

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$		--- Marginal Cost of Losses										--- Marginal Cost of Congestion										07/04/2024			
Generator Data																									
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
59TH STREET_GT_1		EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
24138		26.29	26.01	25.00	24.71	24.92	24.62	25.20	25.97	24.43	27.85	28.15	31.01	35.89	39.44	43.02	46.49	50.61	56.98	39.49	37.13	38.23	35.07	42.42	36.07
		1.43	1.23	1.05	0.98	0.95	0.91	0.99	1.09	1.22	1.40	1.55	2.09	2.43	2.91	3.40	3.88	4.13	4.56	2.94	2.67	2.68	2.29	2.61	2.23
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.18	-0.14	-0.75	-0.69	-0.75	-0.73	0.00	-0.35	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1		26.37	26.09	25.09	24.82	25.03	24.74	25.35	26.09	24.54	27.96	28.26	31.10	35.97	39.54	43.12	46.61	50.73	57.10	39.59	37.25	38.35	35.16	42.54	36.19
24260		1.50	1.30	1.14	1.09	1.06	1.03	1.13	1.21	1.33	1.51	1.66	2.18	2.52	3.01	3.50	3.99	4.26	4.69	3.04	2.79	2.79	2.39	2.73	2.34
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.18	-0.14	-0.75	-0.69	-0.75	-0.73	0.00	-0.35	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2		26.37	26.09	25.09	24.82	25.03	24.74	25.35	26.09	24.54	27.96	28.26	31.10	35.97	39.54	43.12	46.61	50.73	57.10	39.59	37.25	38.35	35.16	42.54	36.19
24261		1.50	1.30	1.14	1.09	1.06	1.03	1.13	1.21	1.33	1.51	1.66	2.18	2.52	3.01	3.50	3.99	4.26	4.69	3.04	2.79	2.79	2.39	2.73	2.34
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.18	-0.14	-0.75	-0.69	-0.75	-0.73	0.00	-0.35	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS		26.28	26.12	25.24	25.00	25.14	24.83	25.42	26.12	24.37	27.55	27.17	29.77	33.05	36.56	39.86	43.23	49.16	54.77	39.22	37.12	38.32	34.99	42.73	36.33
24011		1.41	1.34	1.29	1.27	1.17	1.12	1.20	1.24	1.16	1.10	0.93	1.13	1.06	1.39	1.71	2.05	2.68	3.06	2.67	2.66	2.76	2.21	2.92	2.48
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.13	0.73	0.67	0.73	0.71	0.00	0.34	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY		26.47	26.31	25.41	25.18	25.30	24.97	25.61	26.34	24.54	27.67	27.27	29.92	33.17	36.80	40.03	43.50	49.50	55.17	39.55	37.49	38.68	35.27	43.17	36.76
23798		1.61	1.53	1.46	1.46	1.32	1.26	1.39	1.46	1.33	1.23	1.03	1.27	1.18	1.61	1.87	2.31	3.03	3.45	3.00	3.02	3.12	2.49	3.36	2.91
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.13	0.71	0.66	0.72	0.70	0.00	0.34	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS		26.28	26.12	25.24	25.00	25.14	24.83	25.42	26.12	24.37	27.55	27.17	29.77	33.05	36.56	39.86	43.23	49.16	54.77	39.22	37.12	38.32	34.99	42.73	36.33
24028		1.41	1.34	1.29	1.27	1.17	1.12	1.20	1.24	1.16	1.10	0.93	1.13	1.06	1.39	1.71	2.05	2.68	3.06	2.67	2.66	2.76	2.21	2.92	2.48
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.13	0.73	0.67	0.73	0.71	0.00	0.34	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM		25.89	25.86	25.14	24.90	25.07	24.76	25.23	25.79	23.99	27.10	26.62	29.26	31.88	35.19	38.28	41.63	47.91	52.42	37.56	35.56	36.85	33.90	41.37	35.25
23527		1.03	1.07	1.19	1.17	1.09	1.05	1.01	0.91	0.79	0.65	0.58	0.77	0.74	0.79	0.98	1.28	1.44	1.10	1.01	1.10	1.29	1.13	1.56	1.40
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.29	1.57	1.44	1.58	1.54	0.00	0.74	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP		25.30	25.19	24.35	24.13	24.33	24.05	24.54	25.18	23.50	26.44	26.34	28.84	32.23	35.40	38.51	41.73	47.03	52.26	36.96	34.88	36.04	33.11	40.21	34.18
24190		0.43	0.40	0.40	0.40	0.36	0.34	0.33	0.30	0.29	-0.01	0.07	0.18	0.13	0.11	0.25	0.44	0.56	0.49	0.40	0.41	0.48	0.33	0.40	0.33
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.11	0.61	0.56	0.61	0.60	0.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK		24.50	24.58	23.80	23.60	23.92	23.67	24.25	25.02	23.19	26.43	26.22	28.25	32.16	34.85	37.61	40.43	45.09	50.72	35.68	33.62	34.79	32.22	39.19	33.35
355683		-0.37	-0.21	-0.15	-0.13	-0.06	-0.04	0.03	0.14	-0.02	-0.01	-0.20	-0.53	-0.55	-0.99	-1.26	-1.45	-1.38	-1.34	-0.88	-0.84	-0.77	-0.56	-0.62	-0.49
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR		25.70	25.60	24.74	24.53	24.73	24.45	24.93	25.44	23.70	26.84	26.71	29.25	32.75	35.93	38.93	42.07	47.52	53.11	37.63	35.65	36.86	33.87	41.13	34.94
323833		0.83	0.81	0.80	0.80	0.76	0.74	0.71	0.56	0.49	0.39	0.39	0.55	0.44	0.45	0.46	0.57	1.05	1.24	1.08	1.19	1.30	1.10	1.32	1.09
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.07	0.40	0.37	0.40	0.39	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR		25.69	25.59	24.74	24.52	24.72	24.44	24.92	25.44	23.69	26.83	26.69	29.25	32.74	35.91	38.93	42.06	47.52	53.11	37.62	35.64	36.83	33.87	41.10	34.93
323834		0.82	0.80	0.79	0.79	0.75	0.73	0.70	0.56	0.49	0.38	0.37	0.54	0.43	0.44	0.46	0.57	1.04	1.24	1.06	1.17	1.27	1.09	1.30	1.08
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.07	0.40	0.37	0.40	0.39	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1		25.30	25.19	24.35	24.13	24.33	24.05	24.54	25.18	23.50	26.44	26.34	28.84	32.23	35.40	38.51	41.73	47.03	52.26	36.96	34.88	36.04	33.11	40.21	34.18
23571		0.43	0.40	0.40	0.40	0.36	0.34	0.33	0.30	0.29	-0.01	0.07	0.18	0.13	0.11	0.25	0.44	0.56	0.49	0.40	0.41	0.48	0.33	0.40	0.33
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.11	0.61	0.56	0.61	0.60	0.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00



ALBANY___2 23572	25.30 0.43 0.00	25.19 0.40 0.00	24.35 0.40 0.00	24.13 0.40 0.00	24.33 0.36 0.00	24.05 0.34 0.00	24.54 0.33 0.00	25.18 0.30 0.00	23.50 0.29 0.00	26.44 -0.01 0.00	26.34 0.07 0.15	28.84 0.18 0.11	32.23 0.13 0.61	35.40 0.11 0.56	38.51 0.25 0.61	41.73 0.44 0.60	47.03 0.56 0.00	52.26 0.49 0.29	36.96 0.40 0.00	34.88 0.41 0.00	36.04 0.48 0.00	33.11 0.33 0.00	40.21 0.40 0.00	34.18 0.33 0.00
ALBANY___3 23573	25.30 0.43 0.00	25.19 0.40 0.00	24.35 0.40 0.00	24.13 0.40 0.00	24.33 0.36 0.00	24.05 0.34 0.00	24.54 0.33 0.00	25.18 0.30 0.00	23.50 0.29 0.00	26.44 -0.01 0.00	26.34 0.07 0.15	28.84 0.18 0.11	32.23 0.13 0.61	35.40 0.11 0.56	38.51 0.25 0.61	41.73 0.44 0.60	47.03 0.56 0.00	52.26 0.49 0.29	36.96 0.40 0.00	34.88 0.41 0.00	36.04 0.48 0.00	33.11 0.33 0.00	40.21 0.40 0.00	34.18 0.33 0.00
ALBANY___4 23574	25.30 0.43 0.00	25.19 0.40 0.00	24.35 0.40 0.00	24.13 0.40 0.00	24.33 0.36 0.00	24.05 0.34 0.00	24.54 0.33 0.00	25.18 0.30 0.00	23.50 0.29 0.00	26.44 -0.01 0.00	26.34 0.07 0.15	28.84 0.18 0.11	32.23 0.13 0.61	35.40 0.11 0.56	38.51 0.25 0.61	41.73 0.44 0.60	47.03 0.56 0.00	52.26 0.49 0.29	36.96 0.40 0.00	34.88 0.41 0.00	36.04 0.48 0.00	33.11 0.33 0.00	40.21 0.40 0.00	34.18 0.33 0.00
ALBANY___LFGE 323615	25.55 0.68 0.00	25.44 0.65 0.00	24.58 0.63 0.00	24.36 0.63 0.00	24.56 0.59 0.00	24.27 0.56 0.00	24.76 0.54 0.00	25.42 0.54 0.00	23.73 0.52 0.00	26.75 0.31 0.00	26.64 0.38 0.16	29.18 0.52 0.12	32.57 0.52 0.66	35.79 0.56 0.61	38.99 0.78 0.67	42.23 1.00 0.65	47.68 1.20 0.00	52.96 1.22 0.31	37.46 0.91 0.00	35.35 0.88 0.00	36.51 0.95 0.00	33.54 0.76 0.00	40.73 0.92 0.00	34.61 0.76 0.00
ALCOA_PA_115KV_PL-6C 55860	24.42 -0.45 0.00	24.66 -0.13 0.00	23.87 -0.08 0.00	23.68 -0.05 0.00	24.00 0.03 0.00	23.76 0.05 0.00	24.34 0.12 0.00	25.11 0.23 0.00	23.24 0.04 0.00	26.50 0.06 0.00	26.12 -0.29 0.00	28.12 -0.66 0.00	32.00 -0.71 0.00	34.64 -1.20 0.00	37.40 -1.47 0.00	40.21 -1.68 0.00	44.86 -1.61 0.00	50.52 -1.54 0.00	35.54 -1.01 0.00	33.53 -0.93 0.00	34.73 -0.83 0.00	32.17 -0.61 0.00	39.09 -0.72 0.00	33.27 -0.58 0.00
ALCOA_RYNLDS___DRP 24188	24.42 -0.45 0.00	24.66 -0.13 0.00	23.87 -0.08 0.00	23.68 -0.05 0.00	24.00 0.03 0.00	23.76 0.05 0.00	24.34 0.12 0.00	25.11 0.23 0.00	23.24 0.04 0.00	26.50 0.06 0.00	26.12 -0.29 0.00	28.12 -0.66 0.00	32.00 -0.71 0.00	34.64 -1.20 0.00	37.40 -1.47 0.00	40.21 -1.68 0.00	44.86 -1.61 0.00	50.52 -1.54 0.00	35.54 -1.01 0.00	33.53 -0.93 0.00	34.73 -0.83 0.00	32.17 -0.61 0.00	39.09 -0.72 0.00	33.27 -0.58 0.00
ALCOA___DSASP 323711	24.42 -0.45 0.00	24.66 -0.13 0.00	23.87 -0.08 0.00	23.68 -0.05 0.00	24.00 0.03 0.00	23.76 0.05 0.00	24.34 0.12 0.00	25.11 0.23 0.00	23.24 0.04 0.00	26.50 0.06 0.00	26.12 -0.29 0.00	28.12 -0.66 0.00	32.00 -0.71 0.00	34.64 -1.20 0.00	37.40 -1.47 0.00	40.21 -1.68 0.00	44.86 -1.61 0.00	50.52 -1.54 0.00	35.54 -1.01 0.00	33.53 -0.93 0.00	34.73 -0.83 0.00	32.17 -0.61 0.00	39.09 -0.72 0.00	33.27 -0.58 0.00
ALLEGHENY___COGEN 23514	26.04 1.17 0.00	25.87 1.09 0.00	24.93 0.98 0.00	24.58 0.86 0.00	24.87 0.89 0.00	24.67 0.96 0.00	25.36 1.14 0.00	26.05 1.17 0.00	24.12 0.92 0.00	27.66 1.21 0.00	27.92 1.51 0.00	30.69 1.92 0.00	34.92 2.21 0.00	38.84 3.00 0.00	42.39 3.52 0.00	45.27 3.38 0.00	49.55 3.08 0.00	55.06 3.00 0.00	39.15 2.59 0.00	37.09 2.63 0.00	38.31 2.75 0.00	35.28 2.50 0.00	42.62 2.82 0.00	36.31 2.46 0.00
ALTAMONT_115KV_TB 2 55880	25.43 0.57 0.00	25.31 0.53 0.00	24.45 0.51 0.00	24.23 0.50 0.00	24.44 0.47 0.00	24.15 0.45 0.00	24.66 0.44 0.00	25.30 0.42 0.00	23.62 0.41 0.00	26.78 0.33 0.00	26.69 0.37 0.10	29.23 0.53 0.07	32.87 0.57 0.41	36.09 0.63 0.37	39.27 0.81 0.41	42.50 1.02 0.40	47.62 1.15 0.00	53.09 1.22 0.19	37.46 0.91 0.00	35.35 0.89 0.00	36.51 0.95 0.00	33.55 0.77 0.00	40.73 0.92 0.00	34.62 0.77 0.00
ALTONA_WT_PWR 323606	23.96 -0.90 0.00	23.86 -0.93 0.00	23.22 -0.73 0.00	23.34 -0.39 0.00	23.94 -0.03 0.00	23.70 -0.01 0.00	24.41 0.19 0.00	25.33 0.45 0.00	23.53 0.32 0.00	26.77 0.32 0.00	26.63 0.21 0.00	28.74 -0.04 0.00	32.67 -0.04 0.00	35.31 -0.53 0.00	38.22 -0.65 0.00	41.19 -0.70 0.00	45.84 -0.63 0.00	51.75 -0.31 0.00	36.61 0.05 0.00	34.56 0.09 0.00	35.80 0.24 0.00	33.02 0.24 0.00	40.12 0.31 0.00	34.11 0.27 0.00
AMERICAN_REF_FUEL 24010	24.17 -0.70 0.00	24.16 -0.62 0.00	23.31 -0.64 0.00	22.91 -0.82 0.00	23.13 -0.84 0.00	22.91 -0.80 0.00	23.57 -0.65 0.00	24.09 -0.79 0.00	22.50 -0.71 0.00	26.25 -0.20 0.00	26.52 0.10 0.00	29.10 0.32 0.00	33.11 0.40 0.00	36.75 0.91 0.00	40.12 1.25 0.00	42.30 0.42 0.00	45.86 -0.62 0.00	51.32 -0.74 0.00	35.99 -0.56 0.00	33.95 -0.52 0.00	34.73 -0.83 0.00	32.04 -0.74 0.00	38.84 -0.96 0.00	33.44 -0.41 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	24.79 -0.07 0.00	24.88 0.09 0.00	24.03 0.08 0.00	23.73 0.00 0.00	23.95 -0.02 0.00	23.84 0.13 0.00	24.62 0.40 0.00	25.39 0.51 0.00	23.69 0.49 0.00	27.60 1.15 0.00	27.94 1.52 0.00	30.80 2.02 0.00	34.98 2.27 0.00	39.04 3.20 0.00	42.52 3.64 0.00	44.97 3.08 0.00	48.59 2.12 0.00	54.70 2.64 0.00	38.28 1.73 0.00	36.09 1.63 0.00	36.89 1.33 0.00	33.91 1.13 0.00	41.06 1.25 0.00	35.14 1.29 0.00
ARTHUR KILL_GT_1 23520	26.27 1.41 0.00	26.00 1.21 0.00	24.99 1.04 0.00	24.94 1.20 -0.01	25.22 1.24 -0.01	24.79 1.08 0.00	25.33 1.11 0.00	25.99 1.11 0.00	24.36 1.15 0.00	27.76 1.32 0.00	28.01 1.41 -0.18	30.75 1.83 -0.14	35.62 2.16 -0.75	38.96 2.46 -0.66	42.61 2.99 -0.75	46.26 3.64 -0.73	50.34 3.87 0.00	56.72 4.31 -0.35	39.32 2.77 0.00	37.09 2.63 0.00	38.04 2.48 0.00	35.02 2.24 0.00	42.22 2.41 0.00	35.94 2.09 0.00
ARTHUR_KILL_2 23512	26.19 1.32 0.00	25.91 1.12 0.00	24.92 0.97 0.00	24.86 1.12 -0.01	25.15 1.18 -0.01	24.71 1.00 0.00	25.25 1.03 0.00	25.92 1.04 0.00	24.29 1.08 0.00	27.68 1.23 0.00	27.91 1.32 -0.18	30.66 1.74 -0.14	35.49 2.03 -0.75	38.82 2.31 -0.66	42.44 2.82 -0.75	46.07 3.45 -0.73	50.14 3.67 0.00	56.50 4.08 -0.35	39.17 2.61 0.00	36.94 2.48 0.00	37.90 2.34 0.00	34.88 2.11 0.00	42.06 2.25 0.00	35.80 1.95 0.00
ARTHUR_KILL_3 23513	26.10 1.23 0.00	25.81 1.02 0.00	24.82 0.87 0.00	24.54 0.81 0.00	24.75 0.77 0.00	24.46 0.75 0.00	25.03 0.81 0.00	25.78 0.90 0.00	24.24 1.03 0.00	27.62 1.17 0.00	27.92 1.32 -0.18	30.74 1.83 -0.14	35.55 2.09 -0.75	39.05 2.52 -0.69	42.56 2.94 -0.75	45.97 3.36 -0.73	50.04 3.57 0.00	56.32 3.90 -0.35	39.04 2.48 0.00	36.77 2.31 0.00	37.88 2.33 0.00	34.73 1.96 0.00	41.98 2.18 0.00	35.72 1.88 0.00



ARTHUR_KILL_COGEN 323718	26.27 1.41 0.00	26.00 1.21 0.00	24.99 1.04 0.00	24.94 1.20 -0.01	25.22 1.24 -0.01	24.79 1.08 0.00	25.33 1.11 0.00	25.99 1.11 0.00	24.36 1.15 0.00	27.76 1.32 0.00	28.01 1.41 -0.18	30.75 1.83 -0.14	35.62 2.16 -0.75	38.96 2.46 -0.66	42.61 2.99 -0.75	46.26 3.64 -0.73	50.34 3.87 0.00	56.72 4.31 -0.35	39.32 2.77 0.00	37.09 2.63 0.00	38.04 2.48 0.00	35.02 2.24 0.00	42.22 2.41 0.00	35.94 2.09 0.00
ASHOKAN____ 23654	26.34 1.48 0.00	26.13 1.34 0.00	25.17 1.22 0.00	24.92 1.19 0.00	25.12 1.15 0.00	24.84 1.13 0.00	25.38 1.16 0.00	26.03 1.15 0.00	24.35 1.14 0.00	27.75 1.31 0.00	27.79 1.38 0.00	30.42 1.64 0.00	34.60 1.89 0.00	38.10 2.26 0.00	40.99 2.12 0.00	44.70 2.81 0.00	49.56 3.08 0.00	55.87 3.81 0.00	39.37 2.81 0.00	37.16 2.70 0.00	38.33 2.77 0.00	35.11 2.33 0.00	42.50 2.69 0.00	36.06 2.21 0.00
ASTORIA_EAST_ENERGY_CC1 323581	26.19 1.32 0.00	25.93 1.14 0.00	24.93 0.98 0.00	24.66 0.93 0.00	24.89 0.92 0.00	24.58 0.87 0.00	25.16 0.94 0.00	25.93 1.05 0.00	24.36 1.15 0.00	27.72 1.28 0.00	27.96 1.37 -0.18	30.72 1.80 -0.13	35.59 2.13 -0.75	39.12 2.59 -0.69	42.69 3.07 -0.75	46.13 3.51 -0.73	50.26 3.79 0.00	56.57 4.15 -0.35	39.19 2.64 0.00	36.87 2.41 0.00	37.93 2.37 0.00	34.81 2.03 0.00	42.07 2.26 0.00	35.82 1.98 0.00
ASTORIA_EAST_ENERGY_CC2 323582	26.19 1.32 0.00	25.93 1.14 0.00	24.93 0.98 0.00	24.66 0.93 0.00	24.89 0.92 0.00	24.58 0.87 0.00	25.16 0.94 0.00	25.93 1.05 0.00	24.36 1.15 0.00	27.72 1.28 0.00	27.96 1.37 -0.18	30.72 1.80 -0.13	35.59 2.13 -0.75	39.12 2.59 -0.69	42.69 3.07 -0.75	46.13 3.51 -0.73	50.26 3.79 0.00	56.57 4.15 -0.35	39.19 2.64 0.00	36.87 2.41 0.00	37.93 2.37 0.00	34.81 2.03 0.00	42.07 2.26 0.00	35.82 1.98 0.00
ASTORIA_GT2_1 24094	26.20 1.34 0.00	25.94 1.15 0.00	24.94 1.00 0.00	24.67 0.94 0.00	24.91 0.93 0.00	24.59 0.88 0.00	25.20 0.98 0.00	25.94 1.06 0.00	24.37 1.16 0.00	27.74 1.29 0.00	27.98 1.38 -0.18	30.74 1.82 -0.14	35.60 2.15 -0.75	39.14 2.61 -0.69	42.70 3.08 -0.75	46.15 3.54 -0.73	50.29 3.82 0.00	56.58 4.17 -0.35	39.21 2.66 0.00	36.89 2.42 0.00	37.94 2.39 0.00	34.83 2.05 0.00	42.10 2.28 0.00	35.84 1.99 0.00
ASTORIA_GT2_2 24095	26.20 1.34 0.00	25.94 1.15 0.00	24.94 1.00 0.00	24.67 0.94 0.00	24.91 0.93 0.00	24.59 0.88 0.00	25.20 0.98 0.00	25.94 1.06 0.00	24.37 1.16 0.00	27.74 1.29 0.00	27.98 1.38 -0.18	30.74 1.82 -0.14	35.60 2.15 -0.75	39.14 2.61 -0.69	42.70 3.08 -0.75	46.15 3.54 -0.73	50.29 3.82 0.00	56.58 4.17 -0.35	39.21 2.66 0.00	36.89 2.42 0.00	37.94 2.39 0.00	34.83 2.05 0.00	42.10 2.28 0.00	35.84 1.99 0.00
ASTORIA_GT2_3 24096	26.20 1.34 0.00	25.94 1.15 0.00	24.94 1.00 0.00	24.67 0.94 0.00	24.91 0.93 0.00	24.59 0.88 0.00	25.20 0.98 0.00	25.94 1.06 0.00	24.37 1.16 0.00	27.74 1.29 0.00	27.98 1.38 -0.18	30.74 1.82 -0.14	35.60 2.15 -0.75	39.14 2.61 -0.69	42.70 3.08 -0.75	46.15 3.54 -0.73	50.29 3.82 0.00	56.58 4.17 -0.35	39.21 2.66 0.00	36.89 2.42 0.00	37.94 2.39 0.00	34.83 2.05 0.00	42.10 2.28 0.00	35.84 1.99 0.00
ASTORIA_GT2_4 24097	26.20 1.34 0.00	25.94 1.15 0.00	24.94 1.00 0.00	24.67 0.94 0.00	24.91 0.93 0.00	24.59 0.88 0.00	25.20 0.98 0.00	25.94 1.06 0.00	24.37 1.16 0.00	27.74 1.29 0.00	27.98 1.38 -0.18	30.74 1.82 -0.14	35.60 2.15 -0.75	39.14 2.61 -0.69	42.70 3.08 -0.75	46.15 3.54 -0.73	50.29 3.82 0.00	56.58 4.17 -0.35	39.21 2.66 0.00	36.89 2.42 0.00	37.94 2.39 0.00	34.83 2.05 0.00	42.10 2.28 0.00	35.84 1.99 0.00
ASTORIA_GT3_1 24098	26.20 1.34 0.00	25.94 1.15 0.00	24.94 1.00 0.00	24.67 0.94 0.00	24.91 0.93 0.00	24.59 0.88 0.00	25.20 0.98 0.00	25.94 1.06 0.00	24.37 1.16 0.00	27.74 1.29 0.00	27.98 1.38 -0.18	30.74 1.82 -0.14	35.60 2.15 -0.75	39.14 2.61 -0.69	42.70 3.08 -0.75	46.15 3.54 -0.73	50.29 3.82 0.00	56.58 4.17 -0.35	39.21 2.66 0.00	36.89 2.42 0.00	37.94 2.39 0.00	34.83 2.05 0.00	42.10 2.28 0.00	35.84 1.99 0.00
ASTORIA_GT3_2 24099	26.20 1.34 0.00	25.94 1.15 0.00	24.94 1.00 0.00	24.67 0.94 0.00	24.91 0.93 0.00	24.59 0.88 0.00	25.20 0.98 0.00	25.94 1.06 0.00	24.37 1.16 0.00	27.74 1.29 0.00	27.98 1.38 -0.18	30.74 1.82 -0.14	35.60 2.15 -0.75	39.14 2.61 -0.69	42.70 3.08 -0.75	46.15 3.54 -0.73	50.29 3.82 0.00	56.58 4.17 -0.35	39.21 2.66 0.00	36.89 2.42 0.00	37.94 2.39 0.00	34.83 2.05 0.00	42.10 2.28 0.00	35.84 1.99 0.00
ASTORIA_GT3_3 24100	26.20 1.34 0.00	25.94 1.15 0.00	24.94 1.00 0.00	24.67 0.94 0.00	24.91 0.93 0.00	24.59 0.88 0.00	25.20 0.98 0.00	25.94 1.06 0.00	24.37 1.16 0.00	27.74 1.29 0.00	27.98 1.38 -0.18	30.74 1.82 -0.14	35.60 2.15 -0.75	39.14 2.61 -0.69	42.70 3.08 -0.75	46.15 3.54 -0.73	50.29 3.82 0.00	56.58 4.17 -0.35	39.21 2.66 0.00	36.89 2.42 0.00	37.94 2.39 0.00	34.83 2.05 0.00	42.10 2.28 0.00	35.84 1.99 0.00
ASTORIA_GT3_4 24101	26.20 1.34 0.00	25.94 1.15 0.00	24.94 1.00 0.00	24.67 0.94 0.00	24.91 0.93 0.00	24.59 0.88 0.00	25.20 0.98 0.00	25.94 1.06 0.00	24.37 1.16 0.00	27.74 1.29 0.00	27.98 1.38 -0.18	30.74 1.82 -0.14	35.60 2.15 -0.75	39.14 2.61 -0.69	42.70 3.08 -0.75	46.15 3.54 -0.73	50.29 3.82 0.00	56.58 4.17 -0.35	39.21 2.66 0.00	36.89 2.42 0.00	37.94 2.39 0.00	34.83 2.05 0.00	42.10 2.28 0.00	35.84 1.99 0.00
ASTORIA_GT4_1 24102	26.20 1.34 0.00	25.94 1.15 0.00	24.94 1.00 0.00	24.67 0.94 0.00	24.91 0.93 0.00	24.59 0.88 0.00	25.20 0.98 0.00	25.94 1.06 0.00	24.37 1.16 0.00	27.74 1.29 0.00	27.98 1.38 -0.18	30.74 1.82 -0.14	35.60 2.15 -0.75	39.14 2.61 -0.69	42.70 3.08 -0.75	46.15 3.54 -0.73	50.29 3.82 0.00	56.58 4.17 -0.35	39.21 2.66 0.00	36.89 2.42 0.00	37.94 2.39 0.00	34.83 2.05 0.00	42.10 2.28 0.00	35.84 1.99 0.00
ASTORIA_GT4_2 24103	26.20 1.34 0.00	25.94 1.15 0.00	24.94 1.00 0.00	24.67 0.94 0.00	24.91 0.93 0.00	24.59 0.88 0.00	25.20 0.98 0.00	25.94 1.06 0.00	24.37 1.16 0.00	27.74 1.29 0.00	27.98 1.38 -0.18	30.74 1.82 -0.14	35.60 2.15 -0.75	39.14 2.61 -0.69	42.70 3.08 -0.75	46.15 3.54 -0.73	50.29 3.82 0.00	56.58 4.17 -0.35	39.21 2.66 0.00	36.89 2.42 0.00	37.94 2.39 0.00	34.83 2.05 0.00	42.10 2.28 0.00	35.84 1.99 0.00
ASTORIA_GT4_3 24104	26.20 1.34 0.00	25.94 1.15 0.00	24.94 1.00 0.00	24.67 0.94 0.00	24.91 0.93 0.00	24.59 0.88 0.00	25.20 0.98 0.00	25.94 1.06 0.00	24.37 1.16 0.00	27.74 1.29 0.00	27.98 1.38 -0.18	30.74 1.82 -0.14	35.60 2.15 -0.75	39.14 2.61 -0.69	42.70 3.08 -0.75	46.15 3.54 -0.73	50.29 3.82 0.00	56.58 4.17 -0.35	39.21 2.66 0.00	36.89 2.42 0.00	37.94 2.39 0.00	34.83 2.05 0.00	42.10 2.28 0.00	35.84 1.99 0.00



ASTORIA_GT4_4 24105	26.20 1.34 0.00	25.94 1.15 0.00	24.94 1.00 0.00	24.67 0.94 0.00	24.91 0.93 0.00	24.59 0.88 0.00	25.20 0.98 0.00	25.94 1.06 0.00	24.37 1.16 0.00	27.74 1.29 0.00	27.98 1.38 -0.18	30.74 1.82 -0.14	35.60 2.15 -0.75	39.14 2.61 -0.69	42.70 3.08 -0.75	46.15 3.54 -0.73	50.29 3.82 0.00	56.58 4.17 -0.35	39.21 2.66 0.00	36.89 2.42 0.00	37.94 2.39 0.00	34.83 2.05 0.00	42.10 2.28 0.00	35.84 1.99 0.00
ASTORIA_GT_1 23523	26.25 1.39 0.00	25.99 1.20 0.00	24.99 1.04 0.00	24.71 0.98 0.00	24.95 0.97 0.00	24.63 0.92 0.00	25.22 1.00 0.00	25.99 1.11 0.00	24.42 1.21 0.00	27.79 1.35 0.00	28.04 1.45 -0.18	30.81 1.89 -0.13	35.70 2.24 -0.75	39.24 2.71 -0.69	42.81 3.19 -0.75	46.27 3.65 -0.73	50.42 3.95 0.00	56.73 4.32 -0.35	39.30 2.75 0.00	36.98 2.51 0.00	38.04 2.48 0.00	34.91 2.13 0.00	42.19 2.38 0.00	35.92 2.07 0.00
ASTORIA_GT_10 24110	26.19 1.33 0.00	25.91 1.13 0.00	24.92 0.97 0.00	24.66 0.93 0.00	24.90 0.92 0.00	24.59 0.88 0.00	25.20 0.98 0.00	25.92 1.04 0.00	24.35 1.14 0.00	27.73 1.29 0.00	28.01 1.41 -0.18	30.79 1.88 -0.14	35.65 2.19 -0.75	39.15 2.63 -0.69	42.71 3.09 -0.75	46.16 3.54 -0.73	50.24 3.76 0.00	56.55 4.14 -0.35	39.21 2.65 0.00	36.93 2.46 0.00	37.99 2.43 0.00	34.87 2.09 0.00	42.16 2.35 0.00	35.90 2.05 0.00
ASTORIA_GT_11 24225	26.19 1.33 0.00	25.91 1.13 0.00	24.92 0.97 0.00	24.66 0.93 0.00	24.90 0.92 0.00	24.59 0.88 0.00	25.20 0.98 0.00	25.92 1.04 0.00	24.35 1.14 0.00	27.73 1.29 0.00	28.01 1.41 -0.18	30.79 1.88 -0.14	35.65 2.19 -0.75	39.15 2.63 -0.69	42.71 3.09 -0.75	46.16 3.54 -0.73	50.24 3.76 0.00	56.55 4.14 -0.35	39.21 2.65 0.00	36.93 2.46 0.00	37.99 2.43 0.00	34.87 2.09 0.00	42.16 2.35 0.00	35.90 2.05 0.00
ASTORIA_GT_12 24226	26.19 1.33 0.00	25.91 1.13 0.00	24.92 0.97 0.00	24.66 0.93 0.00	24.90 0.92 0.00	24.59 0.88 0.00	25.20 0.98 0.00	25.92 1.04 0.00	24.35 1.14 0.00	27.73 1.29 0.00	28.01 1.41 -0.18	30.79 1.88 -0.14	35.65 2.19 -0.75	39.15 2.63 -0.69	42.71 3.09 -0.75	46.16 3.54 -0.73	50.24 3.76 0.00	56.55 4.14 -0.35	39.21 2.65 0.00	36.93 2.46 0.00	37.99 2.43 0.00	34.87 2.09 0.00	42.16 2.35 0.00	35.90 2.05 0.00
ASTORIA_GT_13 24227	26.19 1.33 0.00	25.91 1.13 0.00	24.92 0.97 0.00	24.66 0.93 0.00	24.90 0.92 0.00	24.59 0.88 0.00	25.20 0.98 0.00	25.92 1.04 0.00	24.35 1.14 0.00	27.73 1.29 0.00	28.01 1.41 -0.18	30.79 1.88 -0.14	35.65 2.19 -0.75	39.15 2.63 -0.69	42.71 3.09 -0.75	46.16 3.54 -0.73	50.24 3.76 0.00	56.55 4.14 -0.35	39.21 2.65 0.00	36.93 2.46 0.00	37.99 2.43 0.00	34.87 2.09 0.00	42.16 2.35 0.00	35.90 2.05 0.00
ASTORIA_GT_5 24106	26.25 1.39 0.00	25.99 1.20 0.00	24.98 1.04 0.00	24.71 0.98 0.00	24.95 0.98 0.00	24.63 0.92 0.00	25.24 1.02 0.00	25.99 1.11 0.00	24.42 1.21 0.00	27.79 1.35 0.00	28.04 1.45 -0.18	30.81 1.90 -0.14	35.70 2.24 -0.75	39.24 2.72 -0.69	42.81 3.19 -0.75	46.27 3.65 -0.73	50.42 3.95 0.00	56.73 4.32 -0.35	39.31 2.76 0.00	36.98 2.51 0.00	38.03 2.47 0.00	34.91 2.13 0.00	42.19 2.38 0.00	35.92 2.07 0.00
ASTORIA_GT_7 24107	26.25 1.39 0.00	25.99 1.20 0.00	24.98 1.04 0.00	24.71 0.98 0.00	24.95 0.98 0.00	24.63 0.92 0.00	25.24 1.02 0.00	25.99 1.11 0.00	24.42 1.21 0.00	27.79 1.35 0.00	28.04 1.45 -0.18	30.81 1.90 -0.14	35.70 2.24 -0.75	39.24 2.72 -0.69	42.81 3.19 -0.75	46.27 3.65 -0.73	50.42 3.95 0.00	56.73 4.32 -0.35	39.31 2.76 0.00	36.98 2.51 0.00	38.03 2.47 0.00	34.91 2.13 0.00	42.19 2.38 0.00	35.92 2.07 0.00
ASTORIA_GT_8 24108	26.25 1.39 0.00	25.99 1.20 0.00	24.98 1.04 0.00	24.71 0.98 0.00	24.95 0.98 0.00	24.63 0.92 0.00	25.24 1.02 0.00	25.99 1.11 0.00	24.42 1.21 0.00	27.79 1.35 0.00	28.04 1.45 -0.18	30.81 1.90 -0.14	35.70 2.24 -0.75	39.24 2.72 -0.69	42.81 3.19 -0.75	46.27 3.65 -0.73	50.42 3.95 0.00	56.73 4.32 -0.35	39.31 2.76 0.00	36.98 2.51 0.00	38.03 2.47 0.00	34.91 2.13 0.00	42.19 2.38 0.00	35.92 2.07 0.00
ASTORIA___2 24149	26.20 1.34 0.00	25.94 1.15 0.00	24.94 1.00 0.00	24.67 0.94 0.00	24.90 0.93 0.00	24.59 0.88 0.00	25.17 0.95 0.00	25.95 1.07 0.00	24.37 1.16 0.00	27.74 1.29 0.00	27.98 1.38 -0.18	30.74 1.83 -0.13	35.60 2.14 -0.75	39.13 2.61 -0.69	42.70 3.08 -0.75	46.15 3.53 -0.73	50.29 3.82 0.00	56.58 4.17 -0.35	39.21 2.66 0.00	36.90 2.43 0.00	37.95 2.40 0.00	34.83 2.05 0.00	42.10 2.29 0.00	35.84 1.99 0.00
ASTORIA___3 23516	26.19 1.33 0.00	25.91 1.12 0.00	24.92 0.97 0.00	24.66 0.93 0.00	24.90 0.92 0.00	24.59 0.88 0.00	25.17 0.95 0.00	25.92 1.04 0.00	24.35 1.14 0.00	27.74 1.29 0.00	28.01 1.41 -0.18	30.79 1.88 -0.14	35.65 2.19 -0.75	39.15 2.62 -0.69	42.71 3.09 -0.75	46.16 3.54 -0.73	50.24 3.76 0.00	56.55 4.14 -0.35	39.20 2.65 0.00	36.93 2.46 0.00	38.00 2.44 0.00	34.87 2.09 0.00	42.16 2.35 0.00	35.90 2.05 0.00
ASTORIA___4 23517	26.19 1.33 0.00	25.91 1.13 0.00	24.92 0.97 0.00	24.66 0.93 0.00	24.90 0.92 0.00	24.59 0.88 0.00	25.20 0.98 0.00	25.92 1.04 0.00	24.35 1.14 0.00	27.73 1.29 0.00	28.01 1.41 -0.18	30.79 1.88 -0.14	35.65 2.19 -0.75	39.15 2.63 -0.69	42.71 3.09 -0.75	46.16 3.54 -0.73	50.24 3.76 0.00	56.55 4.14 -0.35	39.21 2.65 0.00	36.93 2.46 0.00	37.99 2.43 0.00	34.87 2.09 0.00	42.16 2.35 0.00	35.90 2.05 0.00
ASTORIA___5 23518	26.19 1.33 0.00	25.91 1.12 0.00	24.92 0.97 0.00	24.66 0.93 0.00	24.90 0.92 0.00	24.59 0.88 0.00	25.17 0.95 0.00	25.92 1.04 0.00	24.35 1.14 0.00	27.73 1.29 0.00	28.01 1.41 -0.18	30.79 1.88 -0.14	35.65 2.19 -0.75	39.15 2.62 -0.69	42.71 3.09 -0.75	46.15 3.53 -0.73	50.24 3.76 0.00	56.55 4.13 -0.35	39.20 2.65 0.00	36.93 2.46 0.00	38.00 2.44 0.00	34.87 2.09 0.00	42.16 2.35 0.00	35.90 2.05 0.00
AST_ENERGY_2_CC3 323677	26.10 1.24 0.00	25.83 1.04 0.00	24.84 0.89 0.00	24.56 0.83 0.00	24.78 0.81 0.00	24.49 0.78 0.00	25.06 0.84 0.00	25.81 0.93 0.00	24.28 1.07 0.00	27.65 1.20 0.00	27.94 1.35 -0.18	30.74 1.83 -0.14	35.58 2.12 -0.75	39.08 2.55 -0.69	42.62 3.00 -0.75	46.07 3.45 -0.73	50.16 3.68 0.00	56.46 4.05 -0.35	39.14 2.59 0.00	36.84 2.38 0.00	37.95 2.39 0.00	34.80 2.02 0.00	42.09 2.28 0.00	35.81 1.96 0.00
AST_ENERGY_2_CC4 323678	26.10 1.24 0.00	25.83 1.04 0.00	24.84 0.89 0.00	24.56 0.83 0.00	24.78 0.81 0.00	24.49 0.78 0.00	25.06 0.84 0.00	25.81 0.93 0.00	24.28 1.07 0.00	27.65 1.20 0.00	27.94 1.35 -0.18	30.74 1.83 -0.14	35.58 2.12 -0.75	39.08 2.55 -0.69	42.62 3.00 -0.75	46.07 3.45 -0.73	50.16 3.68 0.00	56.46 4.05 -0.35	39.14 2.59 0.00	36.84 2.38 0.00	37.95 2.39 0.00	34.80 2.02 0.00	42.09 2.28 0.00	35.81 1.96 0.00



ATHENS_STG_1 23668	25.46 0.59 0.00	25.29 0.50 0.00	24.40 0.45 0.00	24.19 0.46 0.00	24.40 0.43 0.00	24.10 0.40 0.00	24.61 0.39 0.00	25.28 0.40 0.00	23.66 0.45 0.00	26.88 0.43 0.00	26.97 0.49 -0.07	29.58 0.75 -0.05	33.87 0.86 -0.29	37.14 1.04 -0.26	40.45 1.29 -0.29	43.73 1.56 -0.28	48.12 1.65 0.00	53.98 1.78 -0.14	37.75 1.20 0.00	35.60 1.14 0.00	36.72 1.16 0.00	33.73 0.95 0.00	40.90 1.09 0.00	34.77 0.92 0.00
ATHENS_STG_2 23670	25.46 0.59 0.00	25.29 0.50 0.00	24.40 0.45 0.00	24.19 0.46 0.00	24.40 0.43 0.00	24.10 0.40 0.00	24.61 0.39 0.00	25.28 0.40 0.00	23.66 0.45 0.00	26.88 0.43 0.00	26.97 0.49 -0.07	29.58 0.75 -0.05	33.87 0.86 -0.29	37.14 1.04 -0.26	40.45 1.29 -0.29	43.73 1.56 -0.28	48.12 1.65 0.00	53.98 1.78 -0.14	37.75 1.20 0.00	35.60 1.14 0.00	36.72 1.16 0.00	33.73 0.95 0.00	40.90 1.09 0.00	34.77 0.92 0.00
ATHENS_STG_3 23677	25.46 0.59 0.00	25.29 0.50 0.00	24.40 0.45 0.00	24.19 0.46 0.00	24.40 0.43 0.00	24.10 0.40 0.00	24.61 0.39 0.00	25.28 0.40 0.00	23.66 0.45 0.00	26.88 0.43 0.00	26.97 0.49 -0.07	29.58 0.75 -0.05	33.87 0.86 -0.29	37.14 1.04 -0.26	40.45 1.29 -0.29	43.73 1.56 -0.28	48.12 1.65 0.00	53.98 1.78 -0.14	37.75 1.20 0.00	35.60 1.14 0.00	36.72 1.16 0.00	33.73 0.95 0.00	40.90 1.09 0.00	34.77 0.92 0.00
AUBURN___LFGE 323710	25.14 0.27 0.00	25.00 0.21 0.00	24.11 0.17 0.00	23.86 0.13 0.00	24.08 0.10 0.00	23.82 0.11 0.00	24.32 0.10 0.00	24.95 0.07 0.00	23.32 0.11 0.00	26.75 0.27 -0.03	27.27 0.35 -0.51	30.26 0.58 -0.90	34.95 0.73 -1.52	38.93 1.03 -2.06	42.73 1.33 -2.52	46.20 1.33 -2.98	51.30 1.15 -3.67	57.77 1.54 -4.18	39.81 1.05 -2.21	37.20 0.92 -1.81	38.42 0.85 -2.01	35.04 0.67 -1.59	43.16 0.68 -2.67	36.10 0.55 -1.71
BABYLON_RES_REC 323704	26.60 1.73 0.00	27.50 1.58 -1.13	25.32 1.37 0.00	25.00 1.27 0.00	25.25 1.28 0.00	24.87 1.17 0.00	25.48 1.26 0.00	26.17 1.29 0.00	24.65 1.44 0.00	27.99 1.54 0.00	27.85 1.25 -0.18	30.53 1.61 -0.14	35.55 2.09 -0.75	38.93 2.40 -0.69	42.45 2.83 -0.75	45.76 3.14 -0.73	50.47 3.58 -0.42	56.28 3.87 -0.35	39.24 2.69 0.00	37.03 2.57 0.00	38.00 2.43 0.00	47.92 2.17 -12.97	43.04 2.99 -0.24	36.45 2.60 0.00
BABYLON__69_KV_BK2 356345	26.89 2.03 0.00	27.79 1.87 -1.13	25.59 1.65 0.00	25.27 1.54 0.00	25.51 1.54 0.00	25.12 1.41 0.00	25.77 1.55 0.00	26.45 1.58 0.00	24.92 1.71 0.00	28.33 1.88 0.00	28.17 1.57 -0.18	31.11 2.19 -0.14	36.32 2.86 -0.75	39.82 3.29 -0.69	43.53 3.91 -0.75	46.89 4.27 -0.73	51.67 4.78 -0.42	57.57 5.16 -0.35	40.21 3.66 0.00	37.91 3.44 0.00	38.83 3.28 0.00	48.58 2.83 -12.97	43.57 3.52 -0.24	36.91 3.06 0.00
BALL_HILL_WT_PWR 323825	24.80 -0.06 0.00	24.77 -0.02 0.00	23.91 -0.04 0.00	23.56 -0.17 0.00	23.78 -0.19 0.00	23.62 -0.09 0.00	24.31 0.09 0.00	24.98 0.10 0.00	23.32 0.12 0.00	27.17 0.73 0.00	27.47 1.05 0.00	30.23 1.45 0.00	34.33 1.62 0.00	38.25 2.41 0.00	41.71 2.84 0.00	44.11 2.22 0.00	47.78 1.31 0.00	53.59 1.53 0.00	37.52 0.97 0.00	35.37 0.91 0.00	36.18 0.62 0.00	33.29 0.51 0.00	40.35 0.54 0.00	34.59 0.74 0.00
BARON_WINDS___WT_PWR 323822	24.63 -0.23 0.00	24.50 -0.29 0.00	23.68 -0.27 0.00	23.46 -0.27 0.00	23.76 -0.21 0.00	23.64 -0.06 0.00	24.29 0.07 0.00	25.02 0.14 0.00	23.39 0.18 0.00	27.02 0.57 -0.01	27.33 0.79 -0.12	30.14 1.14 -0.22	34.28 1.20 -0.38	38.23 1.88 -0.51	41.74 2.24 -0.63	44.54 1.92 -0.74	48.65 1.27 -0.91	54.66 1.57 -1.03	38.23 1.13 -0.55	35.97 1.06 -0.45	36.93 0.88 -0.50	33.87 0.70 -0.39	41.24 0.77 -0.66	35.04 0.77 -0.42
BARRETT_IC_1 23704	26.33 1.47 0.00	27.21 1.29 -1.13	25.06 1.12 0.00	24.76 1.03 0.00	24.99 1.02 0.00	24.64 0.94 0.00	25.22 1.00 0.00	25.89 1.02 0.00	24.35 1.14 0.00	27.67 1.23 0.00	27.65 1.06 -0.18	30.49 1.57 -0.14	35.49 2.04 -0.75	38.94 2.41 -0.69	42.49 2.87 -0.75	45.71 3.10 -0.72	50.30 3.41 -0.42	56.23 3.81 -0.35	39.14 2.59 0.00	36.82 2.36 0.00	37.80 2.24 0.00	47.78 2.03 -12.97	42.65 2.61 -0.24	36.14 2.29 0.00
BARRETT_IC_10 23701	26.33 1.47 0.00	27.21 1.29 -1.13	25.06 1.12 0.00	24.76 1.03 0.00	24.99 1.02 0.00	24.64 0.94 0.00	25.22 1.00 0.00	25.89 1.02 0.00	24.35 1.14 0.00	27.67 1.23 0.00	27.65 1.06 -0.18	30.49 1.57 -0.14	35.49 2.04 -0.75	38.94 2.41 -0.69	42.49 2.87 -0.75	45.71 3.10 -0.72	50.30 3.41 -0.42	56.23 3.81 -0.35	39.14 2.59 0.00	36.82 2.36 0.00	37.80 2.24 0.00	47.78 2.03 -12.97	42.65 2.61 -0.24	36.14 2.29 0.00
BARRETT_IC_11 23702	26.33 1.47 0.00	27.21 1.29 -1.13	25.06 1.12 0.00	24.76 1.03 0.00	24.99 1.02 0.00	24.64 0.94 0.00	25.22 1.00 0.00	25.89 1.02 0.00	24.35 1.14 0.00	27.67 1.23 0.00	27.65 1.06 -0.18	30.49 1.57 -0.14	35.49 2.04 -0.75	38.94 2.41 -0.69	42.49 2.87 -0.75	45.71 3.10 -0.72	50.30 3.41 -0.42	56.23 3.81 -0.35	39.14 2.59 0.00	36.82 2.36 0.00	37.80 2.24 0.00	47.78 2.03 -12.97	42.65 2.61 -0.24	36.14 2.29 0.00
BARRETT_IC_12 23703	26.33 1.47 0.00	27.21 1.29 -1.13	25.06 1.12 0.00	24.76 1.03 0.00	24.99 1.02 0.00	24.64 0.94 0.00	25.22 1.00 0.00	25.89 1.02 0.00	24.35 1.14 0.00	27.67 1.23 0.00	27.65 1.06 -0.18	30.49 1.57 -0.14	35.49 2.04 -0.75	38.94 2.41 -0.69	42.49 2.87 -0.75	45.71 3.10 -0.72	50.30 3.41 -0.42	56.23 3.81 -0.35	39.14 2.59 0.00	36.82 2.36 0.00	37.80 2.24 0.00	47.78 2.03 -12.97	42.65 2.61 -0.24	36.14 2.29 0.00
BARRETT_IC_2 23705	26.33 1.47 0.00	27.21 1.29 -1.13	25.06 1.12 0.00	24.76 1.03 0.00	24.99 1.02 0.00	24.64 0.94 0.00	25.22 1.00 0.00	25.89 1.02 0.00	24.35 1.14 0.00	27.67 1.23 0.00	27.65 1.06 -0.18	30.49 1.57 -0.14	35.49 2.04 -0.75	38.94 2.41 -0.69	42.49 2.87 -0.75	45.71 3.10 -0.72	50.30 3.41 -0.42	56.23 3.81 -0.35	39.14 2.59 0.00	36.82 2.36 0.00	37.80 2.24 0.00	47.78 2.03 -12.97	42.65 2.61 -0.24	36.14 2.29 0.00
BARRETT_IC_3 23706	26.33 1.47 0.00	27.21 1.29 -1.13	25.06 1.12 0.00	24.76 1.03 0.00	24.99 1.02 0.00	24.64 0.94 0.00	25.22 1.00 0.00	25.89 1.02 0.00	24.35 1.14 0.00	27.67 1.23 0.00	27.65 1.06 -0.18	30.49 1.57 -0.14	35.49 2.04 -0.75	38.94 2.41 -0.69	42.49 2.87 -0.75	45.71 3.10 -0.72	50.30 3.41 -0.42	56.23 3.81 -0.35	39.14 2.59 0.00	36.82 2.36 0.00	37.80 2.24 0.00	47.78 2.03 -12.97	42.65 2.61 -0.24	36.14 2.29 0.00
BARRETT_IC_4 23707	26.33 1.47 0.00	27.21 1.29 -1.13	25.06 1.12 0.00	24.76 1.03 0.00	24.99 1.02 0.00	24.64 0.94 0.00	25.22 1.00 0.00	25.89 1.02 0.00	24.35 1.14 0.00	27.67 1.23 0.00	27.65 1.06 -0.18	30.49 1.57 -0.14	35.49 2.04 -0.75	38.94 2.41 -0.69	42.49 2.87 -0.75	45.71 3.10 -0.72	50.30 3.41 -0.42	56.23 3.81 -0.35	39.14 2.59 0.00	36.82 2.36 0.00	37.80 2.24 0.00	47.78 2.03 -12.97	42.65 2.61 -0.24	36.14 2.29 0.00



BARRETT_IC_5 23708	26.33 1.47 0.00	27.21 1.29 -1.13	25.06 1.12 0.00	24.76 1.03 0.00	24.99 1.02 0.00	24.64 0.94 0.00	25.22 1.00 0.00	25.89 1.02 0.00	24.35 1.14 0.00	27.67 1.23 0.00	27.65 1.06 -0.18	30.49 1.57 -0.14	35.49 2.04 -0.75	38.94 2.41 -0.69	42.49 2.87 -0.75	45.71 3.10 -0.72	50.30 3.41 -0.42	56.23 3.81 -0.35	39.14 2.59 0.00	36.82 2.36 0.00	37.80 2.24 0.00	47.78 2.03 -12.97	42.65 2.61 -0.24	36.14 2.29 0.00
BARRETT_IC_6 23709	26.33 1.47 0.00	27.21 1.29 -1.13	25.06 1.12 0.00	24.76 1.03 0.00	24.99 1.02 0.00	24.64 0.94 0.00	25.22 1.00 0.00	25.89 1.02 0.00	24.35 1.14 0.00	27.67 1.23 0.00	27.65 1.06 -0.18	30.49 1.57 -0.14	35.49 2.04 -0.75	38.94 2.41 -0.69	42.49 2.87 -0.75	45.71 3.10 -0.72	50.30 3.41 -0.42	56.23 3.81 -0.35	39.14 2.59 0.00	36.82 2.36 0.00	37.80 2.24 0.00	47.78 2.03 -12.97	42.65 2.61 -0.24	36.14 2.29 0.00
BARRETT_IC_7 23710	26.33 1.47 0.00	27.21 1.29 -1.13	25.06 1.12 0.00	24.76 1.03 0.00	24.99 1.02 0.00	24.65 0.94 0.00	25.24 1.02 0.00	25.89 1.01 0.00	24.35 1.14 0.00	27.67 1.22 0.00	27.65 1.06 -0.18	30.49 1.57 -0.14	35.50 2.04 -0.75	38.95 2.42 -0.69	42.50 2.88 -0.75	45.72 3.10 -0.73	50.30 3.41 -0.42	56.23 3.81 -0.35	39.14 2.59 0.00	36.82 2.36 0.00	37.79 2.23 0.00	47.78 2.03 -12.97	42.65 2.60 -0.24	36.14 2.29 0.00
BARRETT_IC_8 23711	26.33 1.47 0.00	27.21 1.29 -1.13	25.06 1.12 0.00	24.76 1.03 0.00	24.99 1.02 0.00	24.64 0.94 0.00	25.22 1.00 0.00	25.89 1.02 0.00	24.35 1.14 0.00	27.67 1.23 0.00	27.65 1.06 -0.18	30.49 1.57 -0.14	35.49 2.04 -0.75	38.94 2.41 -0.69	42.49 2.87 -0.75	45.71 3.10 -0.72	50.30 3.41 -0.42	56.23 3.81 -0.35	39.14 2.59 0.00	36.82 2.36 0.00	37.80 2.24 0.00	47.78 2.03 -12.97	42.65 2.61 -0.24	36.14 2.29 0.00
BARRETT_IC_9 23700	26.33 1.47 0.00	27.21 1.29 -1.13	25.06 1.12 0.00	24.76 1.03 0.00	24.99 1.02 0.00	24.64 0.94 0.00	25.22 1.00 0.00	25.89 1.02 0.00	24.35 1.14 0.00	27.67 1.23 0.00	27.65 1.06 -0.18	30.49 1.57 -0.14	35.49 2.04 -0.75	38.94 2.41 -0.69	42.49 2.87 -0.75	45.71 3.10 -0.72	50.30 3.41 -0.42	56.23 3.81 -0.35	39.14 2.59 0.00	36.82 2.36 0.00	37.80 2.24 0.00	47.78 2.03 -12.97	42.65 2.61 -0.24	36.14 2.29 0.00
BARRETT___1 23545	26.33 1.47 0.00	27.21 1.29 -1.13	25.06 1.12 0.00	24.76 1.03 0.00	24.99 1.02 0.00	24.64 0.94 0.00	25.22 1.00 0.00	25.89 1.02 0.00	24.35 1.14 0.00	27.67 1.23 0.00	27.65 1.06 -0.18	30.49 1.57 -0.14	35.49 2.04 -0.75	38.94 2.41 -0.69	42.49 2.87 -0.75	45.71 3.10 -0.72	50.30 3.41 -0.42	56.23 3.81 -0.35	39.14 2.59 0.00	36.82 2.36 0.00	37.80 2.24 0.00	47.78 2.03 -12.97	42.65 2.61 -0.24	36.14 2.29 0.00
BARRETT___2 23546	26.33 1.47 0.00	27.21 1.29 -1.13	25.06 1.12 0.00	24.76 1.03 0.00	24.99 1.02 0.00	24.64 0.94 0.00	25.22 1.00 0.00	25.89 1.02 0.00	24.35 1.14 0.00	27.67 1.23 0.00	27.65 1.06 -0.18	30.49 1.57 -0.14	35.49 2.04 -0.75	38.94 2.41 -0.69	42.49 2.87 -0.75	45.71 3.10 -0.72	50.30 3.41 -0.42	56.23 3.81 -0.35	39.14 2.59 0.00	36.82 2.36 0.00	37.80 2.24 0.00	47.78 2.03 -12.97	42.65 2.61 -0.24	36.14 2.29 0.00
BATAVIA___115KV_TB1 55881	25.55 0.69 0.00	25.45 0.66 0.00	24.49 0.55 0.00	24.07 0.34 0.00	24.28 0.31 0.00	24.05 0.34 0.00	24.60 0.38 0.00	25.27 0.39 0.00	23.58 0.37 0.00	27.47 1.02 0.00	27.71 1.30 0.00	30.52 1.74 0.00	34.80 2.09 0.00	38.62 2.78 0.00	42.18 3.31 0.00	44.61 2.73 0.00	48.47 1.99 0.00	54.50 2.44 0.00	38.23 1.67 0.00	36.01 1.55 0.00	36.87 1.31 0.00	33.93 1.15 0.00	41.04 1.23 0.00	35.15 1.31 0.00
BAYONEEC___CTG1 323682	26.15 1.29 0.00	25.88 1.09 0.00	24.88 0.93 0.00	24.61 0.88 0.00	24.83 0.86 0.00	24.53 0.82 0.00	25.10 0.88 0.00	25.86 0.98 0.00	24.31 1.10 0.00	27.70 1.25 0.00	27.99 1.39 -0.18	30.80 1.88 -0.14	35.63 2.17 -0.75	39.14 2.61 -0.69	42.68 3.05 -0.75	46.12 3.50 -0.73	50.22 3.74 0.00	56.51 4.10 -0.35	39.18 2.63 0.00	36.89 2.42 0.00	38.01 2.45 0.00	34.85 2.07 0.00	42.14 2.33 0.00	35.86 2.01 0.00
BAYONEEC___CTG10 323750	26.15 1.29 0.00	25.88 1.09 0.00	24.88 0.93 0.00	24.61 0.88 0.00	24.83 0.86 0.00	24.53 0.82 0.00	25.10 0.88 0.00	25.86 0.98 0.00	24.31 1.10 0.00	27.70 1.25 0.00	27.99 1.39 -0.18	30.80 1.88 -0.14	35.63 2.17 -0.75	39.14 2.61 -0.69	42.68 3.05 -0.75	46.12 3.50 -0.73	50.22 3.74 0.00	56.51 4.10 -0.35	39.18 2.63 0.00	36.89 2.42 0.00	38.01 2.45 0.00	34.85 2.07 0.00	42.14 2.33 0.00	35.86 2.01 0.00
BAYONEEC___CTG2 323683	26.15 1.29 0.00	25.88 1.09 0.00	24.88 0.93 0.00	24.61 0.88 0.00	24.83 0.86 0.00	24.53 0.82 0.00	25.10 0.88 0.00	25.86 0.98 0.00	24.31 1.10 0.00	27.70 1.25 0.00	27.99 1.39 -0.18	30.80 1.88 -0.14	35.63 2.17 -0.75	39.14 2.61 -0.69	42.68 3.05 -0.75	46.12 3.50 -0.73	50.22 3.74 0.00	56.51 4.10 -0.35	39.18 2.63 0.00	36.89 2.42 0.00	38.01 2.45 0.00	34.85 2.07 0.00	42.14 2.33 0.00	35.86 2.01 0.00
BAYONEEC___CTG3 323684	26.15 1.29 0.00	25.88 1.09 0.00	24.88 0.93 0.00	24.61 0.88 0.00	24.83 0.86 0.00	24.53 0.82 0.00	25.10 0.88 0.00	25.86 0.98 0.00	24.31 1.10 0.00	27.70 1.25 0.00	27.99 1.39 -0.18	30.80 1.88 -0.14	35.63 2.17 -0.75	39.14 2.61 -0.69	42.68 3.05 -0.75	46.12 3.50 -0.73	50.22 3.74 0.00	56.51 4.10 -0.35	39.18 2.63 0.00	36.89 2.42 0.00	38.01 2.45 0.00	34.85 2.07 0.00	42.14 2.33 0.00	35.86 2.01 0.00
BAYONEEC___CTG4 323685	26.15 1.29 0.00	25.88 1.09 0.00	24.88 0.93 0.00	24.61 0.88 0.00	24.83 0.86 0.00	24.53 0.82 0.00	25.10 0.88 0.00	25.86 0.98 0.00	24.31 1.10 0.00	27.70 1.25 0.00	27.99 1.39 -0.18	30.80 1.88 -0.14	35.63 2.17 -0.75	39.14 2.61 -0.69	42.68 3.05 -0.75	46.12 3.50 -0.73	50.22 3.74 0.00	56.51 4.10 -0.35	39.18 2.63 0.00	36.89 2.42 0.00	38.01 2.45 0.00	34.85 2.07 0.00	42.14 2.33 0.00	35.86 2.01 0.00
BAYONEEC___CTG5 323686	26.15 1.29 0.00	25.88 1.09 0.00	24.88 0.93 0.00	24.61 0.88 0.00	24.83 0.86 0.00	24.53 0.82 0.00	25.10 0.88 0.00	25.86 0.98 0.00	24.31 1.10 0.00	27.70 1.25 0.00	27.99 1.39 -0.18	30.80 1.88 -0.14	35.63 2.17 -0.75	39.14 2.61 -0.69	42.68 3.05 -0.75	46.12 3.50 -0.73	50.22 3.74 0.00	56.51 4.10 -0.35	39.18 2.63 0.00	36.89 2.42 0.00	38.01 2.45 0.00	34.85 2.07 0.00	42.14 2.33 0.00	35.86 2.01 0.00
BAYONEEC___CTG6 323687	26.15 1.29 0.00	25.88 1.09 0.00	24.88 0.93 0.00	24.61 0.88 0.00	24.83 0.86 0.00	24.53 0.82 0.00	25.10 0.88 0.00	25.86 0.98 0.00	24.31 1.10 0.00	27.70 1.25 0.00	27.99 1.39 -0.18	30.80 1.88 -0.14	35.63 2.17 -0.75	39.14 2.61 -0.69	42.68 3.05 -0.75	46.12 3.50 -0.73	50.22 3.74 0.00	56.51 4.10 -0.35	39.18 2.63 0.00	36.89 2.42 0.00	38.01 2.45 0.00	34.85 2.07 0.00	42.14 2.33 0.00	35.86 2.01 0.00



BAYONEEC___CTG7 323688	26.15 1.29 0.00	25.88 1.09 0.00	24.88 0.93 0.00	24.61 0.88 0.00	24.83 0.86 0.00	24.53 0.82 0.00	25.10 0.88 0.00	25.86 0.98 0.00	24.31 1.10 0.00	27.70 1.25 0.00	27.99 1.39 -0.18	30.80 1.88 -0.14	35.63 2.17 -0.75	39.14 2.61 -0.69	42.68 3.05 -0.75	46.12 3.50 -0.73	50.22 3.74 0.00	56.51 4.10 -0.35	39.18 2.63 0.00	36.89 2.42 0.00	38.01 2.45 0.00	34.85 2.07 0.00	42.14 2.33 0.00	35.86 2.01 0.00
BAYONEEC___CTG8 323689	26.15 1.29 0.00	25.88 1.09 0.00	24.88 0.93 0.00	24.61 0.88 0.00	24.83 0.86 0.00	24.53 0.82 0.00	25.10 0.88 0.00	25.86 0.98 0.00	24.31 1.10 0.00	27.70 1.25 0.00	27.99 1.39 -0.18	30.80 1.88 -0.14	35.63 2.17 -0.75	39.14 2.61 -0.69	42.68 3.05 -0.75	46.12 3.50 -0.73	50.22 3.74 0.00	56.51 4.10 -0.35	39.18 2.63 0.00	36.89 2.42 0.00	38.01 2.45 0.00	34.85 2.07 0.00	42.14 2.33 0.00	35.86 2.01 0.00
BAYONEEC___CTG9 323749	26.15 1.29 0.00	25.88 1.09 0.00	24.88 0.93 0.00	24.61 0.88 0.00	24.83 0.86 0.00	24.53 0.82 0.00	25.10 0.88 0.00	25.86 0.98 0.00	24.31 1.10 0.00	27.70 1.25 0.00	27.99 1.39 -0.18	30.80 1.88 -0.14	35.63 2.17 -0.75	39.14 2.61 -0.69	42.68 3.05 -0.75	46.12 3.50 -0.73	50.22 3.74 0.00	56.51 4.10 -0.35	39.18 2.63 0.00	36.89 2.42 0.00	38.01 2.45 0.00	34.85 2.07 0.00	42.14 2.33 0.00	35.86 2.01 0.00
BEACON___LESR 323632	25.65 0.79 0.00	25.54 0.75 0.00	24.62 0.67 0.00	24.37 0.64 0.00	24.59 0.62 0.00	24.28 0.57 0.00	24.80 0.58 0.00	25.49 0.61 0.00	23.78 0.57 0.00	26.92 0.47 0.00	26.75 0.49 0.16	29.32 0.65 0.12	32.74 0.68 0.65	36.05 0.81 0.59	39.21 0.99 0.65	42.56 1.31 0.63	48.06 1.58 0.00	53.31 1.56 0.31	37.72 1.17 0.00	35.68 1.22 0.00	36.87 1.31 0.00	33.76 0.98 0.00	41.05 1.24 0.00	34.89 1.04 0.00
BEAVER RIVER___HYD 24048	24.00 -0.86 0.00	24.59 -0.20 0.00	23.89 -0.06 0.00	23.82 0.09 0.00	24.09 0.12 0.00	23.86 0.15 0.00	24.38 0.16 0.00	25.03 0.15 0.00	23.26 0.05 0.00	26.57 0.10 -0.02	26.69 -0.02 -0.29	29.20 -0.11 -0.52	33.27 -0.32 -0.88	36.57 -0.47 -1.20	39.78 -0.56 -1.47	42.63 -0.98 -1.73	48.13 -0.48 -2.13	54.63 0.14 -2.43	38.08 0.24 -1.28	35.92 0.40 -1.05	37.33 0.61 -1.17	34.29 0.58 -0.92	41.54 0.18 -1.55	34.71 -0.13 -0.99
BEEBEE_GT_13 23619	25.18 0.32 0.00	25.07 0.28 0.00	24.16 0.21 0.00	23.80 0.07 0.00	24.02 0.04 0.00	23.76 0.06 0.00	24.28 0.06 0.00	24.95 0.07 0.00	23.31 0.10 0.00	27.05 0.60 0.00	27.27 0.85 0.00	29.96 1.18 0.00	34.11 1.40 0.00	37.76 1.92 0.00	41.19 2.32 0.00	43.77 1.88 0.00	47.87 1.39 0.00	53.65 1.59 0.00	37.55 1.00 0.00	35.34 0.88 0.00	36.25 0.69 0.00	33.36 0.58 0.00	40.39 0.58 0.00	34.50 0.66 0.00
BENSHRST_27_KV_BENSHRST_1 355998	26.48 1.61 0.00	26.19 1.40 0.00	25.17 1.22 0.00	24.96 1.22 -0.01	25.21 1.23 -0.01	24.87 1.16 0.00	25.47 1.25 0.00	26.18 1.30 0.00	24.59 1.38 0.00	28.03 1.58 0.00	28.32 1.72 -0.18	31.15 2.23 -0.14	36.04 2.58 -0.75	39.55 3.03 -0.69	43.19 3.57 -0.75	46.70 4.08 -0.73	50.83 4.35 0.00	57.23 4.82 -0.35	39.66 3.11 0.00	37.39 2.93 0.00	38.43 2.87 0.00	35.32 2.54 0.00	42.66 2.85 0.00	36.31 2.46 0.00
BETHLEHEM___GRP 23843	25.30 0.43 0.00	25.19 0.40 0.00	24.35 0.40 0.00	24.13 0.40 0.00	24.33 0.36 0.00	24.05 0.34 0.00	24.54 0.33 0.00	25.18 0.30 0.00	23.50 0.29 0.00	26.44 -0.01 0.00	26.34 0.07 0.15	28.84 0.18 0.11	32.23 0.13 0.61	35.40 0.11 0.56	38.51 0.25 0.61	41.73 0.44 0.60	47.03 0.56 0.00	52.26 0.49 0.29	36.96 0.40 0.00	34.88 0.41 0.00	36.04 0.48 0.00	33.11 0.33 0.00	40.21 0.40 0.00	34.18 0.33 0.00
BETHLEHEM___GS1 323560	25.30 0.43 0.00	25.19 0.41 0.00	24.35 0.40 0.00	24.13 0.40 0.00	24.33 0.36 0.00	24.05 0.34 0.00	24.54 0.31 0.00	25.17 0.30 0.00	23.50 0.29 0.00	26.44 -0.01 0.00	26.34 0.07 0.15	28.84 0.17 0.11	32.23 0.12 0.61	35.40 0.11 0.56	38.51 0.25 0.61	41.73 0.44 0.60	47.03 0.56 0.00	52.26 0.49 0.29	36.96 0.40 0.00	34.88 0.41 0.00	36.04 0.48 0.00	33.11 0.33 0.00	40.21 0.40 0.00	34.18 0.33 0.00
BETHLEHEM___GS2 323561	25.30 0.43 0.00	25.19 0.41 0.00	24.35 0.40 0.00	24.13 0.40 0.00	24.33 0.36 0.00	24.05 0.34 0.00	24.54 0.31 0.00	25.17 0.30 0.00	23.50 0.29 0.00	26.44 -0.01 0.00	26.34 0.07 0.15	28.84 0.17 0.11	32.23 0.12 0.61	35.40 0.11 0.56	38.51 0.25 0.61	41.73 0.44 0.60	47.03 0.56 0.00	52.26 0.49 0.29	36.96 0.40 0.00	34.88 0.41 0.00	36.04 0.48 0.00	33.11 0.33 0.00	40.21 0.40 0.00	34.18 0.33 0.00
BETHLEHEM___GS3 323562	25.30 0.43 0.00	25.19 0.41 0.00	24.35 0.40 0.00	24.13 0.40 0.00	24.33 0.36 0.00	24.05 0.34 0.00	24.54 0.31 0.00	25.17 0.30 0.00	23.50 0.29 0.00	26.44 -0.01 0.00	26.34 0.07 0.15	28.84 0.17 0.11	32.23 0.12 0.61	35.40 0.11 0.56	38.51 0.25 0.61	41.73 0.44 0.60	47.03 0.56 0.00	52.26 0.49 0.29	36.96 0.40 0.00	34.88 0.41 0.00	36.04 0.48 0.00	33.11 0.33 0.00	40.21 0.40 0.00	34.18 0.33 0.00
BETHLEHEM___STEEL 23779	24.87 0.00 0.00	24.83 0.04 0.00	23.95 0.00 0.00	23.56 -0.17 0.00	23.79 -0.18 0.00	23.59 -0.12 0.00	24.15 -0.07 0.00	24.88 0.00 0.00	23.24 0.04 0.00	27.13 0.68 0.00	27.42 1.01 0.00	30.15 1.37 0.00	34.25 1.54 0.00	38.09 2.25 0.00	41.55 2.68 0.00	43.91 2.02 0.00	47.65 1.18 0.00	53.34 1.28 0.00	37.32 0.76 0.00	35.19 0.73 0.00	36.01 0.45 0.00	33.15 0.37 0.00	40.17 0.37 0.00	34.49 0.65 0.00
BETHLHEM_115KV_TB1 79974	25.33 0.46 0.00	25.22 0.43 0.00	24.37 0.42 0.00	24.15 0.42 0.00	24.35 0.38 0.00	24.06 0.36 0.00	24.57 0.34 0.00	25.20 0.32 0.00	23.52 0.31 0.00	26.51 0.06 0.00	26.41 0.14 0.14	28.92 0.25 0.11	32.36 0.23 0.58	35.54 0.23 0.53	38.66 0.37 0.58	41.88 0.56 0.56	47.15 0.68 0.00	52.43 0.64 0.27	37.06 0.50 0.00	34.98 0.52 0.00	36.12 0.56 0.00	33.19 0.41 0.00	40.30 0.50 0.00	34.26 0.41 0.00
BETHPAGE_CC_5 323564	26.50 1.63 0.00	27.40 1.48 -1.13	25.23 1.28 0.00	24.92 1.19 0.00	25.16 1.19 0.00	24.80 1.09 0.00	25.40 1.18 0.00	26.10 1.22 0.00	24.55 1.34 0.00	27.90 1.45 0.00	27.80 1.20 -0.18	30.61 1.69 -0.14	35.69 2.23 -0.75	39.15 2.62 -0.69	42.76 3.14 -0.75	46.09 3.48 -0.73	50.76 3.87 -0.42	56.64 4.22 -0.35	39.43 2.87 0.00	37.11 2.65 0.00	38.04 2.48 0.00	47.91 2.16 -12.97	42.81 2.76 -0.24	36.24 2.40 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	24.94 0.08 0.00	24.89 0.10 0.00	24.00 0.06 0.00	23.62 -0.11 0.00	23.85 -0.13 0.00	23.64 -0.06 0.00	24.21 -0.01 0.00	24.95 0.07 0.00	23.31 0.11 0.00	27.22 0.77 0.00	27.51 1.10 0.00	30.26 1.49 0.00	34.38 1.67 0.00	38.23 2.39 0.00	41.71 2.84 0.00	44.07 2.19 0.00	47.83 1.36 0.00	53.55 1.48 0.00	37.45 0.90 0.00	35.32 0.85 0.00	36.12 0.56 0.00	33.25 0.47 0.00	40.30 0.49 0.00	34.58 0.74 0.00



BINGHAMTON___COGEN 23790	25.05 0.19 0.00	24.87 0.08 0.00	23.99 0.04 0.00	23.77 0.04 0.00	24.00 0.03 0.00	23.77 0.07 0.00	24.29 0.07 0.00	25.00 0.11 0.00	23.36 0.15 0.00	26.77 0.31 -0.02	27.09 0.45 -0.23	29.88 0.70 -0.40	34.12 0.74 -0.68	37.97 1.21 -0.92	41.48 1.48 -1.13	44.67 1.46 -1.33	49.30 1.19 -1.64	55.37 1.44 -1.86	38.51 0.97 -0.99	36.16 0.88 -0.81	37.25 0.79 -0.89	34.11 0.62 -0.71	41.70 0.69 -1.19	35.18 0.57 -0.76
BIXINCNT_115KV_LOAD 355685	24.95 0.08 0.00	24.87 0.08 0.00	24.03 0.08 0.00	23.67 -0.05 0.00	23.94 -0.03 0.00	23.79 0.08 0.00	24.40 0.18 0.00	25.19 0.31 0.00	23.54 0.34 0.00	27.43 0.98 0.00	27.68 1.26 0.00	30.46 1.68 0.00	34.50 1.79 0.00	38.35 2.50 0.00	41.87 3.00 0.00	44.32 2.44 0.00	48.02 1.54 0.00	53.67 1.61 0.00	37.69 1.14 0.00	35.56 1.10 0.00	36.39 0.83 0.00	33.52 0.74 0.00	40.67 0.86 0.00	34.85 1.00 0.00
BLACK RIVER___HYD 24047	24.17 -0.69 0.00	24.63 -0.16 0.00	23.93 -0.02 0.00	23.92 0.19 0.00	24.17 0.20 0.00	23.97 0.26 0.00	24.45 0.23 0.00	25.06 0.19 0.00	23.30 0.09 0.00	26.73 0.25 -0.03	27.12 0.21 -0.50	29.78 0.11 -0.89	34.04 -0.17 -1.50	37.63 -0.23 -2.03	41.01 -0.35 -2.49	43.97 -0.85 -2.94	49.75 -0.34 -3.62	56.53 0.35 -4.11	39.22 0.49 -2.18	36.92 0.67 -1.78	38.44 0.90 -1.98	35.19 0.85 -1.57	42.95 0.51 -2.63	35.63 0.10 -1.68
BLACKRVR_115KV_TB2 79977	24.17 -0.69 0.00	24.63 -0.16 0.00	23.93 -0.02 0.00	23.92 0.19 0.00	24.17 0.20 0.00	23.97 0.26 0.00	24.43 0.21 0.00	25.06 0.18 0.00	23.30 0.10 0.00	26.73 0.25 -0.03	27.12 0.21 -0.50	29.78 0.11 -0.89	34.04 -0.17 -1.50	37.63 -0.23 -2.03	41.02 -0.34 -2.49	43.97 -0.85 -2.94	49.75 -0.34 -3.62	56.53 0.36 -4.11	39.22 0.49 -2.18	36.92 0.67 -1.78	38.44 0.91 -1.98	35.20 0.85 -1.57	42.95 0.51 -2.63	35.63 0.10 -1.68
BLISS_WT_PWR 323608	24.88 0.01 0.00	24.81 0.02 0.00	23.97 0.03 0.00	23.63 -0.09 0.00	23.91 -0.06 0.00	23.78 0.07 0.00	24.50 0.28 0.00	25.19 0.31 0.00	23.54 0.33 0.00	27.41 0.96 0.00	27.68 1.26 0.00	30.47 1.69 0.00	34.53 1.82 0.00	38.36 2.52 0.00	41.86 2.99 0.00	44.32 2.43 0.00	47.99 1.51 0.00	53.62 1.56 0.00	37.70 1.15 0.00	35.56 1.10 0.00	36.38 0.82 0.00	33.52 0.74 0.00	40.67 0.86 0.00	34.85 1.00 0.00
BLUESTONE___WT_PWR 323821	25.06 0.20 0.00	24.93 0.14 0.00	24.10 0.15 0.00	23.95 0.22 0.00	24.53 0.56 0.00	24.53 0.82 0.00	25.05 0.83 0.00	25.90 1.01 0.00	24.36 1.15 0.00	27.86 1.40 -0.01	28.16 1.55 -0.19	31.02 1.90 -0.34	35.44 2.15 -0.58	39.47 2.84 -0.79	43.07 3.23 -0.97	46.50 3.46 -1.15	51.45 3.56 -1.41	58.04 4.37 -1.60	40.46 3.06 -0.85	38.10 2.95 -0.69	39.31 2.98 -0.77	35.94 2.55 -0.61	43.75 2.92 -1.02	36.88 2.37 -0.66
BLUE_CIRC_CHEM_DRP 24182	25.51 0.65 0.00	25.43 0.64 0.00	24.57 0.63 0.00	24.37 0.64 0.00	24.57 0.60 0.00	24.29 0.58 0.00	24.78 0.56 0.00	25.33 0.46 0.00	23.62 0.41 0.00	26.73 0.28 0.00	26.61 0.29 0.10	29.14 0.43 0.07	32.67 0.37 0.40	35.85 0.38 0.37	38.93 0.46 0.40	42.09 0.59 0.39	47.35 0.88 0.00	52.83 0.95 0.19	37.35 0.80 0.00	35.33 0.86 0.00	36.51 0.95 0.00	33.56 0.78 0.00	40.76 0.95 0.00	34.64 0.79 0.00
BOC_GAS_DRP 24189	25.33 0.47 0.00	25.22 0.43 0.00	24.36 0.41 0.00	24.14 0.41 0.00	24.35 0.38 0.00	24.06 0.36 0.00	24.57 0.35 0.00	25.21 0.33 0.00	23.54 0.34 0.00	26.67 0.23 0.00	26.60 0.27 0.09	29.15 0.45 0.07	32.79 0.47 0.39	36.01 0.53 0.36	39.17 0.69 0.39	42.37 0.86 0.38	47.43 0.96 0.00	52.85 0.97 0.19	37.26 0.71 0.00	35.17 0.70 0.00	36.30 0.74 0.00	33.36 0.59 0.00	40.50 0.69 0.00	34.44 0.59 0.00
BOONVILLE_115KV_TB1 79983	24.94 0.08 0.00	25.14 0.35 0.00	24.36 0.41 0.00	24.18 0.46 0.00	24.42 0.45 0.00	24.19 0.48 0.00	24.71 0.49 0.00	25.35 0.47 0.00	23.64 0.44 0.00	26.97 0.51 -0.01	27.04 0.48 -0.14	29.61 0.58 -0.25	33.72 0.59 -0.42	37.08 0.67 -0.57	40.36 0.79 -0.70	43.36 0.65 -0.83	48.56 1.06 -1.02	54.82 1.61 -1.16	38.35 1.18 -0.61	36.13 1.16 -0.50	37.37 1.25 -0.56	34.32 1.11 -0.44	41.57 1.03 -0.74	35.03 0.71 -0.47
BORALEX_4TH_BRANCH 23824	25.89 1.03 0.00	25.86 1.07 0.00	25.14 1.20 0.00	24.90 1.17 0.00	25.06 1.09 0.00	24.76 1.05 0.00	25.25 1.03 0.00	25.79 0.91 0.00	23.99 0.78 0.00	27.10 0.65 0.00	26.61 0.57 0.38	29.26 0.77 0.29	31.89 0.75 1.57	35.19 0.79 1.44	38.28 0.98 1.58	41.63 1.28 1.54	47.91 1.44 0.00	52.42 1.10 0.74	37.56 1.01 0.00	35.56 1.10 0.00	36.85 1.29 0.00	33.90 1.13 0.00	41.37 1.56 0.00	35.25 1.40 0.00
BOWLINE___1 23526	25.88 1.01 0.00	25.61 0.83 0.00	24.63 0.68 0.00	24.36 0.63 0.00	24.58 0.61 0.00	24.28 0.58 0.00	24.86 0.64 0.00	25.59 0.71 0.00	24.03 0.82 0.00	27.36 0.91 0.00	27.63 1.04 -0.17	30.40 1.49 -0.13	35.22 1.82 -0.69	38.70 2.22 -0.64	42.22 2.65 -0.70	45.64 3.08 -0.68	49.78 3.30 0.00	55.97 3.58 -0.33	38.90 2.35 0.00	36.61 2.15 0.00	37.66 2.10 0.00	34.54 1.76 0.00	41.80 1.99 0.00	35.49 1.64 0.00
BOWLINE___2 23595	25.88 1.01 0.00	25.61 0.83 0.00	24.63 0.68 0.00	24.36 0.63 0.00	24.58 0.61 0.00	24.28 0.58 0.00	24.86 0.64 0.00	25.59 0.71 0.00	24.03 0.82 0.00	27.36 0.91 0.00	27.63 1.04 -0.17	30.40 1.49 -0.13	35.22 1.82 -0.69	38.70 2.22 -0.64	42.21 2.65 -0.70	45.64 3.08 -0.68	49.78 3.30 0.00	55.97 3.58 -0.33	38.90 2.35 0.00	36.61 2.15 0.00	37.66 2.10 0.00	34.54 1.76 0.00	41.80 1.99 0.00	35.49 1.64 0.00
BRADY___115KV_TB2 356060	24.52 -0.34 0.00	24.79 0.00 0.00	24.01 0.06 0.00	23.81 0.08 0.00	24.15 0.17 0.00	23.91 0.20 0.00	24.51 0.28 0.00	25.26 0.37 0.00	23.26 0.05 0.00	26.51 0.06 0.00	26.05 -0.37 0.00	28.00 -0.78 0.00	31.85 -0.86 0.00	34.41 -1.43 0.00	37.17 -1.70 0.00	39.92 -1.97 0.00	44.61 -1.86 0.00	50.34 -1.72 0.00	35.50 -1.05 0.00	33.71 -0.75 0.00	35.04 -0.52 0.00	32.49 -0.29 0.00	39.43 -0.38 0.00	33.50 -0.35 0.00
BRANSCOMB___SOLAR 323811	26.04 1.17 0.00	25.91 1.12 0.00	25.05 1.10 0.00	24.81 1.09 0.00	24.99 1.02 0.00	24.68 0.97 0.00	25.22 1.00 0.00	25.86 0.98 0.00	24.12 0.91 0.00	27.28 0.83 0.00	26.98 0.76 0.19	29.53 0.90 0.15	32.78 0.88 0.80	36.14 1.04 0.74	39.43 1.36 0.81	42.72 1.62 0.79	48.57 2.10 0.00	54.06 2.38 0.38	38.54 1.99 0.00	36.45 1.99 0.00	37.68 2.12 0.00	34.51 1.73 0.00	42.04 2.23 0.00	35.74 1.89 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	26.72 1.86 0.00	27.64 1.73 -1.13	25.47 1.53 0.00	25.16 1.43 0.00	25.41 1.44 0.00	25.03 1.32 0.00	25.66 1.44 0.00	26.32 1.45 0.00	24.79 1.58 0.00	28.14 1.70 0.00	27.94 1.34 -0.18	30.87 1.95 -0.14	36.07 2.61 -0.75	39.44 2.91 -0.69	43.16 3.54 -0.75	46.40 3.78 -0.73	51.07 4.18 -0.42	56.85 4.44 -0.35	39.88 3.33 0.00	37.65 3.19 0.00	38.55 2.99 0.00	48.29 2.54 -12.97	43.17 3.12 -0.24	36.60 2.76 0.00



BRISTLHL_115KV_TB1 79998	24.61 -0.26 0.00	24.50 -0.29 0.00	23.63 -0.32 0.00	23.39 -0.34 0.00	23.61 -0.36 0.00	23.36 -0.35 0.00	23.81 -0.41 0.00	24.40 -0.48 0.00	22.80 -0.41 0.00	26.12 -0.40 -0.07	27.23 -0.28 -1.09	30.58 -0.15 -1.95	35.84 -0.15 -3.29	40.31 0.02 -4.46	44.46 0.12 -5.47	48.40 0.05 -6.46	54.30 -0.13 -7.96	60.99 -0.12 -9.05	41.24 -0.10 -4.79	38.28 -0.11 -3.93	39.73 -0.18 -4.35	35.98 -0.24 -3.45	45.22 -0.37 -5.78	37.20 -0.35 -3.70
BROOKHAVEN___DRP 24191	26.66 1.80 0.00	27.55 1.63 -1.13	25.36 1.42 0.00	25.04 1.31 0.00	25.28 1.31 0.00	24.89 1.18 0.00	25.54 1.32 0.00	26.20 1.32 0.00	24.71 1.50 0.00	28.08 1.63 0.00	27.87 1.28 -0.18	30.79 1.87 -0.14	36.00 2.55 -0.75	39.43 2.91 -0.69	43.23 3.61 -0.75	46.54 3.92 -0.73	51.29 4.39 -0.42	57.23 4.82 -0.35	39.92 3.36 0.00	37.63 3.17 0.00	38.45 2.89 0.00	48.14 2.39 -12.97	43.01 2.95 -0.24	36.45 2.61 0.00
BROOKLYN_NAVY_YARD 23515	26.12 1.25 0.00	25.84 1.06 0.00	24.86 0.91 0.00	24.59 0.86 0.00	24.79 0.82 0.00	24.51 0.80 0.00	25.09 0.87 0.00	25.83 0.95 0.00	24.28 1.08 0.00	27.67 1.22 0.00	27.96 1.37 -0.18	30.76 1.84 -0.14	35.61 2.15 -0.75	39.12 2.59 -0.69	42.67 3.04 -0.75	46.14 3.52 -0.73	50.25 3.77 0.00	56.56 4.15 -0.35	39.22 2.66 0.00	36.90 2.44 0.00	37.99 2.43 0.00	34.83 2.05 0.00	42.11 2.30 0.00	35.85 2.00 0.00
BROOKLYN___ARMY_DRP 323595	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.34 1.11 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.33 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.16 2.60 0.00	35.06 2.28 0.00	42.36 2.55 0.00	36.06 2.21 0.00
BROOKVLE_69_KV_TB1 55790	26.64 1.77 0.00	27.51 1.59 -1.13	25.34 1.39 0.00	25.02 1.29 0.00	25.26 1.29 0.00	24.92 1.21 0.00	25.54 1.32 0.00	26.23 1.35 0.00	24.69 1.48 0.00	28.10 1.65 0.00	28.13 1.53 -0.18	31.02 2.10 -0.14	36.13 2.67 -0.75	39.63 3.10 -0.69	43.33 3.71 -0.75	46.74 4.12 -0.73	51.38 4.49 -0.42	57.36 4.95 -0.35	39.89 3.33 0.00	37.47 3.00 0.00	38.44 2.89 0.00	48.40 2.65 -12.97	43.30 3.25 -0.24	36.60 2.75 0.00
BROOME_2_LFGE 323671	25.05 0.19 0.00	24.87 0.08 0.00	23.99 0.04 0.00	23.77 0.04 0.00	24.00 0.03 0.00	23.77 0.07 0.00	24.30 0.08 0.00	25.00 0.12 0.00	23.36 0.15 0.00	26.77 0.31 -0.02	27.08 0.44 -0.23	29.88 0.70 -0.40	34.13 0.74 -0.68	37.97 1.21 -0.92	41.47 1.48 -1.13	44.67 1.46 -1.33	49.30 1.18 -1.64	55.37 1.44 -1.86	38.50 0.96 -0.99	36.15 0.88 -0.81	37.24 0.79 -0.89	34.11 0.62 -0.71	41.69 0.69 -1.19	35.18 0.57 -0.76
BROOME___LFGE 323600	25.05 0.19 0.00	24.87 0.08 0.00	23.99 0.04 0.00	23.77 0.04 0.00	24.00 0.03 0.00	23.77 0.07 0.00	24.30 0.08 0.00	25.00 0.12 0.00	23.36 0.15 0.00	26.77 0.31 -0.02	27.08 0.44 -0.23	29.88 0.70 -0.40	34.13 0.74 -0.68	37.97 1.21 -0.92	41.47 1.48 -1.13	44.67 1.46 -1.33	49.30 1.18 -1.64	55.37 1.44 -1.86	38.50 0.96 -0.99	36.15 0.88 -0.81	37.24 0.79 -0.89	34.11 0.62 -0.71	41.69 0.69 -1.19	35.18 0.57 -0.76
BROWNFLS_115KV_TB_3_5 80003	23.74 -1.13 0.00	24.27 -0.51 0.00	23.49 -0.46 0.00	23.39 -0.33 0.00	23.67 -0.30 0.00	23.45 -0.26 0.00	23.99 -0.23 0.00	24.69 -0.19 0.00	22.89 -0.31 0.00	26.13 -0.33 -0.01	26.02 -0.60 -0.20	28.34 -0.79 -0.36	32.31 -1.00 -0.60	35.35 -1.31 -0.82	38.43 -1.44 -1.00	41.28 -1.79 -1.18	46.44 -1.49 -1.46	52.55 -1.17 -1.66	36.73 -0.70 -0.88	34.70 -0.48 -0.72	36.04 -0.31 -0.80	33.18 -0.22 -0.63	40.19 -0.68 -1.06	33.76 -0.76 -0.68
BROWNSV1_27_KV_LOAD 356125	26.44 1.58 0.00	26.14 1.36 0.00	25.13 1.19 0.00	24.85 1.12 0.00	25.07 1.10 0.00	24.77 1.06 0.00	25.38 1.16 0.00	26.12 1.24 0.00	24.56 1.35 0.00	27.99 1.55 0.00	28.29 1.69 -0.18	31.17 2.25 -0.14	36.06 2.60 -0.75	39.65 3.12 -0.69	43.26 3.64 -0.75	46.76 4.15 -0.73	50.90 4.43 0.00	57.29 4.88 -0.35	39.70 3.14 0.00	37.35 2.89 0.00	38.47 2.91 0.00	35.28 2.50 0.00	42.69 2.88 0.00	36.31 2.47 0.00
BURROWS___LYONSDAL 23803	24.68 -0.19 0.00	25.01 0.23 0.00	24.26 0.32 0.00	24.12 0.40 0.00	24.37 0.40 0.00	24.12 0.42 0.00	24.65 0.43 0.00	25.29 0.41 0.00	23.58 0.37 0.00	26.89 0.43 -0.01	26.97 0.38 -0.17	29.52 0.44 -0.30	33.62 0.40 -0.51	36.95 0.42 -0.69	40.21 0.49 -0.85	43.16 0.27 -1.00	48.45 0.73 -1.24	54.79 1.32 -1.41	38.29 0.99 -0.74	36.09 1.02 -0.61	37.38 1.14 -0.68	34.33 1.02 -0.54	41.55 0.84 -0.90	34.93 0.51 -0.58
CAITHNESS_CC_1 323624	26.64 1.78 0.00	27.54 1.62 -1.13	25.36 1.41 0.00	25.04 1.31 0.00	25.27 1.30 0.00	24.89 1.18 0.00	25.51 1.29 0.00	26.19 1.31 0.00	24.69 1.48 0.00	28.05 1.61 0.00	27.85 1.26 -0.18	30.75 1.84 -0.14	35.95 2.50 -0.75	39.38 2.86 -0.69	43.17 3.55 -0.75	46.49 3.87 -0.73	51.22 4.33 -0.42	57.12 4.71 -0.35	39.84 3.29 0.00	37.56 3.10 0.00	38.40 2.84 0.00	48.11 2.36 -12.97	42.96 2.91 -0.24	36.43 2.58 0.00
CALPINE BETH_PAGE_GT4 24209	26.53 1.67 0.00	27.42 1.51 -1.13	25.26 1.31 0.00	24.95 1.22 0.00	25.19 1.22 0.00	24.83 1.12 0.00	25.46 1.24 0.00	26.12 1.24 0.00	24.55 1.34 0.00	27.91 1.46 0.00	27.83 1.24 -0.18	30.62 1.70 -0.14	35.71 2.25 -0.75	39.17 2.64 -0.69	42.74 3.12 -0.75	46.08 3.46 -0.73	50.73 3.84 -0.42	56.61 4.19 -0.35	39.41 2.86 0.00	37.08 2.61 0.00	38.01 2.45 0.00	47.90 2.15 -12.97	42.84 2.78 -0.24	36.25 2.40 0.00
CALPINE_BETH_PAGE_GT_4 323586	26.53 1.67 0.00	27.42 1.51 -1.13	25.26 1.31 0.00	24.95 1.22 0.00	25.19 1.22 0.00	24.83 1.12 0.00	25.43 1.22 0.00	26.12 1.24 0.00	24.55 1.34 0.00	27.91 1.46 0.00	27.83 1.24 -0.18	30.61 1.70 -0.14	35.70 2.24 -0.75	39.16 2.63 -0.69	42.74 3.12 -0.75	46.07 3.46 -0.73	50.73 3.84 -0.42	56.61 4.19 -0.35	39.42 2.86 0.00	37.08 2.62 0.00	38.01 2.46 0.00	47.90 2.15 -12.97	42.84 2.78 -0.24	36.25 2.40 0.00
CALPINE_BP_GT1 23823	26.53 1.67 0.00	27.42 1.51 -1.13	25.26 1.31 0.00	24.95 1.22 0.00	25.19 1.22 0.00	24.83 1.12 0.00	25.43 1.22 0.00	26.12 1.24 0.00	24.55 1.34 0.00	27.91 1.46 0.00	27.83 1.24 -0.18	30.61 1.70 -0.14	35.70 2.24 -0.75	39.16 2.63 -0.69	42.74 3.12 -0.75	46.07 3.46 -0.73	50.73 3.84 -0.42	56.61 4.19 -0.35	39.42 2.86 0.00	37.08 2.62 0.00	38.01 2.46 0.00	47.90 2.15 -12.97	42.84 2.78 -0.24	36.25 2.40 0.00
CALSPAN___DRP 24200	24.87 0.00 0.00	24.83 0.04 0.00	23.95 0.00 0.00	23.56 -0.17 0.00	23.79 -0.18 0.00	23.59 -0.12 0.00	24.15 -0.07 0.00	24.88 0.00 0.00	23.24 0.04 0.00	27.13 0.68 0.00	27.42 1.01 0.00	30.15 1.37 0.00	34.25 1.54 0.00	38.09 2.25 0.00	41.55 2.68 0.00	43.91 2.02 0.00	47.65 1.18 0.00	53.34 1.28 0.00	37.32 0.76 0.00	35.19 0.73 0.00	36.01 0.45 0.00	33.15 0.37 0.00	40.17 0.37 0.00	34.49 0.65 0.00



CALVERTON___SOLAR 323806	26.73 1.87 0.00	27.61 1.69 -1.13	25.41 1.47 0.00	25.08 1.35 0.00	25.32 1.35 0.00	24.93 1.22 0.00	25.54 1.33 0.00	26.25 1.37 0.00	24.76 1.55 0.00	28.16 1.71 0.00	27.95 1.35 -0.18	30.86 1.94 -0.14	36.07 2.62 -0.75	39.51 2.98 -0.69	43.34 3.73 -0.75	46.65 4.03 -0.73	51.41 4.51 -0.42	57.40 4.99 -0.35	40.06 3.50 0.00	37.74 3.28 0.00	38.54 2.98 0.00	48.22 2.46 -12.97	43.10 3.05 -0.24	36.52 2.67 0.00
CANDIGU_WT_PWR 323617	24.63 -0.23 0.00	24.50 -0.29 0.00	23.68 -0.27 0.00	23.46 -0.27 0.00	23.76 -0.21 0.00	23.64 -0.06 0.00	24.29 0.07 0.00	25.02 0.14 0.00	23.39 0.18 0.00	27.02 0.57 -0.01	27.33 0.79 -0.12	30.14 1.14 -0.22	34.28 1.20 -0.38	38.23 1.88 -0.51	41.74 2.24 -0.63	44.54 1.92 -0.74	48.65 1.27 -0.91	54.66 1.57 -1.03	38.23 1.13 -0.55	35.97 1.06 -0.45	36.93 0.88 -0.50	33.87 0.70 -0.39	41.24 0.77 -0.66	35.04 0.77 -0.42
CARR STREET_E_SYR 24060	24.81 -0.05 0.00	24.69 -0.10 0.00	23.82 -0.13 0.00	23.58 -0.15 0.00	23.79 -0.18 0.00	23.53 -0.17 0.00	24.03 -0.19 0.00	24.62 -0.26 0.00	23.01 -0.20 0.00	26.35 -0.11 -0.02	26.76 0.01 -0.33	29.56 0.19 -0.58	33.93 0.23 -0.99	37.62 0.44 -1.34	41.03 0.52 -1.64	44.28 0.45 -1.94	49.13 0.27 -2.39	55.14 0.36 -2.72	38.19 0.19 -1.44	35.78 0.14 -1.18	36.93 0.06 -1.31	33.80 -0.01 -1.03	41.54 0.00 -1.74	34.94 -0.02 -1.11
CARTHAGE___PAPER 23857	24.23 -0.63 0.00	24.75 -0.04 0.00	24.07 0.12 0.00	24.03 0.30 0.00	24.30 0.33 0.00	24.08 0.37 0.00	24.59 0.37 0.00	25.25 0.37 0.00	23.45 0.24 0.00	26.81 0.34 -0.03	27.08 0.24 -0.42	29.66 0.14 -0.75	33.85 -0.12 -1.26	37.28 -0.26 -1.70	40.59 -0.37 -2.09	43.54 -0.82 -2.47	49.25 -0.27 -3.05	55.99 0.47 -3.46	38.89 0.50 -1.83	36.67 0.70 -1.50	38.17 0.95 -1.66	34.99 0.90 -1.32	42.60 0.58 -2.21	35.44 0.17 -1.42
CASSADAGA_WT_PWR 323784	24.91 0.04 0.00	25.03 0.24 0.00	24.16 0.22 0.00	23.86 0.13 0.00	24.11 0.14 0.00	24.03 0.32 0.00	24.83 0.61 0.00	25.61 0.73 0.00	23.93 0.72 0.00	27.87 1.43 0.00	28.20 1.79 0.00	31.10 2.32 0.00	35.30 2.59 0.00	39.38 3.54 0.00	42.89 4.02 0.00	45.39 3.50 0.00	49.07 2.59 0.00	55.18 3.12 0.00	38.62 2.06 0.00	36.41 1.95 0.00	37.21 1.65 0.00	34.22 1.44 0.00	41.43 1.62 0.00	35.45 1.60 0.00
CE_DUNWOOD___DRP 24194	26.04 1.17 0.00	25.78 0.99 0.00	24.79 0.85 0.00	24.52 0.79 0.00	24.74 0.77 0.00	24.44 0.73 0.00	25.03 0.81 0.00	25.74 0.86 0.00	24.18 0.97 0.00	27.53 1.08 0.00	27.78 1.19 -0.18	30.57 1.65 -0.14	35.42 1.97 -0.74	38.90 2.37 -0.69	42.43 2.81 -0.75	45.87 3.25 -0.73	49.96 3.49 0.00	56.23 3.82 -0.35	39.06 2.50 0.00	36.75 2.29 0.00	37.82 2.26 0.00	34.70 1.92 0.00	42.01 2.20 0.00	35.70 1.85 0.00
CE_MILLWOOD___DRP 24193	25.98 1.12 0.00	25.73 0.94 0.00	24.75 0.80 0.00	24.48 0.75 0.00	24.69 0.72 0.00	24.39 0.68 0.00	24.99 0.76 0.00	25.69 0.82 0.00	24.13 0.92 0.00	27.46 1.01 0.00	27.72 1.13 -0.18	30.49 1.58 -0.14	35.34 1.89 -0.74	38.80 2.28 -0.68	42.34 2.72 -0.74	45.76 3.15 -0.72	49.86 3.39 0.00	56.10 3.69 -0.35	38.97 2.42 0.00	36.68 2.22 0.00	37.75 2.19 0.00	34.62 1.85 0.00	41.92 2.11 0.00	35.62 1.78 0.00
CE_NYC2_DRP 24202	26.21 1.34 0.00	25.94 1.15 0.00	24.93 0.98 0.00	24.69 0.96 0.00	24.92 0.94 0.00	24.61 0.90 0.00	25.22 1.00 0.00	25.94 1.06 0.00	24.37 1.16 0.00	27.76 1.32 0.00	28.04 1.44 -0.18	30.83 1.91 -0.14	35.68 2.23 -0.75	39.19 2.66 -0.69	42.75 3.13 -0.75	46.21 3.59 -0.73	50.29 3.82 0.00	56.61 4.19 -0.35	39.24 2.69 0.00	36.96 2.50 0.00	38.02 2.46 0.00	34.90 2.13 0.00	42.21 2.40 0.00	35.92 2.08 0.00
CE_NYC_DRP 24195	26.18 1.31 0.00	25.91 1.12 0.00	24.91 0.96 0.00	24.64 0.91 0.00	24.85 0.88 0.00	24.56 0.85 0.00	25.16 0.94 0.00	25.89 1.01 0.00	24.35 1.14 0.00	27.74 1.30 0.00	28.02 1.43 -0.18	30.84 1.93 -0.14	35.69 2.23 -0.75	39.22 2.69 -0.69	42.76 3.14 -0.75	46.23 3.62 -0.73	50.33 3.85 0.00	56.66 4.25 -0.35	39.27 2.72 0.00	36.95 2.49 0.00	38.06 2.50 0.00	34.90 2.13 0.00	42.21 2.41 0.00	35.92 2.07 0.00
CHAFFEE___LFGE 323603	25.01 0.15 0.00	24.97 0.19 0.00	24.08 0.13 0.00	23.69 -0.05 0.00	23.91 -0.06 0.00	23.71 0.00 0.00	24.38 0.16 0.00	25.02 0.14 0.00	23.39 0.18 0.00	27.25 0.80 0.00	27.56 1.15 0.00	30.32 1.54 0.00	34.47 1.76 0.00	38.34 2.50 0.00	41.82 2.95 0.00	44.19 2.30 0.00	47.95 1.47 0.00	53.71 1.65 0.00	37.57 1.02 0.00	35.41 0.94 0.00	36.20 0.65 0.00	33.34 0.56 0.00	40.40 0.59 0.00	34.68 0.83 0.00
CHATEAUG_35_KV_LOAD 355732	23.95 -0.91 0.00	23.91 -0.87 0.00	23.27 -0.67 0.00	23.33 -0.40 0.00	23.84 -0.13 0.00	23.61 -0.09 0.00	24.31 0.09 0.00	25.17 0.29 0.00	23.35 0.14 0.00	26.58 0.13 0.00	26.38 -0.04 0.00	28.42 -0.36 0.00	32.34 -0.37 0.00	34.93 -0.90 0.00	37.74 -1.13 0.00	40.66 -1.23 0.00	45.31 -1.16 0.00	51.15 -0.91 0.00	36.18 -0.37 0.00	34.15 -0.32 0.00	35.43 -0.13 0.00	32.73 -0.04 0.00	39.78 -0.03 0.00	33.82 -0.03 0.00
CHATEAUG_WT_PWR 323614	23.85 -1.02 0.00	23.77 -1.02 0.00	23.13 -0.82 0.00	23.27 -0.46 0.00	23.84 -0.14 0.00	23.59 -0.12 0.00	24.30 0.08 0.00	25.18 0.31 0.00	23.39 0.19 0.00	26.64 0.19 0.00	26.47 0.05 0.00	28.56 -0.22 0.00	32.47 -0.24 0.00	35.09 -0.74 0.00	37.94 -0.93 0.00	40.89 -1.00 0.00	45.55 -0.92 0.00	51.41 -0.65 0.00	36.34 -0.22 0.00	34.29 -0.17 0.00	35.52 -0.04 0.00	32.78 0.00 0.00	39.84 0.03 0.00	33.86 0.02 0.00
CHAT_HIGH_FALL_HYD 323578	23.95 -0.91 0.00	23.91 -0.87 0.00	23.27 -0.67 0.00	23.33 -0.40 0.00	23.84 -0.13 0.00	23.61 -0.09 0.00	24.31 0.09 0.00	25.17 0.29 0.00	23.35 0.14 0.00	26.58 0.13 0.00	26.38 -0.04 0.00	28.42 -0.36 0.00	32.34 -0.37 0.00	34.93 -0.90 0.00	37.74 -1.13 0.00	40.66 -1.23 0.00	45.31 -1.16 0.00	51.15 -0.91 0.00	36.18 -0.37 0.00	34.15 -0.32 0.00	35.43 -0.13 0.00	32.73 -0.04 0.00	39.78 -0.03 0.00	33.82 -0.03 0.00
CHAUTAUQUA___LFGE 323629	24.91 0.05 0.00	24.91 0.12 0.00	24.04 0.10 0.00	23.73 0.00 0.00	23.94 -0.03 0.00	23.81 0.10 0.00	24.54 0.32 0.00	25.27 0.39 0.00	23.57 0.36 0.00	27.44 1.00 0.00	27.76 1.34 0.00	30.59 1.81 0.00	34.74 2.03 0.00	38.79 2.95 0.00	42.26 3.39 0.00	44.71 2.82 0.00	48.34 1.87 0.00	54.35 2.29 0.00	38.04 1.49 0.00	35.87 1.40 0.00	36.67 1.12 0.00	33.71 0.93 0.00	40.84 1.03 0.00	34.96 1.12 0.00
CHERRYST_13_KV_LD 356241	26.25 1.38 0.00	25.97 1.18 0.00	24.97 1.03 0.00	24.69 0.96 0.00	24.91 0.94 0.00	24.62 0.91 0.00	25.22 1.00 0.00	25.96 1.08 0.00	24.42 1.21 0.00	27.83 1.39 0.00	28.13 1.54 -0.18	30.96 2.04 -0.14	35.82 2.37 -0.75	39.37 2.84 -0.69	42.95 3.33 -0.75	46.43 3.81 -0.73	50.55 4.08 0.00	56.91 4.49 -0.35	39.43 2.88 0.00	37.09 2.63 0.00	38.19 2.63 0.00	35.03 2.25 0.00	42.36 2.55 0.00	36.03 2.19 0.00



CHESTROR_138KV_BK263 355645	25.77 0.90 0.00	25.53 0.74 0.00	24.56 0.62 0.00	24.30 0.57 0.00	24.52 0.55 0.00	24.23 0.52 0.00	24.81 0.59 0.00	25.50 0.62 0.00	23.92 0.71 0.00	27.22 0.77 0.00	27.47 0.90 -0.15	30.20 1.31 -0.11	34.90 1.57 -0.62	38.32 1.91 -0.56	41.76 2.28 -0.62	45.16 2.67 -0.60	49.38 2.90 0.00	55.52 3.17 -0.29	38.67 2.11 0.00	36.40 1.94 0.00	37.47 1.91 0.00	34.38 1.60 0.00	41.62 1.81 0.00	35.34 1.49 0.00
CH_MIDHUDSON___DRP 24192	25.95 1.09 0.00	25.73 0.94 0.00	24.76 0.81 0.00	24.50 0.77 0.00	24.70 0.73 0.00	24.41 0.70 0.00	25.00 0.78 0.00	25.69 0.81 0.00	24.10 0.90 0.00	27.42 0.97 0.00	27.63 1.09 -0.13	30.37 1.49 -0.10	35.01 1.77 -0.52	38.46 2.13 -0.48	41.91 2.51 -0.53	45.33 2.93 -0.51	49.63 3.16 0.00	55.82 3.51 -0.25	38.91 2.36 0.00	36.65 2.19 0.00	37.72 2.16 0.00	34.60 1.82 0.00	41.91 2.10 0.00	35.60 1.75 0.00
CH_MISC_IPPS 23765	26.12 1.25 0.00	25.87 1.08 0.00	24.88 0.93 0.00	24.62 0.89 0.00	24.83 0.86 0.00	24.53 0.82 0.00	25.10 0.88 0.00	25.84 0.96 0.00	24.25 1.04 0.00	27.61 1.16 0.00	27.85 1.30 -0.14	30.63 1.75 -0.11	35.37 2.08 -0.58	38.85 2.48 -0.53	42.36 2.91 -0.58	45.83 3.39 -0.56	50.15 3.67 0.00	56.45 4.11 -0.27	39.32 2.77 0.00	37.02 2.55 0.00	38.09 2.53 0.00	34.92 2.15 0.00	42.28 2.47 0.00	35.89 2.04 0.00
CH_RES_BVR_FALLS 23983	24.32 -0.55 0.00	24.44 -0.35 0.00	23.71 -0.24 0.00	23.58 -0.15 0.00	23.89 -0.08 0.00	23.64 -0.07 0.00	24.18 -0.04 0.00	24.88 0.01 0.00	23.15 -0.06 0.00	26.38 -0.07 0.00	26.28 -0.14 0.00	28.52 -0.26 0.00	32.42 -0.29 0.00	35.36 -0.48 0.00	38.23 -0.64 0.00	41.12 -0.77 0.00	45.79 -0.68 0.00	51.43 -0.63 0.00	36.13 -0.42 0.00	34.08 -0.38 0.00	35.23 -0.33 0.00	32.50 -0.28 0.00	39.42 -0.39 0.00	33.51 -0.34 0.00
CH_RES_NIAGARA 23895	24.16 -0.71 0.00	24.16 -0.63 0.00	23.31 -0.63 0.00	22.91 -0.82 0.00	23.13 -0.84 0.00	22.91 -0.80 0.00	23.45 -0.77 0.00	24.09 -0.79 0.00	22.50 -0.71 0.00	26.27 -0.18 0.00	26.52 0.11 0.00	29.10 0.32 0.00	32.96 0.25 0.00	36.52 0.67 0.00	39.87 1.00 0.00	42.03 0.14 0.00	45.56 -0.91 0.00	50.96 -1.10 0.00	35.70 -0.85 0.00	33.70 -0.76 0.00	34.51 -1.05 0.00	31.83 -0.95 0.00	38.60 -1.21 0.00	33.40 -0.45 0.00
CH_RES_SYRACUSE 23985	24.93 0.07 0.00	24.81 0.02 0.00	23.94 -0.01 0.00	23.69 -0.04 0.00	23.91 -0.06 0.00	23.65 -0.06 0.00	24.14 -0.08 0.00	24.74 -0.14 0.00	23.12 -0.09 0.00	26.50 0.01 -0.04	27.16 0.13 -0.60	30.18 0.32 -1.08	34.90 0.37 -1.82	38.93 0.63 -2.46	42.68 0.78 -3.03	46.22 0.76 -3.58	51.49 0.62 -4.40	57.83 0.77 -5.00	39.67 0.47 -2.65	37.04 0.40 -2.17	38.30 0.34 -2.40	34.91 0.23 -1.90	43.21 0.20 -3.20	36.05 0.15 -2.05
CLINTON_WT_PWR 323605	23.85 -1.02 0.00	23.77 -1.02 0.00	23.13 -0.82 0.00	23.27 -0.46 0.00	23.84 -0.14 0.00	23.59 -0.12 0.00	24.30 0.08 0.00	25.18 0.31 0.00	23.39 0.19 0.00	26.64 0.19 0.00	26.47 0.05 0.00	28.56 -0.22 0.00	32.47 -0.24 0.00	35.09 -0.74 0.00	37.94 -0.93 0.00	40.89 -1.00 0.00	45.55 -0.92 0.00	51.41 -0.65 0.00	36.34 -0.22 0.00	34.29 -0.17 0.00	35.52 -0.04 0.00	32.78 0.00 0.00	39.84 0.03 0.00	33.86 0.02 0.00
CLINTON___LFGE 323618	24.18 -0.69 0.00	24.07 -0.72 0.00	23.39 -0.55 0.00	23.50 -0.23 0.00	24.09 0.12 0.00	23.85 0.14 0.00	24.56 0.34 0.00	25.48 0.61 0.00	23.68 0.47 0.00	26.93 0.48 0.00	26.80 0.38 0.00	28.94 0.17 0.00	32.89 0.18 0.00	35.56 -0.28 0.00	38.49 -0.38 0.00	41.50 -0.39 0.00	46.22 -0.26 0.00	52.17 0.11 0.00	36.94 0.39 0.00	34.90 0.44 0.00	36.17 0.60 0.00	33.33 0.56 0.00	40.48 0.67 0.00	34.40 0.56 0.00
COBBLENY_34_KV_TB1 80064	25.01 0.15 0.00	24.97 0.18 0.00	24.08 0.13 0.00	23.68 -0.05 0.00	23.91 -0.06 0.00	23.71 0.00 0.00	24.28 0.05 0.00	25.02 0.14 0.00	23.39 0.18 0.00	27.26 0.81 0.00	27.56 1.15 0.00	30.32 1.54 0.00	34.45 1.74 0.00	38.32 2.48 0.00	41.82 2.95 0.00	44.19 2.30 0.00	47.95 1.47 0.00	53.70 1.64 0.00	37.57 1.01 0.00	35.41 0.94 0.00	36.22 0.66 0.00	33.34 0.57 0.00	40.39 0.58 0.00	34.67 0.83 0.00
COFFEEN___115KV_TB3 355620	24.40 -0.47 0.00	24.80 0.01 0.00	24.09 0.14 0.00	24.05 0.32 0.00	24.30 0.33 0.00	24.10 0.39 0.00	24.56 0.34 0.00	25.17 0.29 0.00	23.39 0.18 0.00	26.87 0.39 -0.03	27.29 0.36 -0.51	29.95 0.26 -0.91	34.22 -0.03 -1.53	37.87 -0.06 -2.08	41.31 -0.12 -2.56	44.26 -0.64 -3.02	50.09 -0.10 -3.72	56.93 0.64 -4.23	39.55 0.75 -2.24	37.25 0.95 -1.84	38.78 1.19 -2.03	35.56 1.17 -1.61	43.40 0.88 -2.70	35.97 0.39 -1.73
COLDSPRG_115KV_BK1 355956	25.43 0.56 0.00	25.36 0.57 0.00	24.42 0.47 0.00	24.09 0.36 0.00	24.34 0.37 0.00	24.18 0.48 0.00	24.85 0.62 0.00	25.71 0.83 0.00	24.06 0.85 0.00	28.01 1.57 0.00	28.29 1.87 0.00	31.18 2.40 0.00	35.31 2.60 0.00	39.41 3.57 0.00	42.92 4.05 0.00	45.48 3.60 0.00	49.23 2.75 0.00	55.21 3.15 0.00	38.64 2.08 0.00	36.45 1.99 0.00	37.26 1.70 0.00	34.28 1.50 0.00	41.57 1.76 0.00	35.54 1.69 0.00
COLONIE_LFGE___ 323577	25.69 0.83 0.00	25.61 0.82 0.00	24.79 0.84 0.00	24.56 0.83 0.00	24.75 0.77 0.00	24.44 0.73 0.00	24.95 0.73 0.00	25.57 0.69 0.00	23.84 0.63 0.00	26.97 0.53 0.00	26.71 0.52 0.23	29.31 0.70 0.17	32.46 0.69 0.94	35.74 0.77 0.87	38.93 1.00 0.95	42.21 1.25 0.92	47.95 1.48 0.00	53.07 1.46 0.45	37.75 1.19 0.00	35.65 1.19 0.00	36.86 1.30 0.00	33.84 1.07 0.00	41.18 1.37 0.00	35.03 1.18 0.00
COOPERNY_115KV_TB1 80082	25.50 0.64 0.00	25.29 0.50 0.00	24.36 0.41 0.00	24.12 0.39 0.00	24.34 0.37 0.00	24.06 0.35 0.00	24.62 0.40 0.00	25.31 0.43 0.00	23.71 0.51 0.00	27.01 0.56 0.00	27.18 0.67 -0.09	29.82 0.97 -0.07	34.24 1.15 -0.38	37.60 1.41 -0.35	40.96 1.71 -0.38	44.25 2.00 -0.37	48.61 2.14 0.00	54.62 2.38 -0.18	38.13 1.58 0.00	35.93 1.46 0.00	36.98 1.42 0.00	33.97 1.19 0.00	41.16 1.35 0.00	34.96 1.11 0.00
COPENHAGEN_WT_PWR 323753	23.98 -0.88 0.00	24.46 -0.33 0.00	23.80 -0.15 0.00	23.85 0.12 0.00	24.10 0.12 0.00	23.89 0.18 0.00	24.36 0.14 0.00	24.98 0.10 0.00	23.24 0.03 0.00	26.67 0.18 -0.04	27.11 0.15 -0.54	29.82 0.09 -0.95	34.14 -0.19 -1.61	37.75 -0.28 -2.18	41.13 -0.42 -2.68	44.07 -0.98 -3.17	49.91 -0.46 -3.90	56.74 0.25 -4.43	39.25 0.35 -2.35	36.92 0.53 -1.93	38.44 0.75 -2.13	35.13 0.66 -1.69	42.90 0.25 -2.84	35.54 -0.12 -1.81
CORNELL_____ 23752	25.40 0.53 0.00	25.23 0.44 0.00	24.33 0.38 0.00	24.10 0.37 0.00	24.33 0.36 0.00	24.10 0.40 0.00	24.62 0.40 0.00	25.30 0.42 0.00	23.64 0.43 0.00	27.04 0.57 -0.02	27.39 0.66 -0.32	30.23 0.89 -0.56	34.69 1.03 -0.95	38.52 1.40 -1.28	42.13 1.68 -1.57	45.61 1.86 -1.86	50.55 1.79 -2.29	56.99 2.32 -2.60	39.59 1.66 -1.38	37.13 1.54 -1.13	38.31 1.50 -1.25	35.02 1.25 -0.99	42.87 1.39 -1.66	36.04 1.13 -1.07



CORONA__69_KV_TB1 355595	26.54 1.67 0.00	27.40 1.49 -1.13	25.24 1.29 0.00	24.93 1.20 0.00	25.17 1.20 0.00	24.82 1.12 0.00	25.44 1.22 0.00	26.12 1.24 0.00	24.58 1.37 0.00	27.96 1.51 0.00	28.00 1.40 -0.18	30.89 1.97 -0.14	35.98 2.52 -0.75	39.46 2.93 -0.69	43.13 3.51 -0.75	46.43 3.82 -0.73	51.04 4.15 -0.42	56.99 4.57 -0.35	39.70 3.14 0.00	37.33 2.87 0.00	38.35 2.80 0.00	48.23 2.47 -12.97	43.08 3.03 -0.24	36.46 2.61 0.00
CORTLAND__115KV_TB3 80093	25.26 0.39 0.00	25.11 0.32 0.00	24.23 0.28 0.00	24.00 0.27 0.00	24.23 0.25 0.00	23.99 0.29 0.00	24.51 0.28 0.00	25.17 0.29 0.00	23.51 0.30 0.00	26.89 0.42 -0.02	27.20 0.47 -0.31	30.01 0.67 -0.56	34.41 0.76 -0.94	38.20 1.09 -1.27	41.76 1.33 -1.56	45.14 1.41 -1.84	50.12 1.37 -2.27	56.44 1.80 -2.58	39.20 1.28 -1.37	36.77 1.19 -1.12	37.95 1.15 -1.24	34.71 0.95 -0.98	42.51 1.05 -1.65	35.73 0.83 -1.06
COXSACKIE__GT 23611	26.62 1.75 0.00	26.48 1.69 0.00	25.58 1.63 0.00	25.34 1.61 0.00	25.53 1.56 0.00	25.24 1.53 0.00	25.74 1.52 0.00	26.32 1.44 0.00	24.52 1.31 0.00	27.79 1.34 0.00	27.65 1.30 0.07	30.40 1.67 0.05	33.92 1.47 0.27	37.27 1.68 0.24	40.10 1.49 0.27	43.62 1.99 0.26	48.92 2.45 0.00	55.27 3.34 0.13	39.18 2.63 0.00	37.18 2.72 0.00	38.52 2.96 0.00	35.33 2.55 0.00	42.85 3.04 0.00	36.32 2.47 0.00
CPV_VALLEY__CC1 323721	25.57 0.71 0.00	25.35 0.56 0.00	24.40 0.46 0.00	24.15 0.42 0.00	24.37 0.40 0.00	24.07 0.37 0.00	24.63 0.41 0.00	25.34 0.46 0.00	23.76 0.55 0.00	27.04 0.59 0.00	27.25 0.70 -0.13	29.94 1.06 -0.10	34.53 1.29 -0.53	37.92 1.59 -0.49	41.33 1.92 -0.53	44.67 2.26 -0.52	48.90 2.42 0.00	54.95 2.64 -0.25	38.29 1.74 0.00	36.06 1.60 0.00	37.11 1.56 0.00	34.06 1.28 0.00	41.25 1.44 0.00	35.04 1.19 0.00
CPV_VALLEY__CC2 323722	25.57 0.71 0.00	25.35 0.56 0.00	24.40 0.46 0.00	24.15 0.42 0.00	24.37 0.40 0.00	24.07 0.37 0.00	24.63 0.41 0.00	25.34 0.46 0.00	23.76 0.55 0.00	27.04 0.59 0.00	27.25 0.70 -0.13	29.94 1.06 -0.10	34.53 1.29 -0.53	37.92 1.59 -0.49	41.33 1.92 -0.53	44.67 2.26 -0.52	48.90 2.42 0.00	54.95 2.64 -0.25	38.29 1.74 0.00	36.06 1.60 0.00	37.11 1.56 0.00	34.06 1.28 0.00	41.25 1.44 0.00	35.04 1.19 0.00
CRESCENT__HYD 24018	25.69 0.83 0.00	25.61 0.82 0.00	24.79 0.84 0.00	24.56 0.83 0.00	24.75 0.77 0.00	24.44 0.73 0.00	24.95 0.73 0.00	25.57 0.69 0.00	23.84 0.63 0.00	26.97 0.53 0.00	26.71 0.52 0.23	29.31 0.70 0.17	32.46 0.69 0.94	35.74 0.77 0.87	38.93 1.00 0.95	42.21 1.25 0.92	47.95 1.48 0.00	53.07 1.46 0.45	37.75 1.19 0.00	35.65 1.19 0.00	36.86 1.30 0.00	33.84 1.07 0.00	41.18 1.37 0.00	35.03 1.18 0.00
CRICKET__VALLEY_CC1 323756	25.64 0.77 0.00	25.47 0.68 0.00	24.52 0.57 0.00	24.25 0.52 0.00	24.43 0.46 0.00	24.15 0.44 0.00	24.70 0.48 0.00	25.41 0.53 0.00	23.79 0.58 0.00	27.00 0.55 0.00	24.53 0.58 2.47	27.83 0.92 1.88	23.59 1.09 10.21	27.81 1.35 9.39	30.30 1.68 10.24	33.92 2.02 9.99	48.68 2.21 0.00	49.54 2.31 4.83	38.13 1.57 0.00	35.96 1.49 0.00	37.04 1.48 0.00	33.97 1.19 0.00	41.20 1.40 0.00	35.03 1.18 0.00
CRICKET__VALLEY_CC2 323757	25.64 0.77 0.00	25.47 0.68 0.00	24.52 0.57 0.00	24.25 0.52 0.00	24.43 0.46 0.00	24.15 0.44 0.00	24.70 0.48 0.00	25.41 0.53 0.00	23.79 0.58 0.00	27.00 0.55 0.00	24.53 0.58 2.47	27.83 0.92 1.88	23.59 1.09 10.21	27.81 1.35 9.39	30.30 1.68 10.24	33.92 2.02 9.99	48.68 2.21 0.00	49.54 2.31 4.83	38.13 1.57 0.00	35.96 1.49 0.00	37.04 1.48 0.00	33.97 1.19 0.00	41.20 1.40 0.00	35.03 1.18 0.00
CRICKET__VALLEY_CC3 323758	25.64 0.77 0.00	25.47 0.68 0.00	24.52 0.57 0.00	24.25 0.52 0.00	24.43 0.46 0.00	24.15 0.44 0.00	24.70 0.48 0.00	25.41 0.53 0.00	23.79 0.58 0.00	27.00 0.55 0.00	24.53 0.58 2.47	27.83 0.92 1.88	23.59 1.09 10.21	27.81 1.35 9.39	30.30 1.68 10.24	33.92 2.02 9.99	48.68 2.21 0.00	49.54 2.31 4.83	38.13 1.57 0.00	35.96 1.49 0.00	37.04 1.48 0.00	33.97 1.19 0.00	41.20 1.40 0.00	35.03 1.18 0.00
CRUCIBLE__METL_DRP 24180	24.93 0.07 0.00	24.81 0.02 0.00	23.94 -0.01 0.00	23.69 -0.04 0.00	23.91 -0.06 0.00	23.65 -0.06 0.00	24.12 -0.10 0.00	24.74 -0.14 0.00	23.12 -0.09 0.00	26.50 0.01 -0.04	27.15 0.13 -0.60	30.18 0.32 -1.08	34.90 0.37 -1.82	38.93 0.63 -2.46	42.68 0.78 -3.03	46.22 0.77 -3.58	51.49 0.62 -4.40	57.83 0.77 -5.00	39.67 0.47 -2.65	37.03 0.40 -2.17	38.30 0.34 -2.40	34.92 0.24 -1.90	43.20 0.20 -3.20	36.05 0.15 -2.05
DAHOWA__HYDRO 323763	26.15 1.29 0.00	26.02 1.23 0.00	25.15 1.20 0.00	24.91 1.18 0.00	25.08 1.11 0.00	24.77 1.06 0.00	25.33 1.11 0.00	25.98 1.10 0.00	24.23 1.02 0.00	27.41 0.96 0.00	27.09 0.86 0.19	29.66 1.02 0.14	32.91 0.98 0.78	36.32 1.19 0.71	39.62 1.53 0.78	42.95 1.82 0.76	48.82 2.35 0.00	54.36 2.67 0.37	38.80 2.25 0.00	36.71 2.25 0.00	37.93 2.38 0.00	34.71 1.93 0.00	42.32 2.51 0.00	35.98 2.13 0.00
DANC__LFGE 323619	24.23 -0.63 0.00	24.48 -0.31 0.00	23.73 -0.21 0.00	23.66 -0.07 0.00	23.89 -0.08 0.00	23.65 -0.05 0.00	24.11 -0.11 0.00	24.71 -0.17 0.00	23.02 -0.18 0.00	26.43 -0.06 -0.04	27.07 -0.02 -0.67	29.96 -0.01 -1.20	34.54 -0.19 -2.02	38.40 -0.17 -2.74	42.00 -0.24 -3.36	45.23 -0.63 -3.97	50.95 -0.41 -4.89	57.64 0.02 -5.56	39.62 0.12 -2.94	37.12 0.24 -2.41	38.59 0.37 -2.67	35.21 0.32 -2.12	43.40 0.04 -3.55	35.93 -0.20 -2.28
DANSKAMMER__1 23586	26.12 1.25 0.00	25.87 1.08 0.00	24.88 0.93 0.00	24.62 0.89 0.00	24.83 0.86 0.00	24.53 0.82 0.00	25.10 0.88 0.00	25.84 0.96 0.00	24.25 1.04 0.00	27.61 1.16 0.00	27.85 1.30 -0.14	30.63 1.75 -0.11	35.37 2.08 -0.58	38.85 2.48 -0.53	42.36 2.91 -0.58	45.83 3.39 -0.56	50.15 3.67 0.00	56.45 4.11 -0.27	39.32 2.77 0.00	37.02 2.55 0.00	38.09 2.53 0.00	34.92 2.15 0.00	42.28 2.47 0.00	35.89 2.04 0.00
DANSKAMMER__2 23589	26.12 1.25 0.00	25.87 1.08 0.00	24.88 0.93 0.00	24.62 0.89 0.00	24.83 0.86 0.00	24.53 0.82 0.00	25.10 0.88 0.00	25.84 0.96 0.00	24.25 1.04 0.00	27.61 1.16 0.00	27.85 1.30 -0.14	30.63 1.75 -0.11	35.37 2.08 -0.58	38.85 2.48 -0.53	42.36 2.91 -0.58	45.83 3.39 -0.56	50.15 3.67 0.00	56.45 4.11 -0.27	39.32 2.77 0.00	37.02 2.55 0.00	38.09 2.53 0.00	34.92 2.15 0.00	42.28 2.47 0.00	35.89 2.04 0.00
DANSKAMMER__3 23590	26.12 1.25 0.00	25.87 1.08 0.00	24.88 0.93 0.00	24.62 0.89 0.00	24.83 0.86 0.00	24.53 0.82 0.00	25.10 0.88 0.00	25.84 0.96 0.00	24.25 1.04 0.00	27.61 1.16 0.00	27.85 1.30 -0.14	30.63 1.75 -0.11	35.37 2.08 -0.58	38.85 2.48 -0.53	42.36 2.91 -0.58	45.83 3.39 -0.56	50.15 3.67 0.00	56.45 4.11 -0.27	39.32 2.77 0.00	37.02 2.55 0.00	38.09 2.53 0.00	34.92 2.15 0.00	42.28 2.47 0.00	35.89 2.04 0.00



DANSKAMMER___4 23591	26.12 1.25 0.00	25.87 1.08 0.00	24.88 0.93 0.00	24.62 0.89 0.00	24.83 0.86 0.00	24.53 0.82 0.00	25.10 0.88 0.00	25.84 0.96 0.00	24.25 1.04 0.00	27.61 1.16 0.00	27.85 1.30 -0.14	30.63 1.75 -0.11	35.37 2.08 -0.58	38.85 2.48 -0.53	42.36 2.91 -0.58	45.83 3.39 -0.56	50.15 3.67 0.00	56.45 4.11 -0.27	39.32 2.77 0.00	37.02 2.55 0.00	38.09 2.53 0.00	34.92 2.15 0.00	42.28 2.47 0.00	35.89 2.04 0.00
DANSKAMMER___DIESEL 23592	26.12 1.25 0.00	25.87 1.08 0.00	24.88 0.93 0.00	24.62 0.89 0.00	24.83 0.86 0.00	24.53 0.82 0.00	25.12 0.90 0.00	25.84 0.96 0.00	24.25 1.04 0.00	27.61 1.16 0.00	27.85 1.30 -0.14	30.63 1.75 -0.11	35.37 2.08 -0.58	38.86 2.49 -0.53	42.36 2.91 -0.58	45.83 3.39 -0.56	50.15 3.67 0.00	56.44 4.11 -0.27	39.33 2.77 0.00	37.02 2.55 0.00	38.09 2.53 0.00	34.92 2.15 0.00	42.28 2.47 0.00	35.89 2.04 0.00
DARBY___SOLAR 323810	26.04 1.18 0.00	25.91 1.12 0.00	25.05 1.10 0.00	24.81 1.08 0.00	24.98 1.01 0.00	24.68 0.97 0.00	25.22 0.99 0.00	25.87 0.99 0.00	24.13 0.92 0.00	27.27 0.83 0.00	26.98 0.76 0.19	29.53 0.90 0.15	32.77 0.87 0.80	36.14 1.04 0.74	39.43 1.36 0.81	42.73 1.63 0.79	48.60 2.12 0.00	54.08 2.40 0.38	38.58 2.02 0.00	36.48 2.02 0.00	37.70 2.14 0.00	34.52 1.75 0.00	42.07 2.26 0.00	35.77 1.92 0.00
DASHVILLE___HYD 23610	25.84 0.98 0.00	25.59 0.80 0.00	24.60 0.66 0.00	24.34 0.61 0.00	24.56 0.58 0.00	24.27 0.56 0.00	24.85 0.64 0.00	25.57 0.69 0.00	24.02 0.81 0.00	27.39 0.95 0.00	27.60 1.11 -0.07	30.37 1.53 -0.06	34.98 1.96 -0.31	38.46 2.34 -0.28	41.81 2.63 -0.31	45.30 3.11 -0.30	49.68 3.21 0.00	55.79 3.58 -0.15	38.91 2.36 0.00	36.61 2.14 0.00	37.65 2.09 0.00	34.54 1.77 0.00	41.79 1.99 0.00	35.52 1.67 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	27.31 2.45 0.00	28.13 2.21 -1.13	25.87 1.92 0.00	25.52 1.79 0.00	25.74 1.77 0.00	25.32 1.61 0.00	26.00 1.78 0.00	26.72 1.85 0.00	25.28 2.07 0.00	28.82 2.37 0.00	28.65 2.05 -0.18	31.55 2.64 -0.14	36.84 3.39 -0.75	40.31 3.78 -0.69	44.23 4.61 -0.75	47.39 4.78 -0.73	52.14 5.24 -0.42	58.45 6.04 -0.35	40.89 4.34 0.00	38.49 4.03 0.00	39.03 3.47 0.00	48.55 2.80 -12.97	43.58 3.53 -0.24	36.85 3.01 0.00
DELAWARE___LFGE 323621	25.46 0.60 0.00	25.30 0.51 0.00	24.40 0.45 0.00	24.19 0.46 0.00	24.45 0.48 0.00	24.18 0.47 0.00	24.69 0.47 0.00	25.39 0.51 0.00	23.77 0.57 0.00	27.16 0.71 -0.01	27.32 0.80 -0.10	30.02 1.06 -0.18	34.23 1.22 -0.30	37.76 1.51 -0.41	41.15 1.78 -0.50	44.45 1.96 -0.59	49.19 1.98 -0.73	55.17 2.28 -0.83	38.56 1.57 -0.44	36.30 1.47 -0.36	37.43 1.47 -0.40	34.33 1.24 -0.32	41.76 1.41 -0.53	35.36 1.17 -0.34
DERFIELD_115KV_TB7 355931	24.94 0.08 0.00	24.86 0.07 0.00	24.02 0.07 0.00	23.80 0.07 0.00	24.03 0.06 0.00	23.76 0.05 0.00	24.27 0.05 0.00	24.90 0.02 0.00	23.25 0.04 0.00	26.48 0.03 0.00	26.47 0.06 0.00	28.91 0.13 0.00	32.86 0.15 0.00	36.05 0.21 0.00	39.16 0.29 0.00	42.23 0.34 0.00	46.83 0.36 0.00	52.44 0.38 0.00	36.83 0.28 0.00	34.74 0.28 0.00	35.84 0.28 0.00	32.98 0.20 0.00	40.03 0.22 0.00	34.03 0.18 0.00
DOGLEVILLE___HYD 23807	25.17 0.30 0.00	24.91 0.12 0.00	24.04 0.10 0.00	23.84 0.12 0.00	23.99 0.02 0.00	23.72 0.01 0.00	24.12 -0.10 0.00	24.68 -0.20 0.00	23.07 -0.14 0.00	26.11 -0.33 0.00	26.11 -0.31 0.00	28.45 -0.33 0.00	32.28 -0.42 0.00	35.60 -0.24 0.00	39.07 0.20 0.00	42.28 0.40 0.00	47.25 0.78 0.00	52.97 0.91 0.00	37.43 0.87 0.00	35.43 0.97 0.00	36.65 1.09 0.00	33.62 0.84 0.00	40.89 1.08 0.00	34.64 0.79 0.00
DUNKIRK___115KV_TB_200 55889	24.90 0.04 0.00	24.88 0.10 0.00	24.02 0.07 0.00	23.69 -0.04 0.00	23.91 -0.07 0.00	23.77 0.06 0.00	24.39 0.17 0.00	25.21 0.33 0.00	23.52 0.31 0.00	27.39 0.94 0.00	27.69 1.28 0.00	30.52 1.74 0.00	34.64 1.93 0.00	38.68 2.84 0.00	42.16 3.29 0.00	44.60 2.71 0.00	48.24 1.76 0.00	54.20 2.14 0.00	37.95 1.40 0.00	35.79 1.32 0.00	36.60 1.04 0.00	33.63 0.85 0.00	40.74 0.93 0.00	34.87 1.03 0.00
DUNKIRK___1 23563	24.90 0.04 0.00	24.88 0.10 0.00	24.02 0.07 0.00	23.69 -0.04 0.00	23.91 -0.07 0.00	23.77 0.06 0.00	24.39 0.17 0.00	25.21 0.33 0.00	23.52 0.31 0.00	27.39 0.94 0.00	27.69 1.28 0.00	30.52 1.74 0.00	34.64 1.93 0.00	38.68 2.84 0.00	42.16 3.29 0.00	44.60 2.71 0.00	48.24 1.76 0.00	54.20 2.14 0.00	37.95 1.40 0.00	35.79 1.32 0.00	36.60 1.04 0.00	33.63 0.85 0.00	40.74 0.93 0.00	34.87 1.03 0.00
DUNKIRK___2 23564	24.90 0.04 0.00	24.88 0.10 0.00	24.02 0.07 0.00	23.69 -0.04 0.00	23.91 -0.07 0.00	23.77 0.06 0.00	24.39 0.17 0.00	25.21 0.33 0.00	23.52 0.31 0.00	27.39 0.94 0.00	27.69 1.28 0.00	30.52 1.74 0.00	34.64 1.93 0.00	38.68 2.84 0.00	42.16 3.29 0.00	44.60 2.71 0.00	48.24 1.76 0.00	54.20 2.14 0.00	37.95 1.40 0.00	35.79 1.32 0.00	36.60 1.04 0.00	33.63 0.85 0.00	40.74 0.93 0.00	34.87 1.03 0.00
DUNKIRK___3 23565	24.86 -0.01 0.00	24.81 0.02 0.00	23.94 -0.01 0.00	23.60 -0.13 0.00	23.82 -0.15 0.00	23.66 -0.05 0.00	24.26 0.04 0.00	25.05 0.17 0.00	23.38 0.17 0.00	27.23 0.78 0.00	27.51 1.10 0.00	30.30 1.52 0.00	34.39 1.68 0.00	38.36 2.51 0.00	41.83 2.95 0.00	44.24 2.35 0.00	47.91 1.43 0.00	53.76 1.70 0.00	37.63 1.08 0.00	35.49 1.03 0.00	36.30 0.75 0.00	33.37 0.60 0.00	40.45 0.65 0.00	34.65 0.81 0.00
DUNKIRK___4 23566	24.86 -0.01 0.00	24.81 0.02 0.00	23.94 -0.01 0.00	23.60 -0.13 0.00	23.82 -0.15 0.00	23.66 -0.05 0.00	24.26 0.04 0.00	25.05 0.17 0.00	23.38 0.17 0.00	27.23 0.78 0.00	27.51 1.10 0.00	30.30 1.52 0.00	34.39 1.68 0.00	38.36 2.51 0.00	41.83 2.95 0.00	44.24 2.35 0.00	47.91 1.43 0.00	53.76 1.70 0.00	37.63 1.08 0.00	35.49 1.03 0.00	36.30 0.75 0.00	33.37 0.60 0.00	40.45 0.65 0.00	34.65 0.81 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	26.09 1.23 0.00	25.83 1.04 0.00	24.84 0.89 0.00	24.56 0.83 0.00	24.78 0.81 0.00	24.48 0.77 0.00	25.08 0.86 0.00	25.79 0.91 0.00	24.24 1.03 0.00	27.60 1.15 0.00	27.86 1.27 -0.18	30.67 1.75 -0.14	35.52 2.06 -0.75	39.00 2.47 -0.69	42.55 2.93 -0.75	45.99 3.38 -0.73	50.09 3.62 0.00	56.38 3.96 -0.35	39.14 2.59 0.00	36.83 2.37 0.00	37.91 2.35 0.00	34.77 1.99 0.00	42.10 2.29 0.00	35.79 1.94 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	25.92 1.05 0.00	25.67 0.88 0.00	24.69 0.74 0.00	24.43 0.70 0.00	24.64 0.67 0.00	24.34 0.64 0.00	24.93 0.71 0.00	25.64 0.76 0.00	24.06 0.86 0.00	27.40 0.95 0.00	27.63 1.08 -0.14	30.40 1.51 -0.10	35.10 1.82 -0.57	38.56 2.19 -0.52	42.01 2.56 -0.57	45.46 3.01 -0.56	49.72 3.25 0.00	55.95 3.62 -0.27	38.97 2.42 0.00	36.69 2.23 0.00	37.75 2.19 0.00	34.64 1.86 0.00	41.92 2.12 0.00	35.59 1.75 0.00



E179THST_138_KV_TB4_REV_LBMP_J 345001	26.18 1.32 0.00	25.93 1.14 0.00	24.93 0.99 0.00	24.67 0.94 0.00	24.90 0.93 0.00	24.59 0.88 0.00	25.20 0.98 0.00	25.92 1.04 0.00	24.33 1.12 0.00	27.70 1.25 0.00	27.92 1.32 -0.18	30.67 1.76 -0.14	35.55 2.09 -0.75	39.06 2.53 -0.69	42.62 3.00 -0.75	46.05 3.44 -0.73	50.16 3.69 0.00	56.44 4.02 -0.35	39.15 2.60 0.00	36.88 2.42 0.00	37.93 2.37 0.00	34.81 2.03 0.00	42.10 2.28 0.00	35.85 2.00 0.00
E179THST_13_KV_LOAD 356214	26.33 1.46 0.00	26.06 1.27 0.00	25.06 1.12 0.00	24.79 1.06 0.00	25.02 1.05 0.00	24.71 1.00 0.00	25.33 1.11 0.00	26.07 1.19 0.00	24.46 1.25 0.00	27.84 1.40 0.00	28.08 1.48 -0.18	30.86 1.94 -0.14	35.76 2.30 -0.75	39.30 2.77 -0.69	42.89 3.27 -0.75	46.33 3.71 -0.73	50.47 4.00 0.00	56.80 4.38 -0.35	39.39 2.84 0.00	37.10 2.64 0.00	38.16 2.60 0.00	35.02 2.24 0.00	42.36 2.55 0.00	36.06 2.21 0.00
EAST HAMPTON___GT 23717	27.69 2.83 0.00	28.47 2.56 -1.13	26.18 2.23 0.00	25.82 2.09 0.00	26.02 2.05 0.00	25.56 1.85 0.00	26.24 2.02 0.00	27.03 2.16 0.00	25.62 2.41 0.00	29.19 2.75 0.00	29.01 2.41 -0.18	31.76 2.84 -0.14	36.99 3.53 -0.75	40.36 3.83 -0.69	44.27 4.64 -0.75	47.12 4.50 -0.73	51.77 4.87 -0.42	58.26 5.85 -0.35	40.94 4.39 0.00	38.51 4.04 0.00	38.75 3.19 0.00	48.17 2.42 -12.97	43.29 3.24 -0.24	36.59 2.74 0.00
EAST RIVER___6 23660	26.17 1.31 0.00	25.89 1.11 0.00	24.90 0.96 0.00	24.63 0.90 0.00	24.84 0.87 0.00	24.55 0.84 0.00	25.13 0.91 0.00	25.90 1.02 0.00	24.37 1.16 0.00	27.77 1.32 0.00	28.07 1.47 -0.18	30.90 1.98 -0.14	35.74 2.28 -0.75	39.27 2.74 -0.69	42.83 3.21 -0.75	46.31 3.69 -0.73	50.40 3.93 0.00	56.72 4.30 -0.35	39.30 2.75 0.00	36.99 2.52 0.00	38.10 2.54 0.00	34.94 2.16 0.00	42.25 2.44 0.00	35.93 2.09 0.00
EAST RIVER___7 23524	26.17 1.31 0.00	25.89 1.11 0.00	24.90 0.96 0.00	24.63 0.90 0.00	24.84 0.87 0.00	24.55 0.84 0.00	25.13 0.91 0.00	25.90 1.02 0.00	24.37 1.16 0.00	27.77 1.32 0.00	28.07 1.47 -0.18	30.90 1.98 -0.14	35.74 2.28 -0.75	39.27 2.74 -0.69	42.83 3.21 -0.75	46.31 3.69 -0.73	50.40 3.93 0.00	56.72 4.30 -0.35	39.30 2.75 0.00	36.99 2.52 0.00	38.10 2.54 0.00	34.94 2.16 0.00	42.25 2.44 0.00	35.93 2.09 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	26.04 1.17 0.00	25.78 0.99 0.00	24.79 0.85 0.00	24.52 0.79 0.00	24.74 0.77 0.00	24.44 0.73 0.00	25.03 0.81 0.00	25.74 0.86 0.00	24.18 0.97 0.00	27.53 1.08 0.00	27.78 1.19 -0.18	30.57 1.65 -0.14	35.42 1.97 -0.74	38.90 2.37 -0.69	42.43 2.81 -0.75	45.87 3.25 -0.73	49.96 3.49 0.00	56.23 3.82 -0.35	39.06 3.82 0.00	36.75 2.29 0.00	37.82 2.26 0.00	34.70 1.92 0.00	42.01 2.20 0.00	35.70 1.85 0.00
EAST_HAMPTON___DIESEL 23722	27.69 2.83 0.00	28.47 2.55 -1.13	26.17 2.22 0.00	25.81 2.09 0.00	26.01 2.04 0.00	25.55 1.84 0.00	26.23 2.01 0.00	27.03 2.15 0.00	25.61 2.40 0.00	29.18 2.74 0.00	29.00 2.40 -0.18	31.75 2.84 -0.14	36.97 3.51 -0.75	40.33 3.80 -0.69	44.22 4.60 -0.75	47.05 4.43 -0.73	51.69 4.79 -0.42	58.21 5.79 -0.35	40.91 4.36 0.00	38.49 4.03 0.00	38.70 3.14 0.00	48.11 2.36 -12.97	43.19 3.15 -0.24	36.50 2.65 0.00
EAST_POINT___SOLAR 323840	26.57 1.71 0.00	26.43 1.64 0.00	25.48 1.53 0.00	25.24 1.52 0.00	25.52 1.55 0.00	25.26 1.55 0.00	25.65 1.42 0.00	25.92 1.04 0.00	24.08 0.88 0.00	27.58 1.13 0.00	27.81 1.51 0.11	29.63 0.94 0.08	33.53 1.28 0.46	37.07 1.65 0.42	40.67 2.26 0.46	43.71 2.28 0.45	49.65 3.17 0.00	55.85 4.01 0.22	39.70 3.15 0.00	37.53 3.07 0.00	38.86 3.30 0.00	35.74 2.97 0.00	43.32 3.51 0.00	36.75 2.90 0.00
EAST_PULASKI___ESR 323781	24.51 -0.35 0.00	24.52 -0.27 0.00	23.70 -0.24 0.00	23.51 -0.21 0.00	23.74 -0.23 0.00	23.48 -0.23 0.00	23.92 -0.30 0.00	24.50 -0.37 0.00	22.88 -0.33 0.00	26.27 -0.25 -0.06	27.23 -0.14 -0.96	30.45 -0.05 -1.72	35.47 -0.13 -2.89	39.73 -0.03 -3.92	43.69 0.01 -4.81	47.34 -0.23 -5.69	53.22 -0.25 -7.00	59.95 -0.07 -7.96	40.75 -0.01 -4.21	37.96 0.05 -3.45	39.45 0.06 -3.83	35.85 0.05 -3.03	44.78 -0.12 -5.09	36.88 -0.22 -3.26
EAST_RIVER___1 323558	26.18 1.31 0.00	25.91 1.12 0.00	24.91 0.96 0.00	24.63 0.91 0.00	24.85 0.88 0.00	24.56 0.85 0.00	25.13 0.91 0.00	25.89 1.01 0.00	24.35 1.14 0.00	27.75 1.30 0.00	28.02 1.43 -0.18	30.84 1.93 -0.14	35.69 2.23 -0.75	39.21 2.69 -0.69	42.76 3.14 -0.75	46.23 3.62 -0.73	50.33 3.85 0.00	56.66 4.25 -0.35	39.27 2.72 0.00	36.96 2.49 0.00	38.06 2.51 0.00	34.90 2.13 0.00	42.21 2.41 0.00	35.92 2.07 0.00
EAST_RIVER___2 323559	26.17 1.31 0.00	25.89 1.11 0.00	24.90 0.96 0.00	24.63 0.90 0.00	24.84 0.87 0.00	24.55 0.84 0.00	25.13 0.91 0.00	25.90 1.02 0.00	24.37 1.16 0.00	27.77 1.32 0.00	28.07 1.47 -0.18	30.90 1.98 -0.14	35.74 2.28 -0.75	39.27 2.74 -0.69	42.83 3.21 -0.75	46.31 3.69 -0.73	50.40 3.93 0.00	56.72 4.30 -0.35	39.30 2.75 0.00	36.99 2.52 0.00	38.10 2.54 0.00	34.94 2.16 0.00	42.25 2.44 0.00	35.93 2.09 0.00
EAST___DELAWARE_HYD 23607	25.23 0.37 0.00	24.96 0.17 0.00	24.00 0.05 0.00	23.75 0.02 0.00	23.95 -0.02 0.00	23.66 -0.05 0.00	24.22 -0.01 0.00	24.92 0.04 0.00	23.43 0.22 0.00	26.71 0.26 0.00	26.94 0.42 -0.10	29.62 0.76 -0.08	33.94 0.80 -0.43	36.40 0.17 -0.39	39.59 0.29 -0.43	43.04 0.74 -0.42	47.18 0.71 0.00	53.32 1.06 -0.20	37.26 0.70 0.00	35.08 0.61 0.00	36.19 0.63 0.00	33.95 1.17 0.00	41.05 1.25 0.00	34.81 0.96 0.00
EIGHT_POINT___WT_PWR 323820	24.64 -0.22 0.00	24.51 -0.28 0.00	23.72 -0.22 0.00	23.56 -0.17 0.00	23.95 -0.02 0.00	23.82 0.11 0.00	24.57 0.35 0.00	25.32 0.44 0.00	23.72 0.51 0.00	27.44 0.99 -0.01	27.75 1.21 -0.12	30.61 1.61 -0.22	34.83 1.74 -0.38	38.85 2.49 -0.51	42.43 2.93 -0.63	45.18 2.55 -0.74	49.47 2.09 -0.91	55.55 2.45 -1.04	38.90 1.79 -0.55	36.62 1.70 -0.45	37.61 1.55 -0.50	34.49 1.32 -0.40	41.93 1.46 -0.67	35.63 1.35 -0.42
ELBRIDGE_115KV_TB2 80188	24.80 -0.06 0.00	24.68 -0.11 0.00	23.81 -0.14 0.00	23.56 -0.16 0.00	23.78 -0.19 0.00	23.53 -0.18 0.00	24.00 -0.22 0.00	24.62 -0.26 0.00	23.00 -0.21 0.00	26.36 -0.13 -0.04	27.04 -0.01 -0.64	30.06 0.14 -1.14	34.82 0.18 -1.93	38.86 0.41 -2.61	42.65 0.58 -3.20	46.20 0.53 -3.78	51.47 0.33 -4.66	57.82 0.46 -5.30	39.64 0.29 -2.80	37.00 0.23 -2.30	38.27 0.16 -2.54	34.86 0.06 -2.02	43.20 0.00 -3.39	36.00 -0.02 -2.17
ELEC_TRO_TEK 24086	26.38 1.51 0.00	27.26 1.34 -1.13	25.11 1.17 0.00	24.81 1.08 0.00	25.05 1.08 0.00	24.71 1.00 0.00	25.32 1.10 0.00	26.01 1.13 0.00	24.46 1.25 0.00	27.81 1.36 0.00	27.84 1.24 -0.18	30.70 1.78 -0.14	35.73 2.28 -0.75	39.21 2.68 -0.69	42.84 3.22 -0.75	46.20 3.58 -0.73	50.80 3.91 -0.42	56.72 4.31 -0.35	39.46 2.90 0.00	37.11 2.65 0.00	38.08 2.52 0.00	47.96 2.21 -12.97	42.75 2.70 -0.24	36.18 2.33 0.00



ELLENBURG_WT_PWR 323604	23.85 -1.02 0.00	23.77 -1.02 0.00	23.13 -0.82 0.00	23.27 -0.46 0.00	23.84 -0.14 0.00	23.59 -0.12 0.00	24.30 0.08 0.00	25.18 0.31 0.00	23.39 0.19 0.00	26.64 0.19 0.00	26.47 0.05 0.00	28.56 -0.22 0.00	32.47 -0.24 0.00	35.09 -0.74 0.00	37.94 -0.93 0.00	40.89 -1.00 0.00	45.55 -0.92 0.00	51.41 -0.65 0.00	36.34 -0.22 0.00	34.29 -0.17 0.00	35.52 -0.04 0.00	32.78 0.00 0.00	39.84 0.03 0.00	33.86 0.02 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	24.73 -0.13 0.00	24.70 -0.09 0.00	23.83 -0.12 0.00	23.44 -0.30 0.00	23.67 -0.30 0.00	23.47 -0.24 0.00	24.03 -0.19 0.00	24.75 -0.12 0.00	23.12 -0.09 0.00	26.98 0.54 0.00	27.25 0.84 0.00	29.95 1.17 0.00	34.02 1.31 0.00	37.81 1.97 0.00	41.27 2.40 0.00	43.59 1.71 0.00	47.29 0.82 0.00	52.94 0.88 0.00	37.05 0.49 0.00	34.93 0.47 0.00	35.74 0.18 0.00	32.92 0.14 0.00	39.91 0.10 0.00	34.29 0.44 0.00
EMPIRE_CC_1 323656	25.46 0.60 0.00	25.42 0.63 0.00	24.60 0.65 0.00	24.37 0.64 0.00	24.55 0.58 0.00	24.26 0.55 0.00	24.74 0.52 0.00	25.38 0.50 0.00	23.66 0.46 0.00	26.73 0.28 0.00	26.39 0.28 0.30	29.00 0.45 0.23	31.83 0.39 1.26	34.95 0.26 1.16	37.96 0.36 1.27	41.23 0.58 1.23	47.14 0.66 0.00	51.93 0.47 0.60	37.01 0.45 0.00	34.93 0.47 0.00	36.12 0.56 0.00	33.20 0.42 0.00	40.37 0.56 0.00	34.36 0.51 0.00
EMPIRE_CC_2 323658	25.46 0.60 0.00	25.42 0.63 0.00	24.60 0.65 0.00	24.37 0.64 0.00	24.55 0.58 0.00	24.26 0.55 0.00	24.74 0.52 0.00	25.38 0.50 0.00	23.66 0.46 0.00	26.73 0.28 0.00	26.39 0.28 0.30	29.00 0.45 0.23	31.83 0.39 1.26	34.95 0.26 1.16	37.96 0.36 1.27	41.23 0.58 1.23	47.14 0.66 0.00	51.93 0.47 0.60	37.01 0.45 0.00	34.93 0.47 0.00	36.12 0.56 0.00	33.20 0.42 0.00	40.37 0.56 0.00	34.36 0.51 0.00
ENORWICH_115KV_TB1 80156	25.96 1.09 0.00	25.72 0.94 0.00	24.89 0.94 0.00	24.73 1.00 0.00	25.09 1.12 0.00	24.96 1.25 0.00	25.52 1.30 0.00	26.31 1.43 0.00	24.67 1.46 0.00	28.14 1.68 -0.02	28.42 1.77 -0.23	31.31 2.11 -0.42	35.76 2.34 -0.70	39.94 3.14 -0.96	43.47 3.43 -1.17	47.19 3.92 -1.38	52.31 4.13 -1.71	59.10 5.10 -1.94	41.47 3.89 -1.03	39.02 3.71 -0.84	40.23 3.74 -0.93	36.74 3.22 -0.74	44.73 3.68 -1.24	37.66 3.02 -0.79
ERIE_ST__34_KV_TB1-2 80199	25.08 0.22 0.00	25.00 0.21 0.00	24.08 0.13 0.00	23.69 -0.04 0.00	23.92 -0.05 0.00	23.71 0.00 0.00	24.27 0.05 0.00	25.02 0.14 0.00	23.40 0.20 0.00	27.33 0.88 0.00	27.62 1.21 0.00	30.41 1.63 0.00	34.54 1.83 0.00	38.41 2.57 0.00	41.91 3.03 0.00	44.32 2.43 0.00	48.13 1.66 0.00	53.87 1.80 0.00	37.64 1.09 0.00	35.47 1.01 0.00	36.27 0.71 0.00	33.39 0.61 0.00	40.45 0.64 0.00	34.68 0.83 0.00
ERIE_WT_PWR 323693	24.87 0.01 0.00	24.84 0.05 0.00	23.95 0.01 0.00	23.57 -0.15 0.00	23.80 -0.17 0.00	23.60 -0.11 0.00	24.28 0.06 0.00	24.89 0.01 0.00	23.25 0.05 0.00	27.13 0.68 0.00	27.42 1.01 0.00	30.15 1.37 0.00	34.29 1.58 0.00	38.11 2.27 0.00	41.59 2.72 0.00	43.92 2.03 0.00	47.66 1.19 0.00	53.38 1.32 0.00	37.35 0.80 0.00	35.22 0.75 0.00	36.02 0.46 0.00	33.17 0.39 0.00	40.21 0.40 0.00	34.52 0.68 0.00
ESPRGFLD_115KV_TB1 80157	26.01 1.14 0.00	25.87 1.08 0.00	24.93 0.98 0.00	24.72 0.99 0.00	25.04 1.06 0.00	24.78 1.07 0.00	25.35 1.13 0.00	26.05 1.17 0.00	24.35 1.14 0.00	28.06 1.61 0.00	28.09 1.74 0.07	30.63 1.90 0.05	34.65 2.23 0.29	38.23 2.66 0.26	41.58 2.99 0.29	44.68 3.08 0.28	49.71 3.24 0.00	55.84 3.92 0.14	39.34 2.79 0.00	37.03 2.57 0.00	38.15 2.59 0.00	35.09 2.31 0.00	42.49 2.68 0.00	36.07 2.22 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	25.36 0.50 0.00	25.19 0.40 0.00	24.30 0.36 0.00	24.06 0.33 0.00	24.30 0.33 0.00	24.07 0.36 0.00	24.58 0.36 0.00	25.26 0.38 0.00	23.60 0.39 0.00	26.99 0.52 -0.02	27.34 0.60 -0.33	30.19 0.83 -0.58	34.64 0.96 -0.98	38.48 1.31 -1.33	42.09 1.59 -1.63	45.56 1.75 -1.92	50.50 1.66 -2.37	56.93 2.18 -2.70	39.55 1.57 -1.43	37.09 1.46 -1.17	38.27 1.42 -1.29	34.98 1.17 -1.03	42.84 1.31 -1.72	36.01 1.06 -1.10
ETNA____115KV_TB2 80207	25.36 0.50 0.00	25.19 0.40 0.00	24.30 0.36 0.00	24.06 0.33 0.00	24.30 0.33 0.00	24.07 0.36 0.00	24.58 0.36 0.00	25.26 0.38 0.00	23.60 0.39 0.00	26.99 0.52 -0.02	27.34 0.60 -0.33	30.19 0.83 -0.58	34.64 0.96 -0.98	38.48 1.31 -1.33	42.09 1.59 -1.63	45.56 1.75 -1.92	50.50 1.66 -2.37	56.93 2.18 -2.70	39.55 1.57 -1.43	37.09 1.46 -1.17	38.27 1.42 -1.29	34.98 1.17 -1.03	42.84 1.31 -1.72	36.01 1.06 -1.10
EUCLID____115KV_TB2 356179	24.68 -0.19 0.00	24.56 -0.22 0.00	23.70 -0.25 0.00	23.46 -0.27 0.00	23.68 -0.29 0.00	23.42 -0.28 0.00	23.88 -0.33 0.00	24.49 -0.39 0.00	22.88 -0.32 0.00	26.20 -0.26 -0.02	26.54 -0.15 -0.28	29.26 -0.01 -0.49	33.54 0.00 -0.83	37.16 0.19 -1.13	40.54 0.29 -1.38	43.73 0.21 -1.63	48.51 0.02 -2.01	54.43 0.09 -2.29	37.77 0.01 -1.21	35.43 -0.02 -0.99	36.56 -0.10 -1.10	33.49 -0.15 -0.87	41.02 -0.25 -1.46	34.56 -0.22 -0.93
E_CANADA_CAP_HY 24051	26.34 1.47 0.00	26.23 1.44 0.00	25.29 1.34 0.00	25.06 1.34 0.00	25.38 1.41 0.00	25.11 1.40 0.00	25.64 1.42 0.00	26.23 1.35 0.00	24.42 1.21 0.00	28.12 1.67 0.00	28.12 1.80 0.10	30.45 1.74 0.08	34.35 2.06 0.42	37.85 2.39 0.39	41.21 2.76 0.42	44.22 2.74 0.41	49.56 3.09 0.00	55.68 3.82 0.20	39.39 2.83 0.00	37.14 2.68 0.00	38.33 2.77 0.00	35.30 2.52 0.00	42.84 3.03 0.00	36.39 2.54 0.00
E_CANADA_MHWK_HY 24050	25.17 0.30 0.00	24.91 0.12 0.00	24.04 0.10 0.00	23.84 0.12 0.00	23.99 0.02 0.00	23.72 0.01 0.00	24.12 -0.10 0.00	24.68 -0.20 0.00	23.07 -0.14 0.00	26.11 -0.33 0.00	26.11 -0.31 0.00	28.45 -0.33 0.00	32.28 -0.42 0.00	35.60 -0.24 0.00	39.07 0.20 0.00	42.28 0.40 0.00	47.25 0.78 0.00	52.97 0.91 0.00	37.43 0.87 0.00	35.43 0.97 0.00	36.65 1.09 0.00	33.62 0.84 0.00	40.89 1.08 0.00	34.64 0.79 0.00
E_FISHKILL____LBMP 23776	25.83 0.97 0.00	25.61 0.82 0.00	24.66 0.71 0.00	24.39 0.66 0.00	24.60 0.63 0.00	24.31 0.60 0.00	24.89 0.66 0.00	25.58 0.70 0.00	23.99 0.78 0.00	27.28 0.83 0.00	27.53 0.93 -0.19	30.25 1.32 -0.14	35.05 1.57 -0.77	38.45 1.90 -0.71	41.92 2.28 -0.77	45.31 2.67 -0.75	49.33 2.86 0.00	55.54 3.11 -0.36	38.61 2.06 0.00	36.37 1.91 0.00	37.44 1.88 0.00	34.35 1.58 0.00	41.63 1.82 0.00	35.38 1.53 0.00
FALCON____SEABRD_CC1 323796	24.15 -0.72 0.00	24.03 -0.76 0.00	23.38 -0.57 0.00	23.49 -0.24 0.00	24.09 0.12 0.00	23.85 0.14 0.00	24.57 0.35 0.00	25.50 0.63 0.00	23.70 0.49 0.00	26.93 0.48 0.00	26.80 0.39 0.00	28.95 0.17 0.00	32.89 0.18 0.00	35.54 -0.30 0.00	38.51 -0.37 0.00	41.51 -0.37 0.00	46.17 -0.30 0.00	52.11 0.05 0.00	36.89 0.33 0.00	34.85 0.38 0.00	36.09 0.53 0.00	33.26 0.49 0.00	40.43 0.62 0.00	34.37 0.53 0.00



FALCON___SEABRD_CC2 323797	24.15 -0.72 0.00	24.03 -0.76 0.00	23.38 -0.57 0.00	23.49 -0.24 0.00	24.09 0.12 0.00	23.85 0.14 0.00	24.57 0.35 0.00	25.50 0.63 0.00	23.70 0.49 0.00	26.93 0.48 0.00	26.80 0.39 0.00	28.95 0.17 0.00	32.89 0.18 0.00	35.54 -0.30 0.00	38.51 -0.37 0.00	41.51 -0.37 0.00	46.17 -0.30 0.00	52.11 0.05 0.00	36.89 0.33 0.00	34.85 0.38 0.00	36.09 0.53 0.00	33.26 0.49 0.00	40.43 0.62 0.00	34.37 0.53 0.00
FAR ROCKAWAY___4 23548	26.74 1.88 0.00	27.60 1.68 -1.13	25.41 1.46 0.00	25.10 1.37 0.00	25.34 1.37 0.00	24.99 1.28 0.00	25.61 1.39 0.00	26.31 1.43 0.00	24.76 1.55 0.00	28.18 1.73 0.00	28.24 1.64 -0.18	31.19 2.27 -0.14	36.30 2.84 -0.75	39.80 3.27 -0.69	43.52 3.90 -0.75	46.62 4.01 -0.73	51.20 4.31 -0.42	57.06 4.65 -0.35	39.95 3.40 0.00	37.61 3.15 0.00	38.71 3.15 0.00	48.55 2.79 -12.97	43.47 3.42 -0.24	36.76 2.91 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	26.20 1.33 0.00	25.92 1.13 0.00	24.92 0.97 0.00	24.65 0.92 0.00	24.87 0.89 0.00	24.57 0.86 0.00	25.17 0.96 0.00	25.90 1.02 0.00	24.36 1.15 0.00	27.75 1.30 0.00	28.03 1.44 -0.18	30.86 1.94 -0.14	35.71 2.25 -0.75	39.23 2.70 -0.69	42.78 3.16 -0.75	46.23 3.62 -0.73	50.34 3.86 0.00	56.67 4.25 -0.35	39.29 2.74 0.00	36.97 2.51 0.00	38.07 2.51 0.00	34.92 2.14 0.00	42.24 2.43 0.00	35.93 2.08 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	26.21 1.35 0.00	25.94 1.15 0.00	24.93 0.98 0.00	24.66 0.93 0.00	24.88 0.91 0.00	24.58 0.87 0.00	25.19 0.97 0.00	25.91 1.03 0.00	24.36 1.15 0.00	27.76 1.31 0.00	28.05 1.45 -0.18	30.87 1.95 -0.14	35.72 2.27 -0.75	39.25 2.72 -0.69	42.79 3.17 -0.75	46.27 3.66 -0.73	50.37 3.90 0.00	56.71 4.30 -0.35	39.31 2.76 0.00	36.99 2.53 0.00	38.10 2.54 0.00	34.94 2.16 0.00	42.26 2.46 0.00	35.96 2.11 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	26.17 1.31 0.00	25.90 1.11 0.00	24.90 0.96 0.00	24.63 0.90 0.00	24.84 0.87 0.00	24.55 0.85 0.00	25.16 0.94 0.00	25.88 1.00 0.00	24.33 1.13 0.00	27.72 1.27 0.00	28.01 1.41 -0.18	30.83 1.91 -0.14	35.67 2.22 -0.75	39.19 2.66 -0.69	42.74 3.12 -0.75	46.19 3.58 -0.73	50.27 3.79 0.00	56.57 4.15 -0.35	39.22 2.67 0.00	36.91 2.45 0.00	38.01 2.46 0.00	34.86 2.08 0.00	42.18 2.37 0.00	35.88 2.04 0.00
FARRAGUT___LBMP 323566	26.16 1.30 0.00	25.89 1.10 0.00	24.89 0.94 0.00	24.62 0.89 0.00	24.84 0.87 0.00	24.54 0.83 0.00	25.14 0.92 0.00	25.86 0.99 0.00	24.32 1.11 0.00	27.70 1.25 0.00	28.00 1.40 -0.18	30.81 1.89 -0.14	35.65 2.19 -0.75	39.16 2.63 -0.69	42.71 3.08 -0.75	46.16 3.54 -0.73	50.26 3.78 0.00	56.57 4.15 -0.35	39.22 2.67 0.00	36.91 2.45 0.00	38.01 2.46 0.00	34.86 2.08 0.00	42.18 2.37 0.00	35.88 2.04 0.00
FENNER___WINDPWR 24204	25.24 0.37 0.00	25.16 0.37 0.00	24.34 0.39 0.00	24.11 0.38 0.00	24.32 0.35 0.00	24.10 0.40 0.00	24.64 0.42 0.00	25.30 0.42 0.00	23.64 0.43 0.00	26.99 0.53 -0.02	27.21 0.55 -0.24	29.96 0.74 -0.44	34.31 0.86 -0.74	37.93 1.09 -1.00	41.41 1.31 -1.23	44.68 1.34 -1.46	49.79 1.52 -1.79	56.05 1.95 -2.04	39.00 1.37 -1.08	36.64 1.29 -0.88	37.84 1.30 -0.98	34.66 1.11 -0.78	42.31 1.20 -1.30	35.62 0.94 -0.83
FIBERTEK___ENERGY 23856	24.93 0.07 0.00	24.81 0.02 0.00	23.94 -0.01 0.00	23.69 -0.04 0.00	23.91 -0.06 0.00	23.65 -0.06 0.00	24.12 -0.10 0.00	24.74 -0.14 0.00	23.12 -0.09 0.00	26.50 0.01 -0.04	27.15 0.13 -0.60	30.18 0.32 -1.08	34.90 0.37 -1.82	38.93 0.63 -2.46	42.68 0.78 -3.03	46.22 0.77 -3.58	51.49 0.62 -4.40	57.83 0.77 -5.00	39.67 0.47 -2.65	37.03 0.40 -2.17	38.30 0.34 -2.40	34.92 0.24 -1.90	43.20 0.20 -3.20	36.05 0.15 -2.05
FITZPATRICK____ 23598	24.26 -0.60 0.00	24.17 -0.61 0.00	23.34 -0.61 0.00	23.11 -0.62 0.00	23.32 -0.65 0.00	23.08 -0.63 0.00	23.54 -0.68 0.00	24.11 -0.77 0.00	22.51 -0.69 0.00	25.50 -0.72 0.22	22.42 -0.64 3.36	22.21 -0.59 5.98	21.95 -0.67 10.09	21.56 -0.61 13.67	21.51 -0.57 16.79	21.34 -0.71 19.84	21.12 -0.93 24.42	23.28 -1.01 27.77	21.14 -0.73 14.69	21.71 -0.70 12.05	21.44 -0.78 13.34	21.44 -0.77 10.57	21.09 -0.98 17.74	21.66 -0.83 11.36
FLOWRFLD_69_KV_BK1 356044	26.71 1.85 0.00	27.61 1.69 -1.13	25.42 1.48 0.00	25.10 1.37 0.00	25.34 1.37 0.00	24.96 1.25 0.00	25.60 1.39 0.00	26.26 1.39 0.00	24.76 1.56 0.00	28.14 1.69 0.00	27.95 1.35 -0.18	30.90 1.98 -0.14	36.18 2.72 -0.75	39.64 3.11 -0.69	43.47 3.85 -0.75	46.82 4.20 -0.73	51.58 4.68 -0.43	57.30 4.89 -0.35	39.93 3.38 0.00	37.73 3.27 0.00	38.58 3.02 0.00	48.26 2.51 -12.97	43.14 3.09 -0.24	36.58 2.74 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	26.17 1.30 0.00	25.93 1.14 0.00	24.94 0.99 0.00	24.67 0.94 0.00	24.88 0.91 0.00	24.58 0.87 0.00	25.17 0.95 0.00	25.89 1.01 0.00	24.30 1.09 0.00	27.67 1.22 0.00	27.93 1.37 -0.14	30.72 1.83 -0.11	35.46 2.16 -0.59	38.97 2.58 -0.54	42.49 3.02 -0.59	45.97 3.51 -0.58	50.29 3.81 0.00	56.62 4.27 -0.28	39.43 2.88 0.00	37.12 2.66 0.00	38.19 2.63 0.00	35.02 2.24 0.00	42.38 2.58 0.00	35.99 2.14 0.00
FORT ORANGE____ 23900	25.56 0.70 0.00	25.44 0.66 0.00	24.59 0.64 0.00	24.37 0.64 0.00	24.56 0.59 0.00	24.28 0.57 0.00	24.77 0.55 0.00	25.40 0.52 0.00	23.69 0.48 0.00	26.73 0.28 0.00	26.60 0.33 0.15	29.14 0.48 0.11	32.56 0.45 0.60	35.75 0.47 0.56	38.84 0.58 0.61	42.11 0.82 0.59	47.50 1.02 0.00	52.88 1.11 0.29	37.42 0.87 0.00	35.36 0.89 0.00	36.55 0.99 0.00	33.58 0.80 0.00	40.77 0.96 0.00	34.64 0.79 0.00
FORT_DRUM_COGEN 23780	24.16 -0.70 0.00	24.62 -0.17 0.00	23.93 -0.02 0.00	23.91 0.18 0.00	24.16 0.19 0.00	23.97 0.26 0.00	24.44 0.22 0.00	25.07 0.19 0.00	23.31 0.10 0.00	26.73 0.25 -0.03	27.10 0.20 -0.48	29.75 0.11 -0.86	33.99 -0.17 -1.45	37.56 -0.25 -1.97	40.93 -0.36 -2.41	43.88 -0.86 -2.85	49.63 -0.35 -3.51	56.40 0.35 -3.99	39.13 0.47 -2.11	36.85 0.66 -1.73	38.36 0.88 -1.92	35.14 0.84 -1.52	42.84 0.48 -2.55	35.55 0.07 -1.63
FOX_HILLS___ESR 323835	26.28 1.42 0.00	26.00 1.21 0.00	25.00 1.05 0.00	24.86 1.13 -0.01	25.14 1.16 -0.01	24.74 1.04 0.00	25.33 1.11 0.00	25.99 1.12 0.00	24.39 1.18 0.00	27.79 1.34 0.00	28.05 1.46 -0.18	30.82 1.90 -0.14	35.67 2.21 -0.75	39.07 2.56 -0.67	42.69 3.07 -0.75	46.26 3.64 -0.73	50.34 3.87 0.00	56.70 4.29 -0.35	39.31 2.76 0.00	37.07 2.60 0.00	38.05 2.50 0.00	35.00 2.23 0.00	42.24 2.44 0.00	35.96 2.12 0.00
FPL FAR_ROCK_GT1 24212	26.74 1.88 0.00	27.60 1.68 -1.13	25.41 1.46 0.00	25.10 1.37 0.00	25.34 1.37 0.00	24.99 1.28 0.00	25.58 1.36 0.00	26.31 1.43 0.00	24.76 1.55 0.00	28.18 1.74 0.00	28.24 1.64 -0.18	31.19 2.27 -0.14	36.29 2.84 -0.75	39.80 3.27 -0.69	43.52 3.90 -0.75	46.62 4.01 -0.73	51.20 4.31 -0.42	57.06 4.65 -0.35	39.95 3.40 0.00	37.61 3.15 0.00	38.71 3.15 0.00	48.55 2.79 -12.97	43.47 3.42 -0.24	36.75 2.91 0.00



FPL FAR_ROCK_GT2 23815	26.74 1.88 0.00	27.60 1.68 -1.13	25.41 1.46 0.00	25.10 1.37 0.00	25.34 1.37 0.00	24.99 1.28 0.00	25.58 1.36 0.00	26.31 1.43 0.00	24.76 1.55 0.00	28.18 1.74 0.00	28.24 1.64 -0.18	31.19 2.27 -0.14	36.29 2.84 -0.75	39.80 3.27 -0.69	43.52 3.90 -0.75	46.62 4.01 -0.73	51.20 4.31 -0.42	57.06 4.65 -0.35	39.95 3.40 0.00	37.61 3.15 0.00	38.71 3.15 0.00	48.55 2.79 -12.97	43.47 3.42 -0.24	36.75 2.91 0.00
FRANKLIN_FALL_HYD 24054	24.08 -0.79 0.00	24.11 -0.68 0.00	23.42 -0.53 0.00	23.43 -0.30 0.00	23.92 -0.05 0.00	23.70 -0.01 0.00	24.39 0.17 0.00	25.26 0.38 0.00	23.42 0.21 0.00	26.71 0.26 0.00	26.47 0.05 0.00	28.52 -0.26 0.00	32.43 -0.28 0.00	35.01 -0.83 0.00	37.86 -1.01 0.00	40.74 -1.15 0.00	45.44 -1.03 0.00	51.38 -0.68 0.00	36.29 -0.26 0.00	34.27 -0.19 0.00	35.54 -0.02 0.00	32.85 0.07 0.00	39.84 0.03 0.00	33.87 0.02 0.00
FREEPORT_EQUS_GT1 23764	26.58 1.72 0.00	27.46 1.54 -1.13	25.28 1.34 0.00	24.97 1.24 0.00	25.20 1.23 0.00	24.85 1.14 0.00	25.45 1.23 0.00	26.15 1.28 0.00	24.61 1.40 0.00	28.00 1.55 0.00	27.97 1.38 -0.18	30.87 1.95 -0.14	35.97 2.52 -0.75	39.49 2.96 -0.69	43.09 3.47 -0.75	46.38 3.76 -0.73	51.07 4.18 -0.42	57.00 4.59 -0.35	39.78 3.23 0.00	37.42 2.96 0.00	38.37 2.81 0.00	48.23 2.48 -12.97	43.13 3.08 -0.24	36.50 2.65 0.00
FREEPORT___CT2 23818	26.58 1.72 0.00	27.46 1.54 -1.13	25.28 1.34 0.00	24.97 1.24 0.00	25.20 1.23 0.00	24.85 1.14 0.00	25.45 1.23 0.00	26.15 1.28 0.00	24.61 1.40 0.00	28.00 1.55 0.00	27.97 1.38 -0.18	30.87 1.95 -0.14	35.97 2.52 -0.75	39.49 2.96 -0.69	43.09 3.47 -0.75	46.38 3.76 -0.73	51.07 4.18 -0.42	57.00 4.59 -0.35	39.78 3.23 0.00	37.42 2.96 0.00	38.37 2.81 0.00	48.23 2.48 -12.97	43.13 3.08 -0.24	36.50 2.65 0.00
FRESHKLS_33_KV_LOAD 356253	26.27 1.41 0.00	26.00 1.21 0.00	24.99 1.04 0.00	24.94 1.20 -0.01	25.22 1.24 -0.01	24.79 1.08 0.00	25.36 1.14 0.00	25.99 1.11 0.00	24.36 1.15 0.00	27.76 1.31 0.00	28.01 1.41 -0.18	30.75 1.83 -0.14	35.62 2.17 -0.75	38.96 2.45 -0.67	42.62 2.99 -0.75	46.26 3.64 -0.73	50.34 3.87 0.00	56.72 4.31 -0.35	39.33 2.77 0.00	37.09 2.63 0.00	38.03 2.47 0.00	35.02 2.24 0.00	42.22 2.41 0.00	35.94 2.09 0.00
FULTON COGEN____ 23766	24.61 -0.26 0.00	24.50 -0.29 0.00	23.63 -0.32 0.00	23.39 -0.34 0.00	23.61 -0.36 0.00	23.36 -0.35 0.00	23.81 -0.41 0.00	24.40 -0.48 0.00	22.80 -0.41 0.00	26.12 -0.40 -0.07	27.23 -0.28 -1.09	30.58 -0.15 -1.95	35.84 -0.15 -3.29	40.31 0.02 -4.46	44.46 0.12 -5.47	48.40 0.05 -6.46	54.30 -0.13 -7.96	60.99 -0.12 -9.05	41.24 -0.10 -4.79	38.28 -0.11 -3.93	39.73 -0.18 -4.35	35.98 -0.24 -3.45	45.22 -0.37 -5.78	37.20 -0.35 -3.70
FULTON___LFGE 323630	27.57 2.71 0.00	27.39 2.60 0.00	26.38 2.43 0.00	26.11 2.39 0.00	26.39 2.42 0.00	26.11 2.40 0.00	26.32 2.10 0.00	26.65 1.77 0.00	24.14 0.93 0.00	28.57 2.12 0.00	27.41 1.11 0.11	29.21 0.52 0.09	32.94 0.70 0.47	36.50 1.08 0.43	41.48 3.08 0.47	44.19 2.77 0.46	51.86 5.38 0.00	57.72 5.88 0.22	42.44 5.89 0.00	39.70 5.23 0.00	41.04 5.48 0.00	37.65 4.87 0.00	45.54 5.74 0.00	38.51 4.66 0.00
G.F.CEMENT___DRP 24184	26.28 1.41 0.00	26.12 1.34 0.00	25.24 1.29 0.00	25.00 1.27 0.00	25.14 1.17 0.00	24.83 1.12 0.00	25.42 1.20 0.00	26.12 1.24 0.00	24.37 1.16 0.00	27.55 1.10 0.00	27.17 0.93 0.17	29.77 1.13 0.13	33.05 1.06 0.73	36.56 1.39 0.67	39.86 1.71 0.73	43.23 2.05 0.71	49.16 2.68 0.00	54.77 3.06 0.34	39.22 2.67 0.00	37.12 2.66 0.00	38.32 2.76 0.00	34.99 2.21 0.00	42.73 2.92 0.00	36.33 2.48 0.00
GARDENVILLE___LBMP 24039	24.80 -0.07 0.00	24.76 -0.03 0.00	23.88 -0.07 0.00	23.50 -0.23 0.00	23.73 -0.24 0.00	23.53 -0.18 0.00	24.10 -0.12 0.00	24.82 -0.05 0.00	23.19 -0.02 0.00	27.06 0.62 0.00	27.34 0.92 0.00	30.06 1.28 0.00	34.14 1.43 0.00	37.95 2.11 0.00	41.41 2.54 0.00	43.77 1.88 0.00	47.48 1.00 0.00	53.17 1.11 0.00	37.21 0.65 0.00	35.09 0.62 0.00	35.90 0.34 0.00	33.06 0.28 0.00	40.07 0.27 0.00	34.41 0.56 0.00
GARDNVLA_35_KV_LD 355827	24.93 0.07 0.00	24.88 0.10 0.00	24.00 0.05 0.00	23.61 -0.12 0.00	23.84 -0.13 0.00	23.64 -0.06 0.00	24.20 -0.02 0.00	24.93 0.05 0.00	23.30 0.09 0.00	27.21 0.76 0.00	27.51 1.09 0.00	30.25 1.48 0.00	34.38 1.67 0.00	38.22 2.38 0.00	41.71 2.84 0.00	44.07 2.18 0.00	47.82 1.35 0.00	53.54 1.47 0.00	37.44 0.89 0.00	35.30 0.83 0.00	36.11 0.55 0.00	33.24 0.46 0.00	40.28 0.47 0.00	34.58 0.73 0.00
GELCKHM___115KV_LOAD 80723	24.77 -0.10 0.00	24.65 -0.14 0.00	23.78 -0.17 0.00	23.54 -0.19 0.00	23.76 -0.21 0.00	23.50 -0.20 0.00	23.97 -0.25 0.00	24.58 -0.30 0.00	22.97 -0.24 0.00	26.31 -0.17 -0.03	26.77 -0.05 -0.39	29.59 0.11 -0.70	34.03 0.14 -1.18	37.79 0.35 -1.60	41.31 0.47 -1.97	44.63 0.42 -2.32	49.59 0.25 -2.86	55.66 0.35 -3.25	38.45 0.17 -1.72	36.00 0.13 -1.41	37.19 0.07 -1.56	34.00 -0.02 -1.24	41.80 -0.09 -2.08	35.09 -0.09 -1.33
GENERAL___MILLS 23808	24.87 0.00 0.00	24.83 0.04 0.00	23.95 0.00 0.00	23.56 -0.17 0.00	23.79 -0.18 0.00	23.59 -0.12 0.00	24.15 -0.07 0.00	24.88 0.00 0.00	23.24 0.04 0.00	27.13 0.68 0.00	27.42 1.01 0.00	30.15 1.37 0.00	34.25 1.54 0.00	38.09 2.25 0.00	41.55 2.68 0.00	43.91 2.02 0.00	47.65 1.18 0.00	53.34 1.28 0.00	37.32 0.76 0.00	35.19 0.73 0.00	36.01 0.45 0.00	33.15 0.37 0.00	40.17 0.37 0.00	34.49 0.65 0.00
GE_PLASTICS___DRP 24183	25.40 0.54 0.00	25.29 0.50 0.00	24.43 0.49 0.00	24.22 0.49 0.00	24.42 0.45 0.00	24.14 0.43 0.00	24.64 0.42 0.00	25.27 0.39 0.00	23.59 0.38 0.00	26.68 0.23 0.00	26.58 0.28 0.11	29.13 0.44 0.09	32.67 0.43 0.48	35.88 0.48 0.44	39.01 0.62 0.48	42.23 0.81 0.47	47.41 0.94 0.00	52.80 0.96 0.23	37.28 0.73 0.00	35.20 0.73 0.00	36.35 0.79 0.00	33.41 0.63 0.00	40.57 0.76 0.00	34.47 0.63 0.00
GILBOA___1 23756	25.37 0.51 0.00	25.22 0.43 0.00	24.35 0.40 0.00	24.20 0.47 0.00	24.41 0.44 0.00	24.13 0.42 0.00	24.56 0.34 0.00	25.23 0.35 0.00	23.59 0.38 0.00	26.83 0.38 0.00	26.85 0.43 0.00	29.44 0.66 0.00	33.45 0.74 0.00	36.70 0.86 0.00	39.95 1.08 0.00	43.17 1.28 0.00	47.72 1.25 0.00	53.44 1.38 0.00	37.49 0.94 0.00	35.41 0.95 0.00	36.57 1.01 0.00	33.60 0.82 0.00	40.75 0.95 0.00	34.65 0.80 0.00
GILBOA___2 23757	25.37 0.51 0.00	25.22 0.43 0.00	24.35 0.40 0.00	24.20 0.47 0.00	24.41 0.44 0.00	24.13 0.42 0.00	24.56 0.34 0.00	25.23 0.35 0.00	23.59 0.38 0.00	26.83 0.38 0.00	26.85 0.43 0.00	29.44 0.66 0.00	33.45 0.74 0.00	36.70 0.86 0.00	39.95 1.08 0.00	43.17 1.28 0.00	47.72 1.25 0.00	53.44 1.38 0.00	37.49 0.94 0.00	35.41 0.95 0.00	36.57 1.01 0.00	33.60 0.82 0.00	40.75 0.95 0.00	34.65 0.80 0.00



GILBOA___3 23758	25.37 0.51 0.00	25.22 0.43 0.00	24.35 0.40 0.00	24.20 0.47 0.00	24.41 0.44 0.00	24.13 0.42 0.00	24.56 0.34 0.00	25.23 0.35 0.00	23.59 0.38 0.00	26.83 0.38 0.00	26.85 0.43 0.00	29.44 0.66 0.00	33.45 0.74 0.00	36.70 0.86 0.00	39.95 1.08 0.00	43.17 1.28 0.00	47.72 1.25 0.00	53.44 1.38 0.00	37.49 0.94 0.00	35.41 0.95 0.00	36.57 1.01 0.00	33.60 0.82 0.00	40.75 0.95 0.00	34.65 0.80 0.00
GILBOA___4 23759	25.37 0.51 0.00	25.22 0.43 0.00	24.35 0.40 0.00	24.20 0.47 0.00	24.41 0.44 0.00	24.13 0.42 0.00	24.56 0.34 0.00	25.23 0.35 0.00	23.59 0.38 0.00	26.83 0.38 0.00	26.85 0.43 0.00	29.44 0.66 0.00	33.45 0.74 0.00	36.70 0.86 0.00	39.95 1.08 0.00	43.17 1.28 0.00	47.72 1.25 0.00	53.44 1.38 0.00	37.49 0.94 0.00	35.41 0.95 0.00	36.57 1.01 0.00	33.60 0.82 0.00	40.75 0.95 0.00	34.65 0.80 0.00
GILBOA___ 23599	25.37 0.51 0.00	25.22 0.43 0.00	24.35 0.40 0.00	24.20 0.47 0.00	24.41 0.44 0.00	24.13 0.42 0.00	24.57 0.36 0.00	25.23 0.35 0.00	23.59 0.38 0.00	26.82 0.38 0.00	26.85 0.43 0.00	29.44 0.66 0.00	33.45 0.74 0.00	36.70 0.86 0.00	39.95 1.08 0.00	43.17 1.28 0.00	47.72 1.25 0.00	53.45 1.38 0.00	37.49 0.94 0.00	35.41 0.95 0.00	36.57 1.01 0.00	33.60 0.82 0.00	40.76 0.95 0.00	34.65 0.80 0.00
GINNA___ 23603	24.12 -0.74 0.00	24.02 -0.77 0.00	23.13 -0.82 0.00	22.80 -0.92 0.00	23.00 -0.97 0.00	22.76 -0.94 0.00	23.30 -0.92 0.00	23.88 -1.00 0.00	22.34 -0.87 0.00	25.87 -0.58 0.00	26.10 -0.32 0.00	28.65 -0.13 0.00	32.64 -0.07 0.00	36.08 0.24 0.00	39.34 0.47 0.00	41.87 -0.01 0.00	45.89 -0.58 0.00	51.42 -0.64 0.00	36.00 -0.55 0.00	33.85 -0.61 0.00	34.75 -0.81 0.00	31.96 -0.82 0.00	38.69 -1.12 0.00	32.99 -0.86 0.00
GLEN PARK___ 23778	24.30 -0.57 0.00	24.71 -0.08 0.00	24.01 0.06 0.00	23.98 0.25 0.00	24.22 0.25 0.00	24.03 0.32 0.00	24.49 0.27 0.00	25.09 0.21 0.00	23.33 0.12 0.00	26.80 0.31 -0.03	27.21 0.28 -0.51	29.86 0.18 -0.91	34.12 -0.11 -1.52	37.75 -0.16 -2.07	41.17 -0.24 -2.54	44.13 -0.76 -3.00	49.94 -0.23 -3.69	56.75 0.49 -4.20	39.40 0.63 -2.22	37.11 0.83 -1.82	38.64 1.06 -2.02	35.42 1.04 -1.60	43.22 0.73 -2.69	35.83 0.27 -1.72
GLENDALE_27_KV_LOAD 356172	26.34 1.48 0.00	26.06 1.27 0.00	25.05 1.10 0.00	24.79 1.06 0.00	25.02 1.05 0.00	24.72 1.01 0.00	25.33 1.11 0.00	26.07 1.19 0.00	24.48 1.27 0.00	27.90 1.46 0.00	28.19 1.59 -0.18	30.99 2.08 -0.14	35.88 2.42 -0.75	39.41 2.88 -0.69	43.00 3.38 -0.75	46.47 3.85 -0.73	50.57 4.10 0.00	56.94 4.53 -0.35	39.46 2.91 0.00	37.17 2.71 0.00	38.25 2.69 0.00	35.10 2.32 0.00	42.45 2.64 0.00	36.12 2.27 0.00
GLENWOOD_IC_1_G5 23712	26.54 1.67 0.00	27.42 1.50 -1.13	25.25 1.31 0.00	24.94 1.22 0.00	25.18 1.21 0.00	24.83 1.12 0.00	25.45 1.23 0.00	26.15 1.27 0.00	24.61 1.40 0.00	27.99 1.54 0.00	28.03 1.43 -0.18	30.84 1.92 -0.14	35.90 2.45 -0.75	39.31 2.78 -0.69	42.98 3.36 -0.75	46.36 3.74 -0.73	50.98 4.08 -0.42	56.91 4.49 -0.35	39.57 3.01 0.00	37.18 2.71 0.00	38.18 2.61 0.00	48.26 2.51 -12.97	43.11 3.06 -0.24	36.46 2.61 0.00
GLENWOOD_IC_2_G1 23688	26.47 1.61 0.00	27.35 1.44 -1.13	25.19 1.24 0.00	24.89 1.16 0.00	25.12 1.15 0.00	24.78 1.07 0.00	25.37 1.15 0.00	26.09 1.21 0.00	24.54 1.34 0.00	27.92 1.47 0.00	27.96 1.37 -0.18	30.83 1.91 -0.14	35.88 2.42 -0.75	39.37 2.85 -0.69	43.05 3.43 -0.75	46.41 3.80 -0.73	51.04 4.14 -0.42	56.98 4.56 -0.35	39.63 3.07 0.00	37.25 2.79 0.00	38.25 2.70 0.00	48.15 2.40 -12.97	42.96 2.91 -0.24	36.34 2.49 0.00
GLENWOOD_IC_3_G1 23689	26.47 1.61 0.00	27.35 1.44 -1.13	25.19 1.24 0.00	24.89 1.16 0.00	25.12 1.15 0.00	24.78 1.07 0.00	25.37 1.15 0.00	26.09 1.21 0.00	24.54 1.34 0.00	27.92 1.47 0.00	27.96 1.37 -0.18	30.83 1.91 -0.14	35.88 2.42 -0.75	39.37 2.85 -0.69	43.05 3.43 -0.75	46.41 3.80 -0.73	51.04 4.14 -0.42	56.98 4.56 -0.35	39.63 3.07 0.00	37.25 2.79 0.00	38.25 2.70 0.00	48.15 2.40 -12.97	42.96 2.91 -0.24	36.34 2.49 0.00
GLENWOOD___4 23550	26.54 1.67 0.00	27.42 1.50 -1.13	25.25 1.31 0.00	24.94 1.22 0.00	25.18 1.21 0.00	24.83 1.12 0.00	25.45 1.23 0.00	26.15 1.27 0.00	24.61 1.40 0.00	27.99 1.54 0.00	28.03 1.43 -0.18	30.87 1.96 -0.14	35.95 2.49 -0.75	39.41 2.88 -0.69	43.09 3.47 -0.75	46.48 3.86 -0.73	51.10 4.21 -0.42	57.05 4.64 -0.35	39.67 3.12 0.00	37.27 2.81 0.00	38.26 2.70 0.00	48.26 2.51 -12.97	43.11 3.06 -0.24	36.46 2.61 0.00
GLENWOOD___5 23614	26.54 1.67 0.00	27.42 1.50 -1.13	25.25 1.31 0.00	24.94 1.22 0.00	25.18 1.21 0.00	24.83 1.12 0.00	25.45 1.23 0.00	26.15 1.27 0.00	24.61 1.40 0.00	27.99 1.54 0.00	28.03 1.43 -0.18	30.87 1.96 -0.14	35.95 2.49 -0.75	39.41 2.88 -0.69	43.09 3.47 -0.75	46.48 3.86 -0.73	51.10 4.21 -0.42	57.05 4.64 -0.35	39.67 3.12 0.00	37.27 2.81 0.00	38.26 2.70 0.00	48.26 2.51 -12.97	43.11 3.06 -0.24	36.46 2.61 0.00
GLOBAL GREEN_PORT_GT1 23814	27.64 2.78 0.00	28.43 2.51 -1.13	26.14 2.20 0.00	25.79 2.06 0.00	26.00 2.02 0.00	25.55 1.84 0.00	26.23 2.01 0.00	27.01 2.14 0.00	25.59 2.38 0.00	29.18 2.73 0.00	28.97 2.37 -0.18	31.42 2.51 -0.14	36.66 3.20 -0.75	40.05 3.52 -0.69	43.98 4.36 -0.75	46.97 4.35 -0.73	51.67 4.77 -0.42	58.03 5.62 -0.35	40.69 4.13 0.00	38.26 3.80 0.00	38.64 3.08 0.00	48.13 2.37 -12.97	43.61 3.56 -0.24	36.96 3.12 0.00
GLOBE___DSASP 323697	24.10 -0.76 0.00	24.10 -0.68 0.00	23.27 -0.68 0.00	22.86 -0.87 0.00	23.08 -0.89 0.00	22.86 -0.85 0.00	23.40 -0.82 0.00	24.04 -0.84 0.00	22.45 -0.76 0.00	26.21 -0.23 0.00	26.47 0.05 0.00	29.02 0.24 0.00	32.87 0.16 0.00	36.40 0.56 0.00	39.75 0.88 0.00	41.91 0.02 0.00	45.43 -1.05 0.00	50.81 -1.25 0.00	35.60 -0.95 0.00	33.61 -0.85 0.00	34.41 -1.15 0.00	31.74 -1.04 0.00	38.49 -1.32 0.00	33.33 -0.52 0.00
GOETHSLN___LBMP 323567	26.09 1.23 0.00	25.80 1.01 0.00	24.81 0.87 0.00	24.54 0.81 0.00	24.74 0.77 0.00	24.46 0.75 0.00	25.07 0.85 0.00	25.77 0.89 0.00	24.24 1.03 0.00	27.61 1.16 0.00	27.91 1.31 -0.18	30.73 1.81 -0.14	35.55 2.09 -0.75	39.04 2.51 -0.69	42.55 2.93 -0.75	45.97 3.35 -0.73	50.04 3.57 0.00	56.30 3.89 -0.35	39.03 2.48 0.00	36.76 2.30 0.00	37.87 2.32 0.00	34.72 1.94 0.00	41.98 2.17 0.00	35.72 1.87 0.00
GOLAH___69_KV_TB 1_2 80279	25.46 0.59 0.00	25.29 0.50 0.00	24.36 0.41 0.00	23.97 0.24 0.00	24.15 0.18 0.00	23.91 0.20 0.00	24.47 0.25 0.00	25.11 0.23 0.00	23.45 0.24 0.00	27.20 0.75 0.00	27.43 1.02 0.00	30.15 1.37 0.00	34.35 1.64 0.00	38.10 2.26 0.00	41.52 2.64 0.00	44.11 2.23 0.00	48.17 1.70 0.00	54.01 1.94 0.00	37.82 1.27 0.00	35.64 1.17 0.00	36.52 0.97 0.00	33.59 0.82 0.00	40.66 0.85 0.00	34.75 0.90 0.00



GOODYEAR_LAKE_HYD 323669	25.69 0.83 0.00	25.53 0.75 0.00	24.62 0.67 0.00	24.40 0.67 0.00	24.68 0.71 0.00	24.44 0.73 0.00	24.96 0.74 0.00	25.69 0.81 0.00	24.07 0.86 0.00	27.58 1.13 0.00	27.67 1.25 0.00	30.30 1.52 0.00	34.48 1.77 0.00	37.98 2.14 0.00	41.34 2.47 0.00	44.55 2.67 0.00	49.19 2.71 0.00	55.26 3.20 0.00	38.79 2.23 0.00	36.52 2.06 0.00	37.62 2.06 0.00	34.55 1.77 0.00	41.85 2.04 0.00	35.52 1.67 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	25.07 0.21 0.00	24.89 0.10 0.00	24.01 0.07 0.00	23.79 0.06 0.00	24.01 0.04 0.00	23.80 0.09 0.00	24.31 0.09 0.00	25.02 0.14 0.00	23.39 0.18 0.00	26.80 0.34 -0.02	27.11 0.47 -0.22	29.90 0.72 -0.40	34.15 0.77 -0.67	38.01 1.26 -0.91	41.52 1.53 -1.12	44.70 1.49 -1.32	49.31 1.21 -1.63	55.40 1.49 -1.85	38.52 0.99 -0.98	36.18 0.91 -0.80	37.27 0.83 -0.89	34.12 0.64 -0.70	41.71 0.72 -1.18	35.21 0.61 -0.76
GOUDEY___7 23579	25.10 0.23 0.00	24.92 0.13 0.00	24.03 0.09 0.00	23.81 0.08 0.00	24.03 0.06 0.00	23.81 0.10 0.00	24.33 0.11 0.00	25.05 0.17 0.00	23.41 0.20 0.00	26.83 0.37 -0.02	27.14 0.50 -0.22	29.94 0.76 -0.40	34.19 0.80 -0.67	38.07 1.31 -0.91	41.56 1.57 -1.12	44.77 1.57 -1.32	49.37 1.27 -1.63	55.45 1.54 -1.85	38.57 1.04 -0.98	36.22 0.95 -0.80	37.31 0.86 -0.89	34.16 0.68 -0.70	41.76 0.77 -1.18	35.24 0.64 -0.76
GOUDEY___8 23580	25.07 0.21 0.00	24.89 0.10 0.00	24.01 0.07 0.00	23.79 0.06 0.00	24.01 0.04 0.00	23.80 0.09 0.00	24.31 0.09 0.00	25.02 0.14 0.00	23.39 0.18 0.00	26.80 0.34 -0.02	27.11 0.47 -0.22	29.90 0.72 -0.40	34.15 0.77 -0.67	38.01 1.26 -0.91	41.52 1.53 -1.12	44.70 1.49 -1.32	49.31 1.21 -1.63	55.40 1.49 -1.85	38.52 0.99 -0.98	36.18 0.91 -0.80	37.27 0.83 -0.89	34.12 0.64 -0.70	41.71 0.72 -1.18	35.21 0.61 -0.76
GOWANUS_GT1_1 24077	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.34 1.11 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.33 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.16 2.60 0.00	35.06 2.28 0.00	42.36 2.55 0.00	36.06 2.21 0.00
GOWANUS_GT1_2 24078	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.34 1.11 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.33 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.16 2.60 0.00	35.06 2.28 0.00	42.36 2.55 0.00	36.06 2.21 0.00
GOWANUS_GT1_3 24079	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.34 1.11 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.33 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.16 2.60 0.00	35.06 2.28 0.00	42.36 2.55 0.00	36.06 2.21 0.00
GOWANUS_GT1_4 24080	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.34 1.11 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.33 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.16 2.60 0.00	35.06 2.28 0.00	42.36 2.55 0.00	36.06 2.21 0.00
GOWANUS_GT1_5 24084	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.34 1.11 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.33 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.16 2.60 0.00	35.06 2.28 0.00	42.36 2.55 0.00	36.06 2.21 0.00
GOWANUS_GT1_6 24111	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.34 1.11 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.33 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.16 2.60 0.00	35.06 2.28 0.00	42.36 2.55 0.00	36.06 2.21 0.00
GOWANUS_GT1_7 24112	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.34 1.11 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.33 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.16 2.60 0.00	35.06 2.28 0.00	42.36 2.55 0.00	36.06 2.21 0.00
GOWANUS_GT1_8 24113	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.34 1.11 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.33 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.16 2.60 0.00	35.06 2.28 0.00	42.36 2.55 0.00	36.06 2.21 0.00
GOWANUS_GT2_1 24114	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.31 1.09 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.32 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.17 2.61 0.00	35.06 2.28 0.00	42.35 2.55 0.00	36.06 2.21 0.00
GOWANUS_GT2_2 24115	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.31 1.09 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.32 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.17 2.61 0.00	35.06 2.28 0.00	42.35 2.55 0.00	36.06 2.21 0.00
GOWANUS_GT2_3 24116	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.31 1.09 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.32 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.17 2.61 0.00	35.06 2.28 0.00	42.35 2.55 0.00	36.06 2.21 0.00



GOWANUS_GT2_4 24117	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.31 1.09 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.32 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.17 2.61 0.00	35.06 2.28 0.00	42.35 2.55 0.00	36.06 2.21 0.00
GOWANUS_GT2_5 24118	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.31 1.09 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.32 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.17 2.61 0.00	35.06 2.28 0.00	42.35 2.55 0.00	36.06 2.21 0.00
GOWANUS_GT2_6 24119	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.31 1.09 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.32 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.17 2.61 0.00	35.06 2.28 0.00	42.35 2.55 0.00	36.06 2.21 0.00
GOWANUS_GT2_7 24120	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.31 1.09 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.32 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.17 2.61 0.00	35.06 2.28 0.00	42.35 2.55 0.00	36.06 2.21 0.00
GOWANUS_GT2_8 24121	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.31 1.09 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.32 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.17 2.61 0.00	35.06 2.28 0.00	42.35 2.55 0.00	36.06 2.21 0.00
GOWANUS_GT3_1 24122	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.31 1.09 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.32 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.17 2.61 0.00	35.06 2.28 0.00	42.35 2.55 0.00	36.06 2.21 0.00
GOWANUS_GT3_2 24123	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.31 1.09 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.32 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.17 2.61 0.00	35.06 2.28 0.00	42.35 2.55 0.00	36.06 2.21 0.00
GOWANUS_GT3_3 24124	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.31 1.09 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.32 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.17 2.61 0.00	35.06 2.28 0.00	42.35 2.55 0.00	36.06 2.21 0.00
GOWANUS_GT3_4 24125	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.31 1.09 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.32 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.17 2.61 0.00	35.06 2.28 0.00	42.35 2.55 0.00	36.06 2.21 0.00
GOWANUS_GT3_5 24126	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.31 1.09 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.32 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.17 2.61 0.00	35.06 2.28 0.00	42.35 2.55 0.00	36.06 2.21 0.00
GOWANUS_GT3_6 24127	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.31 1.09 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.32 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.17 2.61 0.00	35.06 2.28 0.00	42.35 2.55 0.00	36.06 2.21 0.00
GOWANUS_GT3_7 24128	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.31 1.09 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.32 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.17 2.61 0.00	35.06 2.28 0.00	42.35 2.55 0.00	36.06 2.21 0.00
GOWANUS_GT3_8 24129	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.31 1.09 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.32 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.17 2.61 0.00	35.06 2.28 0.00	42.35 2.55 0.00	36.06 2.21 0.00
GOWANUS_GT4_1 24130	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.34 1.11 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.33 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.16 2.60 0.00	35.06 2.28 0.00	42.36 2.55 0.00	36.06 2.21 0.00
GOWANUS_GT4_2 24131	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.34 1.11 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.33 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.16 2.60 0.00	35.06 2.28 0.00	42.36 2.55 0.00	36.06 2.21 0.00



GOWANUS_GT4_3 24132	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.34 1.11 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.33 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.16 2.60 0.00	35.06 2.28 0.00	42.36 2.55 0.00	36.06 2.21 0.00
GOWANUS_GT4_4 24133	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.34 1.11 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.33 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.16 2.60 0.00	35.06 2.28 0.00	42.36 2.55 0.00	36.06 2.21 0.00
GOWANUS_GT4_5 24134	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.34 1.11 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.33 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.16 2.60 0.00	35.06 2.28 0.00	42.36 2.55 0.00	36.06 2.21 0.00
GOWANUS_GT4_6 24135	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.34 1.11 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.33 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.16 2.60 0.00	35.06 2.28 0.00	42.36 2.55 0.00	36.06 2.21 0.00
GOWANUS_GT4_7 24136	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.34 1.11 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.33 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.16 2.60 0.00	35.06 2.28 0.00	42.36 2.55 0.00	36.06 2.21 0.00
GOWANUS_GT4_8 24137	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.34 1.11 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.33 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.16 2.60 0.00	35.06 2.28 0.00	42.36 2.55 0.00	36.06 2.21 0.00
GREENBSH_115KV_TB3 55895	25.39 0.53 0.00	25.29 0.50 0.00	24.44 0.49 0.00	24.22 0.49 0.00	24.42 0.45 0.00	24.13 0.42 0.00	24.64 0.42 0.00	25.27 0.39 0.00	23.58 0.37 0.00	26.57 0.12 0.00	26.45 0.20 0.16	28.97 0.31 0.12	32.35 0.29 0.65	35.53 0.28 0.59	38.66 0.43 0.65	41.89 0.64 0.63	47.25 0.78 0.00	52.49 0.73 0.31	37.13 0.58 0.00	35.05 0.59 0.00	36.22 0.66 0.00	33.27 0.49 0.00	40.41 0.60 0.00	34.35 0.50 0.00
GREENIDGE_115KV_TB5 80291	25.29 0.42 0.00	25.13 0.34 0.00	24.22 0.28 0.00	23.93 0.21 0.00	24.18 0.21 0.00	23.97 0.27 0.00	24.54 0.31 0.00	25.27 0.38 0.00	23.59 0.38 0.00	27.21 0.75 -0.01	27.44 0.84 -0.18	30.19 1.09 -0.32	34.52 1.26 -0.55	38.41 1.82 -0.75	42.12 2.33 -0.92	45.09 2.12 -1.09	49.57 1.76 -1.34	55.77 2.19 -1.52	38.96 1.61 -0.80	36.56 1.44 -0.66	37.60 1.31 -0.73	34.44 1.08 -0.58	41.91 1.13 -0.97	35.45 0.98 -0.62
GREENIDGE___3 23582	25.29 0.42 0.00	25.13 0.34 0.00	24.22 0.28 0.00	23.93 0.21 0.00	24.18 0.21 0.00	23.97 0.27 0.00	24.54 0.31 0.00	25.27 0.38 0.00	23.59 0.38 0.00	27.21 0.75 -0.01	27.44 0.84 -0.18	30.19 1.09 -0.32	34.52 1.26 -0.55	38.41 1.82 -0.75	42.12 2.33 -0.92	45.09 2.12 -1.09	49.57 1.76 -1.34	55.77 2.19 -1.52	38.96 1.61 -0.80	36.56 1.44 -0.66	37.60 1.31 -0.73	34.44 1.08 -0.58	41.91 1.13 -0.97	35.45 0.98 -0.62
GREENIDGE___4 23583	25.29 0.42 0.00	25.13 0.34 0.00	24.22 0.28 0.00	23.93 0.21 0.00	24.18 0.21 0.00	23.97 0.27 0.00	24.59 0.37 0.00	25.27 0.38 0.00	23.59 0.38 0.00	27.20 0.74 -0.01	27.44 0.84 -0.18	30.20 1.09 -0.32	34.53 1.27 -0.55	38.42 1.83 -0.75	42.12 2.33 -0.92	45.09 2.12 -1.09	49.57 1.76 -1.34	55.77 2.19 -1.52	38.97 1.61 -0.80	36.56 1.44 -0.66	37.59 1.30 -0.73	34.43 1.08 -0.58	41.91 1.13 -0.97	35.44 0.98 -0.62
GREENLWN_69_KV_BK 3 55738	26.38 1.52 0.00	27.32 1.40 -1.13	25.16 1.22 0.00	24.85 1.12 0.00	25.11 1.13 0.00	24.74 1.03 0.00	25.36 1.14 0.00	26.02 1.14 0.00	24.49 1.29 0.00	27.80 1.35 0.00	27.68 1.09 -0.18	30.57 1.66 -0.14	35.68 2.22 -0.75	39.16 2.63 -0.69	42.86 3.23 -0.75	46.21 3.59 -0.73	50.88 3.99 -0.42	56.74 4.33 -0.35	39.47 2.92 0.00	37.12 2.66 0.00	38.04 2.48 0.00	47.86 2.11 -12.97	42.64 2.59 -0.24	36.12 2.27 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.34 1.11 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.33 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.16 2.60 0.00	35.06 2.28 0.00	42.36 2.55 0.00	36.06 2.21 0.00
GRISSOM___SOLAR 323813	27.57 2.71 0.00	27.39 2.60 0.00	26.38 2.43 0.00	26.11 2.39 0.00	26.39 2.42 0.00	26.11 2.40 0.00	26.32 2.10 0.00	26.65 1.77 0.00	24.14 0.93 0.00	28.57 2.12 0.00	27.41 1.11 0.11	29.21 0.52 0.09	32.94 0.70 0.47	36.50 1.08 0.43	41.48 3.08 0.47	44.19 2.77 0.46	51.86 5.38 0.00	57.72 5.88 0.22	42.44 5.89 0.00	39.70 5.23 0.00	41.04 5.48 0.00	37.65 4.87 0.00	45.54 5.74 0.00	38.51 4.66 0.00
GROVEVILLE___HYD 323602	26.17 1.30 0.00	25.93 1.14 0.00	24.94 0.99 0.00	24.67 0.94 0.00	24.88 0.91 0.00	24.58 0.87 0.00	25.17 0.95 0.00	25.89 1.01 0.00	24.30 1.09 0.00	27.67 1.22 0.00	27.93 1.37 -0.14	30.72 1.83 -0.11	35.46 2.16 -0.59	38.97 2.58 -0.54	42.49 3.02 -0.59	45.97 3.51 -0.58	50.29 3.81 0.00	56.62 4.27 -0.28	39.43 2.88 0.00	37.12 2.66 0.00	38.19 2.63 0.00	35.02 2.24 0.00	42.38 2.58 0.00	35.99 2.14 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	24.93 0.07 0.00	24.81 0.02 0.00	23.94 -0.01 0.00	23.69 -0.04 0.00	23.91 -0.06 0.00	23.65 -0.06 0.00	24.12 -0.10 0.00	24.74 -0.14 0.00	23.12 -0.09 0.00	26.50 0.01 -0.04	27.15 0.13 -0.60	30.18 0.32 -1.08	34.90 0.37 -1.82	38.93 0.63 -2.46	42.68 0.78 -3.03	46.22 0.77 -3.58	51.49 0.62 -4.40	57.83 0.77 -5.00	39.67 0.47 -2.65	37.03 0.40 -2.17	38.30 0.34 -2.40	34.92 0.24 -1.90	43.20 0.20 -3.20	36.05 0.15 -2.05



HAMLTNNY_34_KV_TB 80303	25.00 0.13 0.00	24.86 0.07 0.00	23.96 0.01 0.00	23.71 -0.01 0.00	23.93 -0.04 0.00	23.67 -0.04 0.00	24.13 -0.09 0.00	24.76 -0.12 0.00	23.14 -0.07 0.00	26.54 0.06 -0.04	27.20 0.17 -0.62	30.24 0.36 -1.10	35.02 0.45 -1.86	39.09 0.73 -2.52	42.90 0.93 -3.10	46.44 0.90 -3.66	51.72 0.74 -4.51	58.10 0.91 -5.13	39.86 0.59 -2.71	37.20 0.52 -2.23	38.48 0.45 -2.46	35.04 0.32 -1.95	43.38 0.29 -3.28	36.17 0.22 -2.10
HAMPSHIRE___PAPER_HYD 323593	23.74 -1.13 0.00	24.27 -0.51 0.00	23.49 -0.45 0.00	23.39 -0.33 0.00	23.67 -0.30 0.00	23.45 -0.26 0.00	23.99 -0.23 0.00	24.69 -0.19 0.00	22.89 -0.31 0.00	26.13 -0.33 -0.01	26.02 -0.60 -0.20	28.34 -0.79 -0.36	32.31 -1.00 -0.60	35.35 -1.31 -0.82	38.44 -1.44 -1.00	41.28 -1.79 -1.18	46.44 -1.49 -1.46	52.55 -1.17 -1.66	36.73 -0.70 -0.88	34.70 -0.48 -0.72	36.04 -0.31 -0.80	33.18 -0.22 -0.63	40.19 -0.68 -1.06	33.76 -0.76 -0.68
HARDSCRABBLE_WT_PWR 323673	25.11 0.25 0.00	24.87 0.08 0.00	24.00 0.05 0.00	23.81 0.08 0.00	23.98 0.01 0.00	23.72 0.01 0.00	24.16 -0.06 0.00	24.77 -0.11 0.00	23.18 -0.03 0.00	26.29 -0.16 0.00	26.29 -0.13 0.00	28.67 -0.11 0.00	32.54 -0.17 0.00	35.84 0.00 0.00	39.22 0.35 0.00	42.39 0.50 0.00	47.27 0.79 0.00	53.01 0.95 0.00	37.41 0.86 0.00	35.38 0.92 0.00	36.55 1.00 0.00	33.58 0.80 0.00	40.82 1.01 0.00	34.60 0.75 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	26.01 1.14 0.00	25.73 0.94 0.00	24.75 0.80 0.00	24.48 0.75 0.00	24.69 0.72 0.00	24.40 0.70 0.00	25.01 0.79 0.00	25.71 0.83 0.00	24.15 0.94 0.00	27.52 1.07 0.00	27.80 1.23 -0.15	30.63 1.74 -0.12	35.43 2.08 -0.63	38.95 2.53 -0.58	42.55 3.04 -0.64	46.04 3.54 -0.62	50.33 3.85 0.00	56.58 4.21 -0.30	39.36 2.80 0.00	37.01 2.55 0.00	38.05 2.50 0.00	34.87 2.09 0.00	42.18 2.37 0.00	35.78 1.93 0.00
HARSNRAD_115KV_TB1 81005	24.59 -0.28 0.00	24.56 -0.23 0.00	23.69 -0.26 0.00	23.27 -0.46 0.00	23.50 -0.47 0.00	23.28 -0.43 0.00	23.82 -0.40 0.00	24.49 -0.39 0.00	22.87 -0.34 0.00	26.70 0.26 0.00	26.98 0.56 0.00	29.64 0.86 0.00	33.70 0.99 0.00	37.41 1.57 0.00	40.85 1.98 0.00	43.11 1.22 0.00	46.73 0.25 0.00	52.34 0.28 0.00	36.67 0.12 0.00	34.59 0.13 0.00	35.40 -0.16 0.00	32.62 -0.16 0.00	39.53 -0.28 0.00	34.01 0.16 0.00
HARZA MOOSE___RIVER 24016	24.68 -0.19 0.00	25.01 0.23 0.00	24.26 0.32 0.00	24.12 0.40 0.00	24.37 0.40 0.00	24.12 0.42 0.00	24.65 0.43 0.00	25.29 0.41 0.00	23.58 0.37 0.00	26.89 0.43 -0.01	26.97 0.38 -0.17	29.52 0.44 -0.30	33.62 0.40 -0.51	36.95 0.42 -0.69	40.21 0.49 -0.85	43.16 0.27 -1.00	48.45 0.73 -1.24	54.79 1.32 -1.41	38.29 0.99 -0.74	36.09 1.02 -0.61	37.38 1.14 -0.68	34.33 1.02 -0.54	41.55 0.84 -0.90	34.93 0.51 -0.58
HDSNBRDG_115KV_BRDG_TB1 355580	24.80 -0.06 0.00	24.68 -0.11 0.00	23.81 -0.14 0.00	23.56 -0.17 0.00	23.78 -0.19 0.00	23.53 -0.18 0.00	24.00 -0.22 0.00	24.61 -0.27 0.00	23.00 -0.21 0.00	26.34 -0.13 -0.02	26.74 0.00 -0.33	29.53 0.17 -0.58	33.90 0.20 -0.98	37.61 0.43 -1.34	41.05 0.54 -1.64	44.32 0.49 -1.94	49.17 0.31 -2.39	55.17 0.40 -2.71	38.21 0.22 -1.44	35.81 0.17 -1.18	36.96 0.09 -1.30	33.82 0.02 -1.03	41.52 -0.02 -1.73	34.91 -0.05 -1.11
HELLGATE_13_KV_LD 55870	26.20 1.34 0.00	25.93 1.14 0.00	24.93 0.98 0.00	24.68 0.95 0.00	24.90 0.93 0.00	24.60 0.89 0.00	25.22 1.00 0.00	25.94 1.06 0.00	24.36 1.15 0.00	27.75 1.30 0.00	28.02 1.43 -0.18	30.80 1.89 -0.14	35.66 2.20 -0.75	39.17 2.65 -0.69	42.73 3.11 -0.75	46.18 3.56 -0.73	50.27 3.80 0.00	56.56 4.15 -0.35	39.23 2.68 0.00	36.94 2.48 0.00	38.01 2.45 0.00	34.88 2.11 0.00	42.18 2.38 0.00	35.90 2.06 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	26.20 1.34 0.00	25.93 1.14 0.00	24.93 0.98 0.00	24.68 0.95 0.00	24.90 0.93 0.00	24.60 0.89 0.00	25.22 1.00 0.00	25.94 1.06 0.00	24.36 1.15 0.00	27.75 1.30 0.00	28.02 1.43 -0.18	30.80 1.89 -0.14	35.66 2.20 -0.75	39.17 2.65 -0.69	42.73 3.11 -0.75	46.18 3.56 -0.73	50.27 3.80 0.00	56.56 4.15 -0.35	39.23 2.68 0.00	36.94 2.48 0.00	38.01 2.45 0.00	34.88 2.11 0.00	42.18 2.38 0.00	35.90 2.06 0.00
HEMPSTEAD____ 23647	26.41 1.55 0.00	27.29 1.37 -1.13	25.13 1.19 0.00	24.83 1.10 0.00	25.06 1.09 0.00	24.71 1.00 0.00	25.31 1.09 0.00	26.01 1.13 0.00	24.47 1.27 0.00	27.84 1.39 0.00	27.83 1.24 -0.18	30.67 1.76 -0.14	35.74 2.28 -0.75	39.20 2.67 -0.69	42.83 3.21 -0.75	46.17 3.56 -0.73	50.81 3.91 -0.42	56.71 4.29 -0.35	39.47 2.91 0.00	37.11 2.65 0.00	38.08 2.52 0.00	47.99 2.24 -12.97	42.82 2.77 -0.24	36.23 2.38 0.00
HEWLETT_69_KV_BK3 55828	26.61 1.75 0.00	27.47 1.56 -1.13	25.31 1.36 0.00	24.99 1.26 0.00	25.23 1.26 0.00	24.88 1.18 0.00	25.49 1.27 0.00	26.19 1.31 0.00	24.64 1.43 0.00	28.03 1.59 0.00	28.09 1.49 -0.18	31.00 2.09 -0.14	36.10 2.64 -0.75	39.59 3.06 -0.69	43.28 3.66 -0.75	46.49 3.87 -0.73	51.09 4.20 -0.42	57.00 4.59 -0.35	39.79 3.23 0.00	37.43 2.97 0.00	38.49 2.93 0.00	48.35 2.59 -12.97	43.23 3.18 -0.24	36.57 2.72 0.00
HICKLING___1 23621	25.02 0.15 0.00	24.81 0.02 0.00	23.94 -0.01 0.00	23.72 0.00 0.00	23.96 -0.01 0.00	23.80 0.10 0.00	24.35 0.13 0.00	25.15 0.27 0.00	23.49 0.28 0.00	27.07 0.62 -0.01	27.43 0.82 -0.18	30.32 1.22 -0.33	34.48 1.21 -0.55	38.59 2.00 -0.75	42.22 2.42 -0.92	45.20 2.23 -1.09	49.53 1.72 -1.34	55.66 2.07 -1.52	38.80 1.44 -0.80	36.45 1.32 -0.66	37.44 1.15 -0.73	34.26 0.91 -0.58	41.82 1.04 -0.97	35.36 0.89 -0.62
HICKLING___2 23622	25.02 0.15 0.00	24.81 0.02 0.00	23.94 -0.01 0.00	23.72 0.00 0.00	23.96 -0.01 0.00	23.80 0.10 0.00	24.35 0.13 0.00	25.15 0.27 0.00	23.49 0.28 0.00	27.07 0.62 -0.01	27.43 0.82 -0.18	30.32 1.22 -0.33	34.48 1.21 -0.55	38.59 2.00 -0.75	42.22 2.42 -0.92	45.20 2.23 -1.09	49.53 1.72 -1.34	55.66 2.07 -1.52	38.80 1.44 -0.80	36.45 1.32 -0.66	37.44 1.15 -0.73	34.26 0.91 -0.58	41.82 1.04 -0.97	35.36 0.89 -0.62
HIGH FALLS___HY 23754	26.01 1.14 0.00	25.70 0.91 0.00	24.69 0.74 0.00	24.42 0.69 0.00	24.63 0.66 0.00	24.34 0.63 0.00	24.94 0.72 0.00	25.68 0.80 0.00	24.17 0.96 0.00	27.60 1.15 0.00	27.87 1.36 -0.09	30.68 1.83 -0.07	35.29 2.22 -0.36	38.60 2.43 -0.33	41.93 2.70 -0.36	45.53 3.29 -0.35	49.90 3.43 0.00	56.30 4.07 -0.17	39.34 2.79 0.00	37.01 2.54 0.00	38.04 2.48 0.00	35.04 2.26 0.00	42.35 2.54 0.00	35.93 2.09 0.00
HIGH_RIVER___SOLAR 323847	25.88 1.02 0.00	25.76 0.97 0.00	24.86 0.91 0.00	24.63 0.90 0.00	24.86 0.89 0.00	24.58 0.87 0.00	25.08 0.86 0.00	25.69 0.81 0.00	23.95 0.74 0.00	27.29 0.85 0.00	27.17 0.88 0.13	29.64 0.96 0.10	33.25 1.07 0.53	36.60 1.25 0.49	39.93 1.59 0.53	43.10 1.73 0.52	48.59 2.11 0.00	54.30 2.49 0.25	38.42 1.86 0.00	36.30 1.83 0.00	37.48 1.92 0.00	34.45 1.67 0.00	41.81 2.00 0.00	35.51 1.66 0.00



HILLBURN___GT 23639	25.94 1.07 0.00	25.66 0.87 0.00	24.68 0.73 0.00	24.40 0.67 0.00	24.62 0.65 0.00	24.33 0.62 0.00	24.92 0.70 0.00	25.65 0.77 0.00	24.09 0.88 0.00	27.45 1.01 0.00	27.72 1.15 -0.16	30.52 1.62 -0.12	35.35 1.98 -0.66	38.87 2.43 -0.61	42.44 2.90 -0.66	45.89 3.36 -0.65	50.08 3.61 0.00	56.29 3.92 -0.31	39.12 2.57 0.00	36.80 2.34 0.00	37.84 2.28 0.00	34.68 1.90 0.00	41.96 2.15 0.00	35.61 1.77 0.00
HILLSIDE_115KV_TB1 80332	24.71 -0.15 0.00	24.48 -0.30 0.00	23.63 -0.32 0.00	23.42 -0.31 0.00	23.63 -0.34 0.00	23.46 -0.25 0.00	23.99 -0.23 0.00	24.78 -0.10 0.00	23.13 -0.08 0.00	26.61 0.15 -0.01	26.94 0.34 -0.19	29.78 0.66 -0.34	33.86 0.58 -0.57	37.93 1.31 -0.78	41.46 1.64 -0.95	44.42 1.41 -1.12	48.67 0.81 -1.38	54.70 1.06 -1.57	38.11 0.72 -0.83	35.80 0.66 -0.68	36.80 0.49 -0.76	33.67 0.30 -0.60	41.14 0.32 -1.01	34.75 0.26 -0.64
HISHELDN_WT_PWR 323625	24.62 -0.25 0.00	24.58 -0.21 0.00	23.74 -0.20 0.00	23.41 -0.31 0.00	23.68 -0.29 0.00	23.50 -0.21 0.00	24.19 -0.03 0.00	24.82 -0.06 0.00	23.19 -0.01 0.00	26.98 0.53 0.00	27.24 0.82 0.00	29.94 1.17 0.00	34.00 1.29 0.00	37.77 1.93 0.00	41.18 2.31 0.00	43.64 1.75 0.00	47.39 0.91 0.00	53.10 1.04 0.00	37.25 0.69 0.00	35.11 0.65 0.00	35.95 0.40 0.00	33.10 0.32 0.00	40.10 0.29 0.00	34.39 0.54 0.00
HOLTSVILLE_IC_1 23690	26.60 1.73 0.00	27.51 1.59 -1.13	25.33 1.39 0.00	25.01 1.28 0.00	25.26 1.29 0.00	24.88 1.17 0.00	25.49 1.27 0.00	26.17 1.29 0.00	24.67 1.46 0.00	28.01 1.56 0.00	27.81 1.21 -0.18	30.70 1.79 -0.14	35.90 2.44 -0.75	39.32 2.79 -0.69	43.08 3.46 -0.75	46.40 3.78 -0.73	51.11 4.21 -0.42	56.97 4.55 -0.35	39.72 3.16 0.00	37.45 2.98 0.00	38.31 2.75 0.00	48.05 2.30 -12.97	42.89 2.84 -0.24	36.37 2.52 0.00
HOLTSVILLE_IC_10 23699	26.73 1.87 0.00	27.62 1.71 -1.13	25.44 1.50 0.00	25.12 1.39 0.00	25.36 1.39 0.00	24.97 1.27 0.00	25.59 1.37 0.00	26.29 1.41 0.00	24.78 1.57 0.00	28.16 1.71 0.00	27.96 1.37 -0.18	30.90 1.98 -0.14	36.15 2.69 -0.75	39.61 3.09 -0.69	43.43 3.80 -0.75	46.77 4.16 -0.73	51.55 4.65 -0.42	57.41 5.00 -0.35	40.03 3.47 0.00	37.74 3.27 0.00	38.59 3.03 0.00	48.29 2.54 -12.97	43.17 3.12 -0.24	36.61 2.76 0.00
HOLTSVILLE_IC_2 23691	26.60 1.73 0.00	27.51 1.59 -1.13	25.33 1.39 0.00	25.01 1.28 0.00	25.26 1.29 0.00	24.88 1.17 0.00	25.49 1.27 0.00	26.17 1.29 0.00	24.67 1.46 0.00	28.01 1.56 0.00	27.81 1.21 -0.18	30.70 1.79 -0.14	35.90 2.44 -0.75	39.32 2.79 -0.69	43.08 3.46 -0.75	46.40 3.78 -0.73	51.11 4.21 -0.42	56.97 4.55 -0.35	39.72 3.16 0.00	37.45 2.98 0.00	38.31 2.75 0.00	48.05 2.30 -12.97	42.89 2.84 -0.24	36.37 2.52 0.00
HOLTSVILLE_IC_3 23692	26.60 1.73 0.00	27.51 1.59 -1.13	25.33 1.39 0.00	25.01 1.28 0.00	25.26 1.29 0.00	24.88 1.17 0.00	25.49 1.27 0.00	26.17 1.29 0.00	24.67 1.46 0.00	28.01 1.56 0.00	27.81 1.21 -0.18	30.70 1.79 -0.14	35.90 2.44 -0.75	39.32 2.79 -0.69	43.08 3.46 -0.75	46.40 3.78 -0.73	51.11 4.21 -0.42	56.97 4.55 -0.35	39.72 3.16 0.00	37.45 2.98 0.00	38.31 2.75 0.00	48.05 2.30 -12.97	42.89 2.84 -0.24	36.37 2.52 0.00
HOLTSVILLE_IC_4 23693	26.60 1.73 0.00	27.51 1.59 -1.13	25.33 1.39 0.00	25.01 1.28 0.00	25.26 1.29 0.00	24.88 1.17 0.00	25.49 1.27 0.00	26.17 1.29 0.00	24.67 1.46 0.00	28.01 1.56 0.00	27.81 1.21 -0.18	30.70 1.79 -0.14	35.90 2.44 -0.75	39.32 2.79 -0.69	43.08 3.46 -0.75	46.40 3.78 -0.73	51.11 4.21 -0.42	56.97 4.55 -0.35	39.72 3.16 0.00	37.45 2.98 0.00	38.31 2.75 0.00	48.05 2.30 -12.97	42.89 2.84 -0.24	36.37 2.52 0.00
HOLTSVILLE_IC_5 23694	26.60 1.73 0.00	27.51 1.59 -1.13	25.33 1.39 0.00	25.01 1.28 0.00	25.26 1.29 0.00	24.88 1.17 0.00	25.49 1.27 0.00	26.17 1.29 0.00	24.67 1.46 0.00	28.01 1.56 0.00	27.81 1.21 -0.18	30.70 1.79 -0.14	35.90 2.44 -0.75	39.32 2.79 -0.69	43.08 3.46 -0.75	46.40 3.78 -0.73	51.11 4.21 -0.42	56.97 4.55 -0.35	39.72 3.16 0.00	37.45 2.98 0.00	38.31 2.75 0.00	48.05 2.30 -12.97	42.89 2.84 -0.24	36.37 2.52 0.00
HOLTSVILLE_IC_6 23695	26.73 1.87 0.00	27.62 1.71 -1.13	25.44 1.50 0.00	25.12 1.39 0.00	25.36 1.39 0.00	24.97 1.27 0.00	25.59 1.37 0.00	26.29 1.41 0.00	24.78 1.57 0.00	28.16 1.71 0.00	27.96 1.37 -0.18	30.90 1.98 -0.14	36.15 2.69 -0.75	39.61 3.09 -0.69	43.43 3.80 -0.75	46.77 4.16 -0.73	51.55 4.65 -0.42	57.41 5.00 -0.35	40.03 3.47 0.00	37.74 3.27 0.00	38.59 3.03 0.00	48.29 2.54 -12.97	43.17 3.12 -0.24	36.61 2.76 0.00
HOLTSVILLE_IC_7 23696	26.73 1.87 0.00	27.62 1.71 -1.13	25.44 1.50 0.00	25.12 1.39 0.00	25.36 1.39 0.00	24.97 1.27 0.00	25.59 1.37 0.00	26.29 1.41 0.00	24.78 1.57 0.00	28.16 1.71 0.00	27.96 1.37 -0.18	30.90 1.98 -0.14	36.15 2.69 -0.75	39.61 3.09 -0.69	43.43 3.80 -0.75	46.77 4.16 -0.73	51.55 4.65 -0.42	57.41 5.00 -0.35	40.03 3.47 0.00	37.74 3.27 0.00	38.59 3.03 0.00	48.29 2.54 -12.97	43.17 3.12 -0.24	36.61 2.76 0.00
HOLTSVILLE_IC_8 23697	26.73 1.87 0.00	27.62 1.71 -1.13	25.44 1.50 0.00	25.12 1.39 0.00	25.36 1.39 0.00	24.97 1.27 0.00	25.59 1.37 0.00	26.29 1.41 0.00	24.78 1.57 0.00	28.16 1.71 0.00	27.96 1.37 -0.18	30.90 1.98 -0.14	36.15 2.69 -0.75	39.61 3.09 -0.69	43.43 3.80 -0.75	46.77 4.16 -0.73	51.55 4.65 -0.42	57.41 5.00 -0.35	40.03 3.47 0.00	37.74 3.27 0.00	38.59 3.03 0.00	48.29 2.54 -12.97	43.17 3.12 -0.24	36.61 2.76 0.00
HOLTSVILLE_IC_9 23698	26.73 1.87 0.00	27.62 1.71 -1.13	25.44 1.50 0.00	25.12 1.39 0.00	25.36 1.39 0.00	24.97 1.27 0.00	25.59 1.37 0.00	26.29 1.41 0.00	24.78 1.57 0.00	28.16 1.71 0.00	27.96 1.37 -0.18	30.90 1.98 -0.14	36.15 2.69 -0.75	39.61 3.09 -0.69	43.43 3.80 -0.75	46.77 4.16 -0.73	51.55 4.65 -0.42	57.41 5.00 -0.35	40.03 3.47 0.00	37.74 3.27 0.00	38.59 3.03 0.00	48.29 2.54 -12.97	43.17 3.12 -0.24	36.61 2.76 0.00
HOMER_HL_115KV_TB2 355744	25.04 0.18 0.00	24.88 0.09 0.00	23.93 -0.01 0.00	23.62 -0.11 0.00	23.90 -0.07 0.00	23.69 -0.02 0.00	24.30 0.08 0.00	25.11 0.23 0.00	23.48 0.27 0.00	27.25 0.80 0.00	27.40 0.98 0.00	30.15 1.37 0.00	34.02 1.31 0.00	37.96 2.12 0.00	41.44 2.57 0.00	43.97 2.08 0.00	47.59 1.12 0.00	53.20 1.14 0.00	37.30 0.75 0.00	35.21 0.74 0.00	36.05 0.49 0.00	33.22 0.44 0.00	40.44 0.63 0.00	34.59 0.74 0.00
HOWARD_WT_PWR 323690	24.68 -0.18 0.00	24.55 -0.24 0.00	23.75 -0.19 0.00	23.59 -0.14 0.00	23.98 0.01 0.00	23.85 0.14 0.00	24.60 0.38 0.00	25.35 0.47 0.00	23.75 0.54 0.00	27.50 1.04 -0.01	27.81 1.26 -0.13	30.69 1.67 -0.24	34.92 1.80 -0.40	38.94 2.55 -0.55	42.55 3.00 -0.67	45.29 2.61 -0.80	49.61 2.16 -0.98	55.71 2.54 -1.11	39.00 1.86 -0.59	36.71 1.76 -0.48	37.69 1.59 -0.53	34.57 1.37 -0.42	42.04 1.52 -0.71	35.71 1.41 -0.46



HQ_GEN_CEDARS 23644	24.24 -0.62 0.00	24.58 -0.20 0.00	23.81 -0.13 0.00	23.62 -0.11 0.00	23.94 -0.03 0.00	23.70 0.00 0.00	24.29 0.07 0.00	25.06 0.18 0.00	23.19 -0.02 0.00	26.44 -0.01 0.00	25.94 -0.48 0.00	27.91 -0.87 0.00	31.76 -0.95 0.00	34.37 -1.48 0.00	37.10 -1.77 0.00	39.88 -2.01 0.00	44.52 -1.96 0.00	50.16 -1.91 0.00	35.30 -1.26 0.00	33.30 -1.16 0.00	34.50 -1.05 0.00	31.97 -0.80 0.00	38.84 -0.97 0.00	33.04 -0.81 0.00
HQ_GEN_CEDARS_PROXY 323590	12.06 -0.62 12.18	24.59 -0.20 0.00	23.81 -0.13 0.00	23.62 -0.11 0.00	23.94 -0.03 0.00	23.70 0.00 0.00	23.61 0.07 0.67	25.06 0.18 0.00	22.37 -0.02 0.82	26.44 -0.01 0.00	12.78 -0.47 13.16	14.19 -0.87 13.73	18.53 -0.95 13.23	19.42 -1.48 14.95	19.03 -1.77 18.07	20.68 -2.01 19.20	24.48 -1.96 20.04	21.72 -1.91 28.43	17.31 -1.26 17.99	16.51 -1.16 16.79	17.38 -1.05 17.13	16.10 -0.80 15.87	19.16 -0.97 19.68	16.67 -0.81 16.37
HQ_GEN_IMPORT 323601	24.64 -0.22 0.00	24.65 -0.14 0.00	23.84 -0.11 0.00	23.63 -0.10 0.00	23.92 -0.05 0.00	23.66 -0.05 0.00	24.22 0.00 0.00	24.93 0.06 0.00	23.18 -0.03 0.00	26.42 -0.03 0.00	26.26 -0.15 0.00	28.37 -0.42 0.00	32.24 -0.47 0.00	35.11 -0.73 0.00	37.90 -0.97 0.00	40.79 -1.10 0.00	45.44 -1.04 0.00	50.94 -1.12 0.00	35.79 -0.76 0.00	33.75 -0.72 0.00	0.00 -0.68 34.88	32.30 -0.48 0.00	39.29 -0.52 0.00	33.43 -0.42 0.00
HQ_GEN_WHEEL 23651	24.64 -0.22 0.00	24.65 -0.14 0.00	23.84 -0.11 0.00	23.63 -0.10 0.00	23.92 -0.05 0.00	23.66 -0.05 0.00	24.22 0.00 0.00	24.93 0.06 0.00	23.18 -0.03 0.00	26.42 -0.03 0.00	26.26 -0.15 0.00	28.37 -0.42 0.00	32.24 -0.47 0.00	35.11 -0.73 0.00	37.90 -0.97 0.00	40.79 -1.10 0.00	45.44 -1.04 0.00	50.94 -1.12 0.00	35.79 -0.76 0.00	33.75 -0.72 0.00	0.00 -0.68 34.88	32.30 -0.48 0.00	39.29 -0.52 0.00	33.43 -0.42 0.00
HUDSON AVE_GT_3 23810	26.22 1.36 0.00	25.95 1.16 0.00	24.94 1.00 0.00	24.67 0.94 0.00	24.89 0.92 0.00	24.59 0.88 0.00	25.20 0.97 0.00	25.92 1.04 0.00	24.38 1.17 0.00	27.77 1.33 0.00	28.07 1.48 -0.18	30.89 1.97 -0.14	35.75 2.30 -0.75	39.28 2.75 -0.69	42.83 3.21 -0.75	46.31 3.69 -0.73	50.41 3.94 0.00	56.74 4.33 -0.35	39.34 2.78 0.00	37.02 2.56 0.00	38.12 2.56 0.00	34.96 2.18 0.00	42.29 2.48 0.00	35.97 2.12 0.00
HUDSON AVE_GT_4 23540	26.22 1.36 0.00	25.95 1.16 0.00	24.94 1.00 0.00	24.67 0.94 0.00	24.89 0.92 0.00	24.59 0.88 0.00	25.20 0.97 0.00	25.92 1.04 0.00	24.38 1.17 0.00	27.77 1.33 0.00	28.07 1.48 -0.18	30.89 1.97 -0.14	35.75 2.30 -0.75	39.28 2.75 -0.69	42.83 3.21 -0.75	46.31 3.69 -0.73	50.41 3.94 0.00	56.74 4.33 -0.35	39.34 2.78 0.00	37.02 2.56 0.00	38.12 2.56 0.00	34.96 2.18 0.00	42.29 2.48 0.00	35.97 2.12 0.00
HUDSON AVE_GT_5 23657	26.22 1.36 0.00	25.95 1.16 0.00	24.94 1.00 0.00	24.67 0.94 0.00	24.89 0.92 0.00	24.59 0.88 0.00	25.20 0.97 0.00	25.92 1.04 0.00	24.38 1.17 0.00	27.77 1.33 0.00	28.07 1.48 -0.18	30.89 1.97 -0.14	35.75 2.30 -0.75	39.28 2.75 -0.69	42.83 3.21 -0.75	46.31 3.69 -0.73	50.41 3.94 0.00	56.74 4.33 -0.35	39.34 2.78 0.00	37.02 2.56 0.00	38.12 2.56 0.00	34.96 2.18 0.00	42.29 2.48 0.00	35.97 2.12 0.00
HUDSON_AVE_10 24168	26.12 1.25 0.00	25.84 1.06 0.00	24.86 0.91 0.00	24.58 0.86 0.00	24.79 0.82 0.00	24.51 0.80 0.00	25.12 0.90 0.00	25.83 0.95 0.00	24.28 1.08 0.00	27.67 1.22 0.00	27.96 1.37 -0.18	30.76 1.84 -0.14	35.61 2.15 -0.75	39.13 2.60 -0.69	42.66 3.04 -0.75	46.14 3.53 -0.73	50.25 3.78 0.00	56.56 4.15 -0.35	39.22 2.67 0.00	36.89 2.43 0.00	37.98 2.42 0.00	34.83 2.05 0.00	42.11 2.30 0.00	35.85 2.00 0.00
HUDSON___115KV_TB 4 355613	25.98 1.12 0.00	25.86 1.07 0.00	24.98 1.04 0.00	24.75 1.02 0.00	24.94 0.97 0.00	24.66 0.95 0.00	25.17 0.95 0.00	25.77 0.89 0.00	24.00 0.79 0.00	27.16 0.71 0.00	27.01 0.70 0.10	29.63 0.93 0.08	33.17 0.90 0.43	36.39 0.95 0.40	39.41 0.98 0.44	42.76 1.30 0.43	48.14 1.67 0.00	53.95 2.09 0.21	38.16 1.61 0.00	36.14 1.68 0.00	37.40 1.84 0.00	34.33 1.55 0.00	41.67 1.86 0.00	35.35 1.50 0.00
HUNTER MOUNT___DRP 323613	26.18 1.32 0.00	26.06 1.28 0.00	25.19 1.24 0.00	24.96 1.23 0.00	25.15 1.18 0.00	24.87 1.16 0.00	25.37 1.15 0.00	25.95 1.07 0.00	24.16 0.96 0.00	27.34 0.89 0.00	27.22 0.87 0.07	29.83 1.11 0.05	33.44 0.99 0.27	36.69 1.09 0.24	39.65 1.04 0.27	43.04 1.42 0.26	48.30 1.82 0.00	54.29 2.35 0.13	38.43 1.87 0.00	36.41 1.95 0.00	37.69 2.13 0.00	34.59 1.81 0.00	41.99 2.18 0.00	35.63 1.78 0.00
HUNTINGTON_RES_REC 323705	26.50 1.64 0.00	27.43 1.51 -1.13	25.26 1.32 0.00	24.95 1.22 0.00	25.20 1.23 0.00	24.82 1.11 0.00	25.42 1.20 0.00	26.10 1.22 0.00	24.59 1.39 0.00	27.92 1.47 0.00	27.72 1.12 -0.18	30.66 1.75 -0.14	35.87 2.41 -0.75	39.33 2.80 -0.69	43.14 3.52 -0.75	46.47 3.86 -0.73	51.24 4.32 -0.44	57.01 4.60 -0.35	39.70 3.15 0.00	37.40 2.94 0.00	38.27 2.72 0.00	48.02 2.27 -12.97	42.81 2.76 -0.24	36.29 2.44 0.00
HUNTLEY___63 23557	24.80 -0.06 0.00	24.75 -0.04 0.00	23.87 -0.07 0.00	23.45 -0.27 0.00	23.67 -0.30 0.00	23.45 -0.25 0.00	24.01 -0.21 0.00	24.69 -0.19 0.00	23.06 -0.14 0.00	26.96 0.51 0.00	27.26 0.84 0.00	29.95 1.17 0.00	33.99 1.28 0.00	37.74 1.90 0.00	41.18 2.31 0.00	43.45 1.57 0.00	47.14 0.66 0.00	52.76 0.70 0.00	36.92 0.37 0.00	34.82 0.36 0.00	35.62 0.06 0.00	32.82 0.05 0.00	39.78 -0.03 0.00	34.28 0.43 0.00
HUNTLEY___64 23558	24.80 -0.06 0.00	24.75 -0.04 0.00	23.87 -0.07 0.00	23.45 -0.27 0.00	23.67 -0.30 0.00	23.45 -0.25 0.00	24.01 -0.21 0.00	24.69 -0.19 0.00	23.06 -0.14 0.00	26.96 0.51 0.00	27.26 0.84 0.00	29.95 1.17 0.00	33.99 1.28 0.00	37.74 1.90 0.00	41.18 2.31 0.00	43.45 1.57 0.00	47.14 0.66 0.00	52.76 0.70 0.00	36.92 0.37 0.00	34.82 0.36 0.00	35.62 0.06 0.00	32.82 0.05 0.00	39.78 -0.03 0.00	34.28 0.43 0.00
HUNTLEY___65 23559	24.80 -0.06 0.00	24.75 -0.04 0.00	23.87 -0.07 0.00	23.45 -0.27 0.00	23.67 -0.30 0.00	23.45 -0.25 0.00	24.01 -0.21 0.00	24.69 -0.19 0.00	23.06 -0.14 0.00	26.96 0.51 0.00	27.26 0.84 0.00	29.95 1.17 0.00	33.99 1.28 0.00	37.74 1.90 0.00	41.18 2.31 0.00	43.45 1.57 0.00	47.14 0.66 0.00	52.76 0.70 0.00	36.92 0.37 0.00	34.82 0.36 0.00	35.62 0.06 0.00	32.82 0.05 0.00	39.78 -0.03 0.00	34.28 0.43 0.00
HUNTLEY___66 23560	24.80 -0.06 0.00	24.75 -0.04 0.00	23.87 -0.07 0.00	23.45 -0.27 0.00	23.67 -0.30 0.00	23.45 -0.25 0.00	24.01 -0.21 0.00	24.69 -0.19 0.00	23.06 -0.14 0.00	26.96 0.51 0.00	27.26 0.84 0.00	29.95 1.17 0.00	33.99 1.28 0.00	37.74 1.90 0.00	41.18 2.31 0.00	43.45 1.57 0.00	47.14 0.66 0.00	52.76 0.70 0.00	36.92 0.37 0.00	34.82 0.36 0.00	35.62 0.06 0.00	32.82 0.05 0.00	39.78 -0.03 0.00	34.28 0.43 0.00



HUNTLEY___67 23561	24.55 -0.31 0.00	24.54 -0.25 0.00	23.67 -0.27 0.00	23.28 -0.45 0.00	23.50 -0.47 0.00	23.30 -0.41 0.00	23.86 -0.37 0.00	24.56 -0.32 0.00	22.93 -0.28 0.00	26.76 0.31 0.00	27.02 0.60 0.00	29.68 0.90 0.00	33.72 1.01 0.00	37.46 1.61 0.00	40.88 2.01 0.00	43.18 1.29 0.00	46.84 0.37 0.00	52.43 0.37 0.00	36.68 0.13 0.00	34.60 0.14 0.00	35.42 -0.14 0.00	32.64 -0.14 0.00	39.57 -0.24 0.00	34.02 0.17 0.00
HUNTLEY___68 23562	24.55 -0.31 0.00	24.54 -0.25 0.00	23.67 -0.27 0.00	23.28 -0.45 0.00	23.50 -0.47 0.00	23.30 -0.41 0.00	23.86 -0.37 0.00	24.56 -0.32 0.00	22.93 -0.28 0.00	26.76 0.31 0.00	27.02 0.60 0.00	29.68 0.90 0.00	33.72 1.01 0.00	37.46 1.61 0.00	40.88 2.01 0.00	43.18 1.29 0.00	46.84 0.37 0.00	52.43 0.37 0.00	36.68 0.13 0.00	34.60 0.14 0.00	35.42 -0.14 0.00	32.64 -0.14 0.00	39.57 -0.24 0.00	34.02 0.17 0.00
HYLAND___LFGE 323620	26.15 1.29 0.00	25.98 1.19 0.00	25.03 1.08 0.00	24.68 0.95 0.00	24.96 0.99 0.00	24.77 1.06 0.00	25.47 1.25 0.00	26.15 1.27 0.00	24.16 0.95 0.00	27.63 1.18 0.00	27.89 1.47 0.00	30.65 1.87 0.00	34.88 2.17 0.00	38.78 2.94 0.00	42.35 3.48 0.00	45.27 3.38 0.00	49.59 3.11 0.00	55.00 2.94 0.00	39.22 2.67 0.00	37.23 2.76 0.00	38.51 2.95 0.00	35.48 2.71 0.00	42.87 3.06 0.00	36.50 2.65 0.00
INDECK___CORINTH 23802	25.92 1.06 0.00	25.76 0.97 0.00	24.87 0.93 0.00	24.64 0.91 0.00	24.79 0.82 0.00	24.48 0.77 0.00	25.06 0.84 0.00	25.76 0.88 0.00	24.05 0.84 0.00	27.20 0.75 0.17	26.78 0.53 0.13	29.35 0.70 0.70	32.58 0.57 0.64	36.03 0.84 0.70	39.33 1.16 0.70	42.63 1.43 0.68	48.46 1.99 0.00	54.01 2.28 0.33	38.77 2.21 0.00	36.64 2.17 0.00	37.82 2.26 0.00	34.50 1.72 0.00	42.15 2.34 0.00	35.81 1.96 0.00
INDECK___ILION 23567	25.08 0.22 0.00	24.92 0.13 0.00	24.07 0.12 0.00	23.86 0.13 0.00	24.06 0.09 0.00	23.80 0.09 0.00	24.26 0.03 0.00	24.86 -0.02 0.00	23.23 0.02 0.00	26.40 -0.05 0.00	26.40 -0.02 0.00	28.80 0.02 0.00	32.72 0.01 0.00	35.98 0.14 0.00	39.24 0.37 0.00	42.36 0.48 0.00	47.14 0.67 0.00	52.81 0.75 0.00	37.18 0.63 0.00	35.11 0.64 0.00	36.25 0.69 0.00	33.32 0.54 0.00	40.47 0.66 0.00	34.35 0.50 0.00
INDECK___OLEAN 23982	25.04 0.18 0.00	24.88 0.09 0.00	23.93 -0.02 0.00	23.62 -0.11 0.00	23.90 -0.07 0.00	23.69 -0.02 0.00	24.40 0.18 0.00	25.10 0.23 0.00	23.48 0.27 0.00	27.24 0.79 0.00	27.40 0.98 0.00	30.15 1.37 0.00	34.04 1.33 0.00	37.97 2.14 0.00	41.44 2.57 0.00	43.96 2.08 0.00	47.60 1.12 0.00	53.22 1.15 0.00	37.31 0.76 0.00	35.21 0.74 0.00	36.03 0.47 0.00	33.22 0.44 0.00	40.45 0.64 0.00	34.59 0.74 0.00
INDECK___OSWEGO 23783	24.42 -0.45 0.00	24.33 -0.45 0.00	23.49 -0.46 0.00	23.27 -0.46 0.00	23.49 -0.48 0.00	23.23 -0.48 0.00	23.69 -0.53 0.00	24.26 -0.62 0.00	22.66 -0.55 0.00	25.98 -0.56 -0.10	27.42 -0.45 -1.45	31.00 -0.36 -2.58	36.64 -0.42 -4.35	41.42 -0.32 -5.89	45.86 -0.25 -7.24	50.07 -0.37 -8.55	56.45 -0.55 -10.52	63.47 -0.56 -11.97	42.50 -0.39 -6.33	39.29 -0.37 -5.19	40.89 -0.42 -5.75	36.89 -0.45 -4.56	46.83 -0.63 -7.65	38.17 -0.57 -4.90
INDECK___YERKES 23781	24.83 -0.04 0.00	24.77 -0.02 0.00	23.89 -0.06 0.00	23.46 -0.26 0.00	23.69 -0.28 0.00	23.47 -0.24 0.00	24.15 -0.07 0.00	24.71 -0.17 0.00	23.09 -0.12 0.00	26.97 0.52 0.00	27.28 0.87 0.00	29.98 1.20 0.00	34.05 1.34 0.00	37.79 1.95 0.00	41.22 2.35 0.00	43.50 1.61 0.00	47.17 0.70 0.00	52.81 0.75 0.00	36.97 0.42 0.00	34.85 0.39 0.00	35.63 0.07 0.00	32.85 0.07 0.00	39.81 0.00 0.00	34.31 0.46 0.00
INDIAN POINT_GT_1 24139	25.96 1.09 0.00	25.69 0.90 0.00	24.71 0.76 0.00	24.44 0.71 0.00	24.66 0.69 0.00	24.36 0.65 0.00	24.96 0.74 0.00	25.66 0.78 0.00	24.10 0.89 0.00	27.44 0.99 0.00	27.70 1.10 -0.18	30.48 1.56 -0.13	35.32 1.88 -0.73	38.78 2.27 -0.67	42.31 2.71 -0.73	45.75 3.14 -0.71	49.84 3.37 0.00	56.09 3.68 -0.35	38.97 2.42 0.00	36.66 2.20 0.00	37.74 2.18 0.00	34.61 1.83 0.00	41.89 2.08 0.00	35.59 1.74 0.00
INDIAN POINT_GT_2 23659	25.96 1.09 0.00	25.69 0.90 0.00	24.71 0.76 0.00	24.44 0.71 0.00	24.66 0.69 0.00	24.36 0.65 0.00	24.96 0.74 0.00	25.66 0.78 0.00	24.10 0.89 0.00	27.44 0.99 0.00	27.70 1.10 -0.18	30.48 1.56 -0.13	35.32 1.88 -0.73	38.78 2.27 -0.67	42.31 2.71 -0.73	45.75 3.14 -0.71	49.84 3.37 0.00	56.09 3.68 -0.35	38.97 2.42 0.00	36.66 2.20 0.00	37.74 2.18 0.00	34.61 1.83 0.00	41.89 2.08 0.00	35.59 1.74 0.00
INDIAN POINT_GT_3 24019	25.96 1.09 0.00	25.69 0.90 0.00	24.71 0.76 0.00	24.44 0.71 0.00	24.66 0.69 0.00	24.36 0.65 0.00	24.96 0.74 0.00	25.66 0.78 0.00	24.10 0.89 0.00	27.44 0.99 0.00	27.70 1.10 -0.18	30.48 1.56 -0.13	35.32 1.88 -0.73	38.78 2.27 -0.67	42.31 2.71 -0.73	45.75 3.14 -0.71	49.84 3.37 0.00	56.09 3.68 -0.35	38.97 2.42 0.00	36.66 2.20 0.00	37.74 2.18 0.00	34.61 1.83 0.00	41.89 2.08 0.00	35.59 1.74 0.00
INDIAN POINT___2 23530	25.92 1.05 0.00	25.66 0.87 0.00	24.68 0.73 0.00	24.41 0.68 0.00	24.62 0.65 0.00	24.33 0.62 0.00	24.91 0.68 0.00	25.64 0.76 0.00	24.07 0.87 0.00	27.41 0.96 0.00	27.67 1.08 -0.17	30.45 1.54 -0.13	35.27 1.86 -0.70	38.75 2.26 -0.65	42.27 2.69 -0.71	45.70 3.13 -0.69	49.81 3.34 0.00	56.03 3.64 -0.33	38.94 2.39 0.00	36.63 2.17 0.00	37.70 2.14 0.00	34.57 1.80 0.00	41.85 2.04 0.00	35.55 1.71 0.00
INDIAN POINT___3 23531	25.92 1.06 0.00	25.67 0.88 0.00	24.69 0.74 0.00	24.42 0.70 0.00	24.64 0.67 0.00	24.34 0.63 0.00	24.94 0.72 0.00	25.64 0.76 0.00	24.08 0.87 0.00	27.41 0.96 0.00	27.67 1.08 -0.18	30.44 1.53 -0.13	35.28 1.84 -0.73	38.74 2.23 -0.67	42.26 2.65 -0.73	45.69 3.08 -0.72	49.77 3.30 0.00	56.00 3.60 -0.35	38.91 2.36 0.00	36.62 2.16 0.00	37.68 2.12 0.00	34.56 1.78 0.00	41.84 2.03 0.00	35.55 1.70 0.00
INGHAM_C_115KV_TB7 356103	25.17 0.30 0.00	24.91 0.12 0.00	24.04 0.09 0.00	23.84 0.12 0.00	23.99 0.02 0.00	23.72 0.01 0.00	24.12 -0.10 0.00	24.68 -0.20 0.00	23.07 -0.14 0.00	26.11 -0.33 0.00	26.11 -0.31 0.00	28.45 -0.33 0.00	32.29 -0.43 0.00	35.60 -0.24 0.00	39.07 0.20 0.00	42.28 0.40 0.00	47.25 0.78 0.00	52.97 0.91 0.00	37.43 0.88 0.00	35.43 0.97 0.00	36.65 1.09 0.00	33.62 0.84 0.00	40.89 1.08 0.00	34.64 0.79 0.00
IP CORINTH___1 23988	26.06 1.19 0.00	25.89 1.10 0.00	25.01 1.06 0.00	24.77 1.04 0.00	24.92 0.95 0.00	24.60 0.90 0.00	25.20 0.98 0.00	25.89 1.01 0.00	24.18 0.97 0.00	27.35 0.90 0.00	26.94 0.69 0.17	29.52 0.87 0.13	32.78 0.77 0.70	36.25 1.06 0.64	39.57 1.40 0.70	42.88 1.68 0.68	48.73 2.26 0.00	54.31 2.58 0.33	38.98 2.43 0.00	36.84 2.37 0.00	38.03 2.47 0.00	34.70 1.92 0.00	42.38 2.57 0.00	36.01 2.17 0.00



IP___TICONDEROGA 23804	27.61 2.75 0.00	27.40 2.62 0.00	26.44 2.49 0.00	26.27 2.54 0.00	26.31 2.34 0.00	25.92 2.21 0.00	26.71 2.49 0.00	27.60 2.72 0.00	25.54 2.34 0.00	28.68 2.23 0.00	28.13 1.89 0.17	30.95 2.31 0.13	34.24 2.25 0.71	38.26 3.08 0.66	41.34 3.18 0.72	45.27 4.08 0.70	51.57 5.10 0.00	57.36 5.64 0.34	41.27 4.72 0.00	39.38 4.91 0.00	40.59 5.03 0.00	36.89 4.11 0.00	45.38 5.57 0.00	38.80 4.95 0.00
ISLIP_RES_REC 323679	26.85 1.99 0.00	27.74 1.82 -1.13	25.54 1.60 0.00	25.21 1.49 0.00	25.46 1.48 0.00	25.07 1.36 0.00	25.69 1.47 0.00	26.41 1.53 0.00	24.89 1.68 0.00	28.31 1.86 0.00	28.12 1.52 -0.18	31.08 2.17 -0.14	36.38 2.93 -0.75	39.87 3.34 -0.69	43.70 4.08 -0.75	47.08 4.47 -0.73	51.90 5.00 -0.42	57.80 5.39 -0.35	40.29 3.73 0.00	37.98 3.52 0.00	38.84 3.28 0.00	48.51 2.76 -12.97	43.43 3.38 -0.24	36.81 2.97 0.00
JAMAICA__27_KV_LOAD 355505	26.30 1.43 0.00	26.04 1.25 0.00	25.03 1.08 0.00	24.76 1.03 0.00	24.97 1.00 0.00	24.71 1.00 0.00	25.31 1.09 0.00	26.01 1.14 0.00	24.46 1.25 0.00	27.87 1.43 0.00	28.18 1.58 -0.18	30.95 2.03 -0.14	35.89 2.43 -0.75	39.46 2.93 -0.69	42.97 3.35 -0.75	46.56 3.94 -0.73	50.76 4.29 0.00	57.17 4.75 -0.35	39.65 3.09 0.00	37.27 2.81 0.00	38.31 2.75 0.00	35.14 2.37 0.00	42.45 2.64 0.00	36.21 2.36 0.00
JANIS___SOLAR 323808	25.72 0.85 0.00	25.51 0.72 0.00	24.63 0.69 0.00	24.42 0.70 0.00	24.72 0.75 0.00	24.53 0.82 0.00	25.08 0.86 0.00	25.76 0.88 0.00	24.07 0.86 0.00	27.42 0.95 -0.02	27.66 0.96 -0.28	30.48 1.22 -0.49	34.90 1.36 -0.83	38.79 1.83 -1.12	42.34 2.09 -1.38	46.12 2.61 -1.63	51.13 2.65 -2.01	57.92 3.57 -2.28	40.51 2.75 -1.21	38.07 2.62 -0.99	39.29 2.63 -1.10	35.89 2.25 -0.87	43.81 2.55 -1.46	36.86 2.07 -0.93
JARVIS____ 23743	24.94 0.08 0.00	24.86 0.07 0.00	24.02 0.07 0.00	23.80 0.07 0.00	24.03 0.06 0.00	23.76 0.05 0.00	24.27 0.05 0.00	24.90 0.02 0.00	23.25 0.04 0.00	26.48 0.03 0.00	26.47 0.06 0.00	28.91 0.13 0.00	32.86 0.15 0.00	36.05 0.21 0.00	39.16 0.29 0.00	42.22 0.34 0.00	46.83 0.36 0.00	52.44 0.38 0.00	36.83 0.28 0.00	34.74 0.27 0.00	35.84 0.28 0.00	32.98 0.20 0.00	40.03 0.23 0.00	34.03 0.18 0.00
JENNISON___1 23625	25.39 0.52 0.00	25.22 0.43 0.00	24.37 0.42 0.00	24.19 0.46 0.00	24.62 0.65 0.00	24.51 0.81 0.00	25.03 0.81 0.00	25.84 0.96 0.00	24.24 1.04 0.00	27.73 1.27 -0.01	28.01 1.40 -0.19	30.83 1.71 -0.34	35.21 1.92 -0.58	39.21 2.58 -0.79	42.77 2.93 -0.97	46.21 3.18 -1.15	51.12 3.23 -1.41	57.64 3.98 -1.60	40.25 2.84 -0.85	37.88 2.72 -0.69	39.05 2.72 -0.77	35.70 2.31 -0.61	43.48 2.65 -1.02	36.67 2.17 -0.66
JENNISON___2 23626	25.39 0.52 0.00	25.22 0.43 0.00	24.37 0.42 0.00	24.19 0.46 0.00	24.62 0.65 0.00	24.51 0.81 0.00	25.03 0.81 0.00	25.84 0.96 0.00	24.24 1.04 0.00	27.73 1.27 -0.01	28.01 1.40 -0.19	30.83 1.71 -0.34	35.21 1.92 -0.58	39.21 2.58 -0.79	42.77 2.93 -0.97	46.21 3.18 -1.15	51.12 3.23 -1.41	57.64 3.98 -1.60	40.25 2.84 -0.85	37.88 2.72 -0.69	39.05 2.72 -0.77	35.70 2.31 -0.61	43.48 2.65 -1.02	36.67 2.17 -0.66
JERICHO_RISE_WT_PWR 323719	23.86 -1.00 0.00	23.81 -0.97 0.00	23.16 -0.79 0.00	23.24 -0.49 0.00	23.77 -0.20 0.00	23.54 -0.17 0.00	24.24 0.02 0.00	25.12 0.24 0.00	23.32 0.11 0.00	26.56 0.11 0.00	26.38 -0.04 0.00	28.42 -0.36 0.00	32.33 -0.38 0.00	34.93 -0.91 0.00	37.72 -1.15 0.00	40.64 -1.25 0.00	45.30 -1.17 0.00	51.14 -0.92 0.00	36.11 -0.44 0.00	34.07 -0.39 0.00	35.29 -0.27 0.00	32.61 -0.16 0.00	39.62 -0.19 0.00	33.70 -0.15 0.00
KATONAH__115KV_46KV_TB4 355592	26.11 1.25 0.00	25.85 1.06 0.00	24.86 0.91 0.00	24.59 0.86 0.00	24.80 0.83 0.00	24.51 0.79 0.00	25.10 0.88 0.00	25.81 0.94 0.00	24.25 1.04 0.00	27.62 1.17 0.00	27.90 1.30 -0.18	30.69 1.77 -0.14	35.55 2.10 -0.74	39.04 2.52 -0.68	42.62 3.00 -0.74	46.08 3.47 -0.73	50.20 3.73 0.00	56.54 4.13 -0.35	39.29 2.73 0.00	36.96 2.49 0.00	38.03 2.47 0.00	34.86 2.08 0.00	42.20 2.39 0.00	35.85 2.00 0.00
KCE_NY_1 323755	26.10 1.24 0.00	25.96 1.17 0.00	25.07 1.13 0.00	24.82 1.09 0.00	25.00 1.03 0.00	24.70 0.99 0.00	25.22 1.00 0.00	25.90 1.02 0.00	24.19 0.98 0.00	27.41 0.96 0.00	27.16 0.93 0.18	29.75 1.11 0.14	33.11 1.14 0.74	36.54 1.38 0.68	39.85 1.72 0.74	43.16 1.99 0.72	48.97 2.49 0.00	54.47 2.76 0.35	38.71 2.16 0.00	36.58 2.12 0.00	37.80 2.24 0.00	34.62 1.84 0.00	42.17 2.36 0.00	35.84 1.99 0.00
KCE_NY_6_ESR 323823	24.87 0.01 0.00	24.84 0.05 0.00	23.95 0.01 0.00	23.57 -0.15 0.00	23.80 -0.17 0.00	23.60 -0.11 0.00	24.28 0.06 0.00	24.89 0.01 0.00	23.25 0.05 0.00	27.13 0.68 0.00	27.42 1.01 0.00	30.15 1.37 0.00	34.29 1.58 0.00	38.11 2.27 0.00	41.59 2.72 0.00	43.92 2.03 0.00	47.66 1.19 0.00	53.38 1.32 0.00	37.35 0.80 0.00	35.22 0.75 0.00	36.02 0.46 0.00	33.17 0.39 0.00	40.21 0.40 0.00	34.52 0.68 0.00
KEDC_PORT_JEFF_GT2 24210	26.66 1.79 0.00	27.56 1.64 -1.13	25.38 1.43 0.00	25.06 1.33 0.00	25.30 1.33 0.00	24.91 1.20 0.00	25.54 1.32 0.00	26.21 1.34 0.00	24.71 1.50 0.00	28.06 1.62 0.00	27.85 1.26 -0.18	30.76 1.85 -0.14	36.01 2.55 -0.75	39.43 2.91 -0.69	43.23 3.61 -0.75	46.56 3.94 -0.73	51.28 4.38 -0.43	56.84 4.43 -0.35	39.65 3.09 0.00	37.54 3.08 0.00	38.39 2.83 0.00	48.10 2.34 -12.97	42.97 2.92 -0.24	36.46 2.61 0.00
KEDC_PORT_JEFF_GT3 24211	26.66 1.79 0.00	27.56 1.64 -1.13	25.38 1.43 0.00	25.06 1.33 0.00	25.30 1.33 0.00	24.91 1.20 0.00	25.54 1.32 0.00	26.21 1.34 0.00	24.71 1.50 0.00	28.06 1.62 0.00	27.85 1.26 -0.18	30.76 1.85 -0.14	36.01 2.55 -0.75	39.43 2.91 -0.69	43.23 3.61 -0.75	46.56 3.94 -0.73	51.28 4.38 -0.43	56.84 4.43 -0.35	39.65 3.09 0.00	37.54 3.08 0.00	38.39 2.83 0.00	48.10 2.34 -12.97	42.97 2.92 -0.24	36.46 2.61 0.00
KEDC_GLWD_GT4 24219	26.54 1.68 0.00	27.42 1.50 -1.13	25.25 1.31 0.00	24.94 1.22 0.00	25.18 1.20 0.00	24.83 1.12 0.00	25.43 1.21 0.00	26.15 1.27 0.00	24.61 1.40 0.00	27.99 1.55 0.00	28.03 1.43 -0.18	30.84 1.92 -0.14	35.90 2.44 -0.75	39.30 2.78 -0.69	42.98 3.36 -0.75	46.36 3.74 -0.73	50.98 4.08 -0.42	56.91 4.49 -0.35	39.56 3.01 0.00	37.18 2.71 0.00	38.18 2.62 0.00	48.26 2.51 -12.97	43.11 3.06 -0.24	36.46 2.61 0.00
KEDC_GLWD_GT5 24220	26.54 1.68 0.00	27.42 1.50 -1.13	25.25 1.31 0.00	24.94 1.22 0.00	25.18 1.20 0.00	24.83 1.12 0.00	25.43 1.21 0.00	26.15 1.27 0.00	24.61 1.40 0.00	27.99 1.55 0.00	28.03 1.43 -0.18	30.84 1.92 -0.14	35.90 2.44 -0.75	39.30 2.78 -0.69	42.98 3.36 -0.75	46.36 3.74 -0.73	50.98 4.08 -0.42	56.91 4.49 -0.35	39.56 3.01 0.00	37.18 2.71 0.00	38.18 2.62 0.00	48.26 2.51 -12.97	43.11 3.06 -0.24	36.46 2.61 0.00



KENSICO____ 23655	26.04 1.17 0.00	25.78 0.99 0.00	24.79 0.85 0.00	24.52 0.79 0.00	24.74 0.77 0.00	24.44 0.73 0.00	25.03 0.81 0.00	25.74 0.86 0.00	24.18 0.97 0.00	27.53 1.08 0.00	27.78 1.19 -0.18	30.57 1.65 -0.14	35.42 1.97 -0.74	38.90 2.37 -0.69	42.43 2.81 -0.75	45.87 3.25 -0.73	49.96 3.49 0.00	56.23 3.82 -0.35	39.06 2.50 0.00	36.75 2.29 0.00	37.82 2.26 0.00	34.70 1.92 0.00	42.01 2.20 0.00	35.70 1.85 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	26.01 1.14 0.00	25.72 0.93 0.00	24.73 0.78 0.00	24.45 0.73 0.00	24.66 0.69 0.00	24.37 0.66 0.00	24.97 0.75 0.00	25.69 0.81 0.00	24.16 0.95 0.00	27.56 1.11 0.00	27.82 1.30 -0.10	30.60 1.75 -0.08	35.19 2.07 -0.41	38.40 2.19 -0.38	41.73 2.44 -0.41	45.33 3.04 -0.40	49.65 3.18 0.00	56.07 3.81 -0.19	39.18 2.63 0.00	36.88 2.42 0.00	37.94 2.39 0.00	35.00 2.22 0.00	42.32 2.52 0.00	35.91 2.06 0.00
KIAC_JFK_GT1 23816	26.14 1.28 0.00	25.87 1.08 0.00	24.88 0.93 0.00	24.61 0.88 0.00	24.83 0.86 0.00	24.56 0.86 0.00	25.16 0.94 0.00	25.86 0.99 0.00	24.31 1.11 0.00	27.70 1.26 0.00	28.00 1.40 -0.18	30.76 1.84 -0.14	35.63 2.18 -0.75	39.18 2.66 -0.69	42.55 2.93 -0.75	46.23 3.61 -0.73	50.41 3.93 0.00	56.77 4.36 -0.35	39.37 2.81 0.00	37.00 2.54 0.00	37.92 2.37 0.00	34.78 2.01 0.00	42.03 2.22 0.00	35.94 2.09 0.00
KIAC_JFK_GT2 23817	26.14 1.28 0.00	25.87 1.08 0.00	24.88 0.93 0.00	24.61 0.88 0.00	24.83 0.86 0.00	24.56 0.86 0.00	25.16 0.94 0.00	25.86 0.99 0.00	24.31 1.11 0.00	27.70 1.26 0.00	28.00 1.40 -0.18	30.76 1.84 -0.14	35.63 2.18 -0.75	39.18 2.66 -0.69	42.55 2.93 -0.75	46.23 3.61 -0.73	50.41 3.93 0.00	56.77 4.36 -0.35	39.37 2.81 0.00	37.00 2.54 0.00	37.92 2.37 0.00	34.78 2.01 0.00	42.03 2.22 0.00	35.94 2.09 0.00
KIAC_JFK____ 323774	26.14 1.28 0.00	25.87 1.09 0.00	24.88 0.93 0.00	24.61 0.88 0.00	24.83 0.85 0.00	24.56 0.86 0.00	25.12 0.91 0.00	25.86 0.99 0.00	24.31 1.11 0.00	27.71 1.26 0.00	28.00 1.40 -0.18	30.76 1.84 -0.14	35.63 2.17 -0.75	39.18 2.66 -0.69	42.55 2.93 -0.75	46.22 3.60 -0.73	50.41 3.94 0.00	56.77 4.36 -0.35	39.37 2.82 0.00	37.00 2.53 0.00	37.93 2.37 0.00	34.78 2.01 0.00	42.03 2.22 0.00	35.94 2.10 0.00
KINTIGH____ 23543	24.56 -0.30 0.00	24.53 -0.26 0.00	23.65 -0.30 0.00	23.27 -0.45 0.00	23.50 -0.47 0.00	23.28 -0.43 0.00	23.82 -0.40 0.00	24.49 -0.38 0.00	22.87 -0.34 0.00	26.62 0.17 0.00	26.84 0.42 0.00	29.45 0.67 0.00	33.46 0.75 0.00	37.10 1.25 0.00	40.49 1.62 0.00	42.88 0.99 0.00	46.64 0.17 0.00	52.19 0.13 0.00	36.53 -0.02 0.00	34.44 -0.02 0.00	35.30 -0.26 0.00	32.53 -0.25 0.00	39.47 -0.35 0.00	33.87 0.02 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	24.18 -0.69 0.00	24.07 -0.72 0.00	23.39 -0.55 0.00	23.50 -0.23 0.00	24.09 0.12 0.00	23.85 0.14 0.00	24.57 0.35 0.00	25.48 0.61 0.00	23.68 0.47 0.00	26.93 0.48 0.00	26.80 0.38 0.00	28.94 0.17 0.00	32.89 0.18 0.00	35.56 -0.28 0.00	38.49 -0.38 0.00	41.50 -0.39 0.00	46.22 -0.25 0.00	52.17 0.11 0.00	36.94 0.39 0.00	34.90 0.44 0.00	36.17 0.61 0.00	33.33 0.56 0.00	40.48 0.67 0.00	34.40 0.56 0.00
LACHUTE____HYDRO 323717	27.61 2.75 0.00	27.40 2.62 0.00	26.44 2.49 0.00	26.27 2.54 0.00	26.31 2.34 0.00	25.92 2.21 0.00	26.70 2.49 0.00	27.60 2.72 0.00	25.54 2.34 0.00	28.68 2.23 0.00	28.13 1.89 0.17	30.95 2.31 0.13	34.24 2.25 0.71	38.26 3.08 0.66	41.34 3.18 0.72	45.27 4.09 0.70	51.57 5.10 0.00	57.36 5.64 0.34	41.27 4.72 0.00	39.38 4.91 0.00	40.59 5.03 0.00	36.89 4.11 0.00	45.38 5.57 0.00	38.80 4.95 0.00
LAWRNCALV_115KV_TB1 80681	23.82 -1.05 0.00	24.19 -0.59 0.00	23.44 -0.50 0.00	23.29 -0.44 0.00	23.62 -0.35 0.00	23.39 -0.32 0.00	23.98 -0.24 0.00	24.75 -0.13 0.00	22.88 -0.33 0.00	26.07 -0.37 0.00	25.60 -0.82 0.00	27.53 -1.25 0.00	31.30 -1.41 0.00	33.83 -2.01 0.00	36.52 -2.35 0.00	39.23 -2.66 0.00	43.90 -2.57 0.00	49.56 -2.51 0.00	34.92 -1.63 0.00	33.02 -1.44 0.00	34.26 -1.30 0.00	31.75 -1.03 0.00	38.47 -1.34 0.00	32.68 -1.17 0.00
LEDERLE____ 23769	26.03 1.16 0.00	25.75 0.96 0.00	24.75 0.81 0.00	24.48 0.75 0.00	24.70 0.73 0.00	24.40 0.70 0.00	25.02 0.80 0.00	25.73 0.85 0.00	24.17 0.96 0.00	27.54 1.09 0.00	27.82 1.24 -0.16	30.64 1.74 -0.12	35.50 2.11 -0.68	39.03 2.56 -0.62	42.61 3.06 -0.68	46.08 3.54 -0.66	50.27 3.80 0.00	56.52 4.14 -0.32	39.28 2.72 0.00	36.94 2.48 0.00	37.98 2.42 0.00	34.81 2.04 0.00	42.12 2.31 0.00	35.75 1.90 0.00
LIGHTHSE_115KV_TB6 355974	24.46 -0.41 0.00	24.52 -0.27 0.00	23.71 -0.24 0.00	23.54 -0.18 0.00	23.77 -0.20 0.00	23.50 -0.21 0.00	23.93 -0.29 0.00	24.53 -0.35 0.00	22.89 -0.32 0.00	26.28 -0.22 -0.05	27.08 -0.12 -0.78	30.12 -0.04 -1.39	34.91 -0.14 -2.34	38.97 -0.04 -3.17	42.75 -0.02 -3.89	46.18 -0.31 -4.60	51.83 -0.31 -5.66	58.43 -0.07 -6.44	39.96 0.00 -3.41	37.33 0.08 -2.79	38.76 0.10 -3.09	35.33 0.10 -2.45	43.86 -0.07 -4.11	36.28 -0.20 -2.63
LINDEN COGEN____ 23786	26.07 1.21 0.00	25.79 1.00 0.00	24.81 0.86 0.00	24.53 0.80 0.00	24.74 0.77 0.00	24.45 0.74 0.00	25.02 0.80 0.00	25.76 0.88 0.00	24.22 1.02 0.00	27.59 1.15 0.00	27.89 1.30 -0.18	30.71 1.79 -0.14	35.52 2.06 -0.75	39.01 2.49 -0.69	42.53 2.90 -0.75	45.95 3.33 -0.73	50.00 3.53 0.00	56.27 3.86 -0.35	39.01 2.45 0.00	36.75 2.28 0.00	37.86 2.30 0.00	34.70 1.92 0.00	41.95 2.14 0.00	35.69 1.85 0.00
LINDHRST_69_KV_BK1 356055	26.77 1.91 0.00	27.67 1.75 -1.13	25.47 1.53 0.00	25.15 1.42 0.00	25.39 1.42 0.00	25.02 1.31 0.00	25.65 1.43 0.00	26.34 1.46 0.00	24.81 1.60 0.00	28.20 1.75 0.00	28.08 1.48 -0.18	30.99 2.08 -0.14	36.16 2.71 -0.75	39.69 3.16 -0.69	43.37 3.75 -0.75	46.72 4.10 -0.73	51.48 4.59 -0.42	57.40 4.99 -0.35	40.03 3.47 0.00	37.69 3.22 0.00	38.62 3.07 0.00	48.41 2.66 -12.97	43.38 3.33 -0.24	36.72 2.88 0.00
LIPA_MISC_IPP 23656	26.66 1.80 0.00	27.55 1.63 -1.13	25.36 1.42 0.00	25.04 1.31 0.00	25.28 1.31 0.00	24.89 1.18 0.00	25.54 1.32 0.00	26.20 1.32 0.00	24.71 1.50 0.00	28.08 1.63 0.00	27.87 1.28 -0.18	30.79 1.87 -0.14	36.00 2.55 -0.75	39.43 2.91 -0.69	43.23 3.61 -0.75	46.54 3.92 -0.73	51.29 4.39 -0.42	57.23 4.82 -0.35	39.92 3.36 0.00	37.63 3.17 0.00	38.45 2.89 0.00	48.14 2.39 -12.97	43.01 2.95 -0.24	36.45 2.61 0.00
LISF____SOLAR 323691	26.73 1.87 0.00	27.62 1.70 -1.13	25.43 1.48 0.00	25.10 1.37 0.00	25.34 1.36 0.00	24.95 1.24 0.00	25.57 1.35 0.00	26.26 1.39 0.00	24.77 1.56 0.00	28.15 1.71 0.00	27.92 1.33 -0.18	30.84 1.92 -0.14	36.07 2.61 -0.75	39.50 2.97 -0.69	43.31 3.69 -0.75	46.66 4.04 -0.73	51.43 4.53 -0.42	57.42 5.01 -0.35	40.05 3.50 0.00	37.74 3.28 0.00	38.57 3.01 0.00	48.25 2.50 -12.97	43.15 3.10 -0.24	36.57 2.73 0.00



LITTLE FALLS___HYD 24013	25.17 0.30 0.00	24.91 0.12 0.00	24.04 0.09 0.00	23.84 0.12 0.00	23.99 0.02 0.00	23.72 0.01 0.00	24.12 -0.10 0.00	24.68 -0.20 0.00	23.07 -0.14 0.00	26.11 -0.33 0.00	26.11 -0.31 0.00	28.45 -0.33 0.00	32.29 -0.43 0.00	35.60 -0.24 0.00	39.07 0.20 0.00	42.28 0.40 0.00	47.25 0.78 0.00	52.97 0.91 0.00	37.43 0.88 0.00	35.43 0.97 0.00	36.65 1.09 0.00	33.62 0.84 0.00	40.89 1.08 0.00	34.64 0.79 0.00
LITTLRIV_115KV_TB1 356100	24.19 -0.67 0.00	24.54 -0.25 0.00	23.78 -0.17 0.00	23.60 -0.12 0.00	23.95 -0.02 0.00	23.71 0.00 0.00	24.33 0.11 0.00	25.09 0.21 0.00	23.10 -0.11 0.00	26.34 -0.12 -0.01	25.90 -0.61 -0.10	27.88 -1.07 -0.17	31.78 -1.21 -0.28	34.36 -1.87 -0.39	37.16 -2.19 -0.47	39.94 -2.51 -0.56	44.80 -2.36 -0.69	50.68 -2.17 -0.79	35.65 -1.32 -0.41	33.84 -0.97 -0.34	35.21 -0.72 -0.38	32.60 -0.48 -0.30	39.64 -0.67 -0.50	33.52 -0.65 -0.32
LI_NEWBRDGE___DRP 323616	26.29 1.43 0.00	27.18 1.27 -1.13	25.04 1.10 0.00	24.74 1.01 0.00	24.98 1.01 0.00	24.63 0.93 0.00	25.24 1.02 0.00	25.92 1.04 0.00	24.38 1.18 0.00	27.70 1.25 0.00	27.70 1.11 -0.18	30.55 1.63 -0.14	35.58 2.12 -0.75	39.03 2.50 -0.69	42.65 3.03 -0.75	45.97 3.35 -0.73	50.58 3.69 -0.42	56.45 4.03 -0.35	39.28 2.73 0.00	36.96 2.50 0.00	37.93 2.37 0.00	47.80 2.04 -12.97	42.55 2.50 -0.24	36.02 2.17 0.00
LOCKPORT_115KV_TB60_63_64 80432	24.63 -0.23 0.00	24.59 -0.20 0.00	23.71 -0.24 0.00	23.29 -0.44 0.00	23.51 -0.46 0.00	23.29 -0.42 0.00	23.84 -0.37 0.00	24.51 -0.37 0.00	22.88 -0.33 0.00	26.72 0.27 0.00	26.99 0.58 0.00	29.66 0.88 0.00	33.73 1.02 0.00	37.45 1.60 0.00	40.89 2.02 0.00	43.15 1.26 0.00	46.77 0.30 0.00	52.41 0.34 0.00	36.73 0.17 0.00	34.63 0.17 0.00	35.43 -0.12 0.00	32.66 -0.12 0.00	39.57 -0.24 0.00	34.03 0.19 0.00
LOCKPORT___CC1 323769	24.59 -0.27 0.00	24.56 -0.23 0.00	23.68 -0.27 0.00	23.27 -0.46 0.00	23.50 -0.48 0.00	23.28 -0.43 0.00	23.95 -0.27 0.00	24.49 -0.39 0.00	22.87 -0.34 0.00	26.69 0.24 0.00	26.98 0.56 0.00	29.64 0.86 0.00	33.72 1.01 0.00	37.43 1.59 0.00	40.86 1.98 0.00	43.11 1.23 0.00	46.74 0.26 0.00	52.34 0.28 0.00	36.69 0.14 0.00	34.59 0.13 0.00	35.38 -0.18 0.00	32.62 -0.15 0.00	39.53 -0.28 0.00	34.02 0.17 0.00
LOCKPORT___CC2 323770	24.59 -0.27 0.00	24.56 -0.23 0.00	23.68 -0.27 0.00	23.27 -0.46 0.00	23.50 -0.48 0.00	23.28 -0.43 0.00	23.95 -0.27 0.00	24.49 -0.39 0.00	22.87 -0.34 0.00	26.69 0.24 0.00	26.98 0.56 0.00	29.64 0.86 0.00	33.72 1.01 0.00	37.43 1.59 0.00	40.86 1.98 0.00	43.11 1.23 0.00	46.74 0.26 0.00	52.34 0.28 0.00	36.69 0.14 0.00	34.59 0.13 0.00	35.38 -0.18 0.00	32.62 -0.15 0.00	39.53 -0.28 0.00	34.02 0.17 0.00
LOCKPORT___CC3 323771	24.59 -0.27 0.00	24.56 -0.23 0.00	23.68 -0.27 0.00	23.27 -0.46 0.00	23.50 -0.48 0.00	23.28 -0.43 0.00	23.95 -0.27 0.00	24.49 -0.39 0.00	22.87 -0.34 0.00	26.69 0.24 0.00	26.98 0.56 0.00	29.64 0.86 0.00	33.72 1.01 0.00	37.43 1.59 0.00	40.86 1.98 0.00	43.11 1.23 0.00	46.74 0.26 0.00	52.34 0.28 0.00	36.69 0.14 0.00	34.59 0.13 0.00	35.38 -0.18 0.00	32.62 -0.15 0.00	39.53 -0.28 0.00	34.02 0.17 0.00
LONG_LAKE_PHOENIX 24014	24.61 -0.26 0.00	24.50 -0.29 0.00	23.63 -0.32 0.00	23.39 -0.34 0.00	23.61 -0.36 0.00	23.36 -0.35 0.00	23.81 -0.41 0.00	24.40 -0.48 0.00	22.80 -0.41 0.00	26.12 -0.40 -0.07	27.23 -0.28 -1.09	30.58 -0.15 -1.95	35.84 -0.15 -3.29	40.31 0.02 -4.46	44.46 0.12 -5.47	48.40 0.05 -6.46	54.30 -0.13 -7.96	60.99 -0.12 -9.05	41.24 -0.10 -4.79	38.28 -0.11 -3.93	39.73 -0.18 -4.35	35.98 -0.24 -3.45	45.22 -0.37 -5.78	37.20 -0.35 -3.70
LOVETT___3 23632	25.89 1.03 0.00	25.62 0.84 0.00	24.65 0.70 0.00	24.37 0.65 0.00	24.60 0.62 0.00	24.29 0.59 0.00	24.90 0.68 0.00	25.61 0.73 0.00	24.04 0.83 0.00	27.38 0.93 0.00	27.65 1.07 -0.17	30.43 1.53 -0.13	35.26 1.86 -0.68	38.75 2.28 -0.63	42.28 2.72 -0.69	45.72 3.17 -0.67	49.86 3.39 0.00	56.06 3.68 -0.33	38.96 2.41 0.00	36.66 2.19 0.00	37.71 2.15 0.00	34.57 1.79 0.00	41.84 2.03 0.00	35.53 1.69 0.00
LOVETT___4 23642	25.89 1.03 0.00	25.62 0.84 0.00	24.65 0.70 0.00	24.37 0.65 0.00	24.60 0.62 0.00	24.29 0.59 0.00	24.90 0.68 0.00	25.61 0.73 0.00	24.04 0.83 0.00	27.38 0.93 0.00	27.65 1.07 -0.17	30.43 1.53 -0.13	35.26 1.86 -0.68	38.75 2.28 -0.63	42.28 2.72 -0.69	45.72 3.17 -0.67	49.86 3.39 0.00	56.06 3.68 -0.33	38.96 2.41 0.00	36.66 2.19 0.00	37.71 2.15 0.00	34.57 1.79 0.00	41.84 2.03 0.00	35.53 1.69 0.00
LOVETT___5 23593	25.89 1.03 0.00	25.62 0.84 0.00	24.65 0.70 0.00	24.37 0.65 0.00	24.60 0.62 0.00	24.29 0.59 0.00	24.90 0.68 0.00	25.61 0.73 0.00	24.04 0.83 0.00	27.38 0.93 0.00	27.65 1.07 -0.17	30.43 1.53 -0.13	35.26 1.86 -0.68	38.75 2.28 -0.63	42.28 2.72 -0.69	45.72 3.17 -0.67	49.86 3.39 0.00	56.06 3.68 -0.33	38.96 2.41 0.00	36.66 2.19 0.00	37.71 2.15 0.00	34.57 1.79 0.00	41.84 2.03 0.00	35.53 1.69 0.00
LOWER RAQUET___HYD 24057	23.68 -1.18 0.00	24.07 -0.72 0.00	23.32 -0.62 0.00	23.18 -0.55 0.00	23.51 -0.46 0.00	23.28 -0.42 0.00	23.88 -0.34 0.00	24.65 -0.23 0.00	22.77 -0.43 0.00	25.96 -0.49 -0.01	25.59 -0.93 -0.10	27.59 -1.37 -0.18	31.45 -1.56 -0.30	34.07 -2.19 -0.41	36.85 -2.53 -0.51	39.62 -2.86 -0.60	44.42 -2.78 -0.74	50.20 -2.70 -0.84	35.25 -1.75 -0.44	33.30 -1.53 -0.36	34.58 -1.38 -0.40	31.98 -1.11 -0.32	38.89 -1.46 -0.53	32.90 -1.29 -0.34
LOWER___HUDSON 24059	25.69 0.83 0.00	25.61 0.82 0.00	24.79 0.84 0.00	24.56 0.83 0.00	24.75 0.77 0.00	24.44 0.73 0.00	24.95 0.73 0.00	25.57 0.69 0.00	23.84 0.63 0.00	26.97 0.53 0.00	26.71 0.52 0.23	29.31 0.70 0.17	32.46 0.69 0.94	35.74 0.77 0.87	38.93 1.00 0.95	42.21 1.25 0.92	47.95 1.48 0.00	53.07 1.46 0.45	37.75 1.19 0.00	35.65 1.19 0.00	36.86 1.30 0.00	33.84 1.07 0.00	41.18 1.37 0.00	35.03 1.18 0.00
LOWVILLE_115KV_TB2 356335	24.17 -0.70 0.00	24.81 0.02 0.00	24.13 0.18 0.00	24.05 0.32 0.00	24.30 0.33 0.00	24.06 0.36 0.00	24.59 0.37 0.00	25.24 0.36 0.00	23.48 0.28 0.00	26.78 0.31 -0.02	26.87 0.22 -0.23	29.39 0.20 -0.42	33.46 0.05 -0.70	36.75 -0.04 -0.95	39.97 -0.07 -1.16	42.78 -0.48 -1.38	48.29 0.12 -1.69	54.81 0.82 -1.93	38.25 0.68 -1.02	36.09 0.79 -0.84	37.48 1.00 -0.93	34.43 0.92 -0.73	41.61 0.57 -1.23	34.82 0.18 -0.79
LUTHERFT_115KV_GLOB_FND_222 355753	26.07 1.21 0.00	25.93 1.14 0.00	25.06 1.11 0.00	24.81 1.09 0.00	25.00 1.03 0.00	24.70 0.99 0.00	25.24 1.02 0.00	25.89 1.02 0.00	24.17 0.96 0.00	27.39 0.94 0.00	27.15 0.91 0.18	29.73 1.09 0.14	33.10 1.13 0.74	36.50 1.34 0.68	39.81 1.68 0.74	43.11 1.95 0.72	48.89 2.42 0.00	54.40 2.69 0.35	38.67 2.12 0.00	36.53 2.07 0.00	37.74 2.18 0.00	34.59 1.81 0.00	42.10 2.29 0.00	35.78 1.93 0.00



LUTHERNY_35_KV_BK2 355980	26.10 1.24 0.00	25.96 1.17 0.00	25.07 1.13 0.00	24.82 1.09 0.00	25.01 1.03 0.00	24.70 0.99 0.00	25.23 1.01 0.00	25.90 1.02 0.00	24.19 0.98 0.00	27.41 0.96 0.00	27.16 0.93 0.18	29.75 1.11 0.14	33.11 1.14 0.74	36.54 1.38 0.68	39.85 1.72 0.74	43.16 1.99 0.72	48.97 2.49 0.00	54.47 2.76 0.35	38.71 2.16 0.00	36.58 2.12 0.00	37.80 2.24 0.00	34.62 1.85 0.00	42.17 2.36 0.00	35.84 1.99 0.00
LWR__OSWEGATCHIE_HYD 23850	23.74 -1.13 0.00	24.27 -0.51 0.00	23.49 -0.46 0.00	23.39 -0.33 0.00	23.67 -0.30 0.00	23.45 -0.26 0.00	23.99 -0.23 0.00	24.69 -0.19 0.00	22.89 -0.31 0.00	26.13 -0.33 -0.01	26.02 -0.60 -0.20	28.34 -0.79 -0.36	32.31 -1.00 -0.60	35.35 -1.31 -0.82	38.43 -1.44 -1.00	41.28 -1.79 -1.18	46.44 -1.49 -1.46	52.55 -1.17 -1.66	36.73 -0.70 -0.88	34.70 -0.48 -0.72	36.04 -0.31 -0.80	33.18 -0.22 -0.63	40.19 -0.68 -1.06	33.76 -0.76 -0.68
LYONS_FALL_HYD 23570	24.68 -0.19 0.00	25.02 0.23 0.00	24.27 0.32 0.00	24.12 0.40 0.00	24.37 0.40 0.00	24.12 0.42 0.00	24.65 0.43 0.00	25.29 0.41 0.00	23.58 0.37 0.00	26.89 0.43 -0.01	26.97 0.38 -0.17	29.52 0.44 -0.30	33.62 0.40 -0.51	36.95 0.42 -0.69	40.21 0.49 -0.85	43.16 0.27 -1.00	48.45 0.73 -1.24	54.79 1.32 -1.41	38.29 0.99 -0.74	36.09 1.02 -0.61	37.38 1.14 -0.68	34.33 1.02 -0.54	41.55 0.84 -0.90	34.93 0.51 -0.58
MADISON__COUNTY_LFGE 323628	25.47 0.60 0.00	25.40 0.61 0.00	24.55 0.60 0.00	24.31 0.58 0.00	24.53 0.56 0.00	24.30 0.59 0.00	24.81 0.59 0.00	25.47 0.59 0.00	23.79 0.58 0.00	27.13 0.67 -0.01	27.27 0.67 -0.18	29.98 0.88 -0.32	34.27 1.02 -0.54	37.85 1.28 -0.73	41.30 1.53 -0.89	44.51 1.57 -1.06	49.63 1.86 -1.30	55.90 2.36 -1.48	39.00 1.66 -0.78	36.67 1.57 -0.64	37.87 1.60 -0.71	34.70 1.36 -0.56	42.23 1.48 -0.94	35.61 1.15 -0.60
MALONE__115KV_TB1 356076	24.08 -0.79 0.00	24.11 -0.68 0.00	23.42 -0.53 0.00	23.43 -0.30 0.00	23.92 -0.05 0.00	23.70 -0.01 0.00	24.39 0.17 0.00	25.26 0.38 0.00	23.42 0.21 0.00	26.71 0.26 0.00	26.47 0.05 0.00	28.52 -0.26 0.00	32.43 -0.28 0.00	35.01 -0.83 0.00	37.86 -1.01 0.00	40.74 -1.15 0.00	45.44 -1.03 0.00	51.38 -0.68 0.00	36.29 -0.26 0.00	34.27 -0.19 0.00	35.54 -0.02 0.00	32.85 0.07 0.00	39.84 0.03 0.00	33.87 0.02 0.00
MAPLEWOD_115KV_TB3 80458	25.68 0.82 0.00	25.58 0.79 0.00	24.72 0.78 0.00	24.49 0.76 0.00	24.69 0.72 0.00	24.39 0.69 0.00	24.90 0.68 0.00	25.53 0.65 0.00	23.83 0.63 0.00	26.92 0.48 0.00	26.77 0.53 0.17	29.33 0.69 0.13	32.71 0.72 0.72	35.94 0.76 0.66	39.14 0.99 0.72	42.44 1.26 0.71	47.94 1.47 0.00	53.25 1.53 0.34	37.72 1.16 0.00	35.59 1.13 0.00	36.76 1.20 0.00	33.77 1.00 0.00	41.03 1.22 0.00	34.88 1.03 0.00
MAPLE_RIDGE_WT_1 323574	24.17 -0.70 0.00	24.35 -0.44 0.00	23.66 -0.28 0.00	23.58 -0.15 0.00	23.91 -0.06 0.00	23.66 -0.05 0.00	24.19 -0.02 0.00	24.88 0.00 0.00	23.17 -0.04 0.00	26.40 -0.05 0.00	26.32 -0.10 0.00	28.60 -0.18 0.00	32.50 -0.21 0.00	35.48 -0.36 0.00	38.36 -0.52 0.00	41.23 -0.66 0.00	45.94 -0.54 0.00	51.60 -0.46 0.00	36.24 -0.31 0.00	34.20 -0.27 0.00	35.35 -0.21 0.00	32.58 -0.20 0.00	39.48 -0.33 0.00	33.52 -0.32 0.00
MAPLE_RIDGE_WT_2 323611	24.17 -0.70 0.00	24.35 -0.44 0.00	23.66 -0.28 0.00	23.58 -0.15 0.00	23.91 -0.06 0.00	23.66 -0.05 0.00	24.19 -0.02 0.00	24.88 0.00 0.00	23.17 -0.04 0.00	26.40 -0.05 0.00	26.32 -0.10 0.00	28.60 -0.18 0.00	32.50 -0.21 0.00	35.48 -0.36 0.00	38.36 -0.52 0.00	41.23 -0.66 0.00	45.94 -0.54 0.00	51.60 -0.46 0.00	36.24 -0.31 0.00	34.20 -0.27 0.00	35.35 -0.21 0.00	32.58 -0.20 0.00	39.48 -0.33 0.00	33.52 -0.32 0.00
MARBLE_RIVER_WT_PWR 323696	23.88 -0.99 0.00	23.78 -1.00 0.00	23.13 -0.82 0.00	23.25 -0.48 0.00	23.82 -0.15 0.00	23.58 -0.12 0.00	24.29 0.06 0.00	25.18 0.30 0.00	23.39 0.18 0.00	26.63 0.18 0.00	26.46 0.05 0.00	28.55 -0.23 0.00	32.47 -0.24 0.00	35.10 -0.74 0.00	37.94 -0.93 0.00	40.90 -0.98 0.00	45.54 -0.93 0.00	51.40 -0.66 0.00	36.32 -0.23 0.00	34.29 -0.17 0.00	35.51 -0.05 0.00	32.78 0.00 0.00	39.83 0.02 0.00	33.86 0.01 0.00
MARSHVLE_115KV_TB1 80742	26.39 1.53 0.00	26.27 1.49 0.00	25.32 1.38 0.00	25.10 1.37 0.00	25.40 1.43 0.00	25.13 1.43 0.00	25.65 1.43 0.00	26.21 1.33 0.00	24.40 1.19 0.00	28.07 1.62 0.00	28.08 1.77 0.10	30.35 1.65 0.08	34.25 1.97 0.43	37.75 2.31 0.40	41.15 2.72 0.43	44.17 2.71 0.42	49.64 3.16 0.00	55.76 3.90 0.20	39.47 2.91 0.00	37.25 2.79 0.00	38.46 2.90 0.00	35.41 2.63 0.00	42.96 3.15 0.00	36.46 2.61 0.00
MARSH_HILL_WT_PWR 323713	24.64 -0.22 0.00	24.51 -0.28 0.00	23.72 -0.22 0.00	23.56 -0.17 0.00	23.95 -0.02 0.00	23.82 0.11 0.00	24.57 0.35 0.00	25.32 0.44 0.00	23.72 0.51 0.00	27.44 0.99 -0.01	27.75 1.21 -0.12	30.61 1.61 -0.22	34.83 1.74 -0.38	38.85 2.50 -0.51	42.43 2.93 -0.63	45.18 2.55 -0.74	49.47 2.09 -0.91	55.55 2.45 -1.04	38.90 1.79 -0.55	36.62 1.70 -0.45	37.61 1.55 -0.50	34.49 1.32 -0.40	41.93 1.46 -0.67	35.63 1.35 -0.42
MCINTYRE_115KV_TB2 80467	24.57 -0.30 0.00	24.88 0.09 0.00	24.11 0.16 0.00	23.90 0.17 0.00	24.25 0.27 0.00	24.01 0.31 0.00	24.62 0.40 0.00	25.37 0.49 0.00	23.28 0.07 0.00	26.54 0.09 0.00	25.98 -0.44 0.00	27.88 -0.90 0.00	31.70 -1.01 0.00	34.15 -1.69 0.00	36.89 -1.98 0.00	39.57 -2.32 0.00	44.33 -2.14 0.00	50.13 -1.94 0.00	35.44 -1.11 0.00	33.80 -0.66 0.00	35.21 -0.35 0.00	32.66 -0.12 0.00	39.61 -0.20 0.00	33.62 -0.23 0.00
MECO____69_KV_BK1 80468	27.57 2.71 0.00	27.40 2.61 0.00	26.38 2.43 0.00	26.11 2.39 0.00	26.39 2.42 0.00	26.11 2.40 0.00	26.32 2.10 0.00	26.65 1.77 0.00	24.14 0.93 0.00	28.57 2.12 0.00	27.41 1.11 0.11	29.21 0.52 0.09	32.94 0.70 0.47	36.50 1.09 0.43	41.48 3.08 0.47	44.19 2.76 0.46	51.86 5.38 0.00	57.72 5.88 0.22	42.44 5.89 0.00	39.70 5.24 0.00	41.04 5.48 0.00	37.65 4.87 0.00	45.54 5.74 0.00	38.51 4.66 0.00
MENANDS__115KV_TB5 355628	25.54 0.68 0.00	25.44 0.65 0.00	24.60 0.65 0.00	24.37 0.64 0.00	24.57 0.60 0.00	24.27 0.57 0.00	24.78 0.56 0.00	25.41 0.53 0.00	23.71 0.51 0.00	26.76 0.31 0.00	26.61 0.37 0.17	29.16 0.51 0.13	32.49 0.50 0.72	35.70 0.52 0.66	38.86 0.71 0.72	42.12 0.94 0.70	47.59 1.12 0.00	52.79 1.07 0.34	37.39 0.83 0.00	35.29 0.83 0.00	36.45 0.89 0.00	33.49 0.71 0.00	40.70 0.89 0.00	34.60 0.75 0.00
MG INDUSTRY__DRP 24185	25.51 0.65 0.00	25.43 0.64 0.00	24.57 0.63 0.00	24.37 0.64 0.00	24.57 0.60 0.00	24.29 0.58 0.00	24.78 0.56 0.00	25.33 0.46 0.00	23.62 0.41 0.00	26.73 0.28 0.00	26.61 0.29 0.10	29.14 0.43 0.07	32.67 0.37 0.40	35.85 0.38 0.37	38.93 0.46 0.40	42.09 0.59 0.39	47.35 0.88 0.00	52.83 0.95 0.19	37.35 0.80 0.00	35.33 0.86 0.00	36.51 0.95 0.00	33.56 0.78 0.00	40.76 0.95 0.00	34.64 0.79 0.00



MID___OSWEGATCHIE_HYD 23849	23.74 -1.13 0.00	24.27 -0.51 0.00	23.49 -0.46 0.00	23.39 -0.33 0.00	23.67 -0.30 0.00	23.45 -0.26 0.00	23.99 -0.23 0.00	24.69 -0.19 0.00	22.89 -0.31 0.00	26.13 -0.33 -0.01	26.02 -0.60 -0.20	28.34 -0.79 -0.36	32.31 -1.00 -0.60	35.35 -1.31 -0.82	38.43 -1.44 -1.00	41.28 -1.79 -1.18	46.44 -1.49 -1.46	52.55 -1.17 -1.66	36.73 -0.70 -0.88	34.70 -0.48 -0.72	36.04 -0.31 -0.80	33.18 -0.22 -0.63	40.19 -0.68 -1.06	33.76 -0.76 -0.68
MID___RAQUETTE_HYD 23851	23.68 -1.18 0.00	24.07 -0.72 0.00	23.32 -0.62 0.00	23.18 -0.55 0.00	23.51 -0.46 0.00	23.28 -0.42 0.00	23.88 -0.34 0.00	24.65 -0.23 0.00	22.78 -0.43 0.00	25.96 -0.49 -0.01	25.59 -0.93 -0.10	27.59 -1.37 -0.18	31.46 -1.56 -0.30	34.07 -2.18 -0.41	36.85 -2.53 -0.51	39.62 -2.86 -0.60	44.42 -2.78 -0.74	50.20 -2.70 -0.84	35.25 -1.75 -0.44	33.30 -1.53 -0.36	34.58 -1.38 -0.40	31.98 -1.11 -0.32	38.89 -1.46 -0.53	32.91 -1.29 -0.34
MILLIKEN___1 23584	25.38 0.52 0.00	25.22 0.43 0.00	24.32 0.37 0.00	24.08 0.36 0.00	24.31 0.34 0.00	24.08 0.37 0.00	24.59 0.37 0.00	25.26 0.38 0.00	23.60 0.39 0.00	27.01 0.53 -0.03	27.39 0.61 -0.37	30.27 0.83 -0.66	34.80 0.97 -1.12	38.66 1.31 -1.51	42.34 1.61 -1.86	45.83 1.75 -2.19	50.83 1.66 -2.70	57.30 2.17 -3.07	39.74 1.56 -1.63	37.24 1.45 -1.34	38.44 1.40 -1.48	35.11 1.16 -1.17	43.06 1.29 -1.97	36.15 1.05 -1.26
MILLIKEN___2 23585	25.38 0.52 0.00	25.22 0.43 0.00	24.32 0.37 0.00	24.08 0.36 0.00	24.31 0.34 0.00	24.08 0.37 0.00	24.59 0.37 0.00	25.26 0.38 0.00	23.60 0.39 0.00	27.01 0.53 -0.03	27.39 0.61 -0.37	30.27 0.83 -0.66	34.80 0.97 -1.12	38.66 1.31 -1.51	42.34 1.61 -1.86	45.83 1.75 -2.19	50.83 1.66 -2.70	57.30 2.17 -3.07	39.74 1.56 -1.63	37.24 1.45 -1.34	38.44 1.40 -1.48	35.11 1.16 -1.17	43.06 1.29 -1.97	36.15 1.05 -1.26
MILLIKEN___DIESEL 23629	25.38 0.52 0.00	25.22 0.43 0.00	24.32 0.37 0.00	24.08 0.36 0.00	24.31 0.34 0.00	24.08 0.37 0.00	24.59 0.37 0.00	25.26 0.38 0.00	23.60 0.39 0.00	27.01 0.53 -0.03	27.39 0.61 -0.37	30.27 0.83 -0.66	34.80 0.97 -1.12	38.66 1.31 -1.51	42.34 1.61 -1.86	45.83 1.75 -2.19	50.83 1.66 -2.70	57.30 2.17 -3.07	39.74 1.56 -1.63	37.24 1.45 -1.34	38.44 1.40 -1.48	35.11 1.16 -1.17	43.06 1.29 -1.97	36.15 1.05 -1.26
MILLSEAT___LFGE 323607	25.25 0.39 0.00	25.16 0.37 0.00	24.24 0.29 0.00	23.81 0.08 0.00	24.03 0.05 0.00	23.79 0.09 0.00	24.46 0.24 0.00	25.02 0.14 0.00	23.35 0.14 0.00	27.21 0.77 0.00	27.48 1.07 0.00	30.26 1.48 0.00	34.48 1.77 0.00	38.27 2.43 0.00	41.77 2.90 0.00	44.13 2.24 0.00	47.92 1.44 0.00	53.82 1.76 0.00	37.76 1.20 0.00	35.56 1.10 0.00	36.38 0.82 0.00	33.51 0.73 0.00	40.54 0.73 0.00	34.79 0.95 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	25.98 1.12 0.00	25.73 0.94 0.00	24.75 0.80 0.00	24.48 0.75 0.00	24.69 0.72 0.00	24.39 0.68 0.00	24.99 0.76 0.00	25.69 0.82 0.00	24.13 0.92 0.00	27.46 1.01 0.00	27.72 1.13 -0.18	30.49 1.58 -0.14	35.34 1.89 -0.74	38.80 2.28 -0.68	42.34 2.72 -0.74	45.76 3.15 -0.72	49.86 3.39 0.00	56.10 3.69 -0.35	38.97 2.42 0.00	36.68 2.22 0.00	37.75 2.19 0.00	34.62 1.85 0.00	41.92 2.11 0.00	35.62 1.78 0.00
MILLWOOD_13_KV_LOAD 356217	26.05 1.19 0.00	25.79 1.00 0.00	24.81 0.86 0.00	24.54 0.81 0.00	24.75 0.78 0.00	24.45 0.75 0.00	25.05 0.83 0.00	25.76 0.88 0.00	24.20 0.99 0.00	27.54 1.10 0.00	27.81 1.21 -0.18	30.60 1.68 -0.14	35.46 2.01 -0.74	38.93 2.41 -0.68	42.49 2.87 -0.74	45.94 3.33 -0.72	50.05 3.58 0.00	56.35 3.94 -0.35	39.14 2.59 0.00	36.83 2.37 0.00	37.89 2.33 0.00	34.75 1.98 0.00	42.07 2.26 0.00	35.75 1.90 0.00
MODEL_CITY_ENERGY 24167	24.31 -0.55 0.00	24.29 -0.50 0.00	23.42 -0.52 0.00	23.02 -0.71 0.00	23.23 -0.74 0.00	23.02 -0.69 0.00	23.68 -0.54 0.00	24.20 -0.68 0.00	22.60 -0.61 0.00	26.37 -0.07 0.00	26.66 0.24 0.00	29.27 0.49 0.00	33.30 0.59 0.00	36.95 1.11 0.00	40.34 1.47 0.00	42.55 0.67 0.00	46.12 -0.35 0.00	51.64 -0.42 0.00	36.22 -0.34 0.00	34.16 -0.31 0.00	34.94 -0.62 0.00	32.23 -0.55 0.00	39.06 -0.75 0.00	33.62 -0.23 0.00
MODERN_LFGE___ 323580	24.31 -0.55 0.00	24.29 -0.50 0.00	23.42 -0.52 0.00	23.02 -0.71 0.00	23.23 -0.74 0.00	23.02 -0.69 0.00	23.68 -0.54 0.00	24.20 -0.68 0.00	22.60 -0.61 0.00	26.37 -0.07 0.00	26.66 0.24 0.00	29.27 0.49 0.00	33.30 0.59 0.00	36.95 1.11 0.00	40.34 1.47 0.00	42.55 0.67 0.00	46.12 -0.35 0.00	51.64 -0.42 0.00	36.22 -0.34 0.00	34.16 -0.31 0.00	34.94 -0.62 0.00	32.23 -0.55 0.00	39.06 -0.75 0.00	33.62 -0.23 0.00
MOHAWK_PAPER___DRP 24187	25.68 0.82 0.00	25.58 0.79 0.00	24.72 0.78 0.00	24.49 0.76 0.00	24.69 0.72 0.00	24.39 0.69 0.00	24.90 0.68 0.00	25.53 0.65 0.00	23.83 0.63 0.00	26.92 0.48 0.17	26.77 0.53 0.17	29.33 0.69 0.13	32.71 0.72 0.72	35.94 0.76 0.66	39.14 0.99 0.72	42.44 1.26 0.71	47.94 1.47 0.00	53.25 1.53 0.34	37.72 1.16 0.00	35.59 1.13 0.00	36.76 1.20 0.00	33.77 1.00 0.00	41.03 1.22 0.00	34.88 1.03 0.00
MOHICAN___35_KV_115KV_LD 80490	26.28 1.41 0.00	26.12 1.34 0.00	25.24 1.29 0.00	25.00 1.27 0.00	25.14 1.17 0.00	24.83 1.12 0.00	25.42 1.20 0.00	26.12 1.24 0.00	24.37 1.16 0.00	27.55 1.10 0.17	27.17 0.93 0.17	29.77 1.13 0.13	33.05 1.06 0.73	36.56 1.39 0.67	39.86 1.71 0.73	43.23 2.05 0.71	49.16 2.68 0.00	54.77 3.06 0.34	39.22 2.67 0.00	37.12 2.66 0.00	38.32 2.76 0.00	34.99 2.21 0.00	42.73 2.92 0.00	36.33 2.48 0.00
MONGAUP___HYD 23641	26.12 1.25 0.00	25.89 1.10 0.00	24.90 0.96 0.00	24.63 0.90 0.00	24.83 0.86 0.00	24.55 0.84 0.00	25.10 0.88 0.00	25.80 0.92 0.00	24.15 0.94 0.00	27.39 0.94 0.00	27.75 1.19 -0.14	30.43 1.54 -0.11	35.06 1.75 -0.60	38.42 2.03 -0.55	41.51 2.04 -0.60	45.17 2.70 -0.58	49.96 3.48 0.00	55.99 3.64 -0.28	39.32 2.77 0.00	37.14 2.67 0.00	38.36 2.80 0.00	35.17 2.40 0.00	42.54 2.73 0.00	36.07 2.22 0.00
MONTAUK___DIESEL 23721	27.69 2.83 0.00	28.47 2.55 -1.13	26.18 2.23 0.00	25.82 2.09 0.00	26.02 2.05 0.00	25.56 1.85 0.00	26.26 2.05 0.00	27.04 2.16 0.00	25.62 2.41 0.00	29.19 2.74 0.00	29.01 2.41 -0.18	31.76 2.85 -0.14	37.00 3.54 -0.75	40.37 3.84 -0.69	44.27 4.64 -0.75	47.12 4.50 -0.73	51.77 4.87 -0.42	58.26 5.85 -0.35	40.94 4.38 0.00	38.51 4.04 0.00	38.74 3.18 0.00	48.17 2.42 -12.97	43.29 3.24 -0.24	36.59 2.75 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	24.91 0.04 0.00	25.03 0.24 0.00	24.17 0.22 0.00	23.86 0.13 0.00	24.11 0.14 0.00	24.02 0.31 0.00	24.73 0.51 0.00	25.61 0.73 0.00	23.93 0.72 0.00	27.88 1.44 0.00	28.20 1.79 0.00	31.10 2.32 0.00	35.28 2.57 0.00	39.38 3.53 0.00	42.89 4.01 0.00	45.39 3.50 0.00	49.07 2.60 0.00	55.18 3.12 0.00	38.61 2.06 0.00	36.41 1.95 0.00	37.23 1.67 0.00	34.22 1.44 0.00	41.43 1.62 0.00	35.45 1.60 0.00



MORTIMER_115KV_TB3 55949	25.12 0.26 0.00	25.02 0.23 0.00	24.11 0.17 0.00	23.75 0.02 0.00	23.97 0.00 0.00	23.72 0.02 0.00	24.24 0.02 0.00	24.91 0.04 0.00	23.27 0.06 0.00	26.99 0.55 0.00	27.21 0.80 0.00	29.88 1.10 0.00	34.03 1.32 0.00	37.66 1.82 0.00	41.08 2.21 0.00	43.67 1.78 0.00	47.74 1.27 0.00	53.51 1.45 0.00	37.46 0.91 0.00	35.26 0.79 0.00	36.17 0.61 0.00	33.28 0.51 0.00	40.31 0.50 0.00	34.43 0.58 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	26.16 1.30 0.00	25.89 1.10 0.00	24.90 0.95 0.00	24.63 0.90 0.00	24.84 0.87 0.00	24.55 0.84 0.00	25.15 0.93 0.00	25.87 0.99 0.00	24.32 1.11 0.00	27.70 1.25 0.00	27.97 1.37 -0.18	30.78 1.86 -0.14	35.62 2.17 -0.75	39.13 2.60 -0.69	42.68 3.06 -0.75	46.13 3.52 -0.73	50.23 3.75 0.00	56.53 4.12 -0.35	39.22 2.67 0.00	36.92 2.46 0.00	38.01 2.45 0.00	34.86 2.08 0.00	42.19 2.38 0.00	35.88 2.03 0.00
MUNSVILLE_WIND_PWR 323609	26.01 1.14 0.00	25.77 0.98 0.00	24.95 1.00 0.00	24.80 1.07 0.00	25.16 1.19 0.00	25.03 1.33 0.00	25.63 1.41 0.00	26.41 1.53 0.00	24.78 1.58 0.00	28.30 1.84 -0.02	28.58 1.92 -0.23	31.50 2.30 -0.42	35.99 2.57 -0.70	40.17 3.38 -0.96	43.72 3.68 -1.17	47.45 4.18 -1.38	52.61 4.43 -1.71	59.45 5.45 -1.94	41.72 4.14 -1.03	39.25 3.95 -0.84	40.46 3.97 -0.93	36.94 3.42 -0.74	44.97 3.92 -1.24	37.86 3.22 -0.79
N SALMON___HYD 24042	24.08 -0.79 0.00	24.11 -0.68 0.00	23.42 -0.53 0.00	23.43 -0.31 0.00	23.92 -0.05 0.00	23.70 -0.01 0.00	24.39 0.17 0.00	25.26 0.38 0.00	23.42 0.21 0.00	26.71 0.26 0.00	26.47 0.05 0.00	28.52 -0.26 0.00	32.42 -0.28 0.00	35.00 -0.83 0.00	37.86 -1.01 0.00	40.74 -1.15 0.00	45.44 -1.03 0.00	51.38 -0.68 0.00	36.30 -0.26 0.00	34.27 -0.19 0.00	35.54 -0.02 0.00	32.85 0.07 0.00	39.85 0.04 0.00	33.87 0.02 0.00
N.AKRON___115KV_KNAPP 355671	25.12 0.26 0.00	25.05 0.26 0.00	24.13 0.18 0.00	23.71 -0.02 0.00	23.92 -0.05 0.00	23.69 -0.01 0.00	24.25 0.03 0.00	24.92 0.04 0.00	23.27 0.06 0.00	27.15 0.71 0.00	27.43 1.01 0.00	30.18 1.40 0.00	34.35 1.64 0.00	38.12 2.28 0.00	41.64 2.76 0.00	43.96 2.08 0.00	47.70 1.22 0.00	53.54 1.48 0.00	37.53 0.98 0.00	35.38 0.92 0.00	36.20 0.64 0.00	33.33 0.55 0.00	40.35 0.54 0.00	34.64 0.79 0.00
N.BELMOR_69_KV_BK1 55787	26.54 1.68 0.00	27.42 1.51 -1.13	25.25 1.30 0.00	24.94 1.21 0.00	25.17 1.20 0.00	24.82 1.12 0.00	25.44 1.22 0.00	26.12 1.24 0.00	24.58 1.37 0.00	27.96 1.51 0.00	27.94 1.35 -0.18	30.82 1.90 -0.14	35.92 2.47 -0.75	39.43 2.91 -0.69	43.06 3.43 -0.75	46.38 3.76 -0.73	51.07 4.18 -0.42	57.00 4.59 -0.35	39.72 3.17 0.00	37.35 2.89 0.00	38.31 2.75 0.00	48.17 2.42 -12.97	43.06 3.01 -0.24	36.43 2.58 0.00
N.E_GEN_SANDY PD 24062	25.65 0.79 0.00	25.54 0.75 0.00	24.67 0.73 0.00	24.42 0.69 0.00	24.60 0.63 0.00	24.31 0.60 0.00	24.84 0.62 0.00	25.30 0.61 0.18	23.80 0.59 0.00	26.95 0.50 0.00	25.61 0.51 1.32	28.54 0.76 1.00	28.09 0.82 5.44	31.79 0.95 5.00	34.62 1.20 5.46	38.07 1.51 5.32	48.15 1.67 0.00	51.07 1.59 2.58	37.95 1.19 -0.20	35.61 1.15 0.00	37.42 1.22 -0.64	33.76 0.99 0.00	40.14 1.24 0.90	36.68 1.09 -1.75
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	25.95 1.08 0.00	25.67 0.88 0.00	24.68 0.73 0.00	24.41 0.68 0.00	24.63 0.66 0.00	24.33 0.62 0.00	24.94 0.72 0.00	25.65 0.77 0.00	24.09 0.88 0.00	27.44 0.99 0.00	27.71 1.13 -0.16	30.52 1.62 -0.13	35.37 1.97 -0.68	38.87 2.41 -0.63	42.43 2.87 -0.68	45.89 3.34 -0.67	50.05 3.58 0.00	56.30 3.91 -0.32	39.12 2.56 0.00	36.79 2.33 0.00	37.82 2.26 0.00	34.68 1.90 0.00	41.96 2.15 0.00	35.63 1.78 0.00
N.QUEENS_27_KV_LOAD 356247	26.25 1.39 0.00	25.99 1.20 0.00	24.98 1.04 0.00	24.71 0.98 0.00	24.95 0.98 0.00	24.63 0.92 0.00	25.24 1.02 0.00	25.99 1.11 0.00	24.42 1.21 0.00	27.79 1.35 0.00	28.04 1.45 -0.18	30.81 1.90 -0.14	35.70 2.24 -0.75	39.24 2.72 -0.69	42.81 3.19 -0.75	46.27 3.65 -0.73	50.42 3.95 0.00	56.73 4.32 -0.35	39.31 2.76 0.00	36.98 2.51 0.00	38.03 2.47 0.00	34.91 2.13 0.00	42.19 2.38 0.00	35.92 2.07 0.00
N.TROY___115KV_TB1 355778	25.69 0.83 0.00	25.61 0.82 0.00	24.79 0.84 0.00	24.56 0.83 0.00	24.74 0.77 0.00	24.44 0.73 0.00	24.96 0.74 0.00	25.57 0.70 0.00	23.84 0.63 0.00	26.97 0.53 0.00	26.71 0.53 0.23	29.31 0.70 0.17	32.46 0.69 0.94	35.75 0.77 0.87	38.93 1.00 0.95	42.21 1.25 0.92	47.95 1.48 0.00	53.07 1.46 0.45	37.75 1.19 0.00	35.65 1.19 0.00	36.86 1.30 0.00	33.85 1.07 0.00	41.18 1.38 0.00	35.03 1.18 0.00
NARROWS_GT1_1 24228	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.31 1.09 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.32 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.17 2.61 0.00	35.06 2.28 0.00	42.35 2.55 0.00	36.06 2.21 0.00
NARROWS_GT1_2 24229	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.31 1.09 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.32 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.17 2.61 0.00	35.06 2.28 0.00	42.35 2.55 0.00	36.06 2.21 0.00
NARROWS_GT1_3 24230	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.31 1.09 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.32 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.17 2.61 0.00	35.06 2.28 0.00	42.35 2.55 0.00	36.06 2.21 0.00
NARROWS_GT1_4 24231	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.31 1.09 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.32 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.17 2.61 0.00	35.06 2.28 0.00	42.35 2.55 0.00	36.06 2.21 0.00
NARROWS_GT1_5 24232	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.31 1.09 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.32 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.17 2.61 0.00	35.06 2.28 0.00	42.35 2.55 0.00	36.06 2.21 0.00



NARROWS_GT1_6 24233	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.31 1.09 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.32 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.17 2.61 0.00	35.06 2.28 0.00	42.35 2.55 0.00	36.06 2.21 0.00
NARROWS_GT1_7 24234	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.31 1.09 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.32 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.17 2.61 0.00	35.06 2.28 0.00	42.35 2.55 0.00	36.06 2.21 0.00
NARROWS_GT1_8 24235	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.31 1.09 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.32 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.17 2.61 0.00	35.06 2.28 0.00	42.35 2.55 0.00	36.06 2.21 0.00
NARROWS_GT2_1 24236	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.31 1.09 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.32 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.17 2.61 0.00	35.06 2.28 0.00	42.35 2.55 0.00	36.06 2.21 0.00
NARROWS_GT2_2 24237	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.31 1.09 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.32 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.17 2.61 0.00	35.06 2.28 0.00	42.35 2.55 0.00	36.06 2.21 0.00
NARROWS_GT2_3 24238	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.31 1.09 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.32 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.17 2.61 0.00	35.06 2.28 0.00	42.35 2.55 0.00	36.06 2.21 0.00
NARROWS_GT2_4 24239	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.31 1.09 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.32 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.17 2.61 0.00	35.06 2.28 0.00	42.35 2.55 0.00	36.06 2.21 0.00
NARROWS_GT2_5 24240	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.31 1.09 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.32 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.17 2.61 0.00	35.06 2.28 0.00	42.35 2.55 0.00	36.06 2.21 0.00
NARROWS_GT2_6 24241	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.31 1.09 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.32 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.17 2.61 0.00	35.06 2.28 0.00	42.35 2.55 0.00	36.06 2.21 0.00
NARROWS_GT2_7 24242	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.31 1.09 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.32 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.17 2.61 0.00	35.06 2.28 0.00	42.35 2.55 0.00	36.06 2.21 0.00
NARROWS_GT2_8 24243	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.31 1.09 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.32 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.17 2.61 0.00	35.06 2.28 0.00	42.35 2.55 0.00	36.06 2.21 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	26.18 1.32 0.00	26.06 1.28 0.00	25.19 1.24 0.00	24.96 1.23 0.00	25.15 1.18 0.00	24.87 1.16 0.00	25.37 1.15 0.00	25.95 1.07 0.00	24.16 0.96 0.00	27.34 0.89 0.00	27.22 0.87 0.07	29.83 1.11 0.05	33.44 0.99 0.27	36.69 1.09 0.24	39.65 1.04 0.27	43.04 1.42 0.26	48.30 1.82 0.00	54.29 2.35 0.13	38.43 1.87 0.00	36.41 1.95 0.00	37.69 2.13 0.00	34.59 1.81 0.00	41.99 2.18 0.00	35.63 1.78 0.00
NCHELSEA_115KV_TR2 355582	26.13 1.27 0.00	25.88 1.09 0.00	24.90 0.95 0.00	24.63 0.90 0.00	24.84 0.86 0.00	24.54 0.84 0.00	25.14 0.92 0.00	25.84 0.96 0.00	24.26 1.05 0.00	27.62 1.17 0.00	27.87 1.31 -0.14	30.66 1.77 -0.11	35.38 2.09 -0.58	38.88 2.51 -0.53	42.38 2.93 -0.58	45.86 3.41 -0.57	50.16 3.69 0.00	56.48 4.15 -0.27	39.34 2.78 0.00	37.03 2.57 0.00	38.11 2.55 0.00	34.94 2.17 0.00	42.29 2.49 0.00	35.91 2.06 0.00
NEG CAPITAL___MECHNVIL 23645	26.09 1.23 0.00	25.96 1.17 0.00	25.10 1.15 0.00	24.84 1.11 0.00	25.03 1.06 0.00	24.73 1.02 0.00	25.25 1.03 0.00	25.92 1.04 0.00	24.18 0.97 0.00	27.41 0.96 0.00	27.16 0.94 0.20	29.78 1.15 0.15	33.10 1.20 0.81	36.49 1.40 0.75	39.80 1.75 0.81	43.13 2.04 0.79	48.99 2.51 0.00	54.45 2.78 0.38	38.71 2.16 0.00	36.56 2.10 0.00	37.77 2.21 0.00	34.62 1.84 0.00	42.11 2.30 0.00	35.78 1.93 0.00
NEG CENTRAL_HIGH_ACRES 23767	24.72 -0.15 0.00	24.61 -0.17 0.00	23.71 -0.24 0.00	23.37 -0.36 0.00	23.58 -0.39 0.00	23.33 -0.38 0.00	23.88 -0.34 0.00	24.48 -0.40 0.00	22.89 -0.32 0.00	26.49 0.04 0.00	26.69 0.27 0.00	29.31 0.53 0.00	33.37 0.66 0.00	36.90 1.05 0.00	40.23 1.36 0.00	42.86 0.97 0.00	46.96 0.49 0.00	52.65 0.59 0.00	36.86 0.31 0.00	34.66 0.20 0.00	35.58 0.02 0.00	32.73 -0.05 0.00	39.63 -0.17 0.00	33.80 -0.05 0.00



NEG CENTRAL___DRP 24199	25.18 0.32 0.00	25.02 0.24 0.00	24.13 0.18 0.00	23.85 0.12 0.00	24.08 0.10 0.00	23.84 0.13 0.00	24.37 0.15 0.00	25.04 0.17 0.00	23.40 0.19 0.00	26.92 0.44 -0.03	27.39 0.59 -0.38	30.31 0.85 -0.67	34.84 0.99 -1.14	38.83 1.44 -1.54	42.57 1.81 -1.89	45.82 1.70 -2.24	50.65 1.42 -2.76	56.96 1.77 -3.13	39.45 1.24 -1.66	36.91 1.09 -1.36	38.05 0.98 -1.50	34.75 0.78 -1.19	42.62 0.81 -2.00	35.81 0.68 -1.28
NEG CENTRAL___INDECK 23768	25.82 0.95 0.00	25.66 0.88 0.00	24.74 0.79 0.00	24.41 0.68 0.00	24.68 0.71 0.00	24.49 0.78 0.00	25.17 0.95 0.00	25.86 0.98 0.00	24.05 0.84 0.00	27.71 1.26 0.00	27.99 1.58 0.00	30.76 1.98 0.00	35.01 2.30 0.00	38.93 3.09 0.00	42.47 3.59 0.00	45.26 3.37 0.00	49.48 3.01 0.00	55.18 3.12 0.00	39.00 2.44 0.00	36.84 2.37 0.00	37.91 2.35 0.00	34.89 2.11 0.00	42.16 2.35 0.00	35.95 2.11 0.00
NEG CENTRAL___SENECA 23627	25.32 0.46 0.00	25.15 0.37 0.00	24.25 0.30 0.00	23.96 0.23 0.00	24.19 0.22 0.00	23.98 0.27 0.00	24.52 0.30 0.00	25.24 0.36 0.00	23.57 0.37 0.00	27.18 0.72 -0.01	27.48 0.86 -0.20	30.29 1.15 -0.36	34.65 1.34 -0.60	38.57 1.92 -0.82	42.23 2.36 -1.00	45.25 2.18 -1.18	49.78 1.84 -1.46	56.02 2.30 -1.66	39.06 1.63 -0.88	36.63 1.45 -0.72	37.67 1.31 -0.80	34.50 1.09 -0.63	42.02 1.15 -1.06	35.52 0.99 -0.68
NEG CENTRAL___STATE_STREET 24147	25.14 0.27 0.00	25.00 0.21 0.00	24.11 0.17 0.00	23.86 0.13 0.00	24.08 0.10 0.00	23.82 0.11 0.00	24.32 0.10 0.00	24.95 0.07 0.00	23.32 0.11 0.00	26.75 0.27 -0.03	27.27 0.35 -0.51	30.26 0.58 -0.90	34.95 0.73 -1.52	38.93 1.03 -2.06	42.73 1.33 -2.52	46.20 1.33 -2.98	51.30 1.15 -3.67	57.77 1.54 -4.18	39.81 1.05 -2.21	37.20 0.92 -1.81	38.42 0.85 -2.01	35.04 0.67 -1.59	43.16 0.68 -2.67	36.10 0.55 -1.71
NEG MILLWOOD___DRP 24198	26.20 1.33 0.00	25.95 1.16 0.00	24.95 1.00 0.00	24.67 0.94 0.00	24.88 0.91 0.00	24.59 0.88 0.00	25.18 0.97 0.00	25.91 1.03 0.00	24.34 1.13 0.00	27.72 1.27 -0.16	28.00 1.42 -0.12	30.79 1.89 -0.65	35.61 2.25 -0.60	39.13 2.69 -0.60	42.70 3.17 -0.65	46.18 3.65 -0.64	50.43 3.95 0.00	56.79 4.42 -0.31	39.52 2.96 0.00	37.18 2.72 0.00	38.25 2.69 0.00	35.05 2.28 0.00	42.43 2.62 0.00	36.03 2.18 0.00
NEG NORTH_FLCN_SEA 23793	24.14 -0.72 0.00	24.03 -0.76 0.00	23.38 -0.57 0.00	23.49 -0.24 0.00	24.09 0.12 0.00	23.85 0.14 0.00	24.57 0.35 0.00	25.50 0.63 0.00	23.70 0.49 0.00	26.93 0.48 0.00	26.80 0.39 0.00	28.95 0.17 0.00	32.89 0.18 0.00	35.54 -0.30 0.00	38.51 -0.36 0.00	41.51 -0.37 0.00	46.17 -0.30 0.00	52.11 0.05 0.00	36.89 0.33 0.00	34.85 0.38 0.00	36.09 0.53 0.00	33.26 0.49 0.00	40.43 0.62 0.00	34.37 0.52 0.00
NEG NORTH_KES_CHATEGAY 23792	23.95 -0.91 0.00	23.91 -0.87 0.00	23.27 -0.67 0.00	23.33 -0.40 0.00	23.84 -0.13 0.00	23.61 -0.09 0.00	24.31 0.09 0.00	25.17 0.29 0.00	23.35 0.14 0.00	26.58 0.13 0.00	26.38 -0.04 0.00	28.42 -0.36 0.00	32.34 -0.37 0.00	34.93 -0.90 0.00	37.74 -1.13 0.00	40.66 -1.23 0.00	45.31 -1.16 0.00	51.15 -0.91 0.00	36.18 -0.37 0.00	34.15 -0.32 0.00	35.43 -0.13 0.00	32.73 -0.04 0.00	39.78 -0.03 0.00	33.82 -0.03 0.00
NEG NORTH___ALICE_FALLS 23915	24.18 -0.69 0.00	24.07 -0.72 0.00	23.39 -0.55 0.00	23.50 -0.23 0.00	24.09 0.12 0.00	23.85 0.14 0.00	24.57 0.35 0.00	25.48 0.61 0.00	23.68 0.47 0.00	26.93 0.48 0.00	26.80 0.38 0.00	28.94 0.17 0.00	32.89 0.18 0.00	35.56 -0.28 0.00	38.49 -0.38 0.00	41.50 -0.39 0.00	46.22 -0.25 0.00	52.17 0.11 0.00	36.94 0.39 0.00	34.90 0.44 0.00	36.17 0.61 0.00	33.33 0.56 0.00	40.48 0.67 0.00	34.40 0.56 0.00
NEG NORTH___LWR_SARANAC 23913	24.18 -0.69 0.00	24.07 -0.72 0.00	23.39 -0.55 0.00	23.50 -0.23 0.00	24.09 0.12 0.00	23.85 0.14 0.00	24.57 0.35 0.00	25.48 0.61 0.00	23.68 0.47 0.00	26.93 0.48 0.00	26.80 0.38 0.00	28.94 0.17 0.00	32.89 0.18 0.00	35.56 -0.28 0.00	38.49 -0.38 0.00	41.50 -0.39 0.00	46.22 -0.25 0.00	52.17 0.11 0.00	36.94 0.39 0.00	34.90 0.44 0.00	36.17 0.61 0.00	33.33 0.56 0.00	40.48 0.67 0.00	34.40 0.56 0.00
NEG NORTH___PLATTSBURG 23628	24.18 -0.69 0.00	24.07 -0.72 0.00	23.39 -0.55 0.00	23.50 -0.23 0.00	24.09 0.12 0.00	23.85 0.14 0.00	24.56 0.34 0.00	25.48 0.61 0.00	23.68 0.47 0.00	26.93 0.48 0.00	26.80 0.38 0.00	28.94 0.17 0.00	32.89 0.18 0.00	35.56 -0.28 0.00	38.49 -0.38 0.00	41.50 -0.39 0.00	46.22 -0.26 0.00	52.17 0.11 0.00	36.94 0.39 0.00	34.90 0.44 0.00	36.17 0.60 0.00	33.33 0.56 0.00	40.48 0.67 0.00	34.40 0.56 0.00
NEG WEST_LEA_LOCKPORT 23791	24.59 -0.28 0.00	24.56 -0.23 0.00	23.69 -0.26 0.00	23.27 -0.46 0.00	23.50 -0.47 0.00	23.28 -0.43 0.00	23.82 -0.40 0.00	24.49 -0.39 0.00	22.87 -0.34 0.00	26.70 0.26 0.00	26.98 0.56 0.00	29.64 0.86 0.00	33.70 0.99 0.00	37.41 1.57 0.00	40.85 1.98 0.00	43.11 1.22 0.00	46.73 0.25 0.00	52.34 0.28 0.00	36.67 0.12 0.00	34.59 0.13 0.00	35.40 -0.16 0.00	32.62 -0.16 0.00	39.53 -0.28 0.00	34.01 0.16 0.00
NEG WEST___LANCASTR 23811	24.81 -0.05 0.00	24.74 -0.05 0.00	23.84 -0.10 0.00	23.48 -0.25 0.00	23.72 -0.25 0.00	23.51 -0.20 0.00	24.07 -0.15 0.00	24.82 -0.06 0.00	23.18 -0.02 0.00	27.00 0.55 0.00	27.26 0.84 0.00	29.96 1.19 0.00	34.00 1.29 0.00	37.86 2.02 0.00	41.31 2.44 0.00	43.71 1.82 0.00	47.45 0.98 0.00	53.13 1.07 0.00	37.17 0.62 0.00	35.04 0.58 0.00	35.86 0.30 0.00	33.02 0.24 0.00	40.05 0.24 0.00	34.31 0.46 0.00
NEG_PENN_ALLEGHNY 23528	25.08 0.21 0.00	24.90 0.11 0.00	24.01 0.07 0.00	23.79 0.06 0.00	24.01 0.04 0.00	23.79 0.08 0.00	24.32 0.10 0.00	25.01 0.13 0.00	23.38 0.17 0.00	26.80 0.33 -0.02	27.11 0.47 -0.23	29.91 0.73 -0.40	34.19 0.80 -0.67	38.05 1.29 -0.92	41.56 1.56 -1.13	44.76 1.54 -1.33	49.40 1.29 -1.64	55.47 1.55 -1.86	38.57 1.04 -0.99	36.21 0.94 -0.81	37.30 0.84 -0.89	34.15 0.66 -0.71	41.75 0.75 -1.19	35.23 0.62 -0.76
NEG___GEN_MONROE 24207	25.46 0.59 0.00	25.29 0.50 0.00	24.36 0.41 0.00	23.97 0.24 0.00	24.15 0.18 0.00	23.91 0.20 0.00	24.47 0.25 0.00	25.11 0.23 0.00	23.45 0.24 0.00	27.20 0.75 0.00	27.43 1.02 0.00	30.15 1.37 0.00	34.35 1.64 0.00	38.10 2.26 0.00	41.52 2.64 0.00	44.11 2.23 0.00	48.17 1.70 0.00	54.01 1.94 0.00	37.82 1.27 0.00	35.64 1.17 0.00	36.52 0.97 0.00	33.59 0.82 0.00	40.66 0.85 0.00	34.75 0.90 0.00
NEPA___ENERGY 23901	24.81 -0.05 0.00	24.69 -0.10 0.00	23.81 -0.14 0.00	23.51 -0.21 0.00	23.71 -0.26 0.00	23.55 -0.15 0.00	24.15 -0.07 0.00	24.95 0.07 0.00	23.28 0.07 0.00	27.03 0.58 0.00	27.33 0.91 0.00	30.12 1.34 0.00	34.10 1.39 0.00	38.19 2.35 0.00	41.65 2.78 0.00	44.13 2.24 0.00	47.75 1.28 0.00	53.58 1.53 0.00	37.53 0.97 0.00	35.39 0.93 0.00	36.20 0.65 0.00	33.22 0.45 0.00	40.31 0.50 0.00	34.43 0.58 0.00



NEVERSINK___HYD 23608	25.48 0.62 0.00	25.21 0.42 0.00	24.24 0.29 0.00	23.98 0.25 0.00	24.19 0.21 0.00	23.90 0.19 0.00	24.45 0.24 0.00	25.17 0.29 0.00	23.66 0.45 0.00	26.98 0.53 0.00	27.21 0.69 -0.10	29.91 1.06 -0.08	34.26 1.12 -0.43	36.64 0.41 -0.39	39.85 0.56 -0.43	43.32 1.01 -0.42	47.49 1.01 0.00	53.66 1.40 -0.20	37.49 0.94 0.00	35.30 0.84 0.00	36.44 0.88 0.00	34.28 1.51 0.00	41.46 1.65 0.00	35.16 1.31 0.00
NEWKRMKL_115KV_TB1 55635	25.47 0.61 0.00	25.36 0.57 0.00	24.51 0.57 0.00	24.29 0.56 0.00	24.49 0.52 0.00	24.21 0.50 0.00	24.71 0.49 0.00	25.35 0.47 0.00	23.66 0.45 0.00	26.66 0.21 0.00	26.56 0.30 0.16	29.08 0.42 0.12	32.48 0.41 0.64	35.68 0.44 0.59	38.86 0.63 0.65	42.09 0.84 0.63	47.49 1.02 0.00	52.77 1.01 0.30	37.31 0.76 0.00	35.22 0.76 0.00	36.37 0.81 0.00	33.42 0.64 0.00	40.57 0.77 0.00	34.49 0.64 0.00
NEWTON___FALLS_HYD 23847	23.74 -1.13 0.00	24.27 -0.51 0.00	23.49 -0.46 0.00	23.39 -0.33 0.00	23.67 -0.30 0.00	23.45 -0.26 0.00	23.99 -0.23 0.00	24.69 -0.19 0.00	22.89 -0.31 0.00	26.13 -0.33 -0.01	26.02 -0.60 -0.20	28.34 -0.79 -0.36	32.31 -1.00 -0.60	35.35 -1.31 -0.82	38.43 -1.44 -1.00	41.28 -1.79 -1.18	46.44 -1.49 -1.46	52.55 -1.17 -1.66	36.73 -0.70 -0.88	34.70 -0.48 -0.72	36.04 -0.31 -0.80	33.18 -0.22 -0.63	40.19 -0.68 -1.06	33.76 -0.76 -0.68
NGRID_A1_DSASP 323792	24.16 -0.71 0.00	24.16 -0.63 0.00	23.31 -0.63 0.00	22.91 -0.82 0.00	23.13 -0.84 0.00	22.91 -0.80 0.00	23.58 -0.64 0.00	24.09 -0.79 0.00	22.50 -0.71 0.00	26.26 -0.19 0.00	26.53 0.11 0.00	29.10 0.32 0.00	32.99 0.28 0.00	36.54 0.70 0.00	39.88 1.01 0.00	42.03 0.15 0.00	45.55 -0.92 0.00	50.97 -1.09 0.00	35.72 -0.83 0.00	33.70 -0.76 0.00	34.49 -1.07 0.00	31.83 -0.95 0.00	38.60 -1.21 0.00	33.40 -0.45 0.00
NGRID_A2_DSASP 323793	24.16 -0.71 0.00	24.16 -0.63 0.00	23.31 -0.63 0.00	22.91 -0.82 0.00	23.13 -0.84 0.00	22.91 -0.80 0.00	23.58 -0.64 0.00	24.09 -0.79 0.00	22.50 -0.71 0.00	26.26 -0.19 0.00	26.53 0.11 0.00	29.10 0.32 0.00	32.99 0.28 0.00	36.54 0.70 0.00	39.88 1.01 0.00	42.03 0.15 0.00	45.55 -0.92 0.00	50.97 -1.09 0.00	35.72 -0.83 0.00	33.70 -0.76 0.00	34.49 -1.07 0.00	31.83 -0.95 0.00	38.60 -1.21 0.00	33.40 -0.45 0.00
NGRID_A4_DSASP 323807	24.16 -0.71 0.00	24.16 -0.63 0.00	23.31 -0.63 0.00	22.91 -0.82 0.00	23.13 -0.84 0.00	22.91 -0.80 0.00	23.58 -0.64 0.00	24.09 -0.79 0.00	22.50 -0.71 0.00	26.26 -0.19 0.00	26.53 0.11 0.00	29.10 0.32 0.00	32.99 0.28 0.00	36.54 0.70 0.00	39.88 1.01 0.00	42.03 0.15 0.00	45.55 -0.92 0.00	50.97 -1.09 0.00	35.72 -0.83 0.00	33.70 -0.76 0.00	34.49 -1.07 0.00	31.83 -0.95 0.00	38.60 -1.21 0.00	33.40 -0.45 0.00
NIAGARA_115E_LBMP 323715	24.13 -0.73 0.00	24.12 -0.67 0.00	23.27 -0.68 0.00	22.86 -0.86 0.00	23.08 -0.89 0.00	22.86 -0.85 0.00	23.53 -0.69 0.00	24.04 -0.84 0.00	22.45 -0.76 0.00	26.19 -0.25 0.00	26.47 0.05 0.00	29.04 0.26 0.00	33.05 0.34 0.00	36.68 0.84 0.00	40.04 1.17 0.00	42.22 0.34 0.00	45.76 -0.71 0.00	51.22 -0.84 0.00	35.92 -0.63 0.00	33.88 -0.58 0.00	34.67 -0.89 0.00	31.97 -0.80 0.00	38.77 -1.04 0.00	33.39 -0.46 0.00
NIAGARA_115W_LBMP 323714	24.10 -0.76 0.00	24.11 -0.68 0.00	23.26 -0.68 0.00	22.86 -0.87 0.00	23.08 -0.89 0.00	22.86 -0.84 0.00	23.53 -0.69 0.00	24.04 -0.84 0.00	22.45 -0.76 0.00	26.20 -0.25 0.00	26.46 0.05 0.00	29.02 0.24 0.00	32.90 0.19 0.00	36.42 0.58 0.00	39.76 0.88 0.00	41.91 0.02 0.00	45.42 -1.06 0.00	50.82 -1.24 0.00	35.62 -0.93 0.00	33.60 -0.86 0.00	34.40 -1.16 0.00	31.74 -1.04 0.00	38.49 -1.32 0.00	33.33 -0.52 0.00
NIAGARA_230_LBMP 323716	24.26 -0.60 0.00	24.26 -0.53 0.00	23.40 -0.54 0.00	23.01 -0.72 0.00	23.24 -0.73 0.00	23.02 -0.69 0.00	23.69 -0.54 0.00	24.23 -0.65 0.00	22.61 -0.60 0.00	26.37 -0.07 0.00	26.62 0.21 0.00	29.21 0.43 0.00	33.21 0.50 0.00	36.85 1.01 0.00	40.24 1.36 0.00	42.47 0.58 0.00	46.06 -0.41 0.00	51.53 -0.53 0.00	36.08 -0.48 0.00	34.02 -0.44 0.00	34.83 -0.72 0.00	32.13 -0.65 0.00	38.98 -0.83 0.00	33.56 -0.28 0.00
NIAGARA___115KV_198_GIBSON 55903	24.10 -0.76 0.00	24.10 -0.68 0.00	23.27 -0.68 0.00	22.86 -0.87 0.00	23.08 -0.89 0.00	22.86 -0.85 0.00	23.40 -0.82 0.00	24.04 -0.84 0.00	22.45 -0.76 0.00	26.21 -0.23 0.00	26.47 0.05 0.00	29.02 0.24 0.00	32.87 0.16 0.00	36.40 0.56 0.00	39.75 0.88 0.00	41.91 0.02 0.00	45.43 -1.05 0.00	50.81 -1.25 0.00	35.60 -0.95 0.00	33.61 -0.85 0.00	34.41 -1.15 0.00	31.74 -1.04 0.00	38.49 -1.32 0.00	33.33 -0.52 0.00
NIAGARA____ 23760	24.26 -0.60 0.00	24.26 -0.53 0.00	23.40 -0.54 0.00	23.01 -0.72 0.00	23.24 -0.73 0.00	23.02 -0.69 0.00	23.69 -0.54 0.00	24.23 -0.65 0.00	22.61 -0.60 0.00	26.37 -0.07 0.00	26.62 0.21 0.00	29.21 0.43 0.00	33.21 0.50 0.00	36.85 1.01 0.00	40.24 1.36 0.00	42.47 0.58 0.00	46.06 -0.41 0.00	51.53 -0.53 0.00	36.08 -0.48 0.00	34.02 -0.44 0.00	34.83 -0.72 0.00	32.13 -0.65 0.00	38.98 -0.83 0.00	33.56 -0.28 0.00
NINE_MILE_1 23575	24.26 -0.60 0.00	24.17 -0.61 0.00	23.34 -0.61 0.00	23.11 -0.62 0.00	23.32 -0.65 0.00	23.08 -0.63 0.00	23.54 -0.68 0.00	24.11 -0.77 0.00	22.51 -0.69 0.00	25.50 -0.72 0.22	22.37 -0.64 3.40	22.14 -0.59 6.05	21.84 -0.66 10.21	21.40 -0.60 13.84	21.31 -0.57 16.99	21.11 -0.71 20.08	20.83 -0.93 24.72	22.94 -1.01 28.11	20.96 -0.72 14.87	21.56 -0.70 12.20	21.28 -0.78 13.50	21.31 -0.77 10.70	20.87 -0.97 17.96	21.52 -0.83 11.50
NINE_MILE_2 23744	24.26 -0.60 0.00	24.17 -0.61 0.00	23.34 -0.61 0.00	23.11 -0.62 0.00	23.32 -0.65 0.00	23.08 -0.63 0.00	23.54 -0.68 0.00	24.11 -0.77 0.00	22.51 -0.69 0.00	25.50 -0.72 0.23	22.32 -0.64 3.45	22.04 -0.59 6.15	21.68 -0.66 10.37	21.19 -0.61 14.05	21.05 -0.57 17.25	20.80 -0.71 20.38	20.45 -0.93 25.09	22.52 -1.01 28.53	20.73 -0.72 15.09	21.38 -0.70 12.38	21.07 -0.78 13.71	21.15 -0.77 10.86	20.60 -0.97 18.23	21.35 -0.83 11.67
NM_CAPITAL___DRP 24208	25.49 0.63 0.00	25.39 0.60 0.00	24.55 0.60 0.00	24.32 0.59 0.00	24.52 0.55 0.00	24.23 0.52 0.00	24.74 0.51 0.00	25.36 0.49 0.00	23.67 0.46 0.00	26.69 0.24 0.00	26.55 0.30 0.17	29.10 0.45 0.13	32.42 0.43 0.71	35.63 0.45 0.66	38.76 0.61 0.72	42.02 0.83 0.70	47.48 1.00 0.00	52.67 0.95 0.34	37.29 0.74 0.00	35.20 0.73 0.00	36.36 0.80 0.00	33.41 0.63 0.00	40.58 0.77 0.00	34.51 0.66 0.00
NM_CENTRAL___DRP 24181	24.84 -0.03 0.00	24.72 -0.07 0.00	23.84 -0.10 0.00	23.60 -0.13 0.00	23.82 -0.15 0.00	23.56 -0.15 0.00	24.03 -0.19 0.00	24.64 -0.24 0.00	23.03 -0.18 0.00	26.38 -0.09 -0.02	26.78 0.04 -0.33	29.59 0.23 -0.59	33.96 0.26 -0.99	37.68 0.50 -1.35	41.14 0.62 -1.65	44.40 0.56 -1.95	49.27 0.39 -2.40	55.30 0.51 -2.73	38.29 0.29 -1.44	35.88 0.23 -1.18	37.04 0.16 -1.31	33.89 0.08 -1.04	41.60 0.04 -1.74	34.98 0.02 -1.12



NM_FRONTIER___DRP 24179	24.10 -0.76 0.00	24.10 -0.68 0.00	23.27 -0.68 0.00	22.86 -0.87 0.00	23.08 -0.89 0.00	22.86 -0.85 0.00	23.40 -0.82 0.00	24.04 -0.84 0.00	22.45 -0.76 0.00	26.21 -0.23 0.00	26.47 0.05 0.00	29.02 0.24 0.00	32.87 0.16 0.00	36.40 0.56 0.00	39.75 0.88 0.00	41.91 0.02 0.00	45.43 -1.05 0.00	50.81 -1.25 0.00	35.60 -0.95 0.00	33.61 -0.85 0.00	34.41 -1.15 0.00	31.74 -1.04 0.00	38.49 -1.32 0.00	33.33 -0.52 0.00
NM_ST_REGIS___HYD 24053	23.79 -1.07 0.00	24.09 -0.70 0.00	23.35 -0.59 0.00	23.25 -0.48 0.00	23.63 -0.34 0.00	23.40 -0.31 0.00	24.03 -0.19 0.00	24.83 -0.05 0.00	22.96 -0.25 0.00	26.18 -0.27 0.00	25.77 -0.65 0.00	27.71 -1.07 0.00	31.50 -1.21 0.00	34.02 -1.82 0.00	36.74 -2.13 0.00	39.48 -2.41 0.00	44.16 -2.31 0.00	49.91 -2.15 0.00	35.22 -1.34 0.00	33.30 -1.16 0.00	34.55 -1.01 0.00	31.99 -0.79 0.00	38.77 -1.04 0.00	32.92 -0.92 0.00
NORTHPORT___1 23551	26.31 1.45 0.00	27.30 1.38 -1.13	25.18 1.23 0.00	24.88 1.15 0.00	25.14 1.17 0.00	24.75 1.04 0.00	25.36 1.14 0.00	26.02 1.14 0.00	24.48 1.27 0.00	27.72 1.27 0.00	27.46 0.87 -0.18	30.30 1.39 -0.14	35.42 1.96 -0.75	38.79 2.26 -0.69	42.48 2.86 -0.75	45.76 3.14 -0.73	50.39 3.50 -0.42	56.21 3.80 -0.35	39.15 2.60 0.00	36.89 2.43 0.00	37.78 2.22 0.00	47.61 1.86 -12.97	42.34 2.29 -0.24	35.92 2.08 0.00
NORTHPORT___2 23552	26.31 1.45 0.00	27.30 1.38 -1.13	25.18 1.23 0.00	24.88 1.15 0.00	25.14 1.17 0.00	24.75 1.04 0.00	25.36 1.14 0.00	26.02 1.14 0.00	24.48 1.27 0.00	27.72 1.27 0.00	27.46 0.87 -0.18	30.30 1.39 -0.14	35.42 1.96 -0.75	38.79 2.26 -0.69	42.48 2.86 -0.75	45.76 3.14 -0.73	50.39 3.50 -0.42	56.21 3.80 -0.35	39.15 2.60 0.00	36.89 2.43 0.00	37.78 2.22 0.00	47.61 1.86 -12.97	42.34 2.29 -0.24	35.92 2.08 0.00
NORTHPORT___3 23553	26.19 1.33 0.00	27.19 1.28 -1.13	25.07 1.12 0.00	24.77 1.05 0.00	25.03 1.06 0.00	24.65 0.94 0.00	25.24 1.02 0.00	25.89 1.01 0.00	24.35 1.15 0.00	27.56 1.11 0.00	27.29 0.69 -0.18	30.13 1.22 -0.14	35.22 1.76 -0.75	38.57 2.04 -0.69	42.24 2.62 -0.75	45.51 2.89 -0.73	50.16 3.26 -0.42	55.91 3.50 -0.35	38.96 2.40 0.00	36.67 2.21 0.00	37.56 2.01 0.00	47.42 1.67 -12.97	42.11 2.06 -0.24	35.70 1.85 0.00
NORTHPORT___4 23650	26.19 1.33 0.00	27.19 1.28 -1.13	25.07 1.12 0.00	24.77 1.05 0.00	25.03 1.06 0.00	24.65 0.94 0.00	25.24 1.02 0.00	25.89 1.01 0.00	24.35 1.15 0.00	27.56 1.11 0.00	27.29 0.69 -0.18	30.13 1.22 -0.14	35.22 1.76 -0.75	38.57 2.04 -0.69	42.24 2.62 -0.75	45.51 2.89 -0.73	50.16 3.26 -0.42	55.91 3.50 -0.35	38.96 2.40 0.00	36.67 2.21 0.00	37.56 2.01 0.00	47.42 1.67 -12.97	42.11 2.06 -0.24	35.70 1.85 0.00
NORTHPORT___IC 23718	26.31 1.45 0.00	27.30 1.39 -1.13	25.17 1.23 0.00	24.88 1.15 0.00	25.14 1.18 0.00	24.75 1.04 0.00	25.38 1.16 0.00	26.01 1.13 0.00	24.48 1.27 0.00	27.72 1.27 0.00	27.46 0.87 -0.18	30.30 1.39 -0.14	35.44 1.98 -0.75	38.79 2.26 -0.69	42.48 2.86 -0.75	45.76 3.14 -0.73	50.38 3.49 -0.42	56.21 3.80 -0.35	39.15 2.60 0.00	36.89 2.43 0.00	37.77 2.21 0.00	47.61 1.86 -12.97	42.34 2.29 -0.24	35.92 2.08 0.00
NORTH___COUNTRY_ESR 323785	23.86 -1.00 0.00	23.81 -0.97 0.00	23.16 -0.79 0.00	23.24 -0.49 0.00	23.77 -0.20 0.00	23.54 -0.17 0.00	24.24 0.02 0.00	25.12 0.24 0.00	23.32 0.11 0.00	26.56 0.11 0.00	26.38 -0.04 0.00	28.42 -0.36 0.00	32.33 -0.38 0.00	34.93 -0.91 0.00	37.72 -1.15 0.00	40.64 -1.25 0.00	45.30 -1.17 0.00	51.14 -0.92 0.00	36.11 -0.44 0.00	34.07 -0.39 0.00	35.29 -0.27 0.00	32.61 -0.16 0.00	39.62 -0.19 0.00	33.70 -0.15 0.00
NPX_GEN_1385_PROXY 323591	25.65 0.79 0.00	26.79 0.88 -1.13	24.92 0.97 0.00	24.74 1.02 0.00	25.19 1.21 0.00	24.58 0.87 0.00	24.56 1.01 0.67	25.90 1.03 0.00	23.61 1.22 0.82	27.11 0.66 0.00	16.82 0.06 9.66	23.12 0.51 6.17	24.19 0.96 9.48	14.39 1.15 22.61	41.53 1.91 -0.75	44.74 2.12 -0.73	49.28 2.39 -0.42	55.21 2.80 -0.35	38.29 1.73 0.00	36.21 1.74 0.00	36.96 1.40 0.00	46.85 1.09 -12.97	41.29 1.24 -0.24	35.37 1.52 0.00
NPX_GEN_CSC 323557	26.56 1.70 0.00	27.44 1.53 -1.13	25.24 1.30 0.00	24.92 1.19 0.00	25.16 1.19 0.00	24.77 1.06 0.00	24.71 1.17 0.67	26.08 1.20 0.00	23.79 1.40 0.82	27.99 1.54 0.00	27.78 1.18 -0.18	30.68 1.76 -0.14	35.87 2.41 -0.75	39.29 2.77 -0.69	43.11 3.49 -0.75	46.41 3.79 -0.73	51.15 4.25 -0.42	57.09 4.67 -0.35	39.83 3.28 0.00	37.53 3.07 0.00	38.33 2.77 0.00	48.02 2.26 -12.97	42.85 2.80 -0.24	36.31 2.46 0.00
NSINS_S_GLNS_FALLS 23858	26.24 1.38 0.00	26.07 1.29 0.00	25.19 1.24 0.00	24.95 1.22 0.00	25.09 1.12 0.00	24.78 1.07 0.00	25.37 1.15 0.00	26.07 1.20 0.00	24.34 1.13 0.00	27.52 1.08 0.00	27.14 0.90 0.17	29.75 1.10 0.13	33.02 1.02 0.71	36.53 1.34 0.66	39.85 1.70 0.72	43.20 2.02 0.70	49.12 2.65 0.00	54.73 3.01 0.34	39.22 2.67 0.00	37.09 2.63 0.00	38.29 2.73 0.00	34.95 2.18 0.00	42.68 2.88 0.00	36.28 2.44 0.00
NUCOR_STEEL___DRP 24197	25.10 0.24 0.00	24.96 0.17 0.00	24.07 0.13 0.00	23.82 0.09 0.00	24.04 0.07 0.00	23.78 0.08 0.00	24.27 0.05 0.00	24.90 0.03 0.00	23.27 0.07 0.00	26.68 0.20 -0.04	27.25 0.29 -0.54	30.23 0.49 -0.96	34.93 0.60 -1.62	38.93 0.88 -2.20	42.73 1.16 -2.70	46.22 1.14 -3.19	51.37 0.97 -3.93	57.80 1.26 -4.47	39.78 0.86 -2.36	37.17 0.77 -1.94	38.41 0.70 -2.15	35.02 0.54 -1.70	43.23 0.56 -2.86	36.13 0.45 -1.83
NUMBER_THREE_WT_PWR 323818	24.09 -0.77 0.00	24.75 -0.04 0.00	24.09 0.14 0.00	24.01 0.29 0.00	24.27 0.30 0.00	24.04 0.33 0.00	24.56 0.34 0.00	25.21 0.33 0.00	23.45 0.24 0.00	26.75 0.29 -0.02	26.85 0.19 -0.24	29.37 0.16 -0.43	33.43 0.00 -0.72	36.72 -0.10 -0.98	39.92 -0.15 -1.20	42.73 -0.57 -1.42	48.25 0.03 -1.74	54.77 0.73 -1.98	38.21 0.61 -1.05	36.05 0.73 -0.86	37.45 0.94 -0.95	34.40 0.87 -0.75	41.57 0.49 -1.27	34.77 0.11 -0.81
NYISO_LBMP_REFERENCE 24008	24.86 0.00 0.00	24.79 0.00 0.00	23.95 0.00 0.00	23.73 0.00 0.00	23.97 0.00 0.00	23.71 0.00 0.00	24.22 0.00 0.00	24.88 0.00 0.00	23.21 0.00 0.00	26.45 0.00 0.00	26.42 0.00 0.00	28.78 0.00 0.00	32.71 0.00 0.00	35.84 0.00 0.00	38.87 0.00 0.00	41.89 0.00 0.00	46.47 0.00 0.00	52.06 0.00 0.00	36.55 0.00 0.00	34.46 0.00 0.00	35.56 0.00 0.00	32.78 0.00 0.00	39.81 0.00 0.00	33.85 0.00 0.00
NYPA_BRENTWD____GT 24164	26.72 1.86 0.00	27.64 1.73 -1.13	25.48 1.53 0.00	25.16 1.43 0.00	25.41 1.44 0.00	25.02 1.32 0.00	25.64 1.42 0.00	26.32 1.45 0.00	24.79 1.58 0.00	28.15 1.70 0.00	27.94 1.34 -0.18	30.87 1.95 -0.14	36.06 2.60 -0.75	39.43 2.90 -0.69	43.17 3.55 -0.75	46.39 3.77 -0.73	51.08 4.18 -0.42	56.85 4.44 -0.35	39.88 3.32 0.00	37.65 3.19 0.00	38.55 2.99 0.00	48.29 2.54 -12.97	43.17 3.12 -0.24	36.60 2.76 0.00



NYPA_GOWANUS____GT5 24156	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.31 1.09 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.77 2.31 -0.75	39.25 2.73 -0.69	42.85 3.23 -0.75	46.34 3.72 -0.73	50.43 3.96 0.00	56.79 4.38 -0.35	39.37 2.81 0.00	37.12 2.66 0.00	38.16 2.60 0.00	35.06 2.28 0.00	42.35 2.54 0.00	36.06 2.21 0.00
NYPA_GOWANUS____GT6 24157	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.31 1.09 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.77 2.31 -0.75	39.25 2.73 -0.69	42.85 3.23 -0.75	46.34 3.72 -0.73	50.43 3.96 0.00	56.79 4.38 -0.35	39.37 2.81 0.00	37.12 2.66 0.00	38.16 2.60 0.00	35.06 2.28 0.00	42.35 2.54 0.00	36.06 2.21 0.00
NYPA_HARLEM__RVR__GT1 24160	26.20 1.34 0.00	25.94 1.15 0.00	24.94 0.99 0.00	24.67 0.94 0.00	24.90 0.93 0.00	24.59 0.88 0.00	25.17 0.95 0.00	25.94 1.06 0.00	24.36 1.15 0.00	27.73 1.28 0.00	27.96 1.37 -0.18	30.71 1.80 -0.13	35.56 2.11 -0.75	39.09 2.56 -0.69	42.66 3.04 -0.75	46.10 3.48 -0.73	50.22 3.75 0.00	56.52 4.10 -0.35	39.17 2.61 0.00	36.87 2.41 0.00	37.93 2.37 0.00	34.81 2.04 0.00	42.10 2.29 0.00	35.85 2.00 0.00
NYPA_HARLEM__RVR__GT2 24161	26.20 1.34 0.00	25.94 1.15 0.00	24.94 0.99 0.00	24.67 0.94 0.00	24.90 0.93 0.00	24.59 0.88 0.00	25.17 0.95 0.00	25.94 1.06 0.00	24.36 1.15 0.00	27.73 1.28 0.00	27.96 1.37 -0.18	30.71 1.80 -0.13	35.56 2.11 -0.75	39.09 2.56 -0.69	42.66 3.04 -0.75	46.10 3.48 -0.73	50.22 3.75 0.00	56.52 4.10 -0.35	39.17 2.61 0.00	36.87 2.41 0.00	37.93 2.37 0.00	34.81 2.04 0.00	42.10 2.29 0.00	35.85 2.00 0.00
NYPA_KENT____GT 24152	26.28 1.41 0.00	26.00 1.21 0.00	25.00 1.05 0.00	24.77 1.04 0.00	25.00 1.03 0.00	24.68 0.97 0.00	25.26 1.04 0.00	26.00 1.12 0.00	24.42 1.21 0.00	27.83 1.38 0.00	28.10 1.50 -0.18	30.89 1.97 -0.14	35.72 2.26 -0.75	39.22 2.70 -0.69	42.81 3.19 -0.75	46.28 3.66 -0.73	50.37 3.90 0.00	56.71 4.29 -0.35	39.30 2.75 0.00	37.05 2.59 0.00	38.12 2.56 0.00	34.99 2.22 0.00	42.29 2.48 0.00	36.01 2.16 0.00
NYPA_POUCH1____GT 24155	26.28 1.41 0.00	26.00 1.21 0.00	25.00 1.05 0.00	24.86 1.13 -0.01	25.14 1.16 -0.01	24.74 1.03 0.00	25.30 1.08 0.00	26.00 1.12 0.00	24.39 1.18 0.00	27.79 1.34 0.00	28.05 1.46 -0.18	30.82 1.90 -0.14	35.66 2.20 -0.75	39.05 2.55 -0.66	42.69 3.07 -0.75	46.26 3.64 -0.73	50.34 3.87 0.00	56.71 4.30 -0.35	39.31 2.75 0.00	37.07 2.60 0.00	38.07 2.51 0.00	35.00 2.23 0.00	42.24 2.43 0.00	35.96 2.11 0.00
NYPA_VERNON____GT2 24162	26.23 1.37 0.00	25.96 1.17 0.00	24.96 1.01 0.00	24.70 0.97 0.00	24.94 0.96 0.00	24.63 0.92 0.00	25.21 0.99 0.00	25.97 1.09 0.00	24.40 1.19 0.00	27.79 1.34 0.00	28.07 1.47 -0.18	30.86 1.94 -0.14	35.70 2.25 -0.75	39.21 2.69 -0.69	42.78 3.16 -0.75	46.24 3.63 -0.73	50.33 3.86 0.00	56.66 4.25 -0.35	39.27 2.72 0.00	36.99 2.52 0.00	38.05 2.50 0.00	34.92 2.14 0.00	42.23 2.42 0.00	35.95 2.10 0.00
NYPA_VERNON____GT3 24163	26.23 1.37 0.00	25.96 1.17 0.00	24.96 1.01 0.00	24.70 0.97 0.00	24.94 0.96 0.00	24.63 0.92 0.00	25.21 0.99 0.00	25.97 1.09 0.00	24.40 1.19 0.00	27.79 1.34 0.00	28.07 1.47 -0.18	30.86 1.94 -0.14	35.70 2.25 -0.75	39.21 2.69 -0.69	42.78 3.16 -0.75	46.24 3.63 -0.73	50.33 3.86 0.00	56.66 4.25 -0.35	39.27 2.72 0.00	36.99 2.52 0.00	38.05 2.50 0.00	34.92 2.14 0.00	42.23 2.42 0.00	35.95 2.10 0.00
NYPA____ASTORIA_CC1 323568	26.19 1.33 0.00	25.91 1.12 0.00	24.92 0.97 0.00	24.66 0.93 0.00	24.90 0.92 0.00	24.59 0.88 0.00	25.17 0.95 0.00	25.92 1.04 0.00	24.35 1.14 0.00	27.74 1.29 0.00	28.01 1.41 -0.18	30.79 1.88 -0.14	35.65 2.19 -0.75	39.15 2.62 -0.69	42.71 3.09 -0.75	46.16 3.54 -0.73	50.24 3.76 0.00	56.55 4.14 -0.35	39.20 2.65 0.00	36.93 2.46 0.00	38.00 2.44 0.00	34.87 2.09 0.00	42.16 2.35 0.00	35.90 2.05 0.00
NYPA____ASTORIA_CC2 323569	26.19 1.33 0.00	25.91 1.12 0.00	24.92 0.97 0.00	24.66 0.93 0.00	24.90 0.92 0.00	24.59 0.88 0.00	25.17 0.95 0.00	25.92 1.04 0.00	24.35 1.14 0.00	27.74 1.29 0.00	28.01 1.41 -0.18	30.79 1.88 -0.14	35.65 2.19 -0.75	39.15 2.62 -0.69	42.71 3.09 -0.75	46.16 3.54 -0.73	50.24 3.76 0.00	56.55 4.14 -0.35	39.20 2.65 0.00	36.93 2.46 0.00	38.00 2.44 0.00	34.87 2.09 0.00	42.16 2.35 0.00	35.90 2.05 0.00
NYPA____HOLTSVILL 23794	26.59 1.72 0.00	27.50 1.58 -1.13	25.33 1.38 0.00	25.01 1.28 0.00	25.25 1.28 0.00	24.88 1.17 0.00	25.48 1.27 0.00	26.17 1.29 0.00	24.66 1.45 0.00	28.00 1.55 0.00	27.80 1.21 -0.18	30.69 1.78 -0.14	35.88 2.42 -0.75	39.30 2.78 -0.69	43.07 3.45 -0.75	46.38 3.77 -0.73	51.09 4.19 -0.42	56.95 4.53 -0.35	39.70 3.14 0.00	37.44 2.97 0.00	38.30 2.74 0.00	48.04 2.29 -12.97	42.88 2.83 -0.24	36.36 2.51 0.00
NYPA____HELLGATE_GT1 24158	26.20 1.34 0.00	25.94 1.15 0.00	24.94 0.99 0.00	24.67 0.94 0.00	24.90 0.93 0.00	24.59 0.88 0.00	25.17 0.95 0.00	25.94 1.06 0.00	24.36 1.15 0.00	27.73 1.28 0.00	27.96 1.37 -0.18	30.71 1.80 -0.13	35.56 2.11 -0.75	39.09 2.56 -0.69	42.66 3.04 -0.75	46.10 3.48 -0.73	50.22 3.75 0.00	56.52 4.10 -0.35	39.17 2.61 0.00	36.87 2.41 0.00	37.93 2.37 0.00	34.81 2.04 0.00	42.09 2.28 0.00	35.83 1.99 0.00
NYPA____HELLGATE_GT2 24159	26.20 1.34 0.00	25.94 1.15 0.00	24.94 0.99 0.00	24.67 0.94 0.00	24.90 0.93 0.00	24.59 0.88 0.00	25.17 0.95 0.00	25.94 1.06 0.00	24.36 1.15 0.00	27.73 1.28 0.00	27.96 1.37 -0.18	30.71 1.80 -0.13	35.56 2.11 -0.75	39.09 2.56 -0.69	42.66 3.04 -0.75	46.10 3.48 -0.73	50.22 3.75 0.00	56.52 4.10 -0.35	39.17 2.61 0.00	36.87 2.41 0.00	37.93 2.37 0.00	34.81 2.04 0.00	42.09 2.28 0.00	35.83 1.99 0.00
NYS_BARGE____HYD 23848	24.63 -0.24 0.00	24.60 -0.20 0.00	23.70 -0.24 0.00	23.29 -0.44 0.00	23.51 -0.46 0.00	23.29 -0.42 0.00	23.96 -0.26 0.00	24.50 -0.38 0.00	22.88 -0.33 0.00	26.70 0.25 0.00	27.00 0.58 0.00	29.67 0.89 0.00	33.75 1.04 0.00	37.46 1.62 0.00	40.89 2.02 0.00	43.15 1.26 0.00	46.77 0.30 0.00	52.40 0.33 0.00	36.74 0.18 0.00	34.63 0.17 0.00	35.42 -0.14 0.00	32.66 -0.12 0.00	39.57 -0.24 0.00	34.05 0.20 0.00
OAK ORCHARD____HYD 24046	25.12 0.26 0.00	25.02 0.23 0.00	24.11 0.16 0.00	23.75 0.02 0.00	23.97 0.00 0.00	23.72 0.02 0.00	24.32 0.09 0.00	24.91 0.04 0.00	23.27 0.06 0.00	26.98 0.53 0.00	27.21 0.80 0.00	29.88 1.10 0.00	34.04 1.33 0.00	37.67 1.83 0.00	41.09 2.22 0.00	43.67 1.79 0.00	47.75 1.27 0.00	53.52 1.46 0.00	37.47 0.92 0.00	35.26 0.79 0.00	36.16 0.60 0.00	33.28 0.51 0.00	40.31 0.50 0.00	34.44 0.59 0.00



OAKDALE___35_KV_LOAD 356122	25.02 0.16 0.00	24.85 0.06 0.00	23.97 0.02 0.00	23.75 0.02 0.00	23.98 0.00 0.00	23.75 0.04 0.00	24.26 0.04 0.00	24.97 0.09 0.00	23.34 0.13 0.00	26.74 0.28 -0.01	27.05 0.41 -0.22	29.83 0.67 -0.39	34.06 0.70 -0.66	37.89 1.16 -0.89	41.37 1.41 -1.09	44.55 1.37 -1.29	49.16 1.10 -1.59	55.21 1.34 -1.81	38.39 0.88 -0.96	36.07 0.82 -0.79	37.16 0.73 -0.87	34.02 0.55 -0.69	41.59 0.62 -1.16	35.11 0.52 -0.74
OCC_CHEM___DRP 24175	24.16 -0.71 0.00	24.16 -0.63 0.00	23.31 -0.63 0.00	22.91 -0.82 0.00	23.13 -0.84 0.00	22.91 -0.80 0.00	23.45 -0.77 0.00	24.09 -0.79 0.00	22.50 -0.71 0.00	26.27 -0.18 0.00	26.52 0.11 0.00	29.10 0.32 0.00	32.96 0.25 0.00	36.52 0.67 0.00	39.87 1.00 0.00	42.03 0.14 0.00	45.56 -0.91 0.00	50.96 -1.10 0.00	35.70 -0.85 0.00	33.70 -0.76 0.00	34.51 -1.05 0.00	31.83 -0.95 0.00	38.60 -1.21 0.00	33.40 -0.45 0.00
OH_GEN_PROXY 24063	24.28 -0.59 0.00	24.28 -0.51 0.00	23.42 -0.53 0.00	23.03 -0.70 0.00	23.25 -0.72 0.00	23.04 -0.67 0.00	23.03 -0.52 0.67	24.27 -0.61 0.00	21.82 -0.56 0.82	26.40 -0.04 0.00	26.65 0.23 0.00	29.24 0.46 0.00	33.24 0.53 0.00	36.90 1.06 0.00	40.29 1.42 0.00	42.54 0.66 0.00	46.15 -0.33 0.00	26.63 -0.42 25.00	36.14 -0.41 0.00	34.08 -0.39 0.00	34.89 -0.67 0.00	32.17 -0.60 0.00	39.03 -0.77 0.00	33.57 -0.27 0.00
OLIN_CORP_DRP 24177	24.17 -0.70 0.00	24.16 -0.62 0.00	23.31 -0.64 0.00	22.91 -0.82 0.00	23.13 -0.84 0.00	22.90 -0.80 0.00	23.45 -0.77 0.00	24.09 -0.79 0.00	22.49 -0.71 0.00	26.26 -0.19 0.00	26.52 0.10 0.00	29.10 0.32 0.00	33.09 0.38 0.00	36.73 0.89 0.00	40.11 1.24 0.00	42.30 0.41 0.00	45.85 -0.62 0.00	51.32 -0.74 0.00	35.97 -0.59 0.00	33.95 -0.51 0.00	34.75 -0.81 0.00	32.04 -0.73 0.00	38.84 -0.97 0.00	33.44 -0.41 0.00
OLIN_CORP_DSASP 323712	24.16 -0.71 0.00	24.16 -0.63 0.00	23.31 -0.63 0.00	22.91 -0.82 0.00	23.13 -0.84 0.00	22.91 -0.80 0.00	23.58 -0.64 0.00	24.09 -0.79 0.00	22.50 -0.71 0.00	26.26 -0.19 0.00	26.53 0.11 0.00	29.10 0.32 0.00	32.99 0.28 0.00	36.54 0.70 0.00	39.88 1.01 0.00	42.03 0.15 0.00	45.55 -0.92 0.00	50.97 -1.09 0.00	35.72 -0.83 0.00	33.70 -0.76 0.00	34.49 -1.07 0.00	31.83 -0.95 0.00	38.60 -1.21 0.00	33.40 -0.45 0.00
ONEIDA_HERK_LFGE 323681	24.94 0.08 0.00	25.13 0.34 0.00	24.34 0.40 0.00	24.16 0.44 0.00	24.40 0.43 0.00	24.17 0.46 0.00	24.69 0.47 0.00	25.33 0.45 0.00	23.64 0.43 0.00	26.94 0.49 -0.01	27.01 0.46 -0.13	29.57 0.56 -0.23	33.68 0.58 -0.39	37.01 0.64 -0.53	40.29 0.76 -0.65	43.30 0.64 -0.77	48.46 1.03 -0.95	54.69 1.55 -1.08	38.26 1.13 -0.57	36.05 1.11 -0.47	37.29 1.21 -0.52	34.25 1.06 -0.41	41.48 0.98 -0.69	34.97 0.68 -0.44
ONEIDA___115KV_TB4 55905	25.47 0.60 0.00	25.40 0.61 0.00	24.55 0.60 0.00	24.31 0.58 0.00	24.53 0.56 0.00	24.30 0.59 0.00	24.81 0.59 0.00	25.47 0.59 0.00	23.79 0.58 0.00	27.13 0.67 -0.01	27.27 0.67 -0.18	29.98 0.88 -0.32	34.27 1.02 -0.54	37.85 1.28 -0.73	41.30 1.53 -0.89	44.51 1.57 -1.06	49.63 1.86 -1.30	55.90 2.36 -1.48	39.00 1.66 -0.78	36.67 1.57 -0.64	37.87 1.60 -0.71	34.70 1.36 -0.56	42.23 1.48 -0.94	35.61 1.15 -0.60
ONONDAGA_REF_OCCRA 23987	24.95 0.09 0.00	24.82 0.03 0.00	23.95 0.00 0.00	23.69 -0.03 0.00	23.91 -0.06 0.00	23.65 -0.06 0.00	24.13 -0.09 0.00	24.75 -0.13 0.00	23.13 -0.08 0.00	26.51 0.04 -0.03	26.99 0.17 -0.41	29.88 0.38 -0.72	34.36 0.43 -1.22	38.20 0.70 -1.66	41.75 0.84 -2.04	45.12 0.83 -2.41	50.11 0.68 -2.96	56.24 0.81 -3.37	38.84 0.50 -1.78	36.36 0.44 -1.46	37.54 0.36 -1.62	34.31 0.25 -1.28	42.19 0.23 -2.15	35.40 0.18 -1.38
ONONDAGA___COGEN 23986	24.93 0.07 0.00	24.81 0.02 0.00	23.94 -0.01 0.00	23.69 -0.04 0.00	23.91 -0.06 0.00	23.65 -0.06 0.00	24.12 -0.10 0.00	24.74 -0.14 0.00	23.12 -0.09 0.00	26.50 0.01 -0.04	27.15 0.13 -0.60	30.18 0.32 -1.08	34.90 0.37 -1.82	38.93 0.63 -2.46	42.68 0.78 -3.03	46.22 0.77 -3.58	51.49 0.62 -4.40	57.83 0.77 -5.00	39.67 0.47 -2.65	37.03 0.40 -2.17	38.30 0.34 -2.40	34.92 0.24 -1.90	43.20 0.20 -3.20	36.05 0.15 -2.05
ONTARIO___LFGE 23819	25.32 0.46 0.00	25.15 0.36 0.00	24.25 0.30 0.00	23.96 0.23 0.00	24.19 0.22 0.00	23.98 0.27 0.00	24.57 0.35 0.00	25.24 0.36 0.00	23.57 0.37 0.00	27.17 0.71 -0.01	27.48 0.87 -0.20	30.29 1.16 -0.36	34.66 1.34 -0.60	38.58 1.92 -0.82	42.23 2.36 -1.00	45.25 2.18 -1.18	49.77 1.84 -1.46	56.01 2.29 -1.66	39.06 1.63 -0.88	36.63 1.45 -0.72	37.66 1.31 -0.80	34.50 1.09 -0.63	42.02 1.15 -1.06	35.52 0.99 -0.68
ORANGEVILLE_WT_PWR 323706	24.59 -0.27 0.00	24.55 -0.24 0.00	23.72 -0.22 0.00	23.42 -0.31 0.00	23.69 -0.28 0.00	23.53 -0.18 0.00	24.21 -0.01 0.00	24.87 -0.01 0.00	23.24 0.03 0.00	27.00 0.55 0.00	27.25 0.83 0.00	29.95 1.18 0.00	34.00 1.29 0.00	37.79 1.95 0.00	41.19 2.32 0.00	43.68 1.80 0.00	47.47 1.00 0.00	53.20 1.13 0.00	37.34 0.79 0.00	35.21 0.74 0.00	36.06 0.50 0.00	33.19 0.41 0.00	40.20 0.39 0.00	34.45 0.60 0.00
ORANGEVILLE___ESR 323794	24.59 -0.27 0.00	24.55 -0.24 0.00	23.72 -0.22 0.00	23.42 -0.31 0.00	23.69 -0.28 0.00	23.53 -0.18 0.00	24.21 -0.01 0.00	24.87 -0.01 0.00	23.24 0.03 0.00	27.00 0.55 0.00	27.25 0.83 0.00	29.95 1.18 0.00	34.00 1.29 0.00	37.79 1.95 0.00	41.19 2.32 0.00	43.68 1.80 0.00	47.47 1.00 0.00	53.20 1.13 0.00	37.34 0.79 0.00	35.21 0.74 0.00	36.06 0.50 0.00	33.19 0.41 0.00	40.20 0.39 0.00	34.45 0.60 0.00
OSWEGATCHIE___HYD 24044	23.74 -1.13 0.00	24.27 -0.51 0.00	23.49 -0.45 0.00	23.39 -0.33 0.00	23.67 -0.30 0.00	23.45 -0.26 0.00	23.99 -0.23 0.00	24.69 -0.19 0.00	22.89 -0.31 0.00	26.13 -0.33 -0.01	26.02 -0.60 -0.20	28.34 -0.79 -0.36	32.31 -1.00 -0.60	35.35 -1.31 -0.82	38.44 -1.44 -1.00	41.28 -1.79 -1.18	46.44 -1.49 -1.46	52.55 -1.17 -1.66	36.73 -0.70 -0.88	34.70 -0.48 -0.72	36.04 -0.31 -0.80	33.18 -0.22 -0.63	40.19 -0.68 -1.06	33.76 -0.76 -0.68
OSWEGO___5 23606	24.45 -0.41 0.00	24.35 -0.43 0.00	23.51 -0.44 0.00	23.27 -0.46 0.00	23.49 -0.48 0.00	23.24 -0.46 0.00	23.72 -0.50 0.00	24.31 -0.57 0.00	22.70 -0.51 0.00	26.11 -0.50 -0.17	28.53 -0.42 -2.53	32.95 -0.34 -4.51	39.94 -0.38 -7.61	45.87 -0.28 -10.31	51.32 -0.21 -12.66	56.52 -0.32 -14.96	64.36 -0.53 -18.42	72.46 -0.54 -20.94	47.23 -0.40 -11.08	43.16 -0.40 -9.09	45.16 -0.46 -10.06	40.27 -0.48 -7.97	52.55 -0.64 -13.38	41.86 -0.55 -8.57
OSWEGO___6 23613	24.45 -0.41 0.00	24.35 -0.43 0.00	23.51 -0.44 0.00	23.27 -0.46 0.00	23.49 -0.48 0.00	23.24 -0.46 0.00	23.72 -0.50 0.00	24.31 -0.57 0.00	22.70 -0.51 0.00	26.11 -0.50 -0.17	28.53 -0.42 -2.53	32.95 -0.34 -4.51	39.94 -0.38 -7.61	45.87 -0.28 -10.31	51.32 -0.21 -12.66	56.52 -0.32 -14.96	64.36 -0.53 -18.42	72.46 -0.54 -20.94	47.23 -0.40 -11.08	43.16 -0.40 -9.09	45.16 -0.46 -10.06	40.27 -0.48 -7.97	52.55 -0.64 -13.38	41.86 -0.55 -8.57



OUTOKUMPU-AB___DRP 24206	24.80 -0.06 0.00	24.75 -0.04 0.00	23.87 -0.07 0.00	23.45 -0.27 0.00	23.67 -0.30 0.00	23.45 -0.25 0.00	24.01 -0.21 0.00	24.69 -0.19 0.00	23.06 -0.14 0.00	26.96 0.51 0.00	27.26 0.84 0.00	29.95 1.17 0.00	33.99 1.28 0.00	37.74 1.90 0.00	41.18 2.31 0.00	43.45 1.57 0.00	47.14 0.66 0.00	52.76 0.70 0.00	36.92 0.37 0.00	34.82 0.36 0.00	35.62 0.06 0.00	32.82 0.05 0.00	39.78 -0.03 0.00	34.28 0.43 0.00
OXBOW___BTM 323836	24.55 -0.31 0.00	24.52 -0.26 0.00	23.65 -0.29 0.00	23.24 -0.49 0.00	23.45 -0.52 0.00	23.23 -0.48 0.00	23.91 -0.31 0.00	24.45 -0.43 0.00	22.84 -0.37 0.00	26.68 0.23 0.00	26.98 0.56 0.00	29.62 0.84 0.00	33.62 0.91 0.00	37.27 1.43 0.00	40.67 1.80 0.00	42.89 1.01 0.00	46.51 0.04 0.00	52.05 -0.01 0.00	36.45 -0.10 0.00	34.37 -0.09 0.00	35.16 -0.40 0.00	32.43 -0.35 0.00	39.29 -0.52 0.00	33.94 0.09 0.00
OXBOW___ 24026	24.55 -0.31 0.00	24.52 -0.26 0.00	23.65 -0.29 0.00	23.23 -0.50 0.00	23.45 -0.52 0.00	23.23 -0.48 0.00	23.78 -0.44 0.00	24.45 -0.43 0.00	22.84 -0.37 0.00	26.69 0.25 0.00	26.98 0.56 0.00	29.62 0.84 0.00	33.59 0.88 0.00	37.25 1.41 0.00	40.67 1.79 0.00	42.89 1.00 0.00	46.52 0.05 0.00	52.04 -0.02 0.00	36.44 -0.12 0.00	34.37 -0.09 0.00	35.17 -0.39 0.00	32.42 -0.35 0.00	39.29 -0.52 0.00	33.94 0.09 0.00
OXY_CHEM_DSASP 323612	24.16 -0.71 0.00	24.16 -0.63 0.00	23.31 -0.63 0.00	22.91 -0.82 0.00	23.13 -0.84 0.00	22.91 -0.80 0.00	23.45 -0.77 0.00	24.09 -0.79 0.00	22.50 -0.71 0.00	26.27 -0.18 0.00	26.52 0.11 0.00	29.10 0.32 0.00	32.96 0.25 0.00	36.52 0.67 0.00	39.87 1.00 0.00	42.03 0.14 0.00	45.56 -0.91 0.00	50.96 -1.10 0.00	35.70 -0.85 0.00	33.70 -0.76 0.00	34.51 -1.05 0.00	31.83 -0.95 0.00	38.60 -1.21 0.00	33.40 -0.45 0.00
OZONE_PARK_ESR 323760	26.45 1.59 0.00	26.17 1.38 0.00	25.14 1.19 0.00	24.86 1.13 0.00	25.08 1.11 0.00	24.78 1.07 0.00	25.39 1.17 0.00	26.12 1.24 0.00	24.56 1.35 0.00	27.99 1.55 0.00	28.29 1.69 -0.18	31.15 2.24 -0.14	36.06 2.60 -0.75	39.63 3.10 -0.69	43.25 3.63 -0.75	46.76 4.14 -0.73	50.89 4.42 0.00	57.30 4.88 -0.35	39.70 3.15 0.00	37.36 2.90 0.00	38.48 2.92 0.00	35.29 2.51 0.00	42.70 2.89 0.00	36.33 2.48 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	24.16 -0.71 0.00	24.16 -0.63 0.00	23.31 -0.63 0.00	22.91 -0.82 0.00	23.13 -0.84 0.00	22.91 -0.80 0.00	23.45 -0.77 0.00	24.09 -0.79 0.00	22.50 -0.71 0.00	26.27 -0.18 0.00	26.52 0.11 0.00	29.10 0.32 0.00	32.96 0.25 0.00	36.52 0.67 0.00	39.87 1.00 0.00	42.03 0.14 0.00	45.56 -0.91 0.00	50.96 -1.10 0.00	35.70 -0.85 0.00	33.70 -0.76 0.00	34.51 -1.05 0.00	31.83 -0.95 0.00	38.60 -1.21 0.00	33.40 -0.45 0.00
PACKARD___115KV_DUPONT_184 80571	24.16 -0.71 0.00	24.16 -0.63 0.00	23.31 -0.63 0.00	22.91 -0.82 0.00	23.13 -0.84 0.00	22.91 -0.80 0.00	23.45 -0.77 0.00	24.09 -0.79 0.00	22.50 -0.71 0.00	26.27 -0.18 0.00	26.52 0.11 0.00	29.10 0.32 0.00	32.96 0.25 0.00	36.52 0.67 0.00	39.87 1.00 0.00	42.03 0.14 0.00	45.56 -0.91 0.00	50.96 -1.10 0.00	35.70 -0.85 0.00	33.70 -0.76 0.00	34.51 -1.05 0.00	31.83 -0.95 0.00	38.60 -1.21 0.00	33.40 -0.45 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	26.18 1.31 0.00	25.92 1.13 0.00	24.93 0.98 0.00	24.66 0.93 0.00	24.90 0.92 0.00	24.58 0.88 0.00	25.20 0.98 0.00	25.92 1.04 0.00	24.32 1.11 0.00	27.68 1.24 0.00	27.92 1.32 -0.18	30.66 1.74 -0.14	35.53 2.07 -0.75	39.04 2.51 -0.69	42.60 2.97 -0.75	46.02 3.41 -0.73	50.14 3.67 0.00	56.42 4.00 -0.35	39.13 2.58 0.00	36.87 2.40 0.00	37.92 2.36 0.00	34.79 2.02 0.00	42.09 2.28 0.00	35.84 1.99 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	26.28 1.41 0.00	26.02 1.24 0.00	25.02 1.08 0.00	24.77 1.05 0.00	25.02 1.04 0.00	24.70 0.99 0.00	25.30 1.08 0.00	26.00 1.12 0.00	24.41 1.20 0.00	27.80 1.36 0.00	28.01 1.42 -0.18	30.77 1.85 -0.14	35.60 2.15 -0.75	39.12 2.59 -0.69	42.74 3.12 -0.75	46.19 3.57 -0.73	50.31 3.84 0.00	56.68 4.26 -0.35	39.29 2.73 0.00	36.99 2.53 0.00	38.01 2.46 0.00	34.92 2.15 0.00	42.24 2.44 0.00	36.02 2.17 0.00
PATROON___115KV_TB1 80586	25.55 0.68 0.00	25.44 0.65 0.00	24.58 0.63 0.00	24.36 0.63 0.00	24.56 0.59 0.00	24.27 0.56 0.00	24.78 0.55 0.00	25.42 0.54 0.00	23.73 0.52 0.00	26.75 0.30 0.00	26.64 0.38 0.16	29.18 0.52 0.12	32.57 0.53 0.66	35.80 0.57 0.61	38.99 0.78 0.67	42.24 1.00 0.65	47.68 1.20 0.00	52.96 1.22 0.31	37.46 0.91 0.00	35.35 0.89 0.00	36.51 0.95 0.00	33.54 0.76 0.00	40.73 0.92 0.00	34.61 0.76 0.00
PATTRSNVILLE___SOLAR 323815	25.81 0.94 0.00	25.68 0.90 0.00	24.79 0.84 0.00	24.56 0.83 0.00	24.79 0.82 0.00	24.49 0.79 0.00	24.99 0.77 0.00	25.59 0.71 0.00	23.87 0.66 0.00	27.18 0.74 0.00	27.04 0.75 0.13	29.51 0.83 0.10	33.08 0.91 0.54	36.41 1.07 0.50	39.74 1.41 0.54	42.90 1.55 0.53	48.39 1.92 0.00	54.05 2.24 0.26	38.25 1.69 0.00	36.15 1.69 0.00	37.33 1.77 0.00	34.31 1.53 0.00	41.65 1.84 0.00	35.38 1.53 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	24.95 0.09 0.00	24.88 0.09 0.00	23.98 0.03 0.00	23.59 -0.14 0.00	23.82 -0.15 0.00	23.61 -0.10 0.00	24.17 -0.05 0.00	24.92 0.04 0.00	23.30 0.09 0.00	27.17 0.73 0.00	27.45 1.04 0.00	30.20 1.42 0.00	34.29 1.58 0.00	38.16 2.31 0.00	41.65 2.78 0.00	44.03 2.14 0.00	47.81 1.33 0.00	53.51 1.45 0.00	37.42 0.86 0.00	35.26 0.80 0.00	36.07 0.51 0.00	33.21 0.43 0.00	40.25 0.44 0.00	34.51 0.66 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	26.20 1.33 0.00	25.95 1.16 0.00	24.95 1.00 0.00	24.67 0.94 0.00	24.88 0.91 0.00	24.59 0.88 0.00	25.18 0.97 0.00	25.91 1.03 0.00	24.34 1.13 0.00	27.72 1.27 0.00	28.00 1.42 -0.16	30.79 1.89 -0.12	35.61 2.25 -0.65	39.13 2.69 -0.60	42.70 3.17 -0.65	46.18 3.65 -0.64	50.43 3.95 0.00	56.79 4.42 -0.31	39.52 2.96 0.00	37.18 2.72 0.00	38.25 2.69 0.00	35.05 2.28 0.00	42.43 2.62 0.00	36.03 2.18 0.00
PEEKSKILL___ 23653	25.96 1.09 0.00	25.69 0.90 0.00	24.72 0.77 0.00	24.44 0.71 0.00	24.66 0.69 0.00	24.36 0.65 0.00	24.93 0.71 0.00	25.66 0.78 0.00	24.10 0.89 0.00	27.44 0.99 0.00	27.70 1.10 -0.18	30.48 1.56 -0.13	35.32 1.88 -0.73	38.78 2.27 -0.67	42.31 2.71 -0.73	45.75 3.15 -0.71	49.85 3.38 0.00	56.09 3.68 -0.35	38.96 2.41 0.00	36.66 2.20 0.00	37.74 2.18 0.00	34.61 1.83 0.00	41.89 2.08 0.00	35.59 1.74 0.00
PGE MADISON___WINDPWR 24146	26.01 1.14 0.00	25.77 0.98 0.00	24.95 1.00 0.00	24.80 1.07 0.00	25.16 1.19 0.00	25.03 1.33 0.00	25.63 1.41 0.00	26.41 1.53 0.00	24.78 1.58 0.00	28.30 1.84 -0.02	28.58 1.92 -0.23	31.50 2.30 -0.42	35.99 2.57 -0.70	40.17 3.38 -0.96	43.72 3.68 -1.17	47.45 4.18 -1.38	52.61 4.43 -1.71	59.45 5.45 -1.94	41.72 4.14 -1.03	39.25 3.95 -0.84	40.46 3.97 -0.93	36.94 3.42 -0.74	44.97 3.92 -1.24	37.86 3.22 -0.79



PIERCEFIELD___HYD 23852	23.68 -1.18 0.00	24.07 -0.72 0.00	23.32 -0.62 0.00	23.18 -0.55 0.00	23.51 -0.46 0.00	23.28 -0.42 0.00	23.88 -0.34 0.00	24.65 -0.23 0.00	22.78 -0.43 0.00	25.96 -0.49 -0.01	25.59 -0.93 -0.10	27.59 -1.37 -0.18	31.46 -1.56 -0.30	34.07 -2.18 -0.41	36.85 -2.53 -0.51	39.62 -2.86 -0.60	44.42 -2.78 -0.74	50.20 -2.70 -0.84	35.25 -1.75 -0.44	33.30 -1.53 -0.36	34.58 -1.38 -0.40	31.98 -1.11 -0.32	38.89 -1.46 -0.53	32.91 -1.29 -0.34
PINELAWN_CC_1 323563	26.60 1.73 0.00	27.50 1.58 -1.13	25.32 1.37 0.00	25.00 1.27 0.00	25.25 1.28 0.00	24.87 1.17 0.00	25.48 1.26 0.00	26.17 1.29 0.00	24.65 1.44 0.00	27.99 1.54 0.00	27.85 1.25 -0.18	30.53 1.61 -0.14	35.55 2.09 -0.75	38.93 2.40 -0.69	42.45 2.83 -0.75	45.76 3.14 -0.73	50.47 3.58 -0.42	56.28 3.87 -0.35	39.24 2.69 0.00	37.03 2.57 0.00	38.00 2.43 0.00	47.92 2.17 -12.97	43.04 2.99 -0.24	36.45 2.60 0.00
PJM_GEN_HTP_PROXY 323702	26.13 1.27 0.00	25.86 1.08 0.00	24.86 0.91 0.00	24.59 0.86 0.00	24.81 0.83 0.00	24.51 0.80 0.00	25.08 0.86 0.00	25.83 0.95 0.00	24.28 1.07 0.00	27.67 1.23 0.00	27.95 1.35 -0.18	30.76 1.84 -0.14	35.59 2.14 -0.75	39.11 2.58 -0.69	42.66 3.04 -0.75	46.11 3.50 -0.73	50.21 3.73 0.00	56.53 4.11 -0.35	39.19 2.64 0.00	36.86 2.40 0.00	37.97 2.41 0.00	34.82 2.04 0.00	42.13 2.33 0.00	35.83 1.99 0.00
PJM_GEN_KEystone 24065	25.19 0.32 0.00	24.97 0.18 0.00	24.03 0.08 0.00	23.76 0.03 0.00	23.98 0.00 0.00	23.72 0.02 0.00	24.33 0.11 0.00	25.03 0.15 0.00	23.45 0.24 0.00	26.91 0.46 0.00	27.15 0.63 -0.09	29.88 1.02 -0.07	34.25 1.15 -0.39	37.89 1.69 -0.36	41.34 2.07 -0.39	44.32 2.05 -0.38	48.20 1.73 0.00	54.12 1.88 -0.18	37.74 1.18 0.00	35.54 1.08 0.00	36.49 0.93 0.00	33.51 0.74 0.00	40.64 0.83 0.00	34.61 0.77 0.00
PJM_GEN_NEPTUNE_PROXY 323594	26.27 1.41 0.00	26.79 1.25 -0.75	25.02 1.08 0.00	24.73 1.00 0.00	24.96 0.99 0.00	24.62 0.91 0.00	25.20 0.98 0.00	25.90 1.02 0.00	24.37 1.16 0.00	27.69 1.24 0.00	27.68 1.08 -0.18	30.52 1.60 -0.14	35.55 2.09 -0.75	39.00 2.47 -0.69	42.62 3.00 -0.75	45.94 3.33 -0.73	50.45 3.65 -0.32	56.42 4.00 -0.35	39.26 2.70 0.00	36.94 2.48 0.00	37.90 2.34 0.00	44.74 2.02 -9.94	42.46 2.47 -0.18	36.00 2.16 0.00
PJM_GEN_VFT_PROXY 323633	26.07 1.21 0.00	25.79 1.00 0.00	24.81 0.86 0.00	24.53 0.80 0.00	24.74 0.77 0.00	24.45 0.74 0.00	25.02 0.80 0.00	25.76 0.88 0.00	24.22 1.02 0.00	27.59 1.15 0.00	27.89 1.30 -0.18	30.71 1.79 -0.14	35.52 2.06 -0.75	39.01 2.49 -0.69	42.53 2.90 -0.75	45.95 3.33 -0.73	50.00 3.53 0.00	56.27 3.86 -0.35	39.01 2.45 0.00	36.75 2.28 0.00	37.86 2.30 0.00	34.70 1.92 0.00	41.95 2.14 0.00	35.69 1.85 0.00
PLATSBURG_115KV_PMLD1 355749	24.12 -0.74 0.00	24.01 -0.78 0.00	23.35 -0.59 0.00	23.47 -0.25 0.00	24.07 0.10 0.00	23.83 0.12 0.00	24.55 0.33 0.00	25.48 0.60 0.00	23.67 0.47 0.00	26.90 0.46 0.00	26.78 0.36 0.00	28.92 0.14 0.00	32.86 0.15 0.00	35.51 -0.33 0.00	38.47 -0.40 0.00	41.47 -0.42 0.00	46.12 -0.35 0.00	52.05 -0.01 0.00	36.85 0.29 0.00	34.80 0.34 0.00	36.05 0.49 0.00	33.23 0.45 0.00	40.39 0.58 0.00	34.34 0.49 0.00
PLEASANTVLY___LBMP 24000	25.81 0.94 0.00	25.59 0.80 0.00	24.64 0.69 0.00	24.38 0.65 0.00	24.58 0.61 0.00	24.29 0.58 0.00	24.87 0.65 0.00	25.56 0.68 0.00	23.96 0.75 0.00	27.25 0.80 0.00	27.51 0.88 -0.21	30.20 1.26 -0.16	35.06 1.50 -0.85	38.43 1.81 -0.78	41.90 2.17 -0.85	45.27 2.55 -0.83	49.21 2.74 0.00	55.44 2.97 -0.40	38.53 1.98 0.00	36.30 1.83 0.00	37.38 1.82 0.00	34.29 1.51 0.00	41.56 1.75 0.00	35.32 1.48 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	26.04 1.17 0.00	25.78 1.00 0.00	24.81 0.86 0.00	24.54 0.81 0.00	24.74 0.77 0.00	24.45 0.74 0.00	25.05 0.82 0.00	25.75 0.87 0.00	24.17 0.97 0.00	27.52 1.07 0.00	27.79 1.19 -0.18	30.56 1.64 -0.14	35.41 1.94 -0.76	38.87 2.33 -0.69	42.42 2.79 -0.76	45.87 3.24 -0.74	49.96 3.48 0.00	56.23 3.81 -0.36	39.06 2.50 0.00	36.76 2.29 0.00	37.82 2.26 0.00	34.68 1.90 0.00	42.00 2.19 0.00	35.71 1.87 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	26.04 1.17 0.00	25.78 1.00 0.00	24.81 0.86 0.00	24.54 0.81 0.00	24.74 0.77 0.00	24.45 0.74 0.00	25.05 0.82 0.00	25.75 0.87 0.00	24.17 0.97 0.00	27.52 1.07 0.00	27.79 1.19 -0.18	30.56 1.64 -0.14	35.41 1.94 -0.76	38.87 2.33 -0.69	42.42 2.79 -0.76	45.87 3.24 -0.74	49.96 3.48 0.00	56.23 3.81 -0.36	39.06 2.50 0.00	36.76 2.29 0.00	37.82 2.26 0.00	34.68 1.90 0.00	42.00 2.19 0.00	35.71 1.87 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	26.02 1.15 0.00	25.79 1.00 0.00	24.80 0.85 0.00	24.54 0.81 0.00	24.74 0.77 0.00	24.45 0.75 0.00	25.04 0.82 0.00	25.74 0.86 0.00	24.15 0.95 0.00	27.48 1.03 0.00	27.57 1.15 0.00	30.35 1.58 0.00	34.57 1.86 0.00	38.09 2.25 0.00	41.50 2.63 0.00	44.93 3.04 0.00	49.75 3.28 0.00	55.78 3.72 0.00	39.06 2.51 0.00	36.80 2.33 0.00	37.87 2.31 0.00	34.73 1.95 0.00	42.05 2.24 0.00	35.71 1.87 0.00
POLETTI_____ 23519	26.10 1.24 0.00	25.83 1.04 0.00	24.83 0.89 0.00	24.56 0.84 0.00	24.79 0.82 0.00	24.49 0.78 0.00	25.09 0.87 0.00	25.81 0.93 0.00	24.28 1.07 0.00	27.65 1.20 0.00	27.94 1.35 -0.18	30.75 1.83 -0.14	35.58 2.13 -0.75	39.09 2.56 -0.69	42.63 3.01 -0.75	46.08 3.46 -0.73	50.16 3.69 0.00	56.47 4.05 -0.35	39.15 2.59 0.00	36.85 2.38 0.00	37.94 2.39 0.00	34.80 2.02 0.00	42.09 2.29 0.00	35.81 1.97 0.00
POMONA___ESR 323819	25.95 1.08 0.00	25.67 0.88 0.00	24.68 0.74 0.00	24.41 0.69 0.00	24.63 0.66 0.00	24.33 0.62 0.00	24.91 0.69 0.00	25.65 0.77 0.00	24.09 0.88 0.00	27.44 0.99 0.00	27.71 1.13 -0.16	30.52 1.62 -0.13	35.36 1.97 -0.68	38.87 2.40 -0.63	42.43 2.87 -0.68	45.89 3.34 -0.67	50.06 3.58 0.00	56.30 3.91 -0.32	39.11 2.55 0.00	36.79 2.32 0.00	37.83 2.27 0.00	34.68 1.90 0.00	41.96 2.15 0.00	35.62 1.78 0.00
PORT_JEFF_3 23555	26.63 1.77 0.00	27.54 1.62 -1.13	25.36 1.41 0.00	25.04 1.31 0.00	25.29 1.31 0.00	24.90 1.19 0.00	25.51 1.29 0.00	26.18 1.31 0.00	24.67 1.46 0.00	28.01 1.56 0.00	27.80 1.20 -0.18	30.66 1.75 -0.14	35.88 2.42 -0.75	39.29 2.76 -0.69	43.03 3.42 -0.75	46.34 3.72 -0.73	51.05 4.15 -0.42	56.79 4.38 -0.35	39.60 3.04 0.00	37.39 2.93 0.00	38.24 2.68 0.00	47.98 2.23 -12.97	42.84 2.79 -0.24	36.37 2.52 0.00
PORT_JEFF_4 23616	26.63 1.77 0.00	27.54 1.62 -1.13	25.36 1.41 0.00	25.04 1.31 0.00	25.29 1.31 0.00	24.90 1.19 0.00	25.51 1.29 0.00	26.18 1.31 0.00	24.67 1.46 0.00	28.01 1.56 0.00	27.80 1.20 -0.18	30.66 1.75 -0.14	35.88 2.42 -0.75	39.29 2.76 -0.69	43.03 3.42 -0.75	46.34 3.72 -0.73	51.05 4.15 -0.42	56.79 4.38 -0.35	39.60 3.04 0.00	37.39 2.93 0.00	38.24 2.68 0.00	47.98 2.23 -12.97	42.84 2.79 -0.24	36.37 2.52 0.00



PORT_JEFF_IC 23713	26.66 1.79 0.00	27.56 1.64 -1.13	25.38 1.43 0.00	25.06 1.33 0.00	25.30 1.33 0.00	24.91 1.20 0.00	25.56 1.34 0.00	26.22 1.34 0.00	24.71 1.50 0.00	28.06 1.61 0.00	27.85 1.26 -0.18	30.77 1.85 -0.14	36.02 2.56 -0.75	39.45 2.92 -0.69	43.23 3.61 -0.75	46.56 3.94 -0.73	51.28 4.38 -0.42	56.84 4.43 -0.35	39.65 3.09 0.00	37.54 3.08 0.00	38.38 2.82 0.00	48.10 2.35 -12.97	42.97 2.92 -0.24	36.46 2.61 0.00
PPL PILGRIM_ST_GT1 24216	26.72 1.86 0.00	27.64 1.73 -1.13	25.48 1.53 0.00	25.16 1.43 0.00	25.41 1.44 0.00	25.02 1.32 0.00	25.64 1.42 0.00	26.32 1.45 0.00	24.79 1.58 0.00	28.15 1.70 0.00	27.94 1.34 -0.18	30.87 1.95 -0.14	36.06 2.60 -0.75	39.43 2.90 -0.69	43.17 3.55 -0.75	46.39 3.77 -0.73	51.08 4.18 -0.42	56.85 4.44 -0.35	39.88 3.32 0.00	37.65 3.19 0.00	38.55 2.99 0.00	48.29 2.54 -12.97	43.17 3.12 -0.24	36.60 2.76 0.00
PPL PILGRIM_ST_GT2 24217	26.72 1.86 0.00	27.64 1.73 -1.13	25.48 1.53 0.00	25.16 1.43 0.00	25.41 1.44 0.00	25.02 1.32 0.00	25.64 1.42 0.00	26.32 1.45 0.00	24.79 1.58 0.00	28.15 1.70 0.00	27.94 1.34 -0.18	30.87 1.95 -0.14	36.06 2.60 -0.75	39.43 2.90 -0.69	43.17 3.55 -0.75	46.39 3.77 -0.73	51.08 4.18 -0.42	56.85 4.44 -0.35	39.88 3.32 0.00	37.65 3.19 0.00	38.55 2.99 0.00	48.29 2.54 -12.97	43.17 3.12 -0.24	36.60 2.76 0.00
PPL_SHRM_GT3 24213	26.59 1.73 0.00	27.47 1.55 -1.13	25.27 1.33 0.00	24.94 1.21 0.00	25.18 1.21 0.00	24.79 1.09 0.00	25.41 1.19 0.00	26.10 1.22 0.00	24.62 1.42 0.00	28.00 1.55 0.00	27.80 1.20 -0.18	30.70 1.79 -0.14	35.91 2.45 -0.75	39.33 2.80 -0.69	43.16 3.54 -0.75	46.46 3.84 -0.73	51.21 4.31 -0.42	57.19 4.77 -0.35	39.90 3.35 0.00	37.59 3.12 0.00	38.38 2.82 0.00	48.05 2.30 -12.97	42.91 2.86 -0.24	36.36 2.51 0.00
PPL_SHRM_GT4 24214	26.59 1.73 0.00	27.47 1.55 -1.13	25.27 1.33 0.00	24.94 1.21 0.00	25.18 1.21 0.00	24.79 1.09 0.00	25.41 1.19 0.00	26.10 1.22 0.00	24.62 1.42 0.00	28.00 1.55 0.00	27.80 1.20 -0.18	30.70 1.79 -0.14	35.91 2.45 -0.75	39.33 2.80 -0.69	43.16 3.54 -0.75	46.46 3.84 -0.73	51.21 4.31 -0.42	57.19 4.77 -0.35	39.90 3.35 0.00	37.59 3.12 0.00	38.38 2.82 0.00	48.05 2.30 -12.97	42.91 2.86 -0.24	36.36 2.51 0.00
PROJECT___ORANGE 1 24174	24.85 -0.01 0.00	24.73 -0.06 0.00	23.86 -0.09 0.00	23.61 -0.12 0.00	23.83 -0.15 0.00	23.57 -0.13 0.00	24.05 -0.17 0.00	24.66 -0.22 0.00	23.05 -0.16 0.00	26.41 -0.06 -0.02	26.81 0.07 -0.33	29.62 0.25 -0.59	33.99 0.29 -0.99	37.72 0.53 -1.34	41.18 0.66 -1.65	44.43 0.60 -1.94	49.31 0.44 -2.40	55.33 0.55 -2.72	38.31 0.32 -1.44	35.91 0.26 -1.18	37.05 0.18 -1.31	33.90 0.09 -1.04	41.62 0.07 -1.74	35.00 0.04 -1.11
PROJECT___ORANGE 2 24166	24.85 -0.01 0.00	24.73 -0.06 0.00	23.86 -0.09 0.00	23.61 -0.12 0.00	23.83 -0.15 0.00	23.57 -0.13 0.00	24.05 -0.17 0.00	24.66 -0.22 0.00	23.05 -0.16 0.00	26.41 -0.06 -0.02	26.81 0.07 -0.33	29.62 0.25 -0.59	33.99 0.29 -0.99	37.72 0.53 -1.34	41.18 0.66 -1.65	44.43 0.60 -1.94	49.31 0.44 -2.40	55.33 0.55 -2.72	38.31 0.32 -1.44	35.91 0.26 -1.18	37.05 0.18 -1.31	33.90 0.09 -1.04	41.62 0.07 -1.74	35.00 0.04 -1.11
PUCKETT___SOLAR 323809	25.23 0.36 0.00	25.05 0.26 0.00	24.17 0.22 0.00	23.96 0.23 0.00	24.25 0.28 0.00	24.06 0.36 0.00	24.59 0.36 0.00	25.31 0.43 0.00	23.67 0.46 0.00	27.08 0.62 -0.01	27.35 0.72 -0.21	30.02 0.86 -0.39	34.33 0.97 -0.65	38.26 1.54 -0.88	41.76 1.81 -1.08	45.08 1.92 -1.27	49.73 1.69 -1.57	56.18 2.34 -1.78	39.19 1.69 -0.94	36.82 1.59 -0.77	37.95 1.53 -0.86	34.73 1.27 -0.68	42.39 1.44 -1.14	35.76 1.18 -0.73
PYRITES___HYD 24023	24.39 -0.47 0.00	24.73 -0.06 0.00	23.95 0.01 0.00	23.78 0.05 0.00	24.12 0.15 0.00	23.88 0.17 0.00	24.50 0.28 0.00	25.26 0.37 0.00	23.22 0.02 0.00	26.46 0.01 -0.01	26.01 -0.50 -0.09	27.98 -0.96 -0.16	31.89 -1.10 -0.28	34.44 -1.78 -0.38	37.25 -2.08 -0.46	40.02 -2.41 -0.55	44.92 -2.23 -0.67	50.84 -1.99 -0.77	35.79 -1.17 -0.41	34.05 -0.75 -0.33	35.46 -0.47 -0.37	32.83 -0.24 -0.29	39.93 -0.37 -0.49	33.77 -0.39 -0.31
QUAKERRD_115KV_BK1 80622	24.58 -0.28 0.00	24.48 -0.31 0.00	23.59 -0.36 0.00	23.26 -0.47 0.00	23.47 -0.50 0.00	23.23 -0.48 0.00	23.73 -0.49 0.00	24.38 -0.50 0.00	22.79 -0.42 0.00	26.37 -0.08 0.00	26.56 0.14 0.00	29.15 0.37 0.00	33.17 0.46 0.00	36.68 0.84 0.00	40.00 1.12 0.00	42.60 0.71 0.00	46.67 0.20 0.00	52.30 0.24 0.00	36.63 0.08 0.00	34.46 0.00 0.00	35.39 -0.17 0.00	32.55 -0.23 0.00	39.43 -0.38 0.00	33.64 -0.20 0.00
QUENSBRY_115KV_TB8 356137	26.27 1.41 0.00	26.11 1.32 0.00	25.21 1.27 0.00	24.98 1.25 0.00	25.11 1.14 0.00	24.79 1.08 0.00	25.41 1.18 0.00	26.11 1.24 0.00	24.37 1.16 0.00	27.55 1.10 0.17	27.15 0.90 0.13	29.77 1.13 0.71	33.04 1.04 0.71	36.60 1.41 0.65	39.88 1.71 0.71	43.26 2.07 0.69	49.20 2.72 0.00	54.82 3.10 0.33	39.33 2.78 0.00	37.21 2.75 0.00	38.40 2.84 0.00	35.02 2.24 0.00	42.80 3.00 0.00	36.40 2.55 0.00
RAMAPO___LBMP 323565	25.84 0.98 0.00	25.56 0.78 0.00	24.59 0.65 0.00	24.33 0.60 0.00	24.54 0.57 0.00	24.24 0.54 0.00	24.85 0.63 0.00	25.55 0.67 0.00	23.98 0.78 0.00	27.32 0.87 -0.16	27.58 1.00 -0.12	30.35 1.45 -0.12	35.16 1.77 -0.68	38.63 2.17 -0.62	42.15 2.59 -0.68	45.57 3.02 -0.66	49.71 3.24 0.00	55.89 3.51 -0.32	38.85 2.30 0.00	36.56 2.10 0.00	37.61 2.05 0.00	34.48 1.70 0.00	41.73 1.93 0.00	35.44 1.59 0.00
RANKINE____ 23646	24.87 0.00 0.00	24.83 0.04 0.00	23.95 0.00 0.00	23.56 -0.17 0.00	23.79 -0.18 0.00	23.59 -0.12 0.00	24.15 -0.07 0.00	24.88 0.00 0.00	23.24 0.04 0.00	27.13 0.68 0.00	27.42 1.01 0.00	30.15 1.37 0.00	34.25 1.54 0.00	38.09 2.25 0.00	41.55 2.68 0.00	43.91 2.02 0.00	47.65 1.18 0.00	53.34 1.28 0.00	37.32 0.76 0.00	35.19 0.73 0.00	36.01 0.45 0.00	33.15 0.37 0.00	40.17 0.37 0.00	34.49 0.65 0.00
RAVENSWOOD_GT2_1 24244	26.17 1.30 0.00	25.89 1.10 0.00	24.90 0.95 0.00	24.63 0.90 0.00	24.84 0.87 0.00	24.55 0.84 0.00	25.16 0.94 0.00	25.87 0.99 0.00	24.32 1.12 0.00	27.70 1.25 0.00	27.98 1.39 -0.18	30.79 1.87 -0.14	35.64 2.18 -0.75	39.15 2.62 -0.69	42.69 3.07 -0.75	46.15 3.53 -0.73	50.24 3.76 0.00	56.56 4.15 -0.35	39.22 2.67 0.00	36.92 2.46 0.00	38.02 2.46 0.00	34.86 2.08 0.00	42.18 2.37 0.00	35.89 2.04 0.00
RAVENSWOOD_GT2_2 24245	26.17 1.30 0.00	25.89 1.10 0.00	24.90 0.95 0.00	24.63 0.90 0.00	24.84 0.87 0.00	24.55 0.84 0.00	25.16 0.94 0.00	25.87 0.99 0.00	24.32 1.12 0.00	27.70 1.25 0.00	27.98 1.39 -0.18	30.79 1.87 -0.14	35.64 2.18 -0.75	39.15 2.62 -0.69	42.69 3.07 -0.75	46.15 3.53 -0.73	50.24 3.76 0.00	56.56 4.15 -0.35	39.22 2.67 0.00	36.92 2.46 0.00	38.02 2.46 0.00	34.86 2.08 0.00	42.18 2.37 0.00	35.89 2.04 0.00



RAVENSWOOD_GT2_3 24246	26.18 1.31 0.00	25.91 1.12 0.00	24.91 0.96 0.00	24.64 0.91 0.00	24.86 0.89 0.00	24.56 0.85 0.00	25.17 0.95 0.00	25.89 1.01 0.00	24.33 1.13 0.00	27.72 1.27 0.00	28.00 1.40 -0.18	30.81 1.89 -0.14	35.66 2.20 -0.75	39.17 2.64 -0.69	42.72 3.10 -0.75	46.19 3.57 -0.73	50.27 3.80 0.00	56.58 4.17 -0.35	39.25 2.69 0.00	36.95 2.49 0.00	38.04 2.48 0.00	34.89 2.12 0.00	42.21 2.40 0.00	35.91 2.06 0.00
RAVENSWOOD_GT2_4 24247	26.18 1.31 0.00	25.91 1.12 0.00	24.91 0.96 0.00	24.64 0.91 0.00	24.86 0.89 0.00	24.56 0.85 0.00	25.17 0.95 0.00	25.89 1.01 0.00	24.33 1.13 0.00	27.72 1.27 0.00	28.00 1.40 -0.18	30.81 1.89 -0.14	35.66 2.20 -0.75	39.17 2.64 -0.69	42.72 3.10 -0.75	46.19 3.57 -0.73	50.27 3.80 0.00	56.58 4.17 -0.35	39.25 2.69 0.00	36.95 2.49 0.00	38.04 2.48 0.00	34.89 2.12 0.00	42.21 2.40 0.00	35.91 2.06 0.00
RAVENSWOOD_GT3_1 24248	26.17 1.30 0.00	25.89 1.10 0.00	24.90 0.95 0.00	24.63 0.90 0.00	24.84 0.87 0.00	24.55 0.84 0.00	25.16 0.94 0.00	25.87 0.99 0.00	24.33 1.12 0.00	27.70 1.25 0.00	27.98 1.39 -0.18	30.79 1.87 -0.14	35.64 2.18 -0.75	39.15 2.62 -0.69	42.70 3.07 -0.75	46.15 3.53 -0.73	50.24 3.76 0.00	56.56 4.15 -0.35	39.22 2.67 0.00	36.92 2.46 0.00	38.02 2.46 0.00	34.87 2.09 0.00	42.19 2.38 0.00	35.89 2.04 0.00
RAVENSWOOD_GT3_2 24249	26.17 1.30 0.00	25.89 1.10 0.00	24.90 0.95 0.00	24.63 0.90 0.00	24.84 0.87 0.00	24.55 0.84 0.00	25.16 0.94 0.00	25.87 0.99 0.00	24.33 1.12 0.00	27.70 1.25 0.00	27.98 1.39 -0.18	30.79 1.87 -0.14	35.64 2.18 -0.75	39.15 2.62 -0.69	42.70 3.07 -0.75	46.15 3.53 -0.73	50.24 3.76 0.00	56.56 4.15 -0.35	39.22 2.67 0.00	36.92 2.46 0.00	38.02 2.46 0.00	34.87 2.09 0.00	42.19 2.38 0.00	35.89 2.04 0.00
RAVENSWOOD_GT3_3 24250	26.21 1.34 0.00	25.94 1.15 0.00	24.93 0.99 0.00	24.67 0.94 0.00	24.89 0.92 0.00	24.59 0.88 0.00	25.20 0.97 0.00	25.91 1.04 0.00	24.37 1.16 0.00	27.75 1.31 0.00	28.04 1.44 -0.18	30.85 1.94 -0.14	35.71 2.25 -0.75	39.22 2.70 -0.69	42.79 3.16 -0.75	46.25 3.63 -0.73	50.34 3.87 0.00	56.67 4.25 -0.35	39.31 2.75 0.00	36.99 2.53 0.00	38.09 2.53 0.00	34.93 2.15 0.00	42.26 2.46 0.00	35.95 2.11 0.00
RAVENSWOOD_GT3_4 24251	26.21 1.34 0.00	25.94 1.15 0.00	24.93 0.99 0.00	24.67 0.94 0.00	24.89 0.92 0.00	24.59 0.88 0.00	25.20 0.97 0.00	25.91 1.04 0.00	24.37 1.16 0.00	27.75 1.31 0.00	28.04 1.44 -0.18	30.85 1.94 -0.14	35.71 2.25 -0.75	39.22 2.70 -0.69	42.79 3.16 -0.75	46.25 3.63 -0.73	50.34 3.87 0.00	56.67 4.25 -0.35	39.31 2.75 0.00	36.99 2.53 0.00	38.09 2.53 0.00	34.93 2.15 0.00	42.26 2.46 0.00	35.95 2.11 0.00
RAVENSWOOD_GT_1 23729	26.23 1.37 0.00	25.96 1.17 0.00	24.96 1.01 0.00	24.70 0.97 0.00	24.94 0.96 0.00	24.63 0.92 0.00	25.24 1.02 0.00	25.97 1.09 0.00	24.39 1.19 0.00	27.79 1.34 0.00	28.07 1.47 -0.18	30.86 1.94 -0.14	35.71 2.25 -0.75	39.22 2.69 -0.69	42.78 3.16 -0.75	46.24 3.63 -0.73	50.33 3.86 0.00	56.66 4.25 -0.35	39.27 2.72 0.00	36.99 2.52 0.00	38.05 2.49 0.00	34.92 2.14 0.00	42.23 2.42 0.00	35.95 2.10 0.00
RAVENSWOOD_GT_10 24258	26.17 1.30 0.00	25.89 1.10 0.00	24.90 0.95 0.00	24.63 0.90 0.00	24.84 0.87 0.00	24.55 0.84 0.00	25.15 0.93 0.00	25.87 0.99 0.00	24.32 1.11 0.00	27.70 1.25 0.00	27.98 1.39 -0.18	30.79 1.87 -0.14	35.64 2.18 -0.75	39.15 2.62 -0.69	42.70 3.07 -0.75	46.15 3.53 -0.73	50.24 3.76 0.00	56.56 4.15 -0.35	39.22 2.67 0.00	36.92 2.46 0.00	38.02 2.46 0.00	34.86 2.09 0.00	42.19 2.38 0.00	35.89 2.04 0.00
RAVENSWOOD_GT_11 24259	26.17 1.30 0.00	25.89 1.10 0.00	24.90 0.95 0.00	24.63 0.90 0.00	24.84 0.87 0.00	24.55 0.84 0.00	25.15 0.93 0.00	25.87 0.99 0.00	24.32 1.11 0.00	27.70 1.25 0.00	27.98 1.39 -0.18	30.79 1.87 -0.14	35.64 2.18 -0.75	39.15 2.62 -0.69	42.70 3.07 -0.75	46.15 3.53 -0.73	50.24 3.76 0.00	56.56 4.15 -0.35	39.22 2.67 0.00	36.92 2.46 0.00	38.02 2.46 0.00	34.86 2.09 0.00	42.19 2.38 0.00	35.89 2.04 0.00
RAVENSWOOD_GT_4 24252	26.16 1.30 0.00	25.89 1.10 0.00	24.90 0.95 0.00	24.63 0.90 0.00	24.84 0.87 0.00	24.54 0.83 0.00	25.14 0.92 0.00	25.86 0.99 0.00	24.32 1.11 0.00	27.70 1.25 0.00	27.98 1.38 -0.18	30.79 1.87 -0.14	35.63 2.18 -0.75	39.14 2.62 -0.69	42.68 3.06 -0.75	46.15 3.53 -0.73	50.24 3.76 0.00	56.56 4.14 -0.35	39.22 2.67 0.00	36.92 2.46 0.00	38.01 2.46 0.00	34.86 2.08 0.00	42.18 2.37 0.00	35.88 2.04 0.00
RAVENSWOOD_GT_5 24254	26.16 1.30 0.00	25.89 1.10 0.00	24.90 0.95 0.00	24.63 0.90 0.00	24.84 0.87 0.00	24.54 0.83 0.00	25.14 0.92 0.00	25.86 0.99 0.00	24.32 1.11 0.00	27.70 1.25 0.00	27.98 1.38 -0.18	30.79 1.87 -0.14	35.63 2.18 -0.75	39.14 2.62 -0.69	42.68 3.06 -0.75	46.15 3.53 -0.73	50.24 3.76 0.00	56.56 4.14 -0.35	39.22 2.67 0.00	36.92 2.46 0.00	38.01 2.46 0.00	34.86 2.08 0.00	42.18 2.37 0.00	35.88 2.04 0.00
RAVENSWOOD_GT_6 24253	26.16 1.30 0.00	25.89 1.10 0.00	24.90 0.95 0.00	24.63 0.90 0.00	24.84 0.87 0.00	24.54 0.83 0.00	25.14 0.92 0.00	25.86 0.99 0.00	24.32 1.11 0.00	27.70 1.25 0.00	27.98 1.38 -0.18	30.79 1.87 -0.14	35.63 2.18 -0.75	39.14 2.62 -0.69	42.68 3.06 -0.75	46.15 3.53 -0.73	50.24 3.76 0.00	56.56 4.14 -0.35	39.22 2.67 0.00	36.92 2.46 0.00	38.01 2.46 0.00	34.86 2.08 0.00	42.18 2.37 0.00	35.88 2.04 0.00
RAVENSWOOD_GT_7 24255	26.16 1.30 0.00	25.89 1.10 0.00	24.90 0.95 0.00	24.63 0.90 0.00	24.84 0.87 0.00	24.54 0.83 0.00	25.14 0.92 0.00	25.86 0.99 0.00	24.32 1.11 0.00	27.70 1.25 0.00	27.98 1.38 -0.18	30.79 1.87 -0.14	35.63 2.18 -0.75	39.14 2.62 -0.69	42.68 3.06 -0.75	46.15 3.53 -0.73	50.24 3.76 0.00	56.56 4.14 -0.35	39.22 2.67 0.00	36.92 2.46 0.00	38.01 2.46 0.00	34.86 2.08 0.00	42.18 2.37 0.00	35.88 2.04 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	26.17 1.30 0.00	25.89 1.10 0.00	24.90 0.95 0.00	24.63 0.90 0.00	24.84 0.87 0.00	24.55 0.84 0.00	25.15 0.93 0.00	25.87 0.99 0.00	24.32 1.11 0.00	27.70 1.25 0.00	27.98 1.39 -0.18	30.79 1.87 -0.14	35.64 2.18 -0.75	39.15 2.62 -0.69	42.70 3.07 -0.75	46.15 3.53 -0.73	50.24 3.76 0.00	56.56 4.15 -0.35	39.22 2.67 0.00	36.92 2.46 0.00	38.02 2.46 0.00	34.86 2.09 0.00	42.19 2.38 0.00	35.89 2.04 0.00
RAVENSWOOD_GT_9 24257	26.17 1.30 0.00	25.89 1.10 0.00	24.90 0.95 0.00	24.63 0.90 0.00	24.84 0.87 0.00	24.55 0.84 0.00	25.15 0.93 0.00	25.87 0.99 0.00	24.32 1.11 0.00	27.70 1.25 0.00	27.98 1.39 -0.18	30.79 1.87 -0.14	35.64 2.18 -0.75	39.15 2.62 -0.69	42.70 3.07 -0.75	46.15 3.53 -0.73	50.24 3.76 0.00	56.56 4.15 -0.35	39.22 2.67 0.00	36.92 2.46 0.00	38.02 2.46 0.00	34.86 2.09 0.00	42.19 2.38 0.00	35.89 2.04 0.00



RAVENSWOOD___1 23533	26.19 1.33 0.00	25.91 1.13 0.00	24.92 0.97 0.00	24.67 0.94 0.00	24.90 0.93 0.00	24.60 0.89 0.00	25.18 0.95 0.00	25.93 1.05 0.00	24.36 1.15 0.00	27.75 1.30 0.00	28.02 1.43 -0.18	30.81 1.90 -0.14	35.66 2.20 -0.75	39.17 2.64 -0.69	42.74 3.11 -0.75	46.19 3.57 -0.73	50.28 3.81 0.00	56.59 4.17 -0.35	39.25 2.70 0.00	36.97 2.51 0.00	38.05 2.49 0.00	34.91 2.13 0.00	42.21 2.40 0.00	35.93 2.09 0.00
RAVENSWOOD___2 23534	26.19 1.33 0.00	25.91 1.13 0.00	24.92 0.97 0.00	24.67 0.94 0.00	24.90 0.93 0.00	24.60 0.89 0.00	25.18 0.95 0.00	25.93 1.05 0.00	24.36 1.15 0.00	27.75 1.30 0.00	28.02 1.43 -0.18	30.81 1.90 -0.14	35.66 2.20 -0.75	39.17 2.64 -0.69	42.74 3.11 -0.75	46.19 3.57 -0.73	50.28 3.81 0.00	56.59 4.17 -0.35	39.24 2.68 0.00	36.95 2.49 0.00	38.02 2.46 0.00	34.90 2.12 0.00	42.19 2.39 0.00	35.91 2.06 0.00
RAVENSWOOD___3 23535	26.17 1.30 0.00	25.89 1.10 0.00	24.90 0.96 0.00	24.63 0.90 0.00	24.84 0.87 0.00	24.55 0.84 0.00	25.13 0.91 0.00	25.87 0.99 0.00	24.33 1.12 0.00	27.70 1.26 0.00	27.98 1.38 -0.18	30.79 1.87 -0.14	35.64 2.18 -0.75	39.14 2.62 -0.69	42.70 3.07 -0.75	46.15 3.53 -0.73	50.24 3.77 0.00	56.56 4.15 -0.35	39.22 2.67 0.00	36.92 2.46 0.00	38.02 2.46 0.00	34.87 2.10 0.00	42.19 2.38 0.00	35.89 2.04 0.00
RAVENSWOOD___4 23820	26.19 1.33 0.00	25.91 1.13 0.00	24.92 0.97 0.00	24.67 0.94 0.00	24.90 0.93 0.00	24.60 0.89 0.00	25.18 0.95 0.00	25.93 1.05 0.00	24.36 1.15 0.00	27.75 1.30 0.00	28.02 1.43 -0.18	30.81 1.90 -0.14	35.66 2.20 -0.75	39.17 2.64 -0.69	42.74 3.11 -0.75	46.19 3.57 -0.73	50.28 3.81 0.00	56.59 4.17 -0.35	39.24 2.68 0.00	36.95 2.49 0.00	38.02 2.46 0.00	34.90 2.12 0.00	42.19 2.39 0.00	35.91 2.06 0.00
RCPL_TRUST___DRP 24196	26.16 1.30 0.00	25.89 1.10 0.00	24.88 0.93 0.00	24.61 0.88 0.00	24.82 0.85 0.00	24.52 0.82 0.00	25.12 0.90 0.00	25.85 0.97 0.00	24.30 1.10 0.00	27.70 1.25 0.00	27.98 1.39 -0.18	30.80 1.89 -0.14	35.65 2.19 -0.75	39.17 2.64 -0.69	42.72 3.10 -0.75	46.19 3.57 -0.73	50.28 3.80 0.00	56.61 4.20 -0.35	39.25 2.70 0.00	36.91 2.45 0.00	38.01 2.45 0.00	34.86 2.08 0.00	42.18 2.37 0.00	35.87 2.02 0.00
RED___ROCHESTER 323720	25.36 0.50 0.00	25.24 0.45 0.00	24.32 0.37 0.00	23.95 0.22 0.00	24.16 0.19 0.00	23.90 0.20 0.00	24.49 0.27 0.00	25.09 0.21 0.00	23.46 0.25 0.00	27.23 0.78 0.00	27.48 1.07 0.00	30.21 1.43 0.00	34.42 1.71 0.00	38.10 2.26 0.00	41.57 2.69 0.00	44.14 2.26 0.00	48.28 1.80 0.00	54.13 2.07 0.00	37.89 1.34 0.00	35.63 1.17 0.00	36.54 0.97 0.00	33.62 0.84 0.00	40.69 0.88 0.00	34.74 0.90 0.00
REGAN___SOLAR 323812	27.57 2.71 0.00	27.39 2.60 0.00	26.38 2.43 0.00	26.11 2.39 0.00	26.39 2.42 0.00	26.11 2.40 0.00	26.32 2.10 0.00	26.65 1.77 0.00	24.14 0.93 0.00	28.57 2.12 0.00	27.41 1.11 0.11	29.21 0.52 0.09	32.94 0.70 0.47	36.50 1.08 0.43	41.48 3.08 0.47	44.19 2.77 0.46	51.86 5.38 0.00	57.72 5.88 0.22	42.44 5.89 0.00	39.70 5.23 0.00	41.04 5.48 0.00	37.65 4.87 0.00	45.54 5.74 0.00	38.51 4.66 0.00
RENSSELAER___COGEN 23796	25.39 0.53 0.00	25.29 0.50 0.00	24.44 0.49 0.00	24.22 0.49 0.00	24.42 0.45 0.00	24.13 0.42 0.00	24.63 0.41 0.00	25.27 0.39 0.00	23.58 0.37 0.00	26.57 0.12 0.00	26.45 0.20 0.16	28.97 0.31 0.12	32.35 0.28 0.65	35.53 0.29 0.59	38.65 0.43 0.65	41.89 0.64 0.63	47.25 0.78 0.00	52.49 0.73 0.31	37.13 0.57 0.00	35.05 0.59 0.00	36.22 0.66 0.00	33.27 0.50 0.00	40.41 0.60 0.00	34.35 0.50 0.00
REPUBLIC_115KV_BARTNBRK 55605	27.88 3.02 0.00	27.66 2.87 0.00	26.69 2.75 0.00	26.51 2.78 0.00	26.55 2.58 0.00	26.17 2.46 0.00	26.97 2.75 0.00	27.88 3.00 0.00	25.81 2.61 0.00	29.01 2.56 0.00	28.48 2.24 0.17	31.35 2.70 0.13	34.68 2.68 0.71	38.77 3.58 0.66	41.88 3.73 0.72	45.86 4.68 0.70	52.26 5.78 0.00	58.14 6.42 0.34	41.82 5.26 0.00	39.88 5.42 0.00	41.09 5.53 0.00	37.33 4.55 0.00	45.91 6.10 0.00	39.23 5.38 0.00
REVERE_CPPR_DRP 24186	25.58 0.71 0.00	25.58 0.79 0.00	24.74 0.79 0.00	24.50 0.78 0.00	24.73 0.76 0.00	24.50 0.79 0.00	25.01 0.79 0.00	25.66 0.78 0.00	23.96 0.75 0.00	27.30 0.84 -0.01	27.40 0.81 -0.16	30.10 1.02 -0.30	34.39 1.18 -0.50	37.92 1.40 -0.68	41.40 1.70 -0.83	44.54 1.68 -0.98	49.82 2.13 -1.21	56.18 2.75 -1.37	39.23 1.95 -0.73	36.91 1.85 -0.60	38.14 1.92 -0.66	34.96 1.66 -0.52	42.46 1.77 -0.88	35.77 1.37 -0.56
REYNOLDS_115KV_TB3 80639	25.51 0.65 0.00	25.43 0.64 0.00	24.60 0.65 0.00	24.37 0.64 0.00	24.56 0.59 0.00	24.27 0.56 0.00	24.78 0.55 0.00	25.40 0.52 0.00	23.70 0.49 0.00	26.75 0.30 0.00	26.57 0.34 0.19	29.13 0.49 0.14	32.40 0.47 0.78	35.60 0.47 0.71	38.73 0.64 0.78	42.00 0.87 0.76	47.49 1.02 0.00	52.62 0.93 0.37	37.30 0.75 0.00	35.21 0.75 0.00	36.38 0.82 0.00	33.43 0.66 0.00	40.63 0.82 0.00	34.56 0.72 0.00
RIVERBAY____ 323610	26.28 1.41 0.00	26.02 1.24 0.00	25.02 1.08 0.00	24.77 1.05 0.00	25.02 1.04 0.00	24.70 0.99 0.00	25.30 1.08 0.00	26.00 1.12 0.00	24.41 1.20 0.00	27.80 1.36 0.00	28.01 1.42 -0.18	30.77 1.85 -0.14	35.60 2.15 -0.75	39.12 2.59 -0.69	42.74 3.12 -0.75	46.19 3.57 -0.73	50.31 3.84 0.00	56.68 4.26 -0.35	39.29 2.73 0.00	36.99 2.53 0.00	38.01 2.46 0.00	34.92 2.15 0.00	42.24 2.44 0.00	36.02 2.17 0.00
RIVERSIDE_115KV_TB3 55908	25.49 0.63 0.00	25.39 0.60 0.00	24.55 0.60 0.00	24.32 0.59 0.00	24.52 0.55 0.00	24.23 0.52 0.00	24.74 0.51 0.00	25.36 0.49 0.00	23.67 0.46 0.00	26.69 0.24 0.00	26.55 0.30 0.17	29.10 0.45 0.13	32.42 0.43 0.71	35.63 0.45 0.66	38.76 0.61 0.72	42.02 0.83 0.70	47.48 1.00 0.00	52.67 0.95 0.34	37.29 0.74 0.00	35.20 0.73 0.00	36.36 0.80 0.00	33.41 0.63 0.00	40.58 0.77 0.00	34.51 0.66 0.00
ROARING___BROOK_WT_PWR 323790	24.17 -0.70 0.00	24.35 -0.44 0.00	23.66 -0.28 0.00	23.58 -0.15 0.00	23.91 -0.06 0.00	23.66 -0.05 0.00	24.19 -0.02 0.00	24.88 0.00 0.00	23.17 -0.04 0.00	26.40 -0.05 0.00	26.32 -0.10 0.00	28.60 -0.18 0.00	32.50 -0.21 0.00	35.48 -0.36 0.00	38.36 -0.52 0.00	41.23 -0.66 0.00	45.94 -0.54 0.00	51.60 -0.46 0.00	36.24 -0.31 0.00	34.20 -0.27 0.00	35.35 -0.21 0.00	32.58 -0.20 0.00	39.48 -0.33 0.00	33.52 -0.32 0.00
ROCHESRG_115KV_T4 355643	24.97 0.11 0.00	24.88 0.10 0.00	23.98 0.03 0.00	23.63 -0.10 0.00	23.85 -0.12 0.00	23.60 -0.11 0.00	24.12 -0.10 0.00	24.79 -0.09 0.00	23.15 -0.06 0.00	26.84 0.39 0.00	27.05 0.63 0.00	29.69 0.91 0.00	33.79 1.08 0.00	37.39 1.55 0.00	40.79 1.91 0.00	43.36 1.48 0.00	47.42 0.95 0.00	53.14 1.08 0.00	37.21 0.65 0.00	35.01 0.55 0.00	35.94 0.38 0.00	33.07 0.30 0.00	40.06 0.25 0.00	34.23 0.39 0.00



ROCHESTER_9_IC 23652	25.18 0.32 0.00	25.07 0.28 0.00	24.16 0.21 0.00	23.80 0.07 0.00	24.02 0.04 0.00	23.76 0.06 0.00	24.28 0.06 0.00	24.95 0.07 0.00	23.31 0.10 0.00	27.05 0.60 0.00	27.27 0.85 0.00	29.96 1.18 0.00	34.11 1.40 0.00	37.76 1.92 0.00	41.19 2.32 0.00	43.77 1.88 0.00	47.87 1.39 0.00	53.65 1.59 0.00	37.55 1.00 0.00	35.34 0.88 0.00	36.25 0.69 0.00	33.36 0.58 0.00	40.39 0.58 0.00	34.50 0.66 0.00
ROCKVIEW_13_KV_LD 356306	26.16 1.29 0.00	25.89 1.10 0.00	24.90 0.95 0.00	24.63 0.90 0.00	24.84 0.87 0.00	24.54 0.83 0.00	25.14 0.92 0.00	25.86 0.98 0.00	24.30 1.10 0.00	27.67 1.23 0.00	27.95 1.36 -0.18	30.76 1.85 -0.14	35.64 2.18 -0.75	39.15 2.62 -0.69	42.71 3.09 -0.75	46.19 3.57 -0.73	50.29 3.82 0.00	56.62 4.20 -0.35	39.30 2.75 0.00	36.97 2.50 0.00	38.05 2.49 0.00	34.90 2.12 0.00	42.24 2.44 0.00	35.90 2.06 0.00
ROME____115KV_TB2 80656	25.58 0.71 0.00	25.58 0.79 0.00	24.74 0.79 0.00	24.50 0.78 0.00	24.73 0.76 0.00	24.50 0.79 0.00	25.01 0.79 0.00	25.66 0.78 0.00	23.96 0.75 0.00	27.30 0.84 -0.01	27.40 0.81 -0.16	30.10 1.02 -0.30	34.39 1.18 -0.50	37.92 1.40 -0.68	41.40 1.70 -0.83	44.54 1.68 -0.98	49.82 2.13 -1.21	56.18 2.75 -1.37	39.23 1.95 -0.73	36.91 1.85 -0.60	38.14 1.92 -0.66	34.96 1.66 -0.52	42.46 1.77 -0.88	35.77 1.37 -0.56
ROSETON____1 23587	25.79 0.92 0.00	25.56 0.77 0.00	24.61 0.66 0.00	24.35 0.63 0.00	24.56 0.59 0.00	24.27 0.56 0.00	24.83 0.61 0.00	25.54 0.66 0.00	23.95 0.74 0.00	27.24 0.79 0.00	27.46 0.88 -0.16	30.18 1.27 -0.13	34.90 1.51 -0.68	38.31 1.84 -0.63	41.76 2.20 -0.69	45.14 2.58 -0.67	49.24 2.77 0.00	55.40 3.02 -0.32	38.55 2.00 0.00	36.31 1.84 0.00	37.39 1.83 0.00	34.30 1.53 0.00	41.56 1.75 0.00	35.32 1.47 0.00
ROSETON____2 23588	25.79 0.92 0.00	25.56 0.77 0.00	24.61 0.66 0.00	24.35 0.63 0.00	24.56 0.59 0.00	24.27 0.56 0.00	24.83 0.61 0.00	25.54 0.66 0.00	23.95 0.74 0.00	27.24 0.79 0.00	27.46 0.88 -0.16	30.18 1.27 -0.13	34.90 1.51 -0.68	38.31 1.84 -0.63	41.76 2.20 -0.69	45.14 2.58 -0.67	49.24 2.77 0.00	55.40 3.02 -0.32	38.55 2.00 0.00	36.31 1.84 0.00	37.39 1.83 0.00	34.30 1.53 0.00	41.56 1.75 0.00	35.32 1.47 0.00
ROTTDAM_115KV_TB3 80664	25.60 0.73 0.00	25.47 0.69 0.00	24.60 0.65 0.00	24.37 0.64 0.00	24.58 0.61 0.00	24.30 0.59 0.00	24.81 0.59 0.00	25.45 0.57 0.00	23.76 0.55 0.00	26.99 0.55 0.00	26.84 0.56 0.13	29.38 0.70 0.10	32.93 0.78 0.56	36.23 0.90 0.51	39.48 1.16 0.56	42.70 1.36 0.55	48.06 1.58 0.00	53.59 1.79 0.26	37.88 1.33 0.00	35.77 1.31 0.00	36.92 1.36 0.00	33.91 1.13 0.00	41.19 1.39 0.00	35.01 1.17 0.00
RUSSELL____1 23602	25.36 0.50 0.00	25.24 0.46 0.00	24.32 0.37 0.00	23.95 0.22 0.00	24.16 0.19 0.00	23.90 0.19 0.00	24.42 0.20 0.00	25.09 0.21 0.00	23.46 0.25 0.00	27.24 0.79 0.00	27.48 1.06 0.00	30.21 1.43 0.00	34.41 1.69 0.00	38.09 2.25 0.00	41.56 2.69 0.00	44.14 2.26 0.00	48.28 1.81 0.00	54.12 2.07 0.00	37.88 1.32 0.00	35.63 1.17 0.00	36.55 0.99 0.00	33.62 0.84 0.00	40.69 0.88 0.00	34.75 0.90 0.00
RUSSELL____2 23532	25.36 0.50 0.00	25.24 0.46 0.00	24.32 0.37 0.00	23.95 0.22 0.00	24.16 0.19 0.00	23.90 0.19 0.00	24.42 0.20 0.00	25.09 0.21 0.00	23.46 0.25 0.00	27.24 0.79 0.00	27.48 1.06 0.00	30.21 1.43 0.00	34.41 1.69 0.00	38.09 2.25 0.00	41.56 2.69 0.00	44.14 2.26 0.00	48.28 1.81 0.00	54.12 2.07 0.00	37.88 1.32 0.00	35.63 1.17 0.00	36.55 0.99 0.00	33.62 0.84 0.00	40.69 0.88 0.00	34.75 0.90 0.00
RUSSELL____3 23549	25.36 0.50 0.00	25.24 0.46 0.00	24.32 0.37 0.00	23.95 0.22 0.00	24.16 0.19 0.00	23.90 0.19 0.00	24.42 0.20 0.00	25.09 0.21 0.00	23.46 0.25 0.00	27.24 0.79 0.00	27.48 1.06 0.00	30.21 1.43 0.00	34.41 1.69 0.00	38.09 2.25 0.00	41.56 2.69 0.00	44.14 2.26 0.00	48.28 1.81 0.00	54.12 2.07 0.00	37.88 1.32 0.00	35.63 1.17 0.00	36.55 0.99 0.00	33.62 0.84 0.00	40.69 0.88 0.00	34.75 0.90 0.00
RUSSELL____4 23556	25.36 0.50 0.00	25.24 0.46 0.00	24.32 0.37 0.00	23.95 0.22 0.00	24.16 0.19 0.00	23.90 0.19 0.00	24.42 0.20 0.00	25.09 0.21 0.00	23.46 0.25 0.00	27.24 0.79 0.00	27.48 1.06 0.00	30.21 1.43 0.00	34.41 1.69 0.00	38.09 2.25 0.00	41.56 2.69 0.00	44.14 2.26 0.00	48.28 1.81 0.00	54.12 2.07 0.00	37.88 1.32 0.00	35.63 1.17 0.00	36.55 0.99 0.00	33.62 0.84 0.00	40.69 0.88 0.00	34.75 0.90 0.00
RUSSELL____STATION 23914	25.36 0.50 0.00	25.24 0.46 0.00	24.32 0.37 0.00	23.95 0.22 0.00	24.16 0.19 0.00	23.90 0.19 0.00	24.42 0.20 0.00	25.09 0.21 0.00	23.46 0.25 0.00	27.24 0.79 0.00	27.48 1.06 0.00	30.21 1.43 0.00	34.41 1.69 0.00	38.09 2.25 0.00	41.56 2.69 0.00	44.14 2.26 0.00	48.28 1.81 0.00	54.12 2.07 0.00	37.88 1.32 0.00	35.63 1.17 0.00	36.55 0.99 0.00	33.62 0.84 0.00	40.69 0.88 0.00	34.75 0.90 0.00
S SALMON____HYD 24043	24.46 -0.41 0.00	24.52 -0.27 0.00	23.71 -0.23 0.00	23.54 -0.18 0.00	23.77 -0.20 0.00	23.50 -0.21 0.00	23.94 -0.28 0.00	24.53 -0.35 0.00	22.89 -0.32 0.00	26.28 -0.22 -0.05	27.08 -0.12 -0.78	30.12 -0.04 -1.39	34.92 -0.14 -2.34	38.97 -0.04 -3.17	42.75 -0.02 -3.89	46.18 -0.30 -4.60	51.83 -0.31 -5.66	58.43 -0.07 -6.44	39.96 0.00 -3.41	37.33 0.08 -2.79	38.76 0.10 -3.09	35.33 0.10 -2.45	43.86 -0.07 -4.11	36.28 -0.20 -2.63
S.PERRY__115KV_TB1 80734	25.82 0.95 0.00	25.67 0.88 0.00	24.75 0.80 0.00	24.41 0.68 0.00	24.68 0.71 0.00	24.49 0.78 0.00	25.09 0.87 0.00	25.86 0.98 0.00	24.05 0.84 0.00	27.72 1.27 0.00	27.99 1.58 0.00	30.76 1.98 0.00	34.99 2.28 0.00	38.92 3.08 0.00	42.47 3.59 0.00	45.26 3.38 0.00	49.48 3.01 0.00	55.18 3.12 0.00	38.99 2.44 0.00	36.84 2.37 0.00	37.92 2.36 0.00	34.88 2.11 0.00	42.16 2.35 0.00	35.95 2.10 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	24.65 -0.22 0.00	24.62 -0.17 0.00	23.75 -0.19 0.00	23.36 -0.37 0.00	23.58 -0.39 0.00	23.37 -0.33 0.00	23.93 -0.29 0.00	24.63 -0.25 0.00	23.00 -0.21 0.00	26.86 0.41 0.00	27.12 0.71 0.00	29.80 1.02 0.00	33.86 1.15 0.00	37.61 1.77 0.00	41.06 2.19 0.00	43.35 1.47 0.00	47.04 0.57 0.00	52.64 0.58 0.00	36.83 0.28 0.00	34.73 0.27 0.00	35.56 0.00 0.00	32.76 -0.02 0.00	39.71 -0.10 0.00	34.15 0.30 0.00
SAWYER____23_KV_LOAD 55526	24.65 -0.22 0.00	24.62 -0.17 0.00	23.75 -0.19 0.00	23.36 -0.37 0.00	23.58 -0.39 0.00	23.37 -0.33 0.00	23.93 -0.29 0.00	24.63 -0.25 0.00	23.00 -0.21 0.00	26.86 0.41 0.00	27.12 0.71 0.00	29.80 1.02 0.00	33.86 1.15 0.00	37.61 1.77 0.00	41.06 2.19 0.00	43.35 1.47 0.00	47.04 0.57 0.00	52.64 0.58 0.00	36.83 0.28 0.00	34.73 0.27 0.00	35.56 0.00 0.00	32.76 -0.02 0.00	39.71 -0.10 0.00	34.15 0.30 0.00



SELKIRK___I 23801	25.51 0.65 0.00	25.43 0.64 0.00	24.57 0.62 0.00	24.37 0.64 0.00	24.57 0.60 0.00	24.29 0.58 0.00	24.77 0.55 0.00	25.33 0.46 0.00	23.62 0.41 0.00	26.73 0.28 0.00	26.61 0.29 0.10	29.14 0.43 0.07	32.67 0.36 0.40	35.85 0.38 0.37	38.93 0.46 0.40	42.08 0.59 0.39	47.35 0.88 0.00	52.83 0.95 0.19	37.35 0.80 0.00	35.33 0.86 0.00	36.51 0.95 0.00	33.55 0.78 0.00	40.75 0.94 0.00	34.64 0.79 0.00
SELKIRK___II 23799	25.40 0.54 0.00	25.29 0.50 0.00	24.43 0.49 0.00	24.22 0.49 0.00	24.42 0.45 0.00	24.14 0.43 0.00	24.63 0.41 0.00	25.27 0.39 0.00	23.59 0.38 0.00	26.68 0.23 0.00	26.58 0.28 0.11	29.13 0.44 0.09	32.67 0.43 0.48	35.88 0.48 0.44	39.01 0.62 0.48	42.23 0.81 0.47	47.41 0.93 0.00	52.80 0.96 0.23	37.28 0.73 0.00	35.20 0.73 0.00	36.35 0.79 0.00	33.41 0.63 0.00	40.56 0.76 0.00	34.47 0.63 0.00
SENECA OSWGO___HYD 24041	24.61 -0.26 0.00	24.50 -0.29 0.00	23.63 -0.32 0.00	23.39 -0.34 0.00	23.61 -0.36 0.00	23.36 -0.35 0.00	23.82 -0.40 0.00	24.40 -0.48 0.00	22.80 -0.41 0.00	26.12 -0.40 -0.07	27.23 -0.28 -1.09	30.58 -0.15 -1.95	35.84 -0.15 -3.29	40.31 0.02 -4.46	44.46 0.12 -5.47	48.40 0.05 -6.46	54.29 -0.14 -7.96	60.99 -0.12 -9.05	41.24 -0.10 -4.79	38.28 -0.11 -3.93	39.73 -0.18 -4.35	35.98 -0.25 -3.45	45.22 -0.38 -5.78	37.20 -0.35 -3.70
SENECA___115KV_TB3 355854	24.91 0.05 0.00	24.87 0.08 0.00	24.00 0.05 0.00	23.60 -0.13 0.00	23.84 -0.14 0.00	23.63 -0.08 0.00	24.19 -0.03 0.00	24.93 0.05 0.00	23.29 0.08 0.00	27.19 0.74 0.00	27.47 1.06 0.00	30.21 1.43 0.00	34.32 1.61 0.00	38.17 2.33 0.00	41.64 2.76 0.00	44.00 2.11 0.00	47.75 1.27 0.00	53.46 1.40 0.00	37.39 0.84 0.00	35.26 0.80 0.00	36.07 0.51 0.00	33.21 0.43 0.00	40.25 0.44 0.00	34.56 0.71 0.00
SENECA___ENERGY 23797	25.03 0.17 0.00	24.88 0.09 0.00	23.99 0.04 0.00	23.70 -0.03 0.00	23.93 -0.04 0.00	23.70 -0.01 0.00	24.25 0.03 0.00	24.89 0.01 0.00	23.26 0.05 0.00	26.77 0.29 -0.03	27.35 0.50 -0.44	30.32 0.77 -0.78	34.89 0.88 -1.31	38.94 1.33 -1.77	42.70 1.65 -2.18	45.99 1.53 -2.57	50.86 1.22 -3.16	57.12 1.46 -3.60	39.48 1.03 -1.90	36.89 0.87 -1.56	38.03 0.73 -1.73	34.72 0.57 -1.37	42.68 0.57 -2.30	35.79 0.47 -1.47
SHOEMAKER___GT 23640	25.72 0.86 0.00	25.50 0.71 0.00	24.55 0.60 0.00	24.29 0.56 0.00	24.51 0.53 0.00	24.22 0.51 0.00	24.77 0.55 0.00	25.47 0.59 0.00	23.86 0.66 0.00	27.14 0.69 0.00	27.38 0.82 -0.14	30.06 1.18 -0.11	34.71 1.40 -0.60	38.08 1.69 -0.55	41.43 1.97 -0.60	44.82 2.36 -0.58	49.09 2.62 0.00	55.22 2.88 -0.28	38.51 1.95 0.00	36.28 1.82 0.00	37.37 1.81 0.00	34.30 1.52 0.00	41.53 1.72 0.00	35.27 1.42 0.00
SHOEMAKR_138KV_BK 111 55601	25.71 0.85 0.00	25.48 0.69 0.00	24.53 0.58 0.00	24.27 0.55 0.00	24.49 0.52 0.00	24.20 0.49 0.00	24.77 0.55 0.00	25.46 0.58 0.00	23.86 0.66 0.00	27.14 0.69 0.00	27.38 0.82 -0.14	30.07 1.19 -0.11	34.72 1.42 -0.59	38.10 1.72 -0.54	41.49 2.03 -0.59	44.86 2.40 -0.57	49.11 2.64 0.00	55.23 2.89 -0.28	38.50 1.95 0.00	36.27 1.80 0.00	37.36 1.80 0.00	34.27 1.50 0.00	41.51 1.70 0.00	35.25 1.40 0.00
SHOREHAM_IC_1 23715	26.59 1.73 0.00	27.47 1.55 -1.13	25.27 1.33 0.00	24.94 1.21 0.00	25.18 1.21 0.00	24.79 1.09 0.00	25.41 1.19 0.00	26.10 1.22 0.00	24.62 1.42 0.00	28.00 1.55 0.00	27.80 1.20 -0.18	30.70 1.79 -0.14	35.91 2.45 -0.75	39.33 2.80 -0.69	43.16 3.54 -0.75	46.46 3.84 -0.73	51.21 4.31 -0.42	57.19 4.77 -0.35	39.90 3.35 0.00	37.59 3.12 0.00	38.38 2.82 0.00	48.05 2.30 -12.97	42.91 2.86 -0.24	36.36 2.51 0.00
SHOREHAM_IC_2 23716	26.59 1.73 0.00	27.47 1.55 -1.13	25.27 1.33 0.00	24.94 1.21 0.00	25.18 1.21 0.00	24.79 1.09 0.00	25.41 1.19 0.00	26.10 1.22 0.00	24.62 1.42 0.00	28.00 1.55 0.00	27.80 1.20 -0.18	30.70 1.79 -0.14	35.91 2.45 -0.75	39.33 2.80 -0.69	43.16 3.54 -0.75	46.46 3.84 -0.73	51.21 4.31 -0.42	57.19 4.77 -0.35	39.90 3.35 0.00	37.59 3.12 0.00	38.38 2.82 0.00	48.05 2.30 -12.97	42.91 2.86 -0.24	36.36 2.51 0.00
SISSONVILLE____ 23735	23.68 -1.18 0.00	24.07 -0.72 0.00	23.32 -0.62 0.00	23.18 -0.55 0.00	23.51 -0.46 0.00	23.28 -0.42 0.00	23.88 -0.34 0.00	24.65 -0.23 0.00	22.78 -0.43 0.00	25.96 -0.49 -0.01	25.59 -0.93 -0.10	27.59 -1.37 -0.18	31.46 -1.56 -0.30	34.07 -2.18 -0.41	36.85 -2.53 -0.51	39.62 -2.86 -0.60	44.42 -2.78 -0.74	50.20 -2.70 -0.84	35.25 -1.75 -0.44	33.30 -1.53 -0.36	34.58 -1.38 -0.40	31.98 -1.11 -0.32	38.89 -1.46 -0.53	32.91 -1.29 -0.34
SITHE_IND_GS1 24169	24.27 -0.60 0.00	24.18 -0.61 0.00	23.35 -0.60 0.00	23.11 -0.62 0.00	23.33 -0.64 0.00	23.08 -0.63 0.00	23.54 -0.68 0.00	24.10 -0.78 0.00	22.50 -0.71 0.00	25.51 -0.73 0.21	22.59 -0.65 3.17	22.52 -0.60 5.65	22.50 -0.67 9.54	22.31 -0.61 12.92	22.43 -0.57 15.87	22.43 -0.71 18.75	22.43 -0.96 23.08	24.79 -1.03 26.25	21.93 -0.74 13.88	22.36 -0.71 11.39	22.17 -0.78 12.61	22.01 -0.77 9.99	22.05 -0.99 16.77	22.27 -0.85 10.74
SITHE_IND_GS2 24170	24.27 -0.60 0.00	24.18 -0.61 0.00	23.35 -0.60 0.00	23.11 -0.62 0.00	23.33 -0.64 0.00	23.08 -0.63 0.00	23.54 -0.68 0.00	24.10 -0.78 0.00	22.50 -0.71 0.00	25.51 -0.73 0.21	22.59 -0.65 3.17	22.52 -0.60 5.65	22.50 -0.67 9.54	22.31 -0.61 12.92	22.43 -0.57 15.87	22.43 -0.71 18.75	22.43 -0.96 23.08	24.79 -1.03 26.25	21.93 -0.74 13.88	22.36 -0.71 11.39	22.17 -0.78 12.61	22.01 -0.77 9.99	22.05 -0.99 16.77	22.27 -0.85 10.74
SITHE_IND_GS3 24171	24.27 -0.60 0.00	24.18 -0.61 0.00	23.35 -0.60 0.00	23.11 -0.62 0.00	23.33 -0.64 0.00	23.08 -0.63 0.00	23.54 -0.68 0.00	24.10 -0.78 0.00	22.50 -0.71 0.00	25.51 -0.73 0.21	22.59 -0.65 3.17	22.52 -0.60 5.65	22.50 -0.67 9.54	22.31 -0.61 12.92	22.43 -0.57 15.87	22.43 -0.71 18.75	22.43 -0.96 23.08	24.79 -1.03 26.25	21.93 -0.74 13.88	22.36 -0.71 11.39	22.17 -0.78 12.61	22.01 -0.77 9.99	22.05 -0.99 16.77	22.27 -0.85 10.74
SITHE_IND_GS4 24172	24.27 -0.60 0.00	24.18 -0.61 0.00	23.35 -0.60 0.00	23.11 -0.62 0.00	23.33 -0.64 0.00	23.08 -0.63 0.00	23.54 -0.68 0.00	24.10 -0.78 0.00	22.50 -0.71 0.00	25.51 -0.73 0.21	22.59 -0.65 3.17	22.52 -0.60 5.65	22.50 -0.67 9.54	22.31 -0.61 12.92	22.43 -0.57 15.87	22.43 -0.71 18.75	22.43 -0.96 23.08	24.79 -1.03 26.25	21.93 -0.74 13.88	22.36 -0.71 11.39	22.17 -0.78 12.61	22.01 -0.77 9.99	22.05 -0.99 16.77	22.27 -0.85 10.74
SITHE___BATAVIA 24024	25.60 0.73 0.00	25.48 0.69 0.00	24.53 0.58 0.00	24.10 0.37 0.00	24.32 0.35 0.00	24.08 0.37 0.00	24.73 0.52 0.00	25.31 0.43 0.00	23.61 0.40 0.00	27.49 1.04 0.00	27.75 1.33 0.00	30.57 1.79 0.00	34.87 2.16 0.00	38.69 2.85 0.00	42.24 3.36 0.00	44.68 2.79 0.00	48.56 2.08 0.00	54.60 2.53 0.00	38.30 1.75 0.00	36.06 1.60 0.00	36.91 1.35 0.00	33.98 1.20 0.00	41.09 1.28 0.00	35.20 1.36 0.00



SITHE___INDEPEND 23800	24.27 -0.60 0.00	24.18 -0.61 0.00	23.35 -0.60 0.00	23.11 -0.62 0.00	23.33 -0.64 0.00	23.08 -0.63 0.00	23.53 -0.69 0.00	24.10 -0.78 0.00	22.50 -0.71 0.00	25.51 -0.73 0.21	22.59 -0.65 3.17	22.52 -0.60 5.65	22.50 -0.68 9.54	22.31 -0.61 12.92	22.43 -0.57 15.87	22.43 -0.71 18.75	22.43 -0.96 23.08	24.79 -1.03 26.25	21.93 -0.74 13.88	22.36 -0.71 11.39	22.16 -0.79 12.61	22.01 -0.77 9.99	22.05 -0.99 16.77	22.27 -0.85 10.74
SITHE___MASSENA 23902	24.41 -0.46 0.00	24.65 -0.14 0.00	23.86 -0.08 0.00	23.67 -0.06 0.00	23.99 0.02 0.00	23.75 0.05 0.00	24.34 0.12 0.00	25.11 0.23 0.00	23.24 0.03 0.00	26.50 0.05 0.00	26.11 -0.31 0.00	28.11 -0.67 0.00	31.98 -0.73 0.00	34.62 -1.22 0.00	37.38 -1.49 0.00	40.18 -1.71 0.00	44.83 -1.65 0.00	50.49 -1.57 0.00	35.53 -1.03 0.00	33.51 -0.95 0.00	34.71 -0.85 0.00	32.15 -0.63 0.00	39.08 -0.73 0.00	33.24 -0.60 0.00
SITHE___OGDNSBRG 24021	24.55 -0.31 0.00	24.85 0.07 0.00	24.08 0.13 0.00	23.88 0.15 0.00	24.22 0.25 0.00	23.99 0.28 0.00	24.60 0.38 0.00	25.34 0.46 0.00	23.27 0.06 0.00	26.53 0.09 0.00	26.01 -0.41 0.00	27.91 -0.87 0.00	31.74 -0.97 0.00	34.23 -1.61 0.00	36.98 -1.89 0.00	39.68 -2.21 0.00	44.42 -2.05 0.00	50.19 -1.87 0.00	35.45 -1.10 0.00	33.78 -0.69 0.00	35.16 -0.40 0.00	32.61 -0.17 0.00	39.56 -0.25 0.00	33.59 -0.26 0.00
SITHE___STERLING 23777	25.46 0.60 0.00	25.40 0.61 0.00	24.54 0.60 0.00	24.31 0.58 0.00	24.53 0.56 0.00	24.30 0.59 0.00	24.81 0.60 0.00	25.47 0.59 0.00	23.79 0.58 0.00	27.13 0.67 -0.01	27.27 0.68 -0.18	29.98 0.88 -0.32	34.27 1.02 -0.54	37.84 1.27 -0.73	41.30 1.53 -0.89	44.51 1.57 -1.06	49.63 1.86 -1.30	55.90 2.36 -1.48	39.00 1.66 -0.78	36.67 1.57 -0.64	37.86 1.59 -0.71	34.70 1.36 -0.56	42.23 1.48 -0.94	35.61 1.15 -0.60
SLEIGHT___34_KV_TB1 80719	25.03 0.17 0.00	24.91 0.12 0.00	24.00 0.05 0.00	23.67 -0.05 0.00	23.89 -0.08 0.00	23.65 -0.06 0.00	24.17 -0.05 0.00	24.83 -0.05 0.00	23.23 0.02 0.00	26.84 0.38 -0.01	27.14 0.60 -0.12	29.88 0.88 -0.21	34.13 1.06 -0.36	37.82 1.48 -0.49	41.30 1.82 -0.60	44.14 1.55 -0.71	48.54 1.19 -0.88	54.49 1.43 -1.00	37.99 0.90 -0.53	35.67 0.77 -0.43	36.66 0.62 -0.48	33.63 0.47 -0.38	40.88 0.43 -0.64	34.68 0.42 -0.41
SOUTH CAIRO___GT 23612	26.53 1.67 0.00	26.39 1.61 0.00	25.50 1.55 0.00	25.26 1.53 0.00	25.46 1.48 0.00	25.17 1.46 0.00	25.67 1.45 0.00	26.26 1.38 0.00	24.44 1.24 0.00	27.69 1.24 0.00	27.54 1.19 0.07	30.27 1.55 0.05	33.78 1.33 0.27	37.10 1.50 0.24	39.99 1.38 0.27	43.49 1.86 0.26	48.82 2.34 0.00	55.08 3.14 0.13	39.03 2.47 0.00	37.03 2.57 0.00	38.36 2.81 0.00	35.19 2.42 0.00	42.70 2.89 0.00	36.20 2.35 0.00
SOUTH HAMPTN___IC 23720	27.09 2.23 0.00	27.93 2.02 -1.13	25.70 1.75 0.00	25.35 1.62 0.00	25.58 1.61 0.00	25.17 1.46 0.00	25.82 1.60 0.00	26.55 1.67 0.00	25.10 1.89 0.00	28.60 2.15 0.00	28.41 1.81 -0.18	31.34 2.42 -0.14	36.60 3.15 -0.75	40.08 3.55 -0.69	43.98 4.36 -0.75	47.22 4.61 -0.73	51.99 5.09 -0.42	58.18 5.76 -0.35	40.66 4.10 0.00	38.28 3.81 0.00	38.93 3.37 0.00	48.49 2.74 -12.97	43.47 3.42 -0.24	36.78 2.94 0.00
SOUTHDOW___115KV_TB1 355954	25.44 0.57 0.00	25.42 0.63 0.00	24.49 0.54 0.00	24.16 0.43 0.00	24.40 0.43 0.00	24.27 0.56 0.00	24.95 0.73 0.00	25.82 0.94 0.00	24.16 0.96 0.00	28.17 1.72 0.00	28.48 2.07 0.00	31.41 2.64 0.00	35.62 2.91 0.00	39.73 3.89 0.00	43.25 4.38 0.00	45.82 3.93 0.00	49.58 3.11 0.00	55.67 3.60 0.00	38.95 2.39 0.00	36.72 2.26 0.00	37.54 1.98 0.00	34.50 1.73 0.00	41.78 1.97 0.00	35.74 1.90 0.00
SOUTHOLD_69_KV_BK 2 55809	27.64 2.77 0.00	28.43 2.51 -1.13	26.14 2.20 0.00	25.79 2.06 0.00	26.00 2.02 0.00	25.55 1.84 0.00	26.24 2.03 0.00	27.02 2.14 0.00	25.59 2.38 0.00	29.18 2.73 0.00	28.96 2.37 -0.18	31.42 2.51 -0.14	36.67 3.22 -0.75	40.06 3.53 -0.69	43.99 4.36 -0.75	46.97 4.35 -0.73	51.67 4.77 -0.42	58.03 5.62 -0.35	40.69 4.14 0.00	38.27 3.80 0.00	38.64 3.08 0.00	48.12 2.37 -12.97	43.60 3.55 -0.24	36.96 3.12 0.00
SOUTHOLD___IC 23719	27.64 2.78 0.00	28.43 2.51 -1.13	26.14 2.20 0.00	25.79 2.06 0.00	26.00 2.02 0.00	25.55 1.84 0.00	26.23 2.01 0.00	27.01 2.14 0.00	25.59 2.38 0.00	29.18 2.73 0.00	28.97 2.37 -0.18	31.42 2.51 -0.14	36.66 3.20 -0.75	40.05 3.52 -0.69	43.98 4.36 -0.75	46.97 4.35 -0.73	51.67 4.77 -0.42	58.03 5.62 -0.35	40.69 4.13 0.00	38.26 3.80 0.00	38.64 3.08 0.00	48.13 2.37 -12.97	43.61 3.56 -0.24	36.96 3.12 0.00
SOUTH_FORK_WT_PWR 323839	27.69 2.83 0.00	28.47 2.55 -1.13	26.17 2.22 0.00	25.81 2.09 0.00	26.01 2.04 0.00	25.55 1.84 0.00	26.23 2.01 0.00	27.03 2.15 0.00	25.61 2.40 0.00	29.18 2.74 0.00	29.00 2.40 -0.18	31.75 2.84 -0.14	36.97 3.51 -0.75	40.33 3.80 -0.69	44.22 4.60 -0.75	47.05 4.43 -0.73	51.69 4.79 -0.42	58.21 5.79 -0.35	40.91 4.36 0.00	38.49 4.03 0.00	38.70 3.14 0.00	48.11 2.36 -12.97	43.19 3.15 -0.24	36.50 2.65 0.00
SPIERFLS_115KV_TB 1 80737	26.06 1.19 0.00	25.89 1.10 0.00	25.01 1.06 0.00	24.77 1.04 0.00	24.92 0.95 0.00	24.60 0.90 0.00	25.20 0.98 0.00	25.89 1.01 0.00	24.18 0.97 0.00	27.35 0.90 0.00	26.94 0.69 0.17	29.52 0.87 0.13	32.78 0.77 0.70	36.25 1.06 0.64	39.57 1.40 0.70	42.88 1.68 0.68	48.73 2.26 0.00	54.31 2.58 0.33	38.98 2.43 0.00	36.84 2.37 0.00	38.03 2.47 0.00	34.70 1.92 0.00	42.38 2.57 0.00	36.01 2.17 0.00
ST LAWRENCE____ 23600	24.40 -0.46 0.00	24.46 -0.33 0.00	23.67 -0.27 0.00	23.48 -0.25 0.00	23.79 -0.17 0.00	23.55 -0.15 0.00	24.12 -0.10 0.00	24.89 0.01 0.00	23.07 -0.13 0.00	26.30 -0.14 0.00	26.10 -0.31 0.00	28.14 -0.63 0.00	32.04 -0.67 0.00	34.74 -1.10 0.00	37.50 -1.37 0.00	40.32 -1.57 0.00	44.95 -1.52 0.00	50.54 -1.52 0.00	35.54 -1.01 0.00	33.51 -0.95 0.00	34.66 -0.90 0.00	32.10 -0.68 0.00	39.04 -0.77 0.00	33.23 -0.62 0.00
STATE_CA_115KV_115_LB 55624	25.55 0.69 0.00	25.44 0.65 0.00	24.58 0.63 0.00	24.36 0.63 0.00	24.56 0.59 0.00	24.27 0.56 0.00	24.78 0.55 0.00	25.42 0.54 0.00	23.73 0.52 0.00	26.75 0.31 0.00	26.64 0.38 0.16	29.18 0.52 0.12	32.57 0.53 0.66	35.81 0.58 0.61	38.99 0.79 0.67	42.24 1.01 0.65	47.68 1.21 0.00	52.96 1.22 0.31	37.46 0.91 0.00	35.35 0.89 0.00	36.51 0.95 0.00	33.54 0.76 0.00	40.73 0.92 0.00	34.61 0.77 0.00
STATE_ST_34_KV_LOAD 55959	25.14 0.27 0.00	25.00 0.21 0.00	24.11 0.17 0.00	23.86 0.13 0.00	24.08 0.10 0.00	23.82 0.11 0.00	24.32 0.10 0.00	24.95 0.07 0.00	23.32 0.11 0.00	26.75 0.27 -0.03	27.27 0.35 -0.51	30.26 0.58 -0.90	34.95 0.73 -1.52	38.93 1.03 -2.06	42.73 1.33 -2.52	46.20 1.33 -2.98	51.30 1.15 -3.67	57.77 1.54 -4.18	39.81 1.05 -2.21	37.20 0.92 -1.81	38.42 0.85 -2.01	35.04 0.67 -1.59	43.16 0.68 -2.67	36.10 0.55 -1.71



STATION 5_MISC_HYD 23604	25.18 0.32 0.00	25.08 0.29 0.00	24.16 0.21 0.00	23.80 0.07 0.00	24.02 0.04 0.00	23.76 0.06 0.00	24.35 0.13 0.00	24.95 0.07 0.00	23.31 0.10 0.00	27.04 0.59 0.00	27.27 0.85 0.00	29.96 1.18 0.00	34.13 1.42 0.00	37.78 1.94 0.00	41.19 2.32 0.00	43.78 1.89 0.00	47.87 1.39 0.00	53.66 1.60 0.00	37.57 1.01 0.00	35.34 0.87 0.00	36.25 0.69 0.00	33.36 0.58 0.00	40.39 0.58 0.00	34.50 0.66 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	25.34 0.47 0.00	25.20 0.41 0.00	24.27 0.33 0.00	23.94 0.21 0.00	24.15 0.18 0.00	23.91 0.20 0.00	24.43 0.21 0.00	25.12 0.24 0.00	23.50 0.29 0.00	27.18 0.72 -0.01	27.49 0.95 -0.13	30.27 1.26 -0.23	34.58 1.48 -0.39	38.37 2.01 -0.53	41.93 2.41 -0.65	44.76 2.11 -0.76	49.20 1.78 -0.94	55.21 2.08 -1.07	38.49 1.37 -0.56	36.13 1.20 -0.46	37.13 1.05 -0.51	34.06 0.88 -0.41	41.41 0.92 -0.68	35.12 0.84 -0.44
STA_56_34_KV_BUS2_REV_LBMP_B 345033	25.05 0.18 0.00	24.95 0.16 0.00	24.03 0.08 0.00	23.68 -0.05 0.00	23.89 -0.08 0.00	23.64 -0.07 0.00	24.16 -0.06 0.00	24.83 -0.05 0.00	23.21 0.00 0.00	26.91 0.46 0.00	27.13 0.72 0.00	29.81 1.03 0.00	33.94 1.23 0.00	37.55 1.71 0.00	40.97 2.10 0.00	43.56 1.67 0.00	47.67 1.20 0.00	53.43 1.37 0.00	37.39 0.84 0.00	35.17 0.71 0.00	36.09 0.53 0.00	33.20 0.42 0.00	40.19 0.38 0.00	34.30 0.46 0.00
STA_56___34_KV_BUS2 355983	25.05 0.18 0.00	24.95 0.16 0.00	24.03 0.08 0.00	23.68 -0.05 0.00	23.89 -0.08 0.00	23.64 -0.07 0.00	24.16 -0.06 0.00	24.83 -0.05 0.00	23.21 0.00 0.00	26.91 0.46 0.00	27.13 0.72 0.00	29.81 1.03 0.00	33.94 1.23 0.00	37.55 1.71 0.00	40.97 2.10 0.00	43.56 1.67 0.00	47.67 1.20 0.00	53.43 1.37 0.00	37.39 0.84 0.00	35.17 0.71 0.00	36.09 0.53 0.00	33.20 0.42 0.00	40.19 0.38 0.00	34.30 0.46 0.00
STA_67___115KV_BK2 355882	25.10 0.24 0.00	25.00 0.21 0.00	24.09 0.14 0.00	23.73 0.00 0.00	23.95 -0.02 0.00	23.70 0.00 0.00	24.22 0.00 0.00	24.89 0.01 0.00	23.25 0.05 0.00	26.97 0.52 0.00	27.19 0.77 0.00	29.86 1.08 0.00	33.99 1.28 0.00	37.63 1.79 0.00	41.04 2.16 0.00	43.63 1.74 0.00	47.70 1.22 0.00	53.45 1.39 0.00	37.43 0.87 0.00	35.22 0.76 0.00	36.13 0.57 0.00	33.25 0.47 0.00	40.27 0.46 0.00	34.40 0.55 0.00
STA_7___115KV_9TRANS 80674	25.36 0.50 0.00	25.24 0.46 0.00	24.32 0.37 0.00	23.95 0.22 0.00	24.16 0.19 0.00	23.90 0.19 0.00	24.42 0.20 0.00	25.09 0.21 0.00	23.46 0.25 0.00	27.24 0.79 0.00	27.48 1.06 0.00	30.21 1.43 0.00	34.41 1.69 0.00	38.09 2.25 0.00	41.56 2.69 0.00	44.14 2.26 0.00	48.28 1.81 0.00	54.12 2.07 0.00	37.88 1.32 0.00	35.63 1.17 0.00	36.55 0.99 0.00	33.62 0.84 0.00	40.69 0.88 0.00	34.75 0.90 0.00
STA_82___115KV_TB1 80780	25.11 0.25 0.00	25.02 0.23 0.00	24.11 0.16 0.00	23.74 0.02 0.00	23.96 -0.01 0.00	23.71 0.01 0.00	24.24 0.02 0.00	24.91 0.03 0.00	23.27 0.06 0.00	26.98 0.54 0.00	27.20 0.78 0.00	29.88 1.10 0.00	34.01 1.30 0.00	37.65 1.80 0.00	41.07 2.19 0.00	43.65 1.76 0.00	47.73 1.26 0.00	53.49 1.43 0.00	37.45 0.89 0.00	35.25 0.78 0.00	36.16 0.60 0.00	33.27 0.49 0.00	40.29 0.48 0.00	34.42 0.57 0.00
STEEL___WIND 323596	24.87 0.01 0.00	24.84 0.05 0.00	23.95 0.01 0.00	23.57 -0.15 0.00	23.80 -0.17 0.00	23.60 -0.11 0.00	24.28 0.06 0.00	24.89 0.01 0.00	23.25 0.05 0.00	27.13 0.68 0.00	27.42 1.01 0.00	30.15 1.37 0.00	34.29 1.58 0.00	38.11 2.27 0.00	41.59 2.72 0.00	43.92 2.03 0.00	47.66 1.19 0.00	53.38 1.32 0.00	37.35 0.80 0.00	35.22 0.75 0.00	36.02 0.46 0.00	33.17 0.39 0.00	40.21 0.40 0.00	34.52 0.68 0.00
STEPHTWN_115KV_BK_2 55603	25.65 0.79 0.00	25.54 0.75 0.00	24.61 0.67 0.00	24.37 0.64 0.00	24.59 0.62 0.00	24.28 0.57 0.00	24.81 0.58 0.00	25.49 0.61 0.00	23.78 0.57 0.00	26.92 0.47 0.00	26.75 0.49 0.16	29.32 0.65 0.12	32.74 0.68 0.65	36.05 0.81 0.59	39.21 0.99 0.65	42.56 1.31 0.63	48.06 1.58 0.00	53.31 1.56 0.31	37.72 1.17 0.00	35.68 1.22 0.00	36.87 1.31 0.00	33.75 0.98 0.00	41.05 1.24 0.00	34.89 1.04 0.00
STEUBEN_REC_LFGE 323667	24.90 0.04 0.00	24.76 -0.03 0.00	23.94 -0.01 0.00	23.74 0.01 0.00	24.12 0.15 0.00	23.97 0.27 0.00	24.66 0.44 0.00	25.47 0.59 0.00	23.86 0.65 0.00	27.66 1.20 -0.01	28.00 1.42 -0.16	30.91 1.85 -0.29	35.16 1.97 -0.49	39.23 2.73 -0.66	42.91 3.22 -0.81	45.69 2.85 -0.96	50.08 2.43 -1.18	56.25 2.85 -1.34	39.30 2.03 -0.71	36.98 1.94 -0.58	37.98 1.77 -0.64	34.81 1.53 -0.51	42.38 1.71 -0.85	35.99 1.59 -0.55
STILLWATER___SOLAR 323814	26.04 1.17 0.00	25.91 1.12 0.00	25.05 1.10 0.00	24.79 1.07 0.00	24.98 1.01 0.00	24.68 0.97 0.00	25.21 0.99 0.00	25.86 0.98 0.00	24.13 0.93 0.00	27.33 0.88 0.00	27.06 0.83 0.19	29.64 1.00 0.14	32.95 1.01 0.77	36.34 1.20 0.71	39.63 1.54 0.77	42.93 1.80 0.75	48.74 2.26 0.00	54.23 2.53 0.36	38.58 2.03 0.00	36.46 1.99 0.00	37.68 2.12 0.00	34.52 1.74 0.00	42.03 2.22 0.00	35.73 1.88 0.00
STONY___BROOK 24151	26.68 1.82 0.00	27.58 1.67 -0.13	25.40 1.45 0.00	25.07 1.34 0.00	25.32 1.35 0.00	24.93 1.22 0.00	25.56 1.34 0.00	26.24 1.36 0.00	24.74 1.53 0.00	28.11 1.66 0.00	27.92 1.32 -0.18	30.86 1.94 -0.14	36.11 2.66 -0.75	39.57 3.04 -0.69	43.39 3.77 -0.75	46.74 4.12 -0.73	51.49 4.59 -0.43	57.16 4.75 -0.35	39.86 3.30 0.00	37.67 3.20 0.00	38.51 2.95 0.00	48.21 2.46 -12.97	43.06 3.02 -0.24	36.53 2.68 0.00
STURGEON_POOL_HYD 23609	25.84 0.98 0.00	25.59 0.80 0.00	24.59 0.65 0.00	24.34 0.61 0.00	24.55 0.58 0.00	24.26 0.55 0.00	24.84 0.63 0.00	25.57 0.69 0.00	24.03 0.82 0.00	27.41 0.96 0.00	27.61 1.12 -0.08	30.40 1.56 -0.06	35.00 1.96 -0.33	38.47 2.33 -0.30	41.87 2.67 -0.33	45.35 3.14 -0.32	49.73 3.26 0.00	55.86 3.64 -0.16	38.95 2.39 0.00	36.64 2.17 0.00	37.67 2.11 0.00	34.57 1.80 0.00	41.83 2.02 0.00	35.54 1.69 0.00
ST_LAW_115_BK7_LBMP 345037	24.35 -0.51 0.00	24.43 -0.35 0.00	23.66 -0.28 0.00	23.46 -0.27 0.00	23.78 -0.20 0.00	23.54 -0.17 0.00	24.10 -0.12 0.00	24.87 -0.01 0.00	23.05 -0.16 0.00	26.28 -0.17 0.00	26.05 -0.37 0.00	28.06 -0.71 0.00	31.94 -0.77 0.00	34.61 -1.23 0.00	37.35 -1.52 0.00	40.16 -1.72 0.00	44.80 -1.67 0.00	50.38 -1.68 0.00	35.43 -1.12 0.00	33.41 -1.06 0.00	34.57 -0.99 0.00	32.03 -0.75 0.00	38.95 -0.86 0.00	33.16 -0.70 0.00
ST_LAW_115_BK8_LBMP 345038	24.35 -0.51 0.00	24.43 -0.35 0.00	23.66 -0.28 0.00	23.46 -0.27 0.00	23.78 -0.20 0.00	23.54 -0.17 0.00	24.10 -0.12 0.00	24.87 -0.01 0.00	23.05 -0.16 0.00	26.28 -0.17 0.00	26.05 -0.37 0.00	28.06 -0.71 0.00	31.94 -0.77 0.00	34.61 -1.23 0.00	37.35 -1.52 0.00	40.16 -1.72 0.00	44.80 -1.67 0.00	50.38 -1.68 0.00	35.43 -1.12 0.00	33.41 -1.06 0.00	34.57 -0.99 0.00	32.03 -0.75 0.00	38.95 -0.86 0.00	33.16 -0.70 0.00



ST_LAW_230_BK5_LBMP 345035	24.40 -0.46 0.00	24.46 -0.33 0.00	23.67 -0.27 0.00	23.48 -0.25 0.00	23.79 -0.17 0.00	23.55 -0.15 0.00	24.12 -0.10 0.00	24.89 0.01 0.00	23.07 -0.13 0.00	26.30 -0.14 0.00	26.10 -0.31 0.00	28.14 -0.63 0.00	32.04 -0.67 0.00	34.74 -1.10 0.00	37.50 -1.37 0.00	40.32 -1.57 0.00	44.95 -1.52 0.00	50.54 -1.52 0.00	35.54 -1.01 0.00	33.51 -0.95 0.00	34.66 -0.90 0.00	32.10 -0.68 0.00	39.04 -0.77 0.00	33.23 -0.62 0.00
ST_LAW_230_BK6_LBMP 345036	24.40 -0.46 0.00	24.46 -0.33 0.00	23.67 -0.27 0.00	23.48 -0.25 0.00	23.79 -0.17 0.00	23.55 -0.15 0.00	24.12 -0.10 0.00	24.89 0.01 0.00	23.07 -0.13 0.00	26.30 -0.14 0.00	26.10 -0.31 0.00	28.14 -0.63 0.00	32.04 -0.67 0.00	34.74 -1.10 0.00	37.50 -1.37 0.00	40.32 -1.57 0.00	44.95 -1.52 0.00	50.54 -1.52 0.00	35.54 -1.01 0.00	33.51 -0.95 0.00	34.66 -0.90 0.00	32.10 -0.68 0.00	39.04 -0.77 0.00	33.23 -0.62 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	25.80 0.94 0.00	25.55 0.77 0.00	24.59 0.64 0.00	24.32 0.59 0.00	24.54 0.57 0.00	24.25 0.54 0.00	24.83 0.61 0.00	25.54 0.66 0.00	23.96 0.75 0.00	27.28 0.83 0.00	27.53 0.96 -0.15	30.29 1.39 -0.11	35.01 1.67 -0.62	38.46 2.05 -0.57	41.96 2.46 -0.63	45.37 2.88 -0.61	49.57 3.10 0.00	55.73 3.37 -0.30	38.79 2.23 0.00	36.51 2.05 0.00	37.57 2.01 0.00	34.45 1.68 0.00	41.71 1.90 0.00	35.41 1.56 0.00
SWANROAD_115KV_TB1 355699	24.19 -0.67 0.00	24.18 -0.61 0.00	23.33 -0.61 0.00	22.92 -0.81 0.00	23.14 -0.83 0.00	22.92 -0.79 0.00	23.46 -0.75 0.00	24.10 -0.78 0.00	22.50 -0.70 0.00	26.27 -0.18 0.00	26.54 0.12 0.00	29.12 0.34 0.00	33.12 0.41 0.00	36.77 0.92 0.00	40.14 1.27 0.00	42.33 0.45 0.00	45.89 -0.58 0.00	51.37 -0.69 0.00	36.02 -0.54 0.00	33.99 -0.47 0.00	34.78 -0.78 0.00	32.07 -0.71 0.00	38.87 -0.94 0.00	33.47 -0.38 0.00
SYNERGY___BIOGAS 323694	25.60 0.73 0.00	25.48 0.69 0.00	24.53 0.58 0.00	24.10 0.37 0.00	24.32 0.35 0.00	24.08 0.37 0.00	24.73 0.52 0.00	25.31 0.43 0.00	23.61 0.40 0.00	27.49 1.04 0.00	27.75 1.33 0.00	30.57 1.79 0.00	34.87 2.16 0.00	38.69 2.85 0.00	42.24 3.36 0.00	44.68 2.79 0.00	48.56 2.08 0.00	54.60 2.53 0.00	38.30 1.75 0.00	36.06 1.60 0.00	36.91 1.35 0.00	33.98 1.20 0.00	41.09 1.28 0.00	35.20 1.36 0.00
SYRACUSE___ENERGY_ST1 323597	24.93 0.07 0.00	24.81 0.02 0.00	23.94 -0.01 0.00	23.69 -0.04 0.00	23.91 -0.06 0.00	23.65 -0.06 0.00	24.12 -0.10 0.00	24.74 -0.14 0.00	23.12 -0.09 0.00	26.50 0.01 -0.04	27.15 0.13 -0.60	30.18 0.32 -1.08	34.90 0.37 -1.82	38.93 0.63 -2.46	42.68 0.78 -3.03	46.22 0.77 -3.58	51.49 0.62 -4.40	57.83 0.77 -5.00	39.67 0.47 -2.65	37.03 0.40 -2.17	38.30 0.34 -2.40	34.92 0.24 -1.90	43.20 0.20 -3.20	36.05 0.15 -2.05
SYRACUSE___ENERGY_ST2 323598	24.93 0.07 0.00	24.81 0.02 0.00	23.94 -0.01 0.00	23.69 -0.04 0.00	23.91 -0.06 0.00	23.65 -0.06 0.00	24.12 -0.10 0.00	24.74 -0.14 0.00	23.12 -0.09 0.00	26.50 0.01 -0.04	27.15 0.13 -0.60	30.18 0.32 -1.08	34.90 0.37 -1.82	38.93 0.63 -2.46	42.68 0.78 -3.03	46.22 0.77 -3.58	51.49 0.62 -4.40	57.83 0.77 -5.00	39.67 0.47 -2.65	37.03 0.40 -2.17	38.30 0.34 -2.40	34.92 0.24 -1.90	43.20 0.20 -3.20	36.05 0.15 -2.05
SYRACUSE___POWER 24017	24.91 0.05 0.00	24.78 -0.01 0.00	23.91 -0.03 0.00	23.67 -0.06 0.00	23.88 -0.09 0.00	23.62 -0.08 0.00	24.10 -0.12 0.00	24.71 -0.17 0.00	23.10 -0.11 0.00	26.47 -0.01 -0.03	26.94 0.12 -0.41	29.82 0.31 -0.72	34.30 0.37 -1.22	38.12 0.62 -1.66	41.66 0.75 -2.04	45.02 0.73 -2.41	50.02 0.58 -2.96	56.13 0.71 -3.37	38.77 0.43 -1.78	36.29 0.36 -1.46	37.47 0.29 -1.62	34.24 0.18 -1.28	42.12 0.16 -2.15	35.34 0.12 -1.38
TALLMAN___138KV_BK151 55660	25.91 1.05 0.00	25.64 0.85 0.00	24.66 0.71 0.00	24.38 0.65 0.00	24.60 0.63 0.00	24.30 0.59 0.00	24.90 0.68 0.00	25.61 0.73 0.00	24.06 0.85 0.00	27.41 0.96 0.00	27.68 1.10 -0.16	30.49 1.58 -0.12	35.32 1.94 -0.67	38.83 2.37 -0.62	42.38 2.84 -0.67	45.84 3.29 -0.66	49.99 3.52 0.00	56.20 3.83 -0.32	39.06 2.51 0.00	36.73 2.27 0.00	37.78 2.22 0.00	34.63 1.85 0.00	41.90 2.09 0.00	35.57 1.72 0.00
TEALLAVE_115KV_TB7 355573	24.84 -0.03 0.00	24.72 -0.07 0.00	23.84 -0.10 0.00	23.60 -0.13 0.00	23.82 -0.15 0.00	23.56 -0.15 0.00	24.03 -0.19 0.00	24.64 -0.24 0.00	23.03 -0.18 0.00	26.38 -0.09 -0.02	26.78 0.04 -0.33	29.59 0.23 -0.59	33.96 0.26 -0.99	37.68 0.50 -1.35	41.14 0.62 -1.65	44.40 0.56 -1.95	49.27 0.39 -2.40	55.30 0.51 -2.73	38.29 0.29 -1.44	35.88 0.23 -1.18	37.04 0.16 -1.31	33.89 0.08 -1.04	41.60 0.04 -1.74	34.98 0.02 -1.12
TELGRAPH_34_KV_EAST 80808	24.95 0.09 0.00	24.89 0.10 0.00	23.99 0.04 0.00	23.57 -0.16 0.00	23.79 -0.18 0.00	23.56 -0.15 0.00	24.11 -0.11 0.00	24.78 -0.10 0.00	23.14 -0.07 0.00	27.01 0.56 0.00	27.28 0.87 0.00	29.99 1.21 0.00	34.12 1.41 0.00	37.87 2.02 0.00	41.35 2.48 0.00	43.69 1.80 0.00	47.40 0.92 0.00	53.17 1.11 0.00	37.25 0.70 0.00	35.13 0.66 0.00	35.95 0.39 0.00	33.11 0.33 0.00	40.08 0.27 0.00	34.43 0.58 0.00
TEMPLE___115KV_TB 2 55572	24.85 -0.01 0.00	24.73 -0.06 0.00	23.86 -0.09 0.00	23.61 -0.12 0.00	23.83 -0.15 0.00	23.57 -0.13 0.00	24.05 -0.17 0.00	24.66 -0.22 0.00	23.05 -0.16 0.00	26.41 -0.06 -0.02	26.81 0.07 -0.33	29.62 0.25 -0.59	33.99 0.29 -0.99	37.72 0.53 -1.34	41.18 0.66 -1.65	44.43 0.60 -1.94	49.31 0.44 -2.40	55.33 0.55 -2.72	38.31 0.32 -1.44	35.91 0.26 -1.18	37.05 0.18 -1.31	33.90 0.09 -1.04	41.62 0.07 -1.74	35.00 0.04 -1.11
TIANA___69_KV_BK 1 55817	26.98 2.12 0.00	27.83 1.92 -1.13	25.60 1.66 0.00	25.27 1.54 0.00	25.50 1.53 0.00	25.10 1.39 0.00	25.76 1.54 0.00	26.45 1.58 0.00	24.99 1.78 0.00	28.46 2.02 0.00	28.28 1.68 -0.18	31.21 2.29 -0.14	36.49 3.03 -0.75	39.96 3.44 -0.69	43.85 4.23 -0.75	47.15 4.54 -0.73	51.92 5.03 -0.42	58.06 5.65 -0.35	40.55 4.00 0.00	38.17 3.71 0.00	38.89 3.33 0.00	48.47 2.72 -12.97	43.43 3.39 -0.24	36.78 2.93 0.00
TILDEN___115KV_TB1 80814	24.91 0.05 0.00	24.78 -0.01 0.00	23.91 -0.03 0.00	23.67 -0.06 0.00	23.88 -0.09 0.00	23.62 -0.08 0.00	24.10 -0.12 0.00	24.71 -0.17 0.00	23.10 -0.11 0.00	26.47 -0.01 -0.03	26.94 0.12 -0.41	29.82 0.31 -0.72	34.30 0.37 -1.22	38.12 0.62 -1.66	41.66 0.75 -2.04	45.02 0.73 -2.41	50.02 0.58 -2.96	56.13 0.71 -3.37	38.77 0.43 -1.78	36.29 0.36 -1.46	37.47 0.29 -1.62	34.24 0.18 -1.28	42.12 0.16 -2.15	35.34 0.12 -1.38
TRIGEN___CC 323695	26.38 1.51 0.00	27.26 1.34 -1.13	25.11 1.17 0.00	24.81 1.08 0.00	25.05 1.08 0.00	24.71 1.00 0.00	25.32 1.10 0.00	26.01 1.13 0.00	24.46 1.25 0.00	27.81 1.36 0.00	27.84 1.24 -0.18	30.70 1.78 -0.14	35.73 2.28 -0.75	39.21 2.68 -0.69	42.84 3.22 -0.75	46.20 3.58 -0.73	50.80 3.91 -0.42	56.72 4.31 -0.35	39.46 2.90 0.00	37.11 2.65 0.00	38.08 2.52 0.00	47.96 2.21 -12.97	42.75 2.70 -0.24	36.18 2.33 0.00



TRINITY__115KV__4 BK 55933	25.43 0.57 0.00	25.33 0.54 0.00	24.48 0.54 0.00	24.26 0.53 0.00	24.46 0.49 0.00	24.18 0.47 0.00	24.68 0.46 0.00	25.30 0.43 0.00	23.62 0.41 0.00	26.61 0.17 0.00	26.49 0.23 0.16	29.02 0.36 0.12	32.39 0.33 0.65	35.58 0.34 0.60	38.73 0.51 0.65	41.96 0.72 0.64	47.34 0.87 0.00	52.56 0.81 0.31	37.20 0.65 0.00	35.11 0.65 0.00	36.27 0.71 0.00	33.32 0.54 0.00	40.48 0.67 0.00	34.41 0.57 0.00
UNION__PROCESSING_DRP 323587	25.12 0.26 0.00	25.02 0.23 0.00	24.11 0.17 0.00	23.75 0.02 0.00	23.97 0.00 0.00	23.72 0.02 0.00	24.24 0.02 0.00	24.91 0.04 0.00	23.27 0.06 0.00	26.99 0.55 0.00	27.21 0.80 0.00	29.88 1.10 0.00	34.03 1.32 0.00	37.66 1.82 0.00	41.08 2.21 0.00	43.67 1.78 0.00	47.74 1.27 0.00	53.51 1.45 0.00	37.46 0.91 0.00	35.26 0.79 0.00	36.17 0.61 0.00	33.28 0.51 0.00	40.31 0.50 0.00	34.43 0.58 0.00
UPPER HUDSON__HYD 24058	26.06 1.19 0.00	25.89 1.10 0.00	25.01 1.06 0.00	24.77 1.04 0.00	24.92 0.95 0.00	24.60 0.90 0.00	25.19 0.97 0.00	25.89 1.01 0.00	24.18 0.97 0.00	27.35 0.90 0.00	26.94 0.69 0.17	29.52 0.87 0.13	32.78 0.76 0.70	36.25 1.05 0.64	39.57 1.40 0.70	42.88 1.68 0.68	48.73 2.26 0.00	54.31 2.58 0.33	38.98 2.43 0.00	36.84 2.37 0.00	38.03 2.47 0.00	34.70 1.92 0.00	42.38 2.57 0.00	36.01 2.17 0.00
UPPER RAQUET__HYD 24056	23.68 -1.18 0.00	24.07 -0.72 0.00	23.32 -0.62 0.00	23.18 -0.55 0.00	23.51 -0.46 0.00	23.28 -0.42 0.00	23.88 -0.34 0.00	24.65 -0.23 0.00	22.77 -0.43 0.00	25.96 -0.49 -0.01	25.59 -0.93 -0.10	27.59 -1.37 -0.18	31.45 -1.56 -0.30	34.07 -2.19 -0.41	36.85 -2.53 -0.51	39.62 -2.86 -0.60	44.42 -2.78 -0.74	50.20 -2.70 -0.84	35.25 -1.75 -0.44	33.30 -1.53 -0.36	34.58 -1.38 -0.40	31.98 -1.11 -0.32	38.89 -1.46 -0.53	32.90 -1.29 -0.34
VALLEY44_115KV_TB2 355964	25.02 0.15 0.00	24.87 0.08 0.00	23.93 -0.02 0.00	23.61 -0.12 0.00	23.88 -0.09 0.00	23.66 -0.05 0.00	24.25 0.04 0.00	25.05 0.18 0.00	23.42 0.21 0.00	27.20 0.76 0.00	27.36 0.94 0.00	30.11 1.33 0.00	34.00 1.29 0.00	37.93 2.09 0.00	41.37 2.50 0.00	43.88 2.00 0.00	47.52 1.05 0.00	53.16 1.10 0.00	37.24 0.69 0.00	35.14 0.68 0.00	35.97 0.41 0.00	33.14 0.36 0.00	40.34 0.53 0.00	34.53 0.69 0.00
VALLEY__115KV_TB 1-4 80826	25.15 0.29 0.00	24.95 0.16 0.00	24.08 0.13 0.00	23.89 0.16 0.00	24.07 0.10 0.00	23.80 0.09 0.00	24.26 0.04 0.00	24.88 0.00 0.00	23.28 0.07 0.00	26.43 -0.02 0.00	26.44 0.03 0.00	28.85 0.07 0.00	32.75 0.04 0.00	36.06 0.22 0.00	39.37 0.50 0.00	42.54 0.65 0.00	47.36 0.89 0.00	53.09 1.03 0.00	37.43 0.88 0.00	35.36 0.90 0.00	36.52 0.96 0.00	33.55 0.77 0.00	40.77 0.96 0.00	34.57 0.72 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	25.81 0.95 0.00	25.61 0.82 0.00	24.69 0.74 0.00	24.47 0.74 0.00	24.72 0.76 0.00	24.46 0.75 0.00	24.93 0.71 0.00	25.71 0.83 0.00	24.10 0.90 0.00	27.58 1.13 -0.01	27.76 1.24 -0.10	30.53 1.58 -0.18	34.82 1.81 -0.30	38.39 2.14 -0.41	41.87 2.50 -0.50	45.27 2.79 -0.59	50.10 2.89 -0.73	56.28 3.38 -0.83	39.31 2.32 -0.44	37.00 2.17 -0.36	38.14 2.18 -0.40	34.95 1.86 -0.32	42.48 2.14 -0.53	35.95 1.76 -0.34
VISCHER__FERRY HYD 24020	25.69 0.83 0.00	25.61 0.82 0.00	24.79 0.84 0.00	24.56 0.83 0.00	24.75 0.77 0.00	24.44 0.73 0.00	24.95 0.73 0.00	25.57 0.69 0.00	23.84 0.63 0.00	26.97 0.53 0.00	26.71 0.52 0.23	29.31 0.70 0.17	32.46 0.69 0.94	35.74 0.77 0.87	38.93 1.00 0.95	42.21 1.25 0.92	47.95 1.48 0.00	53.07 1.46 0.45	37.75 1.19 0.00	35.65 1.19 0.00	36.86 1.30 0.00	33.84 1.07 0.00	41.18 1.37 0.00	35.03 1.18 0.00
V_A_10_SYNC_DSASP 323832	24.56 -0.30 0.00	24.52 -0.26 0.00	23.65 -0.30 0.00	23.27 -0.46 0.00	23.50 -0.47 0.00	23.28 -0.43 0.00	23.92 -0.30 0.00	24.49 -0.38 0.00	22.87 -0.34 0.00	26.61 0.16 0.00	26.84 0.42 0.00	29.46 0.68 0.00	33.48 0.77 0.00	37.11 1.27 0.00	40.50 1.63 0.00	42.88 1.00 0.00	46.63 0.16 0.00	52.20 0.13 0.00	36.55 0.00 0.00	34.44 -0.02 0.00	35.29 -0.27 0.00	32.53 -0.25 0.00	39.47 -0.34 0.00	33.87 0.02 0.00
V_CMM_10_SYNC_DSASP 323787	24.47 -0.39 0.00	24.56 -0.23 0.00	23.77 -0.18 0.00	23.58 -0.15 0.00	23.89 -0.08 0.00	23.64 -0.07 0.00	24.23 0.01 0.00	24.99 0.11 0.00	23.16 -0.05 0.00	26.41 -0.04 0.00	26.18 -0.23 0.00	28.22 -0.56 0.00	32.12 -0.59 0.00	34.79 -1.05 0.00	37.56 -1.31 0.00	40.39 -1.50 0.00	45.03 -1.44 0.00	50.66 -1.40 0.00	35.63 -0.93 0.00	33.58 -0.88 0.00	34.75 -0.81 0.00	32.19 -0.59 0.00	39.14 -0.67 0.00	33.32 -0.53 0.00
V_CMP_10_SYNC_DSASP 323788	24.12 -0.74 0.00	24.01 -0.78 0.00	23.36 -0.59 0.00	23.47 -0.25 0.00	24.07 0.10 0.00	23.83 0.12 0.00	24.55 0.33 0.00	25.48 0.60 0.00	23.67 0.47 0.00	26.90 0.45 0.00	26.78 0.36 0.00	28.92 0.14 0.00	32.86 0.15 0.00	35.51 -0.33 0.00	38.47 -0.40 0.00	41.47 -0.42 0.00	46.12 -0.35 0.00	52.05 -0.01 0.00	36.85 0.29 0.00	34.80 0.34 0.00	36.05 0.49 0.00	33.23 0.45 0.00	40.39 0.58 0.00	34.34 0.49 0.00
V_D_10_SYNC_DSASP 323841	24.42 -0.45 0.00	24.66 -0.13 0.00	23.87 -0.08 0.00	23.68 -0.05 0.00	24.00 0.03 0.00	23.76 0.05 0.00	24.34 0.12 0.00	25.11 0.23 0.00	23.24 0.04 0.00	26.50 0.06 0.00	26.12 -0.29 0.00	28.12 -0.66 0.00	32.00 -0.71 0.00	34.64 -1.20 0.00	37.40 -1.47 0.00	40.21 -1.68 0.00	44.86 -1.61 0.00	50.52 -1.54 0.00	35.54 -1.01 0.00	33.53 -0.93 0.00	34.73 -0.83 0.00	32.17 -0.61 0.00	39.09 -0.72 0.00	33.27 -0.58 0.00
V_E_10_SYNC_DSASP 323830	26.01 1.14 0.00	25.77 0.98 0.00	24.95 1.00 0.00	24.80 1.07 0.00	25.16 1.19 0.00	25.03 1.33 0.00	25.63 1.41 0.00	26.41 1.53 0.00	24.78 1.58 0.00	28.30 1.84 -0.02	28.58 1.92 -0.23	31.50 2.30 -0.42	35.99 2.57 -0.70	40.17 3.38 -0.96	43.72 3.68 -1.17	47.45 4.18 -1.38	52.61 4.43 -1.71	59.45 5.45 -1.94	41.72 4.14 -1.03	39.25 3.95 -0.84	40.46 3.97 -0.93	36.94 3.42 -0.74	44.97 3.92 -1.24	37.86 3.22 -0.79
V_F_30_NSYNC__DSASP 323816	26.07 1.21 0.00	25.93 1.15 0.00	25.06 1.11 0.00	24.81 1.09 0.00	25.00 1.03 0.00	24.70 0.99 0.00	25.23 1.01 0.00	25.89 1.02 0.00	24.17 0.96 0.00	27.39 0.94 0.00	27.15 0.91 0.18	29.73 1.09 0.14	33.10 1.13 0.74	36.50 1.34 0.68	39.80 1.67 0.74	43.12 1.95 0.72	48.89 2.42 0.00	54.40 2.69 0.35	38.67 2.12 0.00	36.53 2.07 0.00	37.75 2.19 0.00	34.59 1.81 0.00	42.10 2.29 0.00	35.78 1.93 0.00
V_F_30_SYNC_DSASP 323786	25.55 0.68 0.00	25.44 0.65 0.00	24.58 0.63 0.00	24.36 0.63 0.00	24.56 0.59 0.00	24.27 0.56 0.00	24.78 0.55 0.00	25.42 0.54 0.00	23.73 0.52 0.00	26.75 0.30 0.00	26.64 0.38 0.16	29.18 0.52 0.12	32.57 0.53 0.66	35.80 0.57 0.61	38.99 0.78 0.67	42.24 1.00 0.65	47.68 1.20 0.00	52.96 1.22 0.31	37.46 0.91 0.00	35.35 0.89 0.00	36.51 0.95 0.00	33.54 0.76 0.00	40.73 0.92 0.00	34.61 0.76 0.00



V_XM10_SYNC_DSASP 323789	24.12 -0.74 0.00	24.01 -0.78 0.00	23.36 -0.59 0.00	23.47 -0.25 0.00	24.07 0.10 0.00	23.83 0.12 0.00	24.55 0.33 0.00	25.48 0.60 0.00	23.67 0.47 0.00	26.90 0.45 0.00	26.78 0.36 0.00	28.92 0.14 0.00	32.86 0.15 0.00	35.51 -0.33 0.00	38.47 -0.40 0.00	41.47 -0.42 0.00	46.12 -0.35 0.00	52.05 -0.01 0.00	36.85 0.29 0.00	34.80 0.34 0.00	36.05 0.49 0.00	33.23 0.45 0.00	40.39 0.58 0.00	34.34 0.49 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	26.00 1.14 0.00	25.72 0.93 0.00	24.74 0.79 0.00	24.47 0.74 0.00	24.69 0.72 0.00	24.38 0.68 0.00	25.00 0.78 0.00	25.71 0.83 0.00	24.14 0.94 0.00	27.51 1.07 0.00	27.79 1.21 -0.16	30.60 1.70 -0.13	35.45 2.06 -0.68	38.96 2.50 -0.63	42.54 2.98 -0.69	46.02 3.46 -0.67	50.20 3.72 0.00	56.44 4.05 -0.32	39.21 2.66 0.00	36.89 2.43 0.00	37.93 2.37 0.00	34.77 1.99 0.00	42.07 2.26 0.00	35.71 1.87 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	26.17 1.30 0.00	25.89 1.10 0.00	24.89 0.94 0.00	24.61 0.88 0.00	24.83 0.86 0.00	24.53 0.82 0.00	25.13 0.91 0.00	25.86 0.98 0.00	24.31 1.10 0.00	27.70 1.25 0.00	28.00 1.40 -0.18	30.81 1.89 -0.14	35.66 2.20 -0.75	39.18 2.66 -0.69	42.72 3.10 -0.75	46.19 3.58 -0.73	50.29 3.81 0.00	56.61 4.20 -0.35	39.25 2.70 0.00	36.91 2.45 0.00	38.02 2.46 0.00	34.87 2.09 0.00	42.19 2.38 0.00	35.88 2.04 0.00
W50THST__13_KV_LOAD 356117	26.29 1.43 0.00	26.01 1.23 0.00	25.00 1.05 0.00	24.71 0.98 0.00	24.93 0.96 0.00	24.63 0.92 0.00	25.24 1.02 0.00	25.98 1.10 0.00	24.44 1.23 0.00	27.85 1.40 0.00	28.16 1.56 -0.18	31.01 2.10 -0.14	35.90 2.44 -0.75	39.45 2.92 -0.69	43.03 3.40 -0.75	46.51 3.89 -0.73	50.61 4.14 0.00	56.98 4.56 -0.35	39.50 2.95 0.00	37.13 2.67 0.00	38.24 2.68 0.00	35.06 2.29 0.00	42.42 2.61 0.00	36.07 2.23 0.00
WADING RIVER_IC_1 23522	26.56 1.70 0.00	27.44 1.52 -1.13	25.24 1.30 0.00	24.92 1.19 0.00	25.15 1.18 0.00	24.76 1.06 0.00	25.38 1.16 0.00	26.08 1.20 0.00	24.60 1.40 0.00	27.99 1.54 0.00	27.78 1.18 -0.18	30.68 1.77 -0.14	35.87 2.41 -0.75	39.29 2.77 -0.69	43.12 3.50 -0.75	46.41 3.79 -0.73	51.16 4.26 -0.42	57.10 4.68 -0.35	39.84 3.29 0.00	37.53 3.07 0.00	38.33 2.77 0.00	48.02 2.26 -12.97	42.85 2.80 -0.24	36.31 2.46 0.00
WADING RIVER_IC_2 23547	26.56 1.70 0.00	27.44 1.52 -1.13	25.24 1.30 0.00	24.92 1.19 0.00	25.15 1.18 0.00	24.76 1.06 0.00	25.38 1.16 0.00	26.08 1.20 0.00	24.60 1.40 0.00	27.99 1.54 0.00	27.78 1.18 -0.18	30.68 1.77 -0.14	35.87 2.41 -0.75	39.29 2.77 -0.69	43.12 3.50 -0.75	46.41 3.79 -0.73	51.16 4.26 -0.42	57.10 4.68 -0.35	39.84 3.29 0.00	37.53 3.07 0.00	38.33 2.77 0.00	48.02 2.26 -12.97	42.85 2.80 -0.24	36.31 2.46 0.00
WADING RIVER_IC_3 23601	26.56 1.70 0.00	27.44 1.52 -1.13	25.24 1.30 0.00	24.92 1.19 0.00	25.15 1.18 0.00	24.76 1.06 0.00	25.38 1.16 0.00	26.08 1.20 0.00	24.60 1.40 0.00	27.99 1.54 0.00	27.78 1.18 -0.18	30.68 1.77 -0.14	35.87 2.41 -0.75	39.29 2.77 -0.69	43.12 3.50 -0.75	46.41 3.79 -0.73	51.16 4.26 -0.42	57.10 4.68 -0.35	39.84 3.29 0.00	37.53 3.07 0.00	38.33 2.77 0.00	48.02 2.26 -12.97	42.85 2.80 -0.24	36.31 2.46 0.00
WALDENNY_12_KV_BK2 80841	24.93 0.07 0.00	24.88 0.09 0.00	23.99 0.05 0.00	23.60 -0.13 0.00	23.82 -0.15 0.00	23.62 -0.09 0.00	24.19 -0.03 0.00	24.91 0.03 0.00	23.28 0.08 0.00	27.19 0.74 0.00	27.49 1.07 0.00	30.24 1.46 0.00	34.35 1.64 0.00	38.19 2.35 0.00	41.66 2.79 0.00	44.02 2.13 0.00	47.76 1.29 0.00	53.47 1.41 0.00	37.40 0.85 0.00	35.26 0.80 0.00	36.07 0.51 0.00	33.21 0.44 0.00	40.23 0.42 0.00	34.55 0.70 0.00
WALDEN__HYDRO 24148	25.94 1.08 0.00	25.68 0.89 0.00	24.71 0.76 0.00	24.44 0.71 0.00	24.65 0.68 0.00	24.36 0.65 0.00	24.95 0.73 0.00	25.65 0.78 0.00	24.08 0.87 0.00	27.40 0.96 0.00	27.65 1.10 -0.14	30.42 1.54 -0.10	35.12 1.85 -0.57	38.59 2.23 -0.52	42.02 2.58 -0.57	45.49 3.05 -0.56	49.74 3.27 0.00	55.98 3.65 -0.27	39.01 2.45 0.00	36.73 2.27 0.00	37.80 2.24 0.00	34.68 1.90 0.00	41.96 2.15 0.00	35.63 1.78 0.00
WARRENSBURG____ 23737	26.06 1.19 0.00	25.89 1.10 0.00	25.01 1.06 0.00	24.77 1.04 0.00	24.92 0.95 0.00	24.60 0.90 0.00	25.19 0.97 0.00	25.89 1.01 0.00	24.18 0.97 0.00	27.35 0.90 0.00	26.94 0.69 0.17	29.52 0.87 0.13	32.78 0.76 0.70	36.25 1.05 0.64	39.57 1.40 0.70	42.88 1.68 0.68	48.73 2.26 0.00	54.31 2.58 0.33	38.98 2.43 0.00	36.84 2.37 0.00	38.03 2.47 0.00	34.70 1.92 0.00	42.38 2.57 0.00	36.01 2.17 0.00
WATERSIDE____6 8 9 23538	26.19 1.33 0.00	25.92 1.13 0.00	24.93 0.98 0.00	24.67 0.94 0.00	24.90 0.92 0.00	24.60 0.89 0.00	25.21 0.99 0.00	25.93 1.05 0.00	24.37 1.15 0.00	27.75 1.30 0.00	28.03 1.43 -0.18	30.81 1.90 -0.14	35.67 2.21 -0.75	39.18 2.65 -0.69	42.73 3.11 -0.75	46.19 3.57 -0.73	50.28 3.80 0.00	56.59 4.18 -0.35	39.24 2.68 0.00	36.95 2.49 0.00	38.01 2.45 0.00	34.90 2.12 0.00	42.19 2.39 0.00	35.91 2.06 0.00
WATKINRD_115KV_LN8_ILLION 55919	25.08 0.22 0.00	24.92 0.13 0.00	24.07 0.12 0.00	23.86 0.13 0.00	24.06 0.09 0.00	23.80 0.09 0.00	24.26 0.03 0.00	24.86 -0.02 0.00	23.23 0.02 0.00	26.40 -0.05 0.00	26.40 -0.02 0.00	28.80 0.02 0.00	32.72 0.01 0.00	35.98 0.14 0.00	39.24 0.37 0.00	42.36 0.48 0.00	47.14 0.67 0.00	52.81 0.75 0.00	37.18 0.63 0.00	35.11 0.64 0.00	36.25 0.69 0.00	33.32 0.54 0.00	40.47 0.66 0.00	34.35 0.50 0.00
WATSON__69_KV_BK 1 55734	26.95 2.09 0.00	27.84 1.92 -1.13	25.64 1.70 0.00	25.32 1.59 0.00	25.56 1.60 0.00	25.17 1.47 0.00	25.83 1.61 0.00	26.52 1.64 0.00	24.99 1.78 0.00	28.41 1.96 0.00	28.23 1.63 -0.18	31.19 2.28 -0.14	36.46 3.01 -0.75	39.95 3.42 -0.69	43.73 4.11 -0.75	47.09 4.47 -0.73	51.91 5.01 -0.42	57.83 5.42 -0.35	40.40 3.85 0.00	38.07 3.61 0.00	38.97 3.42 0.00	48.68 2.93 -12.97	43.65 3.60 -0.24	36.98 3.13 0.00
WDELAWARE__HYD 323627	25.26 0.39 0.00	24.99 0.20 0.00	24.02 0.07 0.00	23.77 0.04 0.00	23.97 0.00 0.00	23.68 -0.02 0.00	24.24 0.02 0.00	24.94 0.06 0.00	23.45 0.24 0.00	26.74 0.29 0.00	26.97 0.45 -0.10	29.65 0.79 -0.08	33.97 0.84 -0.43	36.42 0.18 -0.39	39.60 0.30 -0.43	43.06 0.75 -0.42	47.20 0.72 0.00	53.34 1.08 -0.20	37.27 0.71 0.00	35.09 0.63 0.00	36.20 0.64 0.00	33.98 1.20 0.00	41.09 1.28 0.00	34.85 1.00 0.00
WEST BABYLON__IC 23714	26.85 1.99 0.00	27.75 1.83 -1.13	25.55 1.60 0.00	25.23 1.50 0.00	25.47 1.50 0.00	25.09 1.38 0.00	25.73 1.51 0.00	26.41 1.54 0.00	24.88 1.67 0.00	28.29 1.84 0.00	28.13 1.54 -0.18	31.05 2.13 -0.14	36.23 2.77 -0.75	39.74 3.21 -0.69	43.42 3.80 -0.75	46.78 4.16 -0.73	51.55 4.66 -0.42	57.47 5.05 -0.35	40.11 3.56 0.00	37.79 3.33 0.00	38.73 3.17 0.00	48.50 2.75 -12.97	43.50 3.45 -0.24	36.84 3.00 0.00



WEST CANADA___HYD 24049	24.94 0.08 0.00	24.86 0.07 0.00	24.02 0.07 0.00	23.80 0.07 0.00	24.03 0.06 0.00	23.76 0.05 0.00	24.27 0.05 0.00	24.90 0.02 0.00	23.25 0.04 0.00	26.48 0.03 0.00	26.47 0.06 0.00	28.91 0.13 0.00	32.86 0.15 0.00	36.05 0.21 0.00	39.16 0.29 0.00	42.22 0.34 0.00	46.83 0.36 0.00	52.44 0.38 0.00	36.83 0.28 0.00	34.74 0.27 0.00	35.84 0.28 0.00	32.98 0.20 0.00	40.03 0.23 0.00	34.03 0.18 0.00
WESTERN_NY_WIND 24143	25.55 0.69 0.00	25.45 0.66 0.00	24.49 0.55 0.00	24.07 0.34 0.00	24.28 0.31 0.00	24.05 0.34 0.00	24.60 0.38 0.00	25.27 0.39 0.00	23.58 0.37 0.00	27.47 1.02 0.00	27.71 1.30 0.00	30.52 1.74 0.00	34.80 2.09 0.00	38.62 2.78 0.00	42.18 3.31 0.00	44.61 2.73 0.00	48.47 1.99 0.00	54.50 2.44 0.00	38.23 1.67 0.00	36.01 1.55 0.00	36.87 1.31 0.00	33.93 1.15 0.00	41.04 1.23 0.00	35.15 1.31 0.00
WESTOVER___LESR 323668	25.10 0.23 0.00	24.92 0.13 0.00	24.03 0.09 0.00	23.81 0.08 0.00	24.03 0.06 0.00	23.81 0.10 0.00	24.33 0.11 0.00	25.05 0.17 0.00	23.41 0.20 0.00	26.83 0.37 -0.02	27.14 0.50 -0.22	29.94 0.76 -0.40	34.19 0.80 -0.67	38.07 1.31 -0.91	41.56 1.57 -1.12	44.77 1.57 -1.32	49.37 1.27 -1.63	55.45 1.54 -1.85	38.57 1.04 -0.98	36.22 0.95 -0.80	37.31 0.86 -0.89	34.16 0.68 -0.70	41.76 0.77 -1.18	35.24 0.64 -0.76
WETHRSFD_WT_PWR 323626	24.59 -0.27 0.00	24.55 -0.24 0.00	23.72 -0.22 0.00	23.42 -0.31 0.00	23.69 -0.28 0.00	23.54 -0.16 0.00	24.22 0.00 0.00	24.88 0.00 0.00	23.25 0.04 0.00	27.01 0.56 0.00	27.25 0.83 0.00	29.96 1.18 0.00	34.00 1.29 0.00	37.78 1.94 0.00	41.19 2.32 0.00	43.70 1.81 0.00	47.49 1.01 0.00	53.23 1.17 0.00	37.37 0.81 0.00	35.23 0.77 0.00	36.09 0.53 0.00	33.21 0.43 0.00	40.23 0.42 0.00	34.47 0.62 0.00
WHAVSTOR_138KV_BK127 55557	25.89 1.03 0.00	25.62 0.84 0.00	24.65 0.70 0.00	24.37 0.65 0.00	24.59 0.62 0.00	24.29 0.58 0.00	24.90 0.68 0.00	25.60 0.72 0.00	24.04 0.83 0.00	27.38 0.93 0.00	27.65 1.07 -0.17	30.43 1.53 -0.13	35.26 1.86 -0.68	38.75 2.28 -0.63	42.28 2.72 -0.69	45.72 3.17 -0.67	49.86 3.39 0.00	56.07 3.68 -0.32	38.96 2.41 0.00	36.66 2.19 0.00	37.71 2.15 0.00	34.57 1.79 0.00	41.84 2.03 0.00	35.53 1.68 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	25.89 1.03 0.00	25.62 0.84 0.00	24.65 0.70 0.00	24.37 0.65 0.00	24.59 0.62 0.00	24.29 0.58 0.00	24.90 0.68 0.00	25.60 0.72 0.00	24.04 0.83 0.00	27.38 0.93 0.00	27.65 1.07 -0.17	30.43 1.53 -0.13	35.26 1.86 -0.68	38.75 2.28 -0.63	42.28 2.72 -0.69	45.72 3.17 -0.67	49.86 3.39 0.00	56.07 3.68 -0.32	38.96 2.41 0.00	36.66 2.19 0.00	37.71 2.15 0.00	34.57 1.79 0.00	41.84 2.03 0.00	35.53 1.68 0.00
WHITEHAL_115KV_TB1 80871	26.90 2.04 0.00	26.75 1.96 0.00	25.81 1.86 0.00	25.64 1.91 0.00	25.66 1.70 0.00	25.29 1.59 0.00	26.06 1.84 0.00	26.90 2.02 0.00	24.90 1.69 0.00	27.93 1.48 0.00	27.42 1.18 0.17	30.16 1.51 0.13	33.39 1.39 0.71	37.25 2.07 0.66	40.25 2.10 0.72	43.97 2.79 0.70	50.04 3.57 0.00	55.78 4.06 0.34	40.06 3.51 0.00	38.12 3.65 0.00	39.27 3.71 0.00	35.71 2.93 0.00	44.00 4.19 0.00	37.66 3.81 0.00
WHITEPLN_13_KV_LOAD 356215	26.32 1.45 0.00	26.04 1.25 0.00	25.03 1.08 0.00	24.75 1.02 0.00	24.97 0.99 0.00	24.67 0.96 0.00	25.27 1.06 0.00	26.01 1.13 0.00	24.45 1.24 0.00	27.85 1.40 0.00	28.12 1.53 -0.18	30.97 2.05 -0.14	35.92 2.46 -0.74	39.46 2.94 -0.69	43.08 3.47 -0.75	46.59 3.97 -0.73	50.77 4.29 0.00	57.13 4.72 -0.35	39.67 3.11 0.00	37.30 2.84 0.00	38.38 2.82 0.00	35.19 2.41 0.00	42.58 2.77 0.00	36.16 2.31 0.00
WM_FLOYD_69_KV_BK2 356380	26.80 1.94 0.00	27.68 1.76 -1.13	25.48 1.54 0.00	25.16 1.42 0.00	25.39 1.42 0.00	25.01 1.30 0.00	25.65 1.43 0.00	26.32 1.44 0.00	24.82 1.61 0.00	28.22 1.78 0.00	27.99 1.39 -0.18	30.92 2.01 -0.14	36.18 2.72 -0.75	39.62 3.10 -0.69	43.45 3.83 -0.75	46.79 4.18 -0.73	51.58 4.69 -0.42	57.61 5.19 -0.35	40.17 3.62 0.00	37.85 3.39 0.00	38.69 3.13 0.00	48.36 2.61 -12.97	43.27 3.22 -0.24	36.67 2.82 0.00
WOODARD__115KV_TB2 355635	24.78 -0.09 0.00	24.66 -0.13 0.00	23.80 -0.15 0.00	23.55 -0.18 0.00	23.77 -0.20 0.00	23.51 -0.20 0.00	23.98 -0.24 0.00	24.59 -0.29 0.00	22.98 -0.23 0.00	26.32 -0.16 -0.03	26.81 -0.04 -0.44	29.69 0.13 -0.78	34.17 0.15 -1.32	37.98 0.36 -1.78	41.53 0.47 -2.19	44.89 0.42 -2.59	49.91 0.25 -3.18	56.03 0.35 -3.62	38.65 0.19 -1.92	36.17 0.14 -1.57	37.38 0.08 -1.74	34.14 -0.01 -1.38	42.06 -0.06 -2.31	35.25 -0.08 -1.48
YORK___WARBASSE 23770	26.32 1.46 0.00	26.04 1.25 0.00	25.03 1.09 0.00	24.83 1.09 -0.01	25.07 1.09 -0.01	24.74 1.03 0.00	25.34 1.11 0.00	26.04 1.16 0.00	24.45 1.24 0.00	27.85 1.41 0.00	28.13 1.53 -0.18	30.93 2.01 -0.14	35.78 2.33 -0.75	39.27 2.74 -0.69	42.86 3.24 -0.75	46.36 3.74 -0.73	50.45 3.97 0.00	56.81 4.40 -0.35	39.38 2.82 0.00	37.13 2.67 0.00	38.16 2.60 0.00	35.06 2.28 0.00	42.36 2.55 0.00	36.06 2.21 0.00