.00	34.74 2.63 0.00	38.49 2.82 0.00	42.64 2.60 0.00	55.81 3.99 0.00	60.80 4.92 0.00	50.31 3.42 0.00	41.45 2.79 0.00	35.60 2.27 0.00	30.73 1.87 0.00	27.54 1.83 0.00



ARTHUR_KILL_COGEN 323718	26.34 2.00 -0.01	24.64 1.80 0.00	23.46 1.60 0.00	22.85 1.46 0.00	23.89 1.58 0.00	27.83 1.55 0.00	37.48 1.47 1.77	45.14 1.88 2.58	37.78 2.02 3.14	32.41 1.92 0.00	30.84 2.07 0.00	30.48 2.28 0.00	30.62 2.29 0.00	31.88 2.53 0.00	34.87 2.76 0.00	38.59 2.93 0.01	42.47 2.44 0.01	55.64 3.83 0.01	60.62 4.75 0.01	50.11 3.23 0.01	41.36 2.71 0.01	35.60 2.27 0.00	31.08 2.22 0.00	28.03 2.32 0.00
ASHOKAN____ 23654	25.31 0.97 0.00	23.75 0.91 0.00	22.65 0.79 0.00	22.14 0.75 0.00	23.13 0.83 0.00	27.12 0.84 0.00	39.18 1.40 0.00	47.35 1.51 0.00	40.14 1.24 0.00	31.04 0.55 0.00	29.17 0.40 0.00	28.56 0.37 0.00	28.80 0.48 0.00	29.94 0.59 0.00	32.94 0.83 0.00	36.88 1.21 0.00	41.60 1.56 0.00	54.77 2.95 0.00	59.62 3.74 0.00	49.61 2.72 0.00	40.60 1.93 0.00	34.73 1.40 0.00	30.10 1.24 0.00	26.77 1.05 0.00
ASTORIA_EAST_ENERGY_CC1 323581	26.12 1.78 -0.01	24.47 1.62 -0.01	23.32 1.44 -0.01	22.75 1.35 -0.01	23.76 1.45 -0.01	27.77 1.50 0.00	39.52 1.74 0.00	47.74 1.84 -0.06	40.90 2.02 0.01	32.44 1.95 0.01	30.84 2.07 0.01	30.44 2.26 0.01	30.58 2.27 0.01	31.82 2.47 0.01	34.80 2.70 0.01	38.52 2.85 0.01	42.52 2.48 0.01	55.64 3.83 0.01	60.62 4.75 0.01	50.11 3.23 0.01	41.32 2.67 0.01	35.67 2.33 0.00	30.91 2.05 0.00	27.93 2.21 0.00
ASTORIA_EAST_ENERGY_CC2 323582	26.12 1.78 -0.01	24.47 1.62 -0.01	23.32 1.44 -0.01	22.75 1.35 -0.01	23.76 1.45 -0.01	27.77 1.50 0.00	39.52 1.74 0.00	47.74 1.84 -0.06	40.90 2.02 0.01	32.44 1.95 0.01	30.84 2.07 0.01	30.44 2.26 0.01	30.58 2.27 0.01	31.82 2.47 0.01	34.80 2.70 0.01	38.52 2.85 0.01	42.52 2.48 0.01	55.64 3.83 0.01	60.62 4.75 0.01	50.11 3.23 0.01	41.32 2.67 0.01	35.67 2.33 0.00	30.91 2.05 0.00	27.93 2.21 0.00
ASTORIA_GT2_1 24094	26.15 1.80 -0.01	24.34 1.51 0.00	23.27 1.40 0.00	22.71 1.31 -0.01	23.67 1.36 -0.01	27.64 1.37 0.00	39.40 1.62 0.00	47.70 1.79 -0.07	41.03 2.14 0.00	32.50 2.01 0.00	30.81 2.04 0.00	30.39 2.20 0.00	30.59 2.27 0.00	31.76 2.41 0.00	34.71 2.60 0.00	38.42 2.75 0.00	42.52 2.48 0.00	55.55 3.73 0.00	60.18 4.30 0.00	50.08 3.19 0.00	41.14 2.47 0.00	35.57 2.23 0.00	30.93 2.08 0.00	27.90 2.19 0.00
ASTORIA_GT2_2 24095	26.15 1.80 -0.01	24.34 1.51 0.00	23.27 1.40 0.00	22.71 1.31 -0.01	23.67 1.36 -0.01	27.64 1.37 0.00	39.40 1.62 0.00	47.70 1.79 -0.07	41.03 2.14 0.00	32.50 2.01 0.00	30.81 2.04 0.00	30.39 2.20 0.00	30.59 2.27 0.00	31.76 2.41 0.00	34.71 2.60 0.00	38.42 2.75 0.00	42.52 2.48 0.00	55.55 3.73 0.00	60.18 4.30 0.00	50.08 3.19 0.00	41.14 2.47 0.00	35.57 2.23 0.00	30.93 2.08 0.00	27.90 2.19 0.00
ASTORIA_GT2_3 24096	26.15 1.80 -0.01	24.34 1.51 0.00	23.27 1.40 0.00	22.71 1.31 -0.01	23.67 1.36 -0.01	27.64 1.37 0.00	39.40 1.62 0.00	47.70 1.79 -0.07	41.03 2.14 0.00	32.50 2.01 0.00	30.81 2.04 0.00	30.39 2.20 0.00	30.59 2.27 0.00	31.76 2.41 0.00	34.71 2.60 0.00	38.42 2.75 0.00	42.52 2.48 0.00	55.55 3.73 0.00	60.18 4.30 0.00	50.08 3.19 0.00	41.14 2.47 0.00	35.57 2.23 0.00	30.93 2.08 0.00	27.90 2.19 0.00
ASTORIA_GT2_4 24097	26.15 1.80 -0.01	24.34 1.51 0.00	23.27 1.40 0.00	22.71 1.31 -0.01	23.67 1.36 -0.01	27.64 1.37 0.00	39.40 1.62 0.00	47.70 1.79 -0.07	41.03 2.14 0.00	32.50 2.01 0.00	30.81 2.04 0.00	30.39 2.20 0.00	30.59 2.27 0.00	31.76 2.41 0.00	34.71 2.60 0.00	38.42 2.75 0.00	42.52 2.48 0.00	55.55 3.73 0.00	60.18 4.30 0.00	50.08 3.19 0.00	41.14 2.47 0.00	35.57 2.23 0.00	30.93 2.08 0.00	27.90 2.19 0.00
ASTORIA_GT3_1 24098	26.15 1.80 -0.01	24.34 1.51 0.00	23.27 1.40 0.00	22.71 1.31 -0.01	23.67 1.36 -0.01	27.64 1.37 0.00	39.40 1.62 0.00	47.70 1.79 -0.07	41.03 2.14 0.00	32.50 2.01 0.00	30.81 2.04 0.00	30.39 2.20 0.00	30.59 2.27 0.00	31.76 2.41 0.00	34.71 2.60 0.00	38.42 2.75 0.00	42.52 2.48 0.00	55.55 3.73 0.00	60.18 4.30 0.00	50.08 3.19 0.00	41.14 2.47 0.00	35.57 2.23 0.00	30.93 2.08 0.00	27.90 2.19 0.00
ASTORIA_GT3_2 24099	26.15 1.80 -0.01	24.34 1.51 0.00	23.27 1.40 0.00	22.71 1.31 -0.01	23.67 1.36 -0.01	27.64 1.37 0.00	39.40 1.62 0.00	47.70 1.79 -0.07	41.03 2.14 0.00	32.50 2.01 0.00	30.81 2.04 0.00	30.39 2.20 0.00	30.59 2.27 0.00	31.76 2.41 0.00	34.71 2.60 0.00	38.42 2.75 0.00	42.52 2.48 0.00	55.55 3.73 0.00	60.18 4.30 0.00	50.08 3.19 0.00	41.14 2.47 0.00	35.57 2.23 0.00	30.93 2.08 0.00	27.90 2.19 0.00
ASTORIA_GT3_3 24100	26.15 1.80 -0.01	24.34 1.51 0.00	23.27 1.40 0.00	22.71 1.31 -0.01	23.67 1.36 -0.01	27.64 1.37 0.00	39.40 1.62 0.00	47.70 1.79 -0.07	41.03 2.14 0.00	32.50 2.01 0.00	30.81 2.04 0.00	30.39 2.20 0.00	30.59 2.27 0.00	31.76 2.41 0.00	34.71 2.60 0.00	38.42 2.75 0.00	42.52 2.48 0.00	55.55 3.73 0.00	60.18 4.30 0.00	50.08 3.19 0.00	41.14 2.47 0.00	35.57 2.23 0.00	30.93 2.08 0.00	27.90 2.19 0.00
ASTORIA_GT3_4 24101	26.15 1.80 -0.01	24.34 1.51 0.00	23.27 1.40 0.00	22.71 1.31 -0.01	23.67 1.36 -0.01	27.64 1.37 0.00	39.40 1.62 0.00	47.70 1.79 -0.07	41.03 2.14 0.00	32.50 2.01 0.00	30.81 2.04 0.00	30.39 2.20 0.00	30.59 2.27 0.00	31.76 2.41 0.00	34.71 2.60 0.00	38.42 2.75 0.00	42.52 2.48 0.00	55.55 3.73 0.00	60.18 4.30 0.00	50.08 3.19 0.00	41.14 2.47 0.00	35.57 2.23 0.00	30.93 2.08 0.00	27.90 2.19 0.00
ASTORIA_GT4_1 24102	26.15 1.80 -0.01	24.34 1.51 0.00	23.27 1.40 0.00	22.71 1.31 -0.01	23.67 1.36 -0.01	27.64 1.37 0.00	39.40 1.62 0.00	47.70 1.79 -0.07	41.03 2.14 0.00	32.50 2.01 0.00	30.81 2.04 0.00	30.39 2.20 0.00	30.59 2.27 0.00	31.76 2.41 0.00	34.71 2.60 0.00	38.42 2.75 0.00	42.52 2.48 0.00	55.55 3.73 0.00	60.18 4.30 0.00	50.08 3.19 0.00	41.14 2.47 0.00	35.57 2.23 0.00	30.93 2.08 0.00	27.90 2.19 0.00
ASTORIA_GT4_2 24103	26.15 1.80 -0.01	24.34 1.51 0.00	23.27 1.40 0.00	22.71 1.31 -0.01	23.67 1.36 -0.01	27.64 1.37 0.00	39.40 1.62 0.00	47.70 1.79 -0.07	41.03 2.14 0.00	32.50 2.01 0.00	30.81 2.04 0.00	30.39 2.20 0.00	30.59 2.27 0.00	31.76 2.41 0.00	34.71 2.60 0.00	38.42 2.75 0.00	42.52 2.48 0.00	55.55 3.73 0.00	60.18 4.30 0.00	50.08 3.19 0.00	41.14 2.47 0.00	35.57 2.23 0.00	30.93 2.08 0.00	27.90 2.19 0.00
ASTORIA_GT4_3 24104	26.15 1.80 -0.01	24.34 1.51 0.00	23.27 1.40 0.00	22.71 1.31 -0.01	23.67 1.36 -0.01	27.64 1.37 0.00	39.40 1.62 0.00	47.70 1.79 -0.07	41.03 2.14 0.00	32.50 2.01 0.00	30.81 2.04 0.00	30.39 2.20 0.00	30.59 2.27 0.00	31.76 2.41 0.00	34.71 2.60 0.00	38.42 2.75 0.00	42.52 2.48 0.00	55.55 3.73 0.00	60.18 4.30 0.00	50.08 3.19 0.00	41.14 2.47 0.00	35.57 2.23 0.00	30.93 2.08 0.00	27.90 2.19 0.00



ASTORIA_GT4_4 24105	26.15 1.80 -0.01	24.34 1.51 0.00	23.27 1.40 0.00	22.71 1.31 -0.01	23.67 1.36 -0.01	27.64 1.37 0.00	39.40 1.62 0.00	47.70 1.79 -0.07	41.03 2.14 0.00	32.50 2.01 0.00	30.81 2.04 0.00	30.39 2.20 0.00	30.59 2.27 0.00	31.76 2.41 0.00	34.71 2.60 0.00	38.42 2.75 0.00	42.52 2.48 0.00	55.55 3.73 0.00	60.18 4.30 0.00	50.08 3.19 0.00	41.14 2.47 0.00	35.57 2.23 0.00	30.93 2.08 0.00	27.90 2.19 0.00
ASTORIA_GT_1 23523	26.17 1.83 -0.01	24.51 1.67 -0.01	23.36 1.49 -0.01	22.79 1.39 -0.01	23.81 1.49 -0.01	27.83 1.55 0.00	39.59 1.81 0.00	47.87 1.97 -0.06	41.02 2.14 0.01	32.53 2.04 0.01	30.92 2.16 0.01	30.52 2.34 0.01	30.67 2.35 0.01	31.90 2.55 0.01	34.89 2.79 0.01	38.62 2.96 0.01	42.63 2.60 0.01	55.80 3.99 0.01	60.79 4.92 0.01	50.26 3.38 0.01	41.44 2.79 0.01	35.77 2.43 0.00	30.99 2.14 0.00	27.98 2.26 0.00
ASTORIA_GT_10 24110	26.03 1.68 -0.01	24.21 1.37 0.00	23.14 1.27 0.00	22.55 1.16 0.00	23.55 1.25 0.00	27.54 1.26 0.00	39.40 1.62 0.00	47.90 2.06 0.00	41.19 2.29 0.00	32.56 2.07 0.00	30.87 2.10 0.00	30.45 2.26 0.00	30.65 2.32 0.00	31.82 2.47 0.00	34.81 2.70 0.00	38.52 2.85 0.00	42.64 2.60 0.00	55.60 3.78 0.00	60.24 4.36 0.00	50.12 3.24 0.00	41.29 2.63 0.00	35.57 2.23 0.00	30.88 2.02 0.00	27.80 2.08 0.00
ASTORIA_GT_11 24225	26.03 1.68 -0.01	24.21 1.37 0.00	23.14 1.27 0.00	22.55 1.16 0.00	23.55 1.25 0.00	27.54 1.26 0.00	39.40 1.62 0.00	47.90 2.06 0.00	41.19 2.29 0.00	32.56 2.07 0.00	30.87 2.10 0.00	30.45 2.26 0.00	30.65 2.32 0.00	31.82 2.47 0.00	34.81 2.70 0.00	38.52 2.85 0.00	42.64 2.60 0.00	55.60 3.78 0.00	60.24 4.36 0.00	50.12 3.24 0.00	41.29 2.63 0.00	35.57 2.23 0.00	30.88 2.02 0.00	27.80 2.08 0.00
ASTORIA_GT_12 24226	26.03 1.68 -0.01	24.21 1.37 0.00	23.14 1.27 0.00	22.55 1.16 0.00	23.55 1.25 0.00	27.54 1.26 0.00	39.40 1.62 0.00	47.90 2.06 0.00	41.19 2.29 0.00	32.56 2.07 0.00	30.87 2.10 0.00	30.45 2.26 0.00	30.65 2.32 0.00	31.82 2.47 0.00	34.81 2.70 0.00	38.52 2.85 0.00	42.64 2.60 0.00	55.60 3.78 0.00	60.24 4.36 0.00	50.12 3.24 0.00	41.29 2.63 0.00	35.57 2.23 0.00	30.88 2.02 0.00	27.80 2.08 0.00
ASTORIA_GT_13 24227	26.03 1.68 -0.01	24.21 1.37 0.00	23.14 1.27 0.00	22.55 1.16 0.00	23.55 1.25 0.00	27.54 1.26 0.00	39.40 1.62 0.00	47.90 2.06 0.00	41.19 2.29 0.00	32.56 2.07 0.00	30.87 2.10 0.00	30.45 2.26 0.00	30.65 2.32 0.00	31.82 2.47 0.00	34.81 2.70 0.00	38.52 2.85 0.00	42.64 2.60 0.00	55.60 3.78 0.00	60.24 4.36 0.00	50.12 3.24 0.00	41.29 2.63 0.00	35.57 2.23 0.00	30.88 2.02 0.00	27.80 2.08 0.00
ASTORIA_GT_5 24106	26.20 1.85 -0.01	24.37 1.53 0.00	23.31 1.44 0.00	22.75 1.35 -0.01	23.72 1.41 -0.01	27.69 1.42 0.00	39.48 1.70 0.00	47.79 1.88 -0.07	41.11 2.22 0.00	32.56 2.07 0.00	30.87 2.10 0.00	30.45 2.26 0.00	30.65 2.32 0.00	31.82 2.47 0.00	34.81 2.70 0.00	38.49 2.82 0.00	42.64 2.60 0.00	55.65 3.83 0.00	60.29 4.41 0.00	50.17 3.28 0.00	41.21 2.55 0.00	35.63 2.30 0.00	30.99 2.14 0.00	27.95 2.24 0.00
ASTORIA_GT_7 24107	26.20 1.85 -0.01	24.37 1.53 0.00	23.31 1.44 0.00	22.75 1.35 -0.01	23.72 1.41 -0.01	27.69 1.42 0.00	39.48 1.70 0.00	47.79 1.88 -0.07	41.11 2.22 0.00	32.56 2.07 0.00	30.87 2.10 0.00	30.45 2.26 0.00	30.65 2.32 0.00	31.82 2.47 0.00	34.81 2.70 0.00	38.49 2.82 0.00	42.64 2.60 0.00	55.65 3.83 0.00	60.29 4.41 0.00	50.17 3.28 0.00	41.21 2.55 0.00	35.63 2.30 0.00	30.99 2.14 0.00	27.95 2.24 0.00
ASTORIA_GT_8 24108	26.20 1.85 -0.01	24.37 1.53 0.00	23.31 1.44 0.00	22.75 1.35 -0.01	23.72 1.41 -0.01	27.69 1.42 0.00	39.48 1.70 0.00	47.79 1.88 -0.07	41.11 2.22 0.00	32.56 2.07 0.00	30.87 2.10 0.00	30.45 2.26 0.00	30.65 2.32 0.00	31.82 2.47 0.00	34.81 2.70 0.00	38.49 2.82 0.00	42.64 2.60 0.00	55.65 3.83 0.00	60.29 4.41 0.00	50.17 3.28 0.00	41.21 2.55 0.00	35.63 2.30 0.00	30.99 2.14 0.00	27.95 2.24 0.00
ASTORIA___2 24149	26.15 1.80 -0.01	24.47 1.62 -0.01	23.32 1.44 -0.01	22.77 1.37 -0.01	23.76 1.45 -0.01	27.80 1.52 0.00	39.52 1.74 0.00	47.78 1.88 -0.06	40.94 2.06 0.01	32.46 1.98 0.01	30.86 2.10 0.01	30.44 2.26 0.01	30.61 2.29 0.01	31.84 2.49 0.01	34.80 2.70 0.01	38.52 2.85 0.01	42.56 2.52 0.01	55.70 3.89 0.01	60.68 4.81 0.01	50.16 3.28 0.01	41.32 2.67 0.01	35.70 2.37 0.00	30.93 2.08 0.00	27.93 2.21 0.00
ASTORIA___3 23516	26.00 1.66 -0.01	24.34 1.51 0.00	23.18 1.31 0.00	22.59 1.20 0.00	23.62 1.32 0.00	27.64 1.37 0.00	39.52 1.74 0.00	47.95 2.11 0.00	41.11 2.22 0.00	32.53 2.04 0.00	30.93 2.16 0.00	30.53 2.34 0.00	30.67 2.35 0.00	31.91 2.55 0.00	34.87 2.76 0.00	38.63 2.96 0.00	42.68 2.64 0.00	55.81 3.99 0.00	60.74 4.86 0.00	50.27 3.38 0.00	41.48 2.82 0.00	35.70 2.37 0.00	30.88 2.02 0.00	27.77 2.06 0.00
ASTORIA___4 23517	26.03 1.68 -0.01	24.21 1.37 0.00	23.14 1.27 0.00	22.55 1.16 0.00	23.55 1.25 0.00	27.54 1.26 0.00	39.40 1.62 0.00	47.90 2.06 0.00	41.19 2.29 0.00	32.56 2.07 0.00	30.87 2.10 0.00	30.45 2.26 0.00	30.65 2.32 0.00	31.82 2.47 0.00	34.81 2.70 0.00	38.52 2.85 0.00	42.64 2.60 0.00	55.60 3.78 0.00	60.24 4.36 0.00	50.12 3.24 0.00	41.29 2.63 0.00	35.57 2.23 0.00	30.88 2.02 0.00	27.80 2.08 0.00
ASTORIA___5 23518	26.00 1.66 -0.01	24.34 1.51 0.00	23.18 1.31 0.00	22.59 1.20 0.00	23.62 1.32 0.00	27.64 1.37 0.00	39.52 1.74 0.00	47.95 2.11 0.00	41.11 2.22 0.00	32.53 2.04 0.00	30.93 2.16 0.00	30.53 2.34 0.00	30.67 2.35 0.00	31.91 2.55 0.00	34.87 2.76 0.00	38.63 2.96 0.00	42.68 2.64 0.00	55.81 3.99 0.00	60.74 4.86 0.00	50.27 3.38 0.00	41.48 2.82 0.00	35.70 2.37 0.00	30.88 2.02 0.00	27.77 2.06 0.00
AST_ENERGY_2_CC3 323677	25.87 1.53 0.00	24.23 1.39 0.00	23.09 1.22 0.00	22.51 1.11 0.00	23.53 1.23 0.00	27.59 1.31 0.00	39.59 1.81 0.00	48.22 2.38 0.00	41.22 2.33 0.00	32.53 2.04 0.00	30.96 2.19 0.00	30.51 2.31 0.00	30.67 2.35 0.00	31.88 2.53 0.00	34.84 2.73 0.00	38.67 3.00 0.00	42.84 2.80 0.00	56.06 4.25 0.00	61.02 5.14 0.00	50.55 3.66 0.00	41.64 2.98 0.00	35.73 2.40 0.00	30.85 1.99 0.00	27.67 1.95 0.00
AST_ENERGY_2_CC4 323678	25.87 1.53 0.00	24.23 1.39 0.00	23.09 1.22 0.00	22.51 1.11 0.00	23.53 1.23 0.00	27.59 1.31 0.00	39.59 1.81 0.00	48.22 2.38 0.00	41.22 2.33 0.00	32.53 2.04 0.00	30.96 2.19 0.00	30.51 2.31 0.00	30.67 2.35 0.00	31.88 2.53 0.00	34.84 2.73 0.00	38.67 3.00 0.00	42.84 2.80 0.00	56.06 4.25 0.00	61.02 5.14 0.00	50.55 3.66 0.00	41.64 2.98 0.00	35.73 2.40 0.00	30.85 1.99 0.00	27.67 1.95 0.00



ATHENS_STG_1 23668	25.21 0.87 0.00	23.63 0.80 0.00	22.55 0.68 0.00	22.02 0.62 0.00	23.00 0.69 0.00	27.04 0.76 0.00	38.91 1.13 0.00	47.21 1.37 0.00	40.21 1.32 0.00	31.53 1.04 0.00	29.86 1.09 0.00	29.35 1.16 0.00	29.51 1.19 0.00	30.71 1.35 0.00	33.56 1.45 0.00	37.31 1.64 0.00	41.68 1.64 0.00	54.30 2.49 0.00	59.06 3.18 0.00	49.14 2.25 0.00	40.48 1.82 0.00	34.80 1.47 0.00	30.07 1.21 0.00	26.87 1.16 0.00
ATHENS_STG_2 23670	25.21 0.87 0.00	23.63 0.80 0.00	22.55 0.68 0.00	22.02 0.62 0.00	23.00 0.69 0.00	27.04 0.76 0.00	38.91 1.13 0.00	47.21 1.37 0.00	40.21 1.32 0.00	31.53 1.04 0.00	29.86 1.09 0.00	29.35 1.16 0.00	29.51 1.19 0.00	30.71 1.35 0.00	33.56 1.45 0.00	37.31 1.64 0.00	41.68 1.64 0.00	54.30 2.49 0.00	59.06 3.18 0.00	49.14 2.25 0.00	40.48 1.82 0.00	34.80 1.47 0.00	30.07 1.21 0.00	26.87 1.16 0.00
ATHENS_STG_3 23677	25.21 0.87 0.00	23.63 0.80 0.00	22.55 0.68 0.00	22.02 0.62 0.00	23.00 0.69 0.00	27.04 0.76 0.00	38.91 1.13 0.00	47.21 1.37 0.00	40.21 1.32 0.00	31.53 1.04 0.00	29.86 1.09 0.00	29.35 1.16 0.00	29.51 1.19 0.00	30.71 1.35 0.00	33.56 1.45 0.00	37.31 1.64 0.00	41.68 1.64 0.00	54.30 2.49 0.00	59.06 3.18 0.00	49.14 2.25 0.00	40.48 1.82 0.00	34.80 1.47 0.00	30.07 1.21 0.00	26.87 1.16 0.00
AUBURN___LFGE 323710	24.14 -0.19 0.00	22.63 -0.21 0.00	21.69 -0.17 0.00	21.22 -0.17 0.00	22.13 -0.18 0.00	26.12 -0.16 0.00	37.66 -0.11 0.00	45.84 0.00 0.00	38.70 -0.19 0.00	30.34 -0.15 0.00	28.57 -0.20 0.00	27.97 -0.23 0.00	28.10 -0.23 0.00	29.06 -0.29 0.00	31.73 -0.39 0.00	35.35 -0.32 0.00	39.68 -0.36 0.00	52.97 -0.62 -1.77	56.34 -0.39 -0.85	46.73 -0.33 -0.17	38.31 -0.35 0.00	33.13 -0.20 0.00	28.74 -0.12 0.00	25.54 -0.18 0.00
BABYLON_RES_REC 323704	25.90 1.56 0.00	24.28 1.44 0.00	23.09 1.22 0.00	22.40 1.01 0.00	23.53 1.23 0.00	27.72 1.44 0.00	37.83 1.17 1.12	39.74 1.56 7.66	35.28 1.63 5.25	30.18 1.37 1.69	29.37 1.55 0.95	29.74 1.72 0.17	29.36 1.70 0.67	31.20 2.02 0.18	31.58 2.12 2.65	34.51 2.28 3.44	39.42 2.32 2.94	53.43 3.57 1.95	58.50 4.41 1.79	49.69 3.14 0.34	39.29 2.48 1.85	34.93 1.90 0.30	30.34 1.50 0.01	27.96 2.24 -0.01
BABYLON__69_KV_BK2 356345	26.21 1.87 0.00	24.30 1.46 0.00	23.18 1.31 0.00	22.55 1.16 0.00	23.60 1.29 0.00	27.85 1.58 0.00	37.97 1.32 1.13	39.79 1.79 7.84	35.43 1.91 5.37	30.32 1.56 1.72	29.44 1.64 0.97	29.86 1.83 0.16	29.49 1.84 0.68	31.30 2.11 0.17	31.75 2.34 2.70	34.62 2.46 3.51	39.73 2.68 2.99	53.56 3.73 1.98	58.31 4.25 1.82	49.83 3.28 0.34	39.42 2.63 1.87	35.10 2.07 0.30	30.64 1.79 0.01	28.47 2.75 0.00
BALL_HILL_WT_PWR 323825	24.51 0.17 0.00	22.72 -0.11 0.00	22.04 0.17 0.00	21.67 0.28 0.00	22.44 0.13 0.00	26.59 0.32 0.00	38.42 0.64 0.00	46.57 0.73 0.00	39.59 0.70 0.00	31.13 0.64 0.00	29.46 0.69 0.00	28.79 0.59 0.00	28.95 0.62 0.00	29.62 0.26 0.00	32.34 0.23 0.00	35.67 0.00 0.00	40.20 0.16 0.00	50.57 -1.24 0.00	55.32 -0.56 0.00	45.95 -0.94 0.00	37.78 -0.89 0.00	32.90 -0.43 0.00	28.71 -0.14 0.00	25.90 0.18 0.00
BARON_WINDS___WT_PWR 323822	24.71 0.37 0.00	23.00 0.16 0.00	22.17 0.31 0.00	21.78 0.39 0.00	22.62 0.31 0.00	26.75 0.47 0.00	38.80 1.02 0.00	47.08 1.24 0.00	39.98 1.09 0.00	31.34 0.85 0.00	29.61 0.83 0.00	28.95 0.76 0.00	29.06 0.74 0.00	29.80 0.44 0.00	32.53 0.42 0.00	36.10 0.43 0.00	40.60 0.56 0.00	51.76 -0.05 0.00	56.60 0.72 0.00	47.17 0.28 0.00	38.70 0.04 0.00	33.60 0.27 0.00	29.14 0.29 0.00	26.15 0.44 0.00
BARRETT_IC_1 23704	25.85 1.51 0.00	24.18 1.35 0.00	23.05 1.18 0.00	22.40 1.01 0.00	23.46 1.16 0.00	27.61 1.34 0.00	38.79 1.02 0.01	47.46 1.33 -0.29	40.40 1.52 0.01	31.92 1.43 0.01	30.40 1.64 0.01	29.99 1.81 0.01	30.10 1.79 0.01	31.40 2.05 0.01	34.16 2.06 0.01	36.48 2.07 1.26	38.70 1.96 3.30	52.78 3.16 2.19	57.84 3.97 2.01	49.22 2.72 0.39	38.72 2.13 2.07	34.67 1.67 0.33	30.23 1.39 0.01	27.70 1.98 -0.01
BARRETT_IC_10 23701	25.85 1.51 0.00	24.18 1.35 0.00	23.05 1.18 0.00	22.40 1.01 0.00	23.46 1.16 0.00	27.61 1.34 0.00	38.79 1.02 0.01	43.68 1.33 3.49	40.40 1.52 0.01	31.92 1.43 0.01	30.40 1.64 0.01	29.99 1.81 0.01	30.10 1.79 0.01	31.40 2.05 0.01	34.16 2.06 0.01	36.48 2.07 1.26	38.70 1.96 3.30	52.78 3.16 2.19	57.84 3.97 2.01	49.22 2.72 0.39	38.72 2.13 2.07	34.67 1.67 0.33	30.23 1.39 0.01	27.70 1.98 -0.01
BARRETT_IC_11 23702	25.85 1.51 0.00	24.18 1.35 0.00	23.05 1.18 0.00	22.40 1.01 0.00	23.46 1.16 0.00	27.61 1.34 0.00	38.79 1.02 0.01	43.68 1.33 3.49	40.40 1.52 0.01	31.92 1.43 0.01	30.40 1.64 0.01	29.99 1.81 0.01	30.10 1.79 0.01	31.40 2.05 0.01	34.16 2.06 0.01	36.48 2.07 1.26	38.70 1.96 3.30	52.78 3.16 2.19	57.84 3.97 2.01	49.22 2.72 0.39	38.72 2.13 2.07	34.67 1.67 0.33	30.23 1.39 0.01	27.70 1.98 -0.01
BARRETT_IC_12 23703	25.85 1.51 0.00	24.18 1.35 0.00	23.05 1.18 0.00	22.40 1.01 0.00	23.46 1.16 0.00	27.61 1.34 0.00	38.79 1.02 0.01	43.68 1.33 3.49	40.40 1.52 0.01	31.92 1.43 0.01	30.40 1.64 0.01	29.99 1.81 0.01	30.10 1.79 0.01	31.40 2.05 0.01	34.16 2.06 0.01	36.48 2.07 1.26	38.70 1.96 3.30	52.78 3.16 2.19	57.84 3.97 2.01	49.22 2.72 0.39	38.72 2.13 2.07	34.67 1.67 0.33	30.23 1.39 0.01	27.70 1.98 -0.01
BARRETT_IC_2 23705	25.85 1.51 0.00	24.18 1.35 0.00	23.05 1.18 0.00	22.40 1.01 0.00	23.46 1.16 0.00	27.61 1.34 0.00	38.79 1.02 0.01	47.46 1.33 -0.29	40.40 1.52 0.01	31.92 1.43 0.01	30.40 1.64 0.01	29.99 1.81 0.01	30.10 1.79 0.01	31.40 2.05 0.01	34.16 2.06 0.01	36.48 2.07 1.26	38.70 1.96 3.30	52.78 3.16 2.19	57.84 3.97 2.01	49.22 2.72 0.39	38.72 2.13 2.07	34.67 1.67 0.33	30.23 1.39 0.01	27.70 1.98 -0.01
BARRETT_IC_3 23706	25.85 1.51 0.00	24.18 1.35 0.00	23.05 1.18 0.00	22.40 1.01 0.00	23.46 1.16 0.00	27.61 1.34 0.00	38.79 1.02 0.01	47.46 1.33 -0.29	40.40 1.52 0.01	31.92 1.43 0.01	30.40 1.64 0.01	29.99 1.81 0.01	30.10 1.79 0.01	31.40 2.05 0.01	34.16 2.06 0.01	36.48 2.07 1.26	38.70 1.96 3.30	52.78 3.16 2.19	57.84 3.97 2.01	49.22 2.72 0.39	38.72 2.13 2.07	34.67 1.67 0.33	30.23 1.39 0.01	27.70 1.98 -0.01
BARRETT_IC_4 23707	25.85 1.51 0.00	24.18 1.35 0.00	23.05 1.18 0.00	22.40 1.01 0.00	23.46 1.16 0.00	27.61 1.34 0.00	38.79 1.02 0.01	47.46 1.33 -0.29	40.40 1.52 0.01	31.92 1.43 0.01	30.40 1.64 0.01	29.99 1.81 0.01	30.10 1.79 0.01	31.40 2.05 0.01	34.16 2.06 0.01	36.48 2.07 1.26	38.70 1.96 3.30	52.78 3.16 2.19	57.84 3.97 2.01	49.22 2.72 0.39	38.72 2.13 2.07	34.67 1.67 0.33	30.23 1.39 0.01	27.70 1.98 -0.01



BARRETT_IC_5 23708	25.85 1.51 0.00	24.18 1.35 0.00	23.05 1.18 0.00	22.40 1.01 0.00	23.46 1.16 0.00	27.61 1.34 0.00	38.79 1.02 0.01	47.46 1.33 -0.29	40.40 1.52 0.01	31.92 1.43 0.01	30.40 1.64 0.01	29.99 1.81 0.01	30.10 1.79 0.01	31.40 2.05 0.01	34.16 2.06 0.01	36.48 2.07 1.26	38.70 1.96 3.30	52.78 3.16 2.19	57.84 3.97 2.01	49.22 2.72 0.39	38.72 2.13 2.07	34.67 1.67 0.33	30.23 1.39 0.01	27.70 1.98 -0.01
BARRETT_IC_6 23709	25.85 1.51 0.00	24.18 1.35 0.00	23.05 1.18 0.00	22.40 1.01 0.00	23.46 1.16 0.00	27.61 1.34 0.00	38.79 1.02 0.01	47.46 1.33 -0.29	40.40 1.52 0.01	31.92 1.43 0.01	30.40 1.64 0.01	29.99 1.81 0.01	30.10 1.79 0.01	31.40 2.05 0.01	34.16 2.06 0.01	36.48 2.07 1.26	38.70 1.96 3.30	52.78 3.16 2.19	57.84 3.97 2.01	49.22 2.72 0.39	38.72 2.13 2.07	34.67 1.67 0.33	30.23 1.39 0.01	27.70 1.98 -0.01
BARRETT_IC_7 23710	25.92 1.58 0.00	24.07 1.23 0.00	22.98 1.12 0.00	22.38 0.98 0.00	23.40 1.09 0.00	27.54 1.26 0.00	38.68 0.91 0.00	47.42 1.28 -0.30	40.41 1.52 0.00	31.98 1.49 0.00	30.30 1.52 0.00	29.94 1.75 0.00	30.11 1.78 0.00	31.21 1.85 0.00	34.13 2.02 0.00	36.38 1.96 1.25	38.67 1.92 3.29	52.58 2.95 2.18	57.34 3.46 2.00	49.09 2.58 0.38	38.61 2.01 2.06	34.55 1.53 0.32	30.39 1.53 0.00	27.82 2.11 0.00
BARRETT_IC_8 23711	25.85 1.51 0.00	24.18 1.35 0.00	23.05 1.18 0.00	22.40 1.01 0.00	23.46 1.16 0.00	27.61 1.34 0.00	38.79 1.02 0.01	47.46 1.33 -0.29	40.40 1.52 0.01	31.92 1.43 0.01	30.40 1.64 0.01	29.99 1.81 0.01	30.10 1.79 0.01	31.40 2.05 0.01	34.16 2.06 0.01	36.48 2.07 1.26	38.70 1.96 3.30	52.78 3.16 2.19	57.84 3.97 2.01	49.22 2.72 0.39	38.72 2.13 2.07	34.67 1.67 0.33	30.23 1.39 0.01	27.70 1.98 -0.01
BARRETT_IC_9 23700	25.85 1.51 0.00	24.18 1.35 0.00	23.05 1.18 0.00	22.40 1.01 0.00	23.46 1.16 0.00	27.61 1.34 0.00	38.79 1.02 0.01	43.68 1.33 3.49	40.40 1.52 0.01	31.92 1.43 0.01	30.40 1.64 0.01	29.99 1.81 0.01	30.10 1.79 0.01	31.40 2.05 0.01	34.16 2.06 0.01	36.48 2.07 1.26	38.70 1.96 3.30	52.78 3.16 2.19	57.84 3.97 2.01	49.22 2.72 0.39	38.72 2.13 2.07	34.67 1.67 0.33	30.23 1.39 0.01	27.70 1.98 -0.01
BARRETT___1 23545	25.85 1.51 0.00	24.18 1.35 0.00	23.05 1.18 0.00	22.40 1.01 0.00	23.46 1.16 0.00	27.61 1.34 0.00	38.79 1.02 0.01	47.46 1.33 -0.29	40.40 1.52 0.01	31.92 1.43 0.01	30.40 1.64 0.01	29.99 1.81 0.01	30.10 1.79 0.01	31.40 2.05 0.01	34.16 2.06 0.01	36.48 2.07 1.26	38.70 1.96 3.30	52.78 3.16 2.19	57.84 3.97 2.01	49.22 2.72 0.39	38.72 2.13 2.07	34.67 1.67 0.33	30.23 1.39 0.01	27.70 1.98 -0.01
BARRETT___2 23546	25.85 1.51 0.00	24.18 1.35 0.00	23.05 1.18 0.00	22.40 1.01 0.00	23.46 1.16 0.00	27.61 1.34 0.00	38.79 1.02 0.01	43.68 1.33 3.49	40.40 1.52 0.01	31.92 1.43 0.01	30.40 1.64 0.01	29.99 1.81 0.01	30.10 1.79 0.01	31.40 2.05 0.01	34.16 2.06 0.01	36.48 2.07 1.26	38.70 1.96 3.30	52.78 3.16 2.19	57.84 3.97 2.01	49.22 2.72 0.39	38.72 2.13 2.07	34.67 1.67 0.33	30.23 1.39 0.01	27.70 1.98 -0.01
BATAVIA__115KV_TB1 55881	24.05 -0.29 0.00	22.58 -0.25 0.00	21.89 0.02 0.00	21.46 0.06 0.00	22.24 -0.07 0.00	26.33 0.05 0.00	38.04 0.26 0.00	46.30 0.46 0.00	38.77 -0.12 0.00	30.64 0.15 0.00	29.06 0.29 0.00	28.39 0.20 0.00	28.44 0.11 0.00	29.24 -0.12 0.00	31.89 -0.22 0.00	35.28 -0.39 0.00	39.80 -0.24 0.00	50.16 -1.66 0.00	54.59 -1.29 0.00	45.95 -0.94 0.00	37.58 -1.08 0.00	33.00 -0.33 0.00	28.74 -0.12 0.00	25.79 0.08 0.00
BAYONEEC___CTG1 323682	25.87 1.53 0.00	24.21 1.37 0.00	23.07 1.20 0.00	22.51 1.11 0.00	23.53 1.23 0.00	27.59 1.31 0.00	39.59 1.81 0.00	48.22 2.38 0.00	41.26 2.37 0.00	32.57 2.07 0.00	30.96 2.19 0.00	30.53 2.34 0.00	30.67 2.35 0.00	31.91 2.55 0.00	34.87 2.76 0.00	38.67 3.00 0.00	42.84 2.80 0.00	56.06 4.25 0.00	61.02 5.14 0.00	50.50 3.61 0.00	41.64 2.98 0.00	35.77 2.43 0.00	30.85 1.99 0.00	27.67 1.95 0.00
BAYONEEC___CTG10 323750	25.87 1.53 0.00	24.21 1.37 0.00	23.07 1.20 0.00	22.51 1.11 0.00	23.53 1.23 0.00	27.59 1.31 0.00	39.59 1.81 0.00	48.22 2.38 0.00	41.26 2.37 0.00	32.57 2.07 0.00	30.96 2.19 0.00	30.53 2.34 0.00	30.67 2.35 0.00	31.91 2.55 0.00	34.87 2.76 0.00	38.67 3.00 0.00	42.84 2.80 0.00	56.06 4.25 0.00	61.02 5.14 0.00	50.50 3.61 0.00	41.64 2.98 0.00	35.77 2.43 0.00	30.85 1.99 0.00	27.67 1.95 0.00
BAYONEEC___CTG2 323683	25.87 1.53 0.00	24.21 1.37 0.00	23.07 1.20 0.00	22.51 1.11 0.00	23.53 1.23 0.00	27.59 1.31 0.00	39.59 1.81 0.00	48.22 2.38 0.00	41.26 2.37 0.00	32.57 2.07 0.00	30.96 2.19 0.00	30.53 2.34 0.00	30.67 2.35 0.00	31.91 2.55 0.00	34.87 2.76 0.00	38.67 3.00 0.00	42.84 2.80 0.00	56.06 4.25 0.00	61.02 5.14 0.00	50.50 3.61 0.00	41.64 2.98 0.00	35.77 2.43 0.00	30.85 1.99 0.00	27.67 1.95 0.00
BAYONEEC___CTG3 323684	25.87 1.53 0.00	24.21 1.37 0.00	23.07 1.20 0.00	22.51 1.11 0.00	23.53 1.23 0.00	27.59 1.31 0.00	39.59 1.81 0.00	48.22 2.38 0.00	41.26 2.37 0.00	32.57 2.07 0.00	30.96 2.19 0.00	30.53 2.34 0.00	30.67 2.35 0.00	31.91 2.55 0.00	34.87 2.76 0.00	38.67 3.00 0.00	42.84 2.80 0.00	56.06 4.25 0.00	61.02 5.14 0.00	50.50 3.61 0.00	41.64 2.98 0.00	35.77 2.43 0.00	30.85 1.99 0.00	27.67 1.95 0.00
BAYONEEC___CTG4 323685	25.87 1.53 0.00	24.21 1.37 0.00	23.07 1.20 0.00	22.51 1.11 0.00	23.53 1.23 0.00	27.59 1.31 0.00	39.59 1.81 0.00	48.22 2.38 0.00	41.26 2.37 0.00	32.57 2.07 0.00	30.96 2.19 0.00	30.53 2.34 0.00	30.67 2.35 0.00	31.91 2.55 0.00	34.87 2.76 0.00	38.67 3.00 0.00	42.84 2.80 0.00	56.06 4.25 0.00	61.02 5.14 0.00	50.50 3.61 0.00	41.64 2.98 0.00	35.77 2.43 0.00	30.85 1.99 0.00	27.67 1.95 0.00
BAYONEEC___CTG5 323686	25.87 1.53 0.00	24.21 1.37 0.00	23.07 1.20 0.00	22.51 1.11 0.00	23.53 1.23 0.00	27.59 1.31 0.00	39.59 1.81 0.00	48.22 2.38 0.00	41.26 2.37 0.00	32.57 2.07 0.00	30.96 2.19 0.00	30.53 2.34 0.00	30.67 2.35 0.00	31.91 2.55 0.00	34.87 2.76 0.00	38.67 3.00 0.00	42.84 2.80 0.00	56.06 4.25 0.00	61.02 5.14 0.00	50.50 3.61 0.00	41.64 2.98 0.00	35.77 2.43 0.00	30.85 1.99 0.00	27.67 1.95 0.00
BAYONEEC___CTG6 323687	25.87 1.53 0.00	24.21 1.37 0.00	23.07 1.20 0.00	22.51 1.11 0.00	23.53 1.23 0.00	27.59 1.31 0.00	39.59 1.81 0.00	48.22 2.38 0.00	41.26 2.37 0.00	32.57 2.07 0.00	30.96 2.19 0.00	30.53 2.34 0.00	30.67 2.35 0.00	31.91 2.55 0.00	34.87 2.76 0.00	38.67 3.00 0.00	42.84 2.80 0.00	56.06 4.25 0.00	61.02 5.14 0.00	50.50 3.61 0.00	41.64 2.98 0.00	35.77 2.43 0.00	30.85 1.99 0.00	27.67 1.95 0.00



BAYONEEC___CTG7 323688	25.87 1.53 0.00	24.21 1.37 0.00	23.07 1.20 0.00	22.51 1.11 0.00	23.53 1.23 0.00	27.59 1.31 0.00	39.59 1.81 0.00	48.22 2.38 0.00	41.26 2.37 0.00	32.57 2.07 0.00	30.96 2.19 0.00	30.53 2.34 0.00	30.67 2.35 0.00	31.91 2.55 0.00	34.87 2.76 0.00	38.67 3.00 0.00	42.84 2.80 0.00	56.06 4.25 0.00	61.02 5.14 0.00	50.50 3.61 0.00	41.64 2.98 0.00	35.77 2.43 0.00	30.85 1.99 0.00	27.67 1.95 0.00
BAYONEEC___CTG8 323689	25.87 1.53 0.00	24.21 1.37 0.00	23.07 1.20 0.00	22.51 1.11 0.00	23.53 1.23 0.00	27.59 1.31 0.00	39.59 1.81 0.00	48.22 2.38 0.00	41.26 2.37 0.00	32.57 2.07 0.00	30.96 2.19 0.00	30.53 2.34 0.00	30.67 2.35 0.00	31.91 2.55 0.00	34.87 2.76 0.00	38.67 3.00 0.00	42.84 2.80 0.00	56.06 4.25 0.00	61.02 5.14 0.00	50.50 3.61 0.00	41.64 2.98 0.00	35.77 2.43 0.00	30.85 1.99 0.00	27.67 1.95 0.00
BAYONEEC___CTG9 323749	25.87 1.53 0.00	24.21 1.37 0.00	23.07 1.20 0.00	22.51 1.11 0.00	23.53 1.23 0.00	27.59 1.31 0.00	39.59 1.81 0.00	48.22 2.38 0.00	41.26 2.37 0.00	32.57 2.07 0.00	30.96 2.19 0.00	30.53 2.34 0.00	30.67 2.35 0.00	31.91 2.55 0.00	34.87 2.76 0.00	38.67 3.00 0.00	42.84 2.80 0.00	56.06 4.25 0.00	61.02 5.14 0.00	50.50 3.61 0.00	41.64 2.98 0.00	35.77 2.43 0.00	30.85 1.99 0.00	27.67 1.95 0.00
BEACON___LESR 323632	25.14 0.80 0.00	23.59 0.75 0.00	22.48 0.61 0.00	21.97 0.58 0.00	22.93 0.62 0.00	27.04 0.76 0.00	38.87 1.10 0.00	47.17 1.33 0.00	40.14 1.24 0.00	31.31 0.82 0.00	29.55 0.78 0.00	29.01 0.82 0.00	29.26 0.93 0.00	30.44 1.09 0.00	33.30 1.19 0.00	37.13 1.46 0.00	41.80 1.76 0.00	54.51 2.69 0.00	59.34 3.47 0.00	49.37 2.48 0.00	40.63 1.97 0.00	34.77 1.43 0.00	30.10 1.24 0.00	26.79 1.08 0.00
BEAVER RIVER___HYD 24048	24.22 -0.12 0.00	22.79 -0.05 0.00	21.87 0.00 0.00	21.46 0.06 0.00	22.44 0.13 0.00	26.56 0.29 0.00	38.53 0.76 0.00	46.85 1.01 0.00	39.28 0.39 0.00	30.64 0.15 0.00	28.71 -0.06 0.00	28.25 0.06 0.00	28.21 -0.11 0.00	29.21 -0.15 0.00	32.05 -0.06 0.00	35.60 -0.07 0.00	40.24 0.20 0.00	52.66 0.00 -0.85	56.28 0.00 -0.41	46.92 -0.05 -0.08	38.51 -0.15 0.00	33.40 0.07 0.00	28.80 -0.06 0.00	25.54 -0.18 0.00
BEEBEE_GT_13 23619	23.88 -0.46 0.00	22.40 -0.43 0.00	21.61 -0.26 0.00	21.16 -0.24 0.00	21.99 -0.31 0.00	25.99 -0.29 0.00	37.48 -0.30 0.00	45.57 -0.28 0.00	38.35 -0.54 0.00	30.25 -0.24 0.00	28.60 -0.17 0.00	28.00 -0.20 0.00	28.10 -0.23 0.00	28.92 -0.55 0.00	31.56 -0.68 0.00	34.99 -0.68 0.00	39.36 -0.68 0.00	50.11 -1.71 0.00	54.37 -1.51 0.00	45.72 -1.17 0.00	37.54 -1.12 0.00	32.77 -0.57 0.00	28.45 -0.40 0.00	25.43 -0.28 0.00
BENSHRST_27_KV_BENSHRST_1 355998	26.27 1.92 -0.01	24.39 1.55 0.00	23.31 1.44 0.00	22.72 1.33 0.00	23.71 1.41 0.00	27.72 1.45 0.00	39.55 1.78 0.00	48.18 2.34 0.00	41.46 2.57 0.00	32.78 2.29 0.00	31.07 2.30 0.00	30.67 2.48 0.00	30.90 2.58 0.00	32.09 2.73 0.00	35.10 2.99 0.00	38.88 3.21 0.00	42.96 2.92 0.00	56.01 4.20 0.00	60.68 4.81 0.00	50.55 3.66 0.00	41.60 2.94 0.00	35.83 2.50 0.00	31.14 2.28 0.00	28.00 2.29 0.00
BETHLEHEM___GRP 23843	24.78 0.44 0.00	23.18 0.34 0.00	22.15 0.28 0.00	21.63 0.24 0.00	22.57 0.27 0.00	26.62 0.34 0.00	38.23 0.45 0.00	46.34 0.50 0.00	39.55 0.66 0.00	30.86 0.37 0.00	29.09 0.32 0.00	28.59 0.39 0.00	28.83 0.51 0.00	30.00 0.65 0.00	32.78 0.67 0.00	36.46 0.78 0.00	41.00 0.96 0.00	53.42 1.61 0.00	57.72 1.84 0.00	48.39 1.50 0.00	39.86 1.20 0.00	34.13 0.80 0.00	29.64 0.78 0.00	26.38 0.67 0.00
BETHLEHEM___GS1 323560	24.78 0.44 0.00	23.25 0.41 0.00	22.17 0.31 0.00	21.65 0.26 0.00	22.62 0.31 0.00	26.62 0.34 0.00	38.27 0.49 0.00	46.43 0.59 0.00	39.51 0.62 0.00	30.86 0.37 0.00	29.14 0.37 0.00	28.62 0.42 0.00	28.83 0.51 0.00	30.03 0.68 0.00	32.85 0.74 0.00	36.56 0.89 0.00	41.08 1.04 0.00	53.52 1.71 0.00	58.22 2.35 0.00	48.43 1.55 0.00	39.90 1.24 0.00	34.20 0.87 0.00	29.61 0.75 0.00	26.38 0.67 0.00
BETHLEHEM___GS2 323561	24.78 0.44 0.00	23.25 0.41 0.00	22.17 0.31 0.00	21.65 0.26 0.00	22.62 0.31 0.00	26.62 0.34 0.00	38.27 0.49 0.00	46.43 0.59 0.00	39.51 0.62 0.00	30.86 0.37 0.00	29.14 0.37 0.00	28.62 0.42 0.00	28.83 0.51 0.00	30.03 0.68 0.00	32.85 0.74 0.00	36.56 0.89 0.00	41.08 1.04 0.00	53.52 1.71 0.00	58.22 2.35 0.00	48.43 1.55 0.00	39.90 1.24 0.00	34.20 0.87 0.00	29.61 0.75 0.00	26.38 0.67 0.00
BETHLEHEM___GS3 323562	24.78 0.44 0.00	23.25 0.41 0.00	22.17 0.31 0.00	21.65 0.26 0.00	22.62 0.31 0.00	26.62 0.34 0.00	38.27 0.49 0.00	46.43 0.59 0.00	39.51 0.62 0.00	30.86 0.37 0.00	29.14 0.37 0.00	28.62 0.42 0.00	28.83 0.51 0.00	30.03 0.68 0.00	32.85 0.74 0.00	36.56 0.89 0.00	41.08 1.04 0.00	53.52 1.71 0.00	58.22 2.35 0.00	48.43 1.55 0.00	39.90 1.24 0.00	34.20 0.87 0.00	29.61 0.75 0.00	26.38 0.67 0.00
BETHLEHEM___STEEL 23779	24.10 -0.24 0.00	22.61 -0.23 0.00	21.96 0.09 0.00	21.50 0.11 0.00	22.28 -0.02 0.00	26.30 0.03 0.00	38.08 0.30 0.00	46.07 0.23 0.00	38.74 -0.16 0.00	30.70 0.21 0.00	29.29 0.52 0.00	28.59 0.39 0.00	28.64 0.31 0.00	29.45 0.09 0.00	32.05 -0.06 0.00	35.35 -0.32 0.00	39.84 -0.20 0.00	50.00 -1.81 0.00	54.20 -1.68 0.00	45.62 -1.27 0.00	37.27 -1.39 0.00	32.83 -0.50 0.00	28.68 -0.17 0.00	25.84 0.13 0.00
BETHLHEM_115KV_TB1 79974	24.85 0.51 0.00	23.25 0.41 0.00	22.22 0.35 0.00	21.69 0.30 0.00	22.62 0.31 0.00	26.70 0.42 0.00	38.31 0.53 0.00	46.48 0.64 0.00	39.67 0.78 0.00	30.95 0.46 0.00	29.20 0.43 0.00	28.67 0.48 0.00	28.92 0.59 0.00	30.09 0.73 0.00	32.88 0.77 0.00	36.56 0.89 0.00	41.08 1.04 0.00	53.52 1.71 0.00	57.83 1.96 0.00	48.48 1.59 0.00	39.94 1.28 0.00	34.23 0.90 0.00	29.69 0.84 0.00	26.46 0.75 0.00
BETHPAGE_CC_5 323564	25.95 1.61 0.00	24.28 1.44 0.00	23.11 1.25 0.00	22.44 1.05 0.00	23.55 1.25 0.00	27.64 1.37 0.00	37.84 1.10 1.03	40.22 1.47 7.09	35.63 1.60 4.86	30.36 1.43 1.56	29.50 1.61 0.88	29.81 1.78 0.16	29.49 1.79 0.62	31.22 2.02 0.17	31.78 2.12 2.45	34.68 2.21 3.21	39.43 2.16 2.78	53.39 3.42 1.84	58.44 4.24 1.69	49.52 2.96 0.32	39.24 2.32 1.74	34.81 1.77 0.29	30.31 1.47 0.01	27.93 2.21 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	24.17 -0.17 0.00	22.68 -0.16 0.00	22.02 0.15 0.00	21.57 0.17 0.00	22.33 0.02 0.00	26.38 0.11 0.00	38.23 0.45 0.00	46.25 0.41 0.00	38.89 0.00 0.00	30.83 0.34 0.00	29.40 0.63 0.00	28.73 0.54 0.00	28.75 0.42 0.00	29.56 0.21 0.00	32.21 0.10 0.00	35.49 -0.18 0.00	40.04 0.00 0.00	50.26 -1.55 0.00	54.48 -1.40 0.00	45.81 -1.08 0.00	37.43 -1.24 0.00	32.93 -0.40 0.00	28.77 -0.09 0.00	25.92 0.21 0.00



BINGHAMTON___COGEN 23790	24.92 0.58 0.00	23.34 0.50 0.00	22.39 0.52 0.00	21.89 0.49 0.00	22.79 0.49 0.00	26.88 0.60 0.00	38.99 1.21 0.00	47.31 1.47 0.00	40.02 1.13 0.00	31.50 1.01 0.00	29.84 1.06 0.00	29.18 0.99 0.00	29.26 0.93 0.00	30.18 0.82 0.00	32.98 0.87 0.00	36.60 0.93 0.00	41.12 1.08 0.00	52.95 1.14 0.00	57.33 1.45 0.00	48.20 1.31 0.00	39.55 0.89 0.00	34.30 0.97 0.00	29.81 0.95 0.00	26.69 0.98 0.00
BIXINCNT_115KV_LOAD 355685	24.17 -0.17 0.00	22.70 -0.14 0.00	22.06 0.20 0.00	21.67 0.28 0.00	22.44 0.13 0.00	26.56 0.29 0.00	38.65 0.87 0.00	46.85 1.01 0.00	39.36 0.47 0.00	31.19 0.70 0.00	29.81 1.04 0.00	29.18 0.99 0.00	29.17 0.85 0.00	30.00 0.65 0.00	32.69 0.58 0.00	36.03 0.36 0.00	40.76 0.72 0.00	51.25 -0.57 0.00	55.49 -0.39 0.00	46.47 -0.42 0.00	37.73 -0.93 0.00	32.90 -0.43 0.00	28.57 -0.29 0.00	25.74 0.03 0.00
BLACK RIVER___HYD 24047	24.29 -0.05 0.00	22.84 0.00 0.00	21.89 0.02 0.00	21.48 0.09 0.00	22.44 0.13 0.00	26.56 0.29 0.00	38.68 0.91 0.00	47.08 1.24 0.00	39.40 0.50 0.00	30.76 0.27 0.00	28.71 -0.06 0.00	28.16 -0.03 0.00	28.13 -0.20 0.00	29.06 -0.29 0.00	31.89 -0.22 0.00	35.49 -0.18 0.00	40.12 0.08 0.00	53.27 0.05 -1.40	56.83 0.28 -0.67	47.26 0.24 -0.13	38.74 0.08 0.00	33.67 0.33 0.00	28.97 0.12 0.00	25.69 -0.03 0.00
BLACKRVR_115KV_TB2 79977	24.32 -0.02 0.00	22.86 0.02 0.00	21.91 0.04 0.00	21.48 0.09 0.00	22.46 0.16 0.00	26.59 0.32 0.00	38.68 0.91 0.00	47.12 1.28 0.00	39.36 0.47 0.00	30.73 0.24 0.00	28.74 -0.03 0.00	28.16 -0.03 0.00	28.13 -0.20 0.00	29.06 -0.29 0.00	31.89 -0.22 0.00	35.53 -0.14 0.00	40.16 0.12 0.00	53.32 0.10 -1.40	56.83 0.28 -0.67	47.30 0.28 -0.13	38.74 0.08 0.00	33.70 0.37 0.00	28.97 0.12 0.00	25.69 -0.03 0.00
BLISS_WT_PWR 323608	24.46 0.12 0.00	22.70 -0.14 0.00	22.06 0.20 0.00	21.78 0.39 0.00	22.53 0.22 0.00	26.75 0.47 0.00	38.80 1.02 0.00	47.08 1.24 0.00	40.06 1.17 0.00	31.47 0.98 0.00	29.84 1.07 0.00	29.21 1.01 0.00	29.34 1.02 0.00	30.03 0.68 0.00	32.79 0.68 0.00	36.21 0.54 0.00	40.88 0.84 0.00	51.45 -0.36 0.00	56.32 0.44 0.00	46.56 -0.33 0.00	38.12 -0.54 0.00	32.80 -0.53 0.00	28.39 -0.46 0.00	25.61 -0.10 0.00
BLUESTONE___WT_PWR 323821	25.90 1.56 0.00	24.23 1.39 0.00	23.18 1.31 0.00	22.72 1.33 0.00	23.71 1.41 0.00	28.01 1.73 0.00	40.91 3.13 0.00	49.78 3.94 0.00	41.85 2.95 0.00	32.72 2.22 0.00	30.61 1.84 0.00	29.88 1.69 0.00	29.77 1.44 0.00	30.68 1.32 0.00	33.68 1.57 0.00	37.52 1.85 0.00	42.40 2.36 0.00	55.03 3.21 0.00	60.01 4.13 0.00	50.17 3.28 0.00	41.14 2.48 0.00	35.73 2.40 0.00	30.85 1.99 0.00	27.46 1.75 0.00
BLUE_CIRC_CHEM_DRP 24182	25.09 0.75 0.00	23.52 0.69 0.00	22.46 0.59 0.00	21.95 0.56 0.00	22.88 0.58 0.00	26.98 0.71 0.00	38.76 0.98 0.00	46.94 1.10 0.00	39.98 1.09 0.00	31.13 0.64 0.00	29.29 0.52 0.00	28.73 0.54 0.00	28.95 0.62 0.00	30.12 0.76 0.00	32.95 0.83 0.00	36.71 1.03 0.00	41.40 1.36 0.00	53.94 2.12 0.00	58.34 2.46 0.00	48.91 2.02 0.00	40.29 1.62 0.00	34.57 1.23 0.00	29.98 1.13 0.00	26.72 1.00 0.00
BOC_GAS_DRP 24189	25.02 0.68 0.00	23.41 0.57 0.00	22.37 0.50 0.00	21.87 0.47 0.00	22.79 0.49 0.00	26.85 0.58 0.00	38.61 0.83 0.00	46.85 1.01 0.00	39.94 1.05 0.00	31.22 0.73 0.00	29.49 0.72 0.00	28.95 0.76 0.00	29.17 0.85 0.00	30.33 0.97 0.00	33.14 1.03 0.00	36.81 1.14 0.00	41.32 1.28 0.00	53.73 1.92 0.00	58.06 2.18 0.00	48.67 1.78 0.00	40.09 1.43 0.00	34.43 1.10 0.00	29.87 1.01 0.00	26.64 0.93 0.00
BOONVILLE_115KV_TB1 79983	24.58 0.24 0.00	23.06 0.23 0.00	22.11 0.24 0.00	21.67 0.28 0.00	22.64 0.33 0.00	26.75 0.47 0.00	38.76 0.98 0.00	47.12 1.28 0.00	39.67 0.78 0.00	31.04 0.55 0.00	29.15 0.37 0.00	28.62 0.42 0.00	28.61 0.28 0.00	29.59 0.23 0.00	32.46 0.35 0.00	36.10 0.43 0.00	40.72 0.68 0.00	53.03 0.78 -0.43	56.98 0.89 -0.21	47.63 0.70 -0.04	39.13 0.46 0.00	33.90 0.57 0.00	29.26 0.40 0.00	26.00 0.28 0.00
BORALEX_4TH_BRANCH 23824	25.80 1.46 0.00	24.14 1.30 0.00	23.05 1.18 0.00	22.53 1.13 0.00	23.51 1.20 0.00	27.69 1.42 0.00	39.89 2.12 0.00	48.45 2.61 0.00	41.19 2.29 0.00	32.02 1.52 0.00	30.18 1.41 0.00	29.63 1.44 0.00	29.91 1.59 0.00	31.27 1.91 0.00	34.07 1.96 0.00	37.78 2.10 0.00	42.72 2.68 0.00	55.65 3.83 0.00	60.29 4.41 0.00	50.59 3.70 0.00	41.64 2.98 0.00	35.63 2.30 0.00	31.02 2.16 0.00	27.57 1.85 0.00
BOWLINE___1 23526	25.58 1.24 0.00	23.93 1.10 0.00	22.81 0.94 0.00	22.27 0.88 0.00	23.26 0.96 0.00	27.30 1.02 0.00	39.29 1.51 0.00	47.72 1.88 0.00	40.64 1.75 0.00	31.98 1.49 0.00	30.41 1.64 0.00	29.91 1.72 0.00	30.05 1.73 0.00	31.21 1.85 0.00	34.07 1.96 0.00	37.85 2.18 0.00	42.16 2.12 0.00	55.08 3.27 0.00	59.90 4.03 0.00	49.80 2.91 0.00	40.94 2.28 0.00	35.27 1.93 0.00	30.47 1.61 0.00	27.31 1.59 0.00
BOWLINE___2 23595	25.58 1.24 0.00	23.93 1.10 0.00	22.81 0.94 0.00	22.27 0.88 0.00	23.26 0.96 0.00	27.30 1.02 0.00	39.29 1.51 0.00	47.72 1.88 0.00	40.60 1.71 0.00	31.98 1.49 0.00	30.41 1.64 0.00	29.88 1.69 0.00	30.05 1.73 0.00	31.18 1.82 0.00	34.07 1.96 0.00	37.81 2.14 0.00	42.08 2.04 0.00	55.03 3.21 0.00	59.85 3.97 0.00	49.70 2.81 0.00	40.90 2.24 0.00	35.27 1.93 0.00	30.47 1.61 0.00	27.31 1.59 0.00
BRADY___115KV_TB2 356060	24.63 0.29 0.00	23.36 0.53 0.00	22.33 0.46 0.00	21.89 0.49 0.00	22.84 0.54 0.00	26.91 0.63 0.00	38.76 0.98 0.00	47.03 1.19 0.00	39.59 0.70 0.00	30.95 0.46 0.00	29.15 0.37 0.00	28.47 0.28 0.00	28.49 0.17 0.00	29.56 0.21 0.00	32.40 0.29 0.00	35.96 0.29 0.00	40.56 0.52 0.00	52.28 0.47 0.00	56.05 0.17 0.00	47.03 0.14 0.00	39.09 0.43 0.00	33.67 0.33 0.00	28.97 0.12 0.00	25.72 0.00 0.00
BRANSCOMB___SOLAR 323811	25.44 1.10 0.00	23.89 1.05 0.00	22.79 0.92 0.00	22.25 0.86 0.00	23.22 0.91 0.00	27.40 1.13 0.00	39.52 1.74 0.00	47.95 2.11 0.00	40.68 1.79 0.00	31.65 1.16 0.00	29.84 1.07 0.00	29.26 1.07 0.00	29.54 1.22 0.00	30.68 1.32 0.00	33.56 1.45 0.00	37.49 1.82 0.00	42.28 2.24 0.00	55.23 3.42 0.00	60.12 4.24 0.00	50.03 3.14 0.00	41.21 2.55 0.00	35.23 1.90 0.00	30.41 1.56 0.00	27.05 1.34 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	26.09 1.75 0.00	24.21 1.37 0.00	23.07 1.20 0.00	22.46 1.07 0.00	23.49 1.18 0.00	27.75 1.47 0.00	37.69 1.13 1.22	38.99 1.56 8.41	34.85 1.71 5.76	29.99 1.34 1.85	29.17 1.44 1.04	29.62 1.61 0.18	29.24 1.64 0.72	31.05 1.88 0.19	31.27 2.06 2.90	34.06 2.14 3.75	39.17 2.28 3.16	52.63 2.90 2.09	57.37 3.41 1.91	49.11 2.58 0.36	38.89 2.20 1.98	34.78 1.77 0.32	30.44 1.59 0.01	28.39 2.67 0.00



BRISTLHL_115KV_TB1 79998	23.80 -0.54 0.00	22.31 -0.53 0.00	21.39 -0.48 0.00	20.95 -0.45 0.00	21.81 -0.49 0.00	25.75 -0.53 0.00	37.02 -0.76 0.00	44.97 -0.87 0.00	38.04 -0.86 0.00	29.85 -0.64 0.00	28.11 -0.66 0.00	27.52 -0.68 0.00	27.64 -0.68 0.00	28.62 -0.73 0.00	31.28 -0.83 0.00	34.81 -0.86 0.00	39.08 -0.96 0.00	53.48 -1.35 -3.01	56.03 -1.29 -1.44	46.09 -1.08 -0.28	37.77 -0.89 0.00	32.63 -0.70 0.00	28.28 -0.58 0.00	25.15 -0.57 0.00
BROOKHAVEN___DRP 24191	25.63 1.29 0.00	23.77 0.94 0.00	22.68 0.81 0.00	22.04 0.64 0.00	23.08 0.78 0.00	27.48 1.21 0.00	37.41 0.87 1.24	38.53 1.24 8.55	34.36 1.32 5.85	29.25 0.64 1.88	28.52 0.81 1.06	29.03 1.01 0.18	28.61 1.02 0.74	30.81 1.64 0.19	31.15 1.99 2.95	33.83 1.96 3.80	39.05 2.20 3.20	53.07 3.37 2.12	57.91 3.97 1.94	49.57 3.05 0.36	38.90 2.24 2.00	34.65 1.63 0.32	30.38 1.53 0.01	28.34 2.62 0.00
BROOKLYN_NAVY_YARD 23515	25.87 1.53 0.00	24.21 1.37 0.00	23.07 1.20 0.00	22.51 1.11 0.00	23.51 1.20 0.00	27.59 1.31 0.00	39.63 1.85 0.00	48.41 2.47 -0.09	41.30 2.41 0.00	32.59 2.10 0.00	31.02 2.25 0.00	30.56 2.37 0.00	30.73 2.41 0.00	31.97 2.61 0.00	34.94 2.83 0.00	38.77 3.10 0.00	42.92 2.88 0.00	56.17 4.35 0.00	61.19 5.31 0.00	50.64 3.75 0.00	41.72 3.05 0.00	35.80 2.47 0.00	30.88 2.02 0.00	27.70 1.98 0.00
BROOKLYN___ARMY_DRP 323595	26.17 1.83 -0.01	24.32 1.48 0.00	23.25 1.38 0.00	22.64 1.24 0.00	23.64 1.34 0.00	27.62 1.34 0.00	39.40 1.62 0.00	47.99 2.15 0.00	41.26 2.37 0.00	32.63 2.13 0.00	30.93 2.16 0.00	30.53 2.34 0.00	30.76 2.44 0.00	31.94 2.58 0.00	34.94 2.83 0.00	38.70 3.03 0.00	42.76 2.72 0.00	55.75 3.94 0.00	60.40 4.53 0.00	50.31 3.42 0.00	41.37 2.71 0.00	35.67 2.33 0.00	31.02 2.16 0.00	27.90 2.19 0.00
BROOKVLE_69_KV_TB1 55790	26.09 1.75 0.00	24.23 1.39 0.00	23.11 1.25 0.00	22.51 1.11 0.00	23.53 1.23 0.00	27.69 1.42 0.00	38.65 1.44 0.56	43.94 1.93 3.82	38.33 2.10 2.66	31.44 1.80 0.85	30.16 1.87 0.48	30.17 2.06 0.08	30.09 2.10 0.33	31.53 2.26 0.09	33.28 2.50 1.34	36.52 2.64 1.79	41.14 2.72 1.62	54.73 3.99 1.07	59.42 4.53 0.98	50.22 3.52 0.18	40.35 2.71 1.01	35.30 2.13 0.16	30.67 1.82 0.00	28.08 2.37 0.00
BROOME_2_LFGE 323671	25.10 0.76 0.00	23.41 0.57 0.00	22.44 0.57 0.00	21.99 0.60 0.00	22.91 0.60 0.00	26.98 0.71 0.00	39.10 1.32 0.00	47.44 1.60 0.00	40.29 1.40 0.00	31.59 1.10 0.00	29.84 1.07 0.00	29.21 1.01 0.00	29.31 0.99 0.00	30.21 0.85 0.00	33.01 0.90 0.00	36.71 1.04 0.00	41.20 1.16 0.00	53.06 1.24 0.00	57.89 2.01 0.00	48.34 1.46 0.00	39.71 1.04 0.00	34.37 1.03 0.00	29.81 0.95 0.00	26.69 0.98 0.00
BROOME___LFGE 323600	25.10 0.76 0.00	23.41 0.57 0.00	22.44 0.57 0.00	21.99 0.60 0.00	22.91 0.60 0.00	26.98 0.71 0.00	39.10 1.32 0.00	47.44 1.60 0.00	40.29 1.40 0.00	31.59 1.10 0.00	29.84 1.07 0.00	29.21 1.01 0.00	29.31 0.99 0.00	30.21 0.85 0.00	33.01 0.90 0.00	36.71 1.04 0.00	41.20 1.16 0.00	53.06 1.24 0.00	57.89 2.01 0.00	48.34 1.46 0.00	39.71 1.04 0.00	34.37 1.03 0.00	29.81 0.95 0.00	26.69 0.98 0.00
BROWNFLS_115KV_TB_3_5 80003	24.32 -0.02 0.00	23.00 0.16 0.00	22.02 0.15 0.00	21.59 0.19 0.00	22.57 0.27 0.00	26.64 0.37 0.00	38.53 0.76 0.00	46.85 1.01 0.00	39.32 0.43 0.00	30.70 0.21 0.00	28.86 0.09 0.00	28.31 0.11 0.00	28.30 -0.03 0.00	29.30 -0.06 0.00	32.14 0.03 0.00	35.71 0.04 0.00	40.32 0.28 0.00	52.51 0.10 -0.59	56.10 -0.06 -0.28	46.85 -0.09 -0.05	38.66 0.00 0.00	33.43 0.10 0.00	28.77 -0.09 0.00	25.54 -0.18 0.00
BROWNSV1_27_KV_LOAD 356125	26.09 1.75 0.00	24.27 1.44 0.00	23.20 1.33 0.00	22.61 1.22 0.00	23.60 1.29 0.00	27.69 1.42 0.00	39.82 2.04 0.00	48.54 2.70 0.00	41.65 2.76 0.00	32.84 2.35 0.00	31.16 2.39 0.00	30.70 2.51 0.00	30.90 2.58 0.00	32.09 2.73 0.00	35.10 2.99 0.00	38.92 3.25 0.00	43.20 3.16 0.00	56.37 4.56 0.00	61.07 5.20 0.00	50.88 3.99 0.00	41.83 3.17 0.00	35.93 2.60 0.00	31.08 2.22 0.00	27.90 2.19 0.00
BURROWS___LYONSDAL 23803	24.46 0.12 0.00	22.97 0.14 0.00	22.02 0.15 0.00	21.59 0.19 0.00	22.59 0.29 0.00	26.70 0.42 0.00	38.68 0.91 0.00	47.03 1.19 0.00	39.55 0.66 0.00	30.92 0.43 0.00	29.03 0.26 0.00	28.53 0.34 0.00	28.52 0.20 0.00	29.53 0.18 0.00	32.40 0.29 0.00	36.03 0.36 0.00	40.64 0.60 0.00	52.95 0.62 -0.52	56.80 0.67 -0.25	47.45 0.52 -0.05	38.93 0.27 0.00	33.73 0.40 0.00	29.12 0.26 0.00	25.84 0.13 0.00
CAITHNESS_CC_1 323624	25.53 1.19 0.00	23.98 1.14 0.00	22.81 0.94 0.00	22.08 0.68 0.00	23.22 0.91 0.00	27.54 1.26 0.00	37.40 0.87 1.25	38.47 1.19 8.56	34.28 1.24 5.86	29.31 0.70 1.89	28.65 0.95 1.07	29.13 1.13 0.19	28.68 1.10 0.74	30.92 1.76 0.20	30.92 1.76 2.96	33.85 2.00 3.81	38.92 2.08 3.20	53.01 3.32 2.13	58.12 4.19 1.95	49.52 3.00 0.37	38.93 2.28 2.01	34.67 1.67 0.33	30.20 1.36 0.02	28.01 2.29 -0.01
CALPINE BETH_PAGE_GT4 24209	26.04 1.70 0.00	24.16 1.32 0.00	23.05 1.18 0.00	22.44 1.05 0.00	23.49 1.18 0.00	27.62 1.34 0.00	37.98 1.13 0.93	40.97 1.56 6.43	36.23 1.75 4.41	30.63 1.56 1.42	29.59 1.61 0.80	29.86 1.80 0.14	29.61 1.84 0.55	31.21 2.00 0.14	32.07 2.18 2.22	34.88 2.14 2.93	39.67 2.20 2.57	53.43 3.32 1.71	58.12 3.80 1.56	49.50 2.91 0.29	39.29 2.24 1.61	34.81 1.73 0.26	30.47 1.62 0.01	28.11 2.39 0.00
CALPINE_BETH_PAGE_GT_4 323586	25.95 1.61 0.00	24.30 1.46 0.00	23.14 1.27 0.00	22.46 1.07 0.00	23.55 1.25 0.00	27.69 1.42 0.00	38.05 1.21 0.94	41.01 1.60 6.44	36.18 1.71 4.42	30.56 1.49 1.42	29.66 1.70 0.81	29.91 1.86 0.14	29.63 1.87 0.56	31.32 2.11 0.15	32.10 2.21 2.23	34.98 2.25 2.94	39.70 2.24 2.58	53.63 3.53 1.71	58.67 4.36 1.57	49.64 3.05 0.30	39.40 2.36 1.62	34.90 1.83 0.27	30.40 1.56 0.01	27.93 2.21 -0.01
CALPINE_BP_GT1 23823	25.95 1.61 0.00	24.30 1.46 0.00	23.14 1.27 0.00	22.46 1.07 0.00	23.55 1.25 0.00	27.69 1.42 0.00	38.05 1.21 0.94	41.01 1.60 6.44	36.18 1.71 4.42	30.56 1.49 1.42	29.66 1.70 0.81	29.91 1.86 0.14	29.63 1.87 0.56	31.32 2.11 0.15	32.10 2.21 2.23	34.98 2.25 2.94	39.70 2.24 2.58	53.63 3.53 1.71	58.67 4.36 1.57	49.64 3.05 0.30	39.40 2.36 1.62	34.90 1.83 0.27	30.40 1.56 0.01	27.93 2.21 -0.01
CALSPAN___DRP 24200	24.10 -0.24 0.00	22.61 -0.23 0.00	21.96 0.09 0.00	21.50 0.11 0.00	22.28 -0.02 0.00	26.30 0.03 0.00	38.08 0.30 0.00	46.07 0.23 0.00	38.74 -0.16 0.00	30.70 0.21 0.00	29.29 0.52 0.00	28.59 0.39 0.00	28.64 0.31 0.00	29.45 0.09 0.00	32.05 -0.06 0.00	35.35 -0.32 0.00	39.84 -0.20 0.00	50.00 -1.81 0.00	54.20 -1.68 0.00	45.62 -1.27 0.00	37.27 -1.39 0.00	32.83 -0.50 0.00	28.68 -0.17 0.00	25.84 0.13 0.00



CALVERTON___SOLAR 323806	25.48 1.14 0.00	23.91 1.07 0.00	22.74 0.88 0.00	22.02 0.62 0.00	23.15 0.85 0.00	27.56 1.29 0.00	37.63 1.10 1.24	38.70 1.42 8.56	34.43 1.40 5.86	29.18 0.58 1.88	28.54 0.83 1.07	29.05 1.04 0.19	28.57 0.99 0.74	31.04 1.88 0.20	31.08 1.93 2.95	34.11 2.25 3.81	39.28 2.44 3.20	53.52 3.83 2.13	58.74 4.81 1.95	50.08 3.56 0.37	39.32 2.67 2.01	34.90 1.90 0.33	30.37 1.53 0.02	28.17 2.44 -0.01
CANDIGU_WT_PWR 323617	24.71 0.37 0.00	23.00 0.16 0.00	22.17 0.31 0.00	21.78 0.39 0.00	22.62 0.31 0.00	26.75 0.47 0.00	38.80 1.02 0.00	47.08 1.24 0.00	39.98 1.09 0.00	31.34 0.85 0.00	29.61 0.83 0.00	28.95 0.76 0.00	29.06 0.74 0.00	29.80 0.44 0.00	32.53 0.42 0.00	36.10 0.43 0.00	40.60 0.56 0.00	51.76 -0.05 0.00	56.60 0.72 0.00	47.17 0.28 0.00	38.70 0.04 0.00	33.60 0.27 0.00	29.14 0.29 0.00	26.15 0.44 0.00
CARR STREET_E_SYR 24060	23.90 -0.44 0.00	22.36 -0.48 0.00	21.48 -0.39 0.00	21.01 -0.38 0.00	21.86 -0.45 0.00	25.83 -0.45 0.00	37.25 -0.53 0.00	45.24 -0.60 0.00	38.35 -0.54 0.00	30.06 -0.43 0.00	28.28 -0.49 0.00	27.69 -0.51 0.00	27.84 -0.48 0.00	28.80 -0.56 0.00	31.47 -0.64 0.00	35.06 -0.61 0.00	39.24 -0.80 0.00	51.67 -1.19 -1.04	55.43 -0.95 -0.50	46.05 -0.94 -0.10	37.85 -0.81 0.00	32.80 -0.53 0.00	28.39 -0.46 0.00	25.28 -0.44 0.00
CARTHAGE___PAPER 23857	24.24 -0.10 0.00	22.81 -0.02 0.00	21.87 0.00 0.00	21.46 0.06 0.00	22.44 0.13 0.00	26.56 0.29 0.00	38.61 0.83 0.00	46.94 1.10 0.00	39.32 0.43 0.00	30.67 0.18 0.00	28.69 -0.09 0.00	28.19 0.00 0.00	28.15 -0.17 0.00	29.12 -0.24 0.00	31.95 -0.16 0.00	35.53 -0.14 0.00	40.20 0.16 0.00	53.06 0.05 -1.19	56.56 0.11 -0.57	47.09 0.09 -0.11	38.62 -0.04 0.00	33.53 0.20 0.00	28.86 0.00 0.00	25.59 -0.13 0.00
CASSADAGA_WT_PWR 323784	24.66 0.32 0.00	22.86 0.02 0.00	22.22 0.35 0.00	21.86 0.47 0.00	22.66 0.36 0.00	26.88 0.60 0.00	39.02 1.24 0.00	47.54 1.70 0.00	40.49 1.60 0.00	31.80 1.31 0.00	30.15 1.38 0.00	29.66 1.47 0.00	29.88 1.56 0.00	30.65 1.29 0.00	33.49 1.38 0.00	36.88 1.21 0.00	41.64 1.60 0.00	52.28 0.47 0.00	56.94 1.06 0.00	46.66 -0.23 0.00	37.97 -0.69 0.00	32.83 -0.50 0.00	28.54 -0.32 0.00	25.64 -0.08 0.00
CE_DUNWOOD___DRP 24194	25.75 1.41 0.00	24.00 1.16 0.00	22.94 1.07 0.00	22.38 0.98 0.00	23.35 1.05 0.00	27.43 1.16 0.00	39.40 1.62 0.00	48.04 2.20 0.00	41.15 2.26 0.00	32.35 1.86 0.00	30.67 1.90 0.00	30.19 2.00 0.00	30.39 2.07 0.00	31.56 2.20 0.00	34.52 2.41 0.00	38.24 2.57 0.00	42.60 2.56 0.00	55.55 3.73 0.00	60.18 4.30 0.00	50.22 3.33 0.00	41.29 2.63 0.00	35.43 2.10 0.00	30.67 1.82 0.00	27.57 1.85 0.00
CE_MILLWOOD___DRP 24193	25.73 1.39 0.00	23.98 1.14 0.00	22.92 1.05 0.00	22.36 0.96 0.00	23.33 1.03 0.00	27.41 1.13 0.00	39.36 1.59 0.00	47.99 2.15 0.00	41.07 2.18 0.00	32.29 1.80 0.00	30.61 1.84 0.00	30.14 1.95 0.00	30.31 1.98 0.00	31.50 2.14 0.00	34.45 2.34 0.00	38.17 2.50 0.00	42.52 2.48 0.00	55.49 3.68 0.00	60.07 4.19 0.00	50.12 3.24 0.00	41.21 2.55 0.00	35.40 2.07 0.00	30.65 1.79 0.00	27.52 1.80 0.00
CE_NYC2_DRP 24202	26.03 1.68 -0.01	24.21 1.37 0.00	23.14 1.27 0.00	22.55 1.16 0.00	23.55 1.25 0.00	27.56 1.29 0.00	39.44 1.66 0.00	47.95 2.11 0.00	41.22 2.33 0.00	32.59 2.10 0.00	30.90 2.13 0.00	30.48 2.28 0.00	30.67 2.35 0.00	31.85 2.50 0.00	34.84 2.73 0.00	38.56 2.89 0.00	42.72 2.68 0.00	55.70 3.89 0.00	60.29 4.41 0.00	50.22 3.33 0.00	41.33 2.67 0.00	35.63 2.30 0.00	30.90 2.05 0.00	27.80 2.08 0.00
CE_NYC_DRP 24195	25.95 1.61 0.00	24.16 1.32 0.00	23.09 1.22 0.00	22.51 1.11 0.00	23.49 1.18 0.00	27.56 1.29 0.00	39.63 1.85 0.00	48.32 2.48 0.00	41.46 2.57 0.00	32.69 2.20 0.00	30.99 2.22 0.00	30.53 2.34 0.00	30.73 2.41 0.00	31.94 2.58 0.00	34.90 2.79 0.00	38.67 3.00 0.00	42.96 2.92 0.00	56.01 4.20 0.00	60.68 4.81 0.00	50.55 3.66 0.00	41.60 2.94 0.00	35.73 2.40 0.00	30.90 2.05 0.00	27.75 2.03 0.00
CHAFFEE___LFGE 323603	24.51 0.17 0.00	22.70 -0.14 0.00	22.06 0.20 0.00	21.67 0.28 0.00	22.42 0.11 0.00	26.59 0.32 0.00	38.42 0.64 0.00	46.57 0.73 0.00	39.59 0.70 0.00	31.13 0.64 0.00	29.40 0.63 0.00	28.73 0.53 0.00	28.89 0.57 0.00	29.59 0.23 0.00	32.27 0.16 0.00	35.60 -0.07 0.00	40.12 0.08 0.00	50.42 -1.40 0.00	55.21 -0.67 0.00	45.95 -0.94 0.00	37.85 -0.81 0.00	32.97 -0.37 0.00	28.77 -0.09 0.00	25.95 0.23 0.00
CHATEAUG_35_KV_LOAD 355732	24.36 0.02 0.00	23.20 0.37 0.00	22.22 0.35 0.00	21.80 0.41 0.00	22.75 0.45 0.00	26.77 0.50 0.00	38.27 0.49 0.00	46.25 0.41 0.00	39.09 0.19 0.00	30.70 0.21 0.00	29.03 0.26 0.00	28.39 0.20 0.00	28.44 0.11 0.00	29.50 0.15 0.00	32.30 0.19 0.00	35.81 0.14 0.00	40.24 0.20 0.00	51.97 0.16 0.00	55.43 -0.45 0.00	46.33 -0.56 0.00	38.35 -0.31 0.00	33.00 -0.33 0.00	28.34 -0.52 0.00	25.00 -0.72 0.00
CHATEAUG_WT_PWR 323614	24.32 -0.02 0.00	23.13 0.30 0.00	22.15 0.28 0.00	21.74 0.34 0.00	22.68 0.38 0.00	26.69 0.42 0.00	37.66 -0.11 0.00	45.29 -0.55 0.00	38.31 -0.58 0.00	30.34 -0.15 0.00	28.69 -0.09 0.00	28.05 -0.14 0.00	28.10 -0.23 0.00	29.12 -0.24 0.00	31.89 -0.22 0.00	34.89 -0.78 0.00	39.44 -0.60 0.00	50.93 -0.88 0.00	53.87 -2.01 0.00	45.44 -1.45 0.00	37.42 -1.24 0.00	32.30 -1.03 0.00	28.28 -0.58 0.00	24.92 -0.80 0.00
CHAT_HIGH_FALL_HYD 323578	24.36 0.02 0.00	23.20 0.37 0.00	22.22 0.35 0.00	21.80 0.41 0.00	22.75 0.45 0.00	26.77 0.50 0.00	38.27 0.49 0.00	46.25 0.41 0.00	39.09 0.19 0.00	30.70 0.21 0.00	29.03 0.26 0.00	28.39 0.20 0.00	28.44 0.11 0.00	29.50 0.15 0.00	32.30 0.19 0.00	35.81 0.14 0.00	40.24 0.20 0.00	51.97 0.16 0.00	55.43 -0.45 0.00	46.33 -0.56 0.00	38.35 -0.31 0.00	33.00 -0.33 0.00	28.34 -0.52 0.00	25.00 -0.72 0.00
CHAUTAUQUA___LFGE 323629	24.63 0.29 0.00	22.84 0.00 0.00	22.17 0.31 0.00	21.80 0.41 0.00	22.57 0.27 0.00	26.75 0.47 0.00	38.76 0.98 0.00	47.08 1.24 0.00	40.02 1.13 0.00	31.47 0.98 0.00	29.78 1.01 0.00	29.32 1.13 0.00	29.51 1.19 0.00	30.24 0.88 0.00	33.01 0.90 0.00	36.42 0.75 0.00	41.08 1.04 0.00	51.61 -0.21 0.00	56.32 0.44 0.00	46.33 -0.56 0.00	37.97 -0.69 0.00	32.97 -0.37 0.00	28.74 -0.11 0.00	25.90 0.18 0.00
CHERRYST_13_KV_LD 356241	25.99 1.66 0.00	24.21 1.37 0.00	23.14 1.27 0.00	22.55 1.16 0.00	23.55 1.25 0.00	27.62 1.34 0.00	39.74 1.96 0.00	48.45 2.61 0.00	41.57 2.68 0.00	32.78 2.29 0.00	31.10 2.33 0.00	30.65 2.45 0.00	30.84 2.52 0.00	32.06 2.70 0.00	35.03 2.92 0.00	38.85 3.17 0.00	43.12 3.08 0.00	56.22 4.40 0.00	60.85 4.97 0.00	50.73 3.84 0.00	41.72 3.05 0.00	35.83 2.50 0.00	30.99 2.14 0.00	27.82 2.11 0.00



CHESTROR_138KV_BK263 355645	25.48 1.14 0.00	23.79 0.96 0.00	22.74 0.87 0.00	22.19 0.79 0.00	23.15 0.85 0.00	27.19 0.92 0.00	39.21 1.44 0.00	47.72 1.88 0.00	40.76 1.87 0.00	31.98 1.49 0.00	30.27 1.50 0.00	29.77 1.58 0.00	29.91 1.59 0.00	31.06 1.70 0.00	33.97 1.86 0.00	37.67 2.00 0.00	42.08 2.04 0.00	54.87 3.06 0.00	59.34 3.46 0.00	49.66 2.77 0.00	40.79 2.13 0.00	35.07 1.73 0.00	30.39 1.53 0.00	27.21 1.49 0.00
CH_MIDHUDSON___DRP 24192	25.68 1.34 0.00	23.95 1.12 0.00	22.90 1.03 0.00	22.34 0.94 0.00	23.33 1.03 0.00	27.38 1.10 0.00	39.48 1.70 0.00	48.04 2.20 0.00	41.07 2.18 0.00	32.20 1.71 0.00	30.47 1.70 0.00	29.97 1.78 0.00	30.16 1.84 0.00	31.35 2.00 0.00	34.29 2.18 0.00	38.06 2.39 0.00	42.52 2.48 0.00	55.49 3.68 0.00	60.01 4.13 0.00	50.12 3.24 0.00	41.21 2.55 0.00	35.37 2.03 0.00	30.62 1.76 0.00	27.41 1.70 0.00
CH_MISC_IPPS 23765	25.78 1.44 0.00	24.14 1.30 0.00	23.00 1.14 0.00	22.46 1.07 0.00	23.46 1.16 0.00	27.54 1.26 0.00	39.74 1.96 0.00	48.31 2.47 0.00	41.22 2.33 0.00	32.29 1.80 0.00	30.64 1.87 0.00	30.11 1.92 0.00	30.28 1.95 0.00	31.47 2.11 0.00	34.49 2.38 0.00	38.31 2.64 0.00	42.76 2.72 0.00	55.91 4.09 0.00	60.80 4.92 0.00	50.45 3.56 0.00	41.48 2.82 0.00	35.60 2.27 0.00	30.70 1.85 0.00	27.46 1.75 0.00
CH_RES_BVR_FALLS 23983	24.05 -0.29 0.00	22.70 -0.14 0.00	21.74 -0.13 0.00	21.31 -0.09 0.00	22.24 -0.07 0.00	26.17 -0.10 0.00	37.51 -0.26 0.00	45.43 -0.41 0.00	38.46 -0.43 0.00	30.22 -0.27 0.00	28.57 -0.20 0.00	28.00 -0.20 0.00	28.10 -0.23 0.00	29.12 -0.24 0.00	31.89 -0.22 0.00	35.31 -0.36 0.00	39.76 -0.28 0.00	51.30 -0.52 0.00	54.76 -1.12 0.00	45.95 -0.94 0.00	37.81 -0.85 0.00	32.50 -0.83 0.00	28.11 -0.75 0.00	24.97 -0.75 0.00
CH_RES_NIAGARA 23895	23.34 -1.00 0.00	21.92 -0.91 0.00	21.28 -0.59 0.00	20.86 -0.53 0.00	21.59 -0.71 0.00	25.46 -0.81 0.00	36.68 -1.10 0.00	44.24 -1.60 0.00	37.18 -1.71 0.00	29.52 -0.98 0.00	28.14 -0.63 0.00	27.49 -0.70 0.00	27.53 -0.79 0.00	28.24 -1.12 0.00	30.70 -1.41 0.00	33.89 -1.78 0.00	38.12 -1.92 0.00	47.72 -4.09 0.00	51.74 -4.13 0.00	43.61 -3.28 0.00	35.80 -2.86 0.00	31.67 -1.67 0.00	27.76 -1.10 0.00	25.05 -0.67 0.00
CH_RES_SYRACUSE 23985	24.02 -0.32 0.00	22.47 -0.37 0.00	21.56 -0.31 0.00	21.09 -0.30 0.00	21.97 -0.33 0.00	25.93 -0.34 0.00	37.40 -0.38 0.00	45.47 -0.37 0.00	38.54 -0.35 0.00	30.19 -0.30 0.00	28.40 -0.37 0.00	27.80 -0.39 0.00	27.93 -0.40 0.00	28.89 -0.47 0.00	31.60 -0.52 0.00	35.21 -0.46 0.00	39.52 -0.52 0.00	52.80 -0.83 -1.82	56.19 -0.56 -0.87	46.45 -0.61 -0.17	38.16 -0.50 0.00	32.97 -0.37 0.00	28.54 -0.32 0.00	25.38 -0.34 0.00
CLINTON_WT_PWR 323605	24.32 -0.02 0.00	23.13 0.30 0.00	22.15 0.28 0.00	21.74 0.34 0.00	22.68 0.38 0.00	26.69 0.42 0.00	37.66 -0.11 0.00	45.29 -0.55 0.00	38.31 -0.58 0.00	30.34 -0.15 0.00	28.69 -0.09 0.00	28.05 -0.14 0.00	28.10 -0.23 0.00	29.12 -0.24 0.00	31.89 -0.22 0.00	34.89 -0.78 0.00	39.44 -0.60 0.00	50.93 -0.88 0.00	53.87 -2.01 0.00	45.44 -1.45 0.00	37.42 -1.24 0.00	32.30 -1.03 0.00	28.28 -0.58 0.00	24.92 -0.80 0.00
CLINTON___LFGE 323618	24.80 0.46 0.00	23.73 0.89 0.00	22.68 0.81 0.00	22.25 0.86 0.00	23.24 0.94 0.00	27.40 1.13 0.00	37.89 0.11 0.00	45.20 -0.64 0.00	38.11 -0.78 0.00	30.55 0.06 0.00	28.92 0.14 0.00	28.22 0.03 0.00	28.24 -0.08 0.00	29.33 -0.03 0.00	32.14 0.03 0.00	34.60 -1.07 0.00	39.36 -0.68 0.00	50.88 -0.93 0.00	53.70 -2.18 0.00	45.20 -1.69 0.00	37.19 -1.47 0.00	32.44 -0.90 0.00	28.86 0.00 0.00	25.46 -0.26 0.00
COBBLENY_34_KV_TB1 80064	24.14 -0.19 0.00	22.65 -0.18 0.00	22.00 0.13 0.00	21.54 0.15 0.00	22.33 0.02 0.00	26.38 0.11 0.00	38.19 0.42 0.00	46.30 0.46 0.00	38.89 0.00 0.00	30.83 0.34 0.00	29.38 0.60 0.00	28.70 0.51 0.00	28.75 0.42 0.00	29.56 0.21 0.00	32.21 0.10 0.00	35.49 -0.18 0.00	40.04 0.00 0.00	50.26 -1.55 0.00	54.48 -1.40 0.00	45.81 -1.08 0.00	37.43 -1.24 0.00	32.93 -0.40 0.00	28.77 -0.09 0.00	25.92 0.21 0.00
COFFEEN___115KV_TB3 355620	24.44 0.10 0.00	22.97 0.14 0.00	22.00 0.13 0.00	21.59 0.19 0.00	22.57 0.27 0.00	26.72 0.45 0.00	38.95 1.17 0.00	47.44 1.60 0.00	39.55 0.66 0.00	30.89 0.40 0.00	28.83 0.06 0.00	28.25 0.06 0.00	28.18 -0.14 0.00	29.12 -0.23 0.00	31.98 -0.13 0.00	35.64 -0.04 0.00	40.32 0.28 0.00	53.62 0.36 -1.44	57.18 0.61 -0.69	47.59 0.56 -0.13	38.97 0.31 0.00	33.93 0.60 0.00	29.17 0.32 0.00	25.82 0.10 0.00
COLDSPRG_115KV_BK1 355956	24.68 0.34 0.00	23.18 0.34 0.00	22.48 0.61 0.00	22.01 0.62 0.00	22.84 0.54 0.00	27.04 0.76 0.00	39.44 1.66 0.00	47.99 2.15 0.00	40.33 1.44 0.00	31.95 1.46 0.00	30.50 1.73 0.00	29.88 1.69 0.00	29.91 1.59 0.00	30.82 1.47 0.00	33.62 1.51 0.00	36.99 1.32 0.00	41.80 1.76 0.00	52.54 0.73 0.00	56.83 0.95 0.00	47.45 0.56 0.00	38.43 -0.23 0.00	33.67 0.33 0.00	29.32 0.46 0.00	26.38 0.67 0.00
COLONIE_LFGE___ 323577	25.31 0.97 0.00	23.75 0.91 0.00	22.65 0.79 0.00	22.14 0.75 0.00	23.11 0.80 0.00	27.25 0.97 0.00	39.21 1.44 0.00	47.63 1.79 0.00	40.45 1.56 0.00	31.56 1.07 0.00	29.78 1.01 0.00	29.24 1.04 0.00	29.46 1.13 0.00	30.68 1.32 0.00	33.52 1.41 0.00	37.35 1.68 0.00	42.00 1.96 0.00	54.71 2.90 0.00	59.57 3.69 0.00	49.61 2.72 0.00	40.87 2.20 0.00	35.00 1.67 0.00	30.27 1.41 0.00	26.95 1.23 0.00
COOPERNY_115KV_TB1 80082	25.26 0.92 0.00	23.61 0.78 0.00	22.59 0.72 0.00	22.04 0.64 0.00	23.00 0.69 0.00	27.04 0.76 0.00	38.99 1.21 0.00	47.40 1.56 0.00	40.41 1.52 0.00	31.71 1.22 0.00	30.01 1.24 0.00	29.46 1.27 0.00	29.60 1.27 0.00	30.71 1.35 0.00	33.59 1.48 0.00	37.24 1.57 0.00	41.64 1.60 0.00	54.15 2.33 0.00	58.56 2.68 0.00	49.05 2.16 0.00	40.33 1.66 0.00	34.73 1.40 0.00	30.10 1.24 0.00	26.95 1.23 0.00
COPENHAGEN_WT_PWR 323753	24.24 -0.10 0.00	22.77 -0.07 0.00	21.85 -0.02 0.00	21.42 0.02 0.00	22.37 0.07 0.00	26.48 0.21 0.00	38.49 0.72 0.00	46.85 1.01 0.00	39.24 0.35 0.00	30.64 0.15 0.00	28.66 -0.11 0.00	28.08 -0.11 0.00	28.07 -0.26 0.00	29.01 -0.35 0.00	31.82 -0.29 0.00	35.42 -0.25 0.00	40.00 -0.04 0.00	53.22 -0.10 -1.51	56.77 0.17 -0.72	47.12 0.09 -0.14	38.62 -0.04 0.00	33.57 0.23 0.00	28.91 0.06 0.00	25.61 -0.10 0.00
CORNELL_____ 23752	24.39 0.05 0.00	22.88 0.05 0.00	21.93 0.07 0.00	21.48 0.09 0.00	22.37 0.07 0.00	26.43 0.16 0.00	38.27 0.49 0.00	46.53 0.69 0.00	39.16 0.27 0.00	30.64 0.15 0.00	28.77 0.00 0.00	28.11 -0.08 0.00	28.18 -0.14 0.00	29.15 -0.21 0.00	31.92 -0.19 0.00	35.60 -0.07 0.00	40.08 0.04 0.00	52.77 0.00 -0.95	56.61 0.28 -0.46	47.21 0.23 -0.09	38.74 0.08 0.00	33.53 0.20 0.00	29.03 0.17 0.00	25.77 0.05 0.00



CORONA__69_KV_TB1 355595	26.04 1.70 0.00	24.18 1.35 0.00	23.07 1.20 0.00	22.49 1.09 0.00	23.49 1.18 0.00	27.64 1.37 0.00	38.98 1.36 0.16	46.80 1.83 0.88	40.14 1.98 0.74	31.99 1.74 0.24	30.45 1.81 0.13	30.17 2.00 0.02	30.27 2.04 0.09	31.51 2.17 0.02	34.11 2.38 0.37	37.66 2.46 0.48	42.17 2.52 0.39	55.34 3.78 0.26	59.94 4.30 0.24	50.17 3.33 0.04	41.01 2.59 0.25	35.33 2.03 0.04	30.64 1.79 0.00	27.98 2.26 0.00
CORTLAND__115KV_TB3 80093	24.22 -0.12 0.00	22.70 -0.14 0.00	21.76 -0.11 0.00	21.29 -0.11 0.00	22.19 -0.11 0.00	26.20 -0.08 0.00	37.82 0.04 0.00	45.98 0.14 0.00	38.81 -0.08 0.00	30.40 -0.09 0.00	28.57 -0.20 0.00	27.94 -0.25 0.00	28.04 -0.28 0.00	29.00 -0.35 0.00	31.76 -0.35 0.00	35.39 -0.29 0.00	39.76 -0.28 0.00	52.62 -0.41 -1.22	56.24 -0.22 -0.58	46.82 -0.19 -0.11	38.43 -0.23 0.00	33.23 -0.10 0.00	28.77 -0.09 0.00	25.56 -0.15 0.00
COXSACKIE__GT 23611	25.51 1.17 0.00	23.95 1.12 0.00	22.85 0.98 0.00	22.33 0.94 0.00	23.33 1.03 0.00	27.46 1.18 0.00	39.74 1.96 0.00	48.04 2.20 0.00	40.68 1.79 0.00	31.28 0.79 0.00	29.32 0.55 0.00	28.64 0.45 0.00	28.92 0.60 0.00	30.06 0.70 0.00	33.11 1.00 0.00	37.17 1.50 0.00	42.20 2.16 0.00	55.55 3.73 0.00	60.51 4.64 0.00	50.36 3.47 0.00	41.25 2.59 0.00	35.17 1.83 0.00	30.47 1.61 0.00	26.97 1.26 0.00
CPV_VALLEY__CC1 323721	25.44 1.10 0.00	23.82 0.98 0.00	22.72 0.85 0.00	22.19 0.79 0.00	23.17 0.87 0.00	27.19 0.92 0.00	39.18 1.40 0.00	47.58 1.74 0.00	40.52 1.63 0.00	31.86 1.37 0.00	30.21 1.44 0.00	29.69 1.49 0.00	29.85 1.53 0.00	30.97 1.61 0.00	33.88 1.76 0.00	37.60 1.92 0.00	41.96 1.92 0.00	54.71 2.90 0.00	59.51 3.63 0.00	49.51 2.62 0.00	40.75 2.09 0.00	35.07 1.73 0.00	30.30 1.44 0.00	27.13 1.41 0.00
CPV_VALLEY__CC2 323722	25.44 1.10 0.00	23.82 0.98 0.00	22.72 0.85 0.00	22.19 0.79 0.00	23.17 0.87 0.00	27.19 0.92 0.00	39.18 1.40 0.00	47.58 1.74 0.00	40.52 1.63 0.00	31.86 1.37 0.00	30.21 1.44 0.00	29.69 1.49 0.00	29.85 1.53 0.00	30.97 1.61 0.00	33.88 1.76 0.00	37.60 1.92 0.00	41.96 1.92 0.00	54.71 2.90 0.00	59.51 3.63 0.00	49.51 2.62 0.00	40.75 2.09 0.00	35.07 1.73 0.00	30.30 1.44 0.00	27.13 1.41 0.00
CRESCENT__HYD 24018	25.31 0.97 0.00	23.75 0.91 0.00	22.65 0.79 0.00	22.14 0.75 0.00	23.11 0.80 0.00	27.25 0.97 0.00	39.21 1.44 0.00	47.63 1.79 0.00	40.45 1.56 0.00	31.56 1.07 0.00	29.78 1.01 0.00	29.24 1.04 0.00	29.46 1.13 0.00	30.68 1.32 0.00	33.52 1.41 0.00	37.35 1.68 0.00	42.00 1.96 0.00	54.71 2.90 0.00	59.57 3.69 0.00	49.61 2.72 0.00	40.87 2.20 0.00	35.00 1.67 0.00	30.27 1.41 0.00	26.95 1.23 0.00
CRICKET__VALLEY_CC1 323756	25.58 1.24 0.00	23.95 1.12 0.00	22.83 0.96 0.00	22.29 0.90 0.00	23.31 1.00 0.00	27.35 1.08 0.00	39.33 1.55 0.00	47.85 2.01 0.00	40.76 1.87 0.00	31.95 1.46 0.00	30.27 1.50 0.00	29.77 1.58 0.00	29.97 1.64 0.00	31.24 1.88 0.00	34.10 1.99 0.00	37.88 2.21 0.00	42.32 2.28 0.00	55.29 3.47 0.00	60.24 4.36 0.00	49.98 3.09 0.00	41.17 2.51 0.00	35.33 2.00 0.00	30.53 1.67 0.00	27.31 1.59 0.00
CRICKET__VALLEY_CC2 323757	25.58 1.24 0.00	23.95 1.12 0.00	22.83 0.96 0.00	22.29 0.90 0.00	23.31 1.00 0.00	27.35 1.08 0.00	39.33 1.55 0.00	47.85 2.01 0.00	40.76 1.87 0.00	31.95 1.46 0.00	30.27 1.50 0.00	29.77 1.58 0.00	29.97 1.64 0.00	31.24 1.88 0.00	34.10 1.99 0.00	37.88 2.21 0.00	42.32 2.28 0.00	55.29 3.47 0.00	60.24 4.36 0.00	49.98 3.09 0.00	41.17 2.51 0.00	35.33 2.00 0.00	30.53 1.67 0.00	27.31 1.59 0.00
CRICKET__VALLEY_CC3 323758	25.58 1.24 0.00	23.95 1.12 0.00	22.83 0.96 0.00	22.29 0.90 0.00	23.31 1.00 0.00	27.35 1.08 0.00	39.33 1.55 0.00	47.85 2.01 0.00	40.76 1.87 0.00	31.95 1.46 0.00	30.27 1.50 0.00	29.77 1.58 0.00	29.97 1.64 0.00	31.24 1.88 0.00	34.10 1.99 0.00	37.88 2.21 0.00	42.32 2.28 0.00	55.29 3.47 0.00	60.24 4.36 0.00	49.98 3.09 0.00	41.17 2.51 0.00	35.33 2.00 0.00	30.53 1.67 0.00	27.31 1.59 0.00
CRUCIBLE__METL_DRP 24180	24.02 -0.32 0.00	22.52 -0.32 0.00	21.58 -0.28 0.00	21.14 -0.26 0.00	22.01 -0.29 0.00	25.99 -0.29 0.00	37.40 -0.38 0.00	45.43 -0.41 0.00	38.42 -0.47 0.00	30.16 -0.34 0.00	28.40 -0.37 0.00	27.77 -0.42 0.00	27.93 -0.40 0.00	28.89 -0.47 0.00	31.56 -0.55 0.00	35.17 -0.50 0.00	39.48 -0.56 0.00	52.75 -0.88 -1.82	55.97 -0.78 -0.87	46.40 -0.66 -0.17	38.08 -0.58 0.00	32.93 -0.40 0.00	28.54 -0.32 0.00	25.38 -0.33 0.00
DAHOWA__HYDRO 323763	25.46 1.12 0.00	23.93 1.10 0.00	22.81 0.94 0.00	22.27 0.88 0.00	23.24 0.94 0.00	27.46 1.18 0.00	39.59 1.81 0.00	48.04 2.20 0.00	40.80 1.91 0.00	31.74 1.25 0.00	29.86 1.09 0.00	29.32 1.13 0.00	29.60 1.28 0.00	30.74 1.38 0.00	33.62 1.51 0.00	37.56 1.89 0.00	42.40 2.36 0.00	55.44 3.63 0.00	60.35 4.47 0.00	50.22 3.33 0.00	41.33 2.67 0.00	35.33 2.00 0.00	30.44 1.59 0.00	27.10 1.39 0.00
DANC__LFGE 323619	24.05 -0.29 0.00	22.56 -0.27 0.00	21.65 -0.22 0.00	21.20 -0.19 0.00	22.12 -0.18 0.00	26.17 -0.10 0.00	37.89 0.11 0.00	46.07 0.23 0.00	38.74 -0.15 0.00	30.31 -0.18 0.00	28.40 -0.37 0.00	27.83 -0.37 0.00	27.87 -0.45 0.00	28.80 -0.56 0.00	31.56 -0.55 0.00	35.14 -0.53 0.00	39.64 -0.40 0.00	53.02 -0.68 -1.88	56.33 -0.45 -0.90	46.64 -0.42 -0.17	38.24 -0.42 0.00	33.20 -0.13 0.00	28.66 -0.20 0.00	25.43 -0.28 0.00
DANSKAMMER__1 23586	25.78 1.44 0.00	24.14 1.30 0.00	23.00 1.14 0.00	22.46 1.07 0.00	23.46 1.16 0.00	27.54 1.26 0.00	39.74 1.96 0.00	48.31 2.47 0.00	41.22 2.33 0.00	32.29 1.80 0.00	30.64 1.87 0.00	30.11 1.92 0.00	30.28 1.95 0.00	31.47 2.11 0.00	34.49 2.38 0.00	38.31 2.64 0.00	42.76 2.72 0.00	55.91 4.09 0.00	60.80 4.92 0.00	50.45 3.56 0.00	41.48 2.82 0.00	35.60 2.27 0.00	30.70 1.85 0.00	27.46 1.75 0.00
DANSKAMMER__2 23589	25.78 1.44 0.00	24.14 1.30 0.00	23.00 1.14 0.00	22.46 1.07 0.00	23.46 1.16 0.00	27.54 1.26 0.00	39.74 1.96 0.00	48.31 2.47 0.00	41.22 2.33 0.00	32.29 1.80 0.00	30.64 1.87 0.00	30.11 1.92 0.00	30.28 1.95 0.00	31.47 2.11 0.00	34.49 2.38 0.00	38.31 2.64 0.00	42.76 2.72 0.00	55.91 4.09 0.00	60.80 4.92 0.00	50.45 3.56 0.00	41.48 2.82 0.00	35.60 2.27 0.00	30.70 1.85 0.00	27.46 1.75 0.00
DANSKAMMER__3 23590	25.78 1.44 0.00	24.14 1.30 0.00	23.00 1.14 0.00	22.46 1.07 0.00	23.46 1.16 0.00	27.54 1.26 0.00	39.74 1.96 0.00	48.31 2.47 0.00	41.22 2.33 0.00	32.29 1.80 0.00	30.64 1.87 0.00	30.11 1.92 0.00	30.28 1.95 0.00	31.47 2.11 0.00	34.49 2.38 0.00	38.31 2.64 0.00	42.76 2.72 0.00	55.91 4.09 0.00	60.80 4.92 0.00	50.45 3.56 0.00	41.48 2.82 0.00	35.60 2.27 0.00	30.70 1.85 0.00	27.46 1.75 0.00



DANSKAMMER___4 23591	25.78 1.44 0.00	24.14 1.30 0.00	23.00 1.14 0.00	22.46 1.07 0.00	23.46 1.16 0.00	27.54 1.26 0.00	39.74 1.96 0.00	48.31 2.47 0.00	41.22 2.33 0.00	32.29 1.80 0.00	30.64 1.87 0.00	30.11 1.92 0.00	30.28 1.95 0.00	31.47 2.11 0.00	34.49 2.38 0.00	38.31 2.64 0.00	42.76 2.72 0.00	55.91 4.09 0.00	60.80 4.92 0.00	50.45 3.56 0.00	41.48 2.82 0.00	35.60 2.27 0.00	30.70 1.85 0.00	27.46 1.75 0.00
DANSKAMMER___DIESEL 23592	25.75 1.41 0.00	24.05 1.21 0.00	22.96 1.09 0.00	22.40 1.01 0.00	23.40 1.09 0.00	27.46 1.18 0.00	39.67 1.89 0.00	48.22 2.38 0.00	41.26 2.37 0.00	32.32 1.83 0.00	30.58 1.81 0.00	30.05 1.86 0.00	30.25 1.93 0.00	31.41 2.05 0.00	34.42 2.31 0.00	38.20 2.53 0.00	42.68 2.64 0.00	55.75 3.94 0.00	60.24 4.36 0.00	50.36 3.47 0.00	41.37 2.71 0.00	35.47 2.13 0.00	30.70 1.85 0.00	27.49 1.77 0.00
DARBY___SOLAR 323810	25.44 1.10 0.00	23.89 1.05 0.00	22.77 0.90 0.00	22.25 0.86 0.00	23.22 0.91 0.00	27.40 1.13 0.00	39.48 1.70 0.00	47.95 2.11 0.00	40.72 1.83 0.00	31.71 1.22 0.00	29.86 1.09 0.00	29.29 1.10 0.00	29.57 1.24 0.00	30.74 1.38 0.00	33.59 1.48 0.00	37.52 1.85 0.00	42.32 2.28 0.00	55.23 3.42 0.00	60.12 4.24 0.00	50.03 3.14 0.00	41.21 2.55 0.00	35.23 1.90 0.00	30.41 1.56 0.00	27.05 1.34 0.00
DASHVILLE___HYD 23610	25.53 1.19 0.00	23.82 0.98 0.00	22.76 0.90 0.00	22.21 0.81 0.00	23.20 0.89 0.00	27.17 0.89 0.00	39.18 1.40 0.00	47.63 1.79 0.00	40.72 1.83 0.00	31.92 1.43 0.00	30.24 1.47 0.00	29.74 1.55 0.00	29.91 1.59 0.00	31.06 1.70 0.00	34.04 1.93 0.00	37.70 2.03 0.00	42.08 2.04 0.00	54.98 3.16 0.00	59.40 3.52 0.00	49.66 2.77 0.00	40.79 2.13 0.00	35.03 1.70 0.00	30.39 1.53 0.00	27.23 1.52 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	25.95 1.61 0.00	24.05 1.21 0.00	22.92 1.05 0.00	22.27 0.88 0.00	23.35 1.05 0.00	27.88 1.60 0.00	38.13 1.59 1.24	39.40 2.11 8.55	35.07 2.02 5.85	29.62 1.01 1.88	28.92 1.21 1.06	29.48 1.47 0.18	29.00 1.42 0.74	31.43 2.26 0.19	31.89 2.73 2.95	34.72 2.85 3.80	40.17 3.32 3.19	54.57 4.87 2.12	59.53 5.59 1.94	50.93 4.41 0.36	39.91 3.25 2.00	35.45 2.43 0.32	30.93 2.08 0.01	28.83 3.11 0.00
DELAWARE___LFGE 323621	25.34 1.00 0.00	23.70 0.87 0.00	22.70 0.83 0.00	22.19 0.79 0.00	23.13 0.83 0.00	27.25 0.97 0.00	39.40 1.62 0.00	47.86 2.02 0.00	40.60 1.71 0.00	31.86 1.37 0.00	30.04 1.27 0.00	29.46 1.27 0.00	29.51 1.19 0.00	30.56 1.20 0.00	33.46 1.35 0.00	37.17 1.50 0.00	41.72 1.68 0.00	54.15 2.33 0.00	58.50 2.63 0.00	49.14 2.25 0.00	40.44 1.78 0.00	34.90 1.57 0.00	30.24 1.39 0.00	27.00 1.29 0.00
DERFIELD_115KV_TB7 355931	24.44 0.10 0.00	22.90 0.07 0.00	21.93 0.07 0.00	21.44 0.04 0.00	22.37 0.07 0.00	26.35 0.08 0.00	37.89 0.11 0.00	45.98 0.14 0.00	39.05 0.16 0.00	30.61 0.12 0.00	28.86 0.09 0.00	28.31 0.11 0.00	28.44 0.11 0.00	29.47 0.12 0.00	32.24 0.13 0.00	35.85 0.18 0.00	40.24 0.20 0.00	52.13 0.31 0.00	56.21 0.34 0.00	47.17 0.28 0.00	38.86 0.19 0.00	33.47 0.13 0.00	29.00 0.14 0.00	25.87 0.15 0.00
DOGLEVILLE___HYD 23807	23.88 -0.46 0.00	22.40 -0.43 0.00	21.45 -0.42 0.00	20.99 -0.41 0.00	21.90 -0.40 0.00	25.83 -0.45 0.00	37.21 -0.57 0.00	45.02 -0.82 0.00	38.11 -0.78 0.00	29.88 -0.61 0.00	28.17 -0.61 0.00	27.66 -0.54 0.00	27.76 -0.57 0.00	28.77 -0.59 0.00	31.50 -0.61 0.00	35.03 -0.64 0.00	39.32 -0.72 0.00	50.83 -0.99 0.00	54.81 -1.06 0.00	45.86 -1.03 0.00	37.73 -0.93 0.00	32.70 -0.63 0.00	28.25 -0.61 0.00	25.17 -0.54 0.00
DUNKIRK___115KV_TB_200 55889	24.27 -0.07 0.00	22.77 -0.07 0.00	22.11 0.24 0.00	21.65 0.26 0.00	22.44 0.13 0.00	26.51 0.24 0.00	38.50 0.72 0.00	46.71 0.87 0.00	39.24 0.35 0.00	31.13 0.64 0.00	29.69 0.92 0.00	29.24 1.04 0.00	29.29 0.96 0.00	30.15 0.79 0.00	32.85 0.74 0.00	36.21 0.54 0.00	40.88 0.84 0.00	51.30 -0.52 0.00	55.43 -0.45 0.00	46.19 -0.70 0.00	37.54 -1.12 0.00	32.97 -0.37 0.00	28.77 -0.09 0.00	25.90 0.18 0.00
DUNKIRK___1 23563	24.27 -0.07 0.00	22.77 -0.07 0.00	22.11 0.24 0.00	21.65 0.26 0.00	22.44 0.13 0.00	26.51 0.24 0.00	38.50 0.72 0.00	46.71 0.87 0.00	39.24 0.35 0.00	31.13 0.64 0.00	29.69 0.92 0.00	29.24 1.04 0.00	29.29 0.96 0.00	30.15 0.79 0.00	32.85 0.74 0.00	36.21 0.54 0.00	40.88 0.84 0.00	51.30 -0.52 0.00	55.43 -0.45 0.00	46.19 -0.70 0.00	37.54 -1.12 0.00	32.97 -0.37 0.00	28.77 -0.09 0.00	25.90 0.18 0.00
DUNKIRK___2 23564	24.27 -0.07 0.00	22.77 -0.07 0.00	22.11 0.24 0.00	21.65 0.26 0.00	22.44 0.13 0.00	26.51 0.24 0.00	38.50 0.72 0.00	46.71 0.87 0.00	39.24 0.35 0.00	31.13 0.64 0.00	29.69 0.92 0.00	29.24 1.04 0.00	29.29 0.96 0.00	30.15 0.79 0.00	32.85 0.74 0.00	36.21 0.54 0.00	40.88 0.84 0.00	51.30 -0.52 0.00	55.43 -0.45 0.00	46.19 -0.70 0.00	37.54 -1.12 0.00	32.97 -0.37 0.00	28.77 -0.09 0.00	25.90 0.18 0.00
DUNKIRK___3 23565	24.19 -0.15 0.00	22.72 -0.11 0.00	22.04 0.17 0.00	21.59 0.19 0.00	22.37 0.07 0.00	26.43 0.16 0.00	38.34 0.57 0.00	46.48 0.64 0.00	39.05 0.16 0.00	30.98 0.49 0.00	29.55 0.78 0.00	28.87 0.68 0.00	28.89 0.57 0.00	29.71 0.35 0.00	32.37 0.26 0.00	35.67 0.00 0.00	40.28 0.24 0.00	50.62 -1.19 0.00	54.76 -1.12 0.00	46.00 -0.89 0.00	37.46 -1.20 0.00	32.93 -0.40 0.00	28.77 -0.09 0.00	25.90 0.18 0.00
DUNKIRK___4 23566	24.19 -0.15 0.00	22.72 -0.11 0.00	22.04 0.17 0.00	21.59 0.19 0.00	22.37 0.07 0.00	26.43 0.16 0.00	38.34 0.57 0.00	46.48 0.64 0.00	39.05 0.16 0.00	30.98 0.49 0.00	29.55 0.78 0.00	28.87 0.68 0.00	28.89 0.57 0.00	29.71 0.35 0.00	32.37 0.26 0.00	35.67 0.00 0.00	40.28 0.24 0.00	50.62 -1.19 0.00	54.76 -1.12 0.00	46.00 -0.89 0.00	37.46 -1.20 0.00	32.93 -0.40 0.00	28.77 -0.09 0.00	25.90 0.18 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	25.80 1.46 0.00	24.02 1.19 0.00	22.96 1.09 0.00	22.40 1.01 0.00	23.37 1.07 0.00	27.46 1.18 0.00	39.44 1.66 0.00	48.09 2.25 0.00	41.22 2.33 0.00	32.41 1.92 0.00	30.73 1.96 0.00	30.25 2.06 0.00	30.45 2.12 0.00	31.65 2.29 0.00	34.58 2.47 0.00	38.35 2.68 0.00	42.68 2.64 0.00	55.70 3.89 0.00	60.29 4.41 0.00	50.31 3.42 0.00	41.37 2.71 0.00	35.50 2.17 0.00	30.73 1.88 0.00	27.59 1.88 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	25.63 1.29 0.00	23.91 1.07 0.00	22.85 0.98 0.00	22.29 0.90 0.00	23.29 0.98 0.00	27.33 1.05 0.00	39.44 1.66 0.00	47.99 2.15 0.00	41.03 2.14 0.00	32.17 1.68 0.00	30.44 1.67 0.00	29.91 1.72 0.00	30.08 1.76 0.00	31.24 1.88 0.00	34.20 2.09 0.00	37.95 2.28 0.00	42.40 2.36 0.00	55.34 3.52 0.00	59.79 3.91 0.00	50.03 3.14 0.00	41.10 2.44 0.00	35.27 1.93 0.00	30.56 1.70 0.00	27.36 1.65 0.00



E179THST_138_KV_TB4_REV_LBMP_J 345001	26.12 1.78 -0.01	24.30 1.46 0.00	23.25 1.38 0.00	22.66 1.26 -0.01	23.65 1.34 -0.01	27.62 1.34 0.00	39.40 1.62 0.00	47.72 1.88 0.00	41.03 2.14 0.00	32.44 1.95 0.00	30.76 1.99 0.00	30.34 2.14 0.00	30.53 2.21 0.00	31.71 2.35 0.00	34.68 2.57 0.00	38.38 2.71 0.00	42.52 2.48 0.00	55.44 3.63 0.00	60.01 4.13 0.00	49.98 3.09 0.00	41.14 2.47 0.00	35.57 2.23 0.00	30.93 2.08 0.00	27.88 2.16 0.00
E179THST_13_KV_LOAD 356214	26.22 1.87 -0.01	24.39 1.55 0.00	23.31 1.44 0.00	22.73 1.33 -0.01	23.74 1.43 -0.01	27.69 1.42 0.00	39.59 1.81 0.00	47.95 2.11 0.00	41.22 2.33 0.00	32.59 2.10 0.00	30.90 2.13 0.00	30.48 2.28 0.00	30.70 2.38 0.00	31.85 2.50 0.00	34.84 2.73 0.00	38.60 2.93 0.00	42.72 2.68 0.00	55.70 3.89 0.00	60.35 4.47 0.00	50.27 3.38 0.00	41.37 2.71 0.00	35.73 2.40 0.00	31.05 2.19 0.00	28.00 2.29 0.00
EAST HAMPTON___GT 23717	26.09 1.75 0.00	24.43 1.60 0.00	23.25 1.38 0.00	22.46 1.07 0.00	23.66 1.36 0.00	28.19 1.92 0.00	38.61 2.08 1.24	39.90 2.61 8.56	35.49 2.45 5.86	29.92 1.31 1.88	29.32 1.61 1.06	29.87 1.86 0.19	29.34 1.76 0.74	31.92 2.76 0.20	32.08 2.92 2.95	35.29 3.42 3.81	40.76 3.93 3.20	55.49 5.80 2.13	60.86 6.93 1.95	51.82 5.30 0.37	40.64 3.98 2.01	35.94 2.93 0.33	31.09 2.25 0.02	28.83 3.11 -0.01
EAST RIVER___6 23660	25.92 1.58 0.00	24.25 1.42 0.00	23.11 1.25 0.00	22.53 1.13 0.00	23.55 1.25 0.00	27.64 1.37 0.00	39.74 1.96 0.00	48.45 2.61 0.00	41.46 2.57 0.00	32.72 2.22 0.00	31.13 2.36 0.00	30.70 2.51 0.00	30.87 2.55 0.00	32.09 2.73 0.00	35.06 2.95 0.00	38.95 3.28 0.00	43.12 3.08 0.00	56.38 4.56 0.00	61.30 5.42 0.00	50.78 3.89 0.00	41.83 3.17 0.00	35.90 2.57 0.00	30.93 2.08 0.00	27.72 2.01 0.00
EAST RIVER___7 23524	25.92 1.58 0.00	24.25 1.42 0.00	23.11 1.25 0.00	22.53 1.13 0.00	23.55 1.25 0.00	27.64 1.37 0.00	39.74 1.96 0.00	48.45 2.61 0.00	41.46 2.57 0.00	32.72 2.22 0.00	31.13 2.36 0.00	30.70 2.51 0.00	30.87 2.55 0.00	32.09 2.73 0.00	35.06 2.95 0.00	38.95 3.28 0.00	43.12 3.08 0.00	56.38 4.56 0.00	61.30 5.42 0.00	50.78 3.89 0.00	41.83 3.17 0.00	35.90 2.57 0.00	30.93 2.08 0.00	27.72 2.01 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	25.75 1.41 0.00	24.00 1.16 0.00	22.94 1.07 0.00	22.38 0.98 0.00	23.35 1.05 0.00	27.43 1.16 0.00	39.40 1.62 0.00	48.04 2.20 0.00	41.15 2.26 0.00	32.35 1.86 0.00	30.67 1.90 0.00	30.19 2.00 0.00	30.39 2.07 0.00	31.56 2.20 0.00	34.52 2.41 0.00	38.24 2.57 0.00	42.60 2.56 0.00	55.55 3.73 0.00	60.18 4.30 0.00	50.22 3.33 0.00	41.29 2.63 0.00	35.43 2.10 0.00	30.67 1.82 0.00	27.57 1.85 0.00
EAST_HAMPTON___DIESEL 23722	26.09 1.75 0.00	24.43 1.60 0.00	23.27 1.40 0.00	22.46 1.07 0.00	23.66 1.36 0.00	28.22 1.94 0.00	38.61 2.08 1.24	39.90 2.61 8.56	35.49 2.45 5.86	29.92 1.31 1.88	29.35 1.64 1.06	29.87 1.86 0.19	29.34 1.76 0.74	31.92 2.76 0.20	32.08 2.92 2.95	35.29 3.42 3.81	40.76 3.93 3.20	55.49 5.80 2.13	60.86 6.93 1.95	51.82 5.30 0.37	40.64 3.98 2.01	35.97 2.97 0.33	31.12 2.28 0.02	28.83 3.11 -0.01
EAST_POINT___SOLAR 323840	26.75 2.41 0.00	25.12 2.28 0.00	23.95 2.08 0.00	23.43 2.03 0.00	24.47 2.16 0.00	28.96 2.68 0.00	41.90 4.12 0.00	50.61 4.77 0.00	41.73 2.84 0.00	31.95 1.46 0.00	29.61 0.83 0.00	28.92 0.73 0.00	29.17 0.85 0.00	30.21 0.85 0.00	33.56 1.45 0.00	37.99 2.32 0.00	44.37 4.33 0.00	58.29 6.48 0.00	63.53 7.66 0.00	52.94 6.05 0.00	43.50 4.83 0.00	37.33 4.00 0.00	32.06 3.20 0.00	28.47 2.75 0.00
EAST_PULASKI___ESR 323781	23.88 -0.46 0.00	22.38 -0.46 0.00	21.48 -0.39 0.00	21.03 -0.36 0.00	21.90 -0.40 0.00	25.88 -0.39 0.00	37.36 -0.41 0.00	45.38 -0.46 0.00	38.35 -0.54 0.00	30.03 -0.46 0.00	28.20 -0.58 0.00	27.60 -0.59 0.00	27.70 -0.62 0.00	28.65 -0.70 0.00	31.37 -0.74 0.00	34.96 -0.71 0.00	39.28 -0.76 0.00	53.38 -1.09 -2.65	56.31 -0.84 -1.27	46.29 -0.84 -0.25	37.93 -0.74 0.00	32.87 -0.47 0.00	28.42 -0.43 0.00	25.25 -0.46 0.00
EAST_RIVER___1 323558	25.92 1.58 0.00	24.28 1.44 0.00	23.11 1.25 0.00	22.55 1.15 0.00	23.57 1.27 0.00	27.64 1.37 0.00	39.70 1.93 0.00	48.41 2.57 0.00	41.38 2.49 0.00	32.66 2.17 0.00	31.04 2.27 0.00	30.62 2.42 0.00	30.76 2.44 0.00	32.00 2.64 0.00	34.97 2.86 0.00	38.81 3.14 0.00	43.00 2.96 0.00	56.27 4.46 0.00	61.24 5.36 0.00	50.69 3.80 0.00	41.76 3.09 0.00	35.83 2.50 0.00	30.91 2.05 0.00	27.72 2.01 0.00
EAST_RIVER___2 323559	25.92 1.58 0.00	24.25 1.42 0.00	23.11 1.25 0.00	22.53 1.13 0.00	23.55 1.25 0.00	27.64 1.37 0.00	39.74 1.96 0.00	48.45 2.61 0.00	41.46 2.57 0.00	32.72 2.22 0.00	31.13 2.36 0.00	30.70 2.51 0.00	30.87 2.55 0.00	32.09 2.73 0.00	35.06 2.95 0.00	38.95 3.28 0.00	43.12 3.08 0.00	56.38 4.56 0.00	61.30 5.42 0.00	50.78 3.89 0.00	41.83 3.17 0.00	35.90 2.57 0.00	30.93 2.08 0.00	27.72 2.01 0.00
EAST___DELAWARE_HYD 23607	25.75 1.41 0.00	24.11 1.28 0.00	23.00 1.14 0.00	22.46 1.07 0.00	23.46 1.16 0.00	27.54 1.26 0.00	39.85 2.08 0.00	48.41 2.57 0.00	41.19 2.29 0.00	32.26 1.77 0.00	30.56 1.78 0.00	29.97 1.78 0.00	30.11 1.79 0.00	31.24 1.88 0.00	34.26 2.15 0.00	38.13 2.46 0.00	42.60 2.56 0.00	55.70 3.89 0.00	60.57 4.69 0.00	50.36 3.47 0.00	41.37 2.71 0.00	35.57 2.23 0.00	30.68 1.82 0.00	27.41 1.70 0.00
EIGHT_POINT___WT_PWR 323820	24.71 0.37 0.00	23.11 0.28 0.00	22.28 0.41 0.00	21.95 0.56 0.00	22.82 0.51 0.00	27.04 0.76 0.00	39.33 1.55 0.00	47.77 1.92 0.00	40.52 1.63 0.00	31.74 1.25 0.00	29.95 1.18 0.00	29.24 1.04 0.00	29.37 1.05 0.00	30.12 0.76 0.00	32.85 0.74 0.00	36.49 0.82 0.00	41.08 1.04 0.00	52.28 0.47 0.00	57.22 1.34 0.00	47.59 0.70 0.00	38.94 0.27 0.00	33.77 0.43 0.00	29.17 0.32 0.00	26.13 0.41 0.00
ELBRIDGE_115KV_TB2 80188	23.93 -0.41 0.00	22.42 -0.41 0.00	21.50 -0.37 0.00	21.05 -0.34 0.00	21.92 -0.38 0.00	25.85 -0.42 0.00	37.21 -0.57 0.00	45.20 -0.64 0.00	38.23 -0.66 0.00	30.00 -0.49 0.00	28.25 -0.52 0.00	27.66 -0.54 0.00	27.79 -0.54 0.00	28.74 -0.62 0.00	31.44 -0.67 0.00	34.96 -0.71 0.00	39.24 -0.80 0.00	52.62 -1.14 -1.94	55.75 -1.06 -0.93	46.18 -0.89 -0.18	37.89 -0.77 0.00	32.77 -0.57 0.00	28.39 -0.46 0.00	25.25 -0.46 0.00
ELEC_TRO_TEK 24086	25.87 1.53 0.00	24.05 1.21 0.00	22.96 1.09 0.00	22.36 0.96 0.00	23.37 1.07 0.00	27.51 1.23 0.00	38.64 1.21 0.35	45.11 1.65 2.38	39.06 1.83 1.66	31.54 1.59 0.53	30.11 1.64 0.30	29.95 1.80 0.05	29.98 1.87 0.21	31.30 2.00 0.05	33.46 2.18 0.84	36.84 2.28 1.12	41.31 2.28 1.01	54.57 3.42 0.67	59.18 3.91 0.61	49.78 3.00 0.11	40.35 2.32 0.63	35.07 1.83 0.10	30.47 1.62 0.00	27.85 2.13 0.00



ELLENBURG_WT_PWR 323604	24.32 -0.02 0.00	23.13 0.30 0.00	22.15 0.28 0.00	21.74 0.34 0.00	22.68 0.38 0.00	26.69 0.42 0.00	37.66 -0.11 0.00	45.29 -0.55 0.00	38.31 -0.58 0.00	30.34 -0.15 0.00	28.69 -0.09 0.00	28.05 -0.14 0.00	28.10 -0.23 0.00	29.12 -0.24 0.00	31.89 -0.22 0.00	34.89 -0.78 0.00	39.44 -0.60 0.00	50.93 -0.88 0.00	53.87 -2.01 0.00	45.44 -1.45 0.00	37.42 -1.24 0.00	32.30 -1.03 0.00	28.28 -0.58 0.00	24.92 -0.80 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	23.90 -0.44 0.00	22.45 -0.39 0.00	21.78 -0.09 0.00	21.33 -0.06 0.00	22.10 -0.20 0.00	26.09 -0.18 0.00	37.70 -0.08 0.00	45.61 -0.23 0.00	38.35 -0.54 0.00	30.43 -0.06 0.00	29.00 0.23 0.00	28.33 0.14 0.00	28.38 0.06 0.00	29.15 -0.21 0.00	31.73 -0.39 0.00	34.99 -0.68 0.00	39.40 -0.64 0.00	49.43 -2.38 0.00	53.59 -2.29 0.00	45.11 -1.78 0.00	36.88 -1.78 0.00	32.53 -0.80 0.00	28.45 -0.40 0.00	25.64 -0.08 0.00
EMPIRE_CC_1 323656	25.34 1.00 0.00	23.77 0.94 0.00	22.68 0.81 0.00	22.16 0.77 0.00	23.13 0.83 0.00	27.22 0.94 0.00	39.14 1.36 0.00	47.58 1.74 0.00	40.41 1.52 0.00	31.56 1.07 0.00	29.81 1.03 0.00	29.26 1.07 0.00	29.49 1.16 0.00	30.74 1.38 0.00	33.56 1.45 0.00	37.35 1.68 0.00	41.96 1.92 0.00	54.66 2.85 0.00	59.57 3.69 0.00	49.56 2.67 0.00	40.83 2.16 0.00	35.00 1.67 0.00	30.33 1.47 0.00	27.00 1.29 0.00
EMPIRE_CC_2 323658	25.34 1.00 0.00	23.77 0.94 0.00	22.68 0.81 0.00	22.16 0.77 0.00	23.13 0.83 0.00	27.22 0.94 0.00	39.14 1.36 0.00	47.58 1.74 0.00	40.41 1.52 0.00	31.56 1.07 0.00	29.81 1.03 0.00	29.26 1.07 0.00	29.49 1.16 0.00	30.74 1.38 0.00	33.56 1.45 0.00	37.35 1.68 0.00	41.96 1.92 0.00	54.66 2.85 0.00	59.57 3.69 0.00	49.56 2.67 0.00	40.83 2.16 0.00	35.00 1.67 0.00	30.33 1.47 0.00	27.00 1.29 0.00
ENORWICH_115KV_TB1 80156	25.90 1.56 0.00	24.30 1.46 0.00	23.27 1.40 0.00	22.79 1.39 0.00	23.80 1.49 0.00	28.14 1.87 0.00	41.22 3.44 0.00	50.29 4.45 0.00	41.81 2.92 0.00	32.72 2.23 0.00	30.50 1.73 0.00	29.69 1.49 0.00	29.49 1.16 0.00	30.38 1.03 0.00	33.43 1.32 0.00	37.31 1.64 0.00	42.32 2.28 0.00	55.48 3.21 -0.45	59.95 3.86 -0.21	50.26 3.33 -0.04	41.06 2.40 0.00	35.77 2.43 0.00	30.82 1.96 0.00	27.34 1.62 0.00
ERIE_ST__34_KV_TB1-2 80199	24.32 -0.02 0.00	22.79 -0.05 0.00	22.13 0.26 0.00	21.67 0.28 0.00	22.44 0.13 0.00	26.54 0.26 0.00	38.50 0.72 0.00	46.62 0.78 0.00	39.20 0.31 0.00	31.07 0.58 0.00	29.61 0.83 0.00	28.90 0.70 0.00	28.95 0.62 0.00	29.80 0.44 0.00	32.46 0.35 0.00	35.78 0.11 0.00	40.36 0.32 0.00	50.73 -1.09 0.00	54.98 -0.89 0.00	46.23 -0.66 0.00	37.73 -0.93 0.00	33.17 -0.17 0.00	28.97 0.12 0.00	26.13 0.41 0.00
ERIE_WT_PWR 323693	24.49 0.15 0.00	22.68 -0.16 0.00	22.02 0.15 0.00	21.65 0.26 0.00	22.39 0.09 0.00	26.54 0.26 0.00	38.31 0.53 0.00	46.39 0.55 0.00	39.44 0.54 0.00	31.04 0.55 0.00	29.32 0.55 0.00	28.64 0.45 0.00	28.80 0.48 0.00	29.50 0.15 0.00	32.14 0.03 0.00	35.49 -0.18 0.00	40.00 -0.04 0.00	50.21 -1.61 0.00	54.98 -0.90 0.00	45.76 -1.13 0.00	37.70 -0.97 0.00	32.87 -0.47 0.00	28.71 -0.14 0.00	25.90 0.18 0.00
ESPRGFLD_115KV_TB1 80157	26.26 1.92 0.00	24.59 1.76 0.00	23.53 1.66 0.00	23.00 1.60 0.00	24.00 1.70 0.00	28.35 2.08 0.00	41.10 3.32 0.00	49.87 4.03 0.00	41.92 3.03 0.00	32.72 2.23 0.00	30.64 1.87 0.00	29.97 1.78 0.00	30.02 1.70 0.00	31.06 1.70 0.00	34.17 2.06 0.00	38.17 2.50 0.00	43.36 3.32 0.00	56.48 4.66 0.00	61.13 5.25 0.00	51.30 4.41 0.00	42.14 3.48 0.00	36.40 3.07 0.00	31.40 2.54 0.00	27.98 2.26 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	24.36 0.02 0.00	22.84 0.00 0.00	21.89 0.02 0.00	21.44 0.04 0.00	22.35 0.04 0.00	26.38 0.11 0.00	38.16 0.38 0.00	46.39 0.55 0.00	39.05 0.16 0.00	30.58 0.09 0.00	28.69 -0.09 0.00	28.05 -0.14 0.00	28.13 -0.20 0.00	29.06 -0.29 0.00	31.82 -0.29 0.00	35.53 -0.14 0.00	39.96 -0.08 0.00	52.73 -0.10 -1.02	56.53 0.17 -0.49	47.12 0.14 -0.09	38.66 0.00 0.00	33.47 0.13 0.00	28.97 0.12 0.00	25.72 0.00 0.00
ETNA____115KV_TB2 80207	24.36 0.02 0.00	22.84 0.00 0.00	21.89 0.02 0.00	21.44 0.04 0.00	22.35 0.04 0.00	26.38 0.11 0.00	38.16 0.38 0.00	46.39 0.55 0.00	39.05 0.16 0.00	30.58 0.09 0.00	28.69 -0.09 0.00	28.05 -0.14 0.00	28.13 -0.20 0.00	29.06 -0.29 0.00	31.82 -0.29 0.00	35.53 -0.14 0.00	39.96 -0.08 0.00	52.73 -0.10 -1.02	56.53 0.17 -0.49	47.12 0.14 -0.09	38.66 0.00 0.00	33.47 0.13 0.00	28.97 0.12 0.00	25.72 0.00 0.00
EUCLID__115KV_TB2 356179	23.83 -0.51 0.00	22.33 -0.50 0.00	21.41 -0.46 0.00	20.97 -0.43 0.00	21.84 -0.47 0.00	25.78 -0.50 0.00	37.06 -0.72 0.00	44.97 -0.87 0.00	38.07 -0.82 0.00	29.88 -0.61 0.00	28.17 -0.60 0.00	27.57 -0.62 0.00	27.70 -0.62 0.00	28.65 -0.70 0.00	31.34 -0.77 0.00	34.85 -0.82 0.00	39.12 -0.92 0.00	51.36 -1.35 -0.89	55.02 -1.29 -0.43	45.89 -1.08 -0.08	37.77 -0.89 0.00	32.63 -0.70 0.00	28.28 -0.58 0.00	25.18 -0.54 0.00
E_CANADA_CAP_HY 24051	26.70 2.36 0.00	25.05 2.21 0.00	23.90 2.03 0.00	23.38 1.99 0.00	24.40 2.10 0.00	28.82 2.55 0.00	41.67 3.89 0.00	50.47 4.63 0.00	42.27 3.38 0.00	32.72 2.22 0.00	30.53 1.76 0.00	29.86 1.66 0.00	30.05 1.73 0.00	31.12 1.76 0.00	34.32 2.21 0.00	38.63 2.96 0.00	44.20 4.16 0.00	57.77 5.96 0.00	62.98 7.10 0.00	52.47 5.58 0.00	43.15 4.48 0.00	37.13 3.80 0.00	31.91 3.06 0.00	28.39 2.67 0.00
E_CANADA_MHWK_HY 24050	23.88 -0.46 0.00	22.40 -0.43 0.00	21.45 -0.42 0.00	20.99 -0.41 0.00	21.90 -0.40 0.00	25.83 -0.45 0.00	37.21 -0.57 0.00	45.02 -0.82 0.00	38.11 -0.78 0.00	29.88 -0.61 0.00	28.17 -0.61 0.00	27.66 -0.54 0.00	27.76 -0.57 0.00	28.77 -0.59 0.00	31.50 -0.61 0.00	35.03 -0.64 0.00	39.32 -0.72 0.00	50.83 -0.99 0.00	54.81 -1.06 0.00	45.86 -1.03 0.00	37.73 -0.93 0.00	32.70 -0.63 0.00	28.25 -0.61 0.00	25.17 -0.54 0.00
E_FISHKILL__LBMP 23776	25.61 1.27 0.00	23.89 1.05 0.00	22.83 0.96 0.00	22.27 0.88 0.00	23.24 0.94 0.00	27.33 1.05 0.00	39.29 1.51 0.00	47.81 1.97 0.00	40.91 2.02 0.00	32.11 1.62 0.00	30.41 1.64 0.00	29.91 1.72 0.00	30.11 1.78 0.00	31.29 1.94 0.00	34.23 2.12 0.00	37.92 2.25 0.00	42.32 2.28 0.00	55.18 3.37 0.00	59.73 3.86 0.00	49.94 3.05 0.00	41.06 2.40 0.00	35.27 1.93 0.00	30.53 1.67 0.00	27.36 1.65 0.00
FALCON__SEABRD_CC1 323796	24.83 0.49 0.00	23.73 0.89 0.00	22.68 0.81 0.00	22.27 0.88 0.00	23.26 0.96 0.00	27.40 1.13 0.00	37.44 -0.34 0.00	44.42 -1.42 0.00	37.49 -1.40 0.00	30.31 -0.18 0.00	28.69 -0.09 0.00	28.00 -0.20 0.00	28.01 -0.31 0.00	29.09 -0.26 0.00	31.89 -0.22 0.00	34.07 -1.60 0.00	38.68 -1.36 0.00	50.00 -1.81 0.00	52.75 -3.13 0.00	44.45 -2.44 0.00	36.57 -2.09 0.00	32.17 -1.17 0.00	28.86 0.00 0.00	25.46 -0.26 0.00



FALCON___SEABRD_CC2 323797	24.83 0.49 0.00	23.73 0.89 0.00	22.68 0.81 0.00	22.27 0.88 0.00	23.26 0.96 0.00	27.40 1.13 0.00	37.44 -0.34 0.00	44.42 -1.42 0.00	37.49 -1.40 0.00	30.31 -0.18 0.00	28.69 -0.09 0.00	28.00 -0.20 0.00	28.01 -0.31 0.00	29.09 -0.26 0.00	31.89 -0.22 0.00	34.07 -1.60 0.00	38.68 -1.36 0.00	50.00 -1.81 0.00	52.75 -3.13 0.00	44.45 -2.44 0.00	36.57 -2.09 0.00	32.17 -1.17 0.00	28.86 0.00 0.00	25.46 -0.26 0.00
FAR ROCKAWAY___4 23548	26.21 1.87 0.00	24.34 1.51 0.00	23.22 1.36 0.00	22.59 1.20 0.00	23.64 1.34 0.00	27.83 1.55 0.00	39.22 1.59 0.14	47.17 2.11 0.77	40.43 2.22 0.68	32.22 1.95 0.22	30.69 2.04 0.12	30.40 2.23 0.02	30.50 2.27 0.09	31.74 2.41 0.02	34.40 2.63 0.34	38.02 2.78 0.44	42.56 2.88 0.36	55.82 4.25 0.24	60.46 4.81 0.22	50.60 3.75 0.04	41.37 2.94 0.23	35.60 2.30 0.04	30.85 1.99 0.00	28.16 2.44 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	25.92 1.58 0.00	24.14 1.30 0.00	23.07 1.20 0.00	22.49 1.09 0.00	23.49 1.18 0.00	27.54 1.26 0.00	39.59 1.81 0.00	48.27 2.43 0.00	41.42 2.53 0.00	32.66 2.16 0.00	30.96 2.19 0.00	30.50 2.31 0.00	30.70 2.38 0.00	31.91 2.55 0.00	34.87 2.76 0.00	38.63 2.96 0.00	42.88 2.84 0.00	55.96 4.15 0.00	60.63 4.75 0.00	50.50 3.61 0.00	41.56 2.90 0.00	35.70 2.37 0.00	30.90 2.05 0.00	27.75 2.03 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	25.92 1.58 0.00	24.14 1.30 0.00	23.07 1.20 0.00	22.51 1.11 0.00	23.49 1.18 0.00	27.54 1.26 0.00	39.59 1.81 0.00	48.27 2.43 0.00	41.42 2.53 0.00	32.66 2.16 0.00	30.96 2.19 0.00	30.50 2.31 0.00	30.70 2.38 0.00	31.91 2.55 0.00	34.87 2.76 0.00	38.63 2.96 0.00	42.88 2.84 0.00	55.96 4.15 0.00	60.63 4.75 0.00	50.55 3.66 0.00	41.56 2.90 0.00	35.70 2.37 0.00	30.90 2.05 0.00	27.75 2.03 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	25.92 1.58 0.00	24.14 1.30 0.00	23.07 1.20 0.00	22.49 1.09 0.00	23.46 1.16 0.00	27.54 1.26 0.00	39.55 1.78 0.00	48.22 2.38 0.00	41.38 2.49 0.00	32.63 2.13 0.00	30.93 2.16 0.00	30.50 2.31 0.00	30.70 2.38 0.00	31.88 2.52 0.00	34.87 2.76 0.00	38.63 2.96 0.00	42.88 2.84 0.00	55.96 4.15 0.00	60.57 4.69 0.00	50.50 3.61 0.00	41.52 2.86 0.00	35.67 2.33 0.00	30.88 2.02 0.00	27.72 2.01 0.00
FARRAGUT___LBMP 323566	25.90 1.56 0.00	24.11 1.28 0.00	23.05 1.18 0.00	22.46 1.07 0.00	23.46 1.16 0.00	27.51 1.23 0.00	39.55 1.78 0.00	48.22 2.38 0.00	41.34 2.45 0.00	32.59 2.10 0.00	30.93 2.16 0.00	30.48 2.28 0.00	30.67 2.35 0.00	31.85 2.50 0.00	34.84 2.73 0.00	38.60 2.93 0.00	42.84 2.80 0.00	55.91 4.09 0.00	60.52 4.64 0.00	50.45 3.56 0.00	41.49 2.82 0.00	35.67 2.33 0.00	30.88 2.02 0.00	27.70 1.98 0.00
FENNER___WINDPWR 24204	24.51 0.17 0.00	22.97 0.14 0.00	22.02 0.15 0.00	21.55 0.15 0.00	22.46 0.16 0.00	26.54 0.26 0.00	38.42 0.64 0.00	46.71 0.87 0.00	39.44 0.54 0.00	30.86 0.37 0.00	28.97 0.20 0.00	28.33 0.14 0.00	28.41 0.09 0.00	29.39 0.03 0.00	32.21 0.10 0.00	35.85 0.18 0.00	40.32 0.28 0.00	53.09 0.37 -0.91	56.99 0.67 -0.44	47.44 0.47 -0.08	38.97 0.31 0.00	33.70 0.37 0.00	29.14 0.29 0.00	25.90 0.18 0.00
FIBERTEK___ENERGY 23856	24.02 -0.32 0.00	22.52 -0.32 0.00	21.58 -0.28 0.00	21.14 -0.26 0.00	22.01 -0.29 0.00	25.99 -0.29 0.00	37.40 -0.38 0.00	45.43 -0.41 0.00	38.42 -0.47 0.00	30.16 -0.34 0.00	28.40 -0.37 0.00	27.77 -0.42 0.00	27.93 -0.40 0.00	28.89 -0.47 0.00	31.56 -0.55 0.00	35.17 -0.50 0.00	39.48 -0.56 0.00	52.75 -0.88 -1.82	55.97 -0.78 -0.87	46.40 -0.66 -0.17	38.08 -0.58 0.00	32.93 -0.40 0.00	28.54 -0.32 0.00	25.38 -0.33 0.00
FITZPATRICK____ 23598	23.54 -0.80 0.00	22.04 -0.80 0.00	21.15 -0.72 0.00	20.69 -0.71 0.00	21.55 -0.76 0.00	25.41 -0.87 0.00	36.53 -1.25 0.00	44.37 -1.47 0.00	37.65 -1.25 0.00	29.51 -0.98 0.00	27.79 -0.98 0.00	27.21 -0.99 0.00	27.33 -0.99 0.00	28.30 -1.06 0.00	30.96 -1.15 0.00	34.42 -1.25 0.00	38.64 -1.40 0.00	41.21 -1.97 8.64	49.90 -1.84 4.14	44.40 -1.69 0.80	37.31 -1.35 0.00	32.20 -1.13 0.00	27.90 -0.95 0.00	24.84 -0.87 0.00
FLOWRFLD_69_KV_BK1 356044	25.92 1.58 0.00	24.05 1.21 0.00	22.92 1.05 0.00	22.31 0.92 0.00	23.35 1.05 0.00	27.64 1.37 0.00	37.34 0.79 1.23	38.47 1.15 8.51	34.43 1.36 5.82	29.72 1.10 1.87	28.93 1.21 1.05	29.42 1.41 0.18	29.01 1.42 0.73	30.90 1.73 0.19	31.17 1.99 2.93	33.81 1.93 3.79	38.98 2.12 3.18	52.81 3.11 2.11	57.58 3.63 1.93	49.29 2.77 0.36	38.83 2.17 1.99	34.75 1.73 0.32	30.46 1.62 0.01	28.42 2.70 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	25.80 1.46 0.00	24.07 1.23 0.00	23.01 1.14 0.00	22.44 1.05 0.00	23.42 1.12 0.00	27.48 1.21 0.00	39.70 1.93 0.00	48.27 2.43 0.00	41.30 2.41 0.00	32.35 1.86 0.00	30.61 1.84 0.00	30.08 1.89 0.00	30.28 1.95 0.00	31.44 2.08 0.00	34.49 2.38 0.00	38.27 2.60 0.00	42.76 2.72 0.00	55.86 4.04 0.00	60.35 4.47 0.00	50.45 3.56 0.00	41.41 2.75 0.00	35.53 2.20 0.00	30.76 1.90 0.00	27.52 1.80 0.00
FORT ORANGE____ 23900	25.02 0.68 0.00	23.47 0.64 0.00	22.37 0.50 0.00	21.86 0.47 0.00	22.82 0.51 0.00	26.88 0.60 0.00	38.42 0.64 0.00	46.53 0.69 0.00	39.59 0.70 0.00	30.86 0.37 0.00	29.12 0.35 0.00	28.59 0.39 0.00	28.80 0.48 0.00	30.00 0.65 0.00	32.82 0.71 0.00	36.60 0.93 0.00	41.12 1.08 0.00	53.63 1.81 0.00	58.39 2.52 0.00	48.63 1.74 0.00	40.02 1.35 0.00	34.30 0.97 0.00	29.89 1.04 0.00	26.61 0.90 0.00
FORT_DRUM_COGEN 23780	24.29 -0.05 0.00	22.84 0.00 0.00	21.89 0.02 0.00	21.48 0.09 0.00	22.46 0.16 0.00	26.56 0.29 0.00	38.65 0.87 0.00	47.08 1.24 0.00	39.36 0.47 0.00	30.73 0.24 0.00	28.71 -0.06 0.00	28.16 -0.03 0.00	28.13 -0.20 0.00	29.06 -0.29 0.00	31.89 -0.22 0.00	35.53 -0.14 0.00	40.12 0.08 0.00	53.23 0.05 -1.36	56.75 0.22 -0.65	47.25 0.23 -0.13	38.70 0.04 0.00	33.67 0.33 0.00	28.94 0.09 0.00	25.64 -0.08 0.00
FOX_HILLS___ESR 323835	26.27 1.92 -0.01	24.41 1.58 0.00	23.33 1.47 0.00	22.72 1.33 0.00	23.73 1.43 0.00	27.67 1.39 0.00	37.41 1.40 1.77	45.14 1.88 2.58	37.93 2.18 3.14	32.47 1.98 0.00	30.79 2.01 0.00	30.39 2.20 0.00	30.62 2.29 0.00	31.82 2.47 0.00	34.78 2.67 0.00	38.52 2.85 0.00	42.52 2.48 0.00	55.49 3.68 0.00	60.12 4.25 0.00	50.03 3.14 0.00	41.18 2.51 0.00	35.50 2.17 0.00	31.05 2.19 0.00	27.98 2.26 0.00
FPL FAR_ROCK_GT1 24212	26.17 1.83 0.00	24.46 1.62 0.00	23.29 1.42 0.00	22.61 1.22 0.00	23.71 1.41 0.00	27.90 1.63 0.00	39.33 1.70 0.15	47.26 2.20 0.78	40.42 2.22 0.69	32.16 1.89 0.23	30.77 2.13 0.13	30.45 2.28 0.03	30.50 2.27 0.09	31.85 2.53 0.03	34.46 2.70 0.35	38.11 2.89 0.45	42.63 2.96 0.37	56.02 4.46 0.25	61.02 5.36 0.23	50.73 3.89 0.05	41.48 3.05 0.23	35.72 2.43 0.04	30.75 1.90 0.01	28.04 2.32 -0.01



FPL FAR_ROCK_GT2 23815	26.17 1.83 0.00	24.46 1.62 0.00	23.29 1.42 0.00	22.61 1.22 0.00	23.71 1.41 0.00	27.90 1.63 0.00	39.33 1.70 0.15	47.26 2.20 0.78	40.42 2.22 0.69	32.16 1.89 0.23	30.77 2.13 0.13	30.45 2.28 0.03	30.50 2.27 0.09	31.85 2.53 0.03	34.46 2.70 0.35	38.11 2.89 0.45	42.63 2.96 0.37	56.02 4.46 0.25	61.02 5.36 0.23	50.73 3.89 0.05	41.48 3.05 0.23	35.72 2.43 0.04	30.75 1.90 0.01	28.04 2.32 -0.01
FRANKLIN_FALL_HYD 24054	24.56 0.22 0.00	23.41 0.57 0.00	22.39 0.52 0.00	21.97 0.58 0.00	22.93 0.62 0.00	27.01 0.74 0.00	38.72 0.94 0.00	46.89 1.05 0.00	39.59 0.70 0.00	31.07 0.58 0.00	29.35 0.58 0.00	28.67 0.48 0.00	28.66 0.34 0.00	29.77 0.41 0.00	32.59 0.48 0.00	36.13 0.46 0.00	40.72 0.68 0.00	52.54 0.73 0.00	56.05 0.17 0.00	46.89 0.00 0.00	38.82 0.15 0.00	33.37 0.03 0.00	28.63 -0.23 0.00	25.30 -0.41 0.00
FREEPORT_EQUUS_GT1 23764	25.97 1.63 0.00	24.30 1.46 0.00	23.14 1.27 0.00	22.46 1.07 0.00	23.55 1.25 0.00	27.72 1.44 0.00	38.37 1.32 0.73	42.68 1.74 4.91	37.31 1.83 3.41	30.97 1.58 1.10	29.93 1.78 0.62	30.02 1.94 0.11	29.84 1.95 0.44	31.44 2.20 0.12	32.70 2.31 1.72	35.73 2.46 2.40	40.18 2.48 2.35	54.09 3.83 1.56	59.20 4.75 1.43	49.99 3.38 0.27	39.82 2.63 1.47	35.16 2.07 0.24	30.49 1.64 0.01	27.91 2.18 -0.01
FREEPORT___CT2 23818	25.97 1.63 0.00	24.30 1.46 0.00	23.14 1.27 0.00	22.46 1.07 0.00	23.55 1.25 0.00	27.72 1.44 0.00	38.37 1.32 0.73	42.68 1.74 4.91	37.31 1.83 3.41	30.97 1.58 1.10	29.93 1.78 0.62	30.02 1.94 0.11	29.84 1.95 0.44	31.44 2.20 0.12	32.70 2.31 1.72	35.73 2.46 2.40	40.18 2.48 2.35	54.09 3.83 1.56	59.20 4.75 1.43	49.99 3.38 0.27	39.82 2.63 1.47	35.16 2.07 0.24	30.49 1.64 0.01	27.91 2.18 -0.01
FRESHKLS_33_KV_LOAD 356253	26.37 2.02 -0.01	24.50 1.67 0.00	23.42 1.55 0.00	22.81 1.41 0.00	23.80 1.49 0.00	27.72 1.45 0.00	37.37 1.36 1.77	45.05 1.79 2.58	37.85 2.10 3.14	32.44 1.95 0.00	30.76 1.99 0.00	30.36 2.17 0.00	30.59 2.27 0.00	31.79 2.44 0.00	34.74 2.63 0.00	38.45 2.78 0.00	42.48 2.44 0.00	55.44 3.63 0.00	60.07 4.19 0.00	49.98 3.09 0.00	41.14 2.47 0.00	35.47 2.13 0.00	31.11 2.25 0.00	28.06 2.34 0.00
FULTON COGEN____ 23766	23.80 -0.54 0.00	22.31 -0.53 0.00	21.39 -0.48 0.00	20.95 -0.45 0.00	21.81 -0.49 0.00	25.75 -0.53 0.00	37.02 -0.76 0.00	44.97 -0.87 0.00	38.04 -0.86 0.00	29.85 -0.64 0.00	28.11 -0.66 0.00	27.52 -0.68 0.00	27.64 -0.68 0.00	28.62 -0.73 0.00	31.28 -0.83 0.00	34.81 -0.86 0.00	39.08 -0.96 0.00	53.48 -1.35 -3.01	56.03 -1.29 -1.44	46.09 -1.08 -0.28	37.77 -0.89 0.00	32.63 -0.70 0.00	28.28 -0.58 0.00	25.15 -0.57 0.00
FULTON___LFGE 323630	26.41 2.07 0.00	24.80 1.96 0.00	23.66 1.79 0.00	23.13 1.73 0.00	24.15 1.85 0.00	28.56 2.28 0.00	41.29 3.51 0.00	50.01 4.17 0.00	42.04 3.15 0.00	32.53 2.04 0.00	30.41 1.64 0.00	29.74 1.55 0.00	29.99 1.67 0.00	31.09 1.73 0.00	34.23 2.12 0.00	38.49 2.82 0.00	43.97 3.93 0.00	57.46 5.65 0.00	62.58 6.70 0.00	52.14 5.25 0.00	42.88 4.21 0.00	36.77 3.43 0.00	31.63 2.77 0.00	28.11 2.39 0.00
G.F.CEMENT___DRP 24184	25.43 1.10 0.00	23.89 1.05 0.00	22.76 0.90 0.00	22.25 0.86 0.00	23.20 0.89 0.00	27.43 1.16 0.00	39.59 1.81 0.00	48.04 2.20 0.00	40.91 2.02 0.00	31.80 1.31 0.00	29.89 1.12 0.00	29.29 1.10 0.00	29.63 1.30 0.00	30.74 1.38 0.00	33.62 1.51 0.00	37.60 1.93 0.00	42.52 2.48 0.00	55.55 3.73 0.00	60.12 4.25 0.00	50.31 3.42 0.00	41.37 2.71 0.00	35.30 1.97 0.00	30.47 1.62 0.00	27.08 1.36 0.00
GARDENVILLE___LBMP 24039	24.02 -0.32 0.00	22.54 -0.30 0.00	21.89 0.02 0.00	21.44 0.04 0.00	22.19 -0.11 0.00	26.22 -0.05 0.00	37.97 0.19 0.00	45.93 0.09 0.00	38.62 -0.27 0.00	30.61 0.12 0.00	29.17 0.40 0.00	28.50 0.31 0.00	28.55 0.23 0.00	29.36 0.00 0.00	31.95 -0.16 0.00	35.24 -0.43 0.00	39.72 -0.32 0.00	49.85 -1.97 0.00	54.03 -1.84 0.00	45.48 -1.41 0.00	37.15 -1.51 0.00	32.70 -0.63 0.00	28.60 -0.26 0.00	25.74 0.03 0.00
GARDNVLA_35_KV_LD 355827	24.14 -0.19 0.00	22.65 -0.18 0.00	22.00 0.13 0.00	21.54 0.15 0.00	22.30 0.00 0.00	26.35 0.08 0.00	38.16 0.38 0.00	46.16 0.32 0.00	38.81 -0.08 0.00	30.77 0.27 0.00	29.35 0.58 0.00	28.64 0.45 0.00	28.69 0.37 0.00	29.50 0.15 0.00	32.14 0.03 0.00	35.42 -0.25 0.00	39.92 -0.12 0.00	50.11 -1.71 0.00	54.31 -1.56 0.00	45.72 -1.17 0.00	37.35 -1.31 0.00	32.87 -0.47 0.00	28.74 -0.12 0.00	25.90 0.18 0.00
GELCKHM___115KV_LOAD 80723	23.90 -0.44 0.00	22.40 -0.43 0.00	21.47 -0.39 0.00	21.03 -0.36 0.00	21.90 -0.40 0.00	25.85 -0.42 0.00	37.17 -0.60 0.00	45.15 -0.69 0.00	38.19 -0.70 0.00	29.97 -0.52 0.00	28.25 -0.52 0.00	27.66 -0.54 0.00	27.79 -0.54 0.00	28.74 -0.62 0.00	31.44 -0.67 0.00	34.99 -0.68 0.00	39.24 -0.80 0.00	51.89 -1.14 -1.22	55.40 -1.06 -0.58	46.11 -0.89 -0.11	37.89 -0.77 0.00	32.73 -0.60 0.00	28.39 -0.46 0.00	25.25 -0.46 0.00
GENERAL___MILLS 23808	24.10 -0.24 0.00	22.61 -0.23 0.00	21.96 0.09 0.00	21.50 0.11 0.00	22.28 -0.02 0.00	26.30 0.03 0.00	38.08 0.30 0.00	46.07 0.23 0.00	38.74 -0.16 0.00	30.70 0.21 0.00	29.29 0.52 0.00	28.59 0.39 0.00	28.64 0.31 0.00	29.45 0.09 0.00	32.05 -0.06 0.00	35.35 -0.32 0.00	39.84 -0.20 0.00	50.00 -1.81 0.00	54.20 -1.68 0.00	45.62 -1.27 0.00	37.27 -1.39 0.00	32.83 -0.50 0.00	28.68 -0.17 0.00	25.84 0.13 0.00
GE_PLASTICS___DRP 24183	25.00 0.66 0.00	23.38 0.55 0.00	22.35 0.48 0.00	21.82 0.43 0.00	22.77 0.47 0.00	26.85 0.58 0.00	38.53 0.76 0.00	46.76 0.92 0.00	39.86 0.97 0.00	31.07 0.58 0.00	29.29 0.52 0.00	28.76 0.56 0.00	29.00 0.68 0.00	30.18 0.82 0.00	32.98 0.87 0.00	36.71 1.03 0.00	41.28 1.24 0.00	53.78 1.97 0.00	58.17 2.29 0.00	48.77 1.88 0.00	40.13 1.47 0.00	34.40 1.07 0.00	29.87 1.01 0.00	26.62 0.90 0.00
GILBOA___1 23756	25.14 0.80 0.00	23.54 0.71 0.00	22.48 0.61 0.00	21.97 0.58 0.00	22.93 0.62 0.00	26.98 0.71 0.00	38.83 1.06 0.00	47.08 1.24 0.00	40.14 1.24 0.00	31.44 0.95 0.00	29.75 0.98 0.00	29.21 1.01 0.00	29.37 1.05 0.00	30.50 1.14 0.00	33.36 1.25 0.00	37.06 1.39 0.00	41.44 1.40 0.00	53.73 1.92 0.00	58.39 2.52 0.00	48.81 1.92 0.00	40.21 1.55 0.00	34.63 1.30 0.00	29.95 1.10 0.00	26.74 1.03 0.00
GILBOA___2 23757	25.14 0.80 0.00	23.54 0.71 0.00	22.48 0.61 0.00	21.97 0.58 0.00	22.93 0.62 0.00	26.98 0.71 0.00	38.83 1.06 0.00	47.08 1.24 0.00	40.14 1.24 0.00	31.44 0.95 0.00	29.75 0.98 0.00	29.21 1.01 0.00	29.37 1.05 0.00	30.50 1.14 0.00	33.36 1.25 0.00	37.06 1.39 0.00	41.44 1.40 0.00	53.73 1.92 0.00	58.39 2.52 0.00	48.81 1.92 0.00	40.21 1.55 0.00	34.63 1.30 0.00	29.95 1.10 0.00	26.74 1.03 0.00



GILBOA___3 23758	25.14 0.80 0.00	23.54 0.71 0.00	22.48 0.61 0.00	21.97 0.58 0.00	22.93 0.62 0.00	26.98 0.71 0.00	38.83 1.06 0.00	47.08 1.24 0.00	40.14 1.24 0.00	31.44 0.95 0.00	29.75 0.98 0.00	29.21 1.01 0.00	29.37 1.05 0.00	30.50 1.14 0.00	33.36 1.25 0.00	37.06 1.39 0.00	41.44 1.40 0.00	53.73 1.92 0.00	58.39 2.52 0.00	48.81 1.92 0.00	40.21 1.55 0.00	34.63 1.30 0.00	29.95 1.10 0.00	26.74 1.03 0.00
GILBOA___4 23759	25.14 0.80 0.00	23.54 0.71 0.00	22.48 0.61 0.00	21.97 0.58 0.00	22.93 0.62 0.00	26.98 0.71 0.00	38.83 1.06 0.00	47.08 1.24 0.00	40.14 1.24 0.00	31.44 0.95 0.00	29.75 0.98 0.00	29.21 1.01 0.00	29.37 1.05 0.00	30.50 1.14 0.00	33.36 1.25 0.00	37.06 1.39 0.00	41.44 1.40 0.00	53.73 1.92 0.00	58.39 2.52 0.00	48.81 1.92 0.00	40.21 1.55 0.00	34.63 1.30 0.00	29.95 1.10 0.00	26.74 1.03 0.00
GILBOA___ 23599	25.12 0.78 0.00	23.48 0.64 0.00	22.46 0.59 0.00	21.93 0.53 0.00	22.88 0.58 0.00	26.93 0.66 0.00	38.76 0.98 0.00	46.99 1.15 0.00	40.14 1.24 0.00	31.44 0.95 0.00	29.69 0.92 0.00	29.15 0.96 0.00	29.34 1.02 0.00	30.47 1.12 0.00	33.30 1.19 0.00	36.99 1.32 0.00	41.40 1.36 0.00	53.78 1.97 0.00	57.95 2.07 0.00	48.72 1.83 0.00	40.17 1.51 0.00	34.57 1.23 0.00	29.95 1.10 0.00	26.77 1.05 0.00
GINNA___ 23603	22.88 -1.46 0.00	21.31 -1.53 0.00	20.56 -1.31 0.00	20.15 -1.24 0.00	20.94 -1.36 0.00	24.83 -1.45 0.00	35.77 -2.00 0.00	43.64 -2.20 0.00	36.91 -1.98 0.00	28.97 -1.52 0.00	27.22 -1.55 0.00	26.64 -1.55 0.00	26.82 -1.50 0.00	27.60 -1.76 0.00	30.15 -1.96 0.00	33.53 -2.14 0.00	37.72 -2.32 0.00	48.14 -3.68 0.00	52.53 -3.35 0.00	43.89 -3.00 0.00	36.15 -2.51 0.00	31.30 -2.03 0.00	27.09 -1.76 0.00	24.20 -1.52 0.00
GLEN PARK___ 23778	24.39 0.05 0.00	22.90 0.07 0.00	21.96 0.09 0.00	21.55 0.15 0.00	22.50 0.20 0.00	26.67 0.39 0.00	38.83 1.06 0.00	47.31 1.47 0.00	39.55 0.66 0.00	30.86 0.37 0.00	28.77 0.00 0.00	28.22 0.03 0.00	28.15 -0.17 0.00	29.09 -0.26 0.00	31.92 -0.19 0.00	35.56 -0.11 0.00	40.24 0.20 0.00	53.51 0.26 -1.43	57.12 0.56 -0.69	47.49 0.47 -0.13	38.90 0.23 0.00	33.83 0.50 0.00	29.09 0.23 0.00	25.77 0.05 0.00
GLENDALE_27_KV_LOAD 356172	26.10 1.75 -0.01	24.27 1.44 0.00	23.22 1.36 0.00	22.64 1.24 0.00	23.62 1.32 0.00	27.64 1.37 0.00	39.63 1.85 0.00	48.22 2.38 0.00	41.46 2.57 0.00	32.75 2.26 0.00	31.04 2.27 0.00	30.62 2.42 0.00	30.84 2.52 0.00	32.00 2.64 0.00	35.00 2.89 0.00	38.77 3.10 0.00	42.92 2.88 0.00	56.01 4.20 0.00	60.63 4.75 0.00	50.50 3.61 0.00	41.56 2.90 0.00	35.77 2.43 0.00	31.02 2.16 0.00	27.90 2.19 0.00
GLENWOOD_IC_1_G5 23712	26.02 1.68 0.00	24.16 1.32 0.00	23.05 1.18 0.00	22.44 1.05 0.00	23.49 1.18 0.00	27.64 1.37 0.00	38.64 1.36 0.49	44.31 1.83 3.36	38.58 2.02 2.34	31.45 1.71 0.75	30.13 1.78 0.42	30.09 1.97 0.07	30.04 2.01 0.29	31.45 2.17 0.08	33.34 2.41 1.18	36.63 2.53 1.57	41.23 2.60 1.41	54.71 3.83 0.94	59.38 4.36 0.86	50.06 3.33 0.16	40.37 2.59 0.88	35.23 2.03 0.14	30.61 1.76 0.00	28.00 2.29 0.00
GLENWOOD_IC_2_G1 23688	25.92 1.58 0.00	24.25 1.42 0.00	23.09 1.22 0.00	22.44 1.05 0.00	23.53 1.23 0.00	27.67 1.39 0.00	39.05 1.44 0.16	46.69 1.88 1.03	40.08 1.91 0.72	31.87 1.61 0.24	30.45 1.81 0.14	30.11 1.94 0.03	30.18 1.95 0.10	31.53 2.20 0.03	34.12 2.38 0.37	37.75 2.57 0.49	42.17 2.56 0.44	55.41 3.89 0.29	60.36 4.75 0.27	50.21 3.38 0.06	41.05 2.67 0.28	35.38 2.10 0.05	30.52 1.67 0.01	27.81 2.08 -0.01
GLENWOOD_IC_3_G1 23689	25.92 1.58 0.00	24.25 1.42 0.00	23.09 1.22 0.00	22.44 1.05 0.00	23.53 1.23 0.00	27.67 1.39 0.00	39.05 1.44 0.16	46.69 1.88 1.03	40.08 1.91 0.72	31.87 1.61 0.24	30.45 1.81 0.14	30.11 1.94 0.03	30.18 1.95 0.10	31.53 2.20 0.03	34.12 2.38 0.37	37.75 2.57 0.49	42.17 2.56 0.44	55.41 3.89 0.29	60.36 4.75 0.27	50.21 3.38 0.06	41.05 2.67 0.28	35.38 2.10 0.05	30.52 1.67 0.01	27.81 2.08 -0.01
GLENWOOD___4 23550	26.02 1.68 0.00	24.16 1.32 0.00	23.05 1.18 0.00	22.44 1.05 0.00	23.49 1.18 0.00	27.64 1.37 0.00	38.64 1.36 0.49	44.31 1.83 3.36	38.58 2.02 2.34	31.45 1.71 0.75	30.13 1.78 0.42	30.09 1.97 0.07	30.04 2.01 0.29	31.45 2.17 0.08	33.34 2.41 1.18	36.63 2.53 1.57	41.23 2.60 1.41	54.71 3.83 0.94	59.38 4.36 0.86	50.06 3.33 0.16	40.37 2.59 0.88	35.23 2.03 0.14	30.61 1.76 0.00	28.00 2.29 0.00
GLENWOOD___5 23614	26.02 1.68 0.00	24.16 1.32 0.00	23.05 1.18 0.00	22.44 1.05 0.00	23.49 1.18 0.00	27.64 1.37 0.00	38.64 1.36 0.49	44.31 1.83 3.36	38.58 2.02 2.34	31.45 1.71 0.75	30.13 1.78 0.42	30.09 1.97 0.07	30.04 2.01 0.29	31.45 2.17 0.08	33.34 2.41 1.18	36.63 2.53 1.57	41.23 2.60 1.41	54.71 3.83 0.94	59.38 4.36 0.86	50.06 3.33 0.16	40.37 2.59 0.88	35.23 2.03 0.14	30.61 1.76 0.00	28.00 2.29 0.00
GLOBAL GREEN_PORT_GT1 23814	26.04 1.70 0.00	24.41 1.57 0.00	23.22 1.36 0.00	22.44 1.05 0.00	23.62 1.32 0.00	28.17 1.89 0.00	38.53 2.00 1.24	39.80 2.52 8.56	35.41 2.37 5.86	29.89 1.28 1.88	29.29 1.58 1.06	29.81 1.81 0.19	29.28 1.70 0.74	31.86 2.70 0.20	32.01 2.86 2.95	35.21 3.35 3.81	40.68 3.84 3.20	55.39 5.70 2.13	60.75 6.81 1.95	51.72 5.20 0.37	40.56 3.90 2.01	35.90 2.90 0.33	31.06 2.22 0.02	28.78 3.06 -0.01
GLOBE___DSASP 323697	23.29 -1.05 0.00	21.88 -0.96 0.00	21.23 -0.63 0.00	20.82 -0.58 0.00	21.55 -0.76 0.00	25.41 -0.87 0.00	36.61 -1.17 0.00	44.14 -1.70 0.00	37.10 -1.79 0.00	29.45 -1.04 0.00	28.08 -0.69 0.00	27.43 -0.76 0.00	27.47 -0.85 0.00	28.18 -1.17 0.00	30.63 -1.48 0.00	33.82 -1.85 0.00	38.00 -2.04 0.00	47.62 -4.20 0.00	51.63 -4.25 0.00	43.51 -3.38 0.00	35.72 -2.94 0.00	31.60 -1.73 0.00	27.70 -1.15 0.00	25.00 -0.72 0.00
GOETHSLN___LBMP 323567	25.75 1.41 0.00	23.98 1.14 0.00	22.92 1.05 0.00	22.34 0.94 0.00	23.33 1.03 0.00	27.35 1.08 0.00	37.53 1.51 1.76	45.33 2.06 2.57	37.98 2.22 3.13	32.44 1.95 0.00	30.79 2.01 0.00	30.36 2.17 0.00	30.56 2.24 0.00	31.73 2.38 0.00	34.68 2.57 0.00	38.38 2.71 0.00	42.60 2.56 0.00	55.60 3.78 0.00	60.24 4.36 0.00	50.17 3.28 0.00	41.29 2.63 0.00	35.50 2.17 0.00	30.73 1.88 0.00	27.57 1.85 0.00
GOLAH___69_KV_TB 1_2 80279	23.88 -0.46 0.00	22.42 -0.41 0.00	21.65 -0.22 0.00	21.20 -0.19 0.00	22.06 -0.25 0.00	26.09 -0.18 0.00	37.51 -0.26 0.00	45.52 -0.32 0.00	38.31 -0.58 0.00	30.28 -0.21 0.00	28.66 -0.12 0.00	28.02 -0.17 0.00	28.10 -0.23 0.00	28.89 -0.47 0.00	31.53 -0.58 0.00	34.92 -0.75 0.00	39.32 -0.72 0.00	49.95 -1.87 0.00	54.26 -1.62 0.00	45.62 -1.27 0.00	37.46 -1.20 0.00	32.77 -0.57 0.00	28.51 -0.35 0.00	25.54 -0.18 0.00



GOODYEAR_LAKE_HYD 323669	25.65 1.31 0.00	24.02 1.19 0.00	22.98 1.12 0.00	22.46 1.07 0.00	23.44 1.14 0.00	27.64 1.37 0.00	40.08 2.30 0.00	48.68 2.84 0.00	41.15 2.26 0.00	32.26 1.77 0.00	30.35 1.58 0.00	29.72 1.52 0.00	29.74 1.42 0.00	30.77 1.41 0.00	33.75 1.64 0.00	37.53 1.85 0.00	42.28 2.24 0.00	54.98 3.16 0.00	59.40 3.52 0.00	49.89 3.00 0.00	40.98 2.32 0.00	35.43 2.10 0.00	30.65 1.79 0.00	27.36 1.65 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	24.95 0.61 0.00	23.36 0.53 0.00	22.41 0.55 0.00	21.91 0.51 0.00	22.82 0.51 0.00	26.88 0.60 0.00	39.02 1.25 0.00	47.35 1.51 0.00	40.06 1.17 0.00	31.50 1.01 0.00	29.84 1.06 0.00	29.21 1.01 0.00	29.26 0.93 0.00	30.21 0.85 0.00	32.98 0.87 0.00	36.60 0.93 0.00	41.16 1.12 0.00	52.95 1.14 0.00	57.33 1.45 0.00	48.25 1.36 0.00	39.55 0.89 0.00	34.33 1.00 0.00	29.84 0.98 0.00	26.72 1.00 0.00
GOUDEY___7 23579	24.95 0.61 0.00	23.36 0.53 0.00	22.41 0.55 0.00	21.91 0.51 0.00	22.82 0.51 0.00	26.88 0.60 0.00	39.02 1.25 0.00	47.35 1.51 0.00	40.06 1.17 0.00	31.50 1.01 0.00	29.84 1.06 0.00	29.21 1.01 0.00	29.26 0.93 0.00	30.21 0.85 0.00	32.98 0.87 0.00	36.60 0.93 0.00	41.16 1.12 0.00	52.95 1.14 0.00	57.33 1.45 0.00	48.25 1.36 0.00	39.55 0.89 0.00	34.33 1.00 0.00	29.84 0.98 0.00	26.72 1.00 0.00
GOUDEY___8 23580	24.95 0.61 0.00	23.36 0.53 0.00	22.41 0.55 0.00	21.91 0.51 0.00	22.82 0.51 0.00	26.88 0.60 0.00	39.02 1.25 0.00	47.35 1.51 0.00	40.06 1.17 0.00	31.50 1.01 0.00	29.84 1.06 0.00	29.21 1.01 0.00	29.26 0.93 0.00	30.21 0.85 0.00	32.98 0.87 0.00	36.60 0.93 0.00	41.16 1.12 0.00	52.95 1.14 0.00	57.33 1.45 0.00	48.25 1.36 0.00	39.55 0.89 0.00	34.33 1.00 0.00	29.84 0.98 0.00	26.72 1.00 0.00
GOWANUS_GT1_1 24077	26.17 1.83 -0.01	24.32 1.48 0.00	23.25 1.38 0.00	22.64 1.24 0.00	23.64 1.34 0.00	27.62 1.34 0.00	39.40 1.62 0.00	47.99 2.15 0.00	41.26 2.37 0.00	32.63 2.13 0.00	30.93 2.16 0.00	30.53 2.34 0.00	30.76 2.44 0.00	31.94 2.58 0.00	34.94 2.83 0.00	38.70 3.03 0.00	42.76 2.72 0.00	55.75 3.94 0.00	60.40 4.53 0.00	50.31 3.42 0.00	41.37 2.71 0.00	35.67 2.33 0.00	31.02 2.16 0.00	27.90 2.19 0.00
GOWANUS_GT1_2 24078	26.17 1.83 -0.01	24.32 1.48 0.00	23.25 1.38 0.00	22.64 1.24 0.00	23.64 1.34 0.00	27.62 1.34 0.00	39.40 1.62 0.00	47.99 2.15 0.00	41.26 2.37 0.00	32.63 2.13 0.00	30.93 2.16 0.00	30.53 2.34 0.00	30.76 2.44 0.00	31.94 2.58 0.00	34.94 2.83 0.00	38.70 3.03 0.00	42.76 2.72 0.00	55.75 3.94 0.00	60.40 4.53 0.00	50.31 3.42 0.00	41.37 2.71 0.00	35.67 2.33 0.00	31.02 2.16 0.00	27.90 2.19 0.00
GOWANUS_GT1_3 24079	26.17 1.83 -0.01	24.32 1.48 0.00	23.25 1.38 0.00	22.64 1.24 0.00	23.64 1.34 0.00	27.62 1.34 0.00	39.40 1.62 0.00	47.99 2.15 0.00	41.26 2.37 0.00	32.63 2.13 0.00	30.93 2.16 0.00	30.53 2.34 0.00	30.76 2.44 0.00	31.94 2.58 0.00	34.94 2.83 0.00	38.70 3.03 0.00	42.76 2.72 0.00	55.75 3.94 0.00	60.40 4.53 0.00	50.31 3.42 0.00	41.37 2.71 0.00	35.67 2.33 0.00	31.02 2.16 0.00	27.90 2.19 0.00
GOWANUS_GT1_4 24080	26.17 1.83 -0.01	24.32 1.48 0.00	23.25 1.38 0.00	22.64 1.24 0.00	23.64 1.34 0.00	27.62 1.34 0.00	39.40 1.62 0.00	47.99 2.15 0.00	41.26 2.37 0.00	32.63 2.13 0.00	30.93 2.16 0.00	30.53 2.34 0.00	30.76 2.44 0.00	31.94 2.58 0.00	34.94 2.83 0.00	38.70 3.03 0.00	42.76 2.72 0.00	55.75 3.94 0.00	60.40 4.53 0.00	50.31 3.42 0.00	41.37 2.71 0.00	35.67 2.33 0.00	31.02 2.16 0.00	27.90 2.19 0.00
GOWANUS_GT1_5 24084	26.17 1.83 -0.01	24.32 1.48 0.00	23.25 1.38 0.00	22.64 1.24 0.00	23.64 1.34 0.00	27.62 1.34 0.00	39.40 1.62 0.00	47.99 2.15 0.00	41.26 2.37 0.00	32.63 2.13 0.00	30.93 2.16 0.00	30.53 2.34 0.00	30.76 2.44 0.00	31.94 2.58 0.00	34.94 2.83 0.00	38.70 3.03 0.00	42.76 2.72 0.00	55.75 3.94 0.00	60.40 4.53 0.00	50.31 3.42 0.00	41.37 2.71 0.00	35.67 2.33 0.00	31.02 2.16 0.00	27.90 2.19 0.00
GOWANUS_GT1_6 24111	26.17 1.83 -0.01	24.32 1.48 0.00	23.25 1.38 0.00	22.64 1.24 0.00	23.64 1.34 0.00	27.62 1.34 0.00	39.40 1.62 0.00	47.99 2.15 0.00	41.26 2.37 0.00	32.63 2.13 0.00	30.93 2.16 0.00	30.53 2.34 0.00	30.76 2.44 0.00	31.94 2.58 0.00	34.94 2.83 0.00	38.70 3.03 0.00	42.76 2.72 0.00	55.75 3.94 0.00	60.40 4.53 0.00	50.31 3.42 0.00	41.37 2.71 0.00	35.67 2.33 0.00	31.02 2.16 0.00	27.90 2.19 0.00
GOWANUS_GT1_7 24112	26.17 1.83 -0.01	24.32 1.48 0.00	23.25 1.38 0.00	22.64 1.24 0.00	23.64 1.34 0.00	27.62 1.34 0.00	39.40 1.62 0.00	47.99 2.15 0.00	41.26 2.37 0.00	32.63 2.13 0.00	30.93 2.16 0.00	30.53 2.34 0.00	30.76 2.44 0.00	31.94 2.58 0.00	34.94 2.83 0.00	38.70 3.03 0.00	42.76 2.72 0.00	55.75 3.94 0.00	60.40 4.53 0.00	50.31 3.42 0.00	41.37 2.71 0.00	35.67 2.33 0.00	31.02 2.16 0.00	27.90 2.19 0.00
GOWANUS_GT1_8 24113	26.17 1.83 -0.01	24.32 1.48 0.00	23.25 1.38 0.00	22.64 1.24 0.00	23.64 1.34 0.00	27.62 1.34 0.00	39.40 1.62 0.00	47.99 2.15 0.00	41.26 2.37 0.00	32.63 2.13 0.00	30.93 2.16 0.00	30.53 2.34 0.00	30.76 2.44 0.00	31.94 2.58 0.00	34.94 2.83 0.00	38.70 3.03 0.00	42.76 2.72 0.00	55.75 3.94 0.00	60.40 4.53 0.00	50.31 3.42 0.00	41.37 2.71 0.00	35.67 2.33 0.00	31.02 2.16 0.00	27.90 2.19 0.00
GOWANUS_GT2_1 24114	26.15 1.80 -0.01	24.46 1.62 0.00	23.29 1.42 0.00	22.70 1.31 0.00	23.73 1.43 0.00	27.72 1.44 0.00	39.52 1.74 0.00	48.04 2.20 0.00	41.19 2.29 0.00	32.59 2.10 0.00	31.02 2.25 0.00	30.62 2.42 0.00	30.79 2.46 0.00	32.03 2.67 0.00	35.03 2.92 0.00	38.81 3.14 0.00	42.76 2.72 0.00	55.96 4.15 0.00	60.96 5.08 0.00	50.41 3.52 0.00	41.60 2.94 0.00	35.80 2.47 0.00	31.02 2.17 0.00	27.90 2.18 0.00
GOWANUS_GT2_2 24115	26.15 1.80 -0.01	24.46 1.62 0.00	23.29 1.42 0.00	22.70 1.31 0.00	23.73 1.43 0.00	27.72 1.44 0.00	39.52 1.74 0.00	48.04 2.20 0.00	41.19 2.29 0.00	32.59 2.10 0.00	31.02 2.25 0.00	30.62 2.42 0.00	30.79 2.46 0.00	32.03 2.67 0.00	35.03 2.92 0.00	38.81 3.14 0.00	42.76 2.72 0.00	55.96 4.15 0.00	60.96 5.08 0.00	50.41 3.52 0.00	41.60 2.94 0.00	35.80 2.47 0.00	31.02 2.17 0.00	27.90 2.18 0.00
GOWANUS_GT2_3 24116	26.15 1.80 -0.01	24.46 1.62 0.00	23.29 1.42 0.00	22.70 1.31 0.00	23.73 1.43 0.00	27.72 1.44 0.00	39.52 1.74 0.00	48.04 2.20 0.00	41.19 2.29 0.00	32.59 2.10 0.00	31.02 2.25 0.00	30.62 2.42 0.00	30.79 2.46 0.00	32.03 2.67 0.00	35.03 2.92 0.00	38.81 3.14 0.00	42.76 2.72 0.00	55.96 4.15 0.00	60.96 5.08 0.00	50.41 3.52 0.00	41.60 2.94 0.00	35.80 2.47 0.00	31.02 2.17 0.00	27.90 2.18 0.00



GOWANUS_GT2_4 24117	26.15 1.80 -0.01	24.46 1.62 0.00	23.29 1.42 0.00	22.70 1.31 0.00	23.73 1.43 0.00	27.72 1.44 0.00	39.52 1.74 0.00	48.04 2.20 0.00	41.19 2.29 0.00	32.59 2.10 0.00	31.02 2.25 0.00	30.62 2.42 0.00	30.79 2.46 0.00	32.03 2.67 0.00	35.03 2.92 0.00	38.81 3.14 0.00	42.76 2.72 0.00	55.96 4.15 0.00	60.96 5.08 0.00	50.41 3.52 0.00	41.60 2.94 0.00	35.80 2.47 0.00	31.02 2.17 0.00	27.90 2.18 0.00
GOWANUS_GT2_5 24118	26.15 1.80 -0.01	24.46 1.62 0.00	23.29 1.42 0.00	22.70 1.31 0.00	23.73 1.43 0.00	27.72 1.44 0.00	39.52 1.74 0.00	48.04 2.20 0.00	41.19 2.29 0.00	32.59 2.10 0.00	31.02 2.25 0.00	30.62 2.42 0.00	30.79 2.46 0.00	32.03 2.67 0.00	35.03 2.92 0.00	38.81 3.14 0.00	42.76 2.72 0.00	55.96 4.15 0.00	60.96 5.08 0.00	50.41 3.52 0.00	41.60 2.94 0.00	35.80 2.47 0.00	31.02 2.17 0.00	27.90 2.18 0.00
GOWANUS_GT2_6 24119	26.15 1.80 -0.01	24.46 1.62 0.00	23.29 1.42 0.00	22.70 1.31 0.00	23.73 1.43 0.00	27.72 1.44 0.00	39.52 1.74 0.00	48.04 2.20 0.00	41.19 2.29 0.00	32.59 2.10 0.00	31.02 2.25 0.00	30.62 2.42 0.00	30.79 2.46 0.00	32.03 2.67 0.00	35.03 2.92 0.00	38.81 3.14 0.00	42.76 2.72 0.00	55.96 4.15 0.00	60.96 5.08 0.00	50.41 3.52 0.00	41.60 2.94 0.00	35.80 2.47 0.00	31.02 2.17 0.00	27.90 2.18 0.00
GOWANUS_GT2_7 24120	26.15 1.80 -0.01	24.46 1.62 0.00	23.29 1.42 0.00	22.70 1.31 0.00	23.73 1.43 0.00	27.72 1.44 0.00	39.52 1.74 0.00	48.04 2.20 0.00	41.19 2.29 0.00	32.59 2.10 0.00	31.02 2.25 0.00	30.62 2.42 0.00	30.79 2.46 0.00	32.03 2.67 0.00	35.03 2.92 0.00	38.81 3.14 0.00	42.76 2.72 0.00	55.96 4.15 0.00	60.96 5.08 0.00	50.41 3.52 0.00	41.60 2.94 0.00	35.80 2.47 0.00	31.02 2.17 0.00	27.90 2.18 0.00
GOWANUS_GT2_8 24121	26.15 1.80 -0.01	24.46 1.62 0.00	23.29 1.42 0.00	22.70 1.31 0.00	23.73 1.43 0.00	27.72 1.44 0.00	39.52 1.74 0.00	48.04 2.20 0.00	41.19 2.29 0.00	32.59 2.10 0.00	31.02 2.25 0.00	30.62 2.42 0.00	30.79 2.46 0.00	32.03 2.67 0.00	35.03 2.92 0.00	38.81 3.14 0.00	42.76 2.72 0.00	55.96 4.15 0.00	60.96 5.08 0.00	50.41 3.52 0.00	41.60 2.94 0.00	35.80 2.47 0.00	31.02 2.17 0.00	27.90 2.18 0.00
GOWANUS_GT3_1 24122	26.15 1.80 -0.01	24.46 1.62 0.00	23.29 1.42 0.00	22.70 1.31 0.00	23.73 1.43 0.00	27.72 1.44 0.00	39.52 1.74 0.00	48.04 2.20 0.00	41.19 2.29 0.00	32.59 2.10 0.00	31.02 2.25 0.00	30.62 2.42 0.00	30.79 2.46 0.00	32.03 2.67 0.00	35.03 2.92 0.00	38.81 3.14 0.00	42.76 2.72 0.00	55.96 4.15 0.00	60.96 5.08 0.00	50.41 3.52 0.00	41.60 2.94 0.00	35.80 2.47 0.00	31.02 2.17 0.00	27.90 2.18 0.00
GOWANUS_GT3_2 24123	26.15 1.80 -0.01	24.46 1.62 0.00	23.29 1.42 0.00	22.70 1.31 0.00	23.73 1.43 0.00	27.72 1.44 0.00	39.52 1.74 0.00	48.04 2.20 0.00	41.19 2.29 0.00	32.59 2.10 0.00	31.02 2.25 0.00	30.62 2.42 0.00	30.79 2.46 0.00	32.03 2.67 0.00	35.03 2.92 0.00	38.81 3.14 0.00	42.76 2.72 0.00	55.96 4.15 0.00	60.96 5.08 0.00	50.41 3.52 0.00	41.60 2.94 0.00	35.80 2.47 0.00	31.02 2.17 0.00	27.90 2.18 0.00
GOWANUS_GT3_3 24124	26.15 1.80 -0.01	24.46 1.62 0.00	23.29 1.42 0.00	22.70 1.31 0.00	23.73 1.43 0.00	27.72 1.44 0.00	39.52 1.74 0.00	48.04 2.20 0.00	41.19 2.29 0.00	32.59 2.10 0.00	31.02 2.25 0.00	30.62 2.42 0.00	30.79 2.46 0.00	32.03 2.67 0.00	35.03 2.92 0.00	38.81 3.14 0.00	42.76 2.72 0.00	55.96 4.15 0.00	60.96 5.08 0.00	50.41 3.52 0.00	41.60 2.94 0.00	35.80 2.47 0.00	31.02 2.17 0.00	27.90 2.18 0.00
GOWANUS_GT3_4 24125	26.15 1.80 -0.01	24.46 1.62 0.00	23.29 1.42 0.00	22.70 1.31 0.00	23.73 1.43 0.00	27.72 1.44 0.00	39.52 1.74 0.00	48.04 2.20 0.00	41.19 2.29 0.00	32.59 2.10 0.00	31.02 2.25 0.00	30.62 2.42 0.00	30.79 2.46 0.00	32.03 2.67 0.00	35.03 2.92 0.00	38.81 3.14 0.00	42.76 2.72 0.00	55.96 4.15 0.00	60.96 5.08 0.00	50.41 3.52 0.00	41.60 2.94 0.00	35.80 2.47 0.00	31.02 2.17 0.00	27.90 2.18 0.00
GOWANUS_GT3_5 24126	26.15 1.80 -0.01	24.46 1.62 0.00	23.29 1.42 0.00	22.70 1.31 0.00	23.73 1.43 0.00	27.72 1.44 0.00	39.52 1.74 0.00	48.04 2.20 0.00	41.19 2.29 0.00	32.59 2.10 0.00	31.02 2.25 0.00	30.62 2.42 0.00	30.79 2.46 0.00	32.03 2.67 0.00	35.03 2.92 0.00	38.81 3.14 0.00	42.76 2.72 0.00	55.96 4.15 0.00	60.96 5.08 0.00	50.41 3.52 0.00	41.60 2.94 0.00	35.80 2.47 0.00	31.02 2.17 0.00	27.90 2.18 0.00
GOWANUS_GT3_6 24127	26.15 1.80 -0.01	24.46 1.62 0.00	23.29 1.42 0.00	22.70 1.31 0.00	23.73 1.43 0.00	27.72 1.44 0.00	39.52 1.74 0.00	48.04 2.20 0.00	41.19 2.29 0.00	32.59 2.10 0.00	31.02 2.25 0.00	30.62 2.42 0.00	30.79 2.46 0.00	32.03 2.67 0.00	35.03 2.92 0.00	38.81 3.14 0.00	42.76 2.72 0.00	55.96 4.15 0.00	60.96 5.08 0.00	50.41 3.52 0.00	41.60 2.94 0.00	35.80 2.47 0.00	31.02 2.17 0.00	27.90 2.18 0.00
GOWANUS_GT3_7 24128	26.15 1.80 -0.01	24.46 1.62 0.00	23.29 1.42 0.00	22.70 1.31 0.00	23.73 1.43 0.00	27.72 1.44 0.00	39.52 1.74 0.00	48.04 2.20 0.00	41.19 2.29 0.00	32.59 2.10 0.00	31.02 2.25 0.00	30.62 2.42 0.00	30.79 2.46 0.00	32.03 2.67 0.00	35.03 2.92 0.00	38.81 3.14 0.00	42.76 2.72 0.00	55.96 4.15 0.00	60.96 5.08 0.00	50.41 3.52 0.00	41.60 2.94 0.00	35.80 2.47 0.00	31.02 2.17 0.00	27.90 2.18 0.00
GOWANUS_GT3_8 24129	26.15 1.80 -0.01	24.46 1.62 0.00	23.29 1.42 0.00	22.70 1.31 0.00	23.73 1.43 0.00	27.72 1.44 0.00	39.52 1.74 0.00	48.04 2.20 0.00	41.19 2.29 0.00	32.59 2.10 0.00	31.02 2.25 0.00	30.62 2.42 0.00	30.79 2.46 0.00	32.03 2.67 0.00	35.03 2.92 0.00	38.81 3.14 0.00	42.76 2.72 0.00	55.96 4.15 0.00	60.96 5.08 0.00	50.41 3.52 0.00	41.60 2.94 0.00	35.80 2.47 0.00	31.02 2.17 0.00	27.90 2.18 0.00
GOWANUS_GT4_1 24130	26.17 1.83 -0.01	24.32 1.48 0.00	23.25 1.38 0.00	22.64 1.24 0.00	23.64 1.34 0.00	27.62 1.34 0.00	39.40 1.62 0.00	47.99 2.15 0.00	41.26 2.37 0.00	32.63 2.13 0.00	30.93 2.16 0.00	30.53 2.34 0.00	30.76 2.44 0.00	31.94 2.58 0.00	34.94 2.83 0.00	38.70 3.03 0.00	42.76 2.72 0.00	55.75 3.94 0.00	60.40 4.53 0.00	50.31 3.42 0.00	41.37 2.71 0.00	35.67 2.33 0.00	31.02 2.16 0.00	27.90 2.19 0.00
GOWANUS_GT4_2 24131	26.17 1.83 -0.01	24.32 1.48 0.00	23.25 1.38 0.00	22.64 1.24 0.00	23.64 1.34 0.00	27.62 1.34 0.00	39.40 1.62 0.00	47.99 2.15 0.00	41.26 2.37 0.00	32.63 2.13 0.00	30.93 2.16 0.00	30.53 2.34 0.00	30.76 2.44 0.00	31.94 2.58 0.00	34.94 2.83 0.00	38.70 3.03 0.00	42.76 2.72 0.00	55.75 3.94 0.00	60.40 4.53 0.00	50.31 3.42 0.00	41.37 2.71 0.00	35.67 2.33 0.00	31.02 2.16 0.00	27.90 2.19 0.00



GOWANUS_GT4_3 24132	26.17 1.83 -0.01	24.32 1.48 0.00	23.25 1.38 0.00	22.64 1.24 0.00	23.64 1.34 0.00	27.62 1.34 0.00	39.40 1.62 0.00	47.99 2.15 0.00	41.26 2.37 0.00	32.63 2.13 0.00	30.93 2.16 0.00	30.53 2.34 0.00	30.76 2.44 0.00	31.94 2.58 0.00	34.94 2.83 0.00	38.70 3.03 0.00	42.76 2.72 0.00	55.75 3.94 0.00	60.40 4.53 0.00	50.31 3.42 0.00	41.37 2.71 0.00	35.67 2.33 0.00	31.02 2.16 0.00	27.90 2.19 0.00
GOWANUS_GT4_4 24133	26.17 1.83 -0.01	24.32 1.48 0.00	23.25 1.38 0.00	22.64 1.24 0.00	23.64 1.34 0.00	27.62 1.34 0.00	39.40 1.62 0.00	47.99 2.15 0.00	41.26 2.37 0.00	32.63 2.13 0.00	30.93 2.16 0.00	30.53 2.34 0.00	30.76 2.44 0.00	31.94 2.58 0.00	34.94 2.83 0.00	38.70 3.03 0.00	42.76 2.72 0.00	55.75 3.94 0.00	60.40 4.53 0.00	50.31 3.42 0.00	41.37 2.71 0.00	35.67 2.33 0.00	31.02 2.16 0.00	27.90 2.19 0.00
GOWANUS_GT4_5 24134	26.17 1.83 -0.01	24.32 1.48 0.00	23.25 1.38 0.00	22.64 1.24 0.00	23.64 1.34 0.00	27.62 1.34 0.00	39.40 1.62 0.00	47.99 2.15 0.00	41.26 2.37 0.00	32.63 2.13 0.00	30.93 2.16 0.00	30.53 2.34 0.00	30.76 2.44 0.00	31.94 2.58 0.00	34.94 2.83 0.00	38.70 3.03 0.00	42.76 2.72 0.00	55.75 3.94 0.00	60.40 4.53 0.00	50.31 3.42 0.00	41.37 2.71 0.00	35.67 2.33 0.00	31.02 2.16 0.00	27.90 2.19 0.00
GOWANUS_GT4_6 24135	26.17 1.83 -0.01	24.32 1.48 0.00	23.25 1.38 0.00	22.64 1.24 0.00	23.64 1.34 0.00	27.62 1.34 0.00	39.40 1.62 0.00	47.99 2.15 0.00	41.26 2.37 0.00	32.63 2.13 0.00	30.93 2.16 0.00	30.53 2.34 0.00	30.76 2.44 0.00	31.94 2.58 0.00	34.94 2.83 0.00	38.70 3.03 0.00	42.76 2.72 0.00	55.75 3.94 0.00	60.40 4.53 0.00	50.31 3.42 0.00	41.37 2.71 0.00	35.67 2.33 0.00	31.02 2.16 0.00	27.90 2.19 0.00
GOWANUS_GT4_7 24136	26.17 1.83 -0.01	24.32 1.48 0.00	23.25 1.38 0.00	22.64 1.24 0.00	23.64 1.34 0.00	27.62 1.34 0.00	39.40 1.62 0.00	47.99 2.15 0.00	41.26 2.37 0.00	32.63 2.13 0.00	30.93 2.16 0.00	30.53 2.34 0.00	30.76 2.44 0.00	31.94 2.58 0.00	34.94 2.83 0.00	38.70 3.03 0.00	42.76 2.72 0.00	55.75 3.94 0.00	60.40 4.53 0.00	50.31 3.42 0.00	41.37 2.71 0.00	35.67 2.33 0.00	31.02 2.16 0.00	27.90 2.19 0.00
GOWANUS_GT4_8 24137	26.17 1.83 -0.01	24.32 1.48 0.00	23.25 1.38 0.00	22.64 1.24 0.00	23.64 1.34 0.00	27.62 1.34 0.00	39.40 1.62 0.00	47.99 2.15 0.00	41.26 2.37 0.00	32.63 2.13 0.00	30.93 2.16 0.00	30.53 2.34 0.00	30.76 2.44 0.00	31.94 2.58 0.00	34.94 2.83 0.00	38.70 3.03 0.00	42.76 2.72 0.00	55.75 3.94 0.00	60.40 4.53 0.00	50.31 3.42 0.00	41.37 2.71 0.00	35.67 2.33 0.00	31.02 2.16 0.00	27.90 2.19 0.00
GREENBSH_115KV_TB3 55895	24.90 0.56 0.00	23.32 0.48 0.00	22.26 0.39 0.00	21.76 0.36 0.00	22.68 0.38 0.00	26.75 0.47 0.00	38.42 0.64 0.00	46.57 0.73 0.00	39.71 0.82 0.00	30.98 0.49 0.00	29.20 0.43 0.00	28.70 0.51 0.00	28.95 0.62 0.00	30.12 0.76 0.00	32.91 0.80 0.00	36.60 0.93 0.00	41.16 1.12 0.00	53.63 1.81 0.00	58.00 2.12 0.00	48.62 1.73 0.00	40.02 1.35 0.00	34.30 0.97 0.00	29.78 0.92 0.00	26.54 0.82 0.00
GREENDGE_115KV_TB5 80291	24.44 0.10 0.00	22.90 0.07 0.00	22.04 0.17 0.00	21.59 0.19 0.00	22.46 0.16 0.00	26.56 0.29 0.00	38.31 0.53 0.00	46.62 0.78 0.00	39.16 0.27 0.00	31.01 0.52 0.00	29.29 0.52 0.00	28.62 0.42 0.00	28.69 0.37 0.00	29.56 0.21 0.00	32.27 0.16 0.00	35.88 0.21 0.00	40.12 0.08 0.00	51.80 -0.36 -0.35	56.04 0.00 -0.17	46.97 0.05 -0.03	38.39 -0.27 0.00	33.67 0.33 0.00	29.20 0.35 0.00	26.05 0.33 0.00
GREENIDGE___3 23582	24.44 0.10 0.00	22.90 0.07 0.00	22.04 0.17 0.00	21.59 0.19 0.00	22.46 0.16 0.00	26.56 0.29 0.00	38.31 0.53 0.00	46.62 0.78 0.00	39.16 0.27 0.00	31.01 0.52 0.00	29.29 0.52 0.00	28.62 0.42 0.00	28.69 0.37 0.00	29.56 0.21 0.00	32.27 0.16 0.00	35.88 0.21 0.00	40.12 0.08 0.00	51.80 -0.36 -0.35	56.04 0.00 -0.17	46.97 0.05 -0.03	38.39 -0.27 0.00	33.67 0.33 0.00	29.20 0.35 0.00	26.05 0.33 0.00
GREENIDGE___4 23583	24.61 0.27 0.00	22.93 0.09 0.00	22.06 0.20 0.00	21.65 0.26 0.00	22.50 0.20 0.00	26.64 0.37 0.00	38.53 0.76 0.00	46.76 0.92 0.00	39.86 0.97 0.00	31.16 0.67 0.00	29.29 0.52 0.00	28.64 0.45 0.00	28.78 0.45 0.00	29.59 0.23 0.00	32.30 0.19 0.00	35.99 0.32 0.00	40.20 0.16 0.00	51.96 -0.21 -0.35	56.55 0.50 -0.17	47.06 0.14 -0.03	38.62 -0.04 0.00	33.70 0.37 0.00	29.20 0.35 0.00	26.05 0.33 0.00
GREENLWN_69_KV_BK 3 55738	25.90 1.56 0.00	24.05 1.21 0.00	22.94 1.07 0.00	22.34 0.94 0.00	23.35 1.05 0.00	27.48 1.21 0.00	37.17 0.60 1.22	38.35 0.92 8.41	34.43 1.28 5.75	29.99 1.34 1.84	29.08 1.35 1.04	29.48 1.47 0.18	29.16 1.56 0.72	30.73 1.56 0.19	30.95 1.73 2.90	33.71 1.78 3.74	38.65 1.76 3.15	52.53 2.80 2.09	57.21 3.24 1.91	48.97 2.44 0.36	38.59 1.89 1.97	34.38 1.37 0.32	30.09 1.24 0.01	27.98 2.26 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	26.17 1.83 -0.01	24.32 1.48 0.00	23.25 1.38 0.00	22.64 1.24 0.00	23.64 1.34 0.00	27.62 1.34 0.00	39.40 1.62 0.00	47.99 2.15 0.00	41.26 2.37 0.00	32.63 2.13 0.00	30.93 2.16 0.00	30.53 2.34 0.00	30.76 2.44 0.00	31.94 2.58 0.00	34.94 2.83 0.00	38.70 3.03 0.00	42.76 2.72 0.00	55.75 3.94 0.00	60.40 4.53 0.00	50.31 3.42 0.00	41.37 2.71 0.00	35.67 2.33 0.00	31.02 2.16 0.00	27.90 2.19 0.00
GRISSOM___SOLAR 323813	26.26 1.92 0.00	24.64 1.80 0.00	23.51 1.64 0.00	22.98 1.58 0.00	24.00 1.69 0.00	28.38 2.10 0.00	40.99 3.21 0.00	49.64 3.80 0.00	41.85 2.95 0.00	32.44 1.95 0.00	30.35 1.58 0.00	29.69 1.49 0.00	29.94 1.61 0.00	31.03 1.67 0.00	34.13 2.02 0.00	38.38 2.71 0.00	43.68 3.64 0.00	57.10 5.29 0.00	62.13 6.26 0.00	51.77 4.88 0.00	42.57 3.90 0.00	36.53 3.20 0.00	31.42 2.57 0.00	27.93 2.21 0.00
GROVEVILLE___HYD 323602	25.80 1.46 0.00	24.07 1.23 0.00	23.01 1.14 0.00	22.44 1.05 0.00	23.42 1.12 0.00	27.48 1.21 0.00	39.70 1.93 0.00	48.27 2.43 0.00	41.30 2.41 0.00	32.35 1.86 0.00	30.61 1.84 0.00	30.08 1.89 0.00	30.28 1.95 0.00	31.44 2.08 0.00	34.49 2.38 0.00	38.27 2.60 0.00	42.76 2.72 0.00	55.86 4.04 0.00	60.35 4.47 0.00	50.45 3.56 0.00	41.41 2.75 0.00	35.53 2.20 0.00	30.76 1.90 0.00	27.52 1.80 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	24.02 -0.32 0.00	22.52 -0.32 0.00	21.58 -0.28 0.00	21.14 -0.26 0.00	22.01 -0.29 0.00	25.99 -0.29 0.00	37.40 -0.38 0.00	45.43 -0.41 0.00	38.42 -0.47 0.00	30.16 -0.34 0.00	28.40 -0.37 0.00	27.77 -0.42 0.00	27.93 -0.40 0.00	28.89 -0.47 0.00	31.56 -0.55 0.00	35.17 -0.50 0.00	39.48 -0.56 0.00	52.75 -0.88 -1.82	55.97 -0.78 -0.87	46.40 -0.66 -0.17	38.08 -0.58 0.00	32.93 -0.40 0.00	28.54 -0.32 0.00	25.38 -0.33 0.00



HAMLTNNY_34_KV_TB 80303	24.05 -0.29 0.00	22.54 -0.30 0.00	21.61 -0.26 0.00	21.16 -0.24 0.00	22.04 -0.27 0.00	26.01 -0.26 0.00	37.48 -0.30 0.00	45.52 -0.32 0.00	38.46 -0.43 0.00	30.19 -0.30 0.00	28.43 -0.35 0.00	27.83 -0.37 0.00	27.96 -0.37 0.00	28.92 -0.44 0.00	31.60 -0.51 0.00	35.21 -0.46 0.00	39.52 -0.52 0.00	52.86 -0.83 -1.88	56.11 -0.67 -0.90	46.45 -0.61 -0.17	38.12 -0.54 0.00	32.97 -0.37 0.00	28.57 -0.29 0.00	25.41 -0.31 0.00
HAMPSHIRE___PAPER_HYD 323593	24.32 -0.02 0.00	22.97 0.14 0.00	22.02 0.15 0.00	21.59 0.19 0.00	22.57 0.27 0.00	26.64 0.37 0.00	38.46 0.68 0.00	46.67 0.83 0.00	39.20 0.31 0.00	30.64 0.15 0.00	28.80 0.03 0.00	28.25 0.06 0.00	28.24 -0.08 0.00	29.24 -0.12 0.00	32.08 -0.03 0.00	35.53 -0.14 0.00	40.20 0.16 0.00	52.35 -0.05 -0.59	55.71 -0.45 -0.28	46.71 -0.23 -0.05	38.47 -0.19 0.00	33.33 0.00 0.00	28.77 -0.09 0.00	25.54 -0.18 0.00
HARDSCRABBLE_WT_PWR 323673	24.02 -0.32 0.00	22.54 -0.30 0.00	21.58 -0.28 0.00	21.12 -0.28 0.00	22.04 -0.27 0.00	25.99 -0.29 0.00	37.47 -0.30 0.00	45.38 -0.46 0.00	38.43 -0.46 0.00	30.13 -0.36 0.00	28.37 -0.40 0.00	27.86 -0.34 0.00	27.95 -0.37 0.00	28.97 -0.38 0.00	31.73 -0.38 0.00	35.28 -0.39 0.00	39.56 -0.48 0.00	51.14 -0.68 0.00	55.15 -0.73 0.00	46.14 -0.75 0.00	37.97 -0.69 0.00	32.87 -0.47 0.00	28.39 -0.46 0.00	25.30 -0.41 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	25.61 1.27 0.00	23.91 1.07 0.00	22.83 0.96 0.00	22.27 0.88 0.00	23.26 0.96 0.00	27.30 1.02 0.00	39.40 1.62 0.00	47.95 2.11 0.00	40.99 2.10 0.00	32.17 1.68 0.00	30.44 1.67 0.00	29.91 1.72 0.00	30.08 1.76 0.00	31.21 1.85 0.00	34.17 2.06 0.00	37.92 2.25 0.00	42.36 2.32 0.00	55.29 3.47 0.00	59.79 3.91 0.00	49.98 3.09 0.00	41.06 2.40 0.00	35.27 1.93 0.00	30.56 1.70 0.00	27.36 1.65 0.00
HARSNRAD_115KV_TB1 81005	23.66 -0.68 0.00	22.20 -0.64 0.00	21.56 -0.31 0.00	21.14 -0.26 0.00	21.88 -0.42 0.00	25.83 -0.45 0.00	37.29 -0.49 0.00	45.06 -0.78 0.00	37.84 -1.05 0.00	30.00 -0.49 0.00	28.60 -0.17 0.00	27.94 -0.25 0.00	27.98 -0.34 0.00	28.74 -0.62 0.00	31.28 -0.83 0.00	34.49 -1.18 0.00	38.84 -1.20 0.00	48.71 -3.11 0.00	52.86 -3.02 0.00	44.50 -2.39 0.00	36.46 -2.20 0.00	32.17 -1.17 0.00	28.16 -0.69 0.00	25.38 -0.33 0.00
HARZA MOOSE___RIVER 24016	24.46 0.12 0.00	22.97 0.14 0.00	22.02 0.15 0.00	21.59 0.19 0.00	22.59 0.29 0.00	26.70 0.42 0.00	38.68 0.91 0.00	47.03 1.19 0.00	39.55 0.66 0.00	30.92 0.43 0.00	29.03 0.26 0.00	28.53 0.34 0.00	28.52 0.20 0.00	29.53 0.18 0.00	32.40 0.29 0.00	36.03 0.36 0.00	40.64 0.60 0.00	52.95 0.62 -0.52	56.80 0.67 -0.25	47.45 0.52 -0.05	38.93 0.27 0.00	33.73 0.40 0.00	29.12 0.26 0.00	25.84 0.13 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	23.90 -0.44 0.00	22.40 -0.43 0.00	21.47 -0.39 0.00	21.03 -0.36 0.00	21.90 -0.40 0.00	25.83 -0.45 0.00	37.17 -0.60 0.00	45.15 -0.69 0.00	38.23 -0.66 0.00	29.97 -0.52 0.00	28.25 -0.52 0.00	27.66 -0.54 0.00	27.79 -0.54 0.00	28.74 -0.62 0.00	31.44 -0.67 0.00	34.99 -0.68 0.00	39.24 -0.80 0.00	51.66 -1.19 -1.04	55.26 -1.12 -0.50	46.05 -0.94 -0.10	37.89 -0.77 0.00	32.73 -0.60 0.00	28.39 -0.46 0.00	25.25 -0.46 0.00
HELLGATE_13_KV_LD 55870	26.03 1.68 -0.01	24.23 1.39 0.00	23.16 1.29 0.00	22.57 1.18 0.00	23.56 1.25 0.00	27.56 1.29 0.00	39.40 1.62 0.00	47.90 2.06 0.00	41.19 2.29 0.00	32.56 2.07 0.00	30.87 2.10 0.00	30.45 2.26 0.00	30.65 2.32 0.00	31.82 2.47 0.00	34.81 2.70 0.00	38.52 2.85 0.00	42.64 2.60 0.00	55.60 3.78 0.00	60.24 4.36 0.00	50.17 3.28 0.00	41.29 2.63 0.00	35.60 2.27 0.00	30.90 2.05 0.00	27.80 2.08 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	26.03 1.68 -0.01	24.23 1.39 0.00	23.16 1.29 0.00	22.57 1.18 0.00	23.56 1.25 0.00	27.56 1.29 0.00	39.40 1.62 0.00	47.90 2.06 0.00	41.19 2.29 0.00	32.56 2.07 0.00	30.87 2.10 0.00	30.45 2.26 0.00	30.65 2.32 0.00	31.82 2.47 0.00	34.81 2.70 0.00	38.52 2.85 0.00	42.64 2.60 0.00	55.60 3.78 0.00	60.24 4.36 0.00	50.17 3.28 0.00	41.29 2.63 0.00	35.60 2.27 0.00	30.90 2.05 0.00	27.80 2.08 0.00
HEMPSTEAD____ 23647	25.82 1.48 0.00	24.16 1.32 0.00	23.00 1.14 0.00	22.36 0.96 0.00	23.44 1.14 0.00	27.56 1.29 0.00	38.31 1.21 0.68	42.83 1.60 4.62	37.42 1.71 3.18	30.93 1.46 1.03	29.86 1.67 0.58	29.92 1.83 0.11	29.76 1.84 0.41	31.33 2.08 0.11	32.72 2.21 1.61	35.87 2.35 2.16	40.40 2.32 1.96	54.14 3.63 1.30	59.16 4.47 1.19	49.80 3.14 0.23	39.87 2.44 1.23	35.03 1.90 0.20	30.34 1.50 0.01	27.75 2.03 -0.01
HEWLETT_69_KV_BK3 55828	26.12 1.78 0.00	24.25 1.42 0.00	23.14 1.27 0.00	22.53 1.13 0.00	23.55 1.25 0.00	27.72 1.45 0.00	39.07 1.44 0.14	46.99 1.93 0.77	40.31 2.10 0.68	32.10 1.83 0.22	30.55 1.90 0.12	30.26 2.09 0.02	30.36 2.12 0.09	31.60 2.26 0.02	34.27 2.50 0.34	37.84 2.60 0.44	42.36 2.68 0.36	55.51 3.94 0.24	60.18 4.53 0.22	50.32 3.47 0.04	41.14 2.71 0.23	35.43 2.13 0.04	30.73 1.88 0.00	28.06 2.34 0.00
HICKLING___1 23621	24.73 0.39 0.00	23.18 0.34 0.00	22.31 0.44 0.00	21.82 0.43 0.00	22.71 0.40 0.00	26.80 0.53 0.00	38.99 1.21 0.00	47.35 1.51 0.00	39.86 0.97 0.00	31.44 0.95 0.00	29.84 1.06 0.00	29.15 0.96 0.00	29.17 0.85 0.00	30.00 0.65 0.00	32.72 0.61 0.00	36.31 0.64 0.00	40.88 0.84 0.00	52.28 0.47 0.00	56.66 0.78 0.00	47.69 0.80 0.00	38.97 0.31 0.00	34.03 0.70 0.00	29.61 0.75 0.00	26.51 0.80 0.00
HICKLING___2 23622	24.73 0.39 0.00	23.18 0.34 0.00	22.31 0.44 0.00	21.82 0.43 0.00	22.71 0.40 0.00	26.80 0.53 0.00	38.99 1.21 0.00	47.35 1.51 0.00	39.86 0.97 0.00	31.44 0.95 0.00	29.84 1.06 0.00	29.15 0.96 0.00	29.17 0.85 0.00	30.00 0.65 0.00	32.72 0.61 0.00	36.31 0.64 0.00	40.88 0.84 0.00	52.28 0.47 0.00	56.66 0.78 0.00	47.69 0.80 0.00	38.97 0.31 0.00	34.03 0.70 0.00	29.61 0.75 0.00	26.51 0.80 0.00
HIGH FALLS___HY 23754	25.80 1.46 0.00	24.05 1.21 0.00	23.01 1.14 0.00	22.44 1.05 0.00	23.44 1.14 0.00	27.46 1.18 0.00	39.74 1.96 0.00	48.41 2.57 0.00	41.34 2.45 0.00	32.44 1.95 0.00	30.70 1.93 0.00	30.17 1.97 0.00	30.31 1.98 0.00	31.47 2.11 0.00	34.49 2.38 0.00	38.24 2.57 0.00	42.68 2.64 0.00	55.75 3.94 0.00	60.24 4.36 0.00	50.41 3.52 0.00	41.33 2.67 0.00	35.53 2.20 0.00	30.73 1.88 0.00	27.52 1.80 0.00
HIGH_RIVER___SOLAR 323847	25.65 1.31 0.00	24.07 1.23 0.00	22.96 1.09 0.00	22.44 1.05 0.00	23.42 1.11 0.00	27.64 1.37 0.00	39.85 2.08 0.00	48.31 2.47 0.00	40.72 1.83 0.00	31.62 1.13 0.00	29.55 0.78 0.00	28.92 0.73 0.00	29.15 0.82 0.00	30.30 0.94 0.00	33.36 1.25 0.00	37.42 1.75 0.00	42.48 2.44 0.00	55.49 3.68 0.00	60.35 4.47 0.00	50.27 3.38 0.00	41.41 2.75 0.00	35.50 2.17 0.00	30.62 1.76 0.00	27.26 1.54 0.00



HILLBURN___GT 23639	25.63 1.29 0.00	23.98 1.14 0.00	22.85 0.98 0.00	22.31 0.92 0.00	23.31 1.00 0.00	27.35 1.08 0.00	39.40 1.62 0.00	47.90 2.06 0.00	40.80 1.91 0.00	32.11 1.61 0.00	30.53 1.76 0.00	30.00 1.81 0.00	30.14 1.81 0.00	31.29 1.94 0.00	34.20 2.09 0.00	37.96 2.28 0.00	42.28 2.24 0.00	55.29 3.47 0.00	60.18 4.30 0.00	49.98 3.09 0.00	41.10 2.44 0.00	35.37 2.03 0.00	30.56 1.70 0.00	27.39 1.67 0.00
HILLSIDE_115KV_TB1 80332	24.51 0.17 0.00	22.97 0.14 0.00	22.11 0.24 0.00	21.63 0.24 0.00	22.48 0.18 0.00	26.51 0.24 0.00	38.57 0.79 0.00	46.76 0.92 0.00	39.47 0.58 0.00	31.10 0.61 0.00	29.55 0.78 0.00	28.87 0.68 0.00	28.89 0.57 0.00	29.74 0.38 0.00	32.43 0.32 0.00	35.96 0.29 0.00	40.44 0.40 0.00	51.81 0.00 0.00	56.16 0.28 0.00	47.31 0.42 0.00	38.70 0.04 0.00	33.73 0.40 0.00	29.38 0.52 0.00	26.33 0.62 0.00
HISHELDN_WT_PWR 323625	24.34 0.00 0.00	22.59 -0.25 0.00	21.91 0.04 0.00	21.52 0.13 0.00	22.28 -0.02 0.00	26.41 0.13 0.00	38.16 0.38 0.00	46.21 0.37 0.00	39.24 0.35 0.00	30.89 0.40 0.00	29.17 0.40 0.00	28.53 0.34 0.00	28.69 0.37 0.00	29.36 0.00 0.00	32.01 -0.10 0.00	35.42 -0.25 0.00	39.88 -0.16 0.00	50.31 -1.50 0.00	55.04 -0.84 0.00	45.76 -1.13 0.00	37.66 -1.01 0.00	32.77 -0.57 0.00	28.51 -0.34 0.00	25.69 -0.03 0.00
HOLTSVILLE_IC_1 23690	25.70 1.36 0.00	24.11 1.28 0.00	22.94 1.07 0.00	22.23 0.83 0.00	23.37 1.07 0.00	27.61 1.34 0.00	37.40 0.87 1.25	38.46 1.19 8.57	34.31 1.28 5.87	29.55 0.95 1.89	28.86 1.15 1.07	29.33 1.33 0.19	28.88 1.30 0.74	30.95 1.79 0.20	30.95 1.80 2.96	33.82 1.96 3.82	38.83 2.00 3.21	52.85 3.16 2.13	57.95 4.03 1.95	49.33 2.81 0.37	38.86 2.20 2.01	34.64 1.63 0.33	30.20 1.36 0.02	28.01 2.29 -0.01
HOLTSVILLE_IC_10 23699	25.75 1.41 0.00	24.16 1.32 0.00	22.98 1.11 0.00	22.27 0.88 0.00	23.40 1.09 0.00	27.69 1.42 0.00	37.52 0.98 1.24	38.66 1.33 8.51	34.47 1.40 5.82	29.62 1.00 1.87	28.95 1.24 1.06	29.42 1.41 0.19	28.97 1.39 0.74	31.07 1.91 0.20	31.10 1.93 2.94	34.02 2.14 3.79	39.13 2.28 3.19	53.17 3.47 2.12	58.30 4.36 1.94	49.66 3.14 0.37	39.10 2.44 2.00	34.84 1.83 0.33	30.34 1.50 0.02	28.14 2.42 -0.01
HOLTSVILLE_IC_2 23691	25.70 1.36 0.00	24.11 1.28 0.00	22.94 1.07 0.00	22.23 0.83 0.00	23.37 1.07 0.00	27.61 1.34 0.00	37.40 0.87 1.25	38.46 1.19 8.57	34.31 1.28 5.87	29.55 0.95 1.89	28.86 1.15 1.07	29.33 1.33 0.19	28.88 1.30 0.74	30.95 1.79 0.20	30.95 1.80 2.96	33.82 1.96 3.82	38.83 2.00 3.21	52.85 3.16 2.13	57.95 4.03 1.95	49.33 2.81 0.37	38.86 2.20 2.01	34.64 1.63 0.33	30.20 1.36 0.02	28.01 2.29 -0.01
HOLTSVILLE_IC_3 23692	25.70 1.36 0.00	24.11 1.28 0.00	22.94 1.07 0.00	22.23 0.83 0.00	23.37 1.07 0.00	27.61 1.34 0.00	37.40 0.87 1.25	38.46 1.19 8.57	34.31 1.28 5.87	29.55 0.95 1.89	28.86 1.15 1.07	29.33 1.33 0.19	28.88 1.30 0.74	30.95 1.79 0.20	30.95 1.80 2.96	33.82 1.96 3.82	38.83 2.00 3.21	52.85 3.16 2.13	57.95 4.03 1.95	49.33 2.81 0.37	38.86 2.20 2.01	34.64 1.63 0.33	30.20 1.36 0.02	28.01 2.29 -0.01
HOLTSVILLE_IC_4 23693	25.70 1.36 0.00	24.11 1.28 0.00	22.94 1.07 0.00	22.23 0.83 0.00	23.37 1.07 0.00	27.61 1.34 0.00	37.40 0.87 1.25	38.46 1.19 8.57	34.31 1.28 5.87	29.55 0.95 1.89	28.86 1.15 1.07	29.33 1.33 0.19	28.88 1.30 0.74	30.95 1.79 0.20	30.95 1.80 2.96	33.82 1.96 3.82	38.83 2.00 3.21	52.85 3.16 2.13	57.95 4.03 1.95	49.33 2.81 0.37	38.86 2.20 2.01	34.64 1.63 0.33	30.20 1.36 0.02	28.01 2.29 -0.01
HOLTSVILLE_IC_5 23694	25.70 1.36 0.00	24.11 1.28 0.00	22.94 1.07 0.00	22.23 0.83 0.00	23.37 1.07 0.00	27.61 1.34 0.00	37.40 0.87 1.25	38.46 1.19 8.57	34.31 1.28 5.87	29.55 0.95 1.89	28.86 1.15 1.07	29.33 1.33 0.19	28.88 1.30 0.74	30.95 1.79 0.20	30.95 1.80 2.96	33.82 1.96 3.82	38.83 2.00 3.21	52.85 3.16 2.13	57.95 4.03 1.95	49.33 2.81 0.37	38.86 2.20 2.01	34.64 1.63 0.33	30.20 1.36 0.02	28.01 2.29 -0.01
HOLTSVILLE_IC_6 23695	25.75 1.41 0.00	24.16 1.32 0.00	22.98 1.11 0.00	22.27 0.88 0.00	23.40 1.09 0.00	27.69 1.42 0.00	37.52 0.98 1.24	38.66 1.33 8.51	34.47 1.40 5.82	29.62 1.00 1.87	28.95 1.24 1.06	29.42 1.41 0.19	28.97 1.39 0.74	31.07 1.91 0.20	31.10 1.93 2.94	34.02 2.14 3.79	39.13 2.28 3.19	53.17 3.47 2.12	58.30 4.36 1.94	49.66 3.14 0.37	39.10 2.44 2.00	34.84 1.83 0.33	30.34 1.50 0.02	28.14 2.42 -0.01
HOLTSVILLE_IC_7 23696	25.75 1.41 0.00	24.16 1.32 0.00	22.98 1.11 0.00	22.27 0.88 0.00	23.40 1.09 0.00	27.69 1.42 0.00	37.52 0.98 1.24	38.66 1.33 8.51	34.47 1.40 5.82	29.62 1.00 1.87	28.95 1.24 1.06	29.42 1.41 0.19	28.97 1.39 0.74	31.07 1.91 0.20	31.10 1.93 2.94	34.02 2.14 3.79	39.13 2.28 3.19	53.17 3.47 2.12	58.30 4.36 1.94	49.66 3.14 0.37	39.10 2.44 2.00	34.84 1.83 0.33	30.34 1.50 0.02	28.14 2.42 -0.01
HOLTSVILLE_IC_8 23697	25.75 1.41 0.00	24.16 1.32 0.00	22.98 1.11 0.00	22.27 0.88 0.00	23.40 1.09 0.00	27.69 1.42 0.00	37.52 0.98 1.24	38.66 1.33 8.51	34.47 1.40 5.82	29.62 1.00 1.87	28.95 1.24 1.06	29.42 1.41 0.19	28.97 1.39 0.74	31.07 1.91 0.20	31.10 1.93 2.94	34.02 2.14 3.79	39.13 2.28 3.19	53.17 3.47 2.12	58.30 4.36 1.94	49.66 3.14 0.37	39.10 2.44 2.00	34.84 1.83 0.33	30.34 1.50 0.02	28.14 2.42 -0.01
HOLTSVILLE_IC_9 23698	25.75 1.41 0.00	24.16 1.32 0.00	22.98 1.11 0.00	22.27 0.88 0.00	23.40 1.09 0.00	27.69 1.42 0.00	37.52 0.98 1.24	38.66 1.33 8.51	34.47 1.40 5.82	29.62 1.00 1.87	28.95 1.24 1.06	29.42 1.41 0.19	28.97 1.39 0.74	31.07 1.91 0.20	31.10 1.93 2.94	34.02 2.14 3.79	39.13 2.28 3.19	53.17 3.47 2.12	58.30 4.36 1.94	49.66 3.14 0.37	39.10 2.44 2.00	34.84 1.83 0.33	30.34 1.50 0.02	28.14 2.42 -0.01
HOMER_HL_115KV_TB2 355744	24.46 0.12 0.00	22.95 0.11 0.00	22.22 0.35 0.00	21.74 0.34 0.00	22.55 0.25 0.00	26.64 0.37 0.00	38.84 1.06 0.00	47.08 1.24 0.00	39.55 0.66 0.00	31.31 0.82 0.00	29.89 1.12 0.00	29.15 0.96 0.00	29.12 0.79 0.00	29.91 0.56 0.00	32.59 0.48 0.00	35.96 0.29 0.00	40.64 0.60 0.00	51.35 -0.47 0.00	55.65 -0.22 0.00	46.84 -0.05 0.00	38.12 -0.54 0.00	33.47 0.13 0.00	29.20 0.35 0.00	26.33 0.62 0.00
HOWARD_WT_PWR 323690	24.71 0.37 0.00	23.11 0.28 0.00	22.28 0.41 0.00	21.95 0.56 0.00	22.82 0.51 0.00	27.06 0.79 0.00	39.33 1.55 0.00	47.81 1.97 0.00	40.52 1.63 0.00	31.74 1.25 0.00	29.95 1.18 0.00	29.26 1.07 0.00	29.40 1.08 0.00	30.12 0.76 0.00	32.88 0.77 0.00	36.53 0.85 0.00	41.12 1.08 0.00	52.33 0.52 0.00	57.28 1.40 0.00	47.59 0.70 0.00	38.94 0.27 0.00	33.80 0.47 0.00	29.20 0.35 0.00	26.15 0.44 0.00



HQ_GEN_CEDARS 23644	24.44 0.10 0.00	23.18 0.34 0.00	22.17 0.31 0.00	21.72 0.32 0.00	22.66 0.36 0.00	26.64 0.37 0.00	38.34 0.57 0.00	46.48 0.64 0.00	39.24 0.35 0.00	30.73 0.24 0.00	29.00 0.23 0.00	28.33 0.14 0.00	28.38 0.06 0.00	29.47 0.12 0.00	32.27 0.16 0.00	35.81 0.14 0.00	40.36 0.32 0.00	51.92 0.10 0.00	55.54 -0.34 0.00	46.61 -0.28 0.00	38.74 0.08 0.00	33.33 0.00 0.00	28.74 -0.12 0.00	25.54 -0.18 0.00
HQ_GEN_CEDARS_PROXY 323590	24.44 0.10 0.00	23.18 0.34 0.00	22.17 0.31 0.00	21.74 0.34 0.00	22.66 0.36 0.00	26.67 0.39 0.00	38.19 0.42 0.00	46.25 0.41 0.00	39.13 0.16 -0.08	30.56 0.15 0.08	28.89 0.12 0.00	28.25 0.06 0.00	28.30 -0.03 0.00	29.36 0.00 0.00	32.17 0.06 0.00	34.01 -0.14 1.52	41.68 0.12 -1.52	51.61 -0.21 0.00	54.81 -1.06 0.00	46.37 -0.51 0.00	38.47 -0.19 0.00	33.13 -0.20 0.00	28.74 -0.11 0.00	25.51 -0.21 0.00
HQ_GEN_IMPORT 323601	24.36 0.02 0.00	22.93 0.09 0.00	21.96 0.09 0.00	21.50 0.11 0.00	22.42 0.11 0.00	26.38 0.11 0.00	37.82 0.04 0.00	45.84 0.00 0.00	38.93 -0.04 -0.08	30.41 0.00 0.08	28.77 0.00 0.00	28.16 -0.03 0.00	28.27 -0.06 0.00	29.33 -0.03 0.00	32.08 -0.03 0.00	34.04 -0.11 1.52	41.52 -0.04 -1.52	51.66 -0.15 0.00	55.21 -0.67 0.00	46.66 -0.23 0.00	38.51 -0.15 0.00	33.20 -0.13 0.00	28.77 -0.09 0.00	25.59 -0.13 0.00
HQ_GEN_WHEEL 23651	24.36 0.02 0.00	22.93 0.09 0.00	21.96 0.09 0.00	21.50 0.11 0.00	22.42 0.11 0.00	26.38 0.11 0.00	37.82 0.04 0.00	45.84 0.00 0.00	38.93 -0.04 -0.08	30.41 0.00 0.08	28.77 0.00 0.00	28.16 -0.03 0.00	28.27 -0.06 0.00	29.33 -0.03 0.00	32.08 -0.03 0.00	34.04 -0.11 1.52	41.52 -0.04 -1.52	51.66 -0.15 0.00	55.21 -0.67 0.00	46.66 -0.23 0.00	38.51 -0.15 0.00	33.20 -0.13 0.00	28.77 -0.09 0.00	25.59 -0.13 0.00
HUDSON AVE_GT_3 23810	25.95 1.61 0.00	24.14 1.30 0.00	23.07 1.20 0.00	22.51 1.11 0.00	23.49 1.18 0.00	27.54 1.26 0.00	39.59 1.81 0.00	48.31 2.43 -0.04	41.42 2.53 0.00	32.66 2.16 0.00	30.96 2.19 0.00	30.53 2.34 0.00	30.73 2.41 0.00	31.91 2.55 0.00	34.90 2.79 0.00	38.67 3.00 0.00	42.92 2.88 0.00	56.01 4.20 0.00	60.68 4.81 0.00	50.55 3.66 0.00	41.56 2.90 0.00	35.73 2.40 0.00	30.90 2.05 0.00	27.75 2.03 0.00
HUDSON AVE_GT_4 23540	25.95 1.61 0.00	24.14 1.30 0.00	23.07 1.20 0.00	22.51 1.11 0.00	23.49 1.18 0.00	27.54 1.26 0.00	39.59 1.81 0.00	48.31 2.43 -0.04	41.42 2.53 0.00	32.66 2.16 0.00	30.96 2.19 0.00	30.53 2.34 0.00	30.73 2.41 0.00	31.91 2.55 0.00	34.90 2.79 0.00	38.67 3.00 0.00	42.92 2.88 0.00	56.01 4.20 0.00	60.68 4.81 0.00	50.55 3.66 0.00	41.56 2.90 0.00	35.73 2.40 0.00	30.90 2.05 0.00	27.75 2.03 0.00
HUDSON AVE_GT_5 23657	25.95 1.61 0.00	24.14 1.30 0.00	23.07 1.20 0.00	22.51 1.11 0.00	23.49 1.18 0.00	27.54 1.26 0.00	39.59 1.81 0.00	48.31 2.43 -0.04	41.42 2.53 0.00	32.66 2.16 0.00	30.96 2.19 0.00	30.53 2.34 0.00	30.73 2.41 0.00	31.91 2.55 0.00	34.90 2.79 0.00	38.67 3.00 0.00	42.92 2.88 0.00	56.01 4.20 0.00	60.68 4.81 0.00	50.55 3.66 0.00	41.56 2.90 0.00	35.73 2.40 0.00	30.90 2.05 0.00	27.75 2.03 0.00
HUDSON_AVE_10 24168	25.90 1.56 0.00	24.09 1.26 0.00	23.03 1.16 0.00	22.44 1.05 0.00	23.44 1.14 0.00	27.51 1.23 0.00	39.55 1.78 0.00	48.32 2.38 -0.09	41.38 2.49 0.00	32.63 2.13 0.00	30.93 2.16 0.00	30.50 2.31 0.00	30.70 2.38 0.00	31.88 2.52 0.00	34.87 2.76 0.00	38.63 2.96 0.00	42.88 2.84 0.00	55.96 4.15 0.00	60.63 4.75 0.00	50.55 3.66 0.00	41.56 2.90 0.00	35.70 2.37 0.00	30.88 2.02 0.00	27.70 1.98 0.00
HUDSON___115KV_TB 4 355613	25.22 0.88 0.00	23.64 0.80 0.00	22.57 0.70 0.00	22.06 0.66 0.00	23.00 0.69 0.00	27.14 0.87 0.00	38.91 1.13 0.00	47.12 1.28 0.00	40.10 1.21 0.00	31.10 0.61 0.00	29.20 0.43 0.00	28.62 0.42 0.00	28.89 0.57 0.00	30.06 0.70 0.00	32.95 0.83 0.00	36.78 1.11 0.00	41.52 1.48 0.00	54.35 2.54 0.00	58.84 2.96 0.00	49.33 2.44 0.00	40.52 1.86 0.00	34.67 1.33 0.00	30.18 1.33 0.00	26.82 1.11 0.00
HUNTER MOUNT___DRP 323613	25.22 0.88 0.00	23.66 0.82 0.00	22.59 0.72 0.00	22.08 0.68 0.00	23.02 0.71 0.00	27.17 0.89 0.00	39.10 1.32 0.00	47.26 1.42 0.00	40.14 1.24 0.00	31.01 0.52 0.00	29.09 0.32 0.00	28.47 0.28 0.00	28.75 0.42 0.00	29.91 0.56 0.00	32.82 0.71 0.00	36.74 1.07 0.00	41.60 1.56 0.00	54.51 2.69 0.00	59.01 3.13 0.00	49.52 2.63 0.00	40.63 1.97 0.00	34.70 1.37 0.00	30.15 1.30 0.00	26.77 1.05 0.00
HUNTINGTON_RES_REC 323705	25.78 1.44 0.00	24.14 1.30 0.00	22.98 1.11 0.00	22.27 0.88 0.00	23.40 1.09 0.00	27.59 1.31 0.00	37.22 0.68 1.24	38.34 1.01 8.51	34.23 1.17 5.82	29.68 1.07 1.87	29.01 1.30 1.06	29.44 1.44 0.19	29.03 1.44 0.74	30.86 1.70 0.20	30.91 1.73 2.94	33.77 1.89 3.79	38.78 1.92 3.19	52.81 3.11 2.11	57.85 3.91 1.94	49.24 2.72 0.37	38.79 2.13 2.00	34.61 1.60 0.33	30.08 1.24 0.02	27.88 2.16 -0.01
HUNTLEY___63 23557	23.88 -0.46 0.00	22.42 -0.41 0.00	21.78 -0.09 0.00	21.35 -0.04 0.00	22.10 -0.20 0.00	26.09 -0.18 0.00	37.66 -0.11 0.00	45.57 -0.28 0.00	38.15 -0.74 0.00	30.28 -0.21 0.00	28.86 0.09 0.00	28.19 0.00 0.00	28.24 -0.08 0.00	29.03 -0.32 0.00	31.60 -0.51 0.00	34.81 -0.86 0.00	39.24 -0.80 0.00	49.12 -2.69 0.00	53.31 -2.57 0.00	44.87 -2.02 0.00	36.85 -1.82 0.00	32.50 -0.83 0.00	28.45 -0.40 0.00	25.64 -0.08 0.00
HUNTLEY___64 23558	23.88 -0.46 0.00	22.42 -0.41 0.00	21.78 -0.09 0.00	21.35 -0.04 0.00	22.10 -0.20 0.00	26.09 -0.18 0.00	37.66 -0.11 0.00	45.57 -0.28 0.00	38.15 -0.74 0.00	30.28 -0.21 0.00	28.86 0.09 0.00	28.19 0.00 0.00	28.24 -0.08 0.00	29.03 -0.32 0.00	31.60 -0.51 0.00	34.81 -0.86 0.00	39.24 -0.80 0.00	49.12 -2.69 0.00	53.31 -2.57 0.00	44.87 -2.02 0.00	36.85 -1.82 0.00	32.50 -0.83 0.00	28.45 -0.40 0.00	25.64 -0.08 0.00
HUNTLEY___65 23559	23.88 -0.46 0.00	22.42 -0.41 0.00	21.78 -0.09 0.00	21.35 -0.04 0.00	22.10 -0.20 0.00	26.09 -0.18 0.00	37.66 -0.11 0.00	45.57 -0.28 0.00	38.15 -0.74 0.00	30.28 -0.21 0.00	28.86 0.09 0.00	28.19 0.00 0.00	28.24 -0.08 0.00	29.03 -0.32 0.00	31.60 -0.51 0.00	34.81 -0.86 0.00	39.24 -0.80 0.00	49.12 -2.69 0.00	53.31 -2.57 0.00	44.87 -2.02 0.00	36.85 -1.82 0.00	32.50 -0.83 0.00	28.45 -0.40 0.00	25.64 -0.08 0.00
HUNTLEY___66 23560	23.88 -0.46 0.00	22.42 -0.41 0.00	21.78 -0.09 0.00	21.35 -0.04 0.00	22.10 -0.20 0.00	26.09 -0.18 0.00	37.66 -0.11 0.00	45.57 -0.28 0.00	38.15 -0.74 0.00	30.28 -0.21 0.00	28.86 0.09 0.00	28.19 0.00 0.00	28.24 -0.08 0.00	29.03 -0.32 0.00	31.60 -0.51 0.00	34.81 -0.86 0.00	39.24 -0.80 0.00	49.12 -2.69 0.00	53.31 -2.57 0.00	44.87 -2.02 0.00	36.85 -1.82 0.00	32.50 -0.83 0.00	28.45 -0.40 0.00	25.64 -0.08 0.00



HUNTLEY___67 23561	23.76 -0.58 0.00	22.31 -0.53 0.00	21.65 -0.22 0.00	21.22 -0.17 0.00	21.97 -0.33 0.00	25.93 -0.34 0.00	37.44 -0.34 0.00	45.24 -0.60 0.00	38.04 -0.86 0.00	30.19 -0.30 0.00	28.77 0.00 0.00	28.11 -0.08 0.00	28.15 -0.17 0.00	28.92 -0.44 0.00	31.47 -0.64 0.00	34.71 -0.96 0.00	39.08 -0.96 0.00	49.02 -2.80 0.00	53.14 -2.74 0.00	44.78 -2.11 0.00	36.65 -2.01 0.00	32.33 -1.00 0.00	28.28 -0.58 0.00	25.48 -0.23 0.00
HUNTLEY___68 23562	23.76 -0.58 0.00	22.31 -0.53 0.00	21.65 -0.22 0.00	21.22 -0.17 0.00	21.97 -0.33 0.00	25.93 -0.34 0.00	37.44 -0.34 0.00	45.24 -0.60 0.00	38.04 -0.86 0.00	30.19 -0.30 0.00	28.77 0.00 0.00	28.11 -0.08 0.00	28.15 -0.17 0.00	28.92 -0.44 0.00	31.47 -0.64 0.00	34.71 -0.96 0.00	39.08 -0.96 0.00	49.02 -2.80 0.00	53.14 -2.74 0.00	44.78 -2.11 0.00	36.65 -2.01 0.00	32.33 -1.00 0.00	28.28 -0.58 0.00	25.48 -0.23 0.00
HYLAND___LFGE 323620	25.14 0.80 0.00	23.38 0.55 0.00	22.59 0.72 0.00	22.19 0.79 0.00	23.04 0.73 0.00	27.40 1.13 0.00	39.89 2.11 0.00	48.78 2.94 0.00	40.84 1.94 0.00	31.71 1.22 0.00	29.66 0.89 0.00	28.84 0.65 0.00	28.98 0.65 0.00	29.74 0.38 0.00	32.56 0.45 0.00	36.35 0.68 0.00	41.32 1.28 0.00	52.95 1.14 0.00	58.56 2.68 0.00	48.86 1.97 0.00	40.05 1.39 0.00	34.63 1.30 0.00	29.89 1.04 0.00	26.64 0.92 0.00
INDECK___CORINTH 23802	25.14 0.80 0.00	23.63 0.80 0.00	22.52 0.66 0.00	21.99 0.60 0.00	22.95 0.65 0.00	27.12 0.84 0.00	39.14 1.36 0.00	47.49 1.65 0.00	40.41 1.52 0.00	31.44 0.95 0.00	29.55 0.78 0.00	28.98 0.79 0.00	29.29 0.96 0.00	30.38 1.03 0.00	33.26 1.15 0.00	37.24 1.57 0.00	42.08 2.04 0.00	54.98 3.16 0.00	59.85 3.97 0.00	49.75 2.86 0.00	40.94 2.28 0.00	34.93 1.60 0.00	30.07 1.21 0.00	26.74 1.03 0.00
INDECK___ILION 23567	24.27 -0.07 0.00	22.74 -0.09 0.00	21.78 -0.09 0.00	21.31 -0.09 0.00	22.21 -0.09 0.00	26.20 -0.08 0.00	37.70 -0.08 0.00	45.70 -0.14 0.00	38.77 -0.12 0.00	30.40 -0.09 0.00	28.63 -0.14 0.00	28.11 -0.08 0.00	28.21 -0.11 0.00	29.24 -0.12 0.00	32.01 -0.10 0.00	35.56 -0.11 0.00	39.92 -0.12 0.00	51.71 -0.10 0.00	55.77 -0.11 0.00	46.75 -0.14 0.00	38.51 -0.15 0.00	33.23 -0.10 0.00	28.77 -0.09 0.00	25.64 -0.08 0.00
INDECK___OLEAN 23982	24.85 0.51 0.00	23.04 0.21 0.00	22.28 0.41 0.00	21.93 0.54 0.00	22.71 0.40 0.00	26.88 0.60 0.00	39.02 1.24 0.00	47.35 1.51 0.00	40.29 1.40 0.00	31.56 1.07 0.00	29.92 1.15 0.00	29.18 0.99 0.00	29.29 0.96 0.00	29.94 0.59 0.00	32.69 0.58 0.00	36.10 0.43 0.00	40.76 0.72 0.00	51.56 -0.26 0.00	56.49 0.62 0.00	46.98 0.09 0.00	38.55 -0.12 0.00	33.53 0.20 0.00	29.20 0.35 0.00	26.36 0.64 0.00
INDECK___OSWEGO 23783	23.66 -0.68 0.00	22.15 -0.68 0.00	21.26 -0.61 0.00	20.80 -0.60 0.00	21.66 -0.65 0.00	25.57 -0.71 0.00	36.80 -0.98 0.00	44.70 -1.14 0.00	37.88 -1.01 0.00	29.67 -0.82 0.00	27.94 -0.84 0.00	27.35 -0.85 0.00	27.47 -0.85 0.00	28.45 -0.91 0.00	31.11 -1.00 0.00	34.64 -1.04 0.00	38.88 -1.16 0.00	54.13 -1.61 -3.92	56.30 -1.45 -1.88	45.94 -1.31 -0.37	37.58 -1.08 0.00	32.47 -0.87 0.00	28.08 -0.78 0.00	25.00 -0.72 0.00
INDECK___YERKES 23781	24.27 -0.07 0.00	22.47 -0.37 0.00	21.87 0.00 0.00	21.48 0.09 0.00	22.19 -0.11 0.00	26.33 0.05 0.00	37.89 0.11 0.00	45.93 0.09 0.00	38.81 -0.08 0.00	30.58 0.09 0.00	28.89 0.12 0.00	28.19 0.00 0.00	28.35 0.03 0.00	29.06 -0.29 0.00	31.66 -0.45 0.00	34.92 -0.75 0.00	39.36 -0.68 0.00	49.28 -2.54 0.00	53.98 -1.90 0.00	44.92 -1.97 0.00	37.27 -1.39 0.00	32.57 -0.77 0.00	28.48 -0.38 0.00	25.69 -0.03 0.00
INDIAN POINT_GT_1 24139	25.68 1.34 0.00	23.95 1.12 0.00	22.87 1.01 0.00	22.31 0.92 0.00	23.29 0.98 0.00	27.35 1.08 0.00	39.33 1.55 0.00	47.90 2.06 0.00	41.03 2.14 0.00	32.26 1.77 0.00	30.56 1.78 0.00	30.08 1.89 0.00	30.28 1.95 0.00	31.44 2.08 0.00	34.36 2.25 0.00	38.06 2.39 0.00	42.44 2.40 0.00	55.39 3.58 0.00	59.96 4.08 0.00	50.03 3.14 0.00	41.14 2.47 0.00	35.37 2.03 0.00	30.62 1.76 0.00	27.46 1.75 0.00
INDIAN POINT_GT_2 23659	25.68 1.34 0.00	23.95 1.12 0.00	22.87 1.01 0.00	22.31 0.92 0.00	23.29 0.98 0.00	27.35 1.08 0.00	39.33 1.55 0.00	47.90 2.06 0.00	41.03 2.14 0.00	32.26 1.77 0.00	30.56 1.78 0.00	30.08 1.89 0.00	30.28 1.95 0.00	31.44 2.08 0.00	34.36 2.25 0.00	38.06 2.39 0.00	42.44 2.40 0.00	55.39 3.58 0.00	59.96 4.08 0.00	50.03 3.14 0.00	41.14 2.47 0.00	35.37 2.03 0.00	30.62 1.76 0.00	27.46 1.75 0.00
INDIAN POINT_GT_3 24019	25.68 1.34 0.00	23.95 1.12 0.00	22.87 1.01 0.00	22.31 0.92 0.00	23.29 0.98 0.00	27.35 1.08 0.00	39.33 1.55 0.00	47.90 2.06 0.00	41.03 2.14 0.00	32.26 1.77 0.00	30.56 1.78 0.00	30.08 1.89 0.00	30.28 1.95 0.00	31.44 2.08 0.00	34.36 2.25 0.00	38.06 2.39 0.00	42.44 2.40 0.00	55.39 3.58 0.00	59.96 4.08 0.00	50.03 3.14 0.00	41.14 2.47 0.00	35.37 2.03 0.00	30.62 1.76 0.00	27.46 1.75 0.00
INDIAN POINT___2 23530	25.65 1.31 0.00	24.00 1.16 0.00	22.87 1.01 0.00	22.33 0.94 0.00	23.33 1.03 0.00	27.38 1.10 0.00	39.36 1.59 0.00	47.90 2.06 0.00	40.84 1.94 0.00	32.14 1.65 0.00	30.56 1.78 0.00	30.05 1.86 0.00	30.19 1.87 0.00	31.38 2.02 0.00	34.29 2.18 0.00	38.06 2.39 0.00	42.36 2.32 0.00	55.34 3.53 0.00	60.29 4.41 0.00	50.03 3.14 0.00	41.17 2.51 0.00	35.40 2.07 0.00	30.56 1.70 0.00	27.41 1.70 0.00
INDIAN POINT___3 23531	25.73 1.39 0.00	23.98 1.14 0.00	22.92 1.05 0.00	22.36 0.96 0.00	23.33 1.03 0.00	27.41 1.13 0.00	39.36 1.59 0.00	47.99 2.15 0.00	41.07 2.18 0.00	32.29 1.80 0.00	30.61 1.84 0.00	30.14 1.95 0.00	30.33 2.01 0.00	31.50 2.14 0.00	34.45 2.34 0.00	38.17 2.50 0.00	42.56 2.52 0.00	55.49 3.68 0.00	60.07 4.19 0.00	50.12 3.24 0.00	41.25 2.59 0.00	35.40 2.07 0.00	30.67 1.82 0.00	27.52 1.80 0.00
INGHAM_C_115KV_TB7 356103	23.88 -0.46 0.00	22.40 -0.43 0.00	21.45 -0.42 0.00	20.99 -0.41 0.00	21.90 -0.40 0.00	25.83 -0.45 0.00	37.21 -0.57 0.00	45.02 -0.83 0.00	38.11 -0.78 0.00	29.88 -0.61 0.00	28.14 -0.63 0.00	27.66 -0.54 0.00	27.73 -0.59 0.00	28.74 -0.62 0.00	31.50 -0.61 0.00	34.99 -0.68 0.00	39.28 -0.76 0.00	50.78 -1.04 0.00	54.70 -1.17 0.00	45.81 -1.08 0.00	37.73 -0.93 0.00	32.67 -0.67 0.00	28.25 -0.61 0.00	25.18 -0.54 0.00
IP CORINTH___1 23988	25.26 0.92 0.00	23.70 0.87 0.00	22.61 0.74 0.00	22.08 0.68 0.00	23.02 0.71 0.00	27.25 0.97 0.00	39.29 1.51 0.00	47.67 1.83 0.00	40.60 1.71 0.00	31.59 1.10 0.00	29.66 0.89 0.00	29.10 0.90 0.00	29.43 1.10 0.00	30.53 1.17 0.00	33.39 1.28 0.00	37.35 1.68 0.00	42.24 2.20 0.00	55.13 3.32 0.00	59.68 3.80 0.00	49.94 3.05 0.00	41.10 2.44 0.00	35.07 1.73 0.00	30.24 1.39 0.00	26.90 1.18 0.00



IP___TICONDEROGA 23804	26.21 1.87 0.00	24.66 1.83 0.00	23.46 1.60 0.00	22.93 1.54 0.00	23.89 1.58 0.00	28.35 2.08 0.00	41.03 3.25 0.00	49.69 3.85 0.00	42.35 3.46 0.00	32.81 2.32 0.00	30.76 1.99 0.00	30.14 1.95 0.00	30.53 2.21 0.00	31.62 2.26 0.00	34.62 2.50 0.00	38.88 3.21 0.00	44.16 4.12 0.00	57.83 6.01 0.00	62.75 6.87 0.00	52.38 5.49 0.00	43.03 4.37 0.00	36.57 3.23 0.00	31.45 2.60 0.00	27.93 2.21 0.00
ISLIP_RES_REC 323679	25.85 1.51 0.00	24.23 1.39 0.00	23.07 1.20 0.00	22.33 0.94 0.00	23.49 1.18 0.00	27.80 1.52 0.00	37.68 1.13 1.23	38.88 1.51 8.47	34.69 1.60 5.80	29.75 1.13 1.86	29.07 1.35 1.05	29.56 1.55 0.19	29.09 1.50 0.74	31.22 2.05 0.20	31.31 2.12 2.92	34.25 2.35 3.77	39.39 2.52 3.18	53.49 3.78 2.11	58.64 4.69 1.93	49.94 3.42 0.37	39.30 2.63 1.99	35.04 2.03 0.33	30.46 1.61 0.02	28.22 2.49 -0.01
JAMAICA__27_KV_LOAD 355505	26.07 1.73 0.00	24.23 1.39 0.00	23.16 1.29 0.00	22.59 1.20 0.00	23.55 1.25 0.00	27.69 1.42 0.00	39.89 2.12 0.00	48.84 2.89 -0.11	41.81 2.92 0.00	32.96 2.47 0.00	31.25 2.47 0.00	30.81 2.62 0.00	31.01 2.69 0.00	32.23 2.88 0.00	35.26 3.15 0.00	39.10 3.42 0.00	43.36 3.32 0.00	56.63 4.82 0.00	61.35 5.48 0.00	51.16 4.27 0.00	42.07 3.40 0.00	36.07 2.73 0.00	31.14 2.28 0.00	27.90 2.19 0.00
JANIS___SOLAR 323808	25.10 0.76 0.00	23.47 0.64 0.00	22.52 0.66 0.00	22.06 0.66 0.00	23.00 0.69 0.00	27.22 0.94 0.00	39.70 1.93 0.00	48.36 2.52 0.00	40.49 1.60 0.00	31.50 1.00 0.00	29.32 0.55 0.00	28.56 0.37 0.00	28.52 0.20 0.00	29.42 0.06 0.00	32.34 0.23 0.00	36.17 0.50 0.00	40.96 0.92 0.00	53.97 1.45 -0.70	58.39 2.18 -0.34	48.64 1.69 -0.07	39.86 1.20 0.00	34.57 1.23 0.00	29.84 0.98 0.00	26.46 0.75 0.00
JARVIS____ 23743	24.44 0.10 0.00	22.90 0.07 0.00	21.93 0.07 0.00	21.46 0.06 0.00	22.37 0.07 0.00	26.35 0.08 0.00	37.93 0.15 0.00	46.02 0.18 0.00	39.05 0.16 0.00	30.61 0.12 0.00	28.89 0.12 0.00	28.31 0.11 0.00	28.44 0.11 0.00	29.50 0.15 0.00	32.27 0.16 0.00	35.89 0.22 0.00	40.24 0.20 0.00	52.18 0.37 0.00	56.38 0.50 0.00	47.17 0.28 0.00	38.90 0.23 0.00	33.50 0.17 0.00	29.00 0.15 0.00	25.87 0.16 0.00
JENNISON___1 23625	25.68 1.34 0.00	24.07 1.23 0.00	23.05 1.18 0.00	22.57 1.18 0.00	23.53 1.23 0.00	27.80 1.52 0.00	40.57 2.80 0.00	49.37 3.53 0.00	41.42 2.53 0.00	32.47 1.98 0.00	30.47 1.70 0.00	29.74 1.55 0.00	29.63 1.30 0.00	30.56 1.20 0.00	33.52 1.41 0.00	37.31 1.64 0.00	42.16 2.12 0.00	54.72 2.90 0.00	59.29 3.41 0.00	49.84 2.95 0.00	40.83 2.17 0.00	35.50 2.17 0.00	30.70 1.85 0.00	27.34 1.62 0.00
JENNISON___2 23626	25.68 1.34 0.00	24.07 1.23 0.00	23.05 1.18 0.00	22.57 1.18 0.00	23.53 1.23 0.00	27.80 1.52 0.00	40.57 2.80 0.00	49.37 3.53 0.00	41.42 2.53 0.00	32.47 1.98 0.00	30.47 1.70 0.00	29.74 1.55 0.00	29.63 1.30 0.00	30.56 1.20 0.00	33.52 1.41 0.00	37.31 1.64 0.00	42.16 2.12 0.00	54.72 2.90 0.00	59.29 3.41 0.00	49.84 2.95 0.00	40.83 2.17 0.00	35.50 2.17 0.00	30.70 1.85 0.00	27.34 1.62 0.00
JERICHO_RISE_WT_PWR 323719	24.32 -0.02 0.00	23.16 0.32 0.00	22.15 0.28 0.00	21.74 0.34 0.00	22.71 0.40 0.00	26.72 0.45 0.00	37.70 -0.08 0.00	45.34 -0.50 0.00	38.35 -0.54 0.00	30.37 -0.12 0.00	28.71 -0.06 0.00	28.08 -0.11 0.00	28.13 -0.20 0.00	29.15 -0.20 0.00	31.92 -0.19 0.00	34.92 -0.75 0.00	39.48 -0.56 0.00	50.98 -0.83 0.00	53.87 -2.01 0.00	45.48 -1.41 0.00	37.42 -1.24 0.00	32.30 -1.03 0.00	28.25 -0.61 0.00	24.92 -0.80 0.00
KATONAH___115KV_46KV_TB4 355592	25.92 1.58 0.00	24.18 1.35 0.00	23.11 1.25 0.00	22.53 1.13 0.00	23.53 1.23 0.00	27.62 1.34 0.00	39.74 1.96 0.00	48.41 2.57 0.00	41.54 2.64 0.00	32.59 2.10 0.00	30.93 2.16 0.00	30.45 2.26 0.00	30.65 2.32 0.00	31.85 2.50 0.00	34.90 2.79 0.00	38.49 2.82 0.00	42.88 2.84 0.00	55.96 4.15 0.00	60.57 4.69 0.00	50.50 3.61 0.00	41.52 2.86 0.00	35.63 2.30 0.00	30.82 1.96 0.00	27.62 1.90 0.00
KCE_NY_1 323755	25.51 1.17 0.00	23.95 1.12 0.00	22.85 0.98 0.00	22.33 0.94 0.00	23.28 0.98 0.00	27.48 1.21 0.00	39.63 1.85 0.00	48.09 2.25 0.00	40.84 1.94 0.00	31.83 1.34 0.00	29.98 1.21 0.00	29.40 1.21 0.00	29.68 1.36 0.00	30.82 1.47 0.00	33.72 1.60 0.00	37.67 2.00 0.00	42.48 2.44 0.00	55.39 3.57 0.00	60.29 4.41 0.00	50.17 3.28 0.00	41.33 2.67 0.00	35.33 2.00 0.00	30.50 1.64 0.00	27.13 1.41 0.00
KCE_NY_6_ESR 323823	24.49 0.15 0.00	22.68 -0.16 0.00	22.02 0.15 0.00	21.65 0.26 0.00	22.39 0.09 0.00	26.54 0.26 0.00	38.31 0.53 0.00	46.39 0.55 0.00	39.44 0.54 0.00	31.04 0.55 0.00	29.32 0.55 0.00	28.64 0.45 0.00	28.80 0.48 0.00	29.50 0.15 0.00	32.14 0.03 0.00	35.49 -0.18 0.00	40.00 -0.04 0.00	50.21 -1.61 0.00	54.98 -0.90 0.00	45.76 -1.13 0.00	37.70 -0.97 0.00	32.87 -0.47 0.00	28.71 -0.14 0.00	25.90 0.18 0.00
KEDC_PORT_JEFF_GT2 24210	25.73 1.39 0.00	24.14 1.30 0.00	22.96 1.09 0.00	22.23 0.83 0.00	23.37 1.07 0.00	27.67 1.39 0.00	37.29 0.76 1.24	38.36 1.06 8.53	34.30 1.24 5.84	29.59 0.98 1.88	28.92 1.21 1.06	29.39 1.38 0.19	28.94 1.36 0.74	30.95 1.79 0.20	30.93 1.76 2.94	33.80 1.92 3.80	38.85 2.00 3.19	52.70 3.00 2.12	57.74 3.80 1.94	49.19 2.67 0.37	38.82 2.16 2.00	34.77 1.77 0.33	30.31 1.47 0.02	28.12 2.39 -0.01
KEDC_PORT_JEFF_GT3 24211	25.73 1.39 0.00	24.14 1.30 0.00	22.96 1.09 0.00	22.23 0.83 0.00	23.37 1.07 0.00	27.67 1.39 0.00	37.29 0.76 1.24	38.36 1.06 8.53	34.30 1.24 5.84	29.59 0.98 1.88	28.92 1.21 1.06	29.39 1.38 0.19	28.94 1.36 0.74	30.95 1.79 0.20	30.93 1.76 2.94	33.80 1.92 3.80	38.85 2.00 3.19	52.70 3.00 2.12	57.74 3.80 1.94	49.19 2.67 0.37	38.82 2.16 2.00	34.77 1.77 0.33	30.31 1.47 0.02	28.12 2.39 -0.01
KEDC_GLWD_GT4 24219	25.97 1.63 0.00	24.28 1.44 0.00	23.11 1.25 0.00	22.46 1.07 0.00	23.55 1.25 0.00	27.69 1.42 0.00	38.71 1.44 0.50	44.40 1.92 3.37	38.53 1.98 2.34	31.41 1.68 0.76	30.21 1.87 0.43	30.14 2.03 0.08	30.06 2.04 0.30	31.53 2.26 0.08	33.36 2.44 1.18	36.73 2.64 1.58	41.26 2.64 1.42	54.92 4.04 0.94	59.93 4.92 0.86	50.24 3.52 0.17	40.52 2.75 0.89	35.35 2.17 0.15	30.55 1.70 0.01	27.86 2.13 -0.01
KEDC_GLWD_GT5 24220	25.97 1.63 0.00	24.28 1.44 0.00	23.11 1.25 0.00	22.46 1.07 0.00	23.55 1.25 0.00	27.69 1.42 0.00	38.71 1.44 0.50	44.40 1.92 3.37	38.53 1.98 2.34	31.41 1.68 0.76	30.21 1.87 0.43	30.14 2.03 0.08	30.06 2.04 0.30	31.53 2.26 0.08	33.36 2.44 1.18	36.73 2.64 1.58	41.26 2.64 1.42	54.92 4.04 0.94	59.93 4.92 0.86	50.24 3.52 0.17	40.52 2.75 0.89	35.35 2.17 0.15	30.55 1.70 0.01	27.86 2.13 -0.01



KENSICO____ 23655	25.75 1.41 0.00	24.00 1.16 0.00	22.94 1.07 0.00	22.38 0.98 0.00	23.35 1.05 0.00	27.43 1.16 0.00	39.40 1.62 0.00	48.04 2.20 0.00	41.15 2.26 0.00	32.35 1.86 0.00	30.67 1.90 0.00	30.19 2.00 0.00	30.39 2.07 0.00	31.56 2.20 0.00	34.52 2.41 0.00	38.24 2.57 0.00	42.60 2.56 0.00	55.55 3.73 0.00	60.18 4.30 0.00	50.22 3.33 0.00	41.29 2.63 0.00	35.43 2.10 0.00	30.67 1.82 0.00	27.57 1.85 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	25.78 1.44 0.00	24.05 1.21 0.00	22.98 1.12 0.00	22.42 1.03 0.00	23.42 1.12 0.00	27.46 1.18 0.00	39.74 1.96 0.00	48.36 2.52 0.00	41.30 2.41 0.00	32.35 1.86 0.00	30.58 1.86 0.00	30.05 1.87 0.00	30.19 1.87 0.00	31.32 1.97 0.00	34.36 2.25 0.00	38.13 2.46 0.00	42.64 2.60 0.00	55.70 3.89 0.00	60.18 4.30 0.00	50.36 3.47 0.00	41.33 2.67 0.00	35.50 2.17 0.00	30.70 1.85 0.00	27.46 1.75 0.00
KIAC_JFK_GT1 23816	25.95 1.61 0.00	24.11 1.28 0.00	23.05 1.18 0.00	22.46 1.07 0.00	23.44 1.14 0.00	27.54 1.26 0.00	39.67 1.89 0.00	48.52 2.57 -0.11	41.57 2.68 0.00	32.78 2.29 0.00	31.07 2.30 0.00	30.65 2.45 0.00	30.84 2.52 0.00	32.03 2.67 0.00	35.03 2.92 0.00	38.85 3.17 0.00	43.08 3.04 0.00	56.32 4.51 0.00	60.96 5.08 0.00	50.83 3.94 0.00	41.79 3.13 0.00	35.87 2.53 0.00	30.96 2.11 0.00	27.75 2.03 0.00
KIAC_JFK_GT2 23817	25.95 1.61 0.00	24.11 1.28 0.00	23.05 1.18 0.00	22.46 1.07 0.00	23.44 1.14 0.00	27.54 1.26 0.00	39.67 1.89 0.00	48.52 2.57 -0.11	41.57 2.68 0.00	32.78 2.29 0.00	31.07 2.30 0.00	30.65 2.45 0.00	30.84 2.52 0.00	32.03 2.67 0.00	35.03 2.92 0.00	38.85 3.17 0.00	43.08 3.04 0.00	56.32 4.51 0.00	60.96 5.08 0.00	50.83 3.94 0.00	41.79 3.13 0.00	35.87 2.53 0.00	30.96 2.11 0.00	27.75 2.03 0.00
KIAC_JFK____ 323774	25.92 1.58 0.00	24.23 1.39 0.00	23.09 1.22 0.00	22.53 1.13 0.00	23.53 1.23 0.00	27.61 1.34 0.00	39.74 1.96 0.00	48.61 2.66 -0.11	41.50 2.61 0.00	32.75 2.26 0.00	31.16 2.39 0.00	30.73 2.54 0.00	30.90 2.58 0.00	32.12 2.76 0.00	35.10 2.99 0.00	38.99 3.32 0.00	43.17 3.13 0.00	56.53 4.71 0.00	61.58 5.70 0.00	50.97 4.08 0.00	41.99 3.33 0.00	35.97 2.63 0.00	30.96 2.11 0.00	27.75 2.03 0.00
KINTIGH____ 23543	23.56 -0.78 0.00	22.13 -0.71 0.00	21.43 -0.44 0.00	20.99 -0.41 0.00	21.77 -0.54 0.00	25.70 -0.58 0.00	37.02 -0.76 0.00	44.79 -1.05 0.00	37.69 -1.21 0.00	29.82 -0.67 0.00	28.37 -0.40 0.00	27.74 -0.45 0.00	27.79 -0.54 0.00	28.54 -0.82 0.00	31.05 -1.06 0.00	34.35 -1.32 0.00	38.64 -1.40 0.00	48.71 -3.11 0.00	52.86 -3.02 0.00	44.55 -2.34 0.00	36.54 -2.13 0.00	32.13 -1.20 0.00	28.08 -0.78 0.00	25.23 -0.49 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	24.80 0.46 0.00	23.70 0.87 0.00	22.66 0.79 0.00	22.25 0.86 0.00	23.24 0.94 0.00	27.41 1.13 0.00	38.80 1.02 0.00	46.67 0.83 0.00	39.40 0.51 0.00	31.13 0.64 0.00	29.46 0.69 0.00	28.76 0.56 0.00	28.78 0.45 0.00	29.86 0.50 0.00	32.72 0.61 0.00	36.28 0.61 0.00	40.60 0.56 0.00	52.49 0.67 0.00	55.88 0.00 0.00	46.66 -0.23 0.00	38.78 0.12 0.00	33.67 0.33 0.00	28.86 0.00 0.00	25.46 -0.26 0.00
LACHUTE__HYDRO 323717	26.24 1.90 0.00	24.71 1.87 0.00	23.51 1.64 0.00	22.96 1.56 0.00	23.93 1.63 0.00	28.40 2.13 0.00	41.06 3.29 0.00	49.78 3.94 0.00	42.35 3.46 0.00	32.84 2.35 0.00	30.81 2.04 0.00	30.19 2.00 0.00	30.56 2.24 0.00	31.65 2.29 0.00	34.65 2.54 0.00	38.99 3.32 0.00	44.20 4.16 0.00	57.93 6.11 0.00	63.20 7.32 0.00	52.47 5.58 0.00	43.11 4.44 0.00	36.63 3.30 0.00	31.45 2.60 0.00	27.93 2.21 0.00
LAWRNCALV_115KV_TB1 80681	24.46 0.12 0.00	23.20 0.37 0.00	22.20 0.33 0.00	21.76 0.36 0.00	22.73 0.42 0.00	26.75 0.47 0.00	38.53 0.76 0.00	46.76 0.92 0.00	39.40 0.51 0.00	30.83 0.34 0.00	29.03 0.26 0.00	28.39 0.20 0.00	28.41 0.08 0.00	29.47 0.12 0.00	32.30 0.19 0.00	35.85 0.18 0.00	40.44 0.40 0.00	52.30 0.21 -0.28	55.84 -0.17 -0.13	46.77 -0.14 -0.03	38.82 0.15 0.00	33.40 0.07 0.00	28.74 -0.12 0.00	25.51 -0.21 0.00
LEDERLE____ 23769	25.65 1.31 0.00	23.93 1.10 0.00	22.85 0.98 0.00	22.29 0.90 0.00	23.26 0.96 0.00	27.33 1.05 0.00	39.40 1.62 0.00	47.99 2.15 0.00	41.03 2.14 0.00	32.23 1.74 0.00	30.56 1.78 0.00	30.03 1.83 0.00	30.19 1.87 0.00	31.32 1.97 0.00	34.26 2.15 0.00	37.92 2.25 0.00	42.32 2.28 0.00	55.23 3.42 0.00	59.73 3.86 0.00	49.94 3.05 0.00	41.02 2.36 0.00	35.30 1.97 0.00	30.59 1.73 0.00	27.41 1.70 0.00
LIGHTRSE_115KV_TB6 355974	23.95 -0.39 0.00	22.47 -0.37 0.00	21.54 -0.33 0.00	21.09 -0.30 0.00	22.01 -0.29 0.00	25.99 -0.29 0.00	37.48 -0.30 0.00	45.47 -0.37 0.00	38.31 -0.58 0.00	30.06 -0.43 0.00	28.25 -0.52 0.00	27.66 -0.54 0.00	27.73 -0.59 0.00	28.68 -0.68 0.00	31.40 -0.71 0.00	34.96 -0.71 0.00	39.32 -0.72 0.00	52.95 -1.04 -2.17	55.97 -0.95 -1.04	46.29 -0.80 -0.20	37.97 -0.70 0.00	32.97 -0.37 0.00	28.48 -0.38 0.00	25.30 -0.41 0.00
LINDEN COGEN____ 23786	25.73 1.39 0.00	24.09 1.26 0.00	22.96 1.09 0.00	22.38 0.98 0.00	23.40 1.09 0.00	27.43 1.15 0.00	37.61 1.59 1.76	45.38 2.11 2.57	37.90 2.14 3.13	32.41 1.92 0.00	30.84 2.07 0.00	30.42 2.23 0.00	30.56 2.24 0.00	31.79 2.44 0.00	34.71 2.60 0.00	38.49 2.82 0.00	42.60 2.56 0.00	55.75 3.94 0.00	60.74 4.86 0.00	50.27 3.38 0.00	41.41 2.75 0.00	35.60 2.27 0.00	30.70 1.85 0.00	27.54 1.83 0.00
LINDHRST_69_KV_BK1 356055	26.14 1.80 0.00	24.25 1.42 0.00	23.11 1.25 0.00	22.51 1.11 0.00	23.55 1.25 0.00	27.77 1.50 0.00	37.99 1.28 1.08	40.15 1.74 7.44	35.66 1.87 5.09	30.41 1.56 1.63	29.49 1.64 0.92	29.87 1.83 0.16	29.52 1.84 0.64	31.25 2.05 0.17	31.82 2.28 2.57	34.71 2.39 3.35	39.71 2.56 2.89	53.58 3.68 1.91	58.37 4.25 1.75	49.80 3.24 0.33	39.41 2.55 1.81	35.04 2.00 0.29	30.58 1.73 0.01	28.34 2.62 0.00
LIPA_MISC_IPP 23656	25.63 1.29 0.00	23.77 0.94 0.00	22.68 0.81 0.00	22.04 0.64 0.00	23.08 0.78 0.00	27.48 1.21 0.00	37.41 0.87 1.24	38.53 1.24 8.55	34.36 1.32 5.85	29.25 0.64 1.88	28.52 0.81 1.06	29.03 1.01 0.18	28.61 1.02 0.74	30.81 1.64 0.19	31.15 1.99 2.95	33.83 1.96 3.80	39.05 2.20 3.20	53.07 3.37 2.12	57.91 3.97 1.94	49.57 3.05 0.36	38.90 2.24 2.00	34.65 1.63 0.32	30.38 1.53 0.01	28.34 2.62 0.00
LISF__SOLAR 323691	25.51 1.17 0.00	23.95 1.12 0.00	22.79 0.92 0.00	22.04 0.64 0.00	23.20 0.89 0.00	27.56 1.29 0.00	37.55 1.02 1.24	38.62 1.33 8.55	34.36 1.32 5.85	29.25 0.64 1.88	28.60 0.89 1.06	29.08 1.07 0.19	28.60 1.02 0.74	30.98 1.82 0.20	31.02 1.86 2.95	34.00 2.14 3.81	39.16 2.32 3.20	53.37 3.68 2.12	58.57 4.64 1.94	49.90 3.38 0.37	39.21 2.55 2.01	34.84 1.83 0.33	30.31 1.47 0.02	28.12 2.39 -0.01



LITTLE FALLS___HYD 24013	23.88 -0.46 0.00	22.40 -0.43 0.00	21.45 -0.42 0.00	20.99 -0.41 0.00	21.90 -0.40 0.00	25.83 -0.45 0.00	37.21 -0.57 0.00	45.02 -0.83 0.00	38.11 -0.78 0.00	29.88 -0.61 0.00	28.14 -0.63 0.00	27.66 -0.54 0.00	27.73 -0.59 0.00	28.74 -0.62 0.00	31.50 -0.61 0.00	34.99 -0.68 0.00	39.28 -0.76 0.00	50.78 -1.04 0.00	54.70 -1.17 0.00	45.81 -1.08 0.00	37.73 -0.93 0.00	32.67 -0.67 0.00	28.25 -0.61 0.00	25.18 -0.54 0.00
LITTLRIV_115KV_TB1 356100	24.66 0.32 0.00	23.41 0.57 0.00	22.39 0.52 0.00	21.95 0.56 0.00	22.93 0.62 0.00	27.01 0.74 0.00	39.02 1.25 0.00	47.40 1.56 0.00	39.82 0.93 0.00	31.13 0.64 0.00	29.26 0.49 0.00	28.59 0.39 0.00	28.55 0.23 0.00	29.62 0.26 0.00	32.46 0.35 0.00	36.03 0.36 0.00	40.72 0.68 0.00	52.73 0.62 -0.30	56.36 0.34 -0.14	47.25 0.33 -0.03	39.17 0.50 0.00	33.77 0.43 0.00	29.03 0.17 0.00	25.74 0.03 0.00
LI_NEWBRDGE___DRP 323616	25.80 1.46 0.00	23.98 1.14 0.00	22.87 1.01 0.00	22.29 0.90 0.00	23.29 0.98 0.00	27.43 1.16 0.00	37.45 1.02 1.35	37.98 1.47 9.33	34.20 1.67 6.36	29.91 1.46 2.04	29.15 1.52 1.15	29.66 1.66 0.20	29.25 1.73 0.80	31.00 1.85 0.21	30.93 2.02 3.21	33.67 2.10 4.11	38.72 2.08 3.40	52.72 3.16 2.25	57.45 3.63 2.06	49.27 2.77 0.39	38.70 2.17 2.13	34.66 1.67 0.34	30.32 1.47 0.01	27.80 2.08 0.00
LOCKPORT_115KV_TB60_63_64 80432	23.63 -0.71 0.00	22.17 -0.66 0.00	21.54 -0.33 0.00	21.12 -0.28 0.00	21.86 -0.45 0.00	25.83 -0.45 0.00	37.25 -0.53 0.00	45.06 -0.78 0.00	37.84 -1.05 0.00	30.00 -0.49 0.00	28.57 -0.20 0.00	27.91 -0.28 0.00	27.96 -0.37 0.00	28.71 -0.65 0.00	31.24 -0.87 0.00	34.49 -1.18 0.00	38.84 -1.20 0.00	48.71 -3.11 0.00	52.86 -3.02 0.00	44.50 -2.39 0.00	36.46 -2.20 0.00	32.17 -1.17 0.00	28.13 -0.72 0.00	25.36 -0.36 0.00
LOCKPORT___CC1 323769	24.00 -0.34 0.00	22.22 -0.62 0.00	21.61 -0.26 0.00	21.22 -0.17 0.00	21.95 -0.36 0.00	26.04 -0.24 0.00	37.47 -0.30 0.00	45.34 -0.50 0.00	38.46 -0.43 0.00	30.31 -0.18 0.00	28.60 -0.17 0.00	27.94 -0.25 0.00	28.10 -0.23 0.00	28.74 -0.62 0.00	31.34 -0.77 0.00	34.60 -1.07 0.00	38.96 -1.08 0.00	48.81 -3.01 0.00	53.53 -2.34 0.00	44.59 -2.30 0.00	36.85 -1.82 0.00	32.20 -1.13 0.00	28.16 -0.69 0.00	25.43 -0.28 0.00
LOCKPORT___CC2 323770	24.00 -0.34 0.00	22.22 -0.62 0.00	21.61 -0.26 0.00	21.22 -0.17 0.00	21.95 -0.36 0.00	26.04 -0.24 0.00	37.47 -0.30 0.00	45.34 -0.50 0.00	38.46 -0.43 0.00	30.31 -0.18 0.00	28.60 -0.17 0.00	27.94 -0.25 0.00	28.10 -0.23 0.00	28.74 -0.62 0.00	31.34 -0.77 0.00	34.60 -1.07 0.00	38.96 -1.08 0.00	48.81 -3.01 0.00	53.53 -2.34 0.00	44.59 -2.30 0.00	36.85 -1.82 0.00	32.20 -1.13 0.00	28.16 -0.69 0.00	25.43 -0.28 0.00
LOCKPORT___CC3 323771	24.00 -0.34 0.00	22.22 -0.62 0.00	21.61 -0.26 0.00	21.22 -0.17 0.00	21.95 -0.36 0.00	26.04 -0.24 0.00	37.47 -0.30 0.00	45.34 -0.50 0.00	38.46 -0.43 0.00	30.31 -0.18 0.00	28.60 -0.17 0.00	27.94 -0.25 0.00	28.10 -0.23 0.00	28.74 -0.62 0.00	31.34 -0.77 0.00	34.60 -1.07 0.00	38.96 -1.08 0.00	48.81 -3.01 0.00	53.53 -2.34 0.00	44.59 -2.30 0.00	36.85 -1.82 0.00	32.20 -1.13 0.00	28.16 -0.69 0.00	25.43 -0.28 0.00
LONG_LAKE_PHOENIX 24014	23.80 -0.54 0.00	22.31 -0.53 0.00	21.39 -0.48 0.00	20.95 -0.45 0.00	21.81 -0.49 0.00	25.75 -0.53 0.00	37.02 -0.76 0.00	44.97 -0.87 0.00	38.04 -0.86 0.00	29.85 -0.64 0.00	28.11 -0.66 0.00	27.52 -0.68 0.00	27.64 -0.68 0.00	28.62 -0.73 0.00	31.28 -0.83 0.00	34.81 -0.86 0.00	39.08 -0.96 0.00	53.48 -1.35 -3.01	56.03 -1.29 -1.44	46.09 -1.08 -0.28	37.77 -0.89 0.00	32.63 -0.70 0.00	28.28 -0.58 0.00	25.15 -0.57 0.00
LOVETT___3 23632	25.56 1.22 0.00	23.84 1.00 0.00	22.76 0.90 0.00	22.21 0.81 0.00	23.17 0.87 0.00	27.22 0.95 0.00	39.21 1.44 0.00	47.77 1.93 0.00	40.84 1.94 0.00	32.08 1.59 0.00	30.41 1.64 0.00	29.91 1.72 0.00	30.05 1.73 0.00	31.18 1.82 0.00	34.10 1.99 0.00	37.70 2.03 0.00	42.08 2.04 0.00	54.87 3.06 0.00	59.40 3.52 0.00	49.66 2.77 0.00	40.83 2.17 0.00	35.13 1.80 0.00	30.44 1.59 0.00	27.31 1.59 0.00
LOVETT___4 23642	25.56 1.22 0.00	23.84 1.00 0.00	22.76 0.90 0.00	22.21 0.81 0.00	23.17 0.87 0.00	27.22 0.95 0.00	39.21 1.44 0.00	47.77 1.93 0.00	40.84 1.94 0.00	32.08 1.59 0.00	30.41 1.64 0.00	29.91 1.72 0.00	30.05 1.73 0.00	31.18 1.82 0.00	34.10 1.99 0.00	37.70 2.03 0.00	42.08 2.04 0.00	54.87 3.06 0.00	59.40 3.52 0.00	49.66 2.77 0.00	40.83 2.17 0.00	35.13 1.80 0.00	30.44 1.59 0.00	27.31 1.59 0.00
LOVETT___5 23593	25.56 1.22 0.00	23.84 1.00 0.00	22.76 0.90 0.00	22.21 0.81 0.00	23.17 0.87 0.00	27.22 0.95 0.00	39.21 1.44 0.00	47.77 1.93 0.00	40.84 1.94 0.00	32.08 1.59 0.00	30.41 1.64 0.00	29.91 1.72 0.00	30.05 1.73 0.00	31.18 1.82 0.00	34.10 1.99 0.00	37.70 2.03 0.00	42.08 2.04 0.00	54.87 3.06 0.00	59.40 3.52 0.00	49.66 2.77 0.00	40.83 2.17 0.00	35.13 1.80 0.00	30.44 1.59 0.00	27.31 1.59 0.00
LOWER RAQUET___HYD 24057	24.46 0.12 0.00	23.22 0.39 0.00	22.22 0.35 0.00	21.78 0.39 0.00	22.75 0.45 0.00	26.77 0.50 0.00	38.42 0.64 0.00	46.53 0.69 0.00	39.20 0.31 0.00	30.73 0.24 0.00	28.95 0.17 0.00	28.31 0.11 0.00	28.30 -0.03 0.00	29.36 0.00 0.00	32.21 0.10 0.00	35.53 -0.14 0.00	40.24 0.20 0.00	52.08 -0.05 -0.32	55.13 -0.90 -0.15	46.54 -0.38 -0.03	38.51 -0.15 0.00	33.20 -0.13 0.00	28.77 -0.09 0.00	25.51 -0.21 0.00
LOWER___HUDSON 24059	25.31 0.97 0.00	23.75 0.91 0.00	22.65 0.79 0.00	22.14 0.75 0.00	23.11 0.80 0.00	27.25 0.97 0.00	39.21 1.44 0.00	47.63 1.79 0.00	40.45 1.56 0.00	31.56 1.07 0.00	29.78 1.01 0.00	29.24 1.04 0.00	29.46 1.13 0.00	30.68 1.32 0.00	33.52 1.41 0.00	37.35 1.68 0.00	42.00 1.96 0.00	54.71 2.90 0.00	59.57 3.69 0.00	49.61 2.72 0.00	40.87 2.20 0.00	35.00 1.67 0.00	30.27 1.41 0.00	26.95 1.23 0.00
LOWVILLE_115KV_TB2 356335	24.27 -0.07 0.00	22.81 -0.02 0.00	21.89 0.02 0.00	21.50 0.11 0.00	22.50 0.20 0.00	26.62 0.34 0.00	38.65 0.87 0.00	46.99 1.15 0.00	39.40 0.51 0.00	30.77 0.27 0.00	28.86 0.09 0.00	28.45 0.25 0.00	28.41 0.08 0.00	29.42 0.06 0.00	32.27 0.16 0.00	35.88 0.21 0.00	40.52 0.48 0.00	52.81 0.31 -0.68	56.54 0.34 -0.33	47.09 0.14 -0.06	38.62 -0.04 0.00	33.50 0.17 0.00	28.86 0.00 0.00	25.61 -0.10 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	25.48 1.14 0.00	23.89 1.05 0.00	22.81 0.94 0.00	22.29 0.90 0.00	23.24 0.94 0.00	27.43 1.16 0.00	39.55 1.78 0.00	47.95 2.11 0.00	40.84 1.94 0.00	31.80 1.31 0.00	29.92 1.15 0.00	29.35 1.16 0.00	29.66 1.33 0.00	30.77 1.41 0.00	33.65 1.54 0.00	37.56 1.89 0.00	42.40 2.36 0.00	55.23 3.42 0.00	59.79 3.91 0.00	50.08 3.19 0.00	41.21 2.55 0.00	35.27 1.93 0.00	30.47 1.62 0.00	27.13 1.41 0.00



LUTHERNY_35_KV_BK2 355980	25.51 1.17 0.00	23.91 1.07 0.00	22.83 0.96 0.00	22.29 0.90 0.00	23.24 0.94 0.00	27.46 1.18 0.00	39.55 1.78 0.00	47.99 2.15 0.00	40.87 1.98 0.00	31.80 1.31 0.00	29.95 1.18 0.00	29.38 1.18 0.00	29.66 1.33 0.00	30.80 1.44 0.00	33.68 1.57 0.00	37.60 1.93 0.00	42.40 2.36 0.00	55.29 3.47 0.00	59.85 3.97 0.00	50.12 3.24 0.00	41.25 2.59 0.00	35.27 1.93 0.00	30.50 1.64 0.00	27.16 1.44 0.00
LWR___OSWEGATCHIE_HYD 23850	24.32 -0.02 0.00	23.00 0.16 0.00	22.02 0.15 0.00	21.59 0.19 0.00	22.57 0.27 0.00	26.64 0.37 0.00	38.53 0.76 0.00	46.85 1.01 0.00	39.32 0.43 0.00	30.70 0.21 0.00	28.86 0.09 0.00	28.31 0.11 0.00	28.30 -0.03 0.00	29.30 -0.06 0.00	32.14 0.03 0.00	35.71 0.04 0.00	40.32 0.28 0.00	52.51 0.10 -0.59	56.10 -0.06 -0.28	46.85 -0.09 -0.05	38.66 0.00 0.00	33.43 0.10 0.00	28.77 -0.09 0.00	25.54 -0.18 0.00
LYONS_FALL_HYD 23570	24.46 0.12 0.00	22.97 0.14 0.00	22.02 0.15 0.00	21.59 0.19 0.00	22.57 0.27 0.00	26.69 0.42 0.00	38.68 0.91 0.00	47.03 1.19 0.00	39.55 0.66 0.00	30.92 0.43 0.00	29.03 0.26 0.00	28.53 0.34 0.00	28.52 0.20 0.00	29.53 0.18 0.00	32.40 0.29 0.00	35.99 0.32 0.00	40.60 0.56 0.00	52.95 0.62 -0.52	56.85 0.72 -0.25	47.45 0.52 -0.05	38.94 0.27 0.00	33.74 0.40 0.00	29.12 0.26 0.00	25.84 0.13 0.00
MADISON___COUNTY_LFGE 323628	24.75 0.41 0.00	23.20 0.37 0.00	22.22 0.35 0.00	21.76 0.36 0.00	22.71 0.40 0.00	26.83 0.55 0.00	38.84 1.06 0.00	47.26 1.42 0.00	39.79 0.89 0.00	31.16 0.67 0.00	29.26 0.49 0.00	28.64 0.45 0.00	28.66 0.34 0.00	29.65 0.29 0.00	32.53 0.42 0.00	36.17 0.50 0.00	40.68 0.64 0.00	53.28 0.88 -0.59	57.28 1.12 -0.28	47.88 0.94 -0.05	39.32 0.66 0.00	34.07 0.73 0.00	29.43 0.58 0.00	26.18 0.46 0.00
MALONE___115KV_TB1 356076	24.56 0.22 0.00	23.41 0.57 0.00	22.39 0.52 0.00	21.97 0.58 0.00	22.93 0.62 0.00	27.01 0.74 0.00	38.72 0.94 0.00	46.89 1.05 0.00	39.59 0.70 0.00	31.07 0.58 0.00	29.35 0.58 0.00	28.67 0.48 0.00	28.66 0.34 0.00	29.77 0.41 0.00	32.59 0.48 0.00	36.13 0.46 0.00	40.72 0.68 0.00	52.54 0.73 0.00	56.05 0.17 0.00	46.89 0.00 0.00	38.82 0.15 0.00	33.37 0.03 0.00	28.63 -0.23 0.00	25.30 -0.41 0.00
MAPLEWOD_115KV_TB3 80458	25.22 0.88 0.00	23.61 0.78 0.00	22.55 0.68 0.00	22.01 0.62 0.00	22.97 0.67 0.00	27.09 0.81 0.00	38.95 1.17 0.00	47.26 1.42 0.00	40.29 1.40 0.00	31.41 0.91 0.00	29.61 0.83 0.00	29.07 0.87 0.00	29.34 1.02 0.00	30.53 1.17 0.00	33.36 1.25 0.00	37.13 1.46 0.00	41.80 1.76 0.00	54.46 2.64 0.00	58.90 3.02 0.00	49.33 2.44 0.00	40.63 1.97 0.00	34.80 1.47 0.00	30.18 1.33 0.00	26.87 1.16 0.00
MAPLE_RIDGE_WT_1 323574	23.85 -0.49 0.00	22.52 -0.32 0.00	21.61 -0.26 0.00	21.20 -0.19 0.00	22.15 -0.16 0.00	26.06 -0.21 0.00	37.33 -0.45 0.00	45.15 -0.69 0.00	38.23 -0.66 0.00	30.06 -0.43 0.00	28.46 -0.32 0.00	27.91 -0.28 0.00	28.01 -0.31 0.00	29.03 -0.32 0.00	31.79 -0.32 0.00	35.21 -0.46 0.00	39.64 -0.40 0.00	51.14 -0.68 0.00	54.42 -1.45 0.00	45.53 -1.36 0.00	37.35 -1.31 0.00	32.00 -1.33 0.00	27.65 -1.21 0.00	24.53 -1.18 0.00
MAPLE_RIDGE_WT_2 323611	23.85 -0.49 0.00	22.52 -0.32 0.00	21.61 -0.26 0.00	21.20 -0.19 0.00	22.15 -0.16 0.00	26.06 -0.21 0.00	37.33 -0.45 0.00	45.15 -0.69 0.00	38.23 -0.66 0.00	30.06 -0.43 0.00	28.46 -0.32 0.00	27.91 -0.28 0.00	28.01 -0.31 0.00	29.03 -0.32 0.00	31.79 -0.32 0.00	35.21 -0.46 0.00	39.64 -0.40 0.00	51.14 -0.68 0.00	54.42 -1.45 0.00	45.53 -1.36 0.00	37.35 -1.31 0.00	32.00 -1.33 0.00	27.65 -1.21 0.00	24.53 -1.18 0.00
MARBLE_RIVER_WT_PWR 323696	24.41 0.07 0.00	23.25 0.41 0.00	22.26 0.39 0.00	21.84 0.45 0.00	22.82 0.51 0.00	26.85 0.58 0.00	37.66 -0.11 0.00	45.20 -0.64 0.00	38.19 -0.70 0.00	30.37 -0.12 0.00	28.71 -0.06 0.00	28.08 -0.11 0.00	28.10 -0.23 0.00	29.15 -0.20 0.00	31.92 -0.19 0.00	34.74 -0.93 0.00	39.36 -0.68 0.00	50.78 -1.04 0.00	53.70 -2.18 0.00	45.25 -1.64 0.00	37.27 -1.39 0.00	32.30 -1.03 0.00	28.39 -0.46 0.00	25.05 -0.67 0.00
MARSHVLE_115KV_TB1 80742	26.65 2.31 0.00	24.98 2.15 0.00	23.86 1.99 0.00	23.34 1.95 0.00	24.36 2.05 0.00	28.80 2.52 0.00	41.67 3.89 0.00	50.42 4.58 0.00	42.24 3.34 0.00	32.66 2.16 0.00	30.44 1.67 0.00	29.74 1.55 0.00	29.97 1.64 0.00	31.03 1.67 0.00	34.26 2.15 0.00	38.52 2.85 0.00	44.20 4.16 0.00	57.83 6.01 0.00	62.64 6.76 0.00	52.47 5.58 0.00	43.11 4.45 0.00	37.10 3.77 0.00	31.94 3.09 0.00	28.39 2.67 0.00
MARSH_HILL_WT_PWR 323713	24.71 0.37 0.00	23.11 0.28 0.00	22.28 0.41 0.00	21.95 0.56 0.00	22.82 0.51 0.00	27.04 0.76 0.00	39.33 1.55 0.00	47.77 1.92 0.00	40.52 1.63 0.00	31.74 1.25 0.00	29.95 1.18 0.00	29.24 1.04 0.00	29.37 1.05 0.00	30.12 0.76 0.00	32.85 0.74 0.00	36.49 0.82 0.00	41.08 1.04 0.00	52.28 0.47 0.00	57.22 1.34 0.00	47.59 0.70 0.00	38.94 0.27 0.00	33.77 0.43 0.00	29.17 0.32 0.00	26.13 0.41 0.00
MCINTYRE_115KV_TB2 80467	24.78 0.44 0.00	23.52 0.69 0.00	22.48 0.61 0.00	22.06 0.66 0.00	23.02 0.71 0.00	27.12 0.84 0.00	39.18 1.40 0.00	47.58 1.74 0.00	39.94 1.05 0.00	31.19 0.70 0.00	29.29 0.52 0.00	28.59 0.39 0.00	28.58 0.25 0.00	29.62 0.26 0.00	32.50 0.39 0.00	36.06 0.39 0.00	40.76 0.72 0.00	52.86 0.78 -0.27	56.51 0.50 -0.13	47.38 0.47 -0.03	39.36 0.70 0.00	33.93 0.60 0.00	29.14 0.29 0.00	25.84 0.13 0.00
MECO_____69_KV_BK1 80468	26.55 2.21 0.00	24.91 2.08 0.00	23.77 1.90 0.00	23.26 1.86 0.00	24.24 1.94 0.00	28.75 2.47 0.00	41.56 3.78 0.00	50.29 4.45 0.00	42.39 3.50 0.00	32.81 2.32 0.00	30.61 1.84 0.00	29.94 1.75 0.00	30.22 1.90 0.00	31.29 1.94 0.00	34.49 2.38 0.00	38.81 3.14 0.00	44.28 4.24 0.00	57.93 6.11 0.00	62.81 6.93 0.00	52.56 5.67 0.00	43.19 4.52 0.00	37.00 3.67 0.00	31.86 3.00 0.00	28.29 2.57 0.00
MENANDS___115KV_TB5 355628	25.09 0.75 0.00	23.50 0.66 0.00	22.44 0.57 0.00	21.91 0.51 0.00	22.86 0.56 0.00	26.96 0.68 0.00	38.72 0.94 0.00	46.99 1.15 0.00	40.10 1.21 0.00	31.25 0.76 0.00	29.49 0.72 0.00	28.95 0.76 0.00	29.20 0.88 0.00	30.41 1.06 0.00	33.20 1.09 0.00	36.92 1.25 0.00	41.56 1.52 0.00	54.15 2.33 0.00	58.56 2.68 0.00	49.05 2.16 0.00	40.40 1.74 0.00	34.60 1.27 0.00	30.04 1.18 0.00	26.74 1.03 0.00
MG INDUSTRY___DRP 24185	25.09 0.75 0.00	23.52 0.69 0.00	22.46 0.59 0.00	21.95 0.56 0.00	22.88 0.58 0.00	26.98 0.71 0.00	38.76 0.98 0.00	46.94 1.10 0.00	39.98 1.09 0.00	31.13 0.64 0.00	29.29 0.52 0.00	28.73 0.54 0.00	28.95 0.62 0.00	30.12 0.76 0.00	32.95 0.83 0.00	36.71 1.03 0.00	41.40 1.36 0.00	53.94 2.12 0.00	58.34 2.46 0.00	48.91 2.02 0.00	40.29 1.62 0.00	34.57 1.23 0.00	29.98 1.13 0.00	26.72 1.00 0.00



MID___OSWEGATCHIE_HYD 23849	24.32 -0.02 0.00	23.00 0.16 0.00	22.02 0.15 0.00	21.59 0.19 0.00	22.57 0.27 0.00	26.64 0.37 0.00	38.53 0.76 0.00	46.85 1.01 0.00	39.32 0.43 0.00	30.70 0.21 0.00	28.86 0.09 0.00	28.31 0.11 0.00	28.30 -0.03 0.00	29.30 -0.06 0.00	32.14 0.03 0.00	35.71 0.04 0.00	40.32 0.28 0.00	52.51 0.10 -0.59	56.10 -0.06 -0.28	46.85 -0.09 -0.05	38.66 0.00 0.00	33.43 0.10 0.00	28.77 -0.09 0.00	25.54 -0.18 0.00
MID___RAQUETTE_HYD 23851	24.46 0.12 0.00	23.22 0.39 0.00	22.22 0.35 0.00	21.78 0.39 0.00	22.75 0.45 0.00	26.77 0.50 0.00	38.57 0.79 0.00	46.85 1.01 0.00	39.44 0.54 0.00	30.86 0.37 0.00	29.06 0.29 0.00	28.42 0.23 0.00	28.41 0.08 0.00	29.47 0.12 0.00	32.30 0.19 0.00	35.85 0.18 0.00	40.48 0.44 0.00	52.39 0.26 -0.32	55.92 -0.11 -0.15	46.83 -0.09 -0.03	38.82 0.15 0.00	33.43 0.10 0.00	28.77 -0.09 0.00	25.51 -0.21 0.00
MILLIKEN___1 23584	24.41 0.07 0.00	22.88 0.05 0.00	21.93 0.07 0.00	21.48 0.09 0.00	22.39 0.09 0.00	26.46 0.18 0.00	38.27 0.49 0.00	46.57 0.73 0.00	39.16 0.27 0.00	30.64 0.15 0.00	28.77 0.00 0.00	28.11 -0.08 0.00	28.18 -0.14 0.00	29.12 -0.23 0.00	31.92 -0.19 0.00	35.60 -0.07 0.00	40.08 0.04 0.00	52.88 0.05 -1.02	56.70 0.34 -0.49	47.27 0.28 -0.09	38.78 0.12 0.00	33.57 0.23 0.00	29.03 0.17 0.00	25.77 0.05 0.00
MILLIKEN___2 23585	24.41 0.07 0.00	22.88 0.05 0.00	21.93 0.07 0.00	21.48 0.09 0.00	22.39 0.09 0.00	26.46 0.18 0.00	38.27 0.49 0.00	46.57 0.73 0.00	39.16 0.27 0.00	30.64 0.15 0.00	28.77 0.00 0.00	28.11 -0.08 0.00	28.18 -0.14 0.00	29.12 -0.23 0.00	31.92 -0.19 0.00	35.60 -0.07 0.00	40.08 0.04 0.00	52.88 0.05 -1.02	56.70 0.34 -0.49	47.27 0.28 -0.09	38.78 0.12 0.00	33.57 0.23 0.00	29.03 0.17 0.00	25.77 0.05 0.00
MILLIKEN___DIESEL 23629	24.41 0.07 0.00	22.88 0.05 0.00	21.93 0.07 0.00	21.48 0.09 0.00	22.39 0.09 0.00	26.46 0.18 0.00	38.27 0.49 0.00	46.57 0.73 0.00	39.16 0.27 0.00	30.64 0.15 0.00	28.77 0.00 0.00	28.11 -0.08 0.00	28.18 -0.14 0.00	29.12 -0.23 0.00	31.92 -0.19 0.00	35.60 -0.07 0.00	40.08 0.04 0.00	52.88 0.05 -1.02	56.70 0.34 -0.49	47.27 0.28 -0.09	38.78 0.12 0.00	33.57 0.23 0.00	29.03 0.17 0.00	25.77 0.05 0.00
MILLSEAT___LFGE 323607	24.24 -0.10 0.00	22.45 -0.39 0.00	21.82 -0.04 0.00	21.42 0.02 0.00	22.17 -0.13 0.00	26.33 0.05 0.00	37.97 0.19 0.00	46.16 0.32 0.00	39.05 0.16 0.00	30.71 0.21 0.00	28.92 0.14 0.00	28.25 0.06 0.00	28.41 0.09 0.00	29.09 -0.26 0.00	31.73 -0.38 0.00	35.14 -0.53 0.00	39.56 -0.48 0.00	49.79 -2.02 0.00	54.70 -1.18 0.00	45.53 -1.36 0.00	37.58 -1.08 0.00	32.73 -0.60 0.00	28.54 -0.32 0.00	25.69 -0.03 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	25.73 1.39 0.00	23.98 1.14 0.00	22.92 1.05 0.00	22.36 0.96 0.00	23.33 1.03 0.00	27.41 1.13 0.00	39.36 1.59 0.00	47.99 2.15 0.00	41.07 2.18 0.00	32.29 1.80 0.00	30.61 1.84 0.00	30.14 1.95 0.00	30.31 1.98 0.00	31.50 2.14 0.00	34.45 2.34 0.00	38.17 2.50 0.00	42.52 2.48 0.00	55.49 3.68 0.00	60.07 4.19 0.00	50.12 3.24 0.00	41.21 2.55 0.00	35.40 2.07 0.00	30.65 1.79 0.00	27.52 1.80 0.00
MILLWOOD_13_KV_LOAD 356217	25.78 1.44 0.00	24.05 1.21 0.00	22.96 1.09 0.00	22.40 1.01 0.00	23.37 1.07 0.00	27.46 1.18 0.00	39.48 1.70 0.00	48.09 2.25 0.00	41.19 2.29 0.00	32.38 1.89 0.00	30.70 1.93 0.00	30.22 2.03 0.00	30.42 2.10 0.00	31.59 2.23 0.00	34.55 2.44 0.00	38.27 2.60 0.00	42.68 2.64 0.00	55.65 3.83 0.00	60.24 4.36 0.00	50.27 3.38 0.00	41.33 2.67 0.00	35.50 2.17 0.00	30.73 1.88 0.00	27.57 1.85 0.00
MODEL_CITY_ENERGY 24167	23.73 -0.61 0.00	21.97 -0.87 0.00	21.37 -0.50 0.00	20.99 -0.41 0.00	21.70 -0.60 0.00	25.72 -0.55 0.00	36.98 -0.80 0.00	44.74 -1.10 0.00	37.96 -0.93 0.00	29.94 -0.55 0.00	28.25 -0.52 0.00	27.60 -0.59 0.00	27.76 -0.57 0.00	28.39 -0.97 0.00	30.92 -1.19 0.00	34.14 -1.53 0.00	38.40 -1.64 0.00	48.14 -3.68 0.00	52.80 -3.07 0.00	43.98 -2.91 0.00	36.34 -2.32 0.00	31.80 -1.53 0.00	27.82 -1.04 0.00	25.12 -0.59 0.00
MODERN_LFGE___ 323580	23.73 -0.61 0.00	21.97 -0.87 0.00	21.37 -0.50 0.00	20.99 -0.41 0.00	21.70 -0.60 0.00	25.72 -0.55 0.00	36.98 -0.80 0.00	44.74 -1.10 0.00	37.96 -0.93 0.00	29.94 -0.55 0.00	28.25 -0.52 0.00	27.60 -0.59 0.00	27.76 -0.57 0.00	28.39 -0.97 0.00	30.92 -1.19 0.00	34.14 -1.53 0.00	38.40 -1.64 0.00	48.14 -3.68 0.00	52.80 -3.07 0.00	43.98 -2.91 0.00	36.34 -2.32 0.00	31.80 -1.53 0.00	27.82 -1.04 0.00	25.12 -0.59 0.00
MOHAWK_PAPER___DRP 24187	25.22 0.88 0.00	23.61 0.78 0.00	22.55 0.68 0.00	22.01 0.62 0.00	22.97 0.67 0.00	27.09 0.81 0.00	38.95 1.17 0.00	47.26 1.42 0.00	40.29 1.40 0.00	31.41 0.91 0.00	29.61 0.83 0.00	29.07 0.87 0.00	29.34 1.02 0.00	30.53 1.17 0.00	33.36 1.25 0.00	37.13 1.46 0.00	41.80 1.76 0.00	54.46 2.64 0.00	58.90 3.02 0.00	49.33 2.44 0.00	40.63 1.97 0.00	34.80 1.47 0.00	30.18 1.33 0.00	26.87 1.16 0.00
MOHICAN___35_KV_115KV_LD 80490	25.43 1.10 0.00	23.89 1.05 0.00	22.76 0.90 0.00	22.25 0.86 0.00	23.20 0.89 0.00	27.43 1.16 0.00	39.59 1.81 0.00	48.04 2.20 0.00	40.91 2.02 0.00	31.80 1.31 0.00	29.89 1.12 0.00	29.29 1.10 0.00	29.63 1.30 0.00	30.74 1.38 0.00	33.62 1.51 0.00	37.60 1.93 0.00	42.52 2.48 0.00	55.55 3.73 0.00	60.12 4.25 0.00	50.31 3.42 0.00	41.37 2.71 0.00	35.30 1.97 0.00	30.47 1.62 0.00	27.08 1.36 0.00
MONGAUP___HYD 23641	25.60 1.26 0.00	23.98 1.14 0.00	22.87 1.01 0.00	22.33 0.94 0.00	23.33 1.03 0.00	27.38 1.10 0.00	39.59 1.81 0.00	48.04 2.20 0.00	40.84 1.94 0.00	31.95 1.46 0.00	30.24 1.47 0.00	29.71 1.52 0.00	29.85 1.53 0.00	31.00 1.64 0.00	33.97 1.86 0.00	37.85 2.18 0.00	42.24 2.20 0.00	55.29 3.47 0.00	60.18 4.30 0.00	50.03 3.14 0.00	41.10 2.44 0.00	35.37 2.03 0.00	30.50 1.64 0.00	27.26 1.54 0.00
MONTAUK___DIESEL 23721	26.21 1.87 0.00	24.30 1.46 0.00	23.16 1.29 0.00	22.49 1.09 0.00	23.58 1.27 0.00	28.17 1.89 0.00	38.51 1.96 1.24	39.86 2.57 8.55	35.46 2.41 5.85	29.96 1.34 1.88	29.27 1.55 1.06	29.82 1.80 0.18	29.32 1.73 0.74	31.78 2.61 0.19	32.25 3.08 2.95	35.15 3.28 3.80	40.69 3.84 3.19	55.29 5.60 2.12	60.25 6.31 1.94	51.59 5.06 0.36	40.37 3.71 2.00	35.85 2.83 0.32	31.21 2.37 0.01	29.08 3.37 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	24.29 -0.05 0.00	22.79 -0.05 0.00	22.15 0.28 0.00	21.72 0.32 0.00	22.53 0.22 0.00	26.67 0.39 0.00	38.84 1.06 0.00	47.26 1.42 0.00	39.75 0.86 0.00	31.53 1.04 0.00	30.12 1.35 0.00	29.66 1.47 0.00	29.71 1.39 0.00	30.62 1.26 0.00	33.39 1.28 0.00	36.74 1.07 0.00	41.52 1.48 0.00	52.07 0.26 0.00	56.10 0.22 0.00	46.56 -0.33 0.00	37.50 -1.16 0.00	32.77 -0.57 0.00	28.54 -0.32 0.00	25.61 -0.10 0.00



MORRIS_RIDGE___SOLAR 323848	24.53 0.19 0.00	22.84 0.00 0.00	22.06 0.20 0.00	21.69 0.30 0.00	22.50 0.20 0.00	26.64 0.37 0.00	38.57 0.79 0.00	46.80 0.96 0.00	39.75 0.85 0.00	31.19 0.70 0.00	29.46 0.69 0.00	28.81 0.62 0.00	28.95 0.62 0.00	29.65 0.29 0.00	32.37 0.26 0.00	35.89 0.22 0.00	40.36 0.32 0.00	51.25 -0.57 0.00	56.05 0.17 0.00	46.66 -0.23 0.00	38.28 -0.39 0.00	33.27 -0.07 0.00	28.88 0.03 0.00	25.95 0.23 0.00
MORTIMER_115KV_TB3 55949	23.83 -0.51 0.00	22.38 -0.46 0.00	21.58 -0.28 0.00	21.14 -0.26 0.00	21.97 -0.33 0.00	25.96 -0.32 0.00	37.44 -0.34 0.00	45.47 -0.37 0.00	38.31 -0.58 0.00	30.19 -0.30 0.00	28.57 -0.20 0.00	27.97 -0.23 0.00	28.04 -0.28 0.00	28.89 -0.47 0.00	31.50 -0.61 0.00	34.92 -0.75 0.00	39.28 -0.76 0.00	50.00 -1.81 0.00	54.31 -1.56 0.00	45.67 -1.22 0.00	37.46 -1.20 0.00	32.70 -0.63 0.00	28.42 -0.43 0.00	25.41 -0.31 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	25.90 1.56 0.00	24.11 1.28 0.00	23.05 1.18 0.00	22.46 1.07 0.00	23.46 1.16 0.00	27.51 1.23 0.00	39.52 1.74 0.00	48.18 2.34 0.00	41.30 2.41 0.00	32.56 2.07 0.00	30.87 2.10 0.00	30.42 2.23 0.00	30.62 2.29 0.00	31.79 2.44 0.00	34.78 2.67 0.00	38.52 2.85 0.00	42.80 2.76 0.00	55.80 3.99 0.00	60.46 4.58 0.00	50.41 3.52 0.00	41.45 2.78 0.00	35.63 2.30 0.00	30.85 1.99 0.00	27.70 1.98 0.00
MUNSVILLE_WIND_PWR 323609	26.09 1.75 0.00	24.43 1.60 0.00	23.38 1.51 0.00	22.94 1.54 0.00	23.95 1.65 0.00	28.35 2.08 0.00	41.59 3.81 0.00	50.70 4.86 0.00	42.27 3.38 0.00	32.99 2.50 0.00	30.67 1.90 0.00	29.86 1.66 0.00	29.63 1.30 0.00	30.50 1.14 0.00	33.59 1.48 0.00	37.52 1.85 0.00	42.56 2.52 0.00	55.79 3.53 -0.45	60.62 4.52 -0.21	50.54 3.61 -0.04	41.33 2.67 0.00	35.97 2.63 0.00	30.93 2.08 0.00	27.41 1.70 0.00
N SALMON___HYD 24042	24.56 0.22 0.00	23.41 0.57 0.00	22.39 0.52 0.00	21.97 0.58 0.00	22.95 0.65 0.00	27.04 0.76 0.00	38.35 0.57 0.00	46.25 0.41 0.00	39.05 0.16 0.00	30.83 0.34 0.00	29.12 0.35 0.00	28.45 0.25 0.00	28.44 0.11 0.00	29.50 0.15 0.00	32.34 0.23 0.00	35.42 -0.25 0.00	40.20 0.16 0.00	51.87 0.05 0.00	54.87 -1.00 0.00	46.28 -0.61 0.00	38.12 -0.54 0.00	32.87 -0.47 0.00	28.62 -0.23 0.00	25.30 -0.41 0.00
N.AKRON__115KV_KNAPP 355671	23.93 -0.41 0.00	22.45 -0.39 0.00	21.78 -0.09 0.00	21.33 -0.06 0.00	22.13 -0.18 0.00	26.14 -0.13 0.00	37.82 0.04 0.00	45.89 0.05 0.00	38.46 -0.43 0.00	30.43 -0.06 0.00	28.92 0.14 0.00	28.25 0.06 0.00	28.30 -0.03 0.00	29.09 -0.26 0.00	31.69 -0.42 0.00	35.03 -0.64 0.00	39.48 -0.56 0.00	49.64 -2.18 0.00	53.98 -1.90 0.00	45.44 -1.45 0.00	37.19 -1.47 0.00	32.70 -0.63 0.00	28.54 -0.32 0.00	25.64 -0.08 0.00
N.BELMOR_69_KV_BK1 55787	25.99 1.66 0.00	24.14 1.30 0.00	23.03 1.16 0.00	22.42 1.03 0.00	23.44 1.14 0.00	27.62 1.34 0.00	38.26 1.21 0.73	42.56 1.70 4.98	37.33 1.87 3.43	31.01 1.62 1.10	29.82 1.67 0.62	29.95 1.86 0.11	29.79 1.90 0.43	31.30 2.05 0.11	32.66 2.28 1.73	35.67 2.35 2.35	40.24 2.40 2.20	53.99 3.63 1.46	58.68 4.13 1.33	49.83 3.19 0.25	39.76 2.47 1.38	35.01 1.90 0.22	30.53 1.67 0.00	28.03 2.31 0.00
N.E_GEN_SANDY PD 24062	25.51 1.17 0.00	23.91 1.07 0.00	22.79 0.92 0.00	23.46 0.88 -1.19	25.58 0.96 -2.32	29.96 1.08 -2.61	40.74 1.55 -1.41	47.81 1.97 0.00	40.73 1.75 -0.08	31.69 1.28 0.08	30.07 1.30 0.00	29.55 1.35 0.00	29.74 1.42 0.00	31.00 1.64 0.00	33.88 1.76 0.00	36.11 1.96 1.52	43.72 2.16 -1.52	55.08 3.27 0.00	60.01 4.13 0.00	49.89 3.00 0.00	41.10 2.44 0.00	35.20 1.87 0.00	30.50 1.64 0.00	30.70 1.49 -3.49
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	25.58 1.24 0.00	23.86 1.03 0.00	22.81 0.94 0.00	22.23 0.83 0.00	23.20 0.89 0.00	27.25 0.97 0.00	39.29 1.51 0.00	47.81 1.97 0.00	40.87 1.98 0.00	32.14 1.65 0.00	30.47 1.70 0.00	29.94 1.75 0.00	30.11 1.78 0.00	31.24 1.88 0.00	34.13 2.02 0.00	37.81 2.14 0.00	42.16 2.12 0.00	55.03 3.21 0.00	59.51 3.63 0.00	49.75 2.86 0.00	40.91 2.24 0.00	35.17 1.83 0.00	30.50 1.64 0.00	27.34 1.62 0.00
N.QUEENS_27_KV_LOAD 356247	26.20 1.85 -0.01	24.37 1.53 0.00	23.31 1.44 0.00	22.75 1.35 -0.01	23.72 1.41 -0.01	27.69 1.42 0.00	39.48 1.70 0.00	47.79 1.88 -0.07	41.11 2.22 0.00	32.56 2.07 0.00	30.87 2.10 0.00	30.45 2.26 0.00	30.65 2.32 0.00	31.82 2.47 0.00	34.81 2.70 0.00	38.49 2.82 0.00	42.64 2.60 0.00	55.65 3.83 0.00	60.29 4.41 0.00	50.17 3.28 0.00	41.21 2.55 0.00	35.63 2.30 0.00	30.99 2.14 0.00	27.95 2.24 0.00
N.TROY___115KV_TB1 355778	25.31 0.97 0.00	23.70 0.87 0.00	22.63 0.77 0.00	22.12 0.73 0.00	23.06 0.76 0.00	27.22 0.95 0.00	39.14 1.36 0.00	47.54 1.70 0.00	40.45 1.56 0.00	31.56 1.07 0.00	29.72 0.95 0.00	29.18 0.99 0.00	29.43 1.10 0.00	30.62 1.26 0.00	33.46 1.35 0.00	37.24 1.57 0.00	41.96 1.92 0.00	54.61 2.80 0.00	59.06 3.19 0.00	49.52 2.63 0.00	40.79 2.13 0.00	34.93 1.60 0.00	30.30 1.44 0.00	26.98 1.26 0.00
NARROWS_GT1_1 24228	26.15 1.80 -0.01	24.46 1.62 0.00	23.29 1.42 0.00	22.70 1.31 0.00	23.73 1.43 0.00	27.72 1.44 0.00	39.52 1.74 0.00	48.04 2.20 0.00	41.19 2.29 0.00	32.59 2.10 0.00	31.02 2.25 0.00	30.62 2.42 0.00	30.79 2.46 0.00	32.03 2.67 0.00	35.03 2.92 0.00	38.81 3.14 0.00	42.76 2.72 0.00	55.96 4.15 0.00	60.96 5.08 0.00	50.41 3.52 0.00	41.60 2.94 0.00	35.80 2.47 0.00	31.02 2.17 0.00	27.90 2.18 0.00
NARROWS_GT1_2 24229	26.15 1.80 -0.01	24.46 1.62 0.00	23.29 1.42 0.00	22.70 1.31 0.00	23.73 1.43 0.00	27.72 1.44 0.00	39.52 1.74 0.00	48.04 2.20 0.00	41.19 2.29 0.00	32.59 2.10 0.00	31.02 2.25 0.00	30.62 2.42 0.00	30.79 2.46 0.00	32.03 2.67 0.00	35.03 2.92 0.00	38.81 3.14 0.00	42.76 2.72 0.00	55.96 4.15 0.00	60.96 5.08 0.00	50.41 3.52 0.00	41.60 2.94 0.00	35.80 2.47 0.00	31.02 2.17 0.00	27.90 2.18 0.00
NARROWS_GT1_3 24230	26.15 1.80 -0.01	24.46 1.62 0.00	23.29 1.42 0.00	22.70 1.31 0.00	23.73 1.43 0.00	27.72 1.44 0.00	39.52 1.74 0.00	48.04 2.20 0.00	41.19 2.29 0.00	32.59 2.10 0.00	31.02 2.25 0.00	30.62 2.42 0.00	30.79 2.46 0.00	32.03 2.67 0.00	35.03 2.92 0.00	38.81 3.14 0.00	42.76 2.72 0.00	55.96 4.15 0.00	60.96 5.08 0.00	50.41 3.52 0.00	41.60 2.94 0.00	35.80 2.47 0.00	31.02 2.17 0.00	27.90 2.18 0.00
NARROWS_GT1_4 24231	26.15 1.80 -0.01	24.46 1.62 0.00	23.29 1.42 0.00	22.70 1.31 0.00	23.73 1.43 0.00	27.72 1.44 0.00	39.52 1.74 0.00	48.04 2.20 0.00	41.19 2.29 0.00	32.59 2.10 0.00	31.02 2.25 0.00	30.62 2.42 0.00	30.79 2.46 0.00	32.03 2.67 0.00	35.03 2.92 0.00	38.81 3.14 0.00	42.76 2.72 0.00	55.96 4.15 0.00	60.96 5.08 0.00	50.41 3.52 0.00	41.60 2.94 0.00	35.80 2.47 0.00	31.02 2.17 0.00	27.90 2.18 0.00



NARROWS_GT1_5 24232	26.15 1.80 -0.01	24.46 1.62 0.00	23.29 1.42 0.00	22.70 1.31 0.00	23.73 1.43 0.00	27.72 1.44 0.00	39.52 1.74 0.00	48.04 2.20 0.00	41.19 2.29 0.00	32.59 2.10 0.00	31.02 2.25 0.00	30.62 2.42 0.00	30.79 2.46 0.00	32.03 2.67 0.00	35.03 2.92 0.00	38.81 3.14 0.00	42.76 2.72 0.00	55.96 4.15 0.00	60.96 5.08 0.00	50.41 3.52 0.00	41.60 2.94 0.00	35.80 2.47 0.00	31.02 2.17 0.00	27.90 2.18 0.00
NARROWS_GT1_6 24233	26.15 1.80 -0.01	24.46 1.62 0.00	23.29 1.42 0.00	22.70 1.31 0.00	23.73 1.43 0.00	27.72 1.44 0.00	39.52 1.74 0.00	48.04 2.20 0.00	41.19 2.29 0.00	32.59 2.10 0.00	31.02 2.25 0.00	30.62 2.42 0.00	30.79 2.46 0.00	32.03 2.67 0.00	35.03 2.92 0.00	38.81 3.14 0.00	42.76 2.72 0.00	55.96 4.15 0.00	60.96 5.08 0.00	50.41 3.52 0.00	41.60 2.94 0.00	35.80 2.47 0.00	31.02 2.17 0.00	27.90 2.18 0.00
NARROWS_GT1_7 24234	26.15 1.80 -0.01	24.46 1.62 0.00	23.29 1.42 0.00	22.70 1.31 0.00	23.73 1.43 0.00	27.72 1.44 0.00	39.52 1.74 0.00	48.04 2.20 0.00	41.19 2.29 0.00	32.59 2.10 0.00	31.02 2.25 0.00	30.62 2.42 0.00	30.79 2.46 0.00	32.03 2.67 0.00	35.03 2.92 0.00	38.81 3.14 0.00	42.76 2.72 0.00	55.96 4.15 0.00	60.96 5.08 0.00	50.41 3.52 0.00	41.60 2.94 0.00	35.80 2.47 0.00	31.02 2.17 0.00	27.90 2.18 0.00
NARROWS_GT1_8 24235	26.15 1.80 -0.01	24.46 1.62 0.00	23.29 1.42 0.00	22.70 1.31 0.00	23.73 1.43 0.00	27.72 1.44 0.00	39.52 1.74 0.00	48.04 2.20 0.00	41.19 2.29 0.00	32.59 2.10 0.00	31.02 2.25 0.00	30.62 2.42 0.00	30.79 2.46 0.00	32.03 2.67 0.00	35.03 2.92 0.00	38.81 3.14 0.00	42.76 2.72 0.00	55.96 4.15 0.00	60.96 5.08 0.00	50.41 3.52 0.00	41.60 2.94 0.00	35.80 2.47 0.00	31.02 2.17 0.00	27.90 2.18 0.00
NARROWS_GT2_1 24236	26.15 1.80 -0.01	24.46 1.62 0.00	23.29 1.42 0.00	22.70 1.31 0.00	23.73 1.43 0.00	27.72 1.44 0.00	39.52 1.74 0.00	48.04 2.20 0.00	41.19 2.29 0.00	32.59 2.10 0.00	31.02 2.25 0.00	30.62 2.42 0.00	30.79 2.46 0.00	32.03 2.67 0.00	35.03 2.92 0.00	38.81 3.14 0.00	42.76 2.72 0.00	55.96 4.15 0.00	60.96 5.08 0.00	50.41 3.52 0.00	41.60 2.94 0.00	35.80 2.47 0.00	31.02 2.17 0.00	27.90 2.18 0.00
NARROWS_GT2_2 24237	26.15 1.80 -0.01	24.46 1.62 0.00	23.29 1.42 0.00	22.70 1.31 0.00	23.73 1.43 0.00	27.72 1.44 0.00	39.52 1.74 0.00	48.04 2.20 0.00	41.19 2.29 0.00	32.59 2.10 0.00	31.02 2.25 0.00	30.62 2.42 0.00	30.79 2.46 0.00	32.03 2.67 0.00	35.03 2.92 0.00	38.81 3.14 0.00	42.76 2.72 0.00	55.96 4.15 0.00	60.96 5.08 0.00	50.41 3.52 0.00	41.60 2.94 0.00	35.80 2.47 0.00	31.02 2.17 0.00	27.90 2.18 0.00
NARROWS_GT2_3 24238	26.15 1.80 -0.01	24.46 1.62 0.00	23.29 1.42 0.00	22.70 1.31 0.00	23.73 1.43 0.00	27.72 1.44 0.00	39.52 1.74 0.00	48.04 2.20 0.00	41.19 2.29 0.00	32.59 2.10 0.00	31.02 2.25 0.00	30.62 2.42 0.00	30.79 2.46 0.00	32.03 2.67 0.00	35.03 2.92 0.00	38.81 3.14 0.00	42.76 2.72 0.00	55.96 4.15 0.00	60.96 5.08 0.00	50.41 3.52 0.00	41.60 2.94 0.00	35.80 2.47 0.00	31.02 2.17 0.00	27.90 2.18 0.00
NARROWS_GT2_4 24239	26.15 1.80 -0.01	24.46 1.62 0.00	23.29 1.42 0.00	22.70 1.31 0.00	23.73 1.43 0.00	27.72 1.44 0.00	39.52 1.74 0.00	48.04 2.20 0.00	41.19 2.29 0.00	32.59 2.10 0.00	31.02 2.25 0.00	30.62 2.42 0.00	30.79 2.46 0.00	32.03 2.67 0.00	35.03 2.92 0.00	38.81 3.14 0.00	42.76 2.72 0.00	55.96 4.15 0.00	60.96 5.08 0.00	50.41 3.52 0.00	41.60 2.94 0.00	35.80 2.47 0.00	31.02 2.17 0.00	27.90 2.18 0.00
NARROWS_GT2_5 24240	26.15 1.80 -0.01	24.46 1.62 0.00	23.29 1.42 0.00	22.70 1.31 0.00	23.73 1.43 0.00	27.72 1.44 0.00	39.52 1.74 0.00	48.04 2.20 0.00	41.19 2.29 0.00	32.59 2.10 0.00	31.02 2.25 0.00	30.62 2.42 0.00	30.79 2.46 0.00	32.03 2.67 0.00	35.03 2.92 0.00	38.81 3.14 0.00	42.76 2.72 0.00	55.96 4.15 0.00	60.96 5.08 0.00	50.41 3.52 0.00	41.60 2.94 0.00	35.80 2.47 0.00	31.02 2.17 0.00	27.90 2.18 0.00
NARROWS_GT2_6 24241	26.15 1.80 -0.01	24.46 1.62 0.00	23.29 1.42 0.00	22.70 1.31 0.00	23.73 1.43 0.00	27.72 1.44 0.00	39.52 1.74 0.00	48.04 2.20 0.00	41.19 2.29 0.00	32.59 2.10 0.00	31.02 2.25 0.00	30.62 2.42 0.00	30.79 2.46 0.00	32.03 2.67 0.00	35.03 2.92 0.00	38.81 3.14 0.00	42.76 2.72 0.00	55.96 4.15 0.00	60.96 5.08 0.00	50.41 3.52 0.00	41.60 2.94 0.00	35.80 2.47 0.00	31.02 2.17 0.00	27.90 2.18 0.00
NARROWS_GT2_7 24242	26.15 1.80 -0.01	24.46 1.62 0.00	23.29 1.42 0.00	22.70 1.31 0.00	23.73 1.43 0.00	27.72 1.44 0.00	39.52 1.74 0.00	48.04 2.20 0.00	41.19 2.29 0.00	32.59 2.10 0.00	31.02 2.25 0.00	30.62 2.42 0.00	30.79 2.46 0.00	32.03 2.67 0.00	35.03 2.92 0.00	38.81 3.14 0.00	42.76 2.72 0.00	55.96 4.15 0.00	60.96 5.08 0.00	50.41 3.52 0.00	41.60 2.94 0.00	35.80 2.47 0.00	31.02 2.17 0.00	27.90 2.18 0.00
NARROWS_GT2_8 24243	26.15 1.80 -0.01	24.46 1.62 0.00	23.29 1.42 0.00	22.70 1.31 0.00	23.73 1.43 0.00	27.72 1.44 0.00	39.52 1.74 0.00	48.04 2.20 0.00	41.19 2.29 0.00	32.59 2.10 0.00	31.02 2.25 0.00	30.62 2.42 0.00	30.79 2.46 0.00	32.03 2.67 0.00	35.03 2.92 0.00	38.81 3.14 0.00	42.76 2.72 0.00	55.96 4.15 0.00	60.96 5.08 0.00	50.41 3.52 0.00	41.60 2.94 0.00	35.80 2.47 0.00	31.02 2.17 0.00	27.90 2.18 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	25.22 0.88 0.00	23.66 0.82 0.00	22.59 0.72 0.00	22.08 0.68 0.00	23.02 0.71 0.00	27.17 0.89 0.00	39.10 1.32 0.00	47.26 1.42 0.00	40.14 1.24 0.00	31.01 0.52 0.00	29.09 0.32 0.00	28.47 0.28 0.00	28.75 0.42 0.00	29.91 0.56 0.00	32.82 0.71 0.00	36.74 1.07 0.00	41.60 1.56 0.00	54.51 2.69 0.00	59.01 3.13 0.00	49.52 2.63 0.00	40.63 1.97 0.00	34.70 1.37 0.00	30.15 1.30 0.00	26.77 1.05 0.00
NCHELSEA_115KV_TR2 355582	25.78 1.44 0.00	24.05 1.21 0.00	22.98 1.12 0.00	22.42 1.03 0.00	23.40 1.09 0.00	27.46 1.18 0.00	39.67 1.89 0.00	48.27 2.43 0.00	41.30 2.41 0.00	32.35 1.86 0.00	30.58 1.81 0.00	30.08 1.89 0.00	30.28 1.95 0.00	31.44 2.08 0.00	34.45 2.34 0.00	38.24 2.57 0.00	42.72 2.68 0.00	55.80 3.99 0.00	60.29 4.41 0.00	50.41 3.52 0.00	41.37 2.71 0.00	35.50 2.17 0.00	30.73 1.88 0.00	27.49 1.77 0.00
NEG CAPITAL___MECHNVIL 23645	25.53 1.19 0.00	23.98 1.14 0.00	22.87 1.01 0.00	22.36 0.96 0.00	23.31 1.00 0.00	27.51 1.24 0.00	39.67 1.89 0.00	48.13 2.29 0.00	40.91 2.02 0.00	31.89 1.40 0.00	30.04 1.26 0.00	29.46 1.27 0.00	29.74 1.42 0.00	30.88 1.53 0.00	33.78 1.67 0.00	37.74 2.07 0.00	42.56 2.52 0.00	55.49 3.68 0.00	60.40 4.52 0.00	50.27 3.38 0.00	41.37 2.71 0.00	35.40 2.07 0.00	30.53 1.67 0.00	27.18 1.47 0.00



NEG CENTRAL_HIGH_ACRES 23767	23.56 -0.78 0.00	21.94 -0.89 0.00	21.17 -0.70 0.00	20.75 -0.64 0.00	21.57 -0.74 0.00	25.54 -0.74 0.00	36.87 -0.91 0.00	44.92 -0.92 0.00	38.00 -0.89 0.00	29.82 -0.67 0.00	28.05 -0.72 0.00	27.43 -0.76 0.00	27.62 -0.71 0.00	28.39 -0.97 0.00	31.02 -1.09 0.00	34.49 -1.18 0.00	38.80 -1.24 0.00	49.48 -2.33 0.00	54.04 -1.84 0.00	45.11 -1.78 0.00	37.15 -1.51 0.00	32.20 -1.13 0.00	27.93 -0.92 0.00	24.94 -0.77 0.00
NEG CENTRAL___DRP 24199	24.22 -0.12 0.00	22.68 -0.16 0.00	21.78 -0.09 0.00	21.33 -0.06 0.00	22.21 -0.09 0.00	26.25 -0.03 0.00	37.89 0.11 0.00	46.12 0.28 0.00	38.85 -0.04 0.00	30.58 0.09 0.00	28.83 0.06 0.00	28.19 0.00 0.00	28.30 -0.03 0.00	29.21 -0.15 0.00	31.92 -0.19 0.00	35.49 -0.18 0.00	39.84 -0.20 0.00	52.35 -0.57 -1.11	56.13 -0.28 -0.53	46.76 -0.23 -0.10	38.28 -0.39 0.00	33.27 -0.07 0.00	28.86 0.00 0.00	25.69 -0.03 0.00
NEG CENTRAL___INDECK 23768	24.90 0.56 0.00	23.18 0.34 0.00	22.39 0.52 0.00	21.97 0.58 0.00	22.82 0.51 0.00	27.09 0.82 0.00	39.36 1.59 0.00	48.09 2.25 0.00	40.45 1.56 0.00	31.56 1.07 0.00	29.63 0.86 0.00	28.90 0.71 0.00	29.03 0.71 0.00	29.80 0.44 0.00	32.56 0.45 0.00	36.28 0.61 0.00	41.04 1.00 0.00	52.39 0.57 0.00	57.67 1.79 0.00	48.06 1.17 0.00	39.44 0.77 0.00	34.17 0.83 0.00	29.55 0.69 0.00	26.38 0.67 0.00
NEG CENTRAL___SENECA 23627	24.39 0.05 0.00	22.86 0.02 0.00	21.98 0.11 0.00	21.52 0.13 0.00	22.39 0.09 0.00	26.49 0.21 0.00	38.31 0.53 0.00	46.62 0.78 0.00	39.20 0.31 0.00	30.92 0.43 0.00	29.17 0.40 0.00	28.53 0.34 0.00	28.61 0.28 0.00	29.47 0.12 0.00	32.21 0.10 0.00	35.81 0.14 0.00	40.16 0.12 0.00	52.06 -0.26 -0.51	56.18 0.06 -0.24	47.03 0.09 -0.05	38.47 -0.19 0.00	33.57 0.23 0.00	29.12 0.26 0.00	25.95 0.23 0.00
NEG CENTRAL___STATE_STREET 24147	24.14 -0.19 0.00	22.63 -0.21 0.00	21.69 -0.17 0.00	21.22 -0.17 0.00	22.13 -0.18 0.00	26.12 -0.16 0.00	37.66 -0.11 0.00	45.84 0.00 0.00	38.70 -0.19 0.00	30.34 -0.15 0.00	28.57 -0.20 0.00	27.97 -0.23 0.00	28.10 -0.23 0.00	29.06 -0.29 0.00	31.73 -0.39 0.00	35.35 -0.32 0.00	39.68 -0.36 0.00	52.97 -0.62 -1.77	56.34 -0.39 -0.85	46.73 -0.33 -0.17	38.31 -0.35 0.00	33.13 -0.20 0.00	28.74 -0.12 0.00	25.54 -0.18 0.00
NEG MILLWOOD___DRP 24198	25.92 1.58 0.00	24.18 1.35 0.00	23.09 1.22 0.00	22.53 1.13 0.00	23.51 1.20 0.00	27.59 1.31 0.00	39.86 2.08 0.00	48.45 2.61 0.00	41.57 2.68 0.00	32.56 2.07 0.00	30.90 2.13 0.00	30.39 2.20 0.00	30.59 2.27 0.00	31.76 2.41 0.00	34.84 2.73 0.00	38.60 2.93 0.00	43.04 3.00 0.00	56.22 4.40 0.00	60.74 4.86 0.00	50.69 3.80 0.00	41.64 2.98 0.00	35.70 2.37 0.00	30.88 2.02 0.00	27.64 1.93 0.00
NEG NORTH_FLCN_SEA 23793	24.83 0.49 0.00	23.70 0.87 0.00	22.68 0.81 0.00	22.27 0.88 0.00	23.24 0.94 0.00	27.41 1.13 0.00	38.53 0.76 0.00	46.25 0.41 0.00	39.09 0.19 0.00	31.04 0.55 0.00	29.35 0.58 0.00	28.67 0.48 0.00	28.66 0.34 0.00	29.77 0.41 0.00	32.62 0.51 0.00	36.17 0.50 0.00	40.28 0.24 0.00	52.02 0.21 0.00	55.38 -0.50 0.00	46.23 -0.66 0.00	38.55 -0.12 0.00	33.67 0.33 0.00	28.86 0.00 0.00	25.46 -0.26 0.00
NEG NORTH_KES_CHATEGAY 23792	24.36 0.02 0.00	23.20 0.37 0.00	22.22 0.35 0.00	21.80 0.41 0.00	22.75 0.45 0.00	26.77 0.50 0.00	38.27 0.49 0.00	46.25 0.41 0.00	39.09 0.19 0.00	30.70 0.21 0.00	29.03 0.26 0.00	28.39 0.20 0.00	28.44 0.11 0.00	29.50 0.15 0.00	32.30 0.19 0.00	35.81 0.14 0.00	40.24 0.20 0.00	51.97 0.16 0.00	55.43 -0.45 0.00	46.33 -0.56 0.00	38.35 -0.31 0.00	33.00 -0.33 0.00	28.34 -0.52 0.00	25.00 -0.72 0.00
NEG NORTH___ALICE_FALLS 23915	24.80 0.46 0.00	23.70 0.87 0.00	22.66 0.79 0.00	22.25 0.86 0.00	23.24 0.94 0.00	27.41 1.13 0.00	38.80 1.02 0.00	46.67 0.83 0.00	39.40 0.51 0.00	31.13 0.64 0.00	29.46 0.69 0.00	28.76 0.56 0.00	28.78 0.45 0.00	29.86 0.50 0.00	32.72 0.61 0.00	36.28 0.61 0.00	40.60 0.56 0.00	52.49 0.67 0.00	55.88 0.00 0.00	46.66 -0.23 0.00	38.78 0.12 0.00	33.67 0.33 0.00	28.86 0.00 0.00	25.46 -0.26 0.00
NEG NORTH___LWR_SARANAC 23913	24.80 0.46 0.00	23.70 0.87 0.00	22.66 0.79 0.00	22.25 0.86 0.00	23.24 0.94 0.00	27.41 1.13 0.00	38.80 1.02 0.00	46.67 0.83 0.00	39.40 0.51 0.00	31.13 0.64 0.00	29.46 0.69 0.00	28.76 0.56 0.00	28.78 0.45 0.00	29.86 0.50 0.00	32.72 0.61 0.00	36.28 0.61 0.00	40.60 0.56 0.00	52.49 0.67 0.00	55.88 0.00 0.00	46.66 -0.23 0.00	38.78 0.12 0.00	33.67 0.33 0.00	28.86 0.00 0.00	25.46 -0.26 0.00
NEG NORTH___PLATTSBURG 23628	24.80 0.46 0.00	23.73 0.89 0.00	22.68 0.81 0.00	22.25 0.86 0.00	23.24 0.94 0.00	27.40 1.13 0.00	37.89 0.11 0.00	45.20 -0.64 0.00	38.11 -0.78 0.00	30.55 0.06 0.00	28.92 0.14 0.00	28.22 0.03 0.00	28.24 -0.08 0.00	29.33 -0.03 0.00	32.14 0.03 0.00	34.60 -1.07 0.00	39.36 -0.68 0.00	50.88 -0.93 0.00	53.70 -2.18 0.00	45.20 -1.69 0.00	37.19 -1.47 0.00	32.44 -0.90 0.00	28.86 0.00 0.00	25.46 -0.26 0.00
NEG WEST_LEA_LOCKPORT 23791	23.66 -0.68 0.00	22.20 -0.64 0.00	21.56 -0.31 0.00	21.14 -0.26 0.00	21.88 -0.42 0.00	25.83 -0.45 0.00	37.29 -0.49 0.00	45.06 -0.78 0.00	37.84 -1.05 0.00	30.00 -0.49 0.00	28.60 -0.17 0.00	27.94 -0.25 0.00	27.98 -0.34 0.00	28.74 -0.62 0.00	31.28 -0.83 0.00	34.49 -1.18 0.00	38.84 -1.20 0.00	48.71 -3.11 0.00	52.86 -3.02 0.00	44.50 -2.39 0.00	36.46 -2.20 0.00	32.17 -1.17 0.00	28.16 -0.69 0.00	25.38 -0.33 0.00
NEG WEST___LANCASTR 23811	24.29 -0.05 0.00	22.79 -0.05 0.00	22.09 0.22 0.00	21.63 0.24 0.00	22.42 0.11 0.00	26.49 0.21 0.00	38.46 0.68 0.00	46.48 0.64 0.00	39.09 0.19 0.00	30.98 0.49 0.00	29.52 0.75 0.00	28.81 0.62 0.00	28.83 0.51 0.00	29.65 0.29 0.00	32.30 0.19 0.00	35.60 -0.07 0.00	40.20 0.16 0.00	50.62 -1.19 0.00	54.87 -1.01 0.00	46.23 -0.66 0.00	37.70 -0.97 0.00	33.13 -0.20 0.00	28.94 0.09 0.00	26.13 0.41 0.00
NEG_PENN_ALLEGHNY 23528	25.14 0.80 0.00	23.45 0.62 0.00	22.48 0.61 0.00	22.04 0.64 0.00	22.93 0.62 0.00	27.04 0.76 0.00	39.18 1.40 0.00	47.54 1.70 0.00	40.37 1.48 0.00	31.65 1.16 0.00	29.92 1.15 0.00	29.26 1.07 0.00	29.37 1.05 0.00	30.27 0.91 0.00	33.07 0.96 0.00	36.78 1.11 0.00	41.28 1.24 0.00	53.16 1.34 0.00	58.00 2.12 0.00	48.43 1.55 0.00	39.78 1.12 0.00	34.43 1.10 0.00	29.87 1.01 0.00	26.72 1.00 0.00
NEG___GEN_MONROE 24207	23.88 -0.46 0.00	22.42 -0.41 0.00	21.65 -0.22 0.00	21.20 -0.19 0.00	22.06 -0.25 0.00	26.09 -0.18 0.00	37.51 -0.26 0.00	45.52 -0.32 0.00	38.31 -0.58 0.00	30.28 -0.21 0.00	28.66 -0.12 0.00	28.02 -0.17 0.00	28.10 -0.23 0.00	28.89 -0.47 0.00	31.53 -0.58 0.00	34.92 -0.75 0.00	39.32 -0.72 0.00	49.95 -1.87 0.00	54.26 -1.62 0.00	45.62 -1.27 0.00	37.46 -1.20 0.00	32.77 -0.57 0.00	28.51 -0.35 0.00	25.54 -0.18 0.00



NEPA___ENERGY 23901	24.29 -0.05 0.00	22.81 -0.02 0.00	22.11 0.24 0.00	21.63 0.24 0.00	22.42 0.11 0.00	26.49 0.21 0.00	38.46 0.68 0.00	46.62 0.78 0.00	39.20 0.31 0.00	31.04 0.55 0.00	29.63 0.86 0.00	28.95 0.76 0.00	28.95 0.62 0.00	29.74 0.38 0.00	32.40 0.29 0.00	35.74 0.07 0.00	40.32 0.28 0.00	50.83 -0.98 0.00	55.04 -0.84 0.00	46.33 -0.56 0.00	37.73 -0.93 0.00	33.17 -0.17 0.00	28.94 0.09 0.00	26.08 0.36 0.00
NEVERSINK___HYD 23608	25.75 1.41 0.00	24.09 1.26 0.00	23.00 1.14 0.00	22.46 1.07 0.00	23.46 1.16 0.00	27.54 1.26 0.00	39.85 2.08 0.00	48.41 2.57 0.00	41.19 2.29 0.00	32.26 1.77 0.00	30.53 1.76 0.00	29.97 1.78 0.00	30.11 1.79 0.00	31.24 1.88 0.00	34.23 2.12 0.00	38.10 2.43 0.00	42.60 2.56 0.00	55.70 3.89 0.00	60.57 4.69 0.00	50.36 3.47 0.00	41.37 2.71 0.00	35.57 2.23 0.00	30.68 1.82 0.00	27.41 1.70 0.00
NEWKRMKL_115KV_TB1 55635	24.92 0.58 0.00	23.34 0.50 0.00	22.28 0.42 0.00	21.78 0.39 0.00	22.71 0.40 0.00	26.80 0.53 0.00	38.50 0.72 0.00	46.67 0.83 0.00	39.82 0.93 0.00	31.07 0.58 0.00	29.29 0.52 0.00	28.76 0.56 0.00	29.03 0.71 0.00	30.21 0.85 0.00	33.01 0.90 0.00	36.74 1.07 0.00	41.32 1.28 0.00	53.84 2.02 0.00	58.17 2.29 0.00	48.77 1.88 0.00	40.13 1.47 0.00	34.37 1.03 0.00	29.84 0.98 0.00	26.56 0.85 0.00
NEWTON___FALLS_HYD 23847	24.32 -0.02 0.00	23.00 0.16 0.00	22.02 0.15 0.00	21.59 0.19 0.00	22.57 0.27 0.00	26.64 0.37 0.00	38.53 0.76 0.00	46.85 1.01 0.00	39.32 0.43 0.00	30.70 0.21 0.00	28.86 0.09 0.00	28.31 0.11 0.00	28.30 -0.03 0.00	29.30 -0.06 0.00	32.14 0.03 0.00	35.71 0.04 0.00	40.32 0.28 0.00	52.51 0.10 -0.59	56.10 -0.06 -0.28	46.85 -0.09 -0.05	38.66 0.00 0.00	33.43 0.10 0.00	28.77 -0.09 0.00	25.54 -0.18 0.00
NGRID_A1_DSASP 323792	23.68 -0.66 0.00	21.92 -0.91 0.00	21.34 -0.53 0.00	20.97 -0.43 0.00	21.66 -0.65 0.00	25.67 -0.60 0.00	36.87 -0.91 0.00	44.47 -1.37 0.00	37.76 -1.13 0.00	29.82 -0.67 0.00	28.17 -0.61 0.00	27.52 -0.68 0.00	27.67 -0.65 0.00	28.27 -1.09 0.00	30.76 -1.35 0.00	33.99 -1.68 0.00	38.20 -1.84 0.00	47.83 -3.99 0.00	52.41 -3.46 0.00	43.70 -3.19 0.00	36.19 -2.48 0.00	31.70 -1.63 0.00	27.76 -1.10 0.00	25.10 -0.62 0.00
NGRID_A2_DSASP 323793	23.68 -0.66 0.00	21.92 -0.91 0.00	21.34 -0.53 0.00	20.97 -0.43 0.00	21.66 -0.65 0.00	25.67 -0.60 0.00	36.87 -0.91 0.00	44.47 -1.37 0.00	37.76 -1.13 0.00	29.82 -0.67 0.00	28.17 -0.61 0.00	27.52 -0.68 0.00	27.67 -0.65 0.00	28.27 -1.09 0.00	30.76 -1.35 0.00	33.99 -1.68 0.00	38.20 -1.84 0.00	47.83 -3.99 0.00	52.41 -3.46 0.00	43.70 -3.19 0.00	36.19 -2.48 0.00	31.70 -1.63 0.00	27.76 -1.10 0.00	25.10 -0.62 0.00
NGRID_A4_DSASP 323807	23.68 -0.66 0.00	21.92 -0.91 0.00	21.34 -0.53 0.00	20.97 -0.43 0.00	21.66 -0.65 0.00	25.67 -0.60 0.00	36.87 -0.91 0.00	44.47 -1.37 0.00	37.76 -1.13 0.00	29.82 -0.67 0.00	28.17 -0.61 0.00	27.52 -0.68 0.00	27.67 -0.65 0.00	28.27 -1.09 0.00	30.76 -1.35 0.00	33.99 -1.68 0.00	38.20 -1.84 0.00	47.83 -3.99 0.00	52.41 -3.46 0.00	43.70 -3.19 0.00	36.19 -2.48 0.00	31.70 -1.63 0.00	27.76 -1.10 0.00	25.10 -0.62 0.00
NIAGARA_115E_LBMP 323715	23.58 -0.75 0.00	21.83 -1.00 0.00	21.23 -0.63 0.00	20.86 -0.53 0.00	21.57 -0.74 0.00	25.57 -0.71 0.00	36.76 -1.02 0.00	44.37 -1.47 0.00	37.69 -1.21 0.00	29.73 -0.76 0.00	28.08 -0.69 0.00	27.43 -0.76 0.00	27.56 -0.76 0.00	28.18 -1.18 0.00	30.70 -1.41 0.00	33.89 -1.78 0.00	38.12 -1.92 0.00	47.77 -4.04 0.00	52.36 -3.52 0.00	43.65 -3.23 0.00	36.07 -2.59 0.00	31.57 -1.77 0.00	27.65 -1.21 0.00	25.00 -0.72 0.00
NIAGARA_115W_LBMP 323714	23.63 -0.71 0.00	21.88 -0.96 0.00	21.30 -0.57 0.00	20.92 -0.47 0.00	21.61 -0.69 0.00	25.62 -0.66 0.00	36.80 -0.98 0.00	44.37 -1.47 0.00	37.69 -1.21 0.00	29.76 -0.73 0.00	28.11 -0.66 0.00	27.46 -0.73 0.00	27.59 -0.74 0.00	28.21 -1.15 0.00	30.70 -1.41 0.00	33.89 -1.78 0.00	38.12 -1.92 0.00	47.72 -4.09 0.00	52.30 -3.58 0.00	43.61 -3.28 0.00	36.11 -2.55 0.00	31.60 -1.73 0.00	27.70 -1.16 0.00	25.05 -0.67 0.00
NIAGARA_230_LBMP 323716	23.83 -0.51 0.00	22.06 -0.78 0.00	21.45 -0.42 0.00	21.07 -0.32 0.00	21.77 -0.54 0.00	25.80 -0.47 0.00	37.10 -0.68 0.00	44.74 -1.10 0.00	38.00 -0.89 0.00	30.00 -0.49 0.00	28.34 -0.43 0.00	27.69 -0.51 0.00	27.81 -0.51 0.00	28.42 -0.94 0.00	30.96 -1.15 0.00	34.21 -1.46 0.00	38.44 -1.60 0.00	48.24 -3.57 0.00	52.86 -3.02 0.00	44.08 -2.81 0.00	36.46 -2.20 0.00	31.90 -1.43 0.00	27.93 -0.92 0.00	25.25 -0.46 0.00
NIAGARA___115KV_198_GIBSON 55903	23.29 -1.05 0.00	21.88 -0.96 0.00	21.23 -0.63 0.00	20.82 -0.58 0.00	21.55 -0.76 0.00	25.41 -0.87 0.00	36.61 -1.17 0.00	44.14 -1.70 0.00	37.10 -1.79 0.00	29.45 -1.04 0.00	28.08 -0.69 0.00	27.43 -0.76 0.00	27.47 -0.85 0.00	28.18 -1.17 0.00	30.63 -1.48 0.00	33.82 -1.85 0.00	38.00 -2.04 0.00	47.62 -4.20 0.00	51.63 -4.25 0.00	43.51 -3.38 0.00	35.72 -2.94 0.00	31.60 -1.73 0.00	27.70 -1.15 0.00	25.00 -0.72 0.00
NIAGARA___ 23760	23.83 -0.51 0.00	22.06 -0.78 0.00	21.45 -0.42 0.00	21.07 -0.32 0.00	21.77 -0.54 0.00	25.80 -0.47 0.00	37.10 -0.68 0.00	44.74 -1.10 0.00	38.00 -0.89 0.00	30.00 -0.49 0.00	28.34 -0.43 0.00	27.69 -0.51 0.00	27.81 -0.51 0.00	28.42 -0.94 0.00	30.96 -1.15 0.00	34.21 -1.46 0.00	38.44 -1.60 0.00	48.24 -3.57 0.00	52.86 -3.02 0.00	44.08 -2.81 0.00	36.46 -2.20 0.00	31.90 -1.43 0.00	27.93 -0.92 0.00	25.25 -0.46 0.00
NINE_MILE_1 23575	23.51 -0.83 0.00	22.04 -0.80 0.00	21.15 -0.72 0.00	20.69 -0.71 0.00	21.55 -0.76 0.00	25.41 -0.87 0.00	36.53 -1.25 0.00	44.37 -1.47 0.00	37.65 -1.25 0.00	29.51 -0.98 0.00	27.79 -0.98 0.00	27.21 -0.99 0.00	27.33 -0.99 0.00	28.30 -1.06 0.00	30.96 -1.15 0.00	34.42 -1.25 0.00	38.64 -1.40 0.00	41.10 -1.97 8.74	49.79 -1.90 4.19	44.39 -1.69 0.81	37.31 -1.35 0.00	32.20 -1.13 0.00	27.90 -0.95 0.00	24.84 -0.87 0.00
NINE_MILE_2 23744	23.54 -0.80 0.00	22.04 -0.80 0.00	21.15 -0.72 0.00	20.69 -0.71 0.00	21.55 -0.76 0.00	25.41 -0.87 0.00	36.53 -1.25 0.00	44.37 -1.47 0.00	37.65 -1.25 0.00	29.51 -0.98 0.00	27.79 -0.98 0.00	27.21 -0.99 0.00	27.33 -0.99 0.00	28.30 -1.06 0.00	30.96 -1.15 0.00	34.42 -1.25 0.00	38.64 -1.40 0.00	40.97 -1.97 8.88	49.79 -1.84 4.25	44.38 -1.69 0.83	37.31 -1.35 0.00	32.20 -1.13 0.00	27.90 -0.95 0.00	24.84 -0.87 0.00
NM_CAPITAL___DRP 24208	25.05 0.71 0.00	23.43 0.59 0.00	22.37 0.50 0.00	21.87 0.47 0.00	22.79 0.49 0.00	26.91 0.63 0.00	38.65 0.87 0.00	46.89 1.05 0.00	39.98 1.09 0.00	31.19 0.70 0.00	29.40 0.63 0.00	28.87 0.68 0.00	29.15 0.82 0.00	30.33 0.97 0.00	33.14 1.03 0.00	36.85 1.18 0.00	41.44 1.40 0.00	53.99 2.18 0.00	58.39 2.51 0.00	48.95 2.06 0.00	40.29 1.62 0.00	34.50 1.17 0.00	29.95 1.10 0.00	26.67 0.95 0.00



NM_CENTRAL___DRP 24181	23.93 -0.41 0.00	22.42 -0.41 0.00	21.50 -0.37 0.00	21.05 -0.34 0.00	21.92 -0.38 0.00	25.88 -0.39 0.00	37.25 -0.53 0.00	45.24 -0.60 0.00	38.27 -0.62 0.00	30.03 -0.46 0.00	28.31 -0.46 0.00	27.71 -0.48 0.00	27.84 -0.48 0.00	28.80 -0.56 0.00	31.50 -0.61 0.00	35.03 -0.64 0.00	39.28 -0.76 0.00	51.72 -1.14 -1.04	55.31 -1.06 -0.50	46.10 -0.89 -0.10	37.93 -0.73 0.00	32.80 -0.53 0.00	28.42 -0.43 0.00	25.28 -0.44 0.00
NM_FRONTIER___DRP 24179	23.29 -1.05 0.00	21.88 -0.96 0.00	21.23 -0.63 0.00	20.82 -0.58 0.00	21.55 -0.76 0.00	25.41 -0.87 0.00	36.61 -1.17 0.00	44.14 -1.70 0.00	37.10 -1.79 0.00	29.45 -1.04 0.00	28.08 -0.69 0.00	27.43 -0.76 0.00	27.47 -0.85 0.00	28.18 -1.17 0.00	30.63 -1.48 0.00	33.82 -1.85 0.00	38.00 -2.04 0.00	47.62 -4.20 0.00	51.63 -4.25 0.00	43.51 -3.38 0.00	35.72 -2.94 0.00	31.60 -1.73 0.00	27.70 -1.15 0.00	25.00 -0.72 0.00
NM_ST_REGIS___HYD 24053	24.49 0.15 0.00	23.27 0.43 0.00	22.24 0.37 0.00	21.82 0.43 0.00	22.79 0.49 0.00	26.83 0.55 0.00	38.61 0.83 0.00	46.80 0.96 0.00	39.47 0.58 0.00	30.89 0.40 0.00	29.12 0.35 0.00	28.47 0.28 0.00	28.47 0.14 0.00	29.53 0.18 0.00	32.37 0.26 0.00	35.92 0.25 0.00	40.52 0.48 0.00	52.46 0.36 -0.29	55.96 -0.06 -0.14	46.82 -0.09 -0.03	38.82 0.15 0.00	33.40 0.07 0.00	28.71 -0.14 0.00	25.43 -0.28 0.00
NORTHPORT___1 23551	25.70 1.36 0.00	24.16 1.32 0.00	22.98 1.11 0.00	22.29 0.90 0.00	23.42 1.11 0.00	27.61 1.34 0.00	37.34 0.83 1.26	38.34 1.19 8.69	34.19 1.24 5.95	29.64 1.07 1.91	28.87 1.18 1.08	29.30 1.30 0.19	28.90 1.33 0.76	30.74 1.58 0.20	30.72 1.60 3.00	33.45 1.64 3.87	38.36 1.56 3.24	52.25 2.59 2.15	57.26 3.35 1.97	48.81 2.30 0.37	38.41 1.78 2.03	34.27 1.27 0.33	29.91 1.07 0.02	27.83 2.11 -0.01
NORTHPORT___2 23552	25.70 1.36 0.00	24.16 1.32 0.00	22.98 1.11 0.00	22.29 0.90 0.00	23.42 1.11 0.00	27.61 1.34 0.00	37.34 0.83 1.26	38.34 1.19 8.69	34.19 1.24 5.95	29.64 1.07 1.91	28.87 1.18 1.08	29.30 1.30 0.19	28.90 1.33 0.76	30.74 1.58 0.20	30.72 1.60 3.00	33.45 1.64 3.87	38.36 1.56 3.24	52.25 2.59 2.15	57.26 3.35 1.97	48.81 2.30 0.37	38.41 1.78 2.03	34.27 1.27 0.33	29.91 1.07 0.02	27.83 2.11 -0.01
NORTHPORT___3 23553	25.78 1.44 0.00	24.11 1.28 0.00	22.96 1.09 0.00	22.29 0.90 0.00	23.40 1.09 0.00	27.51 1.24 0.00	37.00 0.49 1.27	37.86 0.73 8.71	33.87 0.93 5.96	29.67 1.10 1.92	28.98 1.30 1.08	29.41 1.41 0.19	29.04 1.47 0.76	30.65 1.50 0.20	30.68 1.57 3.00	33.48 1.68 3.87	38.41 1.60 3.24	52.36 2.69 2.15	57.38 3.47 1.97	48.81 2.30 0.37	38.45 1.82 2.03	34.30 1.30 0.33	29.82 0.98 0.02	27.68 1.95 -0.01
NORTHPORT___4 23650	25.78 1.44 0.00	24.11 1.28 0.00	22.96 1.09 0.00	22.29 0.90 0.00	23.40 1.09 0.00	27.51 1.24 0.00	37.00 0.49 1.27	37.86 0.73 8.71	33.87 0.93 5.96	29.67 1.10 1.92	28.98 1.30 1.08	29.41 1.41 0.19	29.04 1.47 0.76	30.65 1.50 0.20	30.68 1.57 3.00	33.48 1.68 3.87	38.41 1.60 3.24	52.36 2.69 2.15	57.38 3.47 1.97	48.81 2.30 0.37	38.45 1.82 2.03	34.30 1.30 0.33	29.82 0.98 0.02	27.68 1.95 -0.01
NORTHPORT___IC 23718	25.87 1.53 0.00	24.02 1.19 0.00	22.92 1.05 0.00	22.34 0.94 0.00	23.33 1.03 0.00	27.54 1.26 0.00	37.24 0.72 1.26	38.26 1.10 8.68	34.23 1.28 5.94	29.65 1.07 1.91	28.79 1.09 1.07	29.25 1.24 0.18	28.88 1.30 0.75	30.57 1.41 0.19	30.63 1.51 2.99	33.35 1.53 3.86	38.33 1.52 3.23	52.11 2.44 2.14	56.77 2.85 1.96	48.68 2.16 0.37	38.26 1.62 2.02	34.14 1.13 0.32	30.03 1.18 0.01	28.13 2.42 0.00
NORTH___COUNTRY_ESR 323785	24.32 -0.02 0.00	23.16 0.32 0.00	22.15 0.28 0.00	21.74 0.34 0.00	22.71 0.40 0.00	26.72 0.45 0.00	37.70 -0.08 0.00	45.34 -0.50 0.00	38.35 -0.54 0.00	30.37 -0.12 0.00	28.71 -0.06 0.00	28.08 -0.11 0.00	28.13 -0.20 0.00	29.15 -0.20 0.00	31.92 -0.19 0.00	34.92 -0.75 0.00	39.48 -0.56 0.00	50.98 -0.83 0.00	53.87 -2.01 0.00	45.48 -1.41 0.00	37.42 -1.24 0.00	32.30 -1.03 0.00	28.25 -0.61 0.00	24.92 -0.80 0.00
NPX_GEN_1385_PROXY 323591	25.58 1.24 0.00	24.37 1.53 0.00	23.20 1.33 0.00	22.51 1.11 0.00	23.62 1.32 0.00	27.93 1.66 0.00	38.10 1.59 1.26	39.40 2.25 8.69	34.82 1.79 5.87	29.47 0.98 2.00	28.18 0.49 1.08	28.65 0.65 0.19	28.22 0.65 0.76	30.36 1.20 0.20	30.62 1.51 3.00	32.71 2.43 5.39	40.60 2.28 1.72	53.60 3.94 2.15	58.71 4.81 1.97	51.70 3.70 -1.11	39.49 2.86 2.03	34.77 1.77 0.33	30.66 1.82 0.02	28.37 2.65 -0.01
NPX_GEN_CSC 323557	25.24 0.90 0.00	23.70 0.87 0.00	22.55 0.68 0.00	21.80 0.41 0.00	22.93 0.62 0.00	27.43 1.15 0.00	37.63 1.10 1.24	38.71 1.42 8.56	34.44 1.32 5.77	28.83 0.30 1.97	28.28 0.58 1.07	28.79 0.79 0.19	28.32 0.74 0.74	31.01 1.85 0.20	31.05 1.89 2.95	32.62 2.28 5.33	40.88 2.52 1.68	53.63 3.94 2.13	58.85 4.92 1.95	50.22 3.70 0.37	39.40 2.75 2.01	34.87 1.87 0.33	30.40 1.56 0.02	28.17 2.44 -0.01
NSINS_S___GLNS_FALLS 23858	25.41 1.07 0.00	23.84 1.00 0.00	22.74 0.87 0.00	22.21 0.81 0.00	23.15 0.85 0.00	27.41 1.13 0.00	39.52 1.74 0.00	47.95 2.11 0.00	40.84 1.94 0.00	31.74 1.25 0.00	29.84 1.06 0.00	29.26 1.07 0.00	29.60 1.27 0.00	30.68 1.32 0.00	33.59 1.48 0.00	37.56 1.89 0.00	42.48 2.44 0.00	55.49 3.68 0.00	60.07 4.19 0.00	50.22 3.33 0.00	41.33 2.67 0.00	35.27 1.93 0.00	30.41 1.56 0.00	27.05 1.34 0.00
NUCOR_STEEL___DRP 24197	24.14 -0.19 0.00	22.63 -0.21 0.00	21.69 -0.17 0.00	21.24 -0.15 0.00	22.13 -0.18 0.00	26.12 -0.16 0.00	37.63 -0.15 0.00	45.75 -0.09 0.00	38.66 -0.23 0.00	30.31 -0.18 0.00	28.54 -0.23 0.00	27.91 -0.28 0.00	28.07 -0.25 0.00	29.03 -0.32 0.00	31.69 -0.42 0.00	35.31 -0.36 0.00	39.64 -0.40 0.00	53.05 -0.67 -1.91	56.35 -0.45 -0.92	46.65 -0.42 -0.18	38.28 -0.39 0.00	33.10 -0.23 0.00	28.71 -0.14 0.00	25.51 -0.21 0.00
NUMBER_THREE_WT_PWR 323818	24.22 -0.12 0.00	22.77 -0.07 0.00	21.85 -0.02 0.00	21.46 0.06 0.00	22.46 0.16 0.00	26.59 0.32 0.00	38.57 0.79 0.00	46.90 1.06 0.00	39.32 0.43 0.00	30.71 0.21 0.00	28.80 0.03 0.00	28.42 0.22 0.00	28.38 0.06 0.00	29.36 0.00 0.00	32.24 0.13 0.00	35.81 0.14 0.00	40.48 0.44 0.00	52.73 0.21 -0.70	56.44 0.22 -0.34	47.00 0.05 -0.07	38.55 -0.12 0.00	33.43 0.10 0.00	28.80 -0.06 0.00	25.56 -0.15 0.00
NYISO_LBMP_REFERENCE 24008	24.34 0.00 0.00	22.84 0.00 0.00	21.87 0.00 0.00	21.39 0.00 0.00	22.30 0.00 0.00	26.28 0.00 0.00	37.78 0.00 0.00	45.84 0.00 0.00	38.89 0.00 0.00	30.49 0.00 0.00	28.77 0.00 0.00	28.19 0.00 0.00	28.32 0.00 0.00	29.36 0.00 0.00	32.11 0.00 0.00	35.67 0.00 0.00	40.04 0.00 0.00	51.81 0.00 0.00	55.88 0.00 0.00	46.89 0.00 0.00	38.66 0.00 0.00	33.33 0.00 0.00	28.86 0.00 0.00	25.72 0.00 0.00



NYPA_BRENTWD____GT 24164	25.95 1.61 0.00	24.32 1.48 0.00	23.16 1.29 0.00	22.44 1.05 0.00	23.57 1.27 0.00	27.83 1.55 0.00	37.76 1.21 1.22	39.07 1.65 8.42	34.80 1.67 5.76	29.98 1.34 1.85	29.22 1.50 1.05	29.67 1.66 0.18	29.26 1.67 0.73	31.19 2.02 0.20	31.29 2.09 2.91	34.20 2.28 3.75	39.24 2.36 3.16	52.82 3.11 2.10	57.87 3.91 1.92	49.29 2.77 0.37	39.04 2.36 1.98	34.91 1.90 0.32	30.34 1.50 0.02	28.12 2.39 -0.01
NYPA_GOWANUS____GT5 24156	26.15 1.80 -0.01	24.46 1.62 0.00	23.29 1.42 0.00	22.70 1.31 0.00	23.73 1.43 0.00	27.72 1.44 0.00	39.52 1.74 0.00	48.04 2.20 0.00	41.19 2.29 0.00	32.59 2.10 0.00	31.02 2.25 0.00	30.62 2.42 0.00	30.79 2.46 0.00	32.03 2.67 0.00	35.03 2.92 0.00	38.81 3.14 0.00	42.72 2.68 0.00	55.96 4.15 0.00	60.96 5.08 0.00	50.41 3.52 0.00	41.60 2.94 0.00	35.80 2.47 0.00	31.02 2.17 0.00	27.90 2.18 0.00
NYPA_GOWANUS____GT6 24157	26.15 1.80 -0.01	24.46 1.62 0.00	23.29 1.42 0.00	22.70 1.31 0.00	23.73 1.43 0.00	27.72 1.44 0.00	39.52 1.74 0.00	48.04 2.20 0.00	41.19 2.29 0.00	32.59 2.10 0.00	31.02 2.25 0.00	30.62 2.42 0.00	30.79 2.46 0.00	32.03 2.67 0.00	35.03 2.92 0.00	38.81 3.14 0.00	42.72 2.68 0.00	55.96 4.15 0.00	60.96 5.08 0.00	50.41 3.52 0.00	41.60 2.94 0.00	35.80 2.47 0.00	31.02 2.17 0.00	27.90 2.18 0.00
NYPA_HARLEM_RVR_GT1 24160	26.15 1.80 -0.01	24.44 1.60 -0.01	23.30 1.42 -0.01	22.71 1.31 -0.01	23.74 1.43 -0.01	27.72 1.44 0.00	39.52 1.74 0.00	47.80 1.97 0.01	40.94 2.06 0.01	32.40 1.92 0.01	30.81 2.04 0.01	30.41 2.23 0.01	30.55 2.24 0.01	31.78 2.44 0.01	34.74 2.63 0.01	38.52 2.85 0.01	42.47 2.44 0.01	55.59 3.78 0.01	60.51 4.64 0.01	50.02 3.14 0.01	41.32 2.67 0.01	35.67 2.33 0.00	30.93 2.08 0.00	27.93 2.21 0.00
NYPA_HARLEM_RVR_GT2 24161	26.15 1.80 -0.01	24.44 1.60 -0.01	23.30 1.42 -0.01	22.71 1.31 -0.01	23.74 1.43 -0.01	27.72 1.44 0.00	39.52 1.74 0.00	47.80 1.97 0.01	40.94 2.06 0.01	32.40 1.92 0.01	30.81 2.04 0.01	30.41 2.23 0.01	30.55 2.24 0.01	31.78 2.44 0.01	34.74 2.63 0.01	38.52 2.85 0.01	42.47 2.44 0.01	55.59 3.78 0.01	60.51 4.64 0.01	50.02 3.14 0.01	41.32 2.67 0.01	35.67 2.33 0.00	30.93 2.08 0.00	27.93 2.21 0.00
NYPA_KENT____GT 24152	26.08 1.73 -0.01	24.41 1.57 0.00	23.25 1.38 0.00	22.66 1.26 0.00	23.69 1.38 0.00	27.69 1.42 0.00	39.55 1.78 0.00	48.09 2.25 0.00	41.22 2.33 0.00	32.59 2.10 0.00	30.99 2.22 0.00	30.59 2.40 0.00	30.76 2.44 0.00	32.00 2.64 0.00	34.97 2.86 0.00	38.77 3.10 0.00	42.72 2.68 0.00	55.91 4.09 0.00	60.91 5.03 0.00	50.36 3.47 0.00	41.56 2.90 0.00	35.77 2.43 0.00	30.96 2.11 0.00	27.85 2.13 0.00
NYPA_POUCH1____GT 24155	26.27 1.92 -0.01	24.55 1.71 0.00	23.38 1.51 0.00	22.78 1.39 0.00	23.82 1.52 0.00	27.77 1.50 0.00	37.52 1.51 1.77	45.19 1.92 2.58	37.85 2.10 3.14	32.44 1.95 0.00	30.87 2.10 0.00	30.51 2.31 0.00	30.65 2.32 0.00	31.88 2.53 0.00	34.90 2.79 0.00	38.62 2.96 0.01	42.52 2.48 0.01	55.70 3.89 0.01	60.68 4.81 0.01	50.16 3.28 0.01	41.40 2.75 0.01	35.63 2.30 0.00	31.05 2.19 0.00	27.95 2.24 0.00
NYPA_VERNON____GT2 24162	26.03 1.68 -0.01	24.34 1.51 0.00	23.20 1.33 0.00	22.61 1.22 0.00	23.64 1.34 0.00	27.67 1.39 0.00	39.59 1.81 0.00	48.09 2.25 0.00	41.22 2.33 0.00	32.59 2.10 0.00	30.99 2.22 0.00	30.59 2.40 0.00	30.73 2.41 0.00	31.97 2.61 0.00	34.94 2.83 0.00	38.74 3.07 0.00	42.76 2.72 0.00	55.96 4.15 0.00	60.91 5.03 0.00	50.36 3.47 0.00	41.56 2.90 0.00	35.77 2.43 0.00	30.93 2.08 0.00	27.80 2.08 0.00
NYPA_VERNON____GT3 24163	26.03 1.68 -0.01	24.34 1.51 0.00	23.20 1.33 0.00	22.61 1.22 0.00	23.64 1.34 0.00	27.67 1.39 0.00	39.59 1.81 0.00	48.09 2.25 0.00	41.22 2.33 0.00	32.59 2.10 0.00	30.99 2.22 0.00	30.59 2.40 0.00	30.73 2.41 0.00	31.97 2.61 0.00	34.94 2.83 0.00	38.74 3.07 0.00	42.76 2.72 0.00	55.96 4.15 0.00	60.91 5.03 0.00	50.36 3.47 0.00	41.56 2.90 0.00	35.77 2.43 0.00	30.93 2.08 0.00	27.80 2.08 0.00
NYPA____ASTORIA_CC1 323568	26.00 1.66 -0.01	24.34 1.51 0.00	23.18 1.31 0.00	22.59 1.20 0.00	23.62 1.32 0.00	27.64 1.37 0.00	39.52 1.74 0.00	47.95 2.11 0.00	41.11 2.22 0.00	32.53 2.04 0.00	30.93 2.16 0.00	30.53 2.34 0.00	30.67 2.35 0.00	31.91 2.55 0.00	34.87 2.76 0.00	38.63 2.96 0.00	42.68 2.64 0.00	55.81 3.99 0.00	60.74 4.86 0.00	50.27 3.38 0.00	41.48 2.82 0.00	35.70 2.37 0.00	30.88 2.02 0.00	27.77 2.06 0.00
NYPA____ASTORIA_CC2 323569	26.00 1.66 -0.01	24.34 1.51 0.00	23.18 1.31 0.00	22.59 1.20 0.00	23.62 1.32 0.00	27.64 1.37 0.00	39.52 1.74 0.00	47.95 2.11 0.00	41.11 2.22 0.00	32.53 2.04 0.00	30.93 2.16 0.00	30.53 2.34 0.00	30.67 2.35 0.00	31.91 2.55 0.00	34.87 2.76 0.00	38.63 2.96 0.00	42.68 2.64 0.00	55.81 3.99 0.00	60.74 4.86 0.00	50.27 3.38 0.00	41.48 2.82 0.00	35.70 2.37 0.00	30.88 2.02 0.00	27.77 2.06 0.00
NYPA____HOLTSVILL 23794	25.70 1.36 0.00	24.11 1.28 0.00	22.94 1.07 0.00	22.23 0.83 0.00	23.37 1.07 0.00	27.61 1.34 0.00	37.40 0.87 1.25	38.46 1.19 8.57	34.31 1.28 5.87	29.55 0.95 1.89	28.86 1.15 1.07	29.33 1.33 0.19	28.88 1.30 0.74	30.92 1.76 0.20	30.95 1.80 2.96	33.82 1.96 3.82	38.83 2.00 3.21	52.85 3.16 2.13	57.90 3.97 1.95	49.33 2.81 0.37	38.82 2.16 2.01	34.64 1.63 0.33	30.20 1.36 0.02	28.01 2.29 -0.01
NYPA____HELLGATE_GT1 24158	26.12 1.78 -0.01	24.47 1.62 -0.01	23.32 1.44 -0.01	22.75 1.35 -0.01	23.76 1.45 -0.01	27.77 1.50 0.00	39.52 1.74 0.00	47.71 1.88 0.01	40.94 2.06 0.01	32.44 1.95 0.01	30.86 2.10 0.01	30.44 2.26 0.01	30.58 2.27 0.01	31.82 2.47 0.01	34.80 2.70 0.01	38.52 2.85 0.01	42.56 2.52 0.01	55.70 3.89 0.01	60.62 4.75 0.01	50.11 3.23 0.01	41.32 2.67 0.01	35.67 2.33 0.00	30.93 2.08 0.00	27.93 2.21 0.00
NYPA____HELLGATE_GT2 24159	26.12 1.78 -0.01	24.47 1.62 -0.01	23.32 1.44 -0.01	22.75 1.35 -0.01	23.76 1.45 -0.01	27.77 1.50 0.00	39.52 1.74 0.00	47.71 1.88 0.01	40.94 2.06 0.01	32.44 1.95 0.01	30.86 2.10 0.01	30.44 2.26 0.01	30.58 2.27 0.01	31.82 2.47 0.01	34.80 2.70 0.01	38.52 2.85 0.01	42.56 2.52 0.01	55.70 3.89 0.01	60.62 4.75 0.01	50.11 3.23 0.01	41.32 2.67 0.01	35.67 2.33 0.00	30.93 2.08 0.00	27.93 2.21 0.00
NYS_BARGE____HYD 23848	23.98 -0.36 0.00	22.20 -0.64 0.00	21.61 -0.26 0.00	21.22 -0.17 0.00	21.92 -0.38 0.00	26.01 -0.26 0.00	37.44 -0.34 0.00	45.34 -0.50 0.00	38.46 -0.43 0.00	30.31 -0.18 0.00	28.60 -0.17 0.00	27.91 -0.28 0.00	28.10 -0.23 0.00	28.74 -0.62 0.00	31.31 -0.80 0.00	34.60 -1.07 0.00	38.96 -1.08 0.00	48.81 -3.01 0.00	53.53 -2.34 0.00	44.59 -2.30 0.00	36.85 -1.82 0.00	32.20 -1.13 0.00	28.14 -0.72 0.00	25.41 -0.31 0.00



OAK ORCHARD___HYD 24046	24.02 -0.32 0.00	22.36 -0.48 0.00	21.61 -0.26 0.00	21.18 -0.21 0.00	21.99 -0.31 0.00	26.06 -0.21 0.00	37.55 -0.23 0.00	45.66 -0.18 0.00	38.66 -0.23 0.00	30.37 -0.12 0.00	28.60 -0.17 0.00	27.97 -0.23 0.00	28.13 -0.20 0.00	28.92 -0.44 0.00	31.53 -0.58 0.00	35.03 -0.64 0.00	39.40 -0.64 0.00	50.15 -1.66 0.00	54.81 -1.06 0.00	45.76 -1.13 0.00	37.73 -0.93 0.00	32.73 -0.60 0.00	28.42 -0.43 0.00	25.43 -0.28 0.00
OAKDALE___35_KV_LOAD 356122	24.92 0.58 0.00	23.34 0.50 0.00	22.39 0.52 0.00	21.89 0.49 0.00	22.79 0.49 0.00	26.85 0.58 0.00	38.95 1.17 0.00	47.26 1.42 0.00	40.02 1.13 0.00	31.47 0.98 0.00	29.81 1.04 0.00	29.18 0.99 0.00	29.23 0.91 0.00	30.18 0.82 0.00	32.98 0.87 0.00	36.56 0.89 0.00	41.12 1.08 0.00	52.95 1.14 0.00	57.27 1.40 0.00	48.20 1.31 0.00	39.51 0.85 0.00	34.30 0.97 0.00	29.78 0.92 0.00	26.67 0.95 0.00
OCC_CHEM___DRP 24175	23.34 -1.00 0.00	21.92 -0.91 0.00	21.28 -0.59 0.00	20.86 -0.53 0.00	21.59 -0.71 0.00	25.46 -0.81 0.00	36.68 -1.10 0.00	44.24 -1.60 0.00	37.18 -1.71 0.00	29.52 -0.98 0.00	28.14 -0.63 0.00	27.49 -0.70 0.00	27.53 -0.79 0.00	28.24 -1.12 0.00	30.70 -1.41 0.00	33.89 -1.78 0.00	38.12 -1.92 0.00	47.72 -4.09 0.00	51.74 -4.13 0.00	43.61 -3.28 0.00	35.80 -2.86 0.00	31.67 -1.67 0.00	27.76 -1.10 0.00	25.05 -0.67 0.00
OH_GEN_PROXY 24063	23.85 -0.49 0.00	22.08 -0.75 0.00	21.45 -0.42 0.00	21.07 -0.32 0.00	21.79 -0.51 0.00	25.83 -0.45 0.00	37.14 -0.64 0.00	44.83 -1.01 0.00	38.16 -0.82 -0.08	29.95 -0.46 0.08	28.37 -0.40 0.00	27.71 -0.48 0.00	27.87 -0.45 0.00	28.48 -0.88 0.00	30.99 -1.12 0.00	32.76 -1.39 1.52	40.04 -1.52 -1.52	48.39 -3.42 0.00	53.03 -2.85 0.00	44.22 -2.67 0.00	36.57 -2.09 0.00	32.00 -1.33 0.00	27.99 -0.86 0.00	25.28 -0.44 0.00
OLIN_CORP_DRP 24177	23.34 -1.00 0.00	21.90 -0.94 0.00	21.28 -0.59 0.00	20.86 -0.53 0.00	21.59 -0.71 0.00	25.46 -0.81 0.00	36.72 -1.06 0.00	44.28 -1.56 0.00	37.22 -1.67 0.00	29.55 -0.95 0.00	28.17 -0.60 0.00	27.52 -0.68 0.00	27.56 -0.76 0.00	28.30 -1.06 0.00	30.76 -1.35 0.00	33.92 -1.75 0.00	38.20 -1.84 0.00	47.83 -3.99 0.00	51.91 -3.97 0.00	43.75 -3.14 0.00	35.88 -2.78 0.00	31.70 -1.63 0.00	27.76 -1.10 0.00	25.05 -0.67 0.00
OLIN_CORP_DSASP 323712	23.68 -0.66 0.00	21.92 -0.91 0.00	21.34 -0.53 0.00	20.97 -0.43 0.00	21.66 -0.65 0.00	25.67 -0.60 0.00	36.87 -0.91 0.00	44.47 -1.37 0.00	37.76 -1.13 0.00	29.82 -0.67 0.00	28.17 -0.61 0.00	27.52 -0.68 0.00	27.67 -0.65 0.00	28.27 -1.09 0.00	30.76 -1.35 0.00	33.99 -1.68 0.00	38.20 -1.84 0.00	47.83 -3.99 0.00	52.41 -3.46 0.00	43.70 -3.19 0.00	36.19 -2.48 0.00	31.70 -1.63 0.00	27.76 -1.10 0.00	25.10 -0.62 0.00
ONEIDA_HERK_LFGE 323681	24.58 0.24 0.00	23.06 0.23 0.00	22.11 0.24 0.00	21.65 0.26 0.00	22.64 0.34 0.00	26.75 0.47 0.00	38.72 0.94 0.00	47.12 1.28 0.00	39.67 0.78 0.00	31.04 0.55 0.00	29.14 0.37 0.00	28.59 0.39 0.00	28.61 0.28 0.00	29.59 0.23 0.00	32.46 0.35 0.00	36.10 0.43 0.00	40.68 0.64 0.00	53.00 0.78 -0.41	57.08 1.01 -0.19	47.63 0.70 -0.04	39.16 0.50 0.00	33.90 0.57 0.00	29.23 0.37 0.00	26.00 0.28 0.00
ONEIDA___115KV_TB4 55905	24.75 0.41 0.00	23.20 0.37 0.00	22.22 0.35 0.00	21.76 0.36 0.00	22.71 0.40 0.00	26.83 0.55 0.00	38.84 1.06 0.00	47.26 1.42 0.00	39.79 0.89 0.00	31.16 0.67 0.00	29.26 0.49 0.00	28.64 0.45 0.00	28.66 0.34 0.00	29.65 0.29 0.00	32.53 0.42 0.00	36.17 0.50 0.00	40.68 0.64 0.00	53.28 0.88 -0.59	57.28 1.12 -0.28	47.88 0.94 -0.05	39.32 0.66 0.00	34.07 0.73 0.00	29.43 0.58 0.00	26.18 0.46 0.00
ONONDAGA_REF_OCCRA 23987	24.00 -0.34 0.00	22.47 -0.37 0.00	21.54 -0.33 0.00	21.09 -0.30 0.00	21.97 -0.33 0.00	25.93 -0.34 0.00	37.36 -0.42 0.00	45.38 -0.46 0.00	38.39 -0.51 0.00	30.09 -0.40 0.00	28.34 -0.43 0.00	27.74 -0.45 0.00	27.87 -0.45 0.00	28.83 -0.53 0.00	31.53 -0.58 0.00	35.10 -0.57 0.00	39.40 -0.64 0.00	52.14 -0.93 -1.26	55.64 -0.84 -0.60	46.30 -0.70 -0.12	38.08 -0.58 0.00	32.90 -0.43 0.00	28.51 -0.35 0.00	25.33 -0.39 0.00
ONONDAGA___COGEN 23986	24.02 -0.32 0.00	22.52 -0.32 0.00	21.58 -0.28 0.00	21.14 -0.26 0.00	22.01 -0.29 0.00	25.99 -0.29 0.00	37.40 -0.38 0.00	45.43 -0.41 0.00	38.42 -0.47 0.00	30.16 -0.34 0.00	28.40 -0.37 0.00	27.77 -0.42 0.00	27.93 -0.40 0.00	28.89 -0.47 0.00	31.56 -0.55 0.00	35.17 -0.50 0.00	39.48 -0.56 0.00	52.75 -0.88 -1.82	55.97 -0.78 -0.87	46.40 -0.66 -0.17	38.08 -0.58 0.00	32.93 -0.40 0.00	28.54 -0.32 0.00	25.38 -0.33 0.00
ONTARIO___LFGE 23819	24.53 0.19 0.00	22.86 0.02 0.00	22.00 0.13 0.00	21.56 0.17 0.00	22.42 0.11 0.00	26.56 0.29 0.00	38.46 0.68 0.00	46.76 0.92 0.00	39.71 0.82 0.00	31.07 0.58 0.00	29.20 0.43 0.00	28.53 0.34 0.00	28.67 0.34 0.00	29.50 0.15 0.00	32.24 0.13 0.00	35.92 0.25 0.00	40.24 0.20 0.00	52.17 -0.15 -0.51	56.68 0.56 -0.24	47.17 0.24 -0.05	38.66 0.00 0.00	33.60 0.27 0.00	29.12 0.26 0.00	25.97 0.26 0.00
ORANGEVILLE_WT_PWR 323706	24.36 0.02 0.00	22.63 -0.21 0.00	21.93 0.07 0.00	21.55 0.15 0.00	22.33 0.02 0.00	26.46 0.19 0.00	38.23 0.45 0.00	46.35 0.51 0.00	39.36 0.47 0.00	30.95 0.46 0.00	29.26 0.49 0.00	28.62 0.42 0.00	28.75 0.43 0.00	29.45 0.09 0.00	32.11 0.00 0.00	35.53 -0.14 0.00	40.00 -0.04 0.00	50.57 -1.24 0.00	55.32 -0.56 0.00	46.00 -0.89 0.00	37.81 -0.85 0.00	32.87 -0.47 0.00	28.57 -0.29 0.00	25.72 0.00 0.00
ORANGEVILLE___ESR 323794	24.36 0.02 0.00	22.63 -0.21 0.00	21.93 0.07 0.00	21.55 0.15 0.00	22.33 0.02 0.00	26.46 0.19 0.00	38.23 0.45 0.00	46.35 0.51 0.00	39.36 0.47 0.00	30.95 0.46 0.00	29.26 0.49 0.00	28.62 0.42 0.00	28.75 0.43 0.00	29.45 0.09 0.00	32.11 0.00 0.00	35.53 -0.14 0.00	40.00 -0.04 0.00	50.57 -1.24 0.00	55.32 -0.56 0.00	46.00 -0.89 0.00	37.81 -0.85 0.00	32.87 -0.47 0.00	28.57 -0.29 0.00	25.72 0.00 0.00
OSWEGATCHIE___HYD 24044	24.32 -0.02 0.00	22.97 0.14 0.00	22.02 0.15 0.00	21.59 0.19 0.00	22.57 0.27 0.00	26.64 0.37 0.00	38.46 0.68 0.00	46.67 0.83 0.00	39.20 0.31 0.00	30.64 0.15 0.00	28.80 0.03 0.00	28.25 0.06 0.00	28.24 -0.08 0.00	29.24 -0.12 0.00	32.08 -0.03 0.00	35.53 -0.14 0.00	40.20 0.16 0.00	52.35 -0.05 -0.59	55.71 -0.45 -0.28	46.71 -0.23 -0.05	38.47 -0.19 0.00	33.33 0.00 0.00	28.77 -0.09 0.00	25.54 -0.18 0.00
OSWEGO___5 23606	23.68 -0.66 0.00	22.17 -0.66 0.00	21.30 -0.57 0.00	20.84 -0.56 0.00	21.70 -0.60 0.00	25.59 -0.68 0.00	36.83 -0.94 0.00	44.74 -1.10 0.00	37.92 -0.97 0.00	29.73 -0.76 0.00	28.00 -0.78 0.00	27.40 -0.79 0.00	27.56 -0.76 0.00	28.50 -0.85 0.00	31.18 -0.93 0.00	34.67 -1.00 0.00	38.92 -1.12 0.00	56.99 -1.55 -6.73	57.65 -1.45 -3.22	46.20 -1.31 -0.63	37.58 -1.08 0.00	32.47 -0.87 0.00	28.11 -0.75 0.00	25.02 -0.69 0.00



OSWEGO___6 23613	23.68 -0.66 0.00	22.17 -0.66 0.00	21.30 -0.57 0.00	20.84 -0.56 0.00	21.70 -0.60 0.00	25.59 -0.68 0.00	36.83 -0.94 0.00	44.74 -1.10 0.00	37.92 -0.97 0.00	29.73 -0.76 0.00	28.00 -0.78 0.00	27.40 -0.79 0.00	27.56 -0.76 0.00	28.50 -0.85 0.00	31.18 -0.93 0.00	34.67 -1.00 0.00	38.92 -1.12 0.00	56.99 -1.55 -6.73	57.65 -1.45 -3.22	46.20 -1.31 -0.63	37.58 -1.08 0.00	32.47 -0.87 0.00	28.11 -0.75 0.00	25.02 -0.69 0.00
OUTOKUMPU-AB___DRP 24206	23.88 -0.46 0.00	22.42 -0.41 0.00	21.78 -0.09 0.00	21.35 -0.04 0.00	22.10 -0.20 0.00	26.09 -0.18 0.00	37.66 -0.11 0.00	45.57 -0.28 0.00	38.15 -0.74 0.00	30.28 -0.21 0.00	28.86 0.09 0.00	28.19 0.00 0.00	28.24 -0.08 0.00	29.03 -0.32 0.00	31.60 -0.51 0.00	34.81 -0.86 0.00	39.24 -0.80 0.00	49.12 -2.69 0.00	53.31 -2.57 0.00	44.87 -2.02 0.00	36.85 -1.82 0.00	32.50 -0.83 0.00	28.45 -0.40 0.00	25.64 -0.08 0.00
OXBOW___BTM 323836	24.00 -0.34 0.00	22.22 -0.62 0.00	21.63 -0.24 0.00	21.25 -0.15 0.00	21.95 -0.36 0.00	26.04 -0.24 0.00	37.44 -0.34 0.00	45.29 -0.55 0.00	38.38 -0.51 0.00	30.25 -0.24 0.00	28.57 -0.20 0.00	27.91 -0.28 0.00	28.07 -0.26 0.00	28.74 -0.62 0.00	31.31 -0.80 0.00	34.53 -1.14 0.00	38.88 -1.16 0.00	48.71 -3.11 0.00	53.36 -2.51 0.00	44.40 -2.49 0.00	36.77 -1.89 0.00	32.17 -1.17 0.00	28.16 -0.69 0.00	25.43 -0.28 0.00
OXBOW____ 24026	23.66 -0.68 0.00	22.20 -0.64 0.00	21.58 -0.28 0.00	21.14 -0.26 0.00	21.88 -0.42 0.00	25.83 -0.45 0.00	37.25 -0.53 0.00	45.02 -0.83 0.00	37.76 -1.13 0.00	29.97 -0.52 0.00	28.54 -0.23 0.00	27.91 -0.28 0.00	27.96 -0.37 0.00	28.71 -0.65 0.00	31.24 -0.87 0.00	34.42 -1.25 0.00	38.76 -1.28 0.00	48.55 -3.26 0.00	52.64 -3.24 0.00	44.36 -2.53 0.00	36.38 -2.28 0.00	32.13 -1.20 0.00	28.16 -0.69 0.00	25.38 -0.33 0.00
OXY_CHEM_DSASP 323612	23.34 -1.00 0.00	21.92 -0.91 0.00	21.28 -0.59 0.00	20.86 -0.53 0.00	21.59 -0.71 0.00	25.46 -0.81 0.00	36.68 -1.10 0.00	44.24 -1.60 0.00	37.18 -1.71 0.00	29.52 -0.98 0.00	28.14 -0.63 0.00	27.49 -0.70 0.00	27.53 -0.79 0.00	28.24 -1.12 0.00	30.70 -1.41 0.00	33.89 -1.78 0.00	38.12 -1.92 0.00	47.72 -4.09 0.00	51.74 -4.13 0.00	43.61 -3.28 0.00	35.80 -2.86 0.00	31.67 -1.67 0.00	27.76 -1.10 0.00	25.05 -0.67 0.00
OZONE_PARK_ESR 323760	26.12 1.78 0.00	24.27 1.44 0.00	23.20 1.33 0.00	22.61 1.22 0.00	23.60 1.29 0.00	27.69 1.42 0.00	39.82 2.04 0.00	48.59 2.75 0.00	41.65 2.76 0.00	32.84 2.35 0.00	31.16 2.39 0.00	30.70 2.51 0.00	30.90 2.58 0.00	32.12 2.76 0.00	35.10 2.99 0.00	38.92 3.25 0.00	43.20 3.16 0.00	56.37 4.56 0.00	61.07 5.20 0.00	50.92 4.03 0.00	41.87 3.21 0.00	35.97 2.63 0.00	31.11 2.25 0.00	27.90 2.19 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	23.34 -1.00 0.00	21.92 -0.91 0.00	21.28 -0.59 0.00	20.86 -0.53 0.00	21.59 -0.71 0.00	25.46 -0.81 0.00	36.68 -1.10 0.00	44.24 -1.60 0.00	37.18 -1.71 0.00	29.52 -0.98 0.00	28.14 -0.63 0.00	27.49 -0.70 0.00	27.53 -0.79 0.00	28.24 -1.12 0.00	30.70 -1.41 0.00	33.89 -1.78 0.00	38.12 -1.92 0.00	47.72 -4.09 0.00	51.74 -4.13 0.00	43.61 -3.28 0.00	35.80 -2.86 0.00	31.67 -1.67 0.00	27.76 -1.10 0.00	25.05 -0.67 0.00
PACKARD__115KV_DUPONT_184 80571	23.34 -1.00 0.00	21.92 -0.91 0.00	21.28 -0.59 0.00	20.86 -0.53 0.00	21.59 -0.71 0.00	25.46 -0.81 0.00	36.68 -1.10 0.00	44.24 -1.60 0.00	37.18 -1.71 0.00	29.52 -0.98 0.00	28.14 -0.63 0.00	27.49 -0.70 0.00	27.53 -0.79 0.00	28.24 -1.12 0.00	30.70 -1.41 0.00	33.89 -1.78 0.00	38.12 -1.92 0.00	47.72 -4.09 0.00	51.74 -4.13 0.00	43.61 -3.28 0.00	35.80 -2.86 0.00	31.67 -1.67 0.00	27.76 -1.10 0.00	25.05 -0.67 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	26.12 1.78 -0.01	24.30 1.46 0.00	23.22 1.36 0.00	22.64 1.24 -0.01	23.65 1.34 -0.01	27.59 1.31 0.00	39.40 1.62 0.00	47.67 1.83 0.00	40.99 2.10 0.00	32.41 1.92 0.00	30.73 1.96 0.00	30.31 2.11 0.00	30.53 2.21 0.00	31.71 2.35 0.00	34.68 2.57 0.00	38.35 2.68 0.00	42.48 2.44 0.00	55.39 3.58 0.00	60.01 4.13 0.00	49.94 3.05 0.00	41.14 2.47 0.00	35.53 2.20 0.00	30.90 2.05 0.00	27.88 2.16 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	26.29 1.95 -0.01	24.48 1.64 0.00	23.40 1.53 0.00	22.81 1.41 -0.01	23.81 1.49 -0.01	27.77 1.50 0.00	39.67 1.89 0.00	47.99 2.15 0.00	41.26 2.37 0.00	32.63 2.13 0.00	30.90 2.13 0.00	30.48 2.28 0.00	30.70 2.38 0.00	31.85 2.50 0.00	34.87 2.76 0.00	38.60 2.93 0.00	42.64 2.60 0.00	55.86 4.04 0.00	60.40 4.53 0.00	50.22 3.33 0.00	41.37 2.71 0.00	35.73 2.40 0.00	31.08 2.22 0.00	28.06 2.34 0.00
PATROON__115KV_TB1 80586	25.00 0.66 0.00	23.41 0.57 0.00	22.35 0.48 0.00	21.82 0.43 0.00	22.77 0.47 0.00	26.88 0.60 0.00	38.61 0.83 0.00	46.85 1.01 0.00	39.94 1.05 0.00	31.16 0.67 0.00	29.38 0.60 0.00	28.84 0.65 0.00	29.12 0.79 0.00	30.30 0.94 0.00	33.11 1.00 0.00	36.85 1.18 0.00	41.44 1.40 0.00	53.99 2.18 0.00	58.39 2.51 0.00	48.91 2.02 0.00	40.29 1.62 0.00	34.47 1.13 0.00	29.89 1.04 0.00	26.64 0.93 0.00
PATTRSNVILLE___SOLAR 323815	25.53 1.19 0.00	23.95 1.12 0.00	22.87 1.01 0.00	22.36 0.96 0.00	23.33 1.03 0.00	27.54 1.26 0.00	39.67 1.89 0.00	48.09 2.25 0.00	40.72 1.83 0.00	31.68 1.19 0.00	29.75 0.98 0.00	29.15 0.96 0.00	29.37 1.05 0.00	30.50 1.14 0.00	33.49 1.38 0.00	37.45 1.78 0.00	42.32 2.28 0.00	55.18 3.37 0.00	60.01 4.13 0.00	50.03 3.14 0.00	41.17 2.51 0.00	35.33 2.00 0.00	30.50 1.64 0.00	27.15 1.44 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	24.27 -0.07 0.00	22.77 -0.07 0.00	22.09 0.22 0.00	21.63 0.24 0.00	22.39 0.09 0.00	26.46 0.18 0.00	38.38 0.60 0.00	46.48 0.64 0.00	39.09 0.19 0.00	30.98 0.49 0.00	29.52 0.75 0.00	28.81 0.62 0.00	28.83 0.51 0.00	29.68 0.32 0.00	32.34 0.22 0.00	35.64 -0.04 0.00	40.20 0.16 0.00	50.57 -1.24 0.00	54.82 -1.06 0.00	46.14 -0.75 0.00	37.62 -1.04 0.00	33.10 -0.23 0.00	28.91 0.06 0.00	26.08 0.36 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	25.92 1.58 0.00	24.18 1.35 0.00	23.09 1.22 0.00	22.53 1.13 0.00	23.51 1.20 0.00	27.59 1.31 0.00	39.86 2.08 0.00	48.45 2.61 0.00	41.57 2.68 0.00	32.56 2.07 0.00	30.90 2.13 0.00	30.39 2.20 0.00	30.59 2.27 0.00	31.76 2.41 0.00	34.84 2.73 0.00	38.60 2.93 0.00	43.04 3.00 0.00	56.22 4.40 0.00	60.74 4.86 0.00	50.69 3.80 0.00	41.64 2.98 0.00	35.70 2.37 0.00	30.88 2.02 0.00	27.64 1.93 0.00
PEEKSKILL____ 23653	25.70 1.36 0.00	24.05 1.21 0.00	22.92 1.05 0.00	22.36 0.96 0.00	23.37 1.07 0.00	27.43 1.15 0.00	39.44 1.66 0.00	48.00 2.15 0.00	40.95 2.06 0.00	32.20 1.71 0.00	30.61 1.84 0.00	30.11 1.92 0.00	30.28 1.95 0.00	31.47 2.11 0.00	34.39 2.28 0.00	38.20 2.53 0.00	42.48 2.44 0.00	55.55 3.73 0.00	60.46 4.58 0.00	50.17 3.28 0.00	41.29 2.63 0.00	35.47 2.14 0.00	30.62 1.76 0.00	27.46 1.75 0.00



PGE MADISON___WINDPWR 24146	26.09 1.75 0.00	24.43 1.60 0.00	23.38 1.51 0.00	22.94 1.54 0.00	23.95 1.65 0.00	28.35 2.08 0.00	41.59 3.81 0.00	50.70 4.86 0.00	42.27 3.38 0.00	32.99 2.50 0.00	30.67 1.90 0.00	29.86 1.66 0.00	29.63 1.30 0.00	30.50 1.14 0.00	33.59 1.48 0.00	37.52 1.85 0.00	42.56 2.52 0.00	55.79 3.53 -0.45	60.62 4.52 -0.21	50.54 3.61 -0.04	41.33 2.67 0.00	35.97 2.63 0.00	30.93 2.08 0.00	27.41 1.70 0.00
PIERCEFIELD___HYD 23852	24.46 0.12 0.00	23.22 0.39 0.00	22.22 0.35 0.00	21.78 0.39 0.00	22.75 0.45 0.00	26.77 0.50 0.00	38.57 0.79 0.00	46.85 1.01 0.00	39.44 0.54 0.00	30.86 0.37 0.00	29.06 0.29 0.00	28.42 0.23 0.00	28.41 0.08 0.00	29.47 0.12 0.00	32.30 0.19 0.00	35.85 0.18 0.00	40.48 0.44 0.00	52.39 0.26 -0.32	55.92 -0.11 -0.15	46.83 -0.09 -0.03	38.82 0.15 0.00	33.43 0.10 0.00	28.77 -0.09 0.00	25.51 -0.21 0.00
PINELAWN_CC_1 323563	25.90 1.56 0.00	24.28 1.44 0.00	23.09 1.22 0.00	22.40 1.01 0.00	23.53 1.23 0.00	27.72 1.44 0.00	37.83 1.17 1.12	39.74 1.56 7.66	35.28 1.63 5.25	30.18 1.37 1.69	29.37 1.55 0.95	29.74 1.72 0.17	29.36 1.70 0.67	31.20 2.02 0.18	31.58 2.12 2.65	34.51 2.28 3.44	39.42 2.32 2.94	53.43 3.57 1.95	58.50 4.41 1.79	49.69 3.14 0.34	39.29 2.48 1.85	34.93 1.90 0.30	30.34 1.50 0.01	27.96 2.24 -0.01
PJM_GEN_HTP_PROXY 323702	25.85 1.51 0.00	24.18 1.35 0.00	23.05 1.18 0.00	22.49 1.09 0.00	23.49 1.18 0.00	27.56 1.29 0.00	39.59 1.81 0.00	48.27 2.43 0.00	41.31 2.33 -0.08	32.42 2.01 0.08	30.90 2.13 0.00	30.45 2.26 0.00	30.59 2.27 0.00	31.82 2.47 0.00	34.77 2.66 0.00	37.08 2.93 1.52	44.36 2.80 -1.52	56.06 4.25 0.00	61.02 5.14 0.00	50.50 3.61 0.00	41.60 2.94 0.00	35.70 2.37 0.00	30.79 1.93 0.00	27.62 1.90 0.00
PJM_GEN_KEystone 24065	24.90 0.56 0.00	23.20 0.36 0.00	22.26 0.39 0.00	21.80 0.41 0.00	22.68 0.38 0.00	26.72 0.45 0.00	38.41 0.76 0.12	46.58 0.92 0.18	39.65 0.90 0.14	31.20 0.79 0.08	29.69 0.92 0.00	29.09 0.90 0.00	29.23 0.91 0.00	30.12 0.76 0.00	32.85 0.74 0.00	34.90 0.75 1.52	42.28 0.72 -1.52	52.49 0.67 0.00	57.33 1.45 0.00	47.69 0.80 0.00	39.24 0.58 0.00	34.00 0.67 0.00	29.52 0.66 0.00	26.51 0.80 0.00
PJM_GEN_NEPTUNE_PROXY 323594	25.73 1.39 0.00	24.07 1.23 0.00	22.92 1.05 0.00	22.29 0.90 0.00	23.35 1.05 0.00	27.48 1.21 0.00	37.52 1.10 1.35	38.01 1.51 9.34	34.16 1.56 6.29	29.76 1.40 2.13	29.17 1.55 1.16	29.71 1.72 0.20	29.24 1.73 0.81	31.08 1.94 0.21	30.95 2.06 3.21	32.25 2.21 5.64	40.24 2.08 1.88	52.87 3.32 2.26	57.94 4.13 2.07	49.36 2.86 0.39	38.77 2.24 2.13	34.75 1.77 0.35	30.25 1.41 0.02	27.62 1.90 -0.01
PJM_GEN_VFT_PROXY 323633	25.73 1.39 0.00	24.09 1.26 0.00	22.96 1.09 0.00	22.38 0.98 0.00	23.40 1.09 0.00	27.43 1.15 0.00	37.61 1.59 1.76	45.38 2.11 2.57	37.98 2.14 3.05	32.33 1.92 0.08	30.84 2.07 0.00	30.42 2.23 0.00	30.56 2.24 0.00	31.79 2.44 0.00	34.71 2.60 0.00	36.97 2.82 1.52	44.13 2.56 -1.52	55.75 3.94 0.00	60.74 4.86 0.00	50.27 3.38 0.00	41.41 2.75 0.00	35.60 2.27 0.00	30.70 1.85 0.00	27.54 1.83 0.00
PLATSBURG_115KV_PMLD1 355749	24.80 0.46 0.00	23.70 0.87 0.00	22.66 0.79 0.00	22.25 0.86 0.00	23.22 0.91 0.00	27.38 1.10 0.00	38.61 0.83 0.00	46.39 0.55 0.00	39.20 0.31 0.00	31.07 0.58 0.00	29.38 0.60 0.00	28.70 0.51 0.00	28.72 0.40 0.00	29.83 0.47 0.00	32.66 0.55 0.00	36.21 0.54 0.00	40.40 0.36 0.00	52.13 0.31 0.00	55.54 -0.34 0.00	46.37 -0.52 0.00	38.62 -0.04 0.00	33.67 0.33 0.00	28.86 0.00 0.00	25.46 -0.26 0.00
PLEASANTVLY___LBMP 24000	25.61 1.27 0.00	23.89 1.05 0.00	22.83 0.96 0.00	22.27 0.88 0.00	23.24 0.94 0.00	27.30 1.02 0.00	39.25 1.47 0.00	47.81 1.97 0.00	40.87 1.98 0.00	32.08 1.59 0.00	30.35 1.58 0.00	29.88 1.69 0.00	30.08 1.76 0.00	31.27 1.91 0.00	34.20 2.09 0.00	37.88 2.21 0.00	42.32 2.28 0.00	55.18 3.37 0.00	59.73 3.86 0.00	49.89 3.00 0.00	41.06 2.40 0.00	35.23 1.90 0.00	30.53 1.67 0.00	27.36 1.65 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	25.78 1.44 0.00	24.02 1.19 0.00	22.94 1.07 0.00	22.38 0.98 0.00	23.35 1.05 0.00	27.43 1.16 0.00	39.44 1.66 0.00	48.09 2.25 0.00	41.19 2.29 0.00	32.35 1.86 0.00	30.67 1.90 0.00	30.17 1.97 0.00	30.39 2.07 0.00	31.56 2.20 0.00	34.52 2.41 0.00	38.27 2.60 0.00	42.64 2.60 0.00	55.60 3.78 0.00	60.24 4.36 0.00	50.27 3.38 0.00	41.33 2.67 0.00	35.47 2.13 0.00	30.70 1.85 0.00	27.54 1.83 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	25.78 1.44 0.00	24.02 1.19 0.00	22.94 1.07 0.00	22.38 0.98 0.00	23.35 1.05 0.00	27.43 1.16 0.00	39.44 1.66 0.00	48.09 2.25 0.00	41.19 2.29 0.00	32.35 1.86 0.00	30.67 1.90 0.00	30.17 1.97 0.00	30.39 2.07 0.00	31.56 2.20 0.00	34.52 2.41 0.00	38.27 2.60 0.00	42.64 2.60 0.00	55.60 3.78 0.00	60.24 4.36 0.00	50.27 3.38 0.00	41.33 2.67 0.00	35.47 2.13 0.00	30.70 1.85 0.00	27.54 1.83 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	25.70 1.36 0.00	23.98 1.14 0.00	22.92 1.05 0.00	22.36 0.96 0.00	23.35 1.05 0.00	27.41 1.13 0.00	39.52 1.74 0.00	48.09 2.25 0.00	41.11 2.22 0.00	32.20 1.71 0.00	30.47 1.70 0.00	29.97 1.78 0.00	30.16 1.84 0.00	31.35 2.00 0.00	34.33 2.22 0.00	38.10 2.43 0.00	42.56 2.52 0.00	55.60 3.78 0.00	60.12 4.25 0.00	50.27 3.38 0.00	41.29 2.63 0.00	35.40 2.07 0.00	30.65 1.79 0.00	27.44 1.72 0.00
POLETTI___ 23519	25.87 1.53 0.00	24.11 1.28 0.00	23.05 1.18 0.00	22.46 1.07 0.00	23.44 1.14 0.00	27.48 1.21 0.00	39.52 1.74 0.00	48.18 2.34 0.00	41.30 2.41 0.00	32.56 2.07 0.00	30.90 2.13 0.00	30.45 2.26 0.00	30.65 2.32 0.00	31.82 2.47 0.00	34.81 2.70 0.00	38.56 2.89 0.00	42.80 2.76 0.00	55.86 4.04 0.00	60.46 4.58 0.00	50.41 3.52 0.00	41.45 2.78 0.00	35.63 2.30 0.00	30.85 1.99 0.00	27.70 1.98 0.00
POMONA___ESR 323819	25.60 1.26 0.00	23.95 1.12 0.00	22.83 0.96 0.00	22.29 0.90 0.00	23.28 0.98 0.00	27.33 1.05 0.00	39.36 1.59 0.00	47.81 1.97 0.00	40.72 1.83 0.00	32.05 1.55 0.00	30.47 1.70 0.00	29.94 1.75 0.00	30.11 1.79 0.00	31.24 1.88 0.00	34.13 2.02 0.00	37.92 2.25 0.00	42.20 2.16 0.00	55.18 3.37 0.00	60.07 4.19 0.00	49.89 3.00 0.00	41.02 2.36 0.00	35.33 2.00 0.00	30.53 1.67 0.00	27.36 1.65 0.00
PORT_JEFF_3 23555	25.73 1.39 0.00	24.11 1.28 0.00	22.96 1.09 0.00	22.23 0.83 0.00	23.37 1.07 0.00	27.64 1.37 0.00	37.18 0.64 1.24	38.20 0.92 8.55	34.20 1.17 5.85	29.58 0.98 1.88	28.89 1.18 1.06	29.36 1.35 0.19	28.91 1.33 0.74	30.89 1.73 0.20	30.83 1.67 2.95	33.64 1.78 3.81	38.64 1.80 3.20	52.54 2.85 2.12	57.56 3.63 1.95	49.05 2.53 0.37	38.66 2.01 2.01	34.70 1.70 0.33	30.31 1.47 0.02	28.12 2.39 -0.01



PORT_JEFF_4 23616	25.73 1.39 0.00	24.11 1.28 0.00	22.96 1.09 0.00	22.23 0.83 0.00	23.37 1.07 0.00	27.64 1.37 0.00	37.18 0.64 1.24	38.20 0.92 8.55	34.20 1.17 5.85	29.58 0.98 1.88	28.89 1.18 1.06	29.36 1.35 0.19	28.91 1.33 0.74	30.89 1.73 0.20	30.83 1.67 2.95	33.64 1.78 3.81	38.64 1.80 3.20	52.54 2.85 2.12	57.56 3.63 1.95	49.05 2.53 0.37	38.66 2.01 2.01	34.70 1.70 0.33	30.31 1.47 0.02	28.12 2.39 -0.01
PORT_JEFF_IC 23713	25.87 1.53 0.00	24.00 1.16 0.00	22.87 1.01 0.00	22.25 0.86 0.00	23.29 0.98 0.00	27.62 1.34 0.00	37.19 0.64 1.23	38.28 0.96 8.52	34.27 1.21 5.83	29.63 1.01 1.87	28.84 1.12 1.05	29.34 1.33 0.18	28.92 1.33 0.73	30.81 1.64 0.19	31.10 1.93 2.94	33.66 1.78 3.79	38.78 1.92 3.19	52.50 2.80 2.11	57.24 3.30 1.93	49.01 2.49 0.36	38.68 2.01 2.00	34.68 1.67 0.32	30.44 1.59 0.01	28.39 2.67 0.00
PPL_PILGRIM_ST_GT1 24216	25.95 1.61 0.00	24.32 1.48 0.00	23.16 1.29 0.00	22.44 1.05 0.00	23.57 1.27 0.00	27.83 1.55 0.00	37.76 1.21 1.22	39.07 1.65 8.42	34.80 1.67 5.76	29.98 1.34 1.85	29.22 1.50 1.05	29.67 1.66 0.18	29.26 1.67 0.73	31.19 2.02 0.20	31.29 2.09 2.91	34.20 2.28 3.75	39.24 2.36 3.16	52.82 3.11 2.10	57.87 3.91 1.92	49.29 2.77 0.37	39.04 2.36 1.98	34.91 1.90 0.32	30.34 1.50 0.02	28.12 2.39 -0.01
PPL_PILGRIM_ST_GT2 24217	25.95 1.61 0.00	24.32 1.48 0.00	23.16 1.29 0.00	22.44 1.05 0.00	23.57 1.27 0.00	27.83 1.55 0.00	37.76 1.21 1.22	39.07 1.65 8.42	34.80 1.67 5.76	29.98 1.34 1.85	29.22 1.50 1.05	29.67 1.66 0.18	29.26 1.67 0.73	31.19 2.02 0.20	31.29 2.09 2.91	34.20 2.28 3.75	39.24 2.36 3.16	52.82 3.11 2.10	57.87 3.91 1.92	49.29 2.77 0.37	39.04 2.36 1.98	34.91 1.90 0.32	30.34 1.50 0.02	28.12 2.39 -0.01
PPL_SHRM_GT3 24213	25.29 0.95 0.00	23.75 0.91 0.00	22.59 0.72 0.00	21.84 0.45 0.00	22.97 0.67 0.00	27.46 1.18 0.00	37.59 1.06 1.24	38.72 1.42 8.54	34.37 1.32 5.85	28.94 0.34 1.88	28.31 0.61 1.06	28.82 0.82 0.19	28.35 0.77 0.74	30.98 1.82 0.20	31.02 1.86 2.95	34.11 2.25 3.81	39.28 2.44 3.20	53.58 3.89 2.12	58.85 4.92 1.94	50.18 3.66 0.37	39.36 2.71 2.01	34.87 1.87 0.33	30.37 1.53 0.02	28.17 2.44 -0.01
PPL_SHRM_GT4 24214	25.29 0.95 0.00	23.75 0.91 0.00	22.59 0.72 0.00	21.84 0.45 0.00	22.97 0.67 0.00	27.46 1.18 0.00	37.59 1.06 1.24	38.72 1.42 8.54	34.37 1.32 5.85	28.94 0.34 1.88	28.31 0.61 1.06	28.82 0.82 0.19	28.35 0.77 0.74	30.98 1.82 0.20	31.02 1.86 2.95	34.11 2.25 3.81	39.28 2.44 3.20	53.58 3.89 2.12	58.85 4.92 1.94	50.18 3.66 0.37	39.36 2.71 2.01	34.87 1.87 0.33	30.37 1.53 0.02	28.17 2.44 -0.01
PROJECT___ORANGE 1 24174	23.95 -0.39 0.00	22.42 -0.41 0.00	21.52 -0.35 0.00	21.05 -0.34 0.00	21.92 -0.38 0.00	25.88 -0.39 0.00	37.25 -0.53 0.00	45.24 -0.60 0.00	38.31 -0.58 0.00	30.03 -0.46 0.00	28.31 -0.46 0.00	27.71 -0.48 0.00	27.84 -0.48 0.00	28.80 -0.56 0.00	31.50 -0.61 0.00	35.06 -0.61 0.00	39.32 -0.72 0.00	51.77 -1.09 -1.04	55.37 -1.01 -0.50	46.14 -0.84 -0.10	37.97 -0.70 0.00	32.80 -0.53 0.00	28.42 -0.43 0.00	25.30 -0.41 0.00
PROJECT___ORANGE 2 24166	23.95 -0.39 0.00	22.42 -0.41 0.00	21.52 -0.35 0.00	21.05 -0.34 0.00	21.92 -0.38 0.00	25.88 -0.39 0.00	37.25 -0.53 0.00	45.24 -0.60 0.00	38.31 -0.58 0.00	30.03 -0.46 0.00	28.31 -0.46 0.00	27.71 -0.48 0.00	27.84 -0.48 0.00	28.80 -0.56 0.00	31.50 -0.61 0.00	35.06 -0.61 0.00	39.32 -0.72 0.00	51.77 -1.09 -1.04	55.37 -1.01 -0.50	46.14 -0.84 -0.10	37.97 -0.70 0.00	32.80 -0.53 0.00	28.42 -0.43 0.00	25.30 -0.41 0.00
PUCKETT___SOLAR 323809	25.39 1.05 0.00	23.70 0.87 0.00	22.70 0.83 0.00	22.25 0.86 0.00	23.20 0.89 0.00	27.35 1.08 0.00	39.74 1.96 0.00	48.27 2.43 0.00	40.80 1.91 0.00	31.86 1.37 0.00	29.95 1.18 0.00	29.24 1.04 0.00	29.29 0.96 0.00	30.15 0.79 0.00	33.01 0.90 0.00	36.81 1.14 0.00	41.52 1.48 0.00	53.73 1.92 0.00	58.67 2.79 0.00	49.00 2.11 0.00	40.25 1.59 0.00	34.87 1.53 0.00	30.18 1.33 0.00	26.95 1.23 0.00
PYRITES___HYD 24023	24.73 0.39 0.00	23.48 0.64 0.00	22.46 0.59 0.00	22.01 0.62 0.00	23.00 0.69 0.00	27.09 0.81 0.00	39.18 1.40 0.00	47.58 1.74 0.00	39.94 1.05 0.00	31.22 0.73 0.00	29.32 0.55 0.00	28.62 0.42 0.00	28.58 0.25 0.00	29.65 0.29 0.00	32.53 0.42 0.00	36.06 0.39 0.00	40.76 0.72 0.00	52.83 0.73 -0.29	56.52 0.50 -0.14	47.34 0.42 -0.03	39.28 0.62 0.00	33.87 0.53 0.00	29.12 0.26 0.00	25.82 0.10 0.00
QUAKERRD_115KV_BK1 80622	23.34 -1.00 0.00	21.90 -0.94 0.00	21.10 -0.77 0.00	20.67 -0.73 0.00	21.50 -0.80 0.00	25.41 -0.87 0.00	36.61 -1.17 0.00	44.51 -1.33 0.00	37.49 -1.40 0.00	29.55 -0.95 0.00	27.91 -0.86 0.00	27.32 -0.87 0.00	27.42 -0.91 0.00	28.27 -1.09 0.00	30.86 -1.25 0.00	34.24 -1.43 0.00	38.52 -1.52 0.00	49.17 -2.64 0.00	53.31 -2.57 0.00	44.83 -2.06 0.00	36.81 -1.86 0.00	32.03 -1.30 0.00	27.82 -1.04 0.00	24.84 -0.87 0.00
QUEENSBRY_115KV_TB8 356137	25.39 1.05 0.00	23.82 0.98 0.00	22.72 0.85 0.00	22.19 0.79 0.00	23.15 0.85 0.00	27.38 1.10 0.00	39.52 1.74 0.00	47.95 2.11 0.00	40.87 1.98 0.00	31.77 1.28 0.00	29.84 1.06 0.00	29.26 1.07 0.00	29.60 1.27 0.00	30.68 1.32 0.00	33.59 1.48 0.00	37.56 1.89 0.00	42.48 2.44 0.00	55.49 3.68 0.00	60.12 4.25 0.00	50.27 3.38 0.00	41.33 2.67 0.00	35.27 1.93 0.00	30.41 1.56 0.00	27.03 1.31 0.00
RAMAPO___LBMP 323565	25.53 1.19 0.00	23.82 0.98 0.00	22.76 0.90 0.00	22.19 0.79 0.00	23.17 0.87 0.00	27.19 0.92 0.00	39.21 1.44 0.00	47.72 1.88 0.00	40.80 1.91 0.00	32.08 1.59 0.00	30.41 1.64 0.00	29.88 1.69 0.00	30.05 1.73 0.00	31.18 1.82 0.00	34.07 1.96 0.00	37.74 2.07 0.00	42.08 2.04 0.00	54.92 3.11 0.00	59.40 3.52 0.00	49.66 2.77 0.00	40.83 2.17 0.00	35.13 1.80 0.00	30.44 1.59 0.00	27.31 1.59 0.00
RANKINE____ 23646	24.10 -0.24 0.00	22.61 -0.23 0.00	21.96 0.09 0.00	21.50 0.11 0.00	22.28 -0.02 0.00	26.30 0.03 0.00	38.08 0.30 0.00	46.07 0.23 0.00	38.74 -0.16 0.00	30.70 0.21 0.00	29.29 0.52 0.00	28.59 0.39 0.00	28.64 0.31 0.00	29.45 0.09 0.00	32.05 -0.06 0.00	35.35 -0.32 0.00	39.84 -0.20 0.00	50.00 -1.81 0.00	54.20 -1.68 0.00	45.62 -1.27 0.00	37.27 -1.39 0.00	32.83 -0.50 0.00	28.68 -0.17 0.00	25.84 0.13 0.00
RAVENSWOOD_GT2_1 24244	25.90 1.56 0.00	24.11 1.28 0.00	23.05 1.18 0.00	22.46 1.07 0.00	23.46 1.16 0.00	27.51 1.23 0.00	39.52 1.74 0.00	48.13 2.29 0.00	41.30 2.41 0.00	32.56 2.07 0.00	30.87 2.10 0.00	30.42 2.23 0.00	30.65 2.32 0.00	31.82 2.47 0.00	34.78 2.67 0.00	38.52 2.85 0.00	42.80 2.76 0.00	55.86 4.04 0.00	60.46 4.58 0.00	50.41 3.52 0.00	41.45 2.78 0.00	35.63 2.30 0.00	30.85 1.99 0.00	27.70 1.98 0.00



RAVENSWOOD_GT2_2 24245	25.90 1.56 0.00	24.11 1.28 0.00	23.05 1.18 0.00	22.46 1.07 0.00	23.46 1.16 0.00	27.51 1.23 0.00	39.52 1.74 0.00	48.13 2.29 0.00	41.30 2.41 0.00	32.56 2.07 0.00	30.87 2.10 0.00	30.42 2.23 0.00	30.65 2.32 0.00	31.82 2.47 0.00	34.78 2.67 0.00	38.52 2.85 0.00	42.80 2.76 0.00	55.86 4.04 0.00	60.46 4.58 0.00	50.41 3.52 0.00	41.45 2.78 0.00	35.63 2.30 0.00	30.85 1.99 0.00	27.70 1.98 0.00
RAVENSWOOD_GT2_3 24246	25.92 1.58 0.00	24.14 1.30 0.00	23.07 1.20 0.00	22.49 1.09 0.00	23.46 1.16 0.00	27.54 1.26 0.00	39.52 1.74 0.00	48.18 2.34 0.00	41.34 2.45 0.00	32.59 2.10 0.00	30.90 2.13 0.00	30.45 2.26 0.00	30.65 2.32 0.00	31.82 2.47 0.00	34.81 2.70 0.00	38.56 2.89 0.00	42.80 2.76 0.00	55.86 4.04 0.00	60.52 4.64 0.00	50.41 3.52 0.00	41.49 2.82 0.00	35.63 2.30 0.00	30.88 2.02 0.00	27.72 2.01 0.00
RAVENSWOOD_GT2_4 24247	25.92 1.58 0.00	24.14 1.30 0.00	23.07 1.20 0.00	22.49 1.09 0.00	23.46 1.16 0.00	27.54 1.26 0.00	39.52 1.74 0.00	48.18 2.34 0.00	41.34 2.45 0.00	32.59 2.10 0.00	30.90 2.13 0.00	30.45 2.26 0.00	30.65 2.32 0.00	31.82 2.47 0.00	34.81 2.70 0.00	38.56 2.89 0.00	42.80 2.76 0.00	55.86 4.04 0.00	60.52 4.64 0.00	50.41 3.52 0.00	41.49 2.82 0.00	35.63 2.30 0.00	30.88 2.02 0.00	27.72 2.01 0.00
RAVENSWOOD_GT3_1 24248	25.90 1.56 0.00	24.11 1.28 0.00	23.05 1.18 0.00	22.49 1.09 0.00	23.46 1.16 0.00	27.51 1.23 0.00	39.52 1.74 0.00	48.18 2.34 0.00	41.30 2.41 0.00	32.56 2.07 0.00	30.87 2.10 0.00	30.45 2.26 0.00	30.65 2.32 0.00	31.82 2.47 0.00	34.81 2.70 0.00	38.56 2.89 0.00	42.80 2.76 0.00	55.86 4.04 0.00	60.46 4.58 0.00	50.41 3.52 0.00	41.45 2.78 0.00	35.63 2.30 0.00	30.85 1.99 0.00	27.70 1.98 0.00
RAVENSWOOD_GT3_2 24249	25.90 1.56 0.00	24.11 1.28 0.00	23.05 1.18 0.00	22.49 1.09 0.00	23.46 1.16 0.00	27.51 1.23 0.00	39.52 1.74 0.00	48.18 2.34 0.00	41.30 2.41 0.00	32.56 2.07 0.00	30.87 2.10 0.00	30.45 2.26 0.00	30.65 2.32 0.00	31.82 2.47 0.00	34.81 2.70 0.00	38.56 2.89 0.00	42.80 2.76 0.00	55.86 4.04 0.00	60.46 4.58 0.00	50.41 3.52 0.00	41.45 2.78 0.00	35.63 2.30 0.00	30.85 1.99 0.00	27.70 1.98 0.00
RAVENSWOOD_GT3_3 24250	25.92 1.58 0.00	24.14 1.30 0.00	23.09 1.22 0.00	22.51 1.11 0.00	23.49 1.18 0.00	27.56 1.29 0.00	39.59 1.81 0.00	48.22 2.38 0.00	41.38 2.49 0.00	32.63 2.13 0.00	30.93 2.16 0.00	30.48 2.28 0.00	30.70 2.38 0.00	31.88 2.52 0.00	34.87 2.76 0.00	38.63 2.96 0.00	42.88 2.84 0.00	55.96 4.15 0.00	60.57 4.69 0.00	50.50 3.61 0.00	41.52 2.86 0.00	35.70 2.37 0.00	30.90 2.05 0.00	27.75 2.03 0.00
RAVENSWOOD_GT3_4 24251	25.92 1.58 0.00	24.14 1.30 0.00	23.09 1.22 0.00	22.51 1.11 0.00	23.49 1.18 0.00	27.56 1.29 0.00	39.59 1.81 0.00	48.22 2.38 0.00	41.38 2.49 0.00	32.63 2.13 0.00	30.93 2.16 0.00	30.48 2.28 0.00	30.70 2.38 0.00	31.88 2.52 0.00	34.87 2.76 0.00	38.63 2.96 0.00	42.88 2.84 0.00	55.96 4.15 0.00	60.57 4.69 0.00	50.50 3.61 0.00	41.52 2.86 0.00	35.70 2.37 0.00	30.90 2.05 0.00	27.75 2.03 0.00
RAVENSWOOD_GT_1 23729	26.03 1.68 -0.01	24.23 1.39 0.00	23.16 1.29 0.00	22.57 1.18 0.00	23.55 1.25 0.00	27.56 1.29 0.00	39.48 1.70 0.00	47.99 2.15 0.00	41.26 2.37 0.00	32.63 2.13 0.00	30.93 2.16 0.00	30.50 2.31 0.00	30.70 2.38 0.00	31.88 2.52 0.00	34.87 2.76 0.00	38.60 2.93 0.00	42.76 2.72 0.00	55.75 3.94 0.00	60.35 4.47 0.00	50.27 3.38 0.00	41.37 2.71 0.00	35.63 2.30 0.00	30.93 2.08 0.00	27.80 2.08 0.00
RAVENSWOOD_GT_10 24258	25.90 1.56 0.00	24.11 1.28 0.00	23.05 1.18 0.00	22.46 1.07 0.00	23.46 1.16 0.00	27.51 1.23 0.00	39.52 1.74 0.00	48.18 2.34 0.00	41.30 2.41 0.00	32.56 2.07 0.00	30.87 2.10 0.00	30.45 2.26 0.00	30.65 2.32 0.00	31.82 2.47 0.00	34.81 2.70 0.00	38.56 2.89 0.00	42.80 2.76 0.00	55.86 4.04 0.00	60.46 4.58 0.00	50.41 3.52 0.00	41.49 2.82 0.00	35.63 2.30 0.00	30.85 1.99 0.00	27.70 1.98 0.00
RAVENSWOOD_GT_11 24259	25.90 1.56 0.00	24.11 1.28 0.00	23.05 1.18 0.00	22.46 1.07 0.00	23.46 1.16 0.00	27.51 1.23 0.00	39.52 1.74 0.00	48.18 2.34 0.00	41.30 2.41 0.00	32.56 2.07 0.00	30.87 2.10 0.00	30.45 2.26 0.00	30.65 2.32 0.00	31.82 2.47 0.00	34.81 2.70 0.00	38.56 2.89 0.00	42.80 2.76 0.00	55.86 4.04 0.00	60.46 4.58 0.00	50.41 3.52 0.00	41.49 2.82 0.00	35.63 2.30 0.00	30.85 1.99 0.00	27.70 1.98 0.00
RAVENSWOOD_GT_4 24252	25.87 1.53 0.01	24.11 1.28 0.00	23.03 1.16 0.00	22.46 1.07 0.00	23.44 1.14 0.00	27.51 1.23 0.00	39.55 1.78 0.00	48.22 2.38 0.00	41.34 2.45 0.00	32.56 2.07 0.00	30.87 2.10 0.00	30.42 2.23 0.00	30.65 2.32 0.00	31.82 2.47 0.00	34.78 2.67 0.00	38.56 2.89 0.00	42.84 2.80 0.00	55.86 4.04 0.00	60.52 4.64 0.00	50.45 3.56 0.00	41.49 2.82 0.00	35.63 2.30 0.00	30.85 1.99 0.00	27.70 1.98 0.00
RAVENSWOOD_GT_5 24254	25.87 1.53 0.01	24.11 1.28 0.00	23.03 1.16 0.00	22.46 1.07 0.00	23.44 1.14 0.00	27.51 1.23 0.00	39.55 1.78 0.00	48.22 2.38 0.00	41.34 2.45 0.00	32.56 2.07 0.00	30.87 2.10 0.00	30.42 2.23 0.00	30.65 2.32 0.00	31.82 2.47 0.00	34.78 2.67 0.00	38.56 2.89 0.00	42.84 2.80 0.00	55.86 4.04 0.00	60.52 4.64 0.00	50.45 3.56 0.00	41.49 2.82 0.00	35.63 2.30 0.00	30.85 1.99 0.00	27.70 1.98 0.00
RAVENSWOOD_GT_6 24253	25.87 1.53 0.01	24.11 1.28 0.00	23.03 1.16 0.00	22.46 1.07 0.00	23.44 1.14 0.00	27.51 1.23 0.00	39.55 1.78 0.00	48.22 2.38 0.00	41.34 2.45 0.00	32.56 2.07 0.00	30.87 2.10 0.00	30.42 2.23 0.00	30.65 2.32 0.00	31.82 2.47 0.00	34.78 2.67 0.00	38.56 2.89 0.00	42.84 2.80 0.00	55.86 4.04 0.00	60.52 4.64 0.00	50.45 3.56 0.00	41.49 2.82 0.00	35.63 2.30 0.00	30.85 1.99 0.00	27.70 1.98 0.00
RAVENSWOOD_GT_7 24255	25.87 1.53 0.01	24.11 1.28 0.00	23.03 1.16 0.00	22.46 1.07 0.00	23.44 1.14 0.00	27.51 1.23 0.00	39.55 1.78 0.00	48.22 2.38 0.00	41.34 2.45 0.00	32.56 2.07 0.00	30.87 2.10 0.00	30.42 2.23 0.00	30.65 2.32 0.00	31.82 2.47 0.00	34.78 2.67 0.00	38.56 2.89 0.00	42.84 2.80 0.00	55.86 4.04 0.00	60.52 4.64 0.00	50.45 3.56 0.00	41.49 2.82 0.00	35.63 2.30 0.00	30.85 1.99 0.00	27.70 1.98 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	25.90 1.56 0.00	24.11 1.28 0.00	23.05 1.18 0.00	22.46 1.07 0.00	23.46 1.16 0.00	27.51 1.23 0.00	39.52 1.74 0.00	48.18 2.34 0.00	41.30 2.41 0.00	32.56 2.07 0.00	30.87 2.10 0.00	30.45 2.26 0.00	30.65 2.32 0.00	31.82 2.47 0.00	34.81 2.70 0.00	38.56 2.89 0.00	42.80 2.76 0.00	55.86 4.04 0.00	60.46 4.58 0.00	50.41 3.52 0.00	41.49 2.82 0.00	35.63 2.30 0.00	30.85 1.99 0.00	27.70 1.98 0.00



RAVENSWOOD_GT_9 24257	25.90 1.56 0.00	24.11 1.28 0.00	23.05 1.18 0.00	22.46 1.07 0.00	23.46 1.16 0.00	27.51 1.23 0.00	39.52 1.74 0.00	48.18 2.34 0.00	41.30 2.41 0.00	32.56 2.07 0.00	30.87 2.10 0.00	30.45 2.26 0.00	30.65 2.32 0.00	31.82 2.47 0.00	34.81 2.70 0.00	38.56 2.89 0.00	42.80 2.76 0.00	55.86 4.04 0.00	60.46 4.58 0.00	50.41 3.52 0.00	41.49 2.82 0.00	35.63 2.30 0.00	30.85 1.99 0.00	27.70 1.98 0.00
RAVENSWOOD___1 23533	26.00 1.66 -0.01	24.34 1.51 0.00	23.18 1.31 0.00	22.59 1.20 0.00	23.62 1.32 0.00	27.64 1.37 0.00	39.55 1.78 0.00	48.09 2.25 0.00	41.19 2.29 0.00	32.57 2.07 0.00	30.99 2.22 0.00	30.56 2.37 0.00	30.70 2.38 0.00	31.94 2.58 0.00	34.90 2.79 0.00	38.70 3.03 0.00	42.76 2.72 0.00	55.91 4.09 0.00	60.91 5.03 0.00	50.36 3.47 0.00	41.56 2.90 0.00	35.73 2.40 0.00	30.91 2.05 0.00	27.80 2.08 0.00
RAVENSWOOD___2 23534	26.00 1.66 -0.01	24.32 1.48 0.00	23.18 1.31 0.00	22.59 1.20 0.00	23.62 1.32 0.00	27.64 1.37 0.00	39.55 1.78 0.00	48.04 2.20 0.00	41.19 2.29 0.00	32.57 2.07 0.00	30.96 2.19 0.00	30.56 2.37 0.00	30.70 2.38 0.00	31.94 2.58 0.00	34.90 2.79 0.00	38.70 3.03 0.00	42.76 2.72 0.00	55.91 4.09 0.00	60.85 4.97 0.00	50.36 3.47 0.00	41.56 2.90 0.00	35.73 2.40 0.00	30.91 2.05 0.00	27.77 2.06 0.00
RAVENSWOOD___3 23535	25.90 1.56 0.00	24.23 1.39 0.00	23.09 1.22 0.00	22.53 1.13 0.00	23.55 1.25 0.00	27.61 1.34 0.00	39.63 1.85 0.00	48.22 2.38 0.00	41.26 2.37 0.00	32.53 2.04 0.00	30.96 2.19 0.00	30.51 2.31 0.00	30.67 2.35 0.00	31.88 2.53 0.00	34.84 2.73 0.00	38.67 3.00 0.00	42.84 2.80 0.00	56.06 4.25 0.00	61.02 5.14 0.00	50.55 3.66 0.00	41.64 2.98 0.00	35.77 2.43 0.00	30.85 1.99 0.00	27.70 1.98 0.00
RAVENSWOOD___4 23820	26.00 1.66 -0.01	24.32 1.48 0.00	23.16 1.29 0.00	22.59 1.20 0.00	23.62 1.32 0.00	27.64 1.37 0.00	39.55 1.78 0.00	48.04 2.20 0.00	41.15 2.25 0.00	32.57 2.07 0.00	30.96 2.19 0.00	30.53 2.34 0.00	30.70 2.38 0.00	31.91 2.55 0.00	34.90 2.79 0.00	38.67 3.00 0.00	42.76 2.72 0.00	55.91 4.09 0.00	60.85 4.97 0.00	50.36 3.47 0.00	41.52 2.86 0.00	35.73 2.40 0.00	30.91 2.05 0.00	27.77 2.06 0.00
RCPL_TRUST___DRP 24196	25.87 1.53 0.00	24.09 1.26 0.00	23.03 1.16 0.00	22.46 1.07 0.00	23.44 1.14 0.00	27.51 1.23 0.00	39.55 1.78 0.00	48.27 2.43 0.00	41.38 2.49 0.00	32.59 2.10 0.00	30.90 2.13 0.00	30.45 2.26 0.00	30.65 2.32 0.00	31.82 2.47 0.00	34.81 2.70 0.00	38.56 2.89 0.00	42.84 2.80 0.00	55.91 4.09 0.00	60.57 4.69 0.00	50.45 3.56 0.00	41.49 2.82 0.00	35.63 2.30 0.00	30.85 1.99 0.00	27.67 1.95 0.00
RED___ROCHESTER 323720	24.14 -0.20 0.00	22.47 -0.37 0.00	21.69 -0.18 0.00	21.27 -0.13 0.00	22.08 -0.22 0.00	26.17 -0.10 0.00	37.74 -0.04 0.00	45.98 0.14 0.00	38.89 0.00 0.00	30.55 0.06 0.00	28.74 -0.03 0.00	28.11 -0.08 0.00	28.30 -0.03 0.00	29.06 -0.29 0.00	31.73 -0.38 0.00	35.28 -0.39 0.00	39.68 -0.36 0.00	50.52 -1.29 0.00	55.21 -0.67 0.00	46.09 -0.80 0.00	37.97 -0.69 0.00	32.94 -0.40 0.00	28.57 -0.29 0.00	25.56 -0.15 0.00
REGAN___SOLAR 323812	26.41 2.07 0.00	24.80 1.96 0.00	23.64 1.77 0.00	23.13 1.73 0.00	24.13 1.83 0.00	28.56 2.28 0.00	41.29 3.51 0.00	50.01 4.17 0.00	42.16 3.27 0.00	32.66 2.17 0.00	30.53 1.76 0.00	29.86 1.66 0.00	30.14 1.81 0.00	31.24 1.88 0.00	34.36 2.25 0.00	38.67 3.00 0.00	44.00 3.96 0.00	57.57 5.75 0.00	62.69 6.81 0.00	52.19 5.30 0.00	42.92 4.25 0.00	36.77 3.43 0.00	31.63 2.77 0.00	28.08 2.36 0.00
RENSSELAER___COGEN 23796	24.92 0.58 0.00	23.36 0.53 0.00	22.28 0.41 0.00	21.78 0.39 0.00	22.73 0.42 0.00	26.77 0.50 0.00	38.46 0.68 0.00	46.67 0.83 0.00	39.71 0.82 0.00	30.98 0.49 0.00	29.26 0.49 0.00	28.73 0.53 0.00	28.95 0.62 0.00	30.15 0.79 0.00	32.98 0.87 0.00	36.71 1.04 0.00	41.24 1.20 0.00	53.78 1.97 0.00	58.50 2.63 0.00	48.72 1.83 0.00	40.09 1.43 0.00	34.37 1.03 0.00	29.78 0.92 0.00	26.51 0.80 0.00
REPUBLIC_115KV_BARTNBRK 55605	26.36 2.02 0.00	24.80 1.96 0.00	23.60 1.73 0.00	23.04 1.65 0.00	24.02 1.72 0.00	28.53 2.26 0.00	41.29 3.51 0.00	50.06 4.22 0.00	42.62 3.73 0.00	33.05 2.56 0.00	30.96 2.19 0.00	30.34 2.14 0.00	30.73 2.41 0.00	31.79 2.44 0.00	34.81 2.70 0.00	39.17 3.50 0.00	44.48 4.44 0.00	58.29 6.48 0.00	63.20 7.32 0.00	52.80 5.91 0.00	43.34 4.68 0.00	36.80 3.47 0.00	31.63 2.77 0.00	28.08 2.37 0.00
REVERE_CPFR_DRP 24186	24.88 0.54 0.00	23.34 0.50 0.00	22.35 0.48 0.00	21.91 0.51 0.00	22.88 0.58 0.00	27.04 0.76 0.00	39.21 1.44 0.00	47.72 1.88 0.00	40.10 1.21 0.00	31.41 0.91 0.00	29.43 0.66 0.00	28.81 0.62 0.00	28.81 0.48 0.00	29.80 0.44 0.00	32.69 0.58 0.00	36.35 0.68 0.00	41.00 0.96 0.00	53.65 1.30 -0.54	57.64 1.51 -0.26	48.25 1.31 -0.05	39.59 0.93 0.00	34.33 1.00 0.00	29.64 0.78 0.00	26.33 0.62 0.00
REYNOLDS_115KV_TB3 80639	25.14 0.80 0.00	23.54 0.71 0.00	22.48 0.61 0.00	21.97 0.58 0.00	22.91 0.60 0.00	27.01 0.74 0.00	38.80 1.02 0.00	47.08 1.24 0.00	40.14 1.24 0.00	31.31 0.82 0.00	29.52 0.75 0.00	29.01 0.82 0.00	29.26 0.93 0.00	30.47 1.12 0.00	33.27 1.16 0.00	36.99 1.32 0.00	41.60 1.56 0.00	54.20 2.38 0.00	58.62 2.74 0.00	49.14 2.25 0.00	40.48 1.82 0.00	34.67 1.33 0.00	30.10 1.24 0.00	26.80 1.08 0.00
RIVERBAY____ 323610	26.29 1.95 -0.01	24.48 1.64 0.00	23.40 1.53 0.00	22.81 1.41 -0.01	23.81 1.49 -0.01	27.77 1.50 0.00	39.67 1.89 0.00	47.99 2.15 0.00	41.26 2.37 0.00	32.63 2.13 0.00	30.90 2.13 0.00	30.48 2.28 0.00	30.70 2.38 0.00	31.85 2.50 0.00	34.87 2.76 0.00	38.60 2.93 0.00	42.64 2.60 0.00	55.86 4.04 0.00	60.40 4.53 0.00	50.22 3.33 0.00	41.37 2.71 0.00	35.73 2.40 0.00	31.08 2.22 0.00	28.06 2.34 0.00
RIVERSDE_115KV_TB3 55908	25.05 0.71 0.00	23.43 0.59 0.00	22.37 0.50 0.00	21.87 0.47 0.00	22.79 0.49 0.00	26.91 0.63 0.00	38.65 0.87 0.00	46.89 1.05 0.00	39.98 1.09 0.00	31.19 0.70 0.00	29.40 0.63 0.00	28.87 0.68 0.00	29.15 0.82 0.00	30.33 0.97 0.00	33.14 1.03 0.00	36.85 1.18 0.00	41.44 1.40 0.00	53.99 2.18 0.00	58.39 2.51 0.00	48.95 2.06 0.00	40.29 1.62 0.00	34.50 1.17 0.00	29.95 1.10 0.00	26.67 0.95 0.00
ROARING___BROOK_WT_PWR 323790	23.85 -0.49 0.00	22.52 -0.32 0.00	21.61 -0.26 0.00	21.20 -0.19 0.00	22.15 -0.16 0.00	26.06 -0.21 0.00	37.33 -0.45 0.00	45.15 -0.69 0.00	38.23 -0.66 0.00	30.06 -0.43 0.00	28.46 -0.32 0.00	27.91 -0.28 0.00	28.01 -0.31 0.00	29.03 -0.32 0.00	31.79 -0.32 0.00	35.21 -0.46 0.00	39.64 -0.40 0.00	51.14 -0.68 0.00	54.42 -1.45 0.00	45.53 -1.36 0.00	37.35 -1.31 0.00	32.00 -1.33 0.00	27.65 -1.21 0.00	24.53 -1.18 0.00



ROCHESRG_115KV_T4 355643	23.78 -0.56 0.00	22.31 -0.53 0.00	21.52 -0.35 0.00	21.07 -0.32 0.00	21.90 -0.40 0.00	25.88 -0.39 0.00	37.29 -0.49 0.00	45.29 -0.55 0.00	38.11 -0.78 0.00	30.06 -0.43 0.00	28.46 -0.32 0.00	27.85 -0.34 0.00	27.96 -0.37 0.00	28.77 -0.59 0.00	31.40 -0.71 0.00	34.81 -0.86 0.00	39.12 -0.92 0.00	49.79 -2.02 0.00	54.03 -1.84 0.00	45.44 -1.45 0.00	37.31 -1.35 0.00	32.57 -0.77 0.00	28.34 -0.52 0.00	25.33 -0.39 0.00
ROCHESTER_9_IC 23652	23.88 -0.46 0.00	22.40 -0.43 0.00	21.61 -0.26 0.00	21.16 -0.24 0.00	21.99 -0.31 0.00	25.99 -0.29 0.00	37.48 -0.30 0.00	45.57 -0.28 0.00	38.35 -0.54 0.00	30.25 -0.24 0.00	28.60 -0.17 0.00	28.00 -0.20 0.00	28.10 -0.23 0.00	28.92 -0.44 0.00	31.56 -0.55 0.00	34.99 -0.68 0.00	39.36 -0.68 0.00	50.11 -1.71 0.00	54.37 -1.51 0.00	45.72 -1.17 0.00	37.54 -1.12 0.00	32.77 -0.57 0.00	28.45 -0.40 0.00	25.43 -0.28 0.00
ROCKVIEW_13_KV_LD 356306	25.85 1.51 0.00	24.07 1.23 0.00	23.01 1.14 0.00	22.44 1.05 0.00	23.42 1.12 0.00	27.51 1.23 0.00	39.52 1.74 0.00	48.22 2.38 0.00	41.34 2.45 0.00	32.50 2.01 0.00	30.81 2.04 0.00	30.34 2.14 0.00	30.56 2.24 0.00	31.73 2.38 0.00	34.71 2.60 0.00	38.45 2.78 0.00	42.80 2.76 0.00	55.86 4.04 0.00	60.52 4.64 0.00	50.45 3.56 0.00	41.49 2.82 0.00	35.60 2.27 0.00	30.79 1.93 0.00	27.64 1.93 0.00
ROME____115KV_TB2 80656	24.88 0.54 0.00	23.34 0.50 0.00	22.35 0.48 0.00	21.91 0.51 0.00	22.88 0.58 0.00	27.04 0.76 0.00	39.21 1.44 0.00	47.72 1.88 0.00	40.10 1.21 0.00	31.41 0.91 0.00	29.43 0.66 0.00	28.81 0.62 0.00	28.81 0.48 0.00	29.80 0.44 0.00	32.69 0.58 0.00	36.35 0.68 0.00	41.00 0.96 0.00	53.65 1.30 -0.54	57.64 1.51 -0.26	48.25 1.31 -0.05	39.59 0.93 0.00	34.33 1.00 0.00	29.64 0.78 0.00	26.33 0.62 0.00
ROSETON____1 23587	25.58 1.24 0.00	23.93 1.10 0.00	22.83 0.96 0.00	22.27 0.88 0.00	23.28 0.98 0.00	27.33 1.05 0.00	39.33 1.55 0.00	47.81 1.97 0.00	40.76 1.87 0.00	32.01 1.52 0.00	30.38 1.61 0.00	29.88 1.69 0.00	30.05 1.73 0.00	31.24 1.88 0.00	34.13 2.02 0.00	37.92 2.25 0.00	42.28 2.24 0.00	55.18 3.37 0.00	60.07 4.19 0.00	49.89 3.00 0.00	41.06 2.40 0.00	35.27 1.93 0.00	30.47 1.61 0.00	27.28 1.57 0.00
ROSETON____2 23588	25.58 1.24 0.00	23.93 1.10 0.00	22.83 0.96 0.00	22.27 0.88 0.00	23.28 0.98 0.00	27.33 1.05 0.00	39.33 1.55 0.00	47.81 1.97 0.00	40.76 1.87 0.00	32.01 1.52 0.00	30.38 1.61 0.00	29.88 1.69 0.00	30.05 1.73 0.00	31.24 1.88 0.00	34.13 2.02 0.00	37.92 2.25 0.00	42.28 2.24 0.00	55.18 3.37 0.00	60.07 4.19 0.00	49.89 3.00 0.00	41.06 2.40 0.00	35.27 1.93 0.00	30.47 1.61 0.00	27.28 1.57 0.00
ROTTTRDAM_115KV_TB3 80664	25.24 0.90 0.00	23.64 0.80 0.00	22.59 0.72 0.00	22.06 0.66 0.00	23.02 0.71 0.00	27.14 0.87 0.00	39.06 1.28 0.00	47.40 1.56 0.00	40.33 1.44 0.00	31.47 0.98 0.00	29.63 0.86 0.00	29.07 0.87 0.00	29.32 0.99 0.00	30.44 1.09 0.00	33.30 1.19 0.00	37.10 1.43 0.00	41.76 1.72 0.00	54.35 2.54 0.00	58.78 2.91 0.00	49.23 2.34 0.00	40.56 1.89 0.00	34.80 1.47 0.00	30.13 1.27 0.00	26.85 1.13 0.00
RUSSELL____1 23602	23.95 -0.39 0.00	22.47 -0.37 0.00	21.67 -0.20 0.00	21.24 -0.15 0.00	22.06 -0.25 0.00	26.09 -0.18 0.00	37.63 -0.15 0.00	45.79 -0.05 0.00	38.50 -0.39 0.00	30.37 -0.12 0.00	28.71 -0.06 0.00	28.11 -0.08 0.00	28.21 -0.11 0.00	29.06 -0.29 0.00	31.69 -0.42 0.00	35.17 -0.50 0.00	39.56 -0.48 0.00	50.36 -1.45 0.00	54.70 -1.17 0.00	46.00 -0.89 0.00	37.73 -0.93 0.00	32.93 -0.40 0.00	28.57 -0.29 0.00	25.54 -0.18 0.00
RUSSELL____2 23532	23.95 -0.39 0.00	22.47 -0.37 0.00	21.67 -0.20 0.00	21.24 -0.15 0.00	22.06 -0.25 0.00	26.09 -0.18 0.00	37.63 -0.15 0.00	45.79 -0.05 0.00	38.50 -0.39 0.00	30.37 -0.12 0.00	28.71 -0.06 0.00	28.11 -0.08 0.00	28.21 -0.11 0.00	29.06 -0.29 0.00	31.69 -0.42 0.00	35.17 -0.50 0.00	39.56 -0.48 0.00	50.36 -1.45 0.00	54.70 -1.17 0.00	46.00 -0.89 0.00	37.73 -0.93 0.00	32.93 -0.40 0.00	28.57 -0.29 0.00	25.54 -0.18 0.00
RUSSELL____3 23549	23.95 -0.39 0.00	22.47 -0.37 0.00	21.67 -0.20 0.00	21.24 -0.15 0.00	22.06 -0.25 0.00	26.09 -0.18 0.00	37.63 -0.15 0.00	45.79 -0.05 0.00	38.50 -0.39 0.00	30.37 -0.12 0.00	28.71 -0.06 0.00	28.11 -0.08 0.00	28.21 -0.11 0.00	29.06 -0.29 0.00	31.69 -0.42 0.00	35.17 -0.50 0.00	39.56 -0.48 0.00	50.36 -1.45 0.00	54.70 -1.17 0.00	46.00 -0.89 0.00	37.73 -0.93 0.00	32.93 -0.40 0.00	28.57 -0.29 0.00	25.54 -0.18 0.00
RUSSELL____4 23556	23.95 -0.39 0.00	22.47 -0.37 0.00	21.67 -0.20 0.00	21.24 -0.15 0.00	22.06 -0.25 0.00	26.09 -0.18 0.00	37.63 -0.15 0.00	45.79 -0.05 0.00	38.50 -0.39 0.00	30.37 -0.12 0.00	28.71 -0.06 0.00	28.11 -0.08 0.00	28.21 -0.11 0.00	29.06 -0.29 0.00	31.69 -0.42 0.00	35.17 -0.50 0.00	39.56 -0.48 0.00	50.36 -1.45 0.00	54.70 -1.17 0.00	46.00 -0.89 0.00	37.73 -0.93 0.00	32.93 -0.40 0.00	28.57 -0.29 0.00	25.54 -0.18 0.00
RUSSELL____STATION 23914	23.95 -0.39 0.00	22.47 -0.37 0.00	21.67 -0.20 0.00	21.24 -0.15 0.00	22.06 -0.25 0.00	26.09 -0.18 0.00	37.63 -0.15 0.00	45.79 -0.05 0.00	38.50 -0.39 0.00	30.37 -0.12 0.00	28.71 -0.06 0.00	28.11 -0.08 0.00	28.21 -0.11 0.00	29.06 -0.29 0.00	31.69 -0.42 0.00	35.17 -0.50 0.00	39.56 -0.48 0.00	50.36 -1.45 0.00	54.70 -1.17 0.00	46.00 -0.89 0.00	37.73 -0.93 0.00	32.93 -0.40 0.00	28.57 -0.29 0.00	25.54 -0.18 0.00
S SALMON____HYD 24043	23.93 -0.41 0.00	22.43 -0.41 0.00	21.52 -0.35 0.00	21.07 -0.32 0.00	21.97 -0.33 0.00	25.96 -0.31 0.00	37.47 -0.30 0.00	45.52 -0.32 0.00	38.43 -0.46 0.00	30.09 -0.40 0.00	28.25 -0.52 0.00	27.66 -0.54 0.00	27.76 -0.57 0.00	28.68 -0.67 0.00	31.40 -0.71 0.00	34.99 -0.68 0.00	39.36 -0.68 0.00	52.95 -1.04 -2.17	56.13 -0.78 -1.04	46.34 -0.75 -0.20	38.01 -0.66 0.00	32.97 -0.37 0.00	28.48 -0.38 0.00	25.30 -0.41 0.00
S.PERRY__115KV_TB1 80734	24.66 0.32 0.00	23.16 0.32 0.00	22.35 0.48 0.00	21.91 0.51 0.00	22.75 0.45 0.00	26.96 0.68 0.00	39.25 1.47 0.00	47.86 2.02 0.00	39.94 1.05 0.00	31.34 0.85 0.00	29.61 0.83 0.00	28.87 0.68 0.00	28.92 0.59 0.00	29.77 0.41 0.00	32.53 0.42 0.00	34.99 -0.68 0.00	39.60 -0.44 0.00	50.47 -1.35 0.00	55.04 -0.84 0.00	46.42 -0.47 0.00	37.89 -0.77 0.00	34.13 0.80 0.00	29.55 0.69 0.00	26.36 0.64 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	23.83 -0.51 0.00	22.36 -0.48 0.00	21.72 -0.15 0.00	21.27 -0.13 0.00	22.01 -0.29 0.00	26.01 -0.26 0.00	37.55 -0.23 0.00	45.38 -0.46 0.00	38.15 -0.74 0.00	30.28 -0.21 0.00	28.86 0.09 0.00	28.19 0.00 0.00	28.24 -0.08 0.00	29.00 -0.35 0.00	31.56 -0.55 0.00	34.81 -0.86 0.00	39.20 -0.84 0.00	49.17 -2.64 0.00	53.31 -2.57 0.00	44.87 -2.02 0.00	36.73 -1.93 0.00	32.40 -0.93 0.00	28.37 -0.49 0.00	25.56 -0.15 0.00



SAWYER___23_KV_LOAD 55526	23.83 -0.51 0.00	22.36 -0.48 0.00	21.72 -0.15 0.00	21.27 -0.13 0.00	22.01 -0.29 0.00	26.01 -0.26 0.00	37.55 -0.23 0.00	45.38 -0.46 0.00	38.15 -0.74 0.00	30.28 -0.21 0.00	28.86 0.09 0.00	28.19 0.00 0.00	28.24 -0.08 0.00	29.00 -0.35 0.00	31.56 -0.55 0.00	34.81 -0.86 0.00	39.20 -0.84 0.00	49.17 -2.64 0.00	53.31 -2.57 0.00	44.87 -2.02 0.00	36.73 -1.93 0.00	32.40 -0.93 0.00	28.37 -0.49 0.00	25.56 -0.15 0.00
SELKIRK___I 23801	25.12 0.78 0.00	23.57 0.73 0.00	22.48 0.61 0.00	21.97 0.58 0.00	22.93 0.62 0.00	27.01 0.73 0.00	38.80 1.02 0.00	47.03 1.19 0.00	39.98 1.09 0.00	31.13 0.64 0.00	29.35 0.58 0.00	28.76 0.56 0.00	28.98 0.65 0.00	30.15 0.79 0.00	33.01 0.90 0.00	36.81 1.14 0.00	41.44 1.40 0.00	54.04 2.23 0.00	58.78 2.90 0.00	49.00 2.11 0.00	40.36 1.70 0.00	34.60 1.27 0.00	29.98 1.12 0.00	26.69 0.98 0.00
SELKIRK___II 23799	25.00 0.66 0.00	23.45 0.62 0.00	22.37 0.50 0.00	21.84 0.45 0.00	22.82 0.51 0.00	26.85 0.58 0.00	38.61 0.83 0.00	46.80 0.96 0.00	39.82 0.93 0.00	31.07 0.58 0.00	29.35 0.58 0.00	28.81 0.62 0.00	29.03 0.71 0.00	30.21 0.85 0.00	33.04 0.93 0.00	36.81 1.14 0.00	41.36 1.32 0.00	53.89 2.07 0.00	58.62 2.74 0.00	48.81 1.92 0.00	40.21 1.55 0.00	34.47 1.13 0.00	29.87 1.01 0.00	26.59 0.87 0.00
SENECA OSWGO___HYD 24041	23.78 -0.56 0.00	22.27 -0.57 0.00	21.37 -0.50 0.00	20.90 -0.49 0.00	21.77 -0.54 0.00	25.70 -0.58 0.00	37.06 -0.72 0.00	45.02 -0.82 0.00	38.15 -0.74 0.00	29.88 -0.61 0.00	28.14 -0.63 0.00	27.52 -0.68 0.00	27.67 -0.65 0.00	28.62 -0.73 0.00	31.31 -0.80 0.00	34.89 -0.78 0.00	39.12 -0.92 0.00	53.53 -1.29 -3.01	56.25 -1.06 -1.44	46.14 -1.03 -0.28	37.81 -0.85 0.00	32.67 -0.67 0.00	28.28 -0.58 0.00	25.15 -0.57 0.00
SENECA___115KV_TB3 355854	24.14 -0.19 0.00	22.65 -0.18 0.00	22.00 0.13 0.00	21.54 0.15 0.00	22.30 0.00 0.00	26.35 0.08 0.00	38.16 0.38 0.00	46.16 0.32 0.00	38.81 -0.08 0.00	30.77 0.27 0.00	29.35 0.58 0.00	28.64 0.45 0.00	28.69 0.37 0.00	29.50 0.15 0.00	32.14 0.03 0.00	35.42 -0.25 0.00	39.92 -0.12 0.00	50.11 -1.71 0.00	54.31 -1.56 0.00	45.72 -1.17 0.00	37.31 -1.35 0.00	32.87 -0.47 0.00	28.74 -0.12 0.00	25.90 0.18 0.00
SENECA___ENERGY 23797	24.10 -0.24 0.00	22.52 -0.32 0.00	21.63 -0.24 0.00	21.18 -0.21 0.00	22.06 -0.24 0.00	26.09 -0.18 0.00	37.74 -0.04 0.00	45.89 0.05 0.00	38.93 0.04 0.00	30.46 -0.03 0.00	28.63 -0.14 0.00	28.02 -0.17 0.00	28.15 -0.17 0.00	29.03 -0.32 0.00	31.73 -0.38 0.00	35.31 -0.36 0.00	39.64 -0.40 0.00	52.39 -0.83 -1.41	56.22 -0.33 -0.67	46.55 -0.47 -0.13	38.16 -0.50 0.00	33.07 -0.27 0.00	28.62 -0.23 0.00	25.51 -0.21 0.00
SHOEMAKER___GT 23640	25.48 1.14 0.00	23.84 1.00 0.00	22.74 0.88 0.00	22.21 0.81 0.00	23.20 0.89 0.00	27.25 0.97 0.00	39.29 1.51 0.00	47.72 1.88 0.00	40.60 1.71 0.00	31.86 1.37 0.00	30.21 1.44 0.00	29.69 1.49 0.00	29.82 1.50 0.00	30.97 1.61 0.00	33.88 1.76 0.00	37.67 2.00 0.00	42.04 2.00 0.00	54.87 3.06 0.00	59.68 3.80 0.00	49.66 2.77 0.00	40.83 2.16 0.00	35.13 1.80 0.00	30.33 1.47 0.00	27.13 1.41 0.00
SHOEMAKR_138KV_BK 111 55601	25.43 1.10 0.00	23.75 0.91 0.00	22.70 0.83 0.00	22.16 0.77 0.00	23.13 0.83 0.00	27.17 0.89 0.00	39.18 1.40 0.00	47.63 1.79 0.00	40.68 1.79 0.00	31.89 1.40 0.00	30.18 1.41 0.00	29.66 1.47 0.00	29.83 1.50 0.00	30.94 1.59 0.00	33.88 1.77 0.00	37.56 1.89 0.00	42.00 1.96 0.00	54.72 2.90 0.00	59.17 3.30 0.00	49.52 2.63 0.00	40.71 2.05 0.00	35.00 1.67 0.00	30.33 1.47 0.00	27.16 1.44 0.00
SHOREHAM_IC_1 23715	25.29 0.95 0.00	23.75 0.91 0.00	22.59 0.72 0.00	21.84 0.45 0.00	22.97 0.67 0.00	27.46 1.18 0.00	37.59 1.06 1.24	38.72 1.42 8.54	34.37 1.32 5.85	28.94 0.34 1.88	28.31 0.61 1.06	28.82 0.82 0.19	28.35 0.77 0.74	30.98 1.82 0.20	31.02 1.86 2.95	34.11 2.25 3.81	39.28 2.44 3.20	53.58 3.89 2.12	58.85 4.92 1.94	50.18 3.66 0.37	39.36 2.71 2.01	34.87 1.87 0.33	30.37 1.53 0.02	28.17 2.44 -0.01
SHOREHAM_IC_2 23716	25.29 0.95 0.00	23.75 0.91 0.00	22.59 0.72 0.00	21.84 0.45 0.00	22.97 0.67 0.00	27.46 1.18 0.00	37.59 1.06 1.24	38.72 1.42 8.54	34.37 1.32 5.85	28.94 0.34 1.88	28.31 0.61 1.06	28.82 0.82 0.19	28.35 0.77 0.74	30.98 1.82 0.20	31.02 1.86 2.95	34.11 2.25 3.81	39.28 2.44 3.20	53.58 3.89 2.12	58.85 4.92 1.94	50.18 3.66 0.37	39.36 2.71 2.01	34.87 1.87 0.33	30.37 1.53 0.02	28.17 2.44 -0.01
SISSONVILLE____ 23735	24.46 0.12 0.00	23.22 0.39 0.00	22.22 0.35 0.00	21.78 0.39 0.00	22.75 0.45 0.00	26.77 0.50 0.00	38.57 0.79 0.00	46.85 1.01 0.00	39.44 0.54 0.00	30.86 0.37 0.00	29.06 0.29 0.00	28.42 0.23 0.00	28.41 0.08 0.00	29.47 0.12 0.00	32.30 0.19 0.00	35.85 0.18 0.00	40.48 0.44 0.00	52.39 0.26 -0.32	55.92 -0.11 -0.15	46.83 -0.09 -0.03	38.82 0.15 0.00	33.43 0.10 0.00	28.77 -0.09 0.00	25.51 -0.21 0.00
SITHE_IND_GS1 24169	23.51 -0.83 0.00	22.01 -0.82 0.00	21.15 -0.72 0.00	20.69 -0.71 0.00	21.55 -0.76 0.00	25.41 -0.87 0.00	36.53 -1.25 0.00	44.33 -1.51 0.00	37.61 -1.28 0.00	29.49 -1.01 0.00	27.79 -0.98 0.00	27.21 -0.99 0.00	27.33 -0.99 0.00	28.30 -1.06 0.00	30.92 -1.19 0.00	34.42 -1.25 0.00	38.60 -1.44 0.00	41.69 -1.97 8.16	50.07 -1.90 3.90	44.40 -1.73 0.76	37.27 -1.39 0.00	32.20 -1.13 0.00	27.87 -0.98 0.00	24.81 -0.90 0.00
SITHE_IND_GS2 24170	23.51 -0.83 0.00	22.01 -0.82 0.00	21.15 -0.72 0.00	20.69 -0.71 0.00	21.55 -0.76 0.00	25.41 -0.87 0.00	36.53 -1.25 0.00	44.33 -1.51 0.00	37.61 -1.28 0.00	29.49 -1.01 0.00	27.79 -0.98 0.00	27.21 -0.99 0.00	27.33 -0.99 0.00	28.30 -1.06 0.00	30.92 -1.19 0.00	34.42 -1.25 0.00	38.60 -1.44 0.00	41.69 -1.97 8.16	50.07 -1.90 3.90	44.40 -1.73 0.76	37.27 -1.39 0.00	32.20 -1.13 0.00	27.87 -0.98 0.00	24.81 -0.90 0.00
SITHE_IND_GS3 24171	23.51 -0.83 0.00	22.01 -0.82 0.00	21.15 -0.72 0.00	20.69 -0.71 0.00	21.55 -0.76 0.00	25.41 -0.87 0.00	36.53 -1.25 0.00	44.33 -1.51 0.00	37.61 -1.28 0.00	29.49 -1.01 0.00	27.79 -0.98 0.00	27.21 -0.99 0.00	27.33 -0.99 0.00	28.30 -1.06 0.00	30.92 -1.19 0.00	34.42 -1.25 0.00	38.60 -1.44 0.00	41.69 -1.97 8.16	50.07 -1.90 3.90	44.40 -1.73 0.76	37.27 -1.39 0.00	32.20 -1.13 0.00	27.87 -0.98 0.00	24.81 -0.90 0.00
SITHE_IND_GS4 24172	23.51 -0.83 0.00	22.01 -0.82 0.00	21.15 -0.72 0.00	20.69 -0.71 0.00	21.55 -0.76 0.00	25.41 -0.87 0.00	36.53 -1.25 0.00	44.33 -1.51 0.00	37.61 -1.28 0.00	29.49 -1.01 0.00	27.79 -0.98 0.00	27.21 -0.99 0.00	27.33 -0.99 0.00	28.30 -1.06 0.00	30.92 -1.19 0.00	34.42 -1.25 0.00	38.60 -1.44 0.00	41.69 -1.97 8.16	50.07 -1.90 3.90	44.40 -1.73 0.76	37.27 -1.39 0.00	32.20 -1.13 0.00	27.87 -0.98 0.00	24.81 -0.90 0.00



SITHE___BATAVIA 24024	24.39 0.05 0.00	22.61 -0.23 0.00	21.96 0.09 0.00	21.55 0.15 0.00	22.33 0.02 0.00	26.51 0.24 0.00	38.27 0.49 0.00	46.62 0.78 0.00	39.36 0.47 0.00	30.95 0.46 0.00	29.12 0.35 0.00	28.42 0.22 0.00	28.61 0.28 0.00	29.30 -0.06 0.00	31.98 -0.13 0.00	35.42 -0.25 0.00	39.92 -0.12 0.00	50.36 -1.45 0.00	55.32 -0.56 0.00	46.09 -0.80 0.00	38.01 -0.66 0.00	33.07 -0.27 0.00	28.77 -0.09 0.00	25.84 0.13 0.00
SITHE___INDEPEND 23800	23.56 -0.78 0.00	22.08 -0.75 0.00	21.17 -0.70 0.00	20.73 -0.66 0.00	21.59 -0.71 0.00	25.46 -0.81 0.00	36.53 -1.25 0.00	44.28 -1.56 0.00	37.53 -1.36 0.00	29.45 -1.04 0.00	27.76 -1.01 0.00	27.18 -1.01 0.00	27.30 -1.02 0.00	28.27 -1.09 0.00	30.92 -1.19 0.00	34.39 -1.28 0.00	38.56 -1.48 0.00	41.64 -2.02 8.16	49.91 -2.07 3.90	44.40 -1.73 0.76	37.23 -1.43 0.00	32.17 -1.17 0.00	27.87 -0.98 0.00	24.82 -0.90 0.00
SITHE___MASSENA 23902	24.44 0.10 0.00	23.18 0.34 0.00	22.15 0.28 0.00	21.72 0.32 0.00	22.66 0.36 0.00	26.64 0.37 0.00	38.16 0.38 0.00	46.21 0.37 0.00	39.01 0.12 0.00	30.61 0.12 0.00	28.89 0.12 0.00	28.25 0.06 0.00	28.30 -0.03 0.00	29.39 0.03 0.00	32.17 0.06 0.00	35.53 -0.14 0.00	40.12 0.08 0.00	51.61 -0.21 0.00	54.81 -1.06 0.00	46.37 -0.51 0.00	38.47 -0.19 0.00	33.13 -0.20 0.00	28.74 -0.11 0.00	25.54 -0.18 0.00
SITHE___OGDNSBRG 24021	24.73 0.39 0.00	23.48 0.64 0.00	22.44 0.57 0.00	21.99 0.60 0.00	22.97 0.67 0.00	27.04 0.76 0.00	39.06 1.28 0.00	47.44 1.60 0.00	39.82 0.93 0.00	31.10 0.61 0.00	29.23 0.46 0.00	28.56 0.37 0.00	28.55 0.23 0.00	29.62 0.26 0.00	32.46 0.35 0.00	36.03 0.36 0.00	40.72 0.68 0.00	52.74 0.67 -0.25	56.39 0.39 -0.12	47.29 0.38 -0.02	39.28 0.62 0.00	33.83 0.50 0.00	29.09 0.23 0.00	25.82 0.10 0.00
SITHE___STERLING 23777	24.75 0.41 0.00	23.18 0.34 0.00	22.22 0.35 0.00	21.76 0.36 0.00	22.71 0.40 0.00	26.83 0.55 0.00	38.87 1.10 0.00	47.31 1.47 0.00	39.86 0.97 0.00	31.19 0.70 0.00	29.26 0.49 0.00	28.64 0.45 0.00	28.67 0.34 0.00	29.65 0.29 0.00	32.53 0.42 0.00	36.21 0.54 0.00	40.72 0.68 0.00	53.34 0.93 -0.59	57.45 1.29 -0.28	47.93 0.99 -0.05	39.36 0.70 0.00	34.07 0.73 0.00	29.43 0.58 0.00	26.18 0.46 0.00
SLEIGHT__34_KV_TB1 80719	23.63 -0.71 0.00	22.17 -0.66 0.00	21.37 -0.50 0.00	20.92 -0.47 0.00	21.77 -0.54 0.00	25.75 -0.53 0.00	37.21 -0.57 0.00	45.34 -0.50 0.00	38.15 -0.74 0.00	30.03 -0.46 0.00	28.34 -0.43 0.00	27.74 -0.45 0.00	27.84 -0.48 0.00	28.71 -0.65 0.00	31.34 -0.77 0.00	34.81 -0.86 0.00	39.20 -0.84 0.00	50.00 -1.81 0.00	54.31 -1.56 0.00	45.58 -1.31 0.00	37.39 -1.28 0.00	32.53 -0.80 0.00	28.22 -0.63 0.00	25.18 -0.54 0.00
SOUTH CAIRO___GT 23612	25.36 1.02 0.00	23.79 0.96 0.00	22.72 0.85 0.00	22.21 0.81 0.00	23.17 0.87 0.00	27.33 1.05 0.00	39.44 1.66 0.00	47.63 1.79 0.00	40.45 1.56 0.00	31.16 0.67 0.00	29.17 0.40 0.00	28.56 0.37 0.00	28.83 0.51 0.00	29.97 0.62 0.00	32.95 0.83 0.00	36.92 1.25 0.00	41.88 1.84 0.00	55.03 3.21 0.00	59.51 3.63 0.00	49.94 3.05 0.00	40.94 2.28 0.00	34.93 1.60 0.00	30.36 1.50 0.00	26.87 1.16 0.00
SOUTH HAMPTN___IC 23720	25.68 1.34 0.00	24.07 1.23 0.00	22.90 1.03 0.00	22.14 0.75 0.00	23.31 1.00 0.00	27.80 1.52 0.00	38.01 1.47 1.24	39.21 1.92 8.56	34.83 1.79 5.86	29.43 0.82 1.88	28.80 1.09 1.06	29.33 1.33 0.19	28.83 1.24 0.74	31.39 2.23 0.20	31.47 2.31 2.95	34.61 2.75 3.81	39.92 3.08 3.20	54.36 4.67 2.13	59.63 5.70 1.95	50.79 4.27 0.37	39.86 3.21 2.01	35.30 2.30 0.33	30.66 1.82 0.02	28.42 2.70 -0.01
SOUTHDOW_115KV_TB1 355954	24.68 0.34 0.00	23.16 0.32 0.00	22.50 0.63 0.00	22.04 0.64 0.00	22.86 0.56 0.00	27.06 0.79 0.00	39.48 1.70 0.00	48.09 2.25 0.00	40.41 1.52 0.00	32.05 1.56 0.00	30.58 1.81 0.00	30.00 1.80 0.00	30.05 1.73 0.00	31.00 1.64 0.00	33.81 1.70 0.00	37.17 1.50 0.00	42.04 2.00 0.00	52.70 0.88 0.00	56.94 1.06 0.00	47.41 0.52 0.00	38.31 -0.35 0.00	33.53 0.20 0.00	29.23 0.38 0.00	26.26 0.54 0.00
SOUTHOLD_69_KV_BK 2 55809	26.19 1.85 0.00	24.25 1.42 0.00	23.11 1.25 0.00	22.44 1.05 0.00	23.55 1.25 0.00	28.11 1.84 0.00	38.43 1.89 1.24	39.77 2.48 8.55	35.38 2.33 5.85	29.90 1.28 1.88	29.21 1.50 1.06	29.76 1.75 0.18	29.29 1.70 0.74	31.72 2.55 0.19	32.18 3.02 2.94	35.08 3.21 3.80	40.61 3.76 3.19	55.19 5.49 2.12	60.14 6.20 1.94	51.50 4.97 0.36	40.30 3.63 2.00	35.78 2.77 0.32	31.16 2.31 0.01	29.03 3.32 0.00
SOUTHOLD___IC 23719	26.04 1.70 0.00	24.41 1.57 0.00	23.22 1.36 0.00	22.44 1.05 0.00	23.62 1.32 0.00	28.17 1.89 0.00	38.53 2.00 1.24	39.80 2.52 8.56	35.41 2.37 5.86	29.89 1.28 1.88	29.29 1.58 1.06	29.81 1.81 0.19	29.28 1.70 0.74	31.86 2.70 0.20	32.01 2.86 2.95	35.21 3.35 3.81	40.68 3.84 3.20	55.39 5.70 2.13	60.75 6.81 1.95	51.72 5.20 0.37	40.56 3.90 2.01	35.90 2.90 0.33	31.06 2.22 0.02	28.78 3.06 -0.01
SOUTH_FORK_WT_PWR 323839	26.09 1.75 0.00	24.43 1.60 0.00	23.27 1.40 0.00	22.46 1.07 0.00	23.66 1.36 0.00	28.22 1.94 0.00	38.61 2.08 1.24	39.90 2.61 8.56	35.49 2.45 5.86	29.92 1.31 1.88	29.35 1.64 1.06	29.87 1.86 0.19	29.34 1.76 0.74	31.92 2.76 0.20	32.08 2.92 2.95	35.29 3.42 3.81	40.76 3.93 3.20	55.49 5.80 2.13	60.86 6.93 1.95	51.82 5.30 0.37	40.64 3.98 2.01	35.97 2.97 0.33	31.12 2.28 0.02	28.83 3.11 -0.01
SPIERFLS_115KV_TB 1 80737	25.26 0.92 0.00	23.70 0.87 0.00	22.61 0.74 0.00	22.08 0.68 0.00	23.02 0.71 0.00	27.25 0.97 0.00	39.29 1.51 0.00	47.67 1.83 0.00	40.60 1.71 0.00	31.59 1.10 0.00	29.66 0.89 0.00	29.10 0.90 0.00	29.43 1.10 0.00	30.53 1.17 0.00	33.39 1.28 0.00	37.35 1.68 0.00	42.24 2.20 0.00	55.13 3.32 0.00	59.68 3.80 0.00	49.94 3.05 0.00	41.10 2.44 0.00	35.07 1.73 0.00	30.24 1.39 0.00	26.90 1.18 0.00
ST LAWRENCE____ 23600	24.22 -0.12 0.00	22.90 0.07 0.00	21.91 0.04 0.00	21.48 0.09 0.00	22.39 0.09 0.00	26.33 0.05 0.00	37.66 -0.11 0.00	45.61 -0.23 0.00	38.58 -0.31 0.00	30.31 -0.18 0.00	28.60 -0.17 0.00	28.00 -0.20 0.00	28.07 -0.26 0.00	29.09 -0.26 0.00	31.85 -0.26 0.00	35.21 -0.46 0.00	39.68 -0.36 0.00	51.25 -0.57 0.00	54.48 -1.39 0.00	46.09 -0.80 0.00	38.08 -0.58 0.00	32.83 -0.50 0.00	28.48 -0.38 0.00	25.30 -0.41 0.00
STATE_CA_115KV_115_LB 55624	25.00 0.66 0.00	23.41 0.57 0.00	22.35 0.48 0.00	21.82 0.43 0.00	22.77 0.47 0.00	26.88 0.60 0.00	38.61 0.83 0.00	46.85 1.01 0.00	39.94 1.05 0.00	31.16 0.67 0.00	29.38 0.60 0.00	28.87 0.68 0.00	29.12 0.79 0.00	30.30 0.94 0.00	33.11 1.00 0.00	36.85 1.18 0.00	41.44 1.40 0.00	53.99 2.18 0.00	58.39 2.51 0.00	48.91 2.02 0.00	40.29 1.62 0.00	34.50 1.17 0.00	29.89 1.04 0.00	26.64 0.93 0.00



STATE_ST_34_KV_LOAD 55959	24.14 -0.19 0.00	22.63 -0.21 0.00	21.69 -0.17 0.00	21.22 -0.17 0.00	22.13 -0.18 0.00	26.12 -0.16 0.00	37.66 -0.11 0.00	45.84 0.00 0.00	38.70 -0.19 0.00	30.34 -0.15 0.00	28.57 -0.20 0.00	27.97 -0.23 0.00	28.10 -0.23 0.00	29.06 -0.29 0.00	31.73 -0.39 0.00	35.35 -0.32 0.00	39.68 -0.36 0.00	52.97 -0.62 -1.77	56.34 -0.39 -0.85	46.73 -0.33 -0.17	38.31 -0.35 0.00	33.13 -0.20 0.00	28.74 -0.12 0.00	25.54 -0.18 0.00
STATION_5_MISC_HYD 23604	24.05 -0.29 0.00	22.38 -0.46 0.00	21.63 -0.24 0.00	21.20 -0.19 0.00	22.01 -0.29 0.00	26.09 -0.18 0.00	37.59 -0.19 0.00	45.75 -0.09 0.00	38.70 -0.19 0.00	30.43 -0.06 0.00	28.63 -0.14 0.00	28.00 -0.20 0.00	28.18 -0.14 0.00	28.95 -0.41 0.00	31.60 -0.52 0.00	35.10 -0.57 0.00	39.48 -0.56 0.00	50.21 -1.61 0.00	54.93 -0.95 0.00	45.81 -1.08 0.00	37.78 -0.89 0.00	32.77 -0.57 0.00	28.45 -0.40 0.00	25.48 -0.23 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	24.07 -0.27 0.00	22.56 -0.27 0.00	21.74 -0.13 0.00	21.29 -0.11 0.00	22.15 -0.16 0.00	26.20 -0.08 0.00	37.82 0.04 0.00	46.07 0.23 0.00	38.77 -0.12 0.00	30.52 0.03 0.00	28.80 0.03 0.00	28.16 -0.03 0.00	28.27 -0.06 0.00	29.15 -0.21 0.00	31.85 -0.26 0.00	35.39 -0.29 0.00	39.80 -0.24 0.00	51.26 -0.88 -0.33	55.42 -0.61 -0.16	46.45 -0.47 -0.03	38.08 -0.58 0.00	33.13 -0.20 0.00	28.71 -0.14 0.00	25.61 -0.10 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	23.73 -0.61 0.00	22.26 -0.57 0.00	21.47 -0.39 0.00	21.03 -0.36 0.00	21.86 -0.45 0.00	25.85 -0.42 0.00	37.25 -0.53 0.00	45.34 -0.50 0.00	38.15 -0.74 0.00	30.06 -0.43 0.00	28.46 -0.32 0.00	27.83 -0.37 0.00	27.93 -0.40 0.00	28.77 -0.59 0.00	31.40 -0.71 0.00	34.85 -0.82 0.00	39.20 -0.84 0.00	49.90 -1.92 0.00	54.20 -1.68 0.00	45.53 -1.36 0.00	37.39 -1.28 0.00	32.60 -0.73 0.00	28.31 -0.55 0.00	25.28 -0.44 0.00
STA_56___34_KV_BUS2 355983	23.73 -0.61 0.00	22.26 -0.57 0.00	21.47 -0.39 0.00	21.03 -0.36 0.00	21.86 -0.45 0.00	25.85 -0.42 0.00	37.25 -0.53 0.00	45.34 -0.50 0.00	38.15 -0.74 0.00	30.06 -0.43 0.00	28.46 -0.32 0.00	27.83 -0.37 0.00	27.93 -0.40 0.00	28.77 -0.59 0.00	31.40 -0.71 0.00	34.85 -0.82 0.00	39.20 -0.84 0.00	49.90 -1.92 0.00	54.20 -1.68 0.00	45.53 -1.36 0.00	37.39 -1.28 0.00	32.60 -0.73 0.00	28.31 -0.55 0.00	25.28 -0.44 0.00
STA_67___115KV_BK2 355882	23.83 -0.51 0.00	22.36 -0.48 0.00	21.58 -0.28 0.00	21.14 -0.26 0.00	21.95 -0.36 0.00	25.96 -0.32 0.00	37.40 -0.38 0.00	45.47 -0.37 0.00	38.27 -0.62 0.00	30.19 -0.30 0.00	28.54 -0.23 0.00	27.94 -0.25 0.00	28.04 -0.28 0.00	28.86 -0.50 0.00	31.50 -0.61 0.00	34.92 -0.75 0.00	39.28 -0.76 0.00	49.95 -1.87 0.00	54.26 -1.62 0.00	45.62 -1.27 0.00	37.46 -1.20 0.00	32.70 -0.63 0.00	28.42 -0.43 0.00	25.41 -0.31 0.00
STA_7___115KV_9TRANS 80674	23.95 -0.39 0.00	22.47 -0.37 0.00	21.67 -0.20 0.00	21.24 -0.15 0.00	22.06 -0.25 0.00	26.09 -0.18 0.00	37.63 -0.15 0.00	45.79 -0.05 0.00	38.50 -0.39 0.00	30.37 -0.12 0.00	28.71 -0.06 0.00	28.11 -0.08 0.00	28.21 -0.11 0.00	29.06 -0.29 0.00	31.69 -0.42 0.00	35.17 -0.50 0.00	39.56 -0.48 0.00	50.36 -1.45 0.00	54.70 -1.17 0.00	46.00 -0.89 0.00	37.73 -0.93 0.00	32.93 -0.40 0.00	28.57 -0.29 0.00	25.54 -0.18 0.00
STA_82___115KV_TB1 80780	23.83 -0.51 0.00	22.36 -0.48 0.00	21.58 -0.28 0.00	21.14 -0.26 0.00	21.97 -0.33 0.00	25.96 -0.32 0.00	37.44 -0.34 0.00	45.47 -0.37 0.00	38.27 -0.62 0.00	30.19 -0.30 0.00	28.57 -0.20 0.00	27.94 -0.25 0.00	28.04 -0.28 0.00	28.89 -0.47 0.00	31.50 -0.61 0.00	34.92 -0.75 0.00	39.28 -0.76 0.00	50.00 -1.81 0.00	54.26 -1.62 0.00	45.62 -1.27 0.00	37.46 -1.20 0.00	32.70 -0.63 0.00	28.42 -0.43 0.00	25.41 -0.31 0.00
STEEL___WIND 323596	24.49 0.15 0.00	22.68 -0.16 0.00	22.02 0.15 0.00	21.65 0.26 0.00	22.39 0.09 0.00	26.54 0.26 0.00	38.31 0.53 0.00	46.39 0.55 0.00	39.44 0.54 0.00	31.04 0.55 0.00	29.32 0.55 0.00	28.64 0.45 0.00	28.80 0.48 0.00	29.50 0.15 0.00	32.14 0.03 0.00	35.49 -0.18 0.00	40.00 -0.04 0.00	50.21 -1.61 0.00	54.98 -0.90 0.00	45.76 -1.13 0.00	37.70 -0.97 0.00	32.87 -0.47 0.00	28.71 -0.14 0.00	25.90 0.18 0.00
STEPHTWN_115KV_BK_2 55603	25.12 0.78 0.00	23.52 0.69 0.00	22.46 0.59 0.00	21.93 0.53 0.00	22.88 0.58 0.00	27.04 0.76 0.00	38.84 1.06 0.00	47.08 1.24 0.00	40.17 1.28 0.00	31.31 0.82 0.00	29.52 0.75 0.00	28.98 0.79 0.00	29.26 0.93 0.00	30.41 1.06 0.00	33.23 1.12 0.00	37.03 1.36 0.00	41.72 1.68 0.00	54.41 2.59 0.00	58.84 2.96 0.00	49.28 2.39 0.00	40.56 1.89 0.00	34.70 1.37 0.00	30.10 1.24 0.00	26.80 1.08 0.00
STEUBEN_REC_LFGE 323667	24.51 0.17 0.00	23.09 0.25 0.00	22.28 0.42 0.00	21.89 0.49 0.00	22.75 0.45 0.00	26.93 0.66 0.00	39.25 1.47 0.00	47.77 1.93 0.00	40.06 1.17 0.00	31.62 1.13 0.00	29.98 1.21 0.00	29.26 1.07 0.00	29.32 0.99 0.00	30.15 0.79 0.00	32.85 0.74 0.00	36.38 0.71 0.00	41.00 0.96 0.00	52.13 0.31 0.00	56.49 0.61 0.00	47.45 0.56 0.00	38.59 -0.08 0.00	33.83 0.50 0.00	29.29 0.43 0.00	26.20 0.49 0.00
STILLWATER___SOLAR 323814	25.48 1.14 0.00	23.91 1.07 0.00	22.81 0.94 0.00	22.29 0.90 0.00	23.26 0.96 0.00	27.46 1.18 0.00	39.55 1.78 0.00	48.00 2.15 0.00	40.76 1.87 0.00	31.77 1.28 0.00	29.92 1.15 0.00	29.35 1.16 0.00	29.63 1.30 0.00	30.77 1.41 0.00	33.65 1.54 0.00	37.60 1.92 0.00	42.36 2.32 0.00	55.29 3.47 0.00	60.12 4.24 0.00	50.08 3.19 0.00	41.25 2.59 0.00	35.27 1.93 0.00	30.44 1.59 0.00	27.10 1.39 0.00
STONY___BROOK 24151	25.78 1.44 0.00	24.18 1.35 0.00	23.00 1.14 0.00	22.27 0.88 0.00	23.42 1.11 0.00	27.69 1.42 0.00	37.41 0.87 1.24	38.46 1.15 8.52	34.38 1.32 5.83	29.65 1.04 1.88	28.98 1.26 1.06	29.44 1.44 0.19	29.00 1.42 0.74	31.01 1.85 0.20	31.03 1.86 2.94	33.91 2.03 3.80	38.97 2.12 3.19	52.91 3.21 2.12	58.01 4.08 1.94	49.43 2.91 0.37	38.98 2.32 2.00	34.84 1.83 0.33	30.34 1.50 0.02	28.14 2.42 -0.01
STURGEON_POOL_HYD 23609	25.61 1.27 0.00	23.86 1.03 0.00	22.83 0.96 0.00	22.27 0.88 0.00	23.24 0.94 0.00	27.25 0.97 0.00	39.29 1.51 0.00	47.81 1.97 0.00	40.91 2.02 0.00	32.11 1.62 0.00	30.41 1.64 0.00	29.91 1.72 0.00	30.11 1.78 0.00	31.27 1.91 0.00	34.23 2.12 0.00	37.92 2.25 0.00	42.28 2.24 0.00	55.18 3.37 0.00	59.62 3.74 0.00	49.84 2.95 0.00	40.94 2.28 0.00	35.17 1.83 0.00	30.47 1.62 0.00	27.31 1.59 0.00
ST_LAW_115_BK7_LBMP 345037	24.22 -0.12 0.00	22.90 0.07 0.00	21.91 0.04 0.00	21.48 0.09 0.00	22.42 0.11 0.00	26.35 0.08 0.00	37.70 -0.08 0.00	45.61 -0.23 0.00	38.58 -0.31 0.00	30.31 -0.18 0.00	28.60 -0.17 0.00	27.97 -0.23 0.00	28.04 -0.28 0.00	29.09 -0.26 0.00	31.85 -0.26 0.00	35.21 -0.46 0.00	39.68 -0.36 0.00	51.20 -0.62 0.00	54.42 -1.45 0.00	46.05 -0.84 0.00	38.08 -0.58 0.00	32.83 -0.50 0.00	28.48 -0.38 0.00	25.30 -0.41 0.00



ST_LAW_115_BK8_LBMP 345038	24.22 -0.12 0.00	22.90 0.07 0.00	21.91 0.04 0.00	21.48 0.09 0.00	22.42 0.11 0.00	26.35 0.08 0.00	37.70 -0.08 0.00	45.61 -0.23 0.00	38.58 -0.31 0.00	30.31 -0.18 0.00	28.60 -0.17 0.00	27.97 -0.23 0.00	28.04 -0.28 0.00	29.09 -0.26 0.00	31.85 -0.26 0.00	35.21 -0.46 0.00	39.68 -0.36 0.00	51.20 -0.62 0.00	54.42 -1.45 0.00	46.05 -0.84 0.00	38.08 -0.58 0.00	32.83 -0.50 0.00	28.48 -0.38 0.00	25.30 -0.41 0.00
ST_LAW_230_BK5_LBMP 345035	24.22 -0.12 0.00	22.90 0.07 0.00	21.91 0.04 0.00	21.48 0.09 0.00	22.39 0.09 0.00	26.33 0.05 0.00	37.66 -0.11 0.00	45.61 -0.23 0.00	38.58 -0.31 0.00	30.31 -0.18 0.00	28.60 -0.17 0.00	28.00 -0.20 0.00	28.07 -0.26 0.00	29.09 -0.26 0.00	31.85 -0.26 0.00	35.21 -0.46 0.00	39.68 -0.36 0.00	51.25 -0.57 0.00	54.48 -1.39 0.00	46.09 -0.80 0.00	38.08 -0.58 0.00	32.83 -0.50 0.00	28.48 -0.38 0.00	25.30 -0.41 0.00
ST_LAW_230_BK6_LBMP 345036	24.22 -0.12 0.00	22.90 0.07 0.00	21.91 0.04 0.00	21.48 0.09 0.00	22.39 0.09 0.00	26.33 0.05 0.00	37.66 -0.11 0.00	45.61 -0.23 0.00	38.58 -0.31 0.00	30.31 -0.18 0.00	28.60 -0.17 0.00	28.00 -0.20 0.00	28.07 -0.26 0.00	29.09 -0.26 0.00	31.85 -0.26 0.00	35.21 -0.46 0.00	39.68 -0.36 0.00	51.25 -0.57 0.00	54.48 -1.39 0.00	46.09 -0.80 0.00	38.08 -0.58 0.00	32.83 -0.50 0.00	28.48 -0.38 0.00	25.30 -0.41 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	25.51 1.17 0.00	23.82 0.98 0.00	22.76 0.90 0.00	22.21 0.81 0.00	23.17 0.87 0.00	27.22 0.95 0.00	39.25 1.47 0.00	47.77 1.93 0.00	40.80 1.91 0.00	32.02 1.52 0.00	30.33 1.55 0.00	29.80 1.61 0.00	29.97 1.64 0.00	31.09 1.73 0.00	34.04 1.93 0.00	37.70 2.03 0.00	42.12 2.08 0.00	54.92 3.11 0.00	59.40 3.52 0.00	49.70 2.81 0.00	40.83 2.17 0.00	35.10 1.77 0.00	30.41 1.56 0.00	27.26 1.54 0.00
SWANROAD_115KV_TB1 355699	23.27 -1.07 0.00	21.85 -0.98 0.00	21.23 -0.63 0.00	20.82 -0.58 0.00	21.55 -0.76 0.00	25.43 -0.84 0.00	36.64 -1.13 0.00	44.24 -1.60 0.00	37.18 -1.71 0.00	29.48 -1.01 0.00	28.11 -0.66 0.00	27.46 -0.73 0.00	27.50 -0.82 0.00	28.24 -1.12 0.00	30.70 -1.41 0.00	33.89 -1.78 0.00	38.12 -1.92 0.00	47.77 -4.04 0.00	51.80 -4.08 0.00	43.65 -3.24 0.00	35.80 -2.86 0.00	31.63 -1.70 0.00	27.70 -1.15 0.00	25.00 -0.72 0.00
SYNERGY___BIOGAS 323694	24.39 0.05 0.00	22.61 -0.23 0.00	21.96 0.09 0.00	21.55 0.15 0.00	22.33 0.02 0.00	26.51 0.24 0.00	38.27 0.49 0.00	46.62 0.78 0.00	39.36 0.47 0.00	30.95 0.46 0.00	29.12 0.35 0.00	28.42 0.22 0.00	28.61 0.28 0.00	29.30 -0.06 0.00	31.98 -0.13 0.00	35.42 -0.25 0.00	39.92 -0.12 0.00	50.36 -1.45 0.00	55.32 -0.56 0.00	46.09 -0.80 0.00	38.01 -0.66 0.00	33.07 -0.27 0.00	28.77 -0.09 0.00	25.84 0.13 0.00
SYRACUSE___ENERGY_ST1 323597	24.02 -0.32 0.00	22.52 -0.32 0.00	21.58 -0.28 0.00	21.14 -0.26 0.00	22.01 -0.29 0.00	25.99 -0.29 0.00	37.40 -0.38 0.00	45.43 -0.41 0.00	38.42 -0.47 0.00	30.16 -0.34 0.00	28.40 -0.37 0.00	27.77 -0.42 0.00	27.93 -0.40 0.00	28.89 -0.47 0.00	31.56 -0.55 0.00	35.17 -0.50 0.00	39.48 -0.56 0.00	52.75 -0.88 -1.82	55.97 -0.78 -0.87	46.40 -0.66 -0.17	38.08 -0.58 0.00	32.93 -0.40 0.00	28.54 -0.32 0.00	25.38 -0.33 0.00
SYRACUSE___ENERGY_ST2 323598	24.02 -0.32 0.00	22.52 -0.32 0.00	21.58 -0.28 0.00	21.14 -0.26 0.00	22.01 -0.29 0.00	25.99 -0.29 0.00	37.40 -0.38 0.00	45.43 -0.41 0.00	38.42 -0.47 0.00	30.16 -0.34 0.00	28.40 -0.37 0.00	27.77 -0.42 0.00	27.93 -0.40 0.00	28.89 -0.47 0.00	31.56 -0.55 0.00	35.17 -0.50 0.00	39.48 -0.56 0.00	52.75 -0.88 -1.82	55.97 -0.78 -0.87	46.40 -0.66 -0.17	38.08 -0.58 0.00	32.93 -0.40 0.00	28.54 -0.32 0.00	25.38 -0.33 0.00
SYRACUSE___POWER 24017	23.97 -0.37 0.00	22.47 -0.37 0.00	21.54 -0.33 0.00	21.09 -0.30 0.00	21.97 -0.33 0.00	25.93 -0.34 0.00	37.32 -0.45 0.00	45.38 -0.46 0.00	38.39 -0.51 0.00	30.09 -0.40 0.00	28.34 -0.43 0.00	27.74 -0.45 0.00	27.87 -0.45 0.00	28.83 -0.53 0.00	31.53 -0.58 0.00	35.10 -0.57 0.00	39.40 -0.64 0.00	52.09 -0.98 -1.26	55.64 -0.84 -0.60	46.26 -0.75 -0.12	38.04 -0.62 0.00	32.87 -0.47 0.00	28.48 -0.38 0.00	25.33 -0.39 0.00
TALLMAN___138KV_BK151 55660	25.58 1.24 0.00	23.86 1.03 0.00	22.79 0.92 0.00	22.23 0.83 0.00	23.20 0.89 0.00	27.25 0.97 0.00	39.25 1.47 0.00	47.81 1.97 0.00	40.87 1.98 0.00	32.11 1.62 0.00	30.47 1.70 0.00	29.94 1.75 0.00	30.11 1.78 0.00	31.24 1.88 0.00	34.13 2.02 0.00	37.78 2.10 0.00	42.16 2.12 0.00	54.98 3.16 0.00	59.51 3.63 0.00	49.75 2.86 0.00	40.91 2.24 0.00	35.17 1.83 0.00	30.50 1.64 0.00	27.34 1.62 0.00
TEALLAVE_115KV_TB7 355573	23.93 -0.41 0.00	22.42 -0.41 0.00	21.50 -0.37 0.00	21.05 -0.34 0.00	21.92 -0.38 0.00	25.88 -0.39 0.00	37.25 -0.53 0.00	45.24 -0.60 0.00	38.27 -0.62 0.00	30.03 -0.46 0.00	28.31 -0.46 0.00	27.71 -0.48 0.00	27.84 -0.48 0.00	28.80 -0.56 0.00	31.50 -0.61 0.00	35.03 -0.64 0.00	39.28 -0.76 0.00	51.72 -1.14 -1.04	55.31 -1.06 -0.50	46.10 -0.89 -0.10	37.93 -0.73 0.00	32.80 -0.53 0.00	28.42 -0.43 0.00	25.28 -0.44 0.00
TELGRAPH_34_KV_EAST 80808	23.80 -0.54 0.00	22.36 -0.48 0.00	21.69 -0.17 0.00	21.24 -0.15 0.00	22.01 -0.29 0.00	26.01 -0.26 0.00	37.59 -0.19 0.00	45.57 -0.28 0.00	38.23 -0.66 0.00	30.28 -0.21 0.00	28.77 0.00 0.00	28.11 -0.08 0.00	28.18 -0.14 0.00	28.95 -0.41 0.00	31.53 -0.58 0.00	34.85 -0.82 0.00	39.24 -0.80 0.00	49.33 -2.49 0.00	53.59 -2.29 0.00	45.11 -1.78 0.00	36.96 -1.70 0.00	32.53 -0.80 0.00	28.39 -0.46 0.00	25.54 -0.18 0.00
TEMPLE___115KV_TB 2 55572	23.95 -0.39 0.00	22.42 -0.41 0.00	21.52 -0.35 0.00	21.05 -0.34 0.00	21.92 -0.38 0.00	25.88 -0.39 0.00	37.25 -0.53 0.00	45.24 -0.60 0.00	38.31 -0.58 0.00	30.03 -0.46 0.00	28.31 -0.46 0.00	27.71 -0.48 0.00	27.84 -0.48 0.00	28.80 -0.56 0.00	31.50 -0.61 0.00	35.06 -0.61 0.00	39.32 -0.72 0.00	51.77 -1.09 -1.04	55.37 -1.01 -0.50	46.14 -0.84 -0.10	37.97 -0.70 0.00	32.80 -0.53 0.00	28.42 -0.43 0.00	25.30 -0.41 0.00
TIANA____69_KV_BK 1 55817	25.73 1.39 0.00	23.86 1.03 0.00	22.74 0.87 0.00	22.10 0.71 0.00	23.17 0.87 0.00	27.67 1.39 0.00	37.79 1.25 1.24	38.99 1.70 8.55	34.72 1.67 5.85	29.38 0.76 1.88	28.66 0.95 1.06	29.20 1.18 0.18	28.72 1.13 0.74	31.13 1.97 0.19	31.54 2.38 2.95	34.33 2.46 3.80	39.69 2.84 3.19	53.95 4.25 2.12	58.86 4.92 1.94	50.37 3.84 0.36	39.49 2.82 2.00	35.08 2.07 0.32	30.70 1.85 0.01	28.62 2.91 0.00
TILDEN___115KV_TB1 80814	23.97 -0.37 0.00	22.47 -0.37 0.00	21.54 -0.33 0.00	21.09 -0.30 0.00	21.97 -0.33 0.00	25.93 -0.34 0.00	37.32 -0.45 0.00	45.38 -0.46 0.00	38.39 -0.51 0.00	30.09 -0.40 0.00	28.34 -0.43 0.00	27.74 -0.45 0.00	27.87 -0.45 0.00	28.83 -0.53 0.00	31.53 -0.58 0.00	35.10 -0.57 0.00	39.40 -0.64 0.00	52.09 -0.98 -1.26	55.64 -0.84 -0.60	46.26 -0.75 -0.12	38.04 -0.62 0.00	32.87 -0.47 0.00	28.48 -0.38 0.00	25.33 -0.39 0.00



TRIGEN___CC 323695	25.87 1.53 0.00	24.05 1.21 0.00	22.96 1.09 0.00	22.36 0.96 0.00	23.37 1.07 0.00	27.51 1.23 0.00	38.64 1.21 0.35	45.11 1.65 2.38	39.06 1.83 1.66	31.54 1.59 0.53	30.11 1.64 0.30	29.95 1.80 0.05	29.98 1.87 0.21	31.30 2.00 0.05	33.46 2.18 0.84	36.84 2.28 1.12	41.31 2.28 1.01	54.57 3.42 0.67	59.18 3.91 0.61	49.78 3.00 0.11	40.35 2.32 0.63	35.07 1.83 0.10	30.47 1.62 0.00	27.85 2.13 0.00
TRINITY___115KV___4 BK 55933	24.95 0.61 0.00	23.36 0.53 0.00	22.31 0.44 0.00	21.78 0.39 0.00	22.73 0.42 0.00	26.80 0.53 0.00	38.50 0.72 0.00	46.71 0.87 0.00	39.82 0.93 0.00	31.07 0.58 0.00	29.29 0.52 0.00	28.78 0.59 0.00	29.03 0.71 0.00	30.21 0.85 0.00	33.01 0.90 0.00	36.71 1.03 0.00	41.32 1.28 0.00	53.78 1.97 0.00	58.17 2.29 0.00	48.77 1.88 0.00	40.13 1.47 0.00	34.40 1.07 0.00	29.84 0.98 0.00	26.59 0.87 0.00
UNION___PROCESSING_DRP 323587	23.83 -0.51 0.00	22.38 -0.46 0.00	21.58 -0.28 0.00	21.14 -0.26 0.00	21.97 -0.33 0.00	25.96 -0.32 0.00	37.44 -0.34 0.00	45.47 -0.37 0.00	38.31 -0.58 0.00	30.19 -0.30 0.00	28.57 -0.20 0.00	27.97 -0.23 0.00	28.04 -0.28 0.00	28.89 -0.47 0.00	31.50 -0.61 0.00	34.92 -0.75 0.00	39.28 -0.76 0.00	50.00 -1.81 0.00	54.31 -1.56 0.00	45.67 -1.22 0.00	37.46 -1.20 0.00	32.70 -0.63 0.00	28.42 -0.43 0.00	25.41 -0.31 0.00
UPPER HUDSON___HYD 24058	25.26 0.92 0.00	23.75 0.91 0.00	22.63 0.76 0.00	22.12 0.73 0.00	23.06 0.76 0.00	27.27 1.00 0.00	39.36 1.59 0.00	47.77 1.92 0.00	40.60 1.71 0.00	31.59 1.10 0.00	29.72 0.95 0.00	29.15 0.96 0.00	29.43 1.10 0.00	30.56 1.20 0.00	33.43 1.32 0.00	37.45 1.78 0.00	42.28 2.24 0.00	55.23 3.42 0.00	60.12 4.24 0.00	50.03 3.14 0.00	41.14 2.48 0.00	35.13 1.80 0.00	30.24 1.39 0.00	26.90 1.18 0.00
UPPER RAQUET___HYD 24056	24.46 0.12 0.00	23.22 0.39 0.00	22.22 0.35 0.00	21.78 0.39 0.00	22.75 0.45 0.00	26.77 0.50 0.00	38.42 0.64 0.00	46.53 0.69 0.00	39.20 0.31 0.00	30.73 0.24 0.00	28.95 0.17 0.00	28.31 0.11 0.00	28.30 -0.03 0.00	29.36 0.00 0.00	32.21 0.10 0.00	35.53 -0.14 0.00	40.24 0.20 0.00	52.08 -0.05 -0.32	55.13 -0.90 -0.15	46.54 -0.38 -0.03	38.51 -0.15 0.00	33.20 -0.13 0.00	28.77 -0.09 0.00	25.51 -0.21 0.00
VALLEY44_115KV_TB2 355964	24.41 0.07 0.00	22.90 0.07 0.00	22.17 0.31 0.00	21.69 0.30 0.00	22.50 0.20 0.00	26.56 0.29 0.00	38.68 0.91 0.00	46.89 1.05 0.00	39.40 0.51 0.00	31.19 0.70 0.00	29.75 0.98 0.00	29.04 0.85 0.00	29.00 0.68 0.00	29.80 0.44 0.00	32.46 0.35 0.00	35.81 0.14 0.00	40.44 0.40 0.00	51.09 -0.73 0.00	55.38 -0.50 0.00	46.66 -0.23 0.00	38.01 -0.66 0.00	33.40 0.07 0.00	29.14 0.29 0.00	26.28 0.57 0.00
VALLEY___115KV_TB 1-4 80826	24.17 -0.17 0.00	22.68 -0.16 0.00	21.72 -0.15 0.00	21.24 -0.15 0.00	22.17 -0.13 0.00	26.14 -0.13 0.00	37.66 -0.11 0.00	45.61 -0.23 0.00	38.66 -0.23 0.00	30.31 -0.18 0.00	28.54 -0.23 0.00	28.02 -0.17 0.00	28.10 -0.23 0.00	29.12 -0.23 0.00	31.89 -0.22 0.00	35.46 -0.21 0.00	39.80 -0.24 0.00	51.50 -0.31 0.00	55.43 -0.45 0.00	46.47 -0.42 0.00	38.24 -0.43 0.00	33.07 -0.27 0.00	28.60 -0.26 0.00	25.48 -0.23 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	25.73 1.39 0.00	24.09 1.26 0.00	23.05 1.18 0.00	22.53 1.13 0.00	23.51 1.20 0.00	27.69 1.42 0.00	40.16 2.38 0.00	48.87 3.03 0.00	41.30 2.41 0.00	32.44 1.95 0.00	30.53 1.76 0.00	29.88 1.69 0.00	29.85 1.53 0.00	30.85 1.50 0.00	33.84 1.73 0.00	37.60 1.93 0.00	42.28 2.24 0.00	54.98 3.16 0.00	59.40 3.52 0.00	49.89 3.00 0.00	41.02 2.36 0.00	35.53 2.20 0.00	30.73 1.88 0.00	27.44 1.72 0.00
VISCHER___FERRY HYD 24020	25.31 0.97 0.00	23.75 0.91 0.00	22.65 0.79 0.00	22.14 0.75 0.00	23.11 0.80 0.00	27.25 0.97 0.00	39.21 1.44 0.00	47.63 1.79 0.00	40.45 1.56 0.00	31.56 1.07 0.00	29.78 1.01 0.00	29.24 1.04 0.00	29.46 1.13 0.00	30.68 1.32 0.00	33.52 1.41 0.00	37.35 1.68 0.00	42.00 1.96 0.00	54.71 2.90 0.00	59.57 3.69 0.00	49.61 2.72 0.00	40.87 2.20 0.00	35.00 1.67 0.00	30.27 1.41 0.00	26.95 1.23 0.00
V_A_10_SYNC_DSASP 323832	23.85 -0.49 0.00	22.13 -0.71 0.00	21.45 -0.42 0.00	21.07 -0.32 0.00	21.81 -0.49 0.00	25.85 -0.42 0.00	37.17 -0.61 0.00	44.97 -0.87 0.00	38.15 -0.74 0.00	30.06 -0.43 0.00	28.37 -0.40 0.00	27.74 -0.45 0.00	27.90 -0.42 0.00	28.57 -0.79 0.00	31.11 -1.00 0.00	34.46 -1.21 0.00	38.72 -1.32 0.00	48.86 -2.95 0.00	53.48 -2.40 0.00	44.59 -2.30 0.00	36.85 -1.82 0.00	32.17 -1.17 0.00	28.08 -0.78 0.00	25.28 -0.44 0.00
V_CMM_10_SYNC_DSASP 323787	24.32 -0.02 0.00	23.04 0.21 0.00	22.02 0.15 0.00	21.59 0.19 0.00	22.53 0.22 0.00	26.48 0.21 0.00	37.89 0.11 0.00	45.84 0.00 0.00	38.78 -0.12 0.00	30.43 -0.06 0.00	28.74 -0.03 0.00	28.11 -0.08 0.00	28.18 -0.14 0.00	29.24 -0.12 0.00	32.01 -0.10 0.00	35.35 -0.32 0.00	39.92 -0.12 0.00	51.51 -0.31 0.00	54.70 -1.18 0.00	46.28 -0.61 0.00	38.28 -0.39 0.00	32.97 -0.37 0.00	28.60 -0.26 0.00	25.41 -0.31 0.00
V_CMP_10_SYNC_DSASP 323788	24.80 0.46 0.00	23.70 0.87 0.00	22.65 0.79 0.00	22.25 0.86 0.00	23.24 0.94 0.00	27.38 1.10 0.00	37.63 -0.15 0.00	44.74 -1.10 0.00	37.76 -1.13 0.00	30.43 -0.06 0.00	28.77 0.00 0.00	28.11 -0.08 0.00	28.13 -0.20 0.00	29.21 -0.15 0.00	31.98 -0.13 0.00	34.32 -1.36 0.00	38.96 -1.08 0.00	50.36 -1.45 0.00	53.14 -2.74 0.00	44.73 -2.16 0.00	36.81 -1.86 0.00	32.27 -1.07 0.00	28.86 0.00 0.00	25.46 -0.26 0.00
V_D_10_SYNC_DSASP 323841	24.44 0.10 0.00	23.18 0.34 0.00	22.15 0.28 0.00	21.72 0.32 0.00	22.66 0.36 0.00	26.64 0.37 0.00	38.16 0.38 0.00	46.21 0.37 0.00	39.01 0.12 0.00	30.61 0.12 0.00	28.89 0.12 0.00	28.25 0.06 0.00	28.30 -0.03 0.00	29.39 0.03 0.00	32.17 0.06 0.00	35.53 -0.14 0.00	40.12 0.08 0.00	51.61 -0.21 0.00	54.81 -1.06 0.00	46.37 -0.51 0.00	38.47 -0.19 0.00	33.13 -0.20 0.00	28.74 -0.11 0.00	25.54 -0.18 0.00
V_E_10_SYNC_DSASP 323830	26.09 1.75 0.00	24.43 1.60 0.00	23.38 1.51 0.00	22.94 1.54 0.00	23.95 1.65 0.00	28.35 2.08 0.00	41.59 3.81 0.00	50.70 4.86 0.00	42.27 3.38 0.00	32.99 2.50 0.00	30.67 1.90 0.00	29.86 1.66 0.00	29.63 1.30 0.00	30.50 1.14 0.00	33.59 1.48 0.00	37.52 1.85 0.00	42.56 2.52 0.00	55.79 3.53 -0.45	60.62 4.52 -0.21	50.54 3.61 -0.04	41.33 2.67 0.00	35.97 2.63 0.00	30.93 2.08 0.00	27.41 1.70 0.00
V_F_30_NSYNC___DSASP 323816	25.51 1.17 0.00	23.95 1.12 0.00	22.83 0.96 0.00	22.31 0.92 0.00	23.28 0.98 0.00	27.48 1.21 0.00	39.59 1.81 0.00	48.04 2.20 0.00	40.84 1.94 0.00	31.80 1.31 0.00	29.98 1.21 0.00	29.40 1.21 0.00	29.66 1.33 0.00	30.82 1.47 0.00	33.72 1.60 0.00	37.67 2.00 0.00	42.44 2.40 0.00	55.34 3.53 0.00	60.24 4.36 0.00	50.12 3.23 0.00	41.29 2.63 0.00	35.33 2.00 0.00	30.47 1.61 0.00	27.13 1.41 0.00



V_F_30_SYNC_DSASP 323786	25.00 0.66 0.00	23.41 0.57 0.00	22.35 0.48 0.00	21.82 0.43 0.00	22.77 0.47 0.00	26.88 0.60 0.00	38.61 0.83 0.00	46.85 1.01 0.00	39.94 1.05 0.00	31.16 0.67 0.00	29.38 0.60 0.00	28.84 0.65 0.00	29.12 0.79 0.00	30.30 0.94 0.00	33.11 1.00 0.00	36.85 1.18 0.00	41.44 1.40 0.00	53.99 2.18 0.00	58.39 2.51 0.00	48.91 2.02 0.00	40.29 1.62 0.00	34.47 1.13 0.00	29.89 1.04 0.00	26.64 0.93 0.00
V_XM_10_SYNC_DSASP 323789	24.80 0.46 0.00	23.70 0.87 0.00	22.65 0.79 0.00	22.25 0.86 0.00	23.24 0.94 0.00	27.38 1.10 0.00	37.63 -0.15 0.00	44.74 -1.10 0.00	37.76 -1.13 0.00	30.43 -0.06 0.00	28.77 0.00 0.00	28.11 -0.08 0.00	28.13 -0.20 0.00	29.21 -0.15 0.00	31.98 -0.13 0.00	34.32 -1.36 0.00	38.96 -1.08 0.00	50.36 -1.45 0.00	53.14 -2.74 0.00	44.73 -2.16 0.00	36.81 -1.86 0.00	32.27 -1.07 0.00	28.86 0.00 0.00	25.46 -0.26 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	25.63 1.29 0.00	23.91 1.07 0.00	22.83 0.96 0.00	22.27 0.88 0.00	23.24 0.94 0.00	27.30 1.02 0.00	39.36 1.59 0.00	47.95 2.11 0.00	40.99 2.10 0.00	32.20 1.71 0.00	30.53 1.76 0.00	30.00 1.80 0.00	30.16 1.84 0.00	31.29 1.94 0.00	34.20 2.09 0.00	37.88 2.21 0.00	42.24 2.20 0.00	55.13 3.32 0.00	59.68 3.80 0.00	49.89 3.00 0.00	40.98 2.32 0.00	35.23 1.90 0.00	30.56 1.70 0.00	27.39 1.67 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	25.87 1.53 0.00	24.09 1.26 0.00	23.03 1.16 0.00	22.46 1.07 0.00	23.44 1.14 0.00	27.51 1.23 0.00	39.55 1.78 0.00	48.27 2.43 0.00	41.38 2.49 0.00	32.59 2.10 0.00	30.90 2.13 0.00	30.45 2.26 0.00	30.65 2.32 0.00	31.82 2.47 0.00	34.81 2.70 0.00	38.56 2.89 0.00	42.84 2.80 0.00	55.91 4.09 0.00	60.57 4.69 0.00	50.45 3.56 0.00	41.49 2.82 0.00	35.63 2.30 0.00	30.85 1.99 0.00	27.70 1.98 0.00
W50THST__13_KV_LOAD 356117	25.97 1.63 0.00	24.18 1.35 0.00	23.11 1.25 0.00	22.53 1.13 0.00	23.51 1.20 0.00	27.62 1.34 0.00	39.74 1.96 0.00	48.50 2.66 0.00	41.57 2.68 0.00	32.75 2.26 0.00	31.04 2.27 0.00	30.62 2.42 0.00	30.82 2.49 0.00	32.00 2.64 0.00	35.00 2.89 0.00	38.77 3.10 0.00	43.08 3.04 0.00	56.22 4.40 0.00	60.85 4.97 0.00	50.69 3.80 0.00	41.68 3.02 0.00	35.77 2.43 0.00	30.96 2.11 0.00	27.77 2.06 0.00
WADING RIVER_IC_1 23522	25.24 0.90 0.00	23.68 0.85 0.00	22.52 0.66 0.00	21.78 0.39 0.00	22.93 0.62 0.00	27.43 1.15 0.00	37.63 1.10 1.24	38.71 1.42 8.56	34.36 1.32 5.86	28.88 0.27 1.88	28.28 0.58 1.07	28.79 0.79 0.19	28.29 0.71 0.74	31.01 1.85 0.20	31.05 1.89 2.95	34.14 2.28 3.81	39.36 2.52 3.20	53.63 3.94 2.13	58.90 4.97 1.95	50.22 3.70 0.37	39.40 2.75 2.01	34.87 1.87 0.33	30.40 1.56 0.02	28.17 2.44 -0.01
WADING RIVER_IC_2 23547	25.24 0.90 0.00	23.68 0.85 0.00	22.52 0.66 0.00	21.78 0.39 0.00	22.93 0.62 0.00	27.43 1.15 0.00	37.63 1.10 1.24	38.71 1.42 8.56	34.36 1.32 5.86	28.88 0.27 1.88	28.28 0.58 1.07	28.79 0.79 0.19	28.29 0.71 0.74	31.01 1.85 0.20	31.05 1.89 2.95	34.14 2.28 3.81	39.36 2.52 3.20	53.63 3.94 2.13	58.90 4.97 1.95	50.22 3.70 0.37	39.40 2.75 2.01	34.87 1.87 0.33	30.40 1.56 0.02	28.17 2.44 -0.01
WADING RIVER_IC_3 23601	25.24 0.90 0.00	23.68 0.85 0.00	22.52 0.66 0.00	21.78 0.39 0.00	22.93 0.62 0.00	27.43 1.15 0.00	37.63 1.10 1.24	38.71 1.42 8.56	34.36 1.32 5.86	28.88 0.27 1.88	28.28 0.58 1.07	28.79 0.79 0.19	28.29 0.71 0.74	31.01 1.85 0.20	31.05 1.89 2.95	34.14 2.28 3.81	39.36 2.52 3.20	53.63 3.94 2.13	58.90 4.97 1.95	50.22 3.70 0.37	39.40 2.75 2.01	34.87 1.87 0.33	30.40 1.56 0.02	28.17 2.44 -0.01
WALDENNY_12_KV_BK2 80841	24.10 -0.24 0.00	22.61 -0.23 0.00	21.96 0.09 0.00	21.50 0.11 0.00	22.28 -0.02 0.00	26.33 0.05 0.00	38.08 0.30 0.00	46.12 0.28 0.00	38.74 -0.16 0.00	30.73 0.24 0.00	29.29 0.52 0.00	28.62 0.42 0.00	28.66 0.34 0.00	29.47 0.12 0.00	32.11 0.00 0.00	35.39 -0.29 0.00	39.88 -0.16 0.00	50.00 -1.81 0.00	54.20 -1.68 0.00	45.62 -1.27 0.00	37.27 -1.39 0.00	32.83 -0.50 0.00	28.68 -0.17 0.00	25.84 0.13 0.00
WALDEN__HYDRO 24148	25.63 1.29 0.00	23.93 1.10 0.00	22.87 1.01 0.00	22.31 0.92 0.00	23.29 0.98 0.00	27.33 1.05 0.00	39.44 1.66 0.00	47.99 2.15 0.00	41.03 2.14 0.00	32.17 1.68 0.00	30.44 1.67 0.00	29.91 1.72 0.00	30.08 1.76 0.00	31.24 1.88 0.00	34.20 2.09 0.00	37.95 2.28 0.00	42.40 2.36 0.00	55.34 3.52 0.00	59.85 3.97 0.00	50.03 3.14 0.00	41.10 2.44 0.00	35.30 1.97 0.00	30.56 1.70 0.00	27.36 1.65 0.00
WARRENSBURG____ 23737	25.26 0.92 0.00	23.75 0.91 0.00	22.63 0.76 0.00	22.12 0.73 0.00	23.06 0.76 0.00	27.27 1.00 0.00	39.36 1.59 0.00	47.77 1.92 0.00	40.60 1.71 0.00	31.59 1.10 0.00	29.72 0.95 0.00	29.15 0.96 0.00	29.43 1.10 0.00	30.56 1.20 0.00	33.43 1.32 0.00	37.45 1.78 0.00	42.28 2.24 0.00	55.23 3.42 0.00	60.12 4.24 0.00	50.03 3.14 0.00	41.14 2.48 0.00	35.13 1.80 0.00	30.24 1.39 0.00	26.90 1.18 0.00
WATERSIDE____6 8 9 23538	26.00 1.66 -0.01	24.18 1.35 0.00	23.14 1.27 0.00	22.55 1.16 0.00	23.53 1.23 0.00	27.54 1.26 0.00	39.44 1.66 0.00	47.95 2.11 0.00	41.22 2.33 0.00	32.59 2.10 0.00	30.90 2.13 0.00	30.48 2.28 0.00	30.67 2.35 0.00	31.85 2.50 0.00	34.84 2.73 0.00	38.56 2.89 0.00	42.72 2.68 0.00	55.70 3.89 0.00	60.29 4.41 0.00	50.22 3.33 0.00	41.37 2.71 0.00	35.60 2.27 0.00	30.90 2.05 0.00	27.77 2.06 0.00
WATKINRD_115KV_LN8_ILLION 55919	24.27 -0.07 0.00	22.74 -0.09 0.00	21.78 -0.09 0.00	21.31 -0.09 0.00	22.21 -0.09 0.00	26.20 -0.08 0.00	37.70 -0.08 0.00	45.70 -0.14 0.00	38.77 -0.12 0.00	30.40 -0.09 0.00	28.63 -0.14 0.00	28.11 -0.08 0.00	28.21 -0.11 0.00	29.24 -0.12 0.00	32.01 -0.10 0.00	35.56 -0.11 0.00	39.92 -0.12 0.00	51.71 -0.10 0.00	55.77 -0.11 0.00	46.75 -0.14 0.00	38.51 -0.15 0.00	33.23 -0.10 0.00	28.77 -0.09 0.00	25.64 -0.08 0.00
WATSON__69_KV_BK 1 55734	26.17 1.83 0.00	24.27 1.44 0.00	23.14 1.27 0.00	22.51 1.11 0.00	23.58 1.27 0.00	27.88 1.60 0.00	37.87 1.28 1.19	39.32 1.74 8.26	35.11 1.87 5.65	30.11 1.43 1.81	29.30 1.55 1.02	29.77 1.75 0.17	29.37 1.76 0.71	31.26 2.08 0.18	31.61 2.34 2.85	34.41 2.43 3.68	39.61 2.68 3.11	53.48 3.73 2.06	58.29 4.30 1.89	49.82 3.28 0.35	39.34 2.63 1.95	35.09 2.07 0.31	30.67 1.82 0.01	28.54 2.83 0.00
WDELAWARE__HYD 323627	25.75 1.41 0.00	24.11 1.28 0.00	23.00 1.14 0.00	22.46 1.07 0.00	23.46 1.16 0.00	27.54 1.26 0.00	39.85 2.08 0.00	48.41 2.57 0.00	41.19 2.29 0.00	32.26 1.77 0.00	30.56 1.78 0.00	29.97 1.78 0.00	30.11 1.79 0.00	31.24 1.88 0.00	34.26 2.15 0.00	38.13 2.46 0.00	42.60 2.56 0.00	55.70 3.89 0.00	60.57 4.69 0.00	50.36 3.47 0.00	41.37 2.71 0.00	35.57 2.23 0.00	30.68 1.82 0.00	27.41 1.70 0.00



WEST BABYLON___IC 23714	26.19 1.85 0.00	24.27 1.44 0.00	23.16 1.29 0.00	22.53 1.13 0.00	23.58 1.27 0.00	27.83 1.55 0.00	38.00 1.32 1.10	40.01 1.79 7.62	35.58 1.91 5.22	30.37 1.56 1.67	29.47 1.64 0.94	29.87 1.83 0.16	29.51 1.84 0.66	31.27 2.08 0.17	31.83 2.34 2.63	34.67 2.43 3.42	39.75 2.64 2.93	53.60 3.73 1.94	58.40 4.30 1.78	49.84 3.28 0.33	39.42 2.59 1.84	35.07 2.03 0.29	30.61 1.76 0.01	28.42 2.70 0.00
WEST CANADA___HYD 24049	24.44 0.10 0.00	22.90 0.07 0.00	21.93 0.07 0.00	21.46 0.06 0.00	22.37 0.07 0.00	26.35 0.08 0.00	37.93 0.15 0.00	46.02 0.18 0.00	39.05 0.16 0.00	30.61 0.12 0.00	28.89 0.12 0.00	28.31 0.11 0.00	28.44 0.11 0.00	29.50 0.15 0.00	32.27 0.16 0.00	35.89 0.22 0.00	40.24 0.20 0.00	52.18 0.37 0.00	56.38 0.50 0.00	47.17 0.28 0.00	38.90 0.23 0.00	33.50 0.17 0.00	29.00 0.15 0.00	25.87 0.16 0.00
WESTERN_NY_WIND 24143	24.05 -0.29 0.00	22.58 -0.25 0.00	21.89 0.02 0.00	21.46 0.06 0.00	22.24 -0.07 0.00	26.33 0.05 0.00	38.04 0.26 0.00	46.30 0.46 0.00	38.77 -0.12 0.00	30.64 0.15 0.00	29.06 0.29 0.00	28.39 0.20 0.00	28.44 0.11 0.00	29.24 -0.12 0.00	31.89 -0.22 0.00	35.28 -0.39 0.00	39.80 -0.24 0.00	50.16 -1.66 0.00	54.59 -1.29 0.00	45.95 -0.94 0.00	37.58 -1.08 0.00	33.00 -0.33 0.00	28.74 -0.12 0.00	25.79 0.08 0.00
WESTOVER___LESR 323668	24.95 0.61 0.00	23.36 0.53 0.00	22.41 0.55 0.00	21.91 0.51 0.00	22.82 0.51 0.00	26.88 0.60 0.00	39.02 1.25 0.00	47.35 1.51 0.00	40.06 1.17 0.00	31.50 1.01 0.00	29.84 1.06 0.00	29.21 1.01 0.00	29.26 0.93 0.00	30.21 0.85 0.00	32.98 0.87 0.00	36.60 0.93 0.00	41.16 1.12 0.00	52.95 1.14 0.00	57.33 1.45 0.00	48.25 1.36 0.00	39.55 0.89 0.00	34.33 1.00 0.00	29.84 0.98 0.00	26.72 1.00 0.00
WETHRSFD_WT_PWR 323626	24.36 0.02 0.00	22.63 -0.21 0.00	21.93 0.07 0.00	21.55 0.15 0.00	22.33 0.02 0.00	26.48 0.21 0.00	38.27 0.49 0.00	46.39 0.55 0.00	39.40 0.50 0.00	30.95 0.46 0.00	29.26 0.49 0.00	28.62 0.42 0.00	28.78 0.45 0.00	29.47 0.12 0.00	32.14 0.03 0.00	35.56 -0.11 0.00	40.04 0.00 0.00	50.63 -1.19 0.00	55.37 -0.50 0.00	46.09 -0.80 0.00	37.85 -0.81 0.00	32.90 -0.43 0.00	28.60 -0.26 0.00	25.72 0.00 0.00
WHAVSTOR_138KV_BK127 55557	25.56 1.22 0.00	23.84 1.00 0.00	22.76 0.90 0.00	22.21 0.81 0.00	23.17 0.87 0.00	27.22 0.95 0.00	39.21 1.44 0.00	47.77 1.93 0.00	40.84 1.94 0.00	32.08 1.59 0.00	30.41 1.64 0.00	29.91 1.72 0.00	30.05 1.73 0.00	31.18 1.82 0.00	34.10 1.99 0.00	37.74 2.07 0.00	42.08 2.04 0.00	54.87 3.06 0.00	59.40 3.52 0.00	49.66 2.77 0.00	40.83 2.17 0.00	35.13 1.80 0.00	30.44 1.59 0.00	27.31 1.59 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	25.56 1.22 0.00	23.84 1.00 0.00	22.76 0.90 0.00	22.21 0.81 0.00	23.17 0.87 0.00	27.22 0.95 0.00	39.21 1.44 0.00	47.77 1.93 0.00	40.84 1.94 0.00	32.08 1.59 0.00	30.41 1.64 0.00	29.91 1.72 0.00	30.05 1.73 0.00	31.18 1.82 0.00	34.10 1.99 0.00	37.74 2.07 0.00	42.08 2.04 0.00	54.87 3.06 0.00	59.40 3.52 0.00	49.66 2.77 0.00	40.83 2.17 0.00	35.13 1.80 0.00	30.44 1.59 0.00	27.31 1.59 0.00
WHITEHAL_115KV_TB1 80871	25.75 1.41 0.00	24.18 1.35 0.00	23.05 1.18 0.00	22.51 1.11 0.00	23.46 1.16 0.00	27.83 1.55 0.00	40.20 2.42 0.00	48.73 2.89 0.00	41.50 2.61 0.00	32.23 1.74 0.00	30.24 1.47 0.00	29.63 1.44 0.00	30.00 1.67 0.00	31.09 1.73 0.00	34.00 1.89 0.00	38.13 2.46 0.00	43.20 3.16 0.00	56.53 4.72 0.00	61.24 5.36 0.00	51.20 4.31 0.00	42.10 3.44 0.00	35.83 2.50 0.00	30.88 2.02 0.00	27.44 1.72 0.00
WHITEPLN_13_KV_LOAD 356215	25.95 1.61 0.00	24.16 1.32 0.00	23.07 1.20 0.00	22.51 1.11 0.00	23.51 1.20 0.00	27.59 1.31 0.00	39.67 1.89 0.00	48.45 2.61 0.00	41.57 2.68 0.00	32.69 2.20 0.00	30.99 2.22 0.00	30.50 2.31 0.00	30.73 2.41 0.00	31.91 2.55 0.00	34.90 2.79 0.00	38.70 3.03 0.00	43.08 3.04 0.00	56.22 4.40 0.00	60.85 4.97 0.00	50.69 3.80 0.00	41.68 3.02 0.00	35.73 2.40 0.00	30.88 2.02 0.00	27.75 2.03 0.00
WM_FLOYD_69_KV_BK2 356380	25.70 1.36 0.00	23.84 1.00 0.00	22.74 0.87 0.00	22.12 0.73 0.00	23.15 0.85 0.00	27.56 1.29 0.00	37.53 0.98 1.23	38.68 1.38 8.53	34.45 1.40 5.84	29.35 0.73 1.87	28.61 0.89 1.06	29.11 1.10 0.18	28.69 1.10 0.73	30.90 1.73 0.19	31.26 2.09 2.94	33.98 2.10 3.80	39.21 2.36 3.19	53.28 3.58 2.11	58.13 4.19 1.94	49.81 3.28 0.36	39.06 2.40 2.00	34.78 1.77 0.32	30.46 1.62 0.01	28.44 2.73 0.00
WOODARD___115KV_TB2 355635	23.90 -0.44 0.00	22.40 -0.43 0.00	21.47 -0.39 0.00	21.03 -0.36 0.00	21.90 -0.40 0.00	25.85 -0.42 0.00	37.17 -0.60 0.00	45.15 -0.69 0.00	38.23 -0.66 0.00	29.97 -0.52 0.00	28.25 -0.52 0.00	27.66 -0.54 0.00	27.79 -0.54 0.00	28.74 -0.62 0.00	31.44 -0.67 0.00	34.99 -0.68 0.00	39.24 -0.80 0.00	52.01 -1.14 -1.33	55.45 -1.06 -0.64	46.08 -0.94 -0.12	37.89 -0.77 0.00	32.77 -0.57 0.00	28.39 -0.46 0.00	25.25 -0.46 0.00
YORK___WARBASSE 23770	26.17 1.83 -0.01	24.32 1.48 0.00	23.25 1.38 0.00	22.64 1.24 0.00	23.64 1.34 0.00	27.62 1.34 0.00	39.40 1.62 0.00	47.99 2.15 0.00	41.26 2.37 0.00	32.63 2.13 0.00	30.93 2.16 0.00	30.53 2.34 0.00	30.76 2.44 0.00	31.94 2.58 0.00	34.94 2.83 0.00	38.70 3.03 0.00	42.76 2.72 0.00	55.75 3.94 0.00	60.40 4.53 0.00	50.31 3.42 0.00	41.37 2.71 0.00	35.67 2.33 0.00	31.02 2.16 0.00	27.90 2.19 0.00