

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

07/05/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	29.53	26.81	24.52	23.66	23.83	24.20	26.60	27.92	30.50	32.69	34.93	36.82	38.93	42.07	43.83	44.21	53.07	55.47	52.49	45.34	40.83	37.03	34.12	31.41
24138	2.51	1.96	1.48	1.40	1.39	1.48	2.02	2.47	2.75	2.97	3.39	3.48	3.61	3.82	3.94	4.02	4.82	5.36	4.73	4.01	3.65	3.34	3.16	2.81
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-0.21	-0.22	-0.39	-0.44	0.00	-2.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	29.58	26.81	24.56	23.73	23.90	24.25	26.63	27.92	30.53	32.72	34.93	36.82	38.96	42.11	43.87	44.21	53.28	55.52	52.59	45.42	40.90	37.13	34.21	31.47
24260	2.57	1.96	1.52	1.47	1.46	1.52	2.04	2.47	2.78	3.00	3.39	3.48	3.65	3.86	3.98	4.02	4.87	5.41	4.82	4.09	3.72	3.44	3.25	2.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-0.21	-0.22	-0.39	-0.44	0.00	-2.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	29.58	26.81	24.56	23.73	23.90	24.25	26.63	27.92	30.53	32.72	34.93	36.82	38.96	42.11	43.87	44.21	53.28	55.52	52.59	45.42	40.90	37.13	34.21	31.47
24261	2.57	1.96	1.52	1.47	1.46	1.52	2.04	2.47	2.78	3.00	3.39	3.48	3.65	3.86	3.98	4.02	4.87	5.41	4.82	4.09	3.72	3.44	3.25	2.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-0.21	-0.22	-0.39	-0.44	0.00	-2.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	28.63	26.29	24.17	23.31	23.51	23.86	25.89	26.88	29.36	31.39	32.82	34.78	36.87	39.37	41.15	42.48	47.51	53.21	51.25	44.51	40.12	36.43	33.32	30.55
24011	1.62	1.44	1.13	1.05	1.08	1.14	1.30	1.43	1.61	1.66	1.66	1.86	2.00	1.89	2.13	2.29	2.50	3.11	3.49	3.18	2.94	2.73	2.35	1.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.21	0.22	0.38	0.43	0.00	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	28.80	26.42	24.31	23.44	23.60	23.98	26.01	27.01	29.53	31.60	32.98	35.01	37.12	39.64	41.43	42.80	47.84	53.61	51.68	44.84	40.46	36.73	33.56	30.76
23798	1.78	1.57	1.27	1.18	1.17	1.25	1.43	1.55	1.78	1.87	1.82	2.09	2.25	2.16	2.41	2.61	2.82	3.51	3.92	3.51	3.27	3.03	2.60	2.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.20	0.21	0.38	0.42	0.00	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	28.63	26.29	24.17	23.31	23.51	23.86	25.89	26.88	29.36	31.39	32.82	34.78	36.87	39.37	41.15	42.48	47.51	53.21	51.25	44.51	40.12	36.43	33.32	30.55
24028	1.62	1.44	1.13	1.05	1.08	1.14	1.30	1.43	1.61	1.66	1.66	1.86	2.00	1.89	2.13	2.29	2.50	3.11	3.49	3.18	2.94	2.73	2.35	1.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.21	0.22	0.38	0.43	0.00	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	28.28	25.92	23.87	23.11	23.27	23.57	25.62	26.70	28.97	30.91	32.16	33.94	35.92	38.39	39.94	41.68	46.25	52.31	50.05	43.48	38.93	35.41	32.60	29.93
23527	1.27	1.07	0.83	0.85	0.83	0.84	1.03	1.25	1.22	1.19	1.22	1.26	1.30	1.36	1.42	1.49	1.77	2.20	2.29	2.15	1.75	1.72	1.64	1.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.45	0.47	0.83	0.93	0.00	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	27.50	25.25	23.34	22.62	22.82	23.07	25.03	26.04	28.23	30.17	31.75	33.52	35.36	37.99	39.60	40.75	45.72	51.01	48.67	42.20	37.89	34.40	31.77	29.21
24190	0.49	0.40	0.30	0.36	0.38	0.34	0.44	0.59	0.47	0.45	0.56	0.56	0.46	0.45	0.51	0.56	0.64	0.90	0.91	0.87	0.71	0.71	0.81	0.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.17	0.18	0.32	0.36	0.00	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	26.31	24.28	22.79	22.05	22.21	22.52	24.09	24.92	27.23	29.19	30.66	32.37	34.28	36.95	38.50	39.27	44.38	49.00	46.66	40.34	36.25	32.72	30.00	27.81
355683	-0.70	-0.57	-0.25	-0.22	-0.22	-0.20	-0.49	-0.53	-0.53	-0.54	-0.69	-0.76	-0.81	-0.91	-0.95	-0.92	-1.09	-1.10	-1.10	-0.99	-0.93	-0.98	-0.96	-0.80
	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	28.09	25.82	23.82	23.06	23.24	23.52	25.49	26.42	28.62	30.49	31.99	33.74	35.53	38.21	39.92	40.99	46.31	51.61	49.43	42.90	38.60	35.05	32.42	29.84
323833	1.08	0.97	0.78	0.80	0.81	0.80	0.91	0.97	0.86	0.77	0.75	0.73	0.56	0.57	0.71	0.80	1.09	1.50	1.67	1.57	1.41	1.35	1.46	1.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.11	0.12	0.21	0.24	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	28.09	25.79	23.82	23.06	23.24	23.52	25.49	26.42	28.62	30.49	31.99	33.74	35.50	38.21	39.88	40.99	46.26	51.56	49.43	42.90	38.60	35.05	32.42	29.84
323834	1.08	0.94	0.78	0.80	0.81	0.80	0.91	0.97	0.86	0.77	0.75	0.73	0.53	0.57	0.67	0.80	1.05	1.45	1.67	1.57	1.41	1.35	1.46	1.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.11	0.12	0.21	0.24	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	27.50	25.25	23.34	22.62	22.82	23.07	25.03	26.04	28.23	30.17	31.75	33.52	35.36	37.99	39.60	40.75	45.72	51.01	48.67	42.20	37.89	34.40	31.77	29.21
23571	0.49	0.40	0.30	0.36	0.38	0.34	0.44	0.59	0.47	0.45	0.56	0.56	0.46	0.45	0.51	0.56	0.64	0.90	0.91	0.87	0.71	0.71	0.81	0.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.17	0.18	0.32	0.36	0.00	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	27.50 0.49 0.00	25.25 0.40 0.00	23.34 0.30 0.00	22.62 0.36 0.00	22.82 0.38 0.00	23.07 0.34 0.00	25.03 0.44 0.00	26.04 0.59 0.00	28.23 0.47 0.00	30.17 0.45 0.00	31.75 0.56 0.16	33.52 0.56 0.17	35.36 0.46 0.18	37.99 0.45 0.32	39.60 0.51 0.36	40.75 0.56 0.00	45.72 0.64 0.38	51.01 0.90 0.00	48.67 0.91 0.00	42.20 0.87 0.00	37.89 0.71 0.00	34.40 0.71 0.00	31.77 0.81 0.00	29.21 0.60 0.00
ALBANY___3 23573	27.50 0.49 0.00	25.25 0.40 0.00	23.34 0.30 0.00	22.62 0.36 0.00	22.82 0.38 0.00	23.07 0.34 0.00	25.03 0.44 0.00	26.04 0.59 0.00	28.23 0.47 0.00	30.17 0.45 0.00	31.75 0.56 0.16	33.52 0.56 0.17	35.36 0.46 0.18	37.99 0.45 0.32	39.60 0.51 0.36	40.75 0.56 0.00	45.72 0.64 0.38	51.01 0.90 0.00	48.67 0.91 0.00	42.20 0.87 0.00	37.89 0.71 0.00	34.40 0.71 0.00	31.77 0.81 0.00	29.21 0.60 0.00
ALBANY___4 23574	27.50 0.49 0.00	25.25 0.40 0.00	23.34 0.30 0.00	22.62 0.36 0.00	22.82 0.38 0.00	23.07 0.34 0.00	25.03 0.44 0.00	26.04 0.59 0.00	28.23 0.47 0.00	30.17 0.45 0.00	31.75 0.56 0.16	33.52 0.56 0.17	35.36 0.46 0.18	37.99 0.45 0.32	39.60 0.51 0.36	40.75 0.56 0.00	45.72 0.64 0.38	51.01 0.90 0.00	48.67 0.91 0.00	42.20 0.87 0.00	37.89 0.71 0.00	34.40 0.71 0.00	31.77 0.81 0.00	29.21 0.60 0.00
ALBANY___LFGE 323615	27.82 0.81 0.00	25.52 0.67 0.00	23.59 0.55 0.00	22.82 0.56 0.00	23.00 0.56 0.00	23.27 0.54 0.00	25.27 0.69 0.00	26.29 0.84 0.00	28.56 0.81 0.00	30.53 0.80 0.00	32.11 0.94 0.17	33.93 0.99 0.19	35.80 0.91 0.20	38.45 0.95 0.35	40.12 1.07 0.39	41.32 1.12 0.00	46.32 1.27 0.42	51.66 1.55 0.00	49.34 1.57 0.00	42.74 1.41 0.00	38.37 1.19 0.00	34.84 1.15 0.00	32.14 1.18 0.00	29.52 0.92 0.00
ALCOA_PA_115KV_PL-6C 55860	26.20 -0.81 0.00	24.20 -0.65 0.00	22.70 -0.35 0.00	21.99 -0.29 -0.02	22.12 -0.31 0.00	22.45 -0.27 0.00	24.02 -0.57 0.00	24.84 -0.61 0.00	27.12 -0.64 0.00	29.10 -0.62 0.00	30.56 -0.78 0.00	32.27 -0.86 0.00	34.18 -0.91 0.00	36.83 -1.02 0.00	38.38 -1.07 0.00	39.15 -1.04 0.00	44.24 -1.23 0.00	48.90 -1.20 0.00	46.57 -1.19 0.00	40.26 -1.07 0.00	36.22 -0.97 0.00	32.65 -1.04 0.00	29.91 -1.05 0.00	27.75 -0.86 0.00
ALCOA_RYNLDS___DRP 24188	26.20 -0.81 0.00	24.20 -0.65 0.00	22.70 -0.35 0.00	21.99 -0.29 -0.02	22.12 -0.31 0.00	22.45 -0.27 0.00	24.02 -0.57 0.00	24.84 -0.61 0.00	27.12 -0.64 0.00	29.10 -0.62 0.00	30.56 -0.78 0.00	32.27 -0.86 0.00	34.18 -0.91 0.00	36.83 -1.02 0.00	38.38 -1.07 0.00	39.15 -1.04 0.00	44.24 -1.23 0.00	48.90 -1.20 0.00	46.57 -1.19 0.00	40.26 -1.07 0.00	36.22 -0.97 0.00	32.65 -1.04 0.00	29.91 -1.05 0.00	27.75 -0.86 0.00
ALCOA___DSASP 323711	26.20 -0.81 0.00	24.20 -0.65 0.00	22.70 -0.34 0.00	21.97 -0.31 -0.02	22.12 -0.31 0.00	22.43 -0.30 0.00	24.02 -0.56 0.00	24.84 -0.61 0.00	27.12 -0.64 0.00	29.10 -0.63 0.00	30.56 -0.78 0.00	32.27 -0.86 0.00	34.18 -0.91 0.00	36.84 -1.02 0.00	38.38 -1.06 0.00	39.15 -1.05 0.00	44.24 -1.23 0.00	48.90 -1.20 0.00	46.57 -1.19 0.00	40.26 -1.07 0.00	36.22 -0.97 0.00	32.65 -1.04 0.00	29.91 -1.05 0.00	27.75 -0.86 0.00
ALLEGHENY___COGEN 23514	28.61 1.59 0.00	26.17 1.32 0.00	23.89 0.85 0.00	22.79 0.53 0.00	23.02 0.58 0.00	23.23 0.50 0.00	25.69 1.11 0.00	25.96 0.51 0.00	28.17 0.42 0.00	29.90 0.18 0.00	31.54 0.19 0.00	33.36 0.23 0.00	34.35 -0.74 0.00	37.06 -0.80 0.00	38.86 -0.59 0.00	39.31 -0.88 0.00	44.33 -1.13 0.00	48.80 -1.30 0.01	47.62 -0.14 0.00	41.70 0.37 0.00	37.93 0.74 0.00	35.31 1.62 0.00	32.32 1.36 0.00	30.07 1.46 0.00
ALTAMONT_115KV_TB 2 55880	27.85 0.84 0.00	25.55 0.70 0.00	23.55 0.51 0.00	22.79 0.53 0.00	23.00 0.56 0.00	23.27 0.55 0.00	25.27 0.69 0.00	26.27 0.81 0.00	28.56 0.80 0.00	30.56 0.83 0.00	32.15 0.91 0.11	33.97 0.96 0.12	35.88 0.91 0.12	38.59 0.95 0.21	40.23 1.03 0.24	41.24 1.04 0.00	46.44 1.23 0.26	51.61 1.50 0.00	49.24 1.48 0.00	42.70 1.36 0.00	38.37 1.19 0.00	34.84 1.15 0.00	32.11 1.15 0.00	29.55 0.94 0.00
ALTONA_WT_PWR 323606	26.66 -0.35 0.00	24.63 -0.22 0.00	23.11 0.07 0.00	22.37 0.11 0.00	22.60 0.16 0.00	22.93 0.20 0.00	24.61 0.02 0.00	25.45 0.00 0.00	27.84 0.08 0.00	29.84 0.12 0.00	31.38 0.03 0.00	33.13 0.00 0.00	35.09 0.00 0.00	37.82 -0.04 0.00	39.33 -0.12 0.00	40.15 -0.04 0.00	45.38 -0.09 0.00	50.15 0.05 0.00	47.67 -0.10 0.00	41.13 -0.21 0.00	36.88 -0.30 0.00	33.16 -0.54 0.00	30.28 -0.68 0.00	28.06 -0.54 0.00
AMERICAN_REF_FUEL 24010	26.47 -0.54 0.00	24.20 -0.65 0.00	22.12 -0.92 0.00	21.06 -1.20 0.00	21.23 -1.21 0.00	21.32 -1.41 0.00	23.80 -0.79 0.00	23.90 -1.55 0.00	26.51 -1.25 0.00	28.15 -1.58 0.00	29.84 -1.50 0.00	31.67 -1.46 0.00	33.86 -1.23 0.00	36.46 -1.40 0.00	37.99 -1.46 0.00	38.27 -1.93 0.00	42.79 -2.68 0.00	46.29 -3.81 0.00	44.52 -3.25 0.00	38.27 -3.06 0.00	34.80 -2.38 0.00	31.47 -2.22 0.00	29.07 -1.89 0.00	27.43 -1.17 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	27.96 0.94 0.00	25.49 0.65 0.00	23.25 0.21 0.00	22.13 -0.13 0.00	22.28 -0.16 0.00	22.39 -0.34 0.00	24.98 0.39 0.00	25.33 -0.13 0.00	28.06 0.31 0.00	30.02 0.30 0.00	31.85 0.50 0.00	33.86 0.73 0.00	36.18 1.09 0.00	39.03 1.17 0.00	40.67 1.22 0.00	41.04 0.85 0.00	45.83 0.36 0.00	49.55 -0.55 0.00	47.38 -0.38 0.00	40.63 -0.70 0.00	36.77 -0.41 0.00	33.22 -0.47 0.00	30.47 -0.50 0.00	28.47 -0.14 0.00
ARTHUR KILL_GT_1 23520	29.57 2.54 -0.02	26.97 2.11 -0.01	24.68 1.64 -0.01	23.83 1.56 -0.01	23.99 1.55 -0.01	24.35 1.61 -0.01	26.63 2.04 -0.01	27.84 2.39 0.00	30.30 2.55 0.01	36.45 2.79 -3.93	36.48 3.16 -1.97	37.90 3.31 -1.46	38.74 3.44 -0.22	41.91 3.67 -0.39	43.67 3.79 -0.43	44.08 3.90 0.01	59.90 4.73 -9.70	59.31 5.31 -3.90	57.85 4.68 -5.41	57.74 4.05 -12.36	40.82 3.65 0.01	38.21 3.37 -1.14	36.48 3.16 -2.36	31.37 2.75 -0.02
ARTHUR_KILL_2 23512	29.46 2.43 -0.02	26.87 2.01 -0.01	24.59 1.54 -0.01	23.76 1.49 -0.01	23.90 1.46 -0.01	24.28 1.55 -0.01	26.53 1.94 -0.01	27.74 2.29 0.00	30.19 2.44 0.01	36.36 2.70 -3.93	36.36 3.04 -1.97	37.77 3.18 -1.46	38.57 3.26 -0.22	41.76 3.52 -0.39	43.51 3.63 -0.43	43.88 3.70 0.01	59.67 4.50 -9.70	59.06 5.06 -3.90	57.61 4.44 -5.41	57.49 3.80 -12.36	40.59 3.42 0.01	38.04 3.20 -1.14	36.36 3.04 -2.36	31.23 2.60 -0.02
ARTHUR_KILL_3 23513	29.29 2.27 -0.01	26.56 1.71 0.00	24.28 1.24 0.00	23.44 1.18 0.00	23.58 1.14 0.00	23.95 1.23 0.00	26.30 1.72 0.00	27.64 2.19 0.00	30.20 2.44 0.00	36.31 2.64 -3.94	36.34 3.01 -1.98	37.64 3.05 -1.47	38.43 3.12 -0.22	41.54 3.29 -0.39	43.24 3.35 -0.44	43.69 3.49 0.00	59.33 4.23 -9.63	58.77 4.76 -3.90	57.33 4.15 -5.41	57.25 3.55 -12.36	40.38 3.20 0.00	37.88 3.03 -1.15	36.26 2.94 -2.35	31.22 2.60 -0.01

ARTHUR_KILL_COGEN 323718	29.57 2.54 -0.02	26.97 2.11 -0.01	24.68 1.64 -0.01	23.83 1.56 -0.01	23.99 1.55 -0.01	24.35 1.61 -0.01	26.63 2.04 -0.01	27.84 2.39 0.00	30.30 2.55 0.01	36.45 2.79 -3.93	36.48 3.16 -1.97	37.90 3.31 -1.46	38.74 3.44 -0.22	41.91 3.67 -0.39	43.67 3.79 -0.43	44.08 3.90 0.01	59.90 4.73 -9.70	59.31 5.31 -3.90	57.85 4.68 -5.41	57.74 4.05 -12.36	40.82 3.65 0.01	38.21 3.37 -1.14	36.48 3.16 -2.36	31.37 2.75 -0.02
ASHOKAN____ 23654	29.12 2.11 0.00	26.66 1.81 0.00	24.52 1.48 0.00	23.69 1.43 0.00	23.87 1.44 0.00	24.20 1.48 0.00	26.23 1.65 0.00	27.18 1.73 0.00	29.09 1.33 0.00	31.03 1.31 0.00	33.29 1.94 0.00	35.08 1.95 0.00	37.30 2.21 0.00	40.39 2.54 0.00	42.17 2.72 0.00	42.44 2.25 0.00	48.92 3.45 0.00	53.51 3.41 0.00	51.20 3.44 0.00	44.39 3.06 0.00	39.82 2.64 0.00	36.29 2.59 0.00	33.50 2.54 0.00	30.93 2.32 0.00
ASTORIA_EAST_ENERGY_CC1 323581	29.59 2.57 -0.01	26.87 2.01 -0.01	24.57 1.52 -0.01	23.71 1.45 -0.01	23.88 1.44 -0.01	24.21 1.48 -0.01	26.53 1.94 -0.01	27.77 2.32 0.00	30.25 2.50 0.01	32.45 2.73 0.01	34.64 3.10 -0.19	36.54 3.21 -0.21	38.60 3.30 -0.22	41.72 3.48 -0.39	43.47 3.59 -0.43	43.84 3.66 0.01	52.86 4.46 -2.94	55.01 4.91 0.01	52.10 4.35 0.01	45.00 3.68 0.01	40.52 3.35 0.01	36.79 3.10 0.01	34.10 3.13 -0.01	31.45 2.83 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	29.56 2.54 -0.01	26.87 2.01 -0.01	24.57 1.52 -0.01	23.71 1.45 -0.01	23.88 1.44 -0.01	24.21 1.48 -0.01	26.53 1.94 -0.01	27.77 2.32 0.00	30.25 2.50 0.01	32.45 2.73 0.01	34.64 3.10 -0.19	36.54 3.21 -0.21	38.60 3.30 -0.22	41.72 3.48 -0.39	43.47 3.59 -0.43	43.84 3.66 0.01	52.86 4.46 -2.94	55.01 4.91 0.01	52.10 4.35 0.01	45.00 3.68 0.01	40.52 3.35 0.01	36.79 3.10 0.01	34.10 3.13 -0.01	31.45 2.83 -0.01
ASTORIA_GT2_1 24094	29.59 2.57 -0.01	26.85 1.99 -0.01	24.57 1.52 -0.01	23.74 1.47 -0.01	23.95 1.50 -0.01	24.23 1.50 -0.01	26.56 1.97 -0.01	27.77 2.32 0.00	30.31 2.55 0.00	32.48 2.76 0.01	34.70 3.17 -0.19	36.55 3.21 -0.21	38.64 3.33 -0.22	41.77 3.52 -0.39	43.56 3.67 -0.44	43.89 3.70 0.00	52.92 4.50 -2.94	54.96 4.86 0.00	52.11 4.35 0.00	45.05 3.72 0.00	40.57 3.38 0.00	36.86 3.17 0.00	34.13 3.16 -0.01	31.48 2.86 -0.01
ASTORIA_GT2_2 24095	29.59 2.57 -0.01	26.85 1.99 -0.01	24.57 1.52 -0.01	23.74 1.47 -0.01	23.95 1.50 -0.01	24.23 1.50 -0.01	26.56 1.97 -0.01	27.77 2.32 0.00	30.31 2.55 0.00	32.48 2.76 0.01	34.70 3.17 -0.19	36.55 3.21 -0.21	38.64 3.33 -0.22	41.77 3.52 -0.39	43.56 3.67 -0.44	43.89 3.70 0.00	52.92 4.50 -2.94	54.96 4.86 0.00	52.11 4.35 0.00	45.05 3.72 0.00	40.57 3.38 0.00	36.86 3.17 0.00	34.13 3.16 -0.01	31.48 2.86 -0.01
ASTORIA_GT2_3 24096	29.59 2.57 -0.01	26.85 1.99 -0.01	24.57 1.52 -0.01	23.74 1.47 -0.01	23.95 1.50 -0.01	24.23 1.50 -0.01	26.56 1.97 -0.01	27.77 2.32 0.00	30.31 2.55 0.00	32.48 2.76 0.01	34.70 3.17 -0.19	36.55 3.21 -0.21	38.64 3.33 -0.22	41.77 3.52 -0.39	43.56 3.67 -0.44	43.89 3.70 0.00	52.92 4.50 -2.94	54.96 4.86 0.00	52.11 4.35 0.00	45.05 3.72 0.00	40.57 3.38 0.00	36.86 3.17 0.00	34.13 3.16 -0.01	31.48 2.86 -0.01
ASTORIA_GT2_4 24097	29.59 2.57 -0.01	26.85 1.99 -0.01	24.57 1.52 -0.01	23.74 1.47 -0.01	23.95 1.50 -0.01	24.23 1.50 -0.01	26.56 1.97 -0.01	27.77 2.32 0.00	30.31 2.55 0.00	32.48 2.76 0.01	34.70 3.17 -0.19	36.55 3.21 -0.21	38.64 3.33 -0.22	41.77 3.52 -0.39	43.56 3.67 -0.44	43.89 3.70 0.00	52.92 4.50 -2.94	54.96 4.86 0.00	52.11 4.35 0.00	45.05 3.72 0.00	40.57 3.38 0.00	36.86 3.17 0.00	34.13 3.16 -0.01	31.48 2.86 -0.01
ASTORIA_GT3_1 24098	29.59 2.57 -0.01	26.85 1.99 -0.01	24.57 1.52 -0.01	23.74 1.47 -0.01	23.95 1.50 -0.01	24.23 1.50 -0.01	26.56 1.97 -0.01	27.77 2.32 0.00	30.31 2.55 0.00	32.48 2.76 0.01	34.70 3.17 -0.19	36.55 3.21 -0.21	38.64 3.33 -0.22	41.77 3.52 -0.39	43.56 3.67 -0.44	43.89 3.70 0.00	52.92 4.50 -2.94	54.96 4.86 0.00	52.11 4.35 0.00	45.05 3.72 0.00	40.57 3.38 0.00	36.86 3.17 0.00	34.13 3.16 -0.01	31.48 2.86 -0.01
ASTORIA_GT3_2 24099	29.59 2.57 -0.01	26.85 1.99 -0.01	24.57 1.52 -0.01	23.74 1.47 -0.01	23.95 1.50 -0.01	24.23 1.50 -0.01	26.56 1.97 -0.01	27.77 2.32 0.00	30.31 2.55 0.00	32.48 2.76 0.01	34.70 3.17 -0.19	36.55 3.21 -0.21	38.64 3.33 -0.22	41.77 3.52 -0.39	43.56 3.67 -0.44	43.89 3.70 0.00	52.92 4.50 -2.94	54.96 4.86 0.00	52.11 4.35 0.00	45.05 3.72 0.00	40.57 3.38 0.00	36.86 3.17 0.00	34.13 3.16 -0.01	31.48 2.86 -0.01
ASTORIA_GT3_3 24100	29.59 2.57 -0.01	26.85 1.99 -0.01	24.57 1.52 -0.01	23.74 1.47 -0.01	23.95 1.50 -0.01	24.23 1.50 -0.01	26.56 1.97 -0.01	27.77 2.32 0.00	30.31 2.55 0.00	32.48 2.76 0.01	34.70 3.17 -0.19	36.55 3.21 -0.21	38.64 3.33 -0.22	41.77 3.52 -0.39	43.56 3.67 -0.44	43.89 3.70 0.00	52.92 4.50 -2.94	54.96 4.86 0.00	52.11 4.35 0.00	45.05 3.72 0.00	40.57 3.38 0.00	36.86 3.17 0.00	34.13 3.16 -0.01	31.48 2.86 -0.01
ASTORIA_GT3_4 24101	29.59 2.57 -0.01	26.85 1.99 -0.01	24.57 1.52 -0.01	23.74 1.47 -0.01	23.95 1.50 -0.01	24.23 1.50 -0.01	26.56 1.97 -0.01	27.77 2.32 0.00	30.31 2.55 0.00	32.48 2.76 0.01	34.70 3.17 -0.19	36.55 3.21 -0.21	38.64 3.33 -0.22	41.77 3.52 -0.39	43.56 3.67 -0.44	43.89 3.70 0.00	52.92 4.50 -2.94	54.96 4.86 0.00	52.11 4.35 0.00	45.05 3.72 0.00	40.57 3.38 0.00	36.86 3.17 0.00	34.13 3.16 -0.01	31.48 2.86 -0.01
ASTORIA_GT4_1 24102	29.59 2.57 -0.01	26.85 1.99 -0.01	24.57 1.52 -0.01	23.74 1.47 -0.01	23.95 1.50 -0.01	24.23 1.50 -0.01	26.56 1.97 -0.01	27.77 2.32 0.00	30.31 2.55 0.00	32.48 2.76 0.01	34.70 3.17 -0.19	36.55 3.21 -0.21	38.64 3.33 -0.22	41.77 3.52 -0.39	43.56 3.67 -0.44	43.89 3.70 0.00	52.92 4.50 -2.94	54.96 4.86 0.00	52.11 4.35 0.00	45.05 3.72 0.00	40.57 3.38 0.00	36.86 3.17 0.00	34.13 3.16 -0.01	31.48 2.86 -0.01
ASTORIA_GT4_2 24103	29.59 2.57 -0.01	26.85 1.99 -0.01	24.57 1.52 -0.01	23.74 1.47 -0.01	23.95 1.50 -0.01	24.23 1.50 -0.01	26.56 1.97 -0.01	27.77 2.32 0.00	30.31 2.55 0.00	32.48 2.76 0.01	34.70 3.17 -0.19	36.55 3.21 -0.21	38.64 3.33 -0.22	41.77 3.52 -0.39	43.56 3.67 -0.44	43.89 3.70 0.00	52.92 4.50 -2.94	54.96 4.86 0.00	52.11 4.35 0.00	45.05 3.72 0.00	40.57 3.38 0.00	36.86 3.17 0.00	34.13 3.16 -0.01	31.48 2.86 -0.01
ASTORIA_GT4_3 24104	29.59 2.57 -0.01	26.85 1.99 -0.01	24.57 1.52 -0.01	23.74 1.47 -0.01	23.95 1.50 -0.01	24.23 1.50 -0.01	26.56 1.97 -0.01	27.77 2.32 0.00	30.31 2.55 0.00	32.48 2.76 0.01	34.70 3.17 -0.19	36.55 3.21 -0.21	38.64 3.33 -0.22	41.77 3.52 -0.39	43.56 3.67 -0.44	43.89 3.70 0.00	52.92 4.50 -2.94	54.96 4.86 0.00	52.11 4.35 0.00	45.05 3.72 0.00	40.57 3.38 0.00	36.86 3.17 0.00	34.13 3.16 -0.01	31.48 2.86 -0.01

ASTORIA_GT4_4 24105	29.59 2.57 -0.01	26.85 1.99 -0.01	24.57 1.52 -0.01	23.74 1.47 -0.01	23.95 1.50 -0.01	24.23 1.50 -0.01	26.56 1.97 -0.01	27.77 2.32 0.00	30.31 2.55 0.00	32.48 2.76 0.01	34.70 3.17 -0.19	36.55 3.21 -0.21	38.64 3.33 -0.22	41.77 3.52 -0.39	43.56 3.67 -0.44	43.89 3.70 0.00	52.92 4.50 -2.94	54.96 4.86 0.00	52.11 4.35 0.00	45.05 3.72 0.00	40.57 3.38 0.00	36.86 3.17 0.00	34.13 3.16 -0.01	31.48 2.86 -0.01
ASTORIA_GT_1 23523	29.64 2.62 -0.01	26.92 2.06 -0.01	24.62 1.57 -0.01	23.76 1.49 -0.01	23.93 1.48 -0.01	24.28 1.55 -0.01	26.61 2.02 -0.01	27.82 2.37 0.00	30.33 2.58 0.01	32.57 2.85 0.01	34.73 3.20 -0.19	36.64 3.31 -0.21	38.71 3.40 -0.22	41.88 3.63 -0.39	43.59 3.71 -0.43	44.00 3.82 0.01	53.05 4.64 -2.94	55.15 5.06 0.01	52.29 4.54 0.01	45.17 3.84 0.01	40.63 3.46 0.01	36.89 3.20 0.01	34.19 3.22 -0.01	31.54 2.92 -0.01
ASTORIA_GT_10 24110	29.50 2.49 0.00	26.75 1.89 -0.01	24.50 1.45 -0.01	23.67 1.40 -0.01	23.86 1.41 -0.01	24.19 1.45 -0.01	26.53 1.94 -0.01	27.79 2.34 0.00	30.34 2.58 0.00	33.81 2.82 -1.27	35.33 3.20 -0.78	37.21 3.28 -0.80	38.71 3.40 -0.22	41.81 3.56 -0.39	43.60 3.71 -0.44	43.93 3.74 0.00	52.92 4.50 -2.94	55.01 4.91 0.00	52.11 4.35 0.00	45.13 3.80 0.00	40.64 3.46 0.00	36.96 3.27 0.00	34.10 3.13 -0.01	31.36 2.75 0.00
ASTORIA_GT_11 24225	29.50 2.49 0.00	26.75 1.89 -0.01	24.50 1.45 -0.01	23.67 1.40 -0.01	23.86 1.41 -0.01	24.19 1.45 -0.01	26.53 1.94 -0.01	27.79 2.34 0.00	30.34 2.58 0.00	33.81 2.82 -1.27	35.33 3.20 -0.78	37.21 3.28 -0.80	38.71 3.40 -0.22	41.81 3.56 -0.39	43.60 3.71 -0.44	43.93 3.74 0.00	52.92 4.50 -2.94	55.01 4.91 0.00	52.11 4.35 0.00	45.13 3.80 0.00	40.64 3.46 0.00	36.96 3.27 0.00	34.10 3.13 -0.01	31.36 2.75 0.00
ASTORIA_GT_12 24226	29.50 2.49 0.00	26.75 1.89 -0.01	24.50 1.45 -0.01	23.67 1.40 -0.01	23.86 1.41 -0.01	24.19 1.45 -0.01	26.53 1.94 -0.01	27.79 2.34 0.00	30.34 2.58 0.00	33.81 2.82 -1.27	35.33 3.20 -0.78	37.21 3.28 -0.80	38.71 3.40 -0.22	41.81 3.56 -0.39	43.60 3.71 -0.44	43.93 3.74 0.00	52.92 4.50 -2.94	55.01 4.91 0.00	52.11 4.35 0.00	45.13 3.80 0.00	40.64 3.46 0.00	36.96 3.27 0.00	34.10 3.13 -0.01	31.36 2.75 0.00
ASTORIA_GT_13 24227	29.50 2.49 0.00	26.75 1.89 -0.01	24.50 1.45 -0.01	23.67 1.40 -0.01	23.86 1.41 -0.01	24.19 1.45 -0.01	26.53 1.94 -0.01	27.79 2.34 0.00	30.34 2.58 0.00	33.81 2.82 -1.27	35.33 3.20 -0.78	37.21 3.28 -0.80	38.71 3.40 -0.22	41.81 3.56 -0.39	43.60 3.71 -0.44	43.93 3.74 0.00	52.92 4.50 -2.94	55.01 4.91 0.00	52.11 4.35 0.00	45.13 3.80 0.00	40.64 3.46 0.00	36.96 3.27 0.00	34.10 3.13 -0.01	31.36 2.75 0.00
ASTORIA_GT_5 24106	29.64 2.62 -0.01	26.90 2.04 -0.01	24.62 1.57 -0.01	23.78 1.51 -0.01	23.99 1.55 -0.01	24.28 1.55 -0.01	26.61 2.02 -0.01	27.82 2.37 0.00	30.36 2.61 0.00	32.57 2.85 0.01	34.79 3.26 -0.19	36.64 3.31 -0.21	38.75 3.44 -0.22	41.89 3.63 -0.39	43.67 3.79 -0.44	44.01 3.82 0.00	53.05 4.64 -2.94	55.11 5.01 0.00	52.25 4.49 0.00	45.18 3.84 0.00	40.64 3.46 0.00	36.93 3.23 0.00	34.19 3.22 -0.01	31.54 2.92 -0.01
ASTORIA_GT_7 24107	29.64 2.62 -0.01	26.90 2.04 -0.01	24.62 1.57 -0.01	23.78 1.51 -0.01	23.99 1.55 -0.01	24.28 1.55 -0.01	26.61 2.02 -0.01	27.82 2.37 0.00	30.36 2.61 0.00	32.57 2.85 0.01	34.79 3.26 -0.19	36.64 3.31 -0.21	38.75 3.44 -0.22	41.89 3.63 -0.39	43.67 3.79 -0.44	44.01 3.82 0.00	53.05 4.64 -2.94	55.11 5.01 0.00	52.25 4.49 0.00	45.18 3.84 0.00	40.64 3.46 0.00	36.93 3.23 0.00	34.19 3.22 -0.01	31.54 2.92 -0.01
ASTORIA_GT_8 24108	29.64 2.62 -0.01	26.90 2.04 -0.01	24.62 1.57 -0.01	23.78 1.51 -0.01	23.99 1.55 -0.01	24.28 1.55 -0.01	26.61 2.02 -0.01	27.82 2.37 0.00	30.36 2.61 0.00	32.57 2.85 0.01	34.79 3.26 -0.19	36.64 3.31 -0.21	38.75 3.44 -0.22	41.89 3.63 -0.39	43.67 3.79 -0.44	44.01 3.82 0.00	53.05 4.64 -2.94	55.11 5.01 0.00	52.25 4.49 0.00	45.18 3.84 0.00	40.64 3.46 0.00	36.93 3.23 0.00	34.19 3.22 -0.01	31.54 2.92 -0.01
ASTORIA___2 24149	29.59 2.57 -0.01	26.87 2.01 -0.01	24.57 1.52 -0.01	23.74 1.47 -0.01	23.88 1.44 -0.01	24.23 1.50 -0.01	26.56 1.97 -0.01	27.77 2.32 0.00	30.27 2.53 0.01	32.48 2.76 0.01	34.67 3.13 -0.19	36.58 3.25 -0.21	38.60 3.30 -0.22	41.76 3.52 -0.39	43.47 3.59 -0.43	43.88 3.70 0.01	52.91 4.50 -2.94	55.06 4.96 0.01	52.15 4.39 0.01	45.04 3.72 0.01	40.52 3.35 0.01	36.82 3.13 0.01	34.13 3.16 -0.01	31.48 2.86 -0.01
ASTORIA___3 23516	29.50 2.48 0.00	26.80 1.94 -0.01	24.50 1.45 -0.01	23.65 1.38 -0.01	23.81 1.37 -0.01	24.17 1.43 -0.01	26.53 1.94 -0.01	27.79 2.34 0.00	30.34 2.58 0.00	33.81 2.83 -1.27	35.29 3.16 -0.78	37.21 3.28 -0.80	38.68 3.37 -0.22	41.81 3.56 -0.39	43.56 3.67 -0.44	43.93 3.74 0.00	52.92 4.50 -2.94	55.11 5.01 0.00	52.15 4.39 0.00	45.13 3.80 0.00	40.60 3.42 0.00	36.93 3.24 0.00	34.13 3.16 -0.01	31.36 2.75 0.00
ASTORIA___4 23517	29.50 2.49 0.00	26.75 1.89 -0.01	24.50 1.45 -0.01	23.67 1.40 -0.01	23.86 1.41 -0.01	24.19 1.45 -0.01	26.53 1.94 -0.01	27.79 2.34 0.00	30.34 2.58 0.00	33.81 2.82 -1.27	35.33 3.20 -0.78	37.21 3.28 -0.80	38.71 3.40 -0.22	41.81 3.56 -0.39	43.60 3.71 -0.44	43.93 3.74 0.00	52.92 4.50 -2.94	55.01 4.91 0.00	52.11 4.35 0.00	45.13 3.80 0.00	40.64 3.46 0.00	36.96 3.27 0.00	34.10 3.13 -0.01	31.36 2.75 0.00
ASTORIA___5 23518	29.50 2.48 0.00	26.80 1.94 -0.01	24.50 1.45 -0.01	23.65 1.38 -0.01	23.81 1.37 -0.01	24.17 1.43 -0.01	26.53 1.94 -0.01	27.79 2.34 0.00	30.34 2.58 0.00	33.81 2.83 -1.27	35.29 3.16 -0.78	37.21 3.28 -0.80	38.68 3.37 -0.22	41.81 3.56 -0.39	43.56 3.67 -0.44	43.93 3.74 0.00	52.92 4.50 -2.94	55.11 5.01 0.00	52.15 4.39 0.00	45.13 3.80 0.00	40.60 3.42 0.00	36.93 3.24 0.00	34.13 3.16 -0.01	31.36 2.75 0.00
AST_ENERGY_2_CC3 323677	29.34 2.32 0.00	26.61 1.76 0.00	24.35 1.31 0.00	23.51 1.25 0.00	23.65 1.21 0.00	24.02 1.29 0.00	26.36 1.77 0.00	27.67 2.21 0.00	30.22 2.47 0.00	32.40 2.68 0.00	34.58 3.04 -0.20	36.45 3.11 -0.21	38.54 3.23 -0.22	41.66 3.41 -0.39	43.40 3.51 -0.44	43.77 3.58 0.00	52.66 4.32 -2.87	54.96 4.86 0.00	52.01 4.25 0.00	44.97 3.64 0.00	40.49 3.31 0.00	36.79 3.10 0.00	33.93 2.97 0.00	31.21 2.60 0.00
AST_ENERGY_2_CC4 323678	29.34 2.32 0.00	26.61 1.76 0.00	24.35 1.31 0.00	23.51 1.25 0.00	23.65 1.21 0.00	24.02 1.29 0.00	26.36 1.77 0.00	27.67 2.21 0.00	30.22 2.47 0.00	32.40 2.68 0.00	34.58 3.04 -0.20	36.45 3.11 -0.21	38.54 3.23 -0.22	41.66 3.41 -0.39	43.40 3.51 -0.44	43.77 3.58 0.00	52.66 4.32 -2.87	54.96 4.86 0.00	52.01 4.25 0.00	44.97 3.64 0.00	40.49 3.31 0.00	36.79 3.10 0.00	33.93 2.97 0.00	31.21 2.60 0.00

ATHENS_STG_1 23668	28.09 1.08 0.00	25.70 0.85 0.00	23.64 0.60 0.00	22.91 0.65 0.00	23.09 0.65 0.00	23.36 0.64 0.00	25.42 0.84 0.00	26.50 1.04 0.00	28.87 1.11 0.00	30.91 1.19 0.00	32.74 1.32 -0.08	34.57 1.36 -0.08	36.58 1.40 -0.09	39.48 1.47 -0.15	41.15 1.54 -0.17	41.80 1.61 0.00	47.52 1.86 -0.18	52.26 2.15 0.00	49.72 1.96 0.00	43.11 1.78 0.00	38.74 1.56 0.00	35.18 1.48 0.00	32.42 1.46 0.00	29.81 1.20 0.00
ATHENS_STG_2 23670	28.09 1.08 0.00	25.70 0.85 0.00	23.64 0.60 0.00	22.91 0.65 0.00	23.09 0.65 0.00	23.36 0.64 0.00	25.42 0.84 0.00	26.50 1.04 0.00	28.87 1.11 0.00	30.91 1.19 0.00	32.74 1.32 -0.08	34.57 1.36 -0.08	36.58 1.40 -0.09	39.48 1.47 -0.15	41.15 1.54 -0.17	41.80 1.61 0.00	47.52 1.86 -0.18	52.26 2.15 0.00	49.72 1.96 0.00	43.11 1.78 0.00	38.74 1.56 0.00	35.18 1.48 0.00	32.42 1.46 0.00	29.81 1.20 0.00
ATHENS_STG_3 23677	28.09 1.08 0.00	25.70 0.85 0.00	23.64 0.60 0.00	22.91 0.65 0.00	23.09 0.65 0.00	23.36 0.64 0.00	25.42 0.84 0.00	26.50 1.04 0.00	28.87 1.11 0.00	30.91 1.19 0.00	32.74 1.32 -0.08	34.57 1.36 -0.08	36.58 1.40 -0.09	39.48 1.47 -0.15	41.15 1.54 -0.17	41.80 1.61 0.00	47.52 1.86 -0.18	52.26 2.15 0.00	49.72 1.96 0.00	43.11 1.78 0.00	38.74 1.56 0.00	35.18 1.48 0.00	32.42 1.46 0.00	29.81 1.20 0.00
AUBURN___LFGE 323710	27.45 0.43 0.00	25.25 0.40 0.00	23.23 0.18 0.00	22.33 0.07 0.00	22.48 0.04 0.00	22.79 0.07 0.00	24.93 0.34 0.00	25.78 0.33 0.00	28.76 0.42 -0.59	31.01 0.48 -0.82	32.69 0.50 -0.84	34.78 0.66 -0.99	36.73 0.77 -0.87	40.04 0.95 -1.24	41.48 0.99 -1.04	42.17 0.96 -1.01	48.20 1.00 -1.73	52.68 0.85 -1.72	49.97 0.91 -1.30	42.98 0.70 -0.95	38.52 0.71 -0.63	34.85 0.61 -0.55	31.56 0.50 -0.10	29.14 0.46 -0.07
BABYLON_RES_REC 323704	32.17 2.78 -2.37	31.51 2.26 -4.40	30.87 1.77 -6.06	26.62 1.71 -2.65	26.56 1.70 -2.42	29.40 1.77 -4.90	29.26 2.26 -2.41	30.96 2.67 -2.83	31.80 2.94 -1.10	32.84 3.12 0.00	37.93 3.23 -3.35	44.86 3.25 -8.48	43.61 3.40 -5.12	45.84 3.52 -4.46	50.08 3.47 -7.16	46.16 3.46 -2.51	55.40 4.14 -5.79	59.82 4.71 -5.00	53.03 4.15 -1.11	45.18 3.76 -0.09	40.82 3.61 -0.03	39.10 3.44 -1.97	35.24 3.47 -0.81	34.57 3.06 -2.90
BABYLON___69_KV_BK2 356345	32.54 3.16 -2.37	31.83 2.58 -4.40	31.19 2.10 -6.06	26.91 2.00 -2.65	26.88 2.02 -2.42	29.70 2.07 -4.90	29.58 2.58 -2.41	31.29 3.00 -2.83	32.19 3.33 -1.10	33.23 3.51 0.00	38.73 3.95 -3.43	55.22 4.11 -17.98	47.82 4.32 -8.42	55.39 4.54 -12.99	62.96 4.42 -19.10	52.48 4.50 -7.79	67.70 5.27 -16.95	71.68 6.06 -15.51	56.56 5.35 -3.44	46.52 4.92 -0.27	41.71 4.42 -0.10	40.22 4.21 -2.32	35.70 3.93 -0.81	34.97 3.46 -2.90
BALL_HILL_WT_PWR 323825	27.47 0.46 0.00	25.07 0.22 0.00	22.88 -0.16 0.00	21.81 -0.45 0.00	21.97 -0.47 0.00	22.09 -0.64 0.00	24.63 0.05 0.00	24.94 -0.51 0.00	27.62 -0.14 0.00	29.48 -0.24 0.00	31.22 -0.12 0.00	33.19 0.07 0.00	35.51 0.42 0.00	38.27 0.42 0.00	39.92 0.48 0.00	40.27 0.08 0.00	45.11 -0.37 0.00	48.80 -1.30 0.00	46.71 -1.05 0.00	40.13 -1.20 0.00	36.44 -0.74 0.00	32.92 -0.77 0.00	30.28 -0.68 0.00	28.44 -0.17 0.00
BARON_WINDS___WT_PWR 323822	27.58 0.57 0.00	25.25 0.40 0.00	23.09 0.05 0.00	22.08 -0.18 0.00	22.26 -0.18 0.00	22.46 -0.27 0.00	24.86 0.27 0.00	25.40 -0.05 0.00	28.10 0.20 -0.15	30.07 0.15 -0.20	31.77 0.22 -0.21	33.77 0.40 -0.25	35.86 0.56 -0.21	38.77 0.60 -0.31	40.33 0.63 -0.26	40.88 0.44 -0.25	46.13 0.23 -0.43	50.23 -0.30 -0.42	47.89 -0.19 -0.32	41.19 -0.37 -0.23	37.23 -0.11 -0.15	33.73 -0.10 -0.14	30.86 -0.12 -0.03	28.68 0.06 -0.02
BARRETT_IC_1 23704	31.90 2.51 -2.37	31.26 2.01 -4.40	30.64 1.54 -6.06	26.38 1.47 -2.65	26.31 1.46 -2.42	29.18 1.55 -4.90	29.01 2.02 -2.41	30.68 2.39 -2.83	31.52 2.66 -1.10	32.61 2.88 0.00	37.85 3.13 -3.37	39.19 3.15 -2.91	41.96 3.23 -3.65	41.66 3.41 -0.39	44.27 3.35 -1.47	43.49 3.30 0.00	49.89 3.95 -0.47	54.62 4.51 0.00	51.68 3.92 0.00	44.80 3.47 0.00	40.53 3.35 0.00	38.69 3.24 -1.76	34.93 3.16 -0.81	34.31 2.81 -2.90
BARRETT_IC_10 23701	31.90 2.51 -2.37	31.26 2.01 -4.40	30.64 1.54 -6.06	26.38 1.47 -2.65	26.31 1.46 -2.42	29.18 1.55 -4.90	29.01 2.02 -2.41	30.68 2.39 -2.83	31.52 2.66 -1.10	32.61 2.88 0.00	37.85 3.13 -3.37	39.19 3.15 -2.91	41.96 3.23 -3.65	41.66 3.41 -0.39	44.27 3.35 -1.47	43.49 3.30 0.00	49.89 3.95 -0.47	54.62 4.51 0.00	51.68 3.92 0.00	44.80 3.47 0.00	40.53 3.35 0.00	38.69 3.24 -1.76	34.93 3.16 -0.81	34.31 2.81 -2.90
BARRETT_IC_11 23702	31.90 2.51 -2.37	31.26 2.01 -4.40	30.64 1.54 -6.06	26.38 1.47 -2.65	26.31 1.46 -2.42	29.18 1.55 -4.90	29.01 2.02 -2.41	30.68 2.39 -2.83	31.52 2.66 -1.10	32.61 2.88 0.00	37.85 3.13 -3.37	39.19 3.15 -2.91	41.96 3.23 -3.65	41.66 3.41 -0.39	44.27 3.35 -1.47	43.49 3.30 0.00	49.89 3.95 -0.47	54.62 4.51 0.00	51.68 3.92 0.00	44.80 3.47 0.00	40.53 3.35 0.00	38.69 3.24 -1.76	34.93 3.16 -0.81	34.31 2.81 -2.90
BARRETT_IC_12 23703	31.90 2.51 -2.37	31.26 2.01 -4.40	30.64 1.54 -6.06	26.38 1.47 -2.65	26.31 1.46 -2.42	29.18 1.55 -4.90	29.01 2.02 -2.41	30.68 2.39 -2.83	31.52 2.66 -1.10	32.61 2.88 0.00	37.85 3.13 -3.37	39.19 3.15 -2.91	41.96 3.23 -3.65	41.66 3.41 -0.39	44.27 3.35 -1.47	43.49 3.30 0.00	49.89 3.95 -0.47	54.62 4.51 0.00	51.68 3.92 0.00	44.80 3.47 0.00	40.53 3.35 0.00	38.69 3.24 -1.76	34.93 3.16 -0.81	34.31 2.81 -2.90
BARRETT_IC_2 23705	31.90 2.51 -2.37	31.26 2.01 -4.40	30.64 1.54 -6.06	26.38 1.47 -2.65	26.31 1.46 -2.42	29.18 1.55 -4.90	29.01 2.02 -2.41	30.68 2.39 -2.83	31.52 2.66 -1.10	32.61 2.88 0.00	37.85 3.13 -3.37	39.19 3.15 -2.91	41.96 3.23 -3.65	41.66 3.41 -0.39	44.27 3.35 -1.47	43.49 3.30 0.00	49.89 3.95 -0.47	54.62 4.51 0.00	51.68 3.92 0.00	44.80 3.47 0.00	40.53 3.35 0.00	38.69 3.24 -1.76	34.93 3.16 -0.81	34.31 2.81 -2.90
BARRETT_IC_3 23706	31.90 2.51 -2.37	31.26 2.01 -4.40	30.64 1.54 -6.06	26.38 1.47 -2.65	26.31 1.46 -2.42	29.18 1.55 -4.90	29.01 2.02 -2.41	30.68 2.39 -2.83	31.52 2.66 -1.10	32.61 2.88 0.00	37.85 3.13 -3.37	39.19 3.15 -2.91	41.96 3.23 -3.65	41.66 3.41 -0.39	44.27 3.35 -1.47	43.49 3.30 0.00	49.89 3.95 -0.47	54.62 4.51 0.00	51.68 3.92 0.00	44.80 3.47 0.00	40.53 3.35 0.00	38.69 3.24 -1.76	34.93 3.16 -0.81	34.31 2.81 -2.90
BARRETT_IC_4 23707	31.90 2.51 -2.37	31.26 2.01 -4.40	30.64 1.54 -6.06	26.38 1.47 -2.65	26.31 1.46 -2.42	29.18 1.55 -4.90	29.01 2.02 -2.41	30.68 2.39 -2.83	31.52 2.66 -1.10	32.61 2.88 0.00	37.85 3.13 -3.37	39.19 3.15 -2.91	41.96 3.23 -3.65	41.66 3.41 -0.39	44.27 3.35 -1.47	43.49 3.30 0.00	49.89 3.95 -0.47	54.62 4.51 0.00	51.68 3.92 0.00	44.80 3.47 0.00	40.53 3.35 0.00	38.69 3.24 -1.76	34.93 3.16 -0.81	34.31 2.81 -2.90

BARRETT_IC_5 23708	31.90 2.51 -2.37	31.26 2.01 -4.40	30.64 1.54 -6.06	26.38 1.47 -2.65	26.31 1.46 -2.42	29.18 1.55 -4.90	29.01 2.02 -2.41	30.68 2.39 -2.83	31.52 2.66 -1.10	32.61 2.88 0.00	37.85 3.13 -3.37	39.19 3.15 -2.91	41.96 3.23 -3.65	41.66 3.41 -0.39	44.27 3.35 -1.47	43.49 3.30 0.00	49.89 3.95 -0.47	54.62 4.51 0.00	51.68 3.92 0.00	44.80 3.47 0.00	40.53 3.35 0.00	38.69 3.24 -1.76	34.93 3.16 -0.81	34.31 2.81 -2.90
BARRETT_IC_6 23709	31.90 2.51 -2.37	31.26 2.01 -4.40	30.64 1.54 -6.06	26.38 1.47 -2.65	26.31 1.46 -2.42	29.18 1.55 -4.90	29.01 2.02 -2.41	30.68 2.39 -2.83	31.52 2.66 -1.10	32.61 2.88 0.00	37.85 3.13 -3.37	39.19 3.15 -2.91	41.96 3.23 -3.65	41.66 3.41 -0.39	44.27 3.35 -1.47	43.49 3.30 0.00	49.89 3.95 -0.47	54.62 4.51 0.00	51.68 3.92 0.00	44.80 3.47 0.00	40.53 3.35 0.00	38.69 3.24 -1.76	34.93 3.16 -0.81	34.31 2.81 -2.90
BARRETT_IC_7 23710	31.90 2.51 -2.37	31.24 1.99 -4.40	30.64 1.54 -6.06	26.40 1.49 -2.65	26.36 1.50 -2.42	29.18 1.55 -4.90	29.01 2.02 -2.41	30.68 2.39 -2.83	31.55 2.69 -1.10	32.58 2.85 0.00	37.88 3.17 -3.37	39.22 3.18 -2.91	42.03 3.30 -3.65	41.70 3.44 -0.39	44.15 3.23 -1.47	43.49 3.30 0.00	49.89 3.96 -0.47	54.66 4.56 0.00	51.68 3.92 0.00	44.80 3.47 0.00	40.46 3.27 0.00	38.69 3.23 -1.76	34.90 3.13 -0.81	34.31 2.80 -2.90
BARRETT_IC_8 23711	31.90 2.51 -2.37	31.26 2.01 -4.40	30.64 1.54 -6.06	26.38 1.47 -2.65	26.31 1.46 -2.42	29.18 1.55 -4.90	29.01 2.02 -2.41	30.68 2.39 -2.83	31.52 2.66 -1.10	32.61 2.88 0.00	37.85 3.13 -3.37	39.19 3.15 -2.91	41.96 3.23 -3.65	41.66 3.41 -0.39	44.27 3.35 -1.47	43.49 3.30 0.00	49.89 3.95 -0.47	54.62 4.51 0.00	51.68 3.92 0.00	44.80 3.47 0.00	40.53 3.35 0.00	38.69 3.24 -1.76	34.93 3.16 -0.81	34.31 2.81 -2.90
BARRETT_IC_9 23700	31.90 2.51 -2.37	31.26 2.01 -4.40	30.64 1.54 -6.06	26.38 1.47 -2.65	26.31 1.46 -2.42	29.18 1.55 -4.90	29.01 2.02 -2.41	30.68 2.39 -2.83	31.52 2.66 -1.10	32.61 2.88 0.00	37.85 3.13 -3.37	39.19 3.15 -2.91	41.96 3.23 -3.65	41.66 3.41 -0.39	44.27 3.35 -1.47	43.49 3.30 0.00	49.89 3.95 -0.47	54.62 4.51 0.00	51.68 3.92 0.00	44.80 3.47 0.00	40.53 3.35 0.00	38.69 3.24 -1.76	34.93 3.16 -0.81	34.31 2.81 -2.90
BARRETT___1 23545	31.90 2.51 -2.37	31.26 2.01 -4.40	30.64 1.54 -6.06	26.38 1.47 -2.65	26.31 1.46 -2.42	29.18 1.55 -4.90	29.01 2.02 -2.41	30.68 2.39 -2.83	31.52 2.66 -1.10	32.61 2.88 0.00	37.85 3.13 -3.37	39.19 3.15 -2.91	41.96 3.23 -3.65	41.66 3.41 -0.39	44.27 3.35 -1.47	43.49 3.30 0.00	49.89 3.95 -0.47	54.62 4.51 0.00	51.68 3.92 0.00	44.80 3.47 0.00	40.53 3.35 0.00	38.69 3.24 -1.76	34.93 3.16 -0.81	34.31 2.81 -2.90
BARRETT___2 23546	31.90 2.51 -2.37	31.26 2.01 -4.40	30.64 1.54 -6.06	26.38 1.47 -2.65	26.31 1.46 -2.42	29.18 1.55 -4.90	29.01 2.02 -2.41	30.68 2.39 -2.83	31.52 2.66 -1.10	32.61 2.88 0.00	37.85 3.13 -3.37	39.19 3.15 -2.91	41.96 3.23 -3.65	41.66 3.41 -0.39	44.27 3.35 -1.47	43.49 3.30 0.00	49.89 3.95 -0.47	54.62 4.51 0.00	51.68 3.92 0.00	44.80 3.47 0.00	40.53 3.35 0.00	38.69 3.24 -1.76	34.93 3.16 -0.81	34.31 2.81 -2.90
BATAVIA__115KV_TB1 55881	27.63 0.62 0.00	25.30 0.45 0.00	23.09 0.05 0.00	21.97 -0.29 0.00	21.99 -0.45 0.00	22.27 -0.45 0.00	24.88 0.30 0.00	25.20 -0.25 0.00	27.73 -0.03 0.00	29.60 -0.12 0.00	31.22 -0.13 0.00	33.33 0.20 0.00	35.54 0.46 0.00	38.61 0.76 0.00	40.20 0.75 -0.01	40.52 0.32 -0.01	45.47 0.00 -0.01	49.45 -0.65 0.00	47.48 -0.29 -0.01	40.88 -0.45 0.00	37.03 -0.15 0.00	33.36 -0.34 0.00	30.75 -0.22 0.00	28.89 0.29 0.00
BAYONEEC___CTG1 323682	29.36 2.35 0.00	26.66 1.81 0.00	24.38 1.34 0.00	23.53 1.27 0.00	23.67 1.23 0.00	24.04 1.32 0.00	26.40 1.82 0.00	27.72 2.26 0.00	30.28 2.53 0.00	32.46 2.73 0.00	34.65 3.10 -0.20	36.52 3.18 -0.21	38.61 3.30 -0.22	41.70 3.44 -0.39	43.44 3.55 -0.44	43.81 3.62 0.00	52.75 4.41 -2.87	55.02 4.91 0.00	52.11 4.35 0.00	45.01 3.68 0.00	40.53 3.35 0.00	36.86 3.17 0.00	34.00 3.04 0.00	31.27 2.66 0.00
BAYONEEC___CTG10 323750	29.36 2.35 0.00	26.66 1.81 0.00	24.38 1.34 0.00	23.53 1.27 0.00	23.67 1.23 0.00	24.04 1.32 0.00	26.40 1.82 0.00	27.72 2.26 0.00	30.28 2.53 0.00	32.46 2.73 0.00	34.65 3.10 -0.20	36.52 3.18 -0.21	38.61 3.30 -0.22	41.70 3.44 -0.39	43.44 3.55 -0.44	43.81 3.62 0.00	52.75 4.41 -2.87	55.02 4.91 0.00	52.11 4.35 0.00	45.01 3.68 0.00	40.53 3.35 0.00	36.86 3.17 0.00	34.00 3.04 0.00	31.27 2.66 0.00
BAYONEEC___CTG2 323683	29.36 2.35 0.00	26.66 1.81 0.00	24.38 1.34 0.00	23.53 1.27 0.00	23.67 1.23 0.00	24.04 1.32 0.00	26.40 1.82 0.00	27.72 2.26 0.00	30.28 2.53 0.00	32.46 2.73 0.00	34.65 3.10 -0.20	36.52 3.18 -0.21	38.61 3.30 -0.22	41.70 3.44 -0.39	43.44 3.55 -0.44	43.81 3.62 0.00	52.75 4.41 -2.87	55.02 4.91 0.00	52.11 4.35 0.00	45.01 3.68 0.00	40.53 3.35 0.00	36.86 3.17 0.00	34.00 3.04 0.00	31.27 2.66 0.00
BAYONEEC___CTG3 323684	29.36 2.35 0.00	26.66 1.81 0.00	24.38 1.34 0.00	23.53 1.27 0.00	23.67 1.23 0.00	24.04 1.32 0.00	26.40 1.82 0.00	27.72 2.26 0.00	30.28 2.53 0.00	32.46 2.73 0.00	34.65 3.10 -0.20	36.52 3.18 -0.21	38.61 3.30 -0.22	41.70 3.44 -0.39	43.44 3.55 -0.44	43.81 3.62 0.00	52.75 4.41 -2.87	55.02 4.91 0.00	52.11 4.35 0.00	45.01 3.68 0.00	40.53 3.35 0.00	36.86 3.17 0.00	34.00 3.04 0.00	31.27 2.66 0.00
BAYONEEC___CTG4 323685	29.36 2.35 0.00	26.66 1.81 0.00	24.38 1.34 0.00	23.53 1.27 0.00	23.67 1.23 0.00	24.04 1.32 0.00	26.40 1.82 0.00	27.72 2.26 0.00	30.28 2.53 0.00	32.46 2.73 0.00	34.65 3.10 -0.20	36.52 3.18 -0.21	38.61 3.30 -0.22	41.70 3.44 -0.39	43.44 3.55 -0.44	43.81 3.62 0.00	52.75 4.41 -2.87	55.02 4.91 0.00	52.11 4.35 0.00	45.01 3.68 0.00	40.53 3.35 0.00	36.86 3.17 0.00	34.00 3.04 0.00	31.27 2.66 0.00
BAYONEEC___CTG5 323686	29.36 2.35 0.00	26.66 1.81 0.00	24.38 1.34 0.00	23.53 1.27 0.00	23.67 1.23 0.00	24.04 1.32 0.00	26.40 1.82 0.00	27.72 2.26 0.00	30.28 2.53 0.00	32.46 2.73 0.00	34.65 3.10 -0.20	36.52 3.18 -0.21	38.61 3.30 -0.22	41.70 3.44 -0.39	43.44 3.55 -0.44	43.81 3.62 0.00	52.75 4.41 -2.87	55.02 4.91 0.00	52.11 4.35 0.00	45.01 3.68 0.00	40.53 3.35 0.00	36.86 3.17 0.00	34.00 3.04 0.00	31.27 2.66 0.00
BAYONEEC___CTG6 323687	29.36 2.35 0.00	26.66 1.81 0.00	24.38 1.34 0.00	23.53 1.27 0.00	23.67 1.23 0.00	24.04 1.32 0.00	26.40 1.82 0.00	27.72 2.26 0.00	30.28 2.53 0.00	32.46 2.73 0.00	34.65 3.10 -0.20	36.52 3.18 -0.21	38.61 3.30 -0.22	41.70 3.44 -0.39	43.44 3.55 -0.44	43.81 3.62 0.00	52.75 4.41 -2.87	55.02 4.91 0.00	52.11 4.35 0.00	45.01 3.68 0.00	40.53 3.35 0.00	36.86 3.17 0.00	34.00 3.04 0.00	31.27 2.66 0.00

BAYONEEC___CTG7 323688	29.36 2.35 0.00	26.66 1.81 0.00	24.38 1.34 0.00	23.53 1.27 0.00	23.67 1.23 0.00	24.04 1.32 0.00	26.40 1.82 0.00	27.72 2.26 0.00	30.28 2.53 0.00	32.46 2.73 0.00	34.65 3.10 -0.20	36.52 3.18 -0.21	38.61 3.30 -0.22	41.70 3.44 -0.39	43.44 3.55 -0.44	43.81 3.62 0.00	52.75 4.41 -2.87	55.02 4.91 0.00	52.11 4.35 0.00	45.01 3.68 0.00	40.53 3.35 0.00	36.86 3.17 0.00	34.00 3.04 0.00	31.27 2.66 0.00
BAYONEEC___CTG8 323689	29.36 2.35 0.00	26.66 1.81 0.00	24.38 1.34 0.00	23.53 1.27 0.00	23.67 1.23 0.00	24.04 1.32 0.00	26.40 1.82 0.00	27.72 2.26 0.00	30.28 2.53 0.00	32.46 2.73 0.00	34.65 3.10 -0.20	36.52 3.18 -0.21	38.61 3.30 -0.22	41.70 3.44 -0.39	43.44 3.55 -0.44	43.81 3.62 0.00	52.75 4.41 -2.87	55.02 4.91 0.00	52.11 4.35 0.00	45.01 3.68 0.00	40.53 3.35 0.00	36.86 3.17 0.00	34.00 3.04 0.00	31.27 2.66 0.00
BAYONEEC___CTG9 323749	29.36 2.35 0.00	26.66 1.81 0.00	24.38 1.34 0.00	23.53 1.27 0.00	23.67 1.23 0.00	24.04 1.32 0.00	26.40 1.82 0.00	27.72 2.26 0.00	30.28 2.53 0.00	32.46 2.73 0.00	34.65 3.10 -0.20	36.52 3.18 -0.21	38.61 3.30 -0.22	41.70 3.44 -0.39	43.44 3.55 -0.44	43.81 3.62 0.00	52.75 4.41 -2.87	55.02 4.91 0.00	52.11 4.35 0.00	45.01 3.68 0.00	40.53 3.35 0.00	36.86 3.17 0.00	34.00 3.04 0.00	31.27 2.66 0.00
BEACON___LESR 323632	27.96 0.94 0.00	25.64 0.79 0.00	23.69 0.64 0.00	22.91 0.65 0.00	23.11 0.67 0.00	23.39 0.66 0.00	25.42 0.84 0.00	26.42 0.97 0.00	28.70 0.94 0.00	30.70 0.98 0.00	32.27 1.10 0.17	34.13 1.19 0.18	35.98 1.09 0.19	38.69 1.17 0.34	40.33 1.26 0.38	41.56 1.37 0.00	46.61 1.55 0.41	52.01 1.90 0.00	49.67 1.91 0.00	43.03 1.70 0.00	38.63 1.45 0.00	35.08 1.38 0.00	32.39 1.43 0.00	29.72 1.11 0.00
BEAVER RIVER___HYD 24048	26.58 -0.43 0.00	24.50 -0.35 0.00	22.63 -0.41 0.00	21.85 -0.38 0.03	22.06 -0.38 0.00	22.43 -0.30 0.00	24.29 -0.29 0.00	25.07 -0.38 0.00	27.51 -0.58 -0.34	29.66 -0.53 -0.47	31.24 -0.60 -0.49	33.14 -0.56 -0.58	34.96 -0.63 -0.51	37.93 -0.64 -0.72	39.50 -0.55 -0.61	40.22 -0.56 -0.59	45.93 -0.54 -1.01	50.65 -0.45 -1.00	48.37 -0.14 -0.75	41.97 0.08 -0.55	37.58 0.04 -0.36	34.12 0.10 -0.32	30.81 -0.22 -0.06	28.37 -0.29 -0.04
BEEBEE_GT_13 23619	27.31 0.30 0.00	25.02 0.17 0.00	22.93 -0.12 0.00	21.93 -0.33 0.00	21.99 -0.45 0.00	22.27 -0.45 0.00	24.63 0.05 0.00	25.17 -0.28 0.00	27.64 -0.11 0.00	29.60 -0.12 0.00	31.22 -0.13 0.00	33.23 0.10 0.00	35.37 0.28 0.00	38.35 0.49 0.00	39.92 0.47 0.00	40.39 0.20 0.00	45.47 0.00 0.00	49.60 -0.50 0.01	47.48 -0.29 0.00	40.92 -0.41 0.00	36.96 -0.22 0.00	33.36 -0.34 0.00	30.71 -0.25 0.00	28.67 0.06 0.00
BENSHRST_27_KV_BENSHRST_1 355998	29.81 2.78 -0.02	27.04 2.19 -0.01	24.75 1.71 -0.01	23.89 1.62 -0.01	24.08 1.64 -0.01	24.42 1.68 -0.01	26.78 2.19 -0.01	28.07 2.62 0.00	30.64 2.89 0.00	41.84 3.15 -8.96	39.19 3.57 -4.27	41.18 3.74 -4.31	39.21 3.89 -0.22	42.38 4.13 -0.39	44.19 4.30 -0.44	44.53 4.34 0.00	66.85 5.23 -16.15	63.44 5.71 -7.62	63.45 5.11 -10.58	93.98 4.46 -48.19	63.44 4.02 -22.24	39.68 3.74 -2.24	39.07 3.50 -4.61	31.66 3.03 -0.02
BETHLEHEM___GRP 23843	27.50 0.49 0.00	25.25 0.40 0.00	23.34 0.30 0.00	22.62 0.36 0.00	22.82 0.38 0.00	23.07 0.34 0.00	25.03 0.44 0.00	26.04 0.59 0.00	28.23 0.47 0.00	30.17 0.45 0.00	31.75 0.56 0.16	33.52 0.56 0.17	35.36 0.46 0.18	37.99 0.45 0.32	39.60 0.51 0.36	40.75 0.56 0.00	45.72 0.64 0.38	51.01 0.90 0.00	48.67 0.91 0.00	42.20 0.87 0.00	37.89 0.71 0.00	34.40 0.71 0.00	31.77 0.81 0.00	29.21 0.60 0.00
BETHLEHEM___GS1 323560	27.50 0.49 0.00	25.22 0.37 0.00	23.34 0.30 0.00	22.59 0.33 0.00	22.80 0.36 0.00	23.07 0.34 0.00	25.03 0.44 0.00	26.04 0.59 0.00	28.23 0.47 0.00	30.17 0.45 0.00	31.72 0.53 0.16	33.52 0.56 0.17	35.33 0.42 0.18	37.99 0.46 0.32	39.60 0.51 0.36	40.75 0.56 0.00	45.72 0.64 0.38	51.01 0.90 0.00	48.67 0.91 0.00	42.20 0.87 0.00	37.89 0.70 0.00	34.40 0.71 0.00	31.77 0.80 0.00	29.18 0.57 0.00
BETHLEHEM___GS2 323561	27.50 0.49 0.00	25.22 0.37 0.00	23.34 0.30 0.00	22.59 0.33 0.00	22.80 0.36 0.00	23.07 0.34 0.00	25.03 0.44 0.00	26.04 0.59 0.00	28.23 0.47 0.00	30.17 0.45 0.00	31.72 0.53 0.16	33.52 0.56 0.17	35.33 0.42 0.18	37.99 0.46 0.32	39.60 0.51 0.36	40.75 0.56 0.00	45.72 0.64 0.38	51.01 0.90 0.00	48.67 0.91 0.00	42.20 0.87 0.00	37.89 0.70 0.00	34.40 0.71 0.00	31.77 0.80 0.00	29.18 0.57 0.00
BETHLEHEM___GS3 323562	27.50 0.49 0.00	25.22 0.37 0.00	23.34 0.30 0.00	22.59 0.33 0.00	22.80 0.36 0.00	23.07 0.34 0.00	25.03 0.44 0.00	26.04 0.59 0.00	28.23 0.47 0.00	30.17 0.45 0.00	31.72 0.53 0.16	33.52 0.56 0.17	35.33 0.42 0.18	37.99 0.46 0.32	39.60 0.51 0.36	40.75 0.56 0.00	45.72 0.64 0.38	51.01 0.90 0.00	48.67 0.91 0.00	42.20 0.87 0.00	37.89 0.70 0.00	34.40 0.71 0.00	31.77 0.80 0.00	29.18 0.57 0.00
BETHLEHEM___STEEL 23779	27.31 0.30 0.00	24.95 0.10 0.00	22.76 -0.28 0.00	21.70 -0.56 0.00	21.65 -0.79 0.00	21.93 -0.80 0.00	24.51 -0.07 0.00	24.79 -0.66 0.00	27.37 -0.39 0.00	29.25 -0.48 0.00	30.85 -0.50 0.00	32.96 -0.17 0.00	35.16 0.07 0.00	38.05 0.19 0.00	39.61 0.16 -0.01	40.04 -0.16 -0.01	44.79 -0.68 -0.01	48.45 -1.65 0.00	46.43 -1.34 -0.01	39.84 -1.49 0.00	36.22 -0.97 0.00	32.65 -1.04 0.00	30.16 -0.81 0.00	28.35 -0.26 0.00
BETHLHEM_115KV_TB1 79974	27.58 0.57 0.00	25.32 0.47 0.00	23.39 0.35 0.00	22.64 0.38 0.00	22.86 0.43 0.00	23.11 0.39 0.00	25.08 0.49 0.00	26.09 0.64 0.00	28.31 0.56 0.00	30.26 0.54 0.00	31.82 0.63 0.15	33.63 0.66 0.16	35.48 0.56 0.17	38.12 0.57 0.30	39.70 0.59 0.34	40.83 0.64 0.00	45.88 0.77 0.36	51.11 1.00 0.00	48.77 1.00 0.00	42.28 0.95 0.00	37.96 0.78 0.00	34.50 0.81 0.00	31.83 0.87 0.00	29.27 0.66 0.00
BETHPAGE_CC_5 323564	32.00 2.62 -2.37	31.36 2.11 -4.40	30.73 1.64 -6.06	26.49 1.58 -2.65	26.43 1.57 -2.42	29.27 1.64 -4.90	29.11 2.11 -2.41	30.81 2.52 -2.83	31.63 2.78 -1.10	32.69 2.97 0.00	38.00 3.32 -3.33	42.49 3.38 -5.98	42.64 3.54 -4.01	43.16 3.75 -1.56	46.25 3.71 -3.09	44.60 3.70 -0.72	51.87 4.41 -1.99	56.54 5.01 -1.43	52.47 4.39 -0.32	45.24 3.88 -0.03	40.84 3.65 -0.01	39.07 3.50 -1.87	35.05 3.28 -0.81	34.39 2.89 -2.90
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	27.36 0.35 0.00	25.00 0.15 0.00	22.81 -0.23 0.00	21.73 -0.53 0.00	21.70 -0.74 0.00	21.98 -0.75 0.00	24.56 -0.02 0.00	24.84 -0.61 0.00	27.45 -0.31 0.00	29.34 -0.39 0.00	30.97 -0.38 0.00	33.09 -0.03 0.00	35.30 0.21 0.00	38.24 0.38 0.00	39.81 0.36 -0.01	40.20 0.00 -0.01	45.02 -0.45 -0.01	48.65 -1.45 0.00	46.62 -1.15 -0.01	40.01 -1.32 0.00	36.33 -0.86 0.00	32.79 -0.91 0.00	30.22 -0.74 0.00	28.44 -0.17 0.00

BINGHAMTON___COGEN 23790	27.55 0.54 0.00	25.27 0.42 0.00	23.23 0.18 0.00	22.35 0.09 0.00	22.50 0.07 0.00	22.79 0.07 0.00	24.95 0.37 0.00	25.76 0.31 0.00	28.43 0.42 -0.26	30.53 0.45 -0.36	32.22 0.50 -0.37	34.20 0.63 -0.44	36.25 0.77 -0.39	39.28 0.87 -0.55	40.82 0.91 -0.47	41.57 0.92 -0.45	47.15 0.91 -0.77	51.67 0.80 -0.77	49.11 0.76 -0.58	42.38 0.62 -0.42	38.13 0.67 -0.28	34.51 0.57 -0.25	31.53 0.53 -0.05	29.19 0.54 -0.03
BIXINCNT_115KV_LOAD 355685	27.50 0.49 0.00	25.12 0.27 0.00	22.93 -0.12 0.00	21.86 -0.40 0.00	21.85 -0.58 0.00	22.14 -0.59 0.00	24.76 0.17 0.00	25.05 -0.41 0.00	27.73 -0.03 0.00	29.63 -0.09 0.00	31.19 -0.16 0.00	33.43 0.30 0.00	35.68 0.60 0.00	38.54 0.68 0.00	40.12 0.67 0.00	40.44 0.24 0.00	45.47 0.00 0.00	49.05 -1.05 0.00	46.91 -0.86 0.00	40.17 -1.16 0.00	36.63 -0.56 0.00	32.92 -0.78 0.00	30.13 -0.84 0.00	28.32 -0.29 0.00
BLACK RIVER___HYD 24047	26.69 -0.32 0.00	24.60 -0.25 0.00	22.67 -0.37 0.00	21.88 -0.36 0.02	22.08 -0.36 0.00	22.48 -0.25 0.00	24.36 -0.22 0.00	25.10 -0.36 0.00	27.75 -0.58 -0.58	30.02 -0.51 -0.80	31.64 -0.53 -0.82	33.57 -0.53 -0.98	35.38 -0.56 -0.86	38.51 -0.57 -1.22	40.00 -0.47 -1.03	40.71 -0.48 -1.00	46.68 -0.50 -1.71	51.40 -0.40 -1.70	49.04 0.00 -1.28	42.56 0.29 -0.94	38.10 0.30 -0.62	34.61 0.37 -0.54	31.03 -0.03 -0.10	28.57 -0.11 -0.07
BLACKRVR_115KV_TB2 79977	26.69 -0.32 0.00	24.60 -0.25 0.00	22.67 -0.37 0.00	21.88 -0.36 0.02	22.06 -0.38 0.00	22.48 -0.25 0.00	24.36 -0.22 0.00	25.10 -0.36 0.00	27.75 -0.58 -0.58	30.02 -0.51 -0.80	31.64 -0.53 -0.82	33.58 -0.53 -0.98	35.38 -0.56 -0.86	38.51 -0.57 -1.22	40.00 -0.47 -1.03	40.71 -0.48 -1.00	46.68 -0.50 -1.71	51.40 -0.40 -1.70	49.04 0.00 -1.28	42.56 0.29 -0.94	38.10 0.30 -0.62	34.61 0.37 -0.54	31.03 -0.03 -0.10	28.57 -0.11 -0.07
BLISS_WT_PWR 323608	27.50 0.49 0.00	25.10 0.25 0.00	22.90 -0.14 0.00	21.84 -0.42 0.00	22.01 -0.43 0.00	22.16 -0.57 0.00	24.73 0.15 0.00	25.04 -0.41 0.00	27.78 0.03 0.00	29.66 -0.06 0.00	31.32 -0.03 0.00	33.46 0.33 0.00	35.79 0.70 0.00	38.50 0.64 0.00	40.16 0.71 0.00	40.36 0.16 0.00	45.43 -0.05 0.00	48.95 -1.15 0.00	46.86 -0.91 0.00	40.09 -1.24 0.00	36.59 -0.60 0.00	32.92 -0.77 0.00	30.00 -0.96 0.00	28.21 -0.40 0.00
BLUESTONE___WT_PWR 323821	28.93 1.92 0.00	26.59 1.74 0.00	24.31 1.27 0.00	23.48 1.22 0.00	23.63 1.19 0.00	24.04 1.32 0.00	26.33 1.75 0.00	27.16 1.71 0.00	29.70 1.72 -0.23	31.91 1.87 -0.31	33.70 2.04 -0.32	35.89 2.39 -0.38	38.02 2.60 -0.33	41.21 2.88 -0.48	43.20 3.35 -0.40	44.04 3.46 -0.39	50.05 3.91 -0.67	54.87 4.11 -0.66	52.41 4.15 -0.50	45.25 3.55 -0.36	40.55 3.12 -0.24	36.84 2.93 -0.21	33.35 2.35 -0.04	30.78 2.15 -0.03
BLUE_CIRC_CHEM_DRP 24182	27.88 0.86 0.00	25.62 0.77 0.00	23.66 0.62 0.00	22.88 0.62 0.00	23.11 0.67 0.00	23.36 0.64 0.00	25.32 0.74 0.00	26.27 0.81 0.00	28.50 0.75 0.00	30.41 0.68 0.00	31.96 0.72 0.11	33.74 0.73 0.11	35.49 0.53 0.12	38.17 0.53 0.21	39.84 0.63 0.24	40.87 0.68 0.00	46.08 0.86 0.25	51.26 1.15 0.00	49.05 1.29 0.00	42.57 1.24 0.00	38.26 1.08 0.00	34.74 1.04 0.00	32.17 1.21 0.00	29.58 0.97 0.00
BOC_GAS_DRP 24189	27.74 0.73 0.00	25.45 0.60 0.00	23.48 0.44 0.00	22.71 0.45 0.00	22.93 0.49 0.00	23.18 0.45 0.00	25.17 0.59 0.00	26.17 0.71 0.00	28.48 0.72 0.00	30.44 0.71 0.00	32.06 0.82 0.10	33.84 0.83 0.11	35.74 0.77 0.12	38.44 0.79 0.21	40.04 0.83 0.23	41.08 0.88 0.00	46.27 1.05 0.25	51.36 1.25 0.00	48.96 1.19 0.00	42.45 1.12 0.00	38.15 0.97 0.00	34.64 0.94 0.00	31.95 0.99 0.00	29.41 0.80 0.00
BOONVILLE_115KV_TB1 79983	27.55 0.54 0.00	25.35 0.50 0.00	23.36 0.32 0.00	22.56 0.31 0.01	22.75 0.31 0.00	23.14 0.41 0.00	25.10 0.52 0.00	25.94 0.48 0.00	28.36 0.44 -0.16	30.45 0.51 -0.23	32.14 0.56 -0.23	34.10 0.70 -0.28	36.03 0.70 -0.24	39.03 0.83 -0.34	40.80 1.07 -0.29	41.52 1.04 -0.28	47.22 1.27 -0.48	51.98 1.40 -0.48	49.65 1.53 -0.36	42.96 1.36 -0.26	38.51 1.15 -0.17	34.96 1.11 -0.15	31.80 0.81 -0.03	29.29 0.66 -0.02
BORALEX_4TH_BRANCH 23824	28.28 1.27 0.00	25.94 1.09 0.00	23.87 0.83 0.00	23.08 0.82 0.00	23.31 0.88 0.00	23.59 0.86 0.00	25.62 1.03 0.00	26.70 1.25 0.00	29.00 1.25 0.00	30.88 1.16 0.00	32.19 1.25 0.41	33.97 1.29 0.45	35.92 1.30 0.47	38.39 1.36 0.83	39.94 1.42 0.93	41.68 1.49 0.00	46.25 1.77 0.99	52.36 2.25 0.00	50.05 2.29 0.00	43.48 2.15 0.00	38.93 1.75 0.00	35.41 1.72 0.00	32.63 1.67 0.00	29.92 1.32 0.00
BOWLINE___1 23526	28.88 1.86 0.00	26.32 1.47 0.00	24.10 1.06 0.00	23.28 1.02 0.00	23.45 1.01 0.00	23.80 1.07 0.00	26.03 1.45 0.00	27.26 1.81 0.00	29.73 1.97 0.00	31.86 2.14 0.00	33.91 2.38 -0.18	35.74 2.42 -0.20	37.75 2.46 -0.21	40.83 2.61 -0.37	42.50 2.64 -0.41	42.93 2.73 0.00	49.13 3.23 -0.44	53.76 3.66 0.00	50.96 3.20 0.00	44.10 2.77 0.00	39.78 2.60 0.00	36.15 2.46 0.00	33.38 2.42 0.00	30.70 2.09 0.00
BOWLINE___2 23595	28.88 1.86 0.00	26.32 1.47 0.00	24.10 1.06 0.00	23.28 1.02 0.00	23.45 1.01 0.00	23.80 1.07 0.00	26.03 1.45 0.00	27.26 1.81 0.00	29.73 1.97 0.00	31.83 2.11 0.00	33.88 2.35 -0.18	35.71 2.39 -0.20	37.75 2.46 -0.21	40.83 2.61 -0.37	42.50 2.64 -0.41	42.93 2.73 0.00	49.13 3.23 -0.44	53.81 3.71 0.00	50.96 3.20 0.00	44.10 2.77 0.00	39.78 2.60 0.00	36.15 2.46 0.00	33.38 2.42 0.00	30.73 2.12 0.00
BRADY___115KV_TB2 356060	26.18 -0.84 0.00	24.20 -0.65 0.00	22.70 -0.35 0.00	21.86 -0.29 0.11	22.15 -0.29 0.00	22.50 -0.23 0.00	24.04 -0.54 0.00	24.84 -0.61 0.00	27.06 -0.69 0.00	29.01 -0.71 0.00	30.50 -0.85 0.00	32.17 -0.96 0.00	34.07 -1.02 0.00	36.72 -1.14 0.00	38.30 -1.14 0.00	39.07 -1.13 0.00	44.24 -1.23 0.00	48.90 -1.20 0.00	46.71 -1.05 0.00	40.46 -0.87 0.00	36.40 -0.78 0.00	32.82 -0.88 0.00	29.97 -0.99 0.00	27.78 -0.83 0.00
BRANSCOMB___SOLAR 323811	28.44 1.43 0.00	26.09 1.24 0.00	24.03 0.99 0.00	23.22 0.96 0.00	23.38 0.94 0.00	23.70 0.98 0.00	25.74 1.16 0.00	26.73 1.27 0.00	29.09 1.33 0.00	31.06 1.34 0.00	32.51 1.38 0.21	34.42 1.52 0.23	36.46 1.61 0.24	39.02 1.59 0.43	40.70 1.73 0.48	42.04 1.85 0.00	47.06 2.09 0.51	52.71 2.60 0.00	50.58 2.82 0.00	43.94 2.61 0.00	39.56 2.38 0.00	35.92 2.22 0.00	32.95 1.98 0.00	30.24 1.63 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	32.33 2.94 -2.37	31.64 2.39 -4.40	31.03 1.94 -6.06	26.78 1.87 -2.65	26.76 1.91 -2.42	29.56 1.93 -4.90	29.43 2.43 -2.41	31.14 2.85 -2.83	31.96 3.11 -1.10	32.96 3.24 0.00	38.33 3.64 -3.35	78.17 3.78 -41.26	47.28 3.86 -8.33	55.09 4.09 -13.15	62.51 3.75 -19.32	51.90 3.82 -7.89	67.13 4.50 -17.16	71.02 5.21 -15.70	55.79 4.54 -3.49	46.03 4.42 -0.28	41.23 3.94 -0.10	40.71 3.84 -3.18	35.36 3.59 -0.81	34.68 3.18 -2.90



BRISTLHL_115KV_TB1 79998	26.69 -0.32 0.00	24.60 -0.25 0.00	22.67 -0.37 0.00	21.86 -0.40 0.00	22.01 -0.43 0.00	22.29 -0.43 0.00	24.29 -0.30 0.00	25.05 -0.41 0.00	28.61 -0.42 -1.27	31.07 -0.42 -1.77	32.78 -0.38 -1.81	34.91 -0.36 -2.15	36.66 -0.32 -1.88	40.27 -0.26 -2.68	41.35 -0.36 -2.26	41.98 -0.40 -2.19	48.73 -0.50 -3.76	53.19 -0.65 -3.74	50.00 -0.57 -2.81	42.89 -0.50 -2.06	38.17 -0.37 -1.36	34.55 -0.34 -1.19	30.91 -0.28 -0.22	28.48 -0.29 -0.16
BROOKHAVEN___DRP 24191	32.22 2.84 -2.37	31.54 2.29 -4.40	30.92 1.82 -6.06	26.69 1.78 -2.65	26.65 1.79 -2.42	29.45 1.82 -4.90	29.31 2.31 -2.41	31.01 2.72 -2.83	31.91 3.05 -1.10	32.93 3.21 0.00	39.11 3.67 -4.10	51.19 3.78 -14.29	66.35 4.00 -27.26	102.98 4.28 -60.85	129.71 4.18 -86.08	81.79 4.22 -37.38	130.06 5.00 -79.59	130.30 5.76 -74.44	69.31 5.02 -16.53	47.24 4.59 -1.32	41.75 4.09 -0.48	39.71 3.84 -2.18	35.33 3.56 -0.81	34.65 3.15 -2.90
BROOKLYN_NAVY_YARD 23515	29.39 2.38 0.00	26.66 1.81 0.00	24.38 1.34 0.00	23.53 1.27 0.00	23.67 1.23 0.00	24.07 1.34 0.00	26.43 1.84 0.00	27.74 2.29 0.00	30.28 2.53 0.00	32.46 2.73 0.00	34.68 3.13 -0.20	36.59 3.25 -0.21	38.65 3.34 -0.22	41.81 3.56 -0.39	43.51 3.63 -0.44	43.93 3.74 0.00	52.89 4.55 -2.87	55.16 5.06 0.00	52.25 4.49 0.00	45.13 3.80 0.00	40.64 3.46 0.00	36.90 3.20 0.00	34.00 3.04 0.00	31.27 2.66 0.00
BROOKLYN___ARMY_DRP 323595	29.65 2.62 -0.02	26.92 2.06 -0.01	24.64 1.59 -0.01	23.80 1.54 -0.01	23.99 1.55 -0.01	24.33 1.59 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.47 2.72 0.00	41.69 3.00 -8.96	39.00 3.39 -4.27	40.95 3.51 -4.31	38.96 3.65 -0.22	42.11 3.86 -0.39	43.91 4.02 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.09 5.36 -7.62	63.07 4.73 -10.58	93.65 4.13 -48.19	63.18 3.76 -22.24	39.44 3.50 -2.24	38.85 3.28 -4.61	31.49 2.86 -0.02
BROOKVLE_69_KV_TB1 55790	32.22 2.84 -2.37	31.54 2.29 -4.40	30.89 1.80 -6.06	26.65 1.74 -2.65	26.58 1.73 -2.42	29.43 1.80 -4.90	29.28 2.29 -2.41	30.98 2.70 -2.83	31.91 3.05 -1.10	32.99 3.27 0.00	38.51 3.79 -3.37	39.91 3.88 -2.91	42.84 4.11 -3.65	42.60 4.35 -0.39	45.14 4.22 -1.47	44.49 4.30 0.00	50.99 5.05 -0.47	55.82 5.71 0.00	52.78 5.02 0.00	45.71 4.38 0.00	41.20 4.02 0.00	39.36 3.91 -1.76	35.36 3.59 -0.81	34.68 3.18 -2.90
BROOME_2_LFGE 323671	27.55 0.54 0.00	25.30 0.45 0.00	23.22 0.18 0.00	22.37 0.11 0.00	22.55 0.11 0.00	22.80 0.07 0.00	24.95 0.37 0.00	25.76 0.31 0.00	28.43 0.42 -0.26	30.56 0.47 -0.36	32.25 0.53 -0.37	34.23 0.66 -0.44	36.25 0.77 -0.39	39.28 0.87 -0.55	40.86 0.95 -0.47	41.57 0.93 -0.45	47.15 0.91 -0.77	51.67 0.80 -0.77	49.10 0.76 -0.58	42.38 0.62 -0.42	38.13 0.67 -0.28	34.55 0.61 -0.25	31.53 0.53 -0.05	29.18 0.54 -0.03
BROOME___LFGE 323600	27.55 0.54 0.00	25.30 0.45 0.00	23.22 0.18 0.00	22.37 0.11 0.00	22.55 0.11 0.00	22.80 0.07 0.00	24.95 0.37 0.00	25.76 0.31 0.00	28.43 0.42 -0.26	30.56 0.47 -0.36	32.25 0.53 -0.37	34.23 0.66 -0.44	36.25 0.77 -0.39	39.28 0.87 -0.55	40.86 0.95 -0.47	41.57 0.93 -0.45	47.15 0.91 -0.77	51.67 0.80 -0.77	49.10 0.76 -0.58	42.38 0.62 -0.42	38.13 0.67 -0.28	34.55 0.61 -0.25	31.53 0.53 -0.05	29.18 0.54 -0.03
BROWNFLS_115KV_TB_3_5 80003	25.88 -1.13 0.00	23.88 -0.97 0.00	22.21 -0.83 0.00	21.42 -0.78 0.06	21.65 -0.79 0.00	22.02 -0.70 0.00	23.70 -0.89 0.00	24.49 -0.97 0.00	26.85 -1.14 -0.23	28.89 -1.16 -0.32	30.43 -1.25 -0.33	32.20 -1.33 -0.39	34.03 -1.40 -0.35	36.83 -1.51 -0.49	38.36 -1.50 -0.41	39.11 -1.49 -0.40	44.52 -1.64 -0.69	49.13 -1.65 -0.68	46.94 -1.34 -0.51	40.68 -1.03 -0.38	36.46 -0.97 -0.25	33.00 -0.91 -0.22	29.92 -1.08 -0.04	27.61 -1.03 -0.03
BROWNSV1_27_KV_LOAD 356125	29.66 2.65 0.00	26.86 2.01 0.00	24.61 1.57 0.00	23.75 1.49 0.00	23.94 1.50 0.00	24.27 1.55 0.00	26.65 2.07 0.00	27.97 2.52 0.00	30.59 2.83 0.00	32.78 3.06 0.00	35.02 3.48 -0.20	36.92 3.58 -0.21	39.07 3.75 -0.22	42.23 3.97 -0.39	43.99 4.10 -0.44	44.33 4.14 0.00	53.39 5.05 -2.87	55.72 5.61 0.00	52.73 4.97 0.00	45.59 4.26 0.00	41.05 3.87 0.00	37.27 3.57 0.00	34.31 3.34 0.00	31.58 2.98 0.00
BURROWS___LYONSDAL 23803	27.36 0.35 0.00	25.20 0.35 0.00	23.23 0.18 0.00	22.42 0.18 0.02	22.62 0.18 0.00	23.00 0.27 0.00	24.95 0.37 0.00	25.78 0.33 0.00	28.20 0.25 -0.20	30.29 0.30 -0.27	31.97 0.34 -0.28	33.89 0.43 -0.33	35.84 0.46 -0.29	38.84 0.57 -0.42	40.55 0.75 -0.35	41.26 0.72 -0.34	46.96 0.91 -0.58	51.74 1.05 -0.58	49.44 1.24 -0.44	42.77 1.12 -0.32	38.36 0.97 -0.21	34.82 0.94 -0.19	31.62 0.62 -0.03	29.12 0.49 -0.03
CAITHNESS_CC_1 323624	32.22 2.84 -2.37	31.56 2.31 -4.40	30.92 1.82 -6.06	26.67 1.76 -2.65	26.61 1.75 -2.42	29.43 1.79 -4.90	29.31 2.31 -2.41	30.98 2.70 -2.83	31.85 3.00 -1.10	32.93 3.21 0.00	39.01 3.57 -4.09	51.09 3.68 -14.28	66.11 3.89 -27.13	102.48 4.13 -60.49	129.17 4.14 -85.58	81.46 4.10 -37.16	129.46 4.87 -79.12	129.66 5.56 -74.00	69.07 4.87 -16.43	47.07 4.42 -1.31	41.75 4.09 -0.48	39.61 3.74 -2.18	35.30 3.53 -0.81	34.60 3.09 -2.90
CALPINE BETH_PAGE_GT4 24209	32.00 2.62 -2.37	31.34 2.09 -4.40	30.73 1.64 -6.06	26.49 1.58 -2.65	26.45 1.59 -2.42	29.27 1.64 -4.90	29.08 2.09 -2.41	30.78 2.49 -2.83	31.66 2.80 -1.10	32.67 2.94 0.00	38.08 3.39 -3.35	41.71 3.38 -5.20	42.58 3.54 -3.94	42.85 3.71 -1.29	45.79 3.63 -2.72	44.44 3.70 -0.55	51.47 4.37 -1.64	56.21 5.01 -1.10	52.35 4.35 -0.24	45.24 3.89 -0.02	40.72 3.53 -0.01	39.08 3.54 -1.84	35.05 3.28 -0.81	34.40 2.89 -2.90
CALPINE_BETH_PAGE_GT_4 323586	32.00 2.62 -2.37	31.36 2.11 -4.40	30.73 1.64 -6.06	26.47 1.56 -2.65	26.40 1.55 -2.42	29.24 1.61 -4.90	29.08 2.09 -2.41	30.78 2.50 -2.83	31.63 2.78 -1.10	32.69 2.97 0.00	38.05 3.36 -3.35	41.67 3.34 -5.20	42.54 3.51 -3.94	42.89 3.75 -1.29	45.87 3.71 -2.72	44.44 3.70 -0.55	51.47 4.37 -1.64	56.16 4.96 -1.10	52.35 4.35 -0.24	45.23 3.88 -0.02	40.80 3.61 -0.01	39.04 3.50 -1.84	35.08 3.31 -0.81	34.39 2.89 -2.90
CALPINE_BP_GT1 23823	32.00 2.62 -2.37	31.36 2.11 -4.40	30.73 1.64 -6.06	26.47 1.56 -2.65	26.40 1.55 -2.42	29.24 1.61 -4.90	29.08 2.09 -2.41	30.78 2.50 -2.83	31.63 2.78 -1.10	32.69 2.97 0.00	38.05 3.36 -3.35	41.67 3.34 -5.20	42.54 3.51 -3.94	42.89 3.75 -1.29	45.87 3.71 -2.72	44.44 3.70 -0.55	51.47 4.37 -1.64	56.16 4.96 -1.10	52.35 4.35 -0.24	45.23 3.88 -0.02	40.80 3.61 -0.01	39.04 3.50 -1.84	35.08 3.31 -0.81	34.39 2.89 -2.90
CALSPAN___DRP 24200	27.31 0.30 0.00	24.95 0.10 0.00	22.76 -0.28 0.00	21.70 -0.56 0.00	21.65 -0.79 0.00	21.93 -0.80 0.00	24.51 -0.07 0.00	24.79 -0.66 0.00	27.37 -0.39 0.00	29.25 -0.48 0.00	30.85 -0.50 0.00	32.96 -0.17 0.00	35.16 0.07 0.00	38.05 0.19 0.00	39.61 0.16 -0.01	40.04 -0.16 -0.01	44.79 -0.68 -0.01	48.45 -1.65 0.00	46.43 -1.34 -0.01	39.84 -1.49 0.00	36.22 -0.97 0.00	32.65 -1.04 0.00	30.16 -0.81 0.00	28.35 -0.26 0.00

CALVERTON___SOLAR 323806	32.27 2.89 -2.37	31.61 2.36 -4.40	30.96 1.87 -6.06	26.71 1.80 -2.65	26.65 1.80 -2.42	29.50 1.86 -4.90	29.33 2.34 -2.41	31.04 2.75 -2.83	31.96 3.11 -1.10	33.08 3.36 0.00	39.24 3.79 -4.10	51.36 3.94 -14.29	66.55 4.14 -27.32	103.32 4.46 -61.00	130.19 4.46 -86.29	82.09 4.42 -37.47	130.48 5.23 -79.78	130.68 5.96 -74.62	69.63 5.30 -16.57	47.41 4.75 -1.32	42.01 4.35 -0.48	39.85 3.97 -2.18	35.45 3.68 -0.81	34.71 3.20 -2.90
CANDIGU_WT_PWR 323617	27.58 0.57 0.00	25.25 0.40 0.00	23.09 0.05 0.00	22.08 -0.18 0.00	22.26 -0.18 0.00	22.46 -0.27 0.00	24.86 0.27 0.00	25.40 -0.05 0.00	28.10 0.20 -0.15	30.07 0.15 -0.20	31.77 0.22 -0.21	33.77 0.40 -0.25	35.86 0.56 -0.21	38.77 0.60 -0.31	40.33 0.63 -0.26	40.88 0.44 -0.25	46.13 0.23 -0.43	50.23 -0.30 -0.42	47.89 -0.19 -0.32	41.19 -0.37 -0.23	37.23 -0.11 -0.15	33.73 -0.10 -0.14	30.86 -0.12 -0.03	28.68 0.06 -0.02
CARR STREET_E_SYR 24060	26.96 -0.05 0.00	24.82 -0.02 0.00	22.88 -0.16 0.00	22.04 -0.22 0.00	22.23 -0.20 0.00	22.50 -0.23 0.00	24.51 -0.07 0.00	25.30 -0.15 0.00	28.05 -0.08 -0.38	30.19 -0.06 -0.53	31.89 0.00 -0.54	33.74 -0.03 -0.65	35.69 0.04 -0.57	38.74 0.08 -0.81	40.20 0.08 -0.68	40.89 0.04 -0.66	46.60 0.00 -1.13	51.02 -0.20 -1.12	48.42 -0.19 -0.84	41.74 -0.21 -0.62	37.48 -0.11 -0.41	33.95 -0.10 -0.36	31.00 -0.03 -0.07	28.63 -0.03 -0.05
CARTHAGE___PAPER 23857	26.58 -0.43 0.00	24.50 -0.35 0.00	22.63 -0.41 0.00	21.86 -0.38 0.03	22.06 -0.38 0.00	22.46 -0.27 0.00	24.31 -0.27 0.00	25.04 -0.41 0.00	27.63 -0.61 -0.49	29.83 -0.57 -0.68	31.41 -0.63 -0.69	33.32 -0.63 -0.82	35.11 -0.70 -0.72	38.16 -0.72 -1.03	39.68 -0.63 -0.87	40.39 -0.64 -0.84	46.27 -0.64 -1.44	51.03 -0.50 -1.43	48.74 -0.10 -1.07	42.28 0.17 -0.79	37.81 0.11 -0.52	34.36 0.20 -0.46	30.86 -0.18 -0.09	28.41 -0.26 -0.06
CASSADAGA_WT_PWR 323784	28.15 1.13 0.00	25.67 0.82 0.00	23.39 0.35 0.00	22.28 0.02 0.00	22.41 -0.02 0.00	22.57 -0.16 0.00	25.20 0.61 0.00	25.58 0.13 0.00	28.34 0.58 0.00	30.32 0.59 0.00	32.16 0.81 0.00	34.19 1.06 0.00	36.53 1.44 0.00	39.45 1.59 0.00	41.07 1.62 0.00	41.40 1.20 0.00	46.24 0.77 0.00	50.00 -0.10 0.00	47.77 0.00 0.00	40.92 -0.41 0.00	37.00 -0.18 0.00	33.49 -0.20 0.00	30.68 -0.28 0.00	28.64 0.03 0.00
CE_DUNWOOD___DRP 24194	29.09 2.08 0.00	26.47 1.62 0.00	24.24 1.20 0.00	23.44 1.18 0.00	23.63 1.19 0.00	23.93 1.20 0.00	26.23 1.65 0.00	27.49 2.04 0.00	30.00 2.25 0.00	32.16 2.44 0.00	34.30 2.76 -0.20	36.16 2.82 -0.21	38.26 2.95 -0.22	41.35 3.10 -0.39	43.08 3.20 -0.44	43.45 3.26 0.00	49.85 3.91 -0.47	54.51 4.41 0.00	51.63 3.87 0.00	44.68 3.35 0.00	40.23 3.05 0.00	36.56 2.86 0.00	33.62 2.66 0.00	30.95 2.35 0.00
CE_MILLWOOD___DRP 24193	29.01 2.00 0.00	26.39 1.54 0.00	24.19 1.15 0.00	23.37 1.11 0.00	23.58 1.14 0.00	23.89 1.16 0.00	26.16 1.57 0.00	27.39 1.93 0.00	29.92 2.16 0.00	32.04 2.32 0.00	34.17 2.63 -0.19	36.02 2.68 -0.21	38.12 2.81 -0.22	41.20 2.95 -0.39	42.92 3.04 -0.44	43.33 3.13 0.00	49.66 3.73 -0.47	54.31 4.21 0.00	51.49 3.73 0.00	44.56 3.22 0.00	40.08 2.90 0.00	36.43 2.73 0.00	33.53 2.57 0.00	30.87 2.26 0.00
CE_NYC2_DRP 24202	29.50 2.49 0.00	26.77 1.91 -0.01	24.50 1.45 -0.01	23.67 1.40 -0.01	23.86 1.41 -0.01	24.19 1.45 -0.01	26.53 1.94 -0.01	27.82 2.37 0.00	30.36 2.61 0.00	33.84 2.85 -1.27	35.36 3.23 -0.78	37.24 3.31 -0.80	38.75 3.44 -0.22	41.85 3.60 -0.39	43.63 3.75 -0.44	43.97 3.78 0.00	52.96 4.55 -2.94	55.11 5.01 0.00	52.20 4.44 0.00	45.18 3.84 0.00	40.68 3.50 0.00	37.00 3.30 0.00	34.13 3.16 -0.01	31.38 2.78 0.00
CE_NYC_DRP 24195	29.42 2.40 0.00	26.66 1.81 0.00	24.42 1.38 0.00	23.60 1.34 0.00	23.76 1.32 0.00	24.09 1.36 0.00	26.45 1.87 0.00	27.74 2.29 0.00	30.34 2.58 0.00	32.49 2.76 0.00	34.71 3.17 -0.20	36.59 3.25 -0.21	38.71 3.40 -0.22	41.81 3.56 -0.39	43.56 3.67 -0.44	43.93 3.74 0.00	52.83 4.50 -2.86	55.16 5.06 0.00	52.20 4.44 0.00	45.13 3.80 0.00	40.64 3.46 0.00	36.93 3.23 0.00	34.03 3.07 0.00	31.30 2.69 0.00
CHAFFEE___LFGE 323603	27.39 0.38 0.00	25.00 0.15 0.00	22.83 -0.21 0.00	21.75 -0.51 0.00	21.90 -0.54 0.00	22.02 -0.70 0.00	24.58 0.00 0.00	24.87 -0.58 0.00	27.56 -0.19 0.00	29.40 -0.33 0.00	31.16 -0.19 0.00	33.19 0.07 0.00	35.47 0.39 0.00	38.31 0.46 0.00	39.96 0.51 0.00	40.32 0.12 0.00	45.11 -0.37 0.00	48.80 -1.30 0.00	46.72 -1.05 0.00	40.09 -1.24 0.00	36.40 -0.78 0.00	32.89 -0.81 0.00	30.28 -0.68 0.00	28.47 -0.14 0.00
CHATEAUG_35_KV_LOAD 355732	26.47 -0.54 0.00	24.48 -0.37 0.00	22.97 -0.07 0.00	22.25 0.00 0.01	22.46 0.02 0.00	22.77 0.05 0.00	24.41 -0.17 0.00	25.27 -0.18 0.00	27.62 -0.14 0.00	29.57 -0.15 0.00	31.06 -0.28 0.00	32.80 -0.33 0.00	34.77 -0.32 0.00	37.44 -0.42 0.00	38.93 -0.51 0.00	39.75 -0.44 0.00	44.97 -0.50 0.00	49.70 -0.40 0.00	47.28 -0.48 0.00	40.79 -0.54 0.00	36.63 -0.56 0.00	32.92 -0.78 0.00	30.06 -0.90 0.00	27.87 -0.74 0.00
CHATEAUG_WT_PWR 323614	26.53 -0.49 0.00	24.50 -0.35 0.00	22.99 -0.05 0.00	22.24 -0.02 0.00	22.46 0.02 0.00	22.80 0.07 0.00	24.46 -0.12 0.00	25.30 -0.15 0.00	27.67 -0.08 0.00	29.63 -0.09 0.00	31.16 -0.19 0.00	32.90 -0.23 0.00	34.84 -0.24 0.00	37.55 -0.30 0.00	39.09 -0.36 0.00	39.87 -0.32 0.00	45.10 -0.37 0.00	49.80 -0.30 0.00	47.38 -0.38 0.00	40.84 -0.49 0.00	36.70 -0.48 0.00	32.99 -0.71 0.00	30.13 -0.83 0.00	27.92 -0.69 0.00
CHAT_HIGH_FALL_HYD 323578	26.47 -0.54 0.00	24.48 -0.37 0.00	22.97 -0.07 0.00	22.25 0.00 0.01	22.46 0.02 0.00	22.77 0.05 0.00	24.41 -0.17 0.00	25.27 -0.18 0.00	27.62 -0.14 0.00	29.57 -0.15 0.00	31.06 -0.28 0.00	32.80 -0.33 0.00	34.77 -0.32 0.00	37.44 -0.42 0.00	38.93 -0.51 0.00	39.75 -0.44 0.00	44.97 -0.50 0.00	49.70 -0.40 0.00	47.28 -0.48 0.00	40.79 -0.54 0.00	36.63 -0.56 0.00	32.92 -0.78 0.00	30.06 -0.90 0.00	27.87 -0.74 0.00
CHAUTAUQUA___LFGE 323629	27.82 0.81 0.00	25.40 0.55 0.00	23.18 0.14 0.00	22.08 -0.18 0.00	22.21 -0.22 0.00	22.36 -0.36 0.00	24.93 0.34 0.00	25.28 -0.18 0.00	28.00 0.25 0.00	29.90 0.18 0.00	31.69 0.35 0.00	33.72 0.60 0.00	36.04 0.95 0.00	38.88 1.02 0.00	40.52 1.07 0.00	40.92 0.72 0.00	45.75 0.27 0.00	49.50 -0.60 0.00	47.34 -0.43 0.00	40.63 -0.70 0.00	36.85 -0.34 0.00	33.29 -0.40 0.00	30.59 -0.37 0.00	28.64 0.03 0.00
CHERRYST_13_KV_LD 356241	29.53 2.51 0.00	26.74 1.89 0.00	24.49 1.45 0.00	23.66 1.40 0.00	23.83 1.39 0.00	24.18 1.45 0.00	26.55 1.97 0.00	27.87 2.42 0.00	30.47 2.72 0.00	32.67 2.94 0.00	34.90 3.35 -0.20	36.79 3.45 -0.21	38.89 3.58 -0.22	42.04 3.79 -0.39	43.79 3.91 -0.44	44.17 3.98 0.00	53.10 4.77 -2.86	55.46 5.36 0.00	52.44 4.68 0.00	45.30 3.97 0.00	40.79 3.61 0.00	37.07 3.37 0.00	34.12 3.16 0.00	31.41 2.80 0.00

CHESTROR_138KV_BK263 355645	28.63 1.62 0.00	26.12 1.27 0.00	23.96 0.92 0.00	23.17 0.91 0.00	23.36 0.92 0.00	23.66 0.93 0.00	25.86 1.28 0.00	27.03 1.58 0.00	29.42 1.67 0.00	31.54 1.81 0.00	33.55 2.04 -0.16	35.36 2.05 -0.18	37.48 2.21 -0.18	40.53 2.35 -0.33	42.22 2.41 -0.36	42.68 2.49 0.00	48.81 2.96 -0.39	53.51 3.41 0.00	50.77 3.01 0.00	43.94 2.60 0.00	39.56 2.38 0.00	35.92 2.22 0.00	33.07 2.11 0.00	30.44 1.83 0.00
CH_MIDHUDSON___DRP 24192	28.90 1.89 0.00	26.34 1.49 0.00	24.15 1.11 0.00	23.35 1.09 0.00	23.56 1.12 0.00	23.86 1.14 0.00	26.06 1.48 0.00	27.26 1.81 0.00	29.67 1.92 0.00	31.77 2.05 0.00	33.80 2.32 -0.14	35.63 2.35 -0.15	37.81 2.56 -0.16	40.86 2.73 -0.28	42.60 2.84 -0.31	43.09 2.89 0.00	49.30 3.50 -0.33	54.06 3.96 0.00	51.34 3.58 0.00	44.39 3.06 0.00	39.93 2.75 0.00	36.29 2.59 0.00	33.38 2.42 0.00	30.70 2.09 0.00
CH_MISC_IPPS 23765	29.09 2.08 0.00	26.54 1.69 0.00	24.31 1.27 0.00	23.48 1.22 0.00	23.65 1.21 0.00	24.00 1.27 0.00	26.23 1.65 0.00	27.44 1.99 0.00	29.84 2.08 0.00	31.95 2.23 0.00	34.01 2.51 -0.15	35.84 2.55 -0.16	38.07 2.81 -0.17	41.23 3.07 -0.30	42.98 3.19 -0.34	43.49 3.30 0.00	49.74 3.91 -0.36	54.51 4.41 0.00	51.72 3.96 0.00	44.76 3.43 0.00	40.23 3.05 0.00	36.53 2.83 0.00	33.62 2.66 0.00	30.93 2.32 0.00
CH_RES_BVR_FALLS 23983	26.69 -0.32 0.00	24.58 -0.27 0.00	22.88 -0.16 0.00	22.13 -0.13 0.00	22.30 -0.13 0.00	22.61 -0.11 0.00	24.36 -0.22 0.00	25.22 -0.23 0.00	27.50 -0.25 0.00	29.45 -0.27 0.00	31.03 -0.31 0.00	32.80 -0.33 0.00	34.74 -0.35 0.00	37.44 -0.42 0.00	39.01 -0.43 0.00	39.75 -0.44 0.00	44.97 -0.50 0.00	49.55 -0.55 0.00	47.19 -0.57 0.00	40.79 -0.54 0.00	36.59 -0.60 0.00	33.05 -0.64 0.00	30.28 -0.68 0.00	27.98 -0.63 0.00
CH_RES_NIAGARA 23895	26.34 -0.68 0.00	24.03 -0.82 0.00	21.96 -1.08 0.00	20.90 -1.36 0.00	20.84 -1.59 0.00	21.11 -1.61 0.00	23.60 -0.98 0.00	23.77 -1.68 0.00	26.26 -1.50 0.00	27.97 -1.75 0.00	29.47 -1.88 0.00	31.40 -1.72 0.00	33.47 -1.61 0.00	36.19 -1.67 0.00	37.57 -1.85 0.03	37.96 -2.21 0.03	42.49 -2.96 0.03	45.96 -4.11 0.03	44.11 -3.63 0.03	37.94 -3.39 0.00	34.54 -2.64 0.00	31.17 -2.53 0.00	28.89 -2.07 0.00	27.26 -1.34 0.00
CH_RES_SYRACUSE 23985	27.12 0.11 0.00	24.97 0.12 0.00	23.02 -0.02 0.00	22.17 -0.09 0.00	22.35 -0.09 0.00	22.61 -0.11 0.00	24.66 0.07 0.00	25.45 0.00 0.00	28.51 0.06 -0.70	30.82 0.12 -0.98	32.54 0.19 -1.00	34.55 0.23 -1.19	36.44 0.32 -1.04	39.76 0.42 -1.48	41.13 0.43 -1.25	41.81 0.40 -1.21	47.91 0.36 -2.08	52.42 0.25 -2.06	49.56 0.24 -1.55	42.64 0.17 -1.14	38.16 0.22 -0.75	34.56 0.20 -0.66	31.27 0.19 -0.12	28.87 0.17 -0.09
CLINTON_WT_PWR 323605	26.53 -0.49 0.00	24.50 -0.35 0.00	22.99 -0.05 0.00	22.24 -0.02 0.00	22.46 0.02 0.00	22.80 0.07 0.00	24.46 -0.12 0.00	25.30 -0.15 0.00	27.67 -0.08 0.00	29.63 -0.09 0.00	31.16 -0.19 0.00	32.90 -0.23 0.00	34.84 -0.24 0.00	37.55 -0.30 0.00	39.09 -0.36 0.00	39.87 -0.32 0.00	45.10 -0.37 0.00	49.80 -0.30 0.00	47.38 -0.38 0.00	40.84 -0.49 0.00	36.70 -0.48 0.00	32.99 -0.71 0.00	30.13 -0.83 0.00	27.92 -0.69 0.00
CLINTON___LFGE 323618	26.83 -0.19 0.00	24.78 -0.07 0.00	23.25 0.21 0.00	22.48 0.22 0.00	22.71 0.27 0.00	23.04 0.32 0.00	24.76 0.17 0.00	25.63 0.18 0.00	28.06 0.31 0.00	30.05 0.33 0.00	31.60 0.25 0.00	33.36 0.23 0.00	35.34 0.25 0.00	38.09 0.23 0.00	39.60 0.16 0.00	40.43 0.24 0.00	45.74 0.27 0.00	50.60 0.50 0.00	48.05 0.29 0.00	41.46 0.12 0.00	37.22 0.04 0.00	33.39 -0.30 0.00	30.47 -0.50 0.00	28.24 -0.37 0.00
COBBLENY_34_KV_TB1 80064	27.39 0.38 0.00	25.00 0.15 0.00	22.83 -0.21 0.00	21.75 -0.51 0.00	21.72 -0.72 0.00	22.00 -0.73 0.00	24.58 0.00 0.00	24.87 -0.59 0.00	27.48 -0.28 0.00	29.37 -0.36 0.00	31.00 -0.34 0.00	33.16 0.03 0.00	35.37 0.28 0.00	38.31 0.45 0.00	39.88 0.43 0.00	40.32 0.12 0.00	45.16 -0.32 0.00	48.75 -1.35 0.00	46.72 -1.05 0.00	40.09 -1.24 0.00	36.40 -0.78 0.00	32.85 -0.84 0.00	30.28 -0.68 0.00	28.47 -0.14 0.00
COFFEEN___115KV_TB3 355620	26.88 -0.14 0.00	24.80 -0.05 0.00	22.81 -0.23 0.00	22.04 -0.20 0.02	22.19 -0.25 0.00	22.64 -0.09 0.00	24.54 -0.05 0.00	25.22 -0.23 0.00	27.91 -0.44 -0.60	30.19 -0.36 -0.83	31.82 -0.38 -0.85	33.80 -0.33 -1.01	35.58 -0.39 -0.88	38.73 -0.38 -1.25	40.27 -0.24 -1.06	40.97 -0.24 -1.02	47.04 -0.18 -1.76	51.85 0.00 -1.75	49.51 0.43 -1.31	43.04 0.74 -0.96	38.49 0.67 -0.63	34.99 0.74 -0.56	31.35 0.28 -0.10	28.83 0.14 -0.08
COLDSPRG_115KV_BK1 355956	28.12 1.11 0.00	25.64 0.80 0.00	23.39 0.35 0.00	22.28 0.02 0.00	22.26 -0.18 0.00	22.57 -0.16 0.00	25.22 0.64 0.00	25.66 0.20 0.00	28.34 0.58 0.00	30.38 0.65 0.00	32.07 0.72 0.00	34.22 1.09 0.00	36.49 1.40 0.00	39.52 1.67 0.00	41.15 1.70 0.00	41.60 1.41 0.00	46.52 1.05 0.00	50.30 0.20 0.00	48.05 0.29 0.00	41.21 -0.12 0.00	37.37 0.19 0.00	33.76 0.07 0.00	30.99 0.03 0.00	28.98 0.37 0.00
COLONIE_LFGE___ 323577	28.09 1.08 0.00	25.77 0.92 0.00	23.76 0.72 0.00	22.97 0.71 0.00	23.16 0.72 0.00	23.45 0.73 0.00	25.47 0.88 0.00	26.47 1.02 0.00	28.81 1.05 0.00	30.76 1.04 0.00	32.23 1.13 0.25	34.05 1.19 0.27	36.00 1.19 0.28	38.61 1.25 0.50	40.23 1.34 0.56	41.60 1.41 0.00	46.51 1.63 0.59	52.11 2.01 0.00	49.81 2.05 0.00	43.23 1.90 0.00	38.82 1.63 0.00	35.25 1.55 0.00	32.45 1.49 0.00	29.78 1.17 0.00
COOPERNY_115KV_TB1 80082	28.20 1.19 0.00	25.79 0.94 0.00	23.69 0.65 0.00	22.91 0.65 0.00	23.09 0.65 0.00	23.39 0.66 0.00	25.52 0.93 0.00	26.60 1.15 0.00	28.98 1.22 0.00	31.06 1.34 0.00	32.95 1.50 -0.10	34.79 1.56 -0.11	36.85 1.65 -0.11	39.80 1.74 -0.20	41.48 1.81 -0.22	42.08 1.89 0.00	47.93 2.23 -0.24	52.61 2.51 0.00	50.01 2.24 0.00	43.27 1.94 0.00	38.93 1.75 0.00	35.38 1.68 0.00	32.51 1.55 0.00	29.95 1.34 0.00
COPENHAGEN_WT_PWR 323753	26.69 -0.32 0.00	24.60 -0.25 0.00	22.65 -0.39 0.00	21.88 -0.36 0.02	22.08 -0.36 0.00	22.46 -0.27 0.00	24.34 -0.25 0.00	25.07 -0.38 0.00	27.80 -0.58 -0.62	30.08 -0.51 -0.87	31.70 -0.53 -0.89	33.69 -0.50 -1.05	35.45 -0.56 -0.92	38.60 -0.57 -1.31	40.08 -0.47 -1.11	40.74 -0.52 -1.07	46.77 -0.54 -1.84	51.48 -0.45 -1.83	49.04 -0.10 -1.38	42.55 0.21 -1.01	38.07 0.22 -0.66	34.58 0.30 -0.58	31.01 -0.06 -0.11	28.55 -0.14 -0.08
CORNELL_____ 23752	27.90 0.89 0.00	25.64 0.80 0.00	23.55 0.51 0.00	22.68 0.42 0.00	22.82 0.38 0.00	23.14 0.41 0.00	25.32 0.74 0.00	26.17 0.71 0.00	28.87 0.75 -0.37	31.03 0.80 -0.51	32.72 0.85 -0.52	34.74 0.99 -0.62	36.75 1.12 -0.54	39.95 1.32 -0.77	41.56 1.46 -0.65	42.31 1.49 -0.63	48.19 1.64 -1.08	52.83 1.65 -1.07	50.34 1.77 -0.81	43.41 1.49 -0.59	38.99 1.41 -0.39	35.32 1.28 -0.34	32.11 1.08 -0.06	29.66 1.00 -0.05

CORONA__69_KV_TB1 355595	32.06 2.67 -2.37	31.39 2.14 -4.40	30.78 1.68 -6.06	26.51 1.60 -2.65	26.47 1.62 -2.42	29.29 1.66 -4.90	29.16 2.16 -2.41	30.86 2.57 -2.83	31.72 2.86 -1.10	32.78 3.06 0.00	38.23 3.51 -3.37	39.65 3.61 -2.91	42.52 3.79 -3.65	42.26 4.01 -0.39	44.78 3.87 -1.47	44.09 3.90 0.00	50.62 4.68 -0.47	55.46 5.36 0.00	52.49 4.73 0.00	45.46 4.13 0.00	40.98 3.79 0.00	39.16 3.71 -1.76	35.21 3.44 -0.81	34.57 3.06 -2.90
CORTLAND__115KV_TB3 80093	27.72 0.70 0.00	25.47 0.62 0.00	23.41 0.37 0.00	22.57 0.31 0.00	22.73 0.29 0.00	23.04 0.32 0.00	25.17 0.59 0.00	26.01 0.56 0.00	28.73 0.61 -0.36	30.88 0.65 -0.50	32.59 0.72 -0.52	34.57 0.83 -0.61	36.57 0.95 -0.54	39.72 1.10 -0.77	41.28 1.18 -0.65	42.02 1.21 -0.63	47.91 1.36 -1.07	52.47 1.30 -1.06	49.95 1.39 -0.80	43.08 1.16 -0.59	38.69 1.12 -0.39	35.05 1.01 -0.34	31.89 0.87 -0.06	29.46 0.80 -0.05
COXSACKIE__GT 23611	28.93 1.92 0.00	26.59 1.74 0.00	24.54 1.50 0.00	23.71 1.45 0.00	23.92 1.48 0.00	24.25 1.52 0.00	26.30 1.72 0.00	27.23 1.78 0.00	29.11 1.36 0.00	31.00 1.28 0.00	32.66 1.38 0.07	34.47 1.42 0.08	36.52 1.51 0.08	39.46 1.74 0.14	41.18 1.89 0.16	42.12 1.93 0.00	47.80 2.50 0.17	53.21 3.11 0.00	51.15 3.39 0.00	44.43 3.10 0.00	39.90 2.71 0.00	36.22 2.53 0.00	33.41 2.45 0.00	30.70 2.09 0.00
CPV_VALLEY__CC1 323721	28.39 1.38 0.00	25.94 1.09 0.00	23.80 0.76 0.00	22.99 0.73 0.00	23.16 0.72 0.00	23.50 0.77 0.00	25.66 1.08 0.00	26.80 1.35 0.00	29.20 1.44 0.00	31.27 1.54 0.00	33.24 1.75 -0.14	35.07 1.79 -0.15	37.11 1.86 -0.16	40.14 2.01 -0.28	41.81 2.05 -0.31	42.32 2.13 0.00	48.35 2.54 -0.33	52.96 2.85 0.00	50.29 2.53 0.00	43.52 2.19 0.00	39.19 2.01 0.00	35.62 1.92 0.00	32.79 1.83 0.00	30.18 1.57 0.00
CPV_VALLEY__CC2 323722	28.39 1.38 0.00	25.94 1.09 0.00	23.80 0.76 0.00	22.99 0.73 0.00	23.16 0.72 0.00	23.50 0.77 0.00	25.66 1.08 0.00	26.80 1.35 0.00	29.20 1.44 0.00	31.27 1.54 0.00	33.24 1.75 -0.14	35.07 1.79 -0.15	37.11 1.86 -0.16	40.14 2.01 -0.28	41.81 2.05 -0.31	42.32 2.13 0.00	48.35 2.54 -0.33	52.96 2.85 0.00	50.29 2.53 0.00	43.52 2.19 0.00	39.19 2.01 0.00	35.62 1.92 0.00	32.79 1.83 0.00	30.18 1.57 0.00
CRESCENT__HYD 24018	28.09 1.08 0.00	25.77 0.92 0.00	23.76 0.72 0.00	22.97 0.71 0.00	23.16 0.72 0.00	23.45 0.73 0.00	25.47 0.88 0.00	26.47 1.02 0.00	28.81 1.05 0.00	30.76 1.04 0.00	32.23 1.13 0.25	34.05 1.19 0.27	36.00 1.19 0.28	38.61 1.25 0.50	40.23 1.34 0.56	41.60 1.41 0.00	46.51 1.63 0.59	52.11 2.01 0.00	49.81 2.05 0.00	43.23 1.90 0.00	38.82 1.63 0.00	35.25 1.55 0.00	32.45 1.49 0.00	29.78 1.17 0.00
CRICKET__VALLEY_CC1 323756	28.47 1.46 0.00	25.99 1.14 0.00	23.87 0.83 0.00	23.08 0.82 0.00	23.24 0.81 0.00	23.57 0.84 0.00	25.72 1.13 0.00	26.90 1.45 0.00	29.28 1.53 0.00	31.30 1.57 0.00	30.44 1.75 2.66	32.01 1.79 2.90	33.87 1.82 3.04	34.45 1.97 5.37	35.45 2.01 6.01	42.28 2.09 0.00	41.57 2.50 6.40	53.06 2.96 0.00	50.48 2.72 0.00	43.73 2.40 0.00	39.26 2.08 0.00	35.68 1.99 0.00	32.88 1.92 0.00	30.21 1.60 0.00
CRICKET__VALLEY_CC2 323757	28.47 1.46 0.00	25.99 1.14 0.00	23.87 0.83 0.00	23.08 0.82 0.00	23.24 0.81 0.00	23.57 0.84 0.00	25.72 1.13 0.00	26.90 1.45 0.00	29.28 1.53 0.00	31.30 1.57 0.00	30.44 1.75 2.66	32.01 1.79 2.90	33.87 1.82 3.04	34.45 1.97 5.37	35.45 2.01 6.01	42.28 2.09 0.00	41.57 2.50 6.40	53.06 2.96 0.00	50.48 2.72 0.00	43.73 2.40 0.00	39.26 2.08 0.00	35.68 1.99 0.00	32.88 1.92 0.00	30.21 1.60 0.00
CRICKET__VALLEY_CC3 323758	28.47 1.46 0.00	25.99 1.14 0.00	23.87 0.83 0.00	23.08 0.82 0.00	23.24 0.81 0.00	23.57 0.84 0.00	25.72 1.13 0.00	26.90 1.45 0.00	29.28 1.53 0.00	31.30 1.57 0.00	30.44 1.75 2.66	32.01 1.79 2.90	33.87 1.82 3.04	34.45 1.97 5.37	35.45 2.01 6.01	42.28 2.09 0.00	41.57 2.50 6.40	53.06 2.96 0.00	50.48 2.72 0.00	43.73 2.40 0.00	39.26 2.08 0.00	35.68 1.99 0.00	32.88 1.92 0.00	30.21 1.60 0.00
CRUCIBLE__METL_DRP 24180	27.12 0.11 0.00	24.97 0.12 0.00	23.02 -0.02 0.00	22.17 -0.09 0.00	22.33 -0.11 0.00	22.61 -0.11 0.00	24.66 0.07 0.00	25.45 0.00 0.00	28.51 0.06 -0.70	30.82 0.12 -0.98	32.51 0.16 -1.00	34.55 0.23 -1.19	36.45 0.32 -1.04	39.76 0.42 -1.48	41.09 0.39 -1.25	41.81 0.40 -1.21	47.91 0.36 -2.08	52.42 0.25 -2.06	49.55 0.24 -1.55	42.63 0.17 -1.14	38.16 0.22 -0.75	34.56 0.20 -0.66	31.27 0.19 -0.12	28.87 0.17 -0.09
DAHOWA__HYDRO 323763	28.53 1.51 0.00	26.19 1.34 0.00	24.10 1.06 0.00	23.28 1.02 0.00	23.45 1.01 0.00	23.77 1.05 0.00	25.81 1.23 0.00	26.80 1.35 0.00	29.20 1.44 0.00	31.21 1.49 0.00	32.62 1.47 0.20	34.56 1.66 0.22	36.61 1.75 0.23	39.19 1.74 0.41	40.88 1.89 0.46	42.20 2.01 0.00	47.21 2.23 0.49	52.91 2.80 0.00	50.82 3.06 0.00	44.14 2.81 0.00	39.75 2.56 0.00	36.09 2.39 0.00	33.10 2.13 0.00	30.35 1.75 0.00
DANC__LFGE 323619	26.66 -0.35 0.00	24.60 -0.25 0.00	22.65 -0.39 0.00	21.87 -0.38 0.01	22.06 -0.38 0.00	22.36 -0.36 0.00	24.26 -0.32 0.00	25.02 -0.43 0.00	27.95 -0.58 -0.78	30.30 -0.51 -1.09	31.99 -0.47 -1.11	33.98 -0.46 -1.32	35.75 -0.49 -1.16	39.01 -0.49 -1.65	40.36 -0.47 -1.39	40.98 -0.56 -1.35	47.14 -0.64 -2.31	51.75 -0.65 -2.30	49.10 -0.38 -1.73	42.43 -0.16 -1.26	37.94 -0.07 -0.83	34.46 0.03 -0.73	30.95 -0.15 -0.14	28.51 -0.20 -0.10
DANSKAMMER__1 23586	29.09 2.08 0.00	26.54 1.69 0.00	24.31 1.27 0.00	23.48 1.22 0.00	23.65 1.21 0.00	24.00 1.27 0.00	26.23 1.65 0.00	27.44 1.99 0.00	29.84 2.08 0.00	31.95 2.23 0.00	34.01 2.51 -0.15	35.84 2.55 -0.16	38.07 2.81 -0.17	41.23 3.07 -0.30	42.98 3.19 -0.34	43.49 3.30 0.00	49.74 3.91 -0.36	54.51 4.41 0.00	51.72 3.96 0.00	44.76 3.43 0.00	40.23 3.05 0.00	36.53 2.83 0.00	33.62 2.66 0.00	30.93 2.32 0.00
DANSKAMMER__2 23589	29.09 2.08 0.00	26.54 1.69 0.00	24.31 1.27 0.00	23.48 1.22 0.00	23.65 1.21 0.00	24.00 1.27 0.00	26.23 1.65 0.00	27.44 1.99 0.00	29.84 2.08 0.00	31.95 2.23 0.00	34.01 2.51 -0.15	35.84 2.55 -0.16	38.07 2.81 -0.17	41.23 3.07 -0.30	42.98 3.19 -0.34	43.49 3.30 0.00	49.74 3.91 -0.36	54.51 4.41 0.00	51.72 3.96 0.00	44.76 3.43 0.00	40.23 3.05 0.00	36.53 2.83 0.00	33.62 2.66 0.00	30.93 2.32 0.00
DANSKAMMER__3 23590	29.09 2.08 0.00	26.54 1.69 0.00	24.31 1.27 0.00	23.48 1.22 0.00	23.65 1.21 0.00	24.00 1.27 0.00	26.23 1.65 0.00	27.44 1.99 0.00	29.84 2.08 0.00	31.95 2.23 0.00	34.01 2.51 -0.15	35.84 2.55 -0.16	38.07 2.81 -0.17	41.23 3.07 -0.30	42.98 3.19 -0.34	43.49 3.30 0.00	49.74 3.91 -0.36	54.51 4.41 0.00	51.72 3.96 0.00	44.76 3.43 0.00	40.23 3.05 0.00	36.53 2.83 0.00	33.62 2.66 0.00	30.93 2.32 0.00

DANSKAMMER___4 23591	29.09 2.08 0.00	26.54 1.69 0.00	24.31 1.27 0.00	23.48 1.22 0.00	23.65 1.21 0.00	24.00 1.27 0.00	26.23 1.65 0.00	27.44 1.99 0.00	29.84 2.08 0.00	31.95 2.23 0.00	34.01 2.51 -0.15	35.84 2.55 -0.16	38.07 2.81 -0.17	41.23 3.07 -0.30	42.98 3.19 -0.34	43.49 3.30 0.00	49.74 3.91 -0.36	54.51 4.41 0.00	51.72 3.96 0.00	44.76 3.43 0.00	40.23 3.05 0.00	36.53 2.83 0.00	33.62 2.66 0.00	30.93 2.32 0.00
DANSKAMMER___DIESEL 23592	29.09 2.08 0.00	26.51 1.66 0.00	24.31 1.27 0.00	23.48 1.22 0.00	23.67 1.23 0.00	24.00 1.27 0.00	26.23 1.65 0.00	27.44 1.99 0.00	29.84 2.08 0.00	31.95 2.23 0.00	34.04 2.54 -0.15	35.84 2.55 -0.16	38.10 2.84 -0.17	41.23 3.07 -0.30	42.98 3.20 -0.34	43.49 3.30 0.00	49.74 3.91 -0.36	54.51 4.41 0.00	51.73 3.96 0.00	44.76 3.43 0.00	40.23 3.05 0.00	36.56 2.86 0.00	33.59 2.63 0.00	30.90 2.29 0.00
DARBY___SOLAR 323810	28.44 1.43 0.00	26.09 1.24 0.00	24.03 0.99 0.00	23.22 0.96 0.00	23.38 0.94 0.00	23.70 0.98 0.00	25.74 1.16 0.00	26.73 1.27 0.00	29.14 1.39 0.00	31.12 1.40 0.00	32.58 1.44 0.21	34.49 1.59 0.23	36.53 1.68 0.24	39.10 1.66 0.42	40.79 1.82 0.47	42.16 1.97 0.00	47.15 2.18 0.51	52.76 2.65 0.00	50.68 2.91 0.00	43.98 2.65 0.00	39.56 2.38 0.00	35.92 2.22 0.00	32.95 1.98 0.00	30.24 1.63 0.00
DASHVILLE___HYD 23610	28.96 1.94 0.00	26.37 1.52 0.00	24.17 1.13 0.00	23.35 1.09 0.00	23.56 1.12 0.00	23.86 1.14 0.00	26.03 1.45 0.00	27.21 1.76 0.00	29.56 1.80 0.00	31.65 1.93 0.00	33.84 2.41 -0.08	35.63 2.42 -0.09	37.88 2.70 -0.09	40.93 2.91 -0.16	42.63 3.00 -0.18	43.04 2.85 0.00	49.35 3.68 -0.19	53.96 3.86 0.00	51.20 3.44 0.00	44.27 2.93 0.00	39.82 2.64 0.00	36.26 2.56 0.00	33.35 2.38 0.00	30.73 2.12 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	32.71 3.32 -2.37	31.98 2.73 -4.40	31.31 2.21 -6.06	27.07 2.16 -2.65	27.03 2.18 -2.42	29.84 2.20 -4.90	29.67 2.68 -2.41	31.44 3.16 -2.83	32.55 3.69 -1.10	33.74 4.01 0.00	40.24 4.80 -4.10	52.49 5.07 -14.30	67.93 5.44 -27.40	104.85 5.79 -61.20	131.78 5.76 -86.57	83.58 5.79 -37.60	132.25 6.73 -80.05	132.64 7.67 -74.87	71.22 6.83 -16.63	48.73 6.08 -1.33	42.95 5.28 -0.48	40.72 4.85 -2.18	36.07 4.30 -0.81	35.25 3.75 -2.90
DELAWARE___LFGE 323621	28.12 1.11 0.00	25.77 0.92 0.00	23.69 0.65 0.00	22.91 0.65 0.00	23.11 0.67 0.00	23.43 0.70 0.00	25.49 0.91 0.00	26.45 0.99 0.00	28.93 1.05 -0.12	31.04 1.16 -0.16	32.80 1.29 -0.17	34.75 1.42 -0.20	36.77 1.51 -0.17	39.73 1.63 -0.25	41.43 1.78 -0.21	42.24 1.85 -0.20	47.91 2.09 -0.35	52.65 2.20 -0.34	50.22 2.20 -0.26	43.42 1.90 -0.19	39.02 1.71 -0.12	35.42 1.62 -0.11	32.41 1.42 -0.02	29.85 1.23 -0.01
DERFIELD_115KV_TB7 355931	27.26 0.24 0.00	25.05 0.20 0.00	23.16 0.12 0.00	22.37 0.11 0.00	22.57 0.13 0.00	22.86 0.14 0.00	24.78 0.20 0.00	25.66 0.20 0.00	27.98 0.22 0.00	29.93 0.21 0.00	31.60 0.25 0.00	33.43 0.30 0.00	35.37 0.28 0.00	38.16 0.30 0.00	39.80 0.36 0.00	40.55 0.36 0.00	45.88 0.41 0.00	50.55 0.45 0.00	48.19 0.43 0.00	41.70 0.37 0.00	37.52 0.33 0.00	34.00 0.30 0.00	31.24 0.28 0.00	28.84 0.23 0.00
DOGLEVILLE___HYD 23807	27.66 0.65 0.00	25.45 0.60 0.00	23.48 0.44 0.00	22.70 0.45 0.00	22.89 0.45 0.00	23.23 0.50 0.00	25.20 0.61 0.00	26.04 0.59 0.00	28.36 0.61 0.00	30.38 0.65 0.00	32.07 0.72 0.00	33.96 0.83 0.00	35.93 0.84 0.00	38.76 0.91 0.00	40.51 1.07 0.00	41.23 1.04 0.00	46.61 1.14 0.00	51.26 1.15 0.00	48.81 1.05 0.00	42.16 0.83 0.00	37.81 0.63 0.00	34.30 0.61 0.00	31.49 0.53 0.00	29.09 0.49 0.00
DUNKIRK___115KV_TB_200 55889	27.77 0.76 0.00	25.35 0.50 0.00	23.11 0.07 0.00	22.04 -0.22 0.00	22.01 -0.43 0.00	22.27 -0.45 0.00	24.88 0.30 0.00	25.22 -0.23 0.00	27.87 0.11 0.00	29.81 0.09 0.00	31.47 0.13 0.00	33.59 0.46 0.00	35.82 0.74 0.00	38.77 0.91 0.00	40.36 0.91 0.00	40.80 0.60 0.00	45.65 0.18 0.00	49.40 -0.70 0.00	47.24 -0.53 0.00	40.55 -0.79 0.00	36.77 -0.41 0.00	33.19 -0.51 0.00	30.56 -0.40 0.00	28.64 0.03 0.00
DUNKIRK___1 23563	27.77 0.76 0.00	25.35 0.50 0.00	23.11 0.07 0.00	22.04 -0.22 0.00	22.01 -0.43 0.00	22.27 -0.45 0.00	24.88 0.30 0.00	25.22 -0.23 0.00	27.87 0.11 0.00	29.81 0.09 0.00	31.47 0.13 0.00	33.59 0.46 0.00	35.82 0.74 0.00	38.77 0.91 0.00	40.36 0.91 0.00	40.80 0.60 0.00	45.65 0.18 0.00	49.40 -0.70 0.00	47.24 -0.53 0.00	40.55 -0.79 0.00	36.77 -0.41 0.00	33.19 -0.51 0.00	30.56 -0.40 0.00	28.64 0.03 0.00
DUNKIRK___2 23564	27.77 0.76 0.00	25.35 0.50 0.00	23.11 0.07 0.00	22.04 -0.22 0.00	22.01 -0.43 0.00	22.27 -0.45 0.00	24.88 0.30 0.00	25.22 -0.23 0.00	27.87 0.11 0.00	29.81 0.09 0.00	31.47 0.13 0.00	33.59 0.46 0.00	35.82 0.74 0.00	38.77 0.91 0.00	40.36 0.91 0.00	40.80 0.60 0.00	45.65 0.18 0.00	49.40 -0.70 0.00	47.24 -0.53 0.00	40.55 -0.79 0.00	36.77 -0.41 0.00	33.19 -0.51 0.00	30.56 -0.40 0.00	28.64 0.03 0.00
DUNKIRK___3 23565	27.55 0.54 0.00	25.15 0.30 0.00	22.95 -0.09 0.00	21.88 -0.38 0.00	21.85 -0.58 0.00	22.14 -0.59 0.00	24.71 0.12 0.00	25.02 -0.43 0.00	27.64 -0.11 0.00	29.57 -0.15 0.00	31.19 -0.16 0.00	33.29 0.17 0.00	35.51 0.42 0.00	38.42 0.57 0.00	40.00 0.55 0.00	40.44 0.24 0.00	45.29 -0.18 0.00	49.00 -1.10 0.00	46.91 -0.86 0.00	40.26 -1.07 0.00	36.55 -0.63 0.00	32.99 -0.71 0.00	30.37 -0.59 0.00	28.49 -0.11 0.00
DUNKIRK___4 23566	27.55 0.54 0.00	25.15 0.30 0.00	22.95 -0.09 0.00	21.88 -0.38 0.00	21.85 -0.58 0.00	22.14 -0.59 0.00	24.71 0.12 0.00	25.02 -0.43 0.00	27.64 -0.11 0.00	29.57 -0.15 0.00	31.19 -0.16 0.00	33.29 0.17 0.00	35.51 0.42 0.00	38.42 0.57 0.00	40.00 0.55 0.00	40.44 0.24 0.00	45.29 -0.18 0.00	49.00 -1.10 0.00	46.91 -0.86 0.00	40.26 -1.07 0.00	36.55 -0.63 0.00	32.99 -0.71 0.00	30.37 -0.59 0.00	28.49 -0.11 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	29.17 2.16 0.00	26.51 1.66 0.00	24.29 1.24 0.00	23.46 1.20 0.00	23.67 1.23 0.00	24.00 1.27 0.00	26.31 1.72 0.00	27.57 2.11 0.00	30.11 2.36 0.00	32.25 2.53 0.00	34.43 2.88 -0.20	36.26 2.92 -0.21	38.36 3.05 -0.22	41.47 3.22 -0.39	43.20 3.31 -0.44	43.61 3.42 0.00	50.03 4.09 -0.47	54.71 4.61 0.00	51.82 4.06 0.00	44.84 3.51 0.00	40.38 3.20 0.00	36.66 2.97 0.00	33.75 2.79 0.00	31.04 2.43 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	28.85 1.84 0.00	26.32 1.47 0.00	24.12 1.08 0.00	23.31 1.05 0.00	23.49 1.05 0.00	23.82 1.09 0.00	26.03 1.45 0.00	27.21 1.76 0.00	29.61 1.86 0.00	31.71 1.99 0.00	33.75 2.26 -0.15	35.58 2.29 -0.16	37.75 2.49 -0.17	40.81 2.65 -0.30	42.54 2.76 -0.34	43.04 2.85 0.00	49.24 3.41 -0.36	53.96 3.86 0.00	51.20 3.44 0.00	44.27 2.93 0.00	39.86 2.68 0.00	36.22 2.53 0.00	33.32 2.35 0.00	30.64 2.03 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	29.59 2.57 -0.01	26.85 1.99 -0.01	24.57 1.52 -0.01	23.74 1.47 -0.01	23.93 1.48 -0.01	24.23 1.50 -0.01	26.53 1.94 -0.01	27.72 2.27 0.00	30.25 2.50 0.00	32.42 2.70 0.01	34.64 3.10 -0.19	36.51 3.18 -0.21	38.61 3.30 -0.22	41.70 3.44 -0.39	43.48 3.59 -0.44	43.81 3.62 0.00	52.78 4.37 -2.94	54.86 4.76 0.00	52.01 4.25 0.00	45.01 3.68 0.00	40.49 3.31 0.00	36.86 3.17 0.00	34.13 3.16 -0.01	31.45 2.83 -0.01
E179THST_13_KV_LOAD 356214	29.78 2.76 -0.01	26.99 2.14 -0.01	24.71 1.66 -0.01	23.85 1.58 -0.01	24.06 1.62 -0.01	24.35 1.61 -0.01	26.68 2.09 -0.01	27.90 2.44 0.00	30.42 2.66 0.00	32.63 2.91 0.01	34.83 3.29 -0.19	36.74 3.41 -0.21	38.86 3.54 -0.22	41.96 3.71 -0.39	43.75 3.87 -0.44	44.09 3.90 0.00	53.14 4.73 -2.94	55.26 5.16 0.00	52.35 4.59 0.00	45.30 3.97 0.00	40.79 3.61 0.00	37.10 3.40 0.00	34.34 3.37 -0.01	31.65 3.03 -0.01
EAST HAMPTON___GT 23717	32.81 3.43 -2.37	32.11 2.86 -4.40	31.42 2.33 -6.06	27.20 2.29 -2.65	27.12 2.27 -2.42	29.97 2.34 -4.90	29.80 2.80 -2.41	31.59 3.31 -2.83	32.80 3.94 -1.10	34.12 4.40 0.00	40.75 5.30 -4.10	53.13 5.70 -14.30	68.56 6.07 -27.40	105.54 6.47 -61.21	132.54 6.51 -86.59	84.19 6.39 -37.61	132.99 7.46 -80.07	133.40 8.42 -74.89	71.94 7.54 -16.63	49.31 6.66 -1.33	43.47 5.80 -0.48	41.10 5.22 -2.18	36.32 4.55 -0.81	35.43 3.92 -2.90
EAST RIVER___6 23660	29.47 2.46 0.00	26.74 1.89 0.00	24.45 1.41 0.00	23.60 1.34 0.00	23.69 1.26 0.00	24.07 1.34 0.00	26.43 1.84 0.00	27.77 2.32 0.00	30.34 2.58 0.00	32.52 2.79 0.00	34.74 3.20 -0.20	36.62 3.28 -0.21	38.71 3.40 -0.22	41.89 3.63 -0.39	43.59 3.71 -0.44	43.97 3.78 0.00	52.96 4.64 -2.86	55.22 5.11 0.00	52.25 4.49 0.00	45.22 3.88 0.00	40.72 3.53 0.00	37.00 3.30 0.00	34.09 3.13 0.00	31.36 2.75 0.00
EAST RIVER___7 23524	29.47 2.46 0.00	26.74 1.89 0.00	24.45 1.41 0.00	23.60 1.34 0.00	23.69 1.26 0.00	24.07 1.34 0.00	26.43 1.84 0.00	27.77 2.32 0.00	30.34 2.58 0.00	32.52 2.79 0.00	34.74 3.20 -0.20	36.62 3.28 -0.21	38.71 3.40 -0.22	41.89 3.63 -0.39	43.59 3.71 -0.44	43.97 3.78 0.00	52.96 4.64 -2.86	55.22 5.11 0.00	52.25 4.49 0.00	45.22 3.88 0.00	40.72 3.53 0.00	37.00 3.30 0.00	34.09 3.13 0.00	31.36 2.75 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	29.09 2.08 0.00	26.47 1.62 0.00	24.24 1.20 0.00	23.44 1.18 0.00	23.63 1.19 0.00	23.93 1.20 0.00	26.23 1.65 0.00	27.49 2.04 0.00	30.00 2.25 0.00	32.16 2.44 0.00	34.30 2.76 -0.20	36.16 2.82 -0.21	38.26 2.95 -0.22	41.35 3.10 -0.39	43.08 3.20 -0.44	43.45 3.26 0.00	49.85 3.91 -0.47	54.51 4.41 0.00	51.63 3.87 0.00	44.68 3.35 0.00	40.23 3.05 0.00	36.56 2.86 0.00	33.62 2.66 0.00	30.95 2.35 0.00
EAST_HAMPTON___DIESEL 23722	32.76 3.38 -2.37	32.08 2.83 -4.40	31.40 2.30 -6.06	27.18 2.27 -2.65	27.10 2.24 -2.42	29.95 2.32 -4.90	29.77 2.78 -2.41	31.57 3.28 -2.83	32.77 3.91 -1.10	34.12 4.40 0.00	40.75 5.30 -4.10	53.13 5.70 -14.30	68.56 6.07 -27.40	105.51 6.44 -61.21	132.51 6.47 -86.59	84.19 6.39 -37.61	132.95 7.41 -80.07	133.36 8.37 -74.89	71.89 7.50 -16.63	49.27 6.61 -1.33	43.43 5.76 -0.48	41.06 5.19 -2.18	36.29 4.52 -0.81	35.40 3.89 -2.90
EAST_POINT___SOLAR 323840	29.53 2.51 0.00	27.13 2.28 0.00	24.86 1.82 0.00	24.00 1.74 0.00	24.17 1.73 0.00	24.50 1.77 0.00	26.45 1.87 0.00	26.70 1.25 0.00	28.70 0.94 0.00	30.53 0.80 0.00	32.14 0.91 0.12	34.06 1.06 0.13	36.14 1.19 0.14	38.79 1.17 0.24	40.63 1.46 0.27	41.92 1.73 0.00	47.32 2.14 0.29	53.71 3.61 0.00	52.58 4.82 0.00	46.00 4.67 0.00	41.57 4.39 0.00	37.67 3.97 0.00	34.37 3.41 0.00	31.53 2.92 0.00
EAST_PULASKI___ESR 323781	26.69 -0.32 0.00	24.63 -0.22 0.00	22.70 -0.34 0.00	21.87 -0.38 0.01	22.06 -0.38 0.00	22.34 -0.39 0.00	24.26 -0.32 0.00	25.02 -0.43 0.00	28.38 -0.50 -1.12	30.83 -0.45 -1.55	32.53 -0.41 -1.60	34.62 -0.40 -1.89	36.36 -0.39 -1.66	39.87 -0.34 -2.36	40.96 -0.47 -1.99	41.56 -0.56 -1.93	48.09 -0.68 -3.31	52.59 -0.80 -3.29	49.61 -0.62 -2.47	42.69 -0.45 -1.81	38.15 -0.22 -1.19	34.61 -0.13 -1.05	30.97 -0.18 -0.20	28.52 -0.23 -0.14
EAST_RIVER___1 323558	29.42 2.40 0.00	26.71 1.86 0.00	24.42 1.38 0.00	23.57 1.31 0.00	23.72 1.28 0.00	24.09 1.36 0.00	26.45 1.87 0.00	27.74 2.29 0.00	30.31 2.55 0.00	32.49 2.76 0.00	34.68 3.13 -0.20	36.59 3.25 -0.21	38.68 3.37 -0.22	41.81 3.56 -0.39	43.56 3.67 -0.44	43.93 3.74 0.00	52.83 4.50 -2.86	55.16 5.06 0.00	52.20 4.44 0.00	45.13 3.80 0.00	40.64 3.46 0.00	36.90 3.20 0.00	34.03 3.07 0.00	31.30 2.69 0.00
EAST_RIVER___2 323559	29.47 2.46 0.00	26.74 1.89 0.00	24.45 1.41 0.00	23.60 1.34 0.00	23.69 1.26 0.00	24.07 1.34 0.00	26.43 1.84 0.00	27.77 2.32 0.00	30.34 2.58 0.00	32.52 2.79 0.00	34.74 3.20 -0.20	36.62 3.28 -0.21	38.71 3.40 -0.22	41.89 3.63 -0.39	43.59 3.71 -0.44	43.97 3.78 0.00	52.96 4.64 -2.86	55.22 5.11 0.00	52.25 4.49 0.00	45.22 3.88 0.00	40.72 3.53 0.00	37.00 3.30 0.00	34.09 3.13 0.00	31.36 2.75 0.00
EAST___DELAWARE_HYD 23607	28.20 1.19 0.00	25.74 0.89 0.00	23.57 0.53 0.00	22.79 0.53 0.00	22.93 0.49 0.00	23.30 0.57 0.00	25.42 0.84 0.00	26.57 1.12 0.00	28.81 1.05 0.00	30.88 1.16 0.00	32.84 1.38 -0.11	34.64 1.39 -0.12	36.80 1.58 -0.13	38.84 0.76 -0.23	40.53 0.83 -0.25	41.12 0.93 0.00	47.06 1.32 -0.27	51.71 1.60 0.00	49.10 1.34 0.00	42.49 1.16 0.00	38.19 1.00 0.00	35.55 1.85 0.00	32.63 1.67 0.00	30.01 1.40 0.00
EIGHT_POINT___WT_PWR 323820	28.01 1.00 0.00	25.59 0.74 0.00	23.39 0.35 0.00	22.35 0.09 0.00	22.55 0.11 0.00	22.77 0.05 0.00	25.25 0.66 0.00	25.81 0.36 0.00	28.54 0.64 -0.15	30.52 0.59 -0.20	32.28 0.72 -0.21	34.34 0.96 -0.25	36.46 1.16 -0.22	39.41 1.25 -0.31	41.01 1.30 -0.26	41.53 1.09 -0.25	46.81 0.91 -0.43	50.88 0.35 -0.43	48.66 0.58 -0.32	41.82 0.25 -0.24	37.75 0.41 -0.16	34.14 0.30 -0.14	31.17 0.19 -0.03	28.94 0.32 -0.02
ELBRIDGE_115KV_TB2 80188	27.01 0.00 0.00	24.87 0.02 0.00	22.93 -0.12 0.00	22.08 -0.18 0.00	22.24 -0.20 0.00	22.52 -0.20 0.00	24.56 -0.02 0.00	25.35 -0.10 0.00	28.42 -0.08 -0.75	30.70 -0.06 -1.03	32.38 -0.03 -1.06	34.45 0.07 -1.26	36.30 0.11 -1.10	39.65 0.23 -1.57	40.97 0.20 -1.32	41.64 0.16 -1.28	47.81 0.14 -2.20	52.24 -0.05 -2.19	49.41 0.00 -1.64	42.50 -0.04 -1.21	38.01 0.04 -0.79	34.43 0.03 -0.70	31.12 0.03 -0.13	28.73 0.03 -0.09
ELEC_TRO_TEK 24086	31.90 2.51 -2.37	31.24 1.99 -4.40	30.66 1.57 -6.06	26.42 1.51 -2.65	26.38 1.53 -2.42	29.18 1.55 -4.90	29.01 2.02 -2.41	30.70 2.42 -2.83	31.55 2.69 -1.10	32.61 2.88 0.00	38.01 3.29 -3.37	39.42 3.38 -2.91	42.28 3.54 -3.65	41.96 3.71 -0.39	44.58 3.67 -1.47	43.93 3.74 0.00	50.35 4.41 -0.47	55.11 5.01 0.00	52.16 4.39 0.00	45.22 3.89 0.00	40.72 3.53 0.00	38.86 3.40 -1.76	34.96 3.19 -0.81	34.31 2.80 -2.90

ELLENBURG_WT_PWR 323604	26.53 -0.49 0.00	24.50 -0.35 0.00	22.99 -0.05 0.00	22.24 -0.02 0.00	22.46 0.02 0.00	22.80 0.07 0.00	24.46 -0.12 0.00	25.30 -0.15 0.00	27.67 -0.08 0.00	29.63 -0.09 0.00	31.16 -0.19 0.00	32.90 -0.23 0.00	34.84 -0.24 0.00	37.55 -0.30 0.00	39.09 -0.36 0.00	39.87 -0.32 0.00	45.10 -0.37 0.00	49.80 -0.30 0.00	47.38 -0.38 0.00	40.84 -0.49 0.00	36.70 -0.48 0.00	32.99 -0.71 0.00	30.13 -0.83 0.00	27.92 -0.69 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	27.15 0.14 0.00	24.80 -0.05 0.00	22.65 -0.39 0.00	21.57 -0.69 0.00	21.54 -0.90 0.00	21.82 -0.91 0.00	24.39 -0.20 0.00	24.64 -0.81 0.00	27.20 -0.56 0.00	29.04 -0.68 0.00	30.66 -0.69 0.00	32.70 -0.43 0.00	34.88 -0.21 0.00	37.74 -0.11 0.00	39.29 -0.16 0.00	39.67 -0.52 0.00	44.42 -1.05 0.00	48.00 -2.10 0.00	46.04 -1.72 0.00	39.55 -1.78 0.00	35.96 -1.23 0.00	32.42 -1.28 0.00	29.94 -1.02 0.00	28.18 -0.43 0.00
EMPIRE_CC_1 323656	27.71 0.70 0.00	25.45 0.60 0.00	23.53 0.48 0.00	22.77 0.51 0.00	22.95 0.52 0.00	23.23 0.50 0.00	25.22 0.64 0.00	26.16 0.71 0.00	28.42 0.67 0.00	30.38 0.65 0.00	31.74 0.72 0.33	33.50 0.73 0.36	35.34 0.63 0.38	37.83 0.64 0.67	39.41 0.71 0.75	40.95 0.76 0.00	45.54 0.86 0.79	51.26 1.15 0.00	48.96 1.19 0.00	42.49 1.16 0.00	38.11 0.93 0.00	34.64 0.94 0.00	31.95 0.99 0.00	29.38 0.77 0.00
EMPIRE_CC_2 323658	27.71 0.70 0.00	25.45 0.60 0.00	23.53 0.48 0.00	22.77 0.51 0.00	22.95 0.52 0.00	23.23 0.50 0.00	25.22 0.64 0.00	26.16 0.71 0.00	28.42 0.67 0.00	30.38 0.65 0.00	31.74 0.72 0.33	33.50 0.73 0.36	35.34 0.63 0.38	37.83 0.64 0.67	39.41 0.71 0.75	40.95 0.76 0.00	45.54 0.86 0.79	51.26 1.15 0.00	48.96 1.19 0.00	42.49 1.16 0.00	38.11 0.93 0.00	34.64 0.94 0.00	31.95 0.99 0.00	29.38 0.77 0.00
ENORWICH_115KV_TB1 80156	29.42 2.40 0.00	27.04 2.19 0.00	24.70 1.66 0.00	23.82 1.56 0.00	23.94 1.50 0.00	24.45 1.73 0.00	26.77 2.19 0.00	27.57 2.11 0.00	30.08 2.05 -0.27	32.30 2.20 -0.38	34.06 2.32 -0.39	36.30 2.72 -0.46	38.44 2.95 -0.40	41.76 3.33 -0.58	43.84 3.91 -0.49	44.72 4.06 -0.47	50.87 4.59 -0.81	55.86 4.96 -0.80	53.48 5.11 -0.60	46.20 4.42 -0.44	41.34 3.87 -0.29	37.49 3.54 -0.26	33.86 2.85 -0.05	31.22 2.57 -0.03
ERIE_ST_34_KV_TB1-2 80199	27.39 0.38 0.00	25.02 0.17 0.00	22.81 -0.23 0.00	21.75 -0.51 0.00	21.72 -0.72 0.00	22.00 -0.73 0.00	24.58 0.00 0.00	24.89 -0.56 0.00	27.50 -0.25 0.00	29.43 -0.30 0.00	31.06 -0.28 0.00	33.19 0.07 0.00	35.44 0.35 0.00	38.42 0.57 0.00	40.00 0.55 0.00	40.48 0.28 0.00	45.29 -0.18 0.00	48.95 -1.15 0.00	46.86 -0.91 0.00	40.22 -1.12 0.00	36.44 -0.74 0.00	32.85 -0.84 0.00	30.31 -0.65 0.00	28.47 -0.14 0.00
ERIE_WT_PWR 323693	27.34 0.33 0.00	24.97 0.12 0.00	22.79 -0.25 0.00	21.70 -0.56 0.00	21.88 -0.56 0.00	22.00 -0.73 0.00	24.54 -0.05 0.00	24.82 -0.64 0.00	27.48 -0.28 0.00	29.31 -0.42 0.00	31.06 -0.28 0.00	33.03 -0.10 0.00	35.30 0.21 0.00	38.09 0.23 0.00	39.73 0.28 -0.01	40.08 -0.12 -0.01	44.84 -0.64 -0.01	48.50 -1.61 0.00	46.48 -1.29 -0.01	39.88 -1.45 0.00	36.25 -0.93 0.00	32.75 -0.94 0.00	30.19 -0.77 0.00	28.38 -0.23 0.00
ESPRGFLD_115KV_TB1 80157	28.85 1.84 0.00	26.47 1.62 0.00	24.26 1.22 0.00	23.42 1.16 0.00	23.63 1.19 0.00	24.00 1.27 0.00	26.16 1.57 0.00	26.95 1.50 0.00	29.28 1.53 0.00	31.33 1.61 0.00	33.06 1.79 0.08	35.07 2.02 0.08	37.18 2.18 0.09	40.05 2.35 0.15	41.92 2.64 0.17	42.96 2.77 0.00	48.42 3.14 0.18	53.81 3.71 0.00	51.68 3.92 0.00	44.80 3.47 0.00	40.34 3.16 0.00	36.56 2.86 0.00	33.38 2.42 0.00	30.70 2.09 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	27.88 0.86 0.00	25.62 0.77 0.00	23.52 0.48 0.00	22.64 0.38 0.00	22.80 0.36 0.00	23.11 0.39 0.00	25.30 0.71 0.00	26.11 0.66 0.00	28.86 0.72 -0.38	30.99 0.74 -0.53	32.67 0.78 -0.54	34.70 0.93 -0.64	36.74 1.09 -0.56	39.91 1.25 -0.80	41.50 1.38 -0.67	42.25 1.41 -0.65	48.13 1.55 -1.12	52.77 1.55 -1.11	50.27 1.67 -0.84	43.35 1.41 -0.61	38.93 1.34 -0.40	35.26 1.21 -0.36	32.08 1.05 -0.07	29.60 0.94 -0.05
ETNA____115KV_TB2 80207	27.88 0.86 0.00	25.62 0.77 0.00	23.52 0.48 0.00	22.64 0.38 0.00	22.80 0.36 0.00	23.11 0.39 0.00	25.30 0.71 0.00	26.11 0.66 0.00	28.86 0.72 -0.38	30.99 0.74 -0.53	32.67 0.78 -0.54	34.70 0.93 -0.64	36.74 1.09 -0.56	39.91 1.25 -0.80	41.50 1.38 -0.67	42.25 1.41 -0.65	48.13 1.55 -1.12	52.77 1.55 -1.11	50.27 1.67 -0.84	43.35 1.41 -0.61	38.93 1.34 -0.40	35.26 1.21 -0.36	32.08 1.05 -0.07	29.60 0.94 -0.05
EUCLID____115KV_TB2 356179	26.80 -0.22 0.00	24.70 -0.15 0.00	22.76 -0.28 0.00	21.95 -0.31 0.00	22.10 -0.34 0.00	22.39 -0.34 0.00	24.39 -0.20 0.00	25.17 -0.28 0.00	27.80 -0.28 -0.32	29.90 -0.27 -0.45	31.59 -0.22 -0.46	33.47 -0.20 -0.54	35.39 -0.18 -0.48	38.42 -0.11 -0.68	39.90 -0.12 -0.57	40.58 -0.16 -0.55	46.19 -0.23 -0.95	50.59 -0.45 -0.94	48.09 -0.38 -0.71	41.48 -0.37 -0.52	37.27 -0.26 -0.34	33.73 -0.27 -0.30	30.80 -0.22 -0.06	28.45 -0.20 -0.04
E_CANADA_CAP_HY 24051	29.23 2.22 0.00	26.84 1.99 0.00	24.61 1.57 0.00	23.75 1.49 0.00	23.94 1.50 0.00	24.32 1.59 0.00	26.40 1.82 0.00	27.08 1.63 0.00	29.34 1.58 0.00	31.27 1.54 0.00	32.93 1.69 0.11	34.93 1.92 0.12	37.03 2.07 0.13	39.83 2.19 0.22	41.68 2.49 0.25	42.88 2.69 0.00	48.25 3.05 0.26	54.11 4.01 0.00	52.30 4.54 0.00	45.46 4.13 0.00	41.01 3.83 0.00	37.17 3.47 0.00	33.96 3.00 0.00	31.15 2.55 0.00
E_CANADA_MHWK_HY 24050	27.66 0.65 0.00	25.45 0.60 0.00	23.48 0.44 0.00	22.70 0.45 0.00	22.89 0.45 0.00	23.23 0.50 0.00	25.20 0.61 0.00	26.04 0.59 0.00	28.36 0.61 0.00	30.38 0.65 0.00	32.07 0.72 0.00	33.96 0.83 0.00	35.93 0.84 0.00	38.76 0.91 0.00	40.51 1.07 0.00	41.23 1.04 0.00	46.61 1.14 0.00	51.26 1.15 0.00	48.81 1.05 0.00	42.16 0.83 0.00	37.81 0.63 0.00	34.30 0.61 0.00	31.49 0.53 0.00	29.09 0.49 0.00
E_FISHKILL____LBMP 23776	28.77 1.76 0.00	26.19 1.34 0.00	24.05 1.01 0.00	23.24 0.98 0.00	23.45 1.01 0.00	23.75 1.02 0.00	25.96 1.38 0.00	27.16 1.71 0.00	29.61 1.86 0.00	31.71 1.99 0.00	33.81 2.26 -0.20	35.63 2.29 -0.22	37.70 2.39 -0.23	40.80 2.54 -0.41	42.50 2.60 -0.45	42.84 2.65 0.00	49.14 3.18 -0.48	53.76 3.66 0.00	51.01 3.25 0.00	44.14 2.81 0.00	39.71 2.53 0.00	36.09 2.39 0.00	33.22 2.26 0.00	30.55 1.95 0.00
FALCON____SEABRD_CC1 323796	26.85 -0.16 0.00	24.80 -0.05 0.00	23.27 0.23 0.00	22.51 0.25 0.00	22.75 0.31 0.00	23.07 0.34 0.00	24.78 0.20 0.00	25.66 0.20 0.00	28.06 0.31 0.00	30.08 0.36 0.00	31.60 0.25 0.00	33.36 0.23 0.00	35.37 0.28 0.00	38.09 0.23 0.00	39.64 0.20 0.00	40.47 0.28 0.00	45.74 0.27 0.00	50.55 0.45 0.00	48.00 0.24 0.00	41.41 0.08 0.00	37.18 0.00 0.00	33.39 -0.30 0.00	30.50 -0.46 0.00	28.27 -0.34 0.00

FALCON___SEABRD_CC2 323797	26.85 -0.16 0.00	24.80 -0.05 0.00	23.27 0.23 0.00	22.51 0.25 0.00	22.75 0.31 0.00	23.07 0.34 0.00	24.78 0.20 0.00	25.66 0.20 0.00	28.06 0.31 0.00	30.08 0.36 0.00	31.60 0.25 0.00	33.36 0.23 0.00	35.37 0.28 0.00	38.09 0.23 0.00	39.64 0.20 0.00	40.47 0.28 0.00	45.74 0.27 0.00	50.55 0.45 0.00	48.00 0.24 0.00	41.41 0.08 0.00	37.18 0.00 0.00	33.39 -0.30 0.00	30.50 -0.46 0.00	28.27 -0.34 0.00
FAR ROCKAWAY___4 23548	32.35 2.97 -2.37	31.66 2.41 -4.40	31.01 1.91 -6.06	26.73 1.83 -2.65	26.67 1.82 -2.42	29.52 1.89 -4.90	29.36 2.36 -2.41	31.06 2.77 -2.83	31.99 3.14 -1.10	33.11 3.39 0.00	38.63 3.92 -3.37	40.11 4.07 -2.91	43.01 4.28 -3.65	42.83 4.58 -0.39	45.10 4.18 -1.47	44.41 4.22 0.00	50.94 5.00 -0.47	55.82 5.71 0.00	52.83 5.06 0.00	45.80 4.46 0.00	41.20 4.02 0.00	39.60 4.14 -1.76	35.58 3.81 -0.81	34.88 3.38 -2.90
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	29.42 2.40 0.00	26.66 1.81 0.00	24.42 1.38 0.00	23.60 1.34 0.00	23.78 1.35 0.00	24.11 1.39 0.00	26.45 1.87 0.00	27.77 2.32 0.00	30.34 2.58 0.00	32.52 2.79 0.00	34.74 3.20 -0.20	36.59 3.25 -0.21	38.71 3.40 -0.22	41.85 3.60 -0.39	43.60 3.71 -0.44	43.93 3.74 0.00	52.89 4.55 -2.87	55.21 5.11 0.00	52.25 4.49 0.00	45.13 3.80 0.00	40.64 3.46 0.00	36.93 3.23 0.00	34.03 3.07 0.00	31.30 2.69 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	29.44 2.43 0.00	26.69 1.84 0.00	24.42 1.38 0.00	23.60 1.34 0.00	23.78 1.35 0.00	24.11 1.39 0.00	26.45 1.87 0.00	27.77 2.32 0.00	30.34 2.58 0.00	32.52 2.79 0.00	34.74 3.20 -0.20	36.59 3.25 -0.21	38.71 3.40 -0.22	41.85 3.60 -0.39	43.60 3.71 -0.44	43.97 3.78 0.00	52.89 4.55 -2.87	55.21 5.11 0.00	52.25 4.49 0.00	45.18 3.84 0.00	40.68 3.50 0.00	36.96 3.27 0.00	34.03 3.07 0.00	31.33 2.72 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	29.39 2.38 0.00	26.66 1.81 0.00	24.40 1.36 0.00	23.57 1.31 0.00	23.76 1.32 0.00	24.09 1.36 0.00	26.45 1.87 0.00	27.74 2.29 0.00	30.34 2.58 0.00	32.49 2.76 0.00	34.71 3.17 -0.20	36.59 3.25 -0.21	38.68 3.37 -0.22	41.81 3.56 -0.39	43.56 3.67 -0.44	43.93 3.74 0.00	52.84 4.50 -2.87	55.16 5.06 0.00	52.20 4.44 0.00	45.09 3.76 0.00	40.60 3.42 0.00	36.90 3.20 0.00	34.00 3.03 0.00	31.30 2.69 0.00
FARRAGUT___LBMP 323566	29.39 2.38 0.00	26.64 1.79 0.00	24.40 1.36 0.00	23.57 1.31 0.00	23.74 1.30 0.00	24.07 1.34 0.00	26.43 1.84 0.00	27.72 2.27 0.00	30.28 2.53 0.00	32.46 2.73 0.00	34.68 3.13 -0.20	36.52 3.18 -0.21	38.64 3.33 -0.22	41.73 3.48 -0.39	43.52 3.63 -0.44	43.85 3.66 0.00	52.75 4.41 -2.87	55.06 4.96 0.00	52.16 4.39 0.00	45.05 3.72 0.00	40.57 3.38 0.00	36.90 3.20 0.00	33.97 3.00 0.00	31.27 2.66 0.00
FENNER___WINDPWR 24204	27.77 0.76 0.00	25.54 0.69 0.00	23.53 0.48 0.00	22.70 0.45 0.00	22.86 0.43 0.00	23.20 0.48 0.00	25.25 0.66 0.00	26.11 0.66 0.00	28.74 0.69 -0.29	30.86 0.74 -0.40	32.60 0.85 -0.41	34.60 0.99 -0.48	36.56 1.05 -0.42	39.67 1.21 -0.60	41.37 1.42 -0.51	42.09 1.41 -0.49	47.91 1.59 -0.85	52.59 1.65 -0.84	50.07 1.67 -0.63	43.24 1.45 -0.46	38.79 1.30 -0.31	35.18 1.21 -0.27	32.00 0.99 -0.05	29.50 0.86 -0.04
FIBERTEK___ENERGY 23856	27.12 0.11 0.00	24.97 0.12 0.00	23.02 -0.02 0.00	22.17 -0.09 0.00	22.33 -0.11 0.00	22.61 -0.11 0.00	24.66 0.07 0.00	25.45 0.00 0.00	28.51 0.06 -0.70	30.82 0.12 -0.98	32.51 0.16 -1.00	34.55 0.23 -1.19	36.45 0.32 -1.04	39.76 0.42 -1.48	41.09 0.39 -1.25	41.81 0.40 -1.21	47.91 0.36 -2.08	52.42 0.25 -2.06	49.55 0.24 -1.55	42.63 0.17 -1.14	38.16 0.22 -0.75	34.56 0.20 -0.66	31.27 0.19 -0.12	28.87 0.17 -0.09
FITZPATRICK____ 23598	26.34 -0.67 0.00	24.30 -0.55 0.00	22.44 -0.60 0.00	21.64 -0.62 0.00	21.83 -0.60 0.00	22.09 -0.64 0.00	24.02 -0.56 0.00	24.74 -0.71 0.00	23.10 -0.75 3.91	23.50 -0.80 5.42	25.00 -0.78 5.56	25.70 -0.83 6.60	28.50 -0.81 5.78	28.80 -0.83 8.23	31.60 -0.91 6.94	32.50 -0.96 6.73	32.80 -1.13 11.53	37.30 -1.35 11.45	37.90 -1.24 8.62	33.90 -1.11 6.32	32.09 -0.93 4.16	29.19 -0.84 3.66	29.50 -0.77 0.69	27.40 -0.71 0.49
FLOWRFLD_69_KV_BK1 356044	32.33 2.94 -2.37	31.64 2.39 -4.40	31.01 1.91 -6.06	26.78 1.87 -2.65	26.74 1.88 -2.42	29.54 1.91 -4.90	29.40 2.41 -2.41	31.11 2.83 -2.83	32.02 3.16 -1.10	33.05 3.33 0.00	39.37 3.70 -4.32	48.77 3.68 -11.96	74.39 3.93 -35.37	123.74 4.16 -81.72	158.83 4.10 -115.28	94.62 4.14 -50.29	157.28 4.91 -106.90	155.85 5.61 -100.13	74.92 4.92 -22.24	47.53 4.42 -1.78	41.96 4.13 -0.65	39.63 3.84 -2.09	35.39 3.62 -0.81	34.71 3.20 -2.90
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	29.17 2.16 0.00	26.56 1.71 0.00	24.35 1.31 0.00	23.53 1.27 0.00	23.72 1.28 0.00	24.04 1.32 0.00	26.28 1.70 0.00	27.51 2.06 0.00	29.89 2.14 0.00	32.01 2.29 0.00	34.10 2.60 -0.15	35.91 2.62 -0.17	38.18 2.91 -0.18	41.35 3.18 -0.31	43.11 3.31 -0.35	43.61 3.42 0.00	49.89 4.05 -0.37	54.66 4.56 0.00	51.87 4.11 0.00	44.84 3.51 0.00	40.34 3.16 0.00	36.63 2.93 0.00	33.69 2.72 0.00	30.98 2.37 0.00
FORT ORANGE____ 23900	27.82 0.81 0.00	25.54 0.69 0.00	23.59 0.55 0.00	22.84 0.58 0.00	23.02 0.58 0.00	23.30 0.57 0.00	25.30 0.71 0.00	26.29 0.84 0.00	28.48 0.72 0.00	30.43 0.71 0.00	32.00 0.81 0.16	33.78 0.83 0.17	35.64 0.74 0.18	38.33 0.80 0.32	39.96 0.87 0.36	41.07 0.88 0.00	46.18 1.09 0.38	51.50 1.40 0.00	49.19 1.43 0.00	42.69 1.36 0.00	38.34 1.15 0.00	34.81 1.11 0.00	32.14 1.18 0.00	29.55 0.94 0.00
FORT_DRUM_COGEN 23780	26.64 -0.38 0.00	24.55 -0.30 0.00	22.63 -0.41 0.00	21.86 -0.38 0.02	22.03 -0.40 0.00	22.43 -0.30 0.00	24.34 -0.25 0.00	25.07 -0.38 0.00	27.71 -0.61 -0.56	29.97 -0.54 -0.80	31.58 -0.56 -0.95	33.51 -0.56 -0.83	35.32 -0.60 -0.83	38.43 -0.61 -1.18	39.93 -0.51 -1.00	40.60 -0.56 -0.97	46.54 -0.59 -1.66	51.25 -0.50 -1.65	48.91 -0.10 -1.24	42.45 0.21 -0.91	38.00 0.22 -0.60	34.53 0.30 -0.53	30.97 -0.09 -0.10	28.51 -0.17 -0.07
FOX_HILLS___ESR 323835	29.60 2.57 -0.02	26.90 2.04 -0.01	24.64 1.59 -0.01	23.80 1.54 -0.01	23.99 1.55 -0.01	24.33 1.59 -0.01	26.63 2.04 -0.01	27.87 2.42 0.00	30.36 2.61 0.00	41.57 2.88 -8.96	38.85 3.23 -4.27	40.81 3.38 -4.31	38.82 3.51 -0.22	41.96 3.71 -0.39	43.79 3.91 -0.44	44.09 3.90 0.00	66.40 4.77 -16.15	62.94 5.21 -7.62	62.97 4.63 -10.58	93.53 4.01 -48.19	63.07 3.64 -22.24	39.34 3.40 -2.24	38.76 3.19 -4.61	31.40 2.78 -0.02
FPL FAR_ROCK_GT1 24212	32.35 2.97 -2.37	31.69 2.44 -4.40	31.01 1.91 -6.06	26.71 1.80 -2.65	26.63 1.77 -2.42	29.50 1.86 -4.90	29.36 2.36 -2.41	31.06 2.77 -2.83	31.99 3.14 -1.10	33.14 3.42 0.00	38.60 3.89 -3.37	40.11 4.07 -2.91	42.98 4.24 -3.65	42.79 4.54 -0.39	45.53 4.61 -1.47	44.41 4.22 0.00	50.94 5.00 -0.47	55.76 5.66 0.00	52.82 5.06 0.00	45.76 4.42 0.00	41.24 4.05 0.00	39.60 4.14 -1.76	35.58 3.81 -0.81	34.88 3.37 -2.90



FPL FAR_ROCK_GT2 23815	32.35 2.97 -2.37	31.69 2.44 -4.40	31.01 1.91 -6.06	26.71 1.80 -2.65	26.63 1.77 -2.42	29.50 1.86 -4.90	29.36 2.36 -2.41	31.06 2.77 -2.83	31.99 3.14 -1.10	33.14 3.42 0.00	38.60 3.89 -3.37	40.11 4.07 -2.91	42.98 4.24 -3.65	42.79 4.54 -0.39	45.53 4.61 -1.47	44.41 4.22 0.00	50.94 5.00 -0.47	55.76 5.66 0.00	52.82 5.06 0.00	45.76 4.42 0.00	41.24 4.05 0.00	39.60 4.14 -1.76	35.58 3.81 -0.81	34.88 3.37 -2.90
FRANKLIN_FALL_HYD 24054	26.39 -0.62 0.00	24.40 -0.45 0.00	22.90 -0.14 0.00	22.14 -0.09 0.03	22.37 -0.07 0.00	22.70 -0.02 0.00	24.36 -0.22 0.00	25.22 -0.23 0.00	27.62 -0.14 0.00	29.60 -0.12 0.00	31.13 -0.22 0.00	32.83 -0.30 0.00	34.77 -0.32 0.00	37.44 -0.42 0.00	39.01 -0.43 0.00	39.83 -0.36 0.00	45.01 -0.45 0.00	49.80 -0.30 0.00	47.33 -0.43 0.00	40.88 -0.45 0.00	36.74 -0.45 0.00	32.99 -0.71 0.00	30.09 -0.87 0.00	27.89 -0.72 0.00
FREEPORT_EQUS_GT1 23764	32.17 2.78 -2.37	31.49 2.24 -4.40	30.85 1.75 -6.06	26.58 1.67 -2.65	26.49 1.64 -2.42	29.36 1.73 -4.90	29.21 2.21 -2.41	30.91 2.62 -2.83	31.77 2.91 -1.10	32.87 3.15 0.00	38.29 3.57 -3.37	39.71 3.68 -2.91	42.59 3.86 -3.65	42.38 4.13 -0.39	44.90 3.98 -1.47	44.17 3.98 0.00	50.67 4.73 -0.47	55.47 5.36 0.00	52.49 4.73 0.00	45.50 4.17 0.00	41.20 4.02 0.00	39.23 3.77 -1.76	35.30 3.53 -0.81	34.60 3.09 -2.90
FREEPORT___CT2 23818	32.17 2.78 -2.37	31.49 2.24 -4.40	30.85 1.75 -6.06	26.58 1.67 -2.65	26.49 1.64 -2.42	29.36 1.73 -4.90	29.21 2.21 -2.41	30.91 2.62 -2.83	31.77 2.91 -1.10	32.87 3.15 0.00	38.29 3.57 -3.37	39.71 3.68 -2.91	42.59 3.86 -3.65	42.38 4.13 -0.39	44.90 3.98 -1.47	44.17 3.98 0.00	50.67 4.73 -0.47	55.47 5.36 0.00	52.49 4.73 0.00	45.50 4.17 0.00	41.20 4.02 0.00	39.23 3.77 -1.76	35.30 3.53 -0.81	34.60 3.09 -2.90
FRESHKLS_33_KV_LOAD 356253	29.57 2.54 -0.02	26.92 2.06 -0.01	24.68 1.64 -0.01	23.85 1.58 -0.01	24.04 1.59 -0.01	24.35 1.61 -0.01	26.63 2.04 -0.01	27.85 2.39 0.00	30.30 2.55 0.01	36.48 2.82 -3.93	36.49 3.17 -1.97	37.93 3.35 -1.46	38.78 3.47 -0.22	41.92 3.67 -0.39	43.75 3.87 -0.43	44.08 3.90 0.01	59.94 4.77 -9.70	59.21 5.21 -3.90	57.80 4.63 -5.41	57.74 4.05 -12.36	40.82 3.64 0.01	38.21 3.37 -1.14	36.48 3.16 -2.36	31.34 2.72 -0.02
FULTON COGEN____ 23766	26.69 -0.32 0.00	24.60 -0.25 0.00	22.67 -0.37 0.00	21.86 -0.40 0.00	22.01 -0.43 0.00	22.29 -0.43 0.00	24.29 -0.30 0.00	25.05 -0.41 0.00	28.61 -0.42 -1.27	31.07 -0.42 -1.77	32.78 -0.38 -1.81	34.91 -0.36 -2.15	36.66 -0.32 -1.88	40.27 -0.26 -2.68	41.35 -0.36 -2.26	41.98 -0.40 -2.19	48.73 -0.50 -3.76	53.19 -0.65 -3.74	50.00 -0.57 -2.81	42.89 -0.50 -2.06	38.17 -0.37 -1.36	34.55 -0.34 -1.19	30.91 -0.28 -0.22	28.48 -0.29 -0.16
FULTON___LFGE 323630	30.50 3.49 0.00	28.03 3.18 0.00	25.62 2.58 0.00	24.66 2.40 0.00	24.86 2.42 0.00	25.29 2.57 0.00	27.61 3.02 0.00	28.48 3.03 0.00	31.08 3.33 0.00	33.08 3.36 0.12	34.86 3.63 0.13	37.17 4.17 0.14	39.48 4.53 0.14	42.26 4.66 0.25	44.26 5.09 0.28	45.78 5.58 0.00	51.40 6.23 0.29	57.72 7.61 0.00	55.40 7.64 0.00	48.07 6.74 0.00	43.25 6.06 0.00	39.19 5.49 0.00	35.67 4.70 0.00	32.64 4.03 0.00
G.F.CEMENT___DRP 24184	28.63 1.62 0.00	26.29 1.44 0.00	24.17 1.13 0.00	23.31 1.05 0.00	23.51 1.08 0.00	23.86 1.14 0.00	25.89 1.30 0.00	26.88 1.43 0.00	29.36 1.61 0.00	31.39 1.66 0.00	32.82 1.66 0.19	34.78 1.86 0.21	36.87 2.00 0.22	39.37 1.89 0.38	41.15 2.13 0.43	42.48 2.29 0.00	47.51 2.50 0.46	53.21 3.11 0.00	51.25 3.49 0.00	44.51 3.18 0.00	40.12 2.94 0.00	36.43 2.73 0.00	33.32 2.35 0.00	30.55 1.95 0.00
GARDENVILLE___LBMP 24039	27.26 0.24 0.00	24.87 0.02 0.00	22.72 -0.32 0.00	21.64 -0.62 0.00	21.61 -0.83 0.00	21.89 -0.84 0.00	24.46 -0.12 0.00	24.71 -0.74 0.00	27.31 -0.44 0.00	29.16 -0.56 0.00	30.78 -0.56 0.00	32.86 -0.27 0.00	35.05 -0.04 0.00	37.93 0.08 0.00	39.45 0.00 0.00	39.87 -0.32 0.00	44.65 -0.82 0.00	48.30 -1.80 0.00	46.28 -1.48 0.00	39.76 -1.57 0.00	36.10 -1.08 0.00	32.58 -1.11 0.00	30.06 -0.90 0.00	28.27 -0.34 0.00
GARDNVLA_35_KV_LD 355827	27.36 0.35 0.00	25.00 0.15 0.00	22.81 -0.23 0.00	21.73 -0.53 0.00	21.70 -0.74 0.00	21.98 -0.75 0.00	24.56 -0.02 0.00	24.84 -0.61 0.00	27.45 -0.31 0.00	29.31 -0.42 0.00	30.94 -0.41 0.00	33.06 -0.07 0.00	35.26 0.18 0.00	38.20 0.34 0.00	39.73 0.28 -0.01	40.16 -0.04 -0.01	44.93 -0.55 -0.01	48.55 -1.55 0.00	46.57 -1.19 -0.01	39.97 -1.36 0.00	36.29 -0.89 0.00	32.75 -0.94 0.00	30.22 -0.74 0.00	28.44 -0.17 0.00
GELCKHM__115KV_LOAD 80723	26.91 -0.11 0.00	24.80 -0.05 0.00	22.86 -0.18 0.00	22.01 -0.24 0.00	22.17 -0.27 0.00	22.45 -0.27 0.00	24.49 -0.10 0.00	25.27 -0.18 0.00	28.05 -0.17 -0.46	30.24 -0.12 -0.63	31.90 -0.09 -0.65	33.83 -0.07 -0.77	35.76 0.00 -0.68	38.90 0.08 -0.96	40.34 0.08 -0.81	41.02 0.04 -0.79	46.77 -0.05 -1.35	51.24 -0.20 -1.34	48.63 -0.14 -1.01	41.91 -0.17 -0.74	37.56 -0.11 -0.49	34.02 -0.10 -0.43	30.95 -0.09 -0.08	28.58 -0.09 -0.06
GENERAL___MILLS 23808	27.31 0.30 0.00	24.95 0.10 0.00	22.76 -0.28 0.00	21.70 -0.56 0.00	21.65 -0.79 0.00	21.93 -0.80 0.00	24.51 -0.07 0.00	24.79 -0.66 0.00	27.37 -0.39 0.00	29.25 -0.48 0.00	30.85 -0.50 0.00	32.96 -0.17 0.00	35.16 0.07 0.00	38.05 0.19 0.00	39.61 0.16 -0.01	40.04 -0.16 -0.01	44.79 -0.68 -0.01	48.45 -1.65 0.00	46.43 -1.34 -0.01	39.84 -1.49 0.00	36.22 -0.97 0.00	32.65 -1.04 0.00	30.16 -0.81 0.00	28.35 -0.26 0.00
GE_PLASTICS___DRP 24183	27.74 0.73 0.00	25.47 0.62 0.00	23.50 0.46 0.00	22.75 0.49 0.00	22.98 0.54 0.00	23.23 0.50 0.00	25.20 0.61 0.00	26.19 0.74 0.00	28.48 0.72 0.00	30.44 0.71 0.00	32.04 0.82 0.12	33.82 0.83 0.14	35.44 0.49 0.14	38.10 0.49 0.25	39.72 0.55 0.28	40.79 0.60 0.00	45.90 0.73 0.30	51.06 0.95 0.00	48.72 0.96 0.00	42.24 0.91 0.00	37.93 0.74 0.00	34.47 0.78 0.00	32.01 1.05 0.00	29.44 0.83 0.00
GILBOA___1 23756	27.93 0.92 0.00	25.57 0.72 0.00	23.55 0.51 0.00	22.93 0.67 0.00	23.09 0.65 0.00	23.32 0.59 0.00	25.30 0.71 0.00	26.32 0.87 0.00	28.67 0.91 0.00	30.67 0.95 0.00	32.41 1.07 0.00	34.25 1.13 0.00	36.24 1.16 0.00	39.07 1.21 0.00	40.71 1.26 0.00	41.52 1.32 0.00	46.92 1.45 0.00	51.66 1.55 0.00	49.29 1.53 0.00	42.78 1.45 0.00	38.48 1.30 0.00	34.94 1.25 0.00	32.17 1.21 0.00	29.61 1.00 0.00
GILBOA___2 23757	27.93 0.92 0.00	25.57 0.72 0.00	23.55 0.51 0.00	22.93 0.67 0.00	23.09 0.65 0.00	23.32 0.59 0.00	25.30 0.71 0.00	26.32 0.87 0.00	28.67 0.91 0.00	30.67 0.95 0.00	32.41 1.07 0.00	34.25 1.13 0.00	36.24 1.16 0.00	39.07 1.21 0.00	40.71 1.26 0.00	41.52 1.32 0.00	46.92 1.45 0.00	51.66 1.55 0.00	49.29 1.53 0.00	42.78 1.45 0.00	38.48 1.30 0.00	34.94 1.25 0.00	32.17 1.21 0.00	29.61 1.00 0.00

GILBOA___3 23758	27.93 0.92 0.00	25.57 0.72 0.00	23.55 0.51 0.00	22.93 0.67 0.00	23.09 0.65 0.00	23.32 0.59 0.00	25.30 0.71 0.00	26.32 0.87 0.00	28.67 0.91 0.00	30.67 0.95 0.00	32.41 1.07 0.00	34.25 1.13 0.00	36.24 1.16 0.00	39.07 1.21 0.00	40.71 1.26 0.00	41.52 1.32 0.00	46.92 1.45 0.00	51.66 1.55 0.00	49.29 1.53 0.00	42.78 1.45 0.00	38.48 1.30 0.00	34.94 1.25 0.00	32.17 1.21 0.00	29.61 1.00 0.00
GILBOA___4 23759	27.93 0.92 0.00	25.57 0.72 0.00	23.55 0.51 0.00	22.93 0.67 0.00	23.09 0.65 0.00	23.32 0.59 0.00	25.30 0.71 0.00	26.32 0.87 0.00	28.67 0.91 0.00	30.67 0.95 0.00	32.41 1.07 0.00	34.25 1.13 0.00	36.24 1.16 0.00	39.07 1.21 0.00	40.71 1.26 0.00	41.52 1.32 0.00	46.92 1.45 0.00	51.66 1.55 0.00	49.29 1.53 0.00	42.78 1.45 0.00	38.48 1.30 0.00	34.94 1.25 0.00	32.17 1.21 0.00	29.61 1.00 0.00
GILBOA___ 23599	27.93 0.92 0.00	25.57 0.72 0.00	23.55 0.51 0.00	22.84 0.58 0.00	23.11 0.67 0.00	23.32 0.59 0.00	25.30 0.71 0.00	26.32 0.87 0.00	28.67 0.92 0.00	30.67 0.95 0.00	32.44 1.10 0.00	34.25 1.13 0.00	36.25 1.16 0.00	39.07 1.21 0.00	40.71 1.26 0.00	41.52 1.33 0.00	46.92 1.46 0.00	51.66 1.55 0.00	49.29 1.53 0.00	42.78 1.45 0.00	38.48 1.30 0.00	34.94 1.25 0.00	32.17 1.21 0.00	29.61 1.00 0.00
GINNA___ 23603	26.09 -0.92 0.00	23.96 -0.89 0.00	21.98 -1.06 0.00	21.01 -1.25 0.00	21.23 -1.21 0.00	21.41 -1.32 0.00	23.60 -0.98 0.00	24.21 -1.25 0.00	26.59 -1.16 0.00	28.45 -1.28 0.00	30.09 -1.25 0.00	31.94 -1.19 0.00	34.07 -1.02 0.00	36.91 -0.94 0.00	38.46 -0.98 0.00	38.90 -1.29 0.00	43.83 -1.64 0.00	47.94 -2.15 0.01	45.85 -1.91 0.00	39.51 -1.82 0.00	35.62 -1.56 0.00	32.18 -1.52 0.00	29.57 -1.39 0.00	27.52 -1.09 0.00
GLEN PARK___ 23778	26.80 -0.22 0.00	24.70 -0.15 0.00	22.74 -0.30 0.00	21.95 -0.29 0.02	22.14 -0.29 0.00	22.54 -0.18 0.00	24.46 -0.12 0.00	25.15 -0.30 0.00	27.82 -0.53 -0.59	30.10 -0.45 -0.82	31.75 -0.44 -0.84	33.69 -0.43 -1.00	35.47 -0.49 -0.87	38.61 -0.49 -1.24	40.14 -0.36 -1.05	40.85 -0.36 -1.02	46.90 -0.32 -1.74	51.69 -0.15 -1.73	49.31 0.24 -1.30	42.87 0.58 -0.96	38.33 0.52 -0.63	34.86 0.61 -0.55	31.22 0.16 -0.10	28.71 0.03 -0.07
GLENDALE_27_KV_LOAD 356172	29.63 2.62 0.00	26.90 2.04 -0.01	24.62 1.57 -0.01	23.78 1.51 -0.01	23.97 1.53 -0.01	24.30 1.57 -0.01	26.68 2.09 -0.01	27.97 2.52 0.00	30.56 2.80 0.00	34.02 3.03 -1.27	35.58 3.45 -0.78	37.47 3.54 -0.80	39.00 3.68 -0.22	42.15 3.90 -0.39	43.95 4.06 -0.44	44.25 4.06 0.00	53.32 4.91 -2.94	55.52 5.41 0.00	52.59 4.82 0.00	45.51 4.17 0.00	40.94 3.76 0.00	37.23 3.54 0.00	34.31 3.34 -0.01	31.56 2.95 0.00
GLENWOOD_IC_1_G5 23712	32.11 2.73 -2.37	31.44 2.19 -4.40	30.83 1.73 -6.06	26.56 1.65 -2.65	26.52 1.66 -2.42	29.34 1.70 -4.90	29.18 2.19 -2.41	30.88 2.60 -2.83	31.77 2.91 -1.10	32.84 3.12 0.00	38.35 3.64 -3.37	39.68 3.64 -2.91	42.59 3.86 -3.65	42.34 4.09 -0.39	44.78 3.87 -1.47	44.13 3.94 0.00	50.58 4.64 -0.47	55.36 5.26 0.00	52.35 4.59 0.00	45.34 4.01 0.00	40.98 3.79 0.00	39.19 3.74 -1.76	35.21 3.44 -0.81	34.54 3.03 -2.90
GLENWOOD_IC_2_G1 23688	32.03 2.65 -2.37	31.39 2.14 -4.40	30.73 1.64 -6.06	26.49 1.58 -2.65	26.40 1.55 -2.42	29.27 1.64 -4.90	29.11 2.11 -2.41	30.81 2.52 -2.83	31.66 2.80 -1.10	32.76 3.03 0.00	38.16 3.45 -3.37	39.65 3.61 -2.91	42.49 3.76 -3.65	42.26 4.01 -0.39	44.86 3.94 -1.47	44.13 3.94 0.00	50.58 4.64 -0.47	55.36 5.26 0.00	52.39 4.63 0.00	45.38 4.05 0.00	41.01 3.83 0.00	39.06 3.61 -1.76	35.11 3.34 -0.81	34.45 2.95 -2.90
GLENWOOD_IC_3_G1 23689	32.03 2.65 -2.37	31.39 2.14 -4.40	30.73 1.64 -6.06	26.49 1.58 -2.65	26.40 1.55 -2.42	29.27 1.64 -4.90	29.11 2.11 -2.41	30.81 2.52 -2.83	31.66 2.80 -1.10	32.76 3.03 0.00	38.16 3.45 -3.37	39.65 3.61 -2.91	42.49 3.76 -3.65	42.26 4.01 -0.39	44.86 3.94 -1.47	44.13 3.94 0.00	50.58 4.64 -0.47	55.36 5.26 0.00	52.39 4.63 0.00	45.38 4.05 0.00	41.01 3.83 0.00	39.06 3.61 -1.76	35.11 3.34 -0.81	34.45 2.95 -2.90
GLENWOOD___4 23550	32.11 2.73 -2.37	31.44 2.19 -4.40	30.83 1.73 -6.06	26.56 1.65 -2.65	26.52 1.66 -2.42	29.34 1.70 -4.90	29.18 2.19 -2.41	30.88 2.60 -2.83	31.77 2.91 -1.10	32.84 3.12 0.00	38.35 3.64 -3.37	39.72 3.68 -2.91	42.63 3.89 -3.65	42.38 4.13 -0.39	44.90 3.98 -1.47	44.21 4.02 0.00	50.67 4.73 -0.47	55.52 5.41 0.00	52.44 4.68 0.00	45.46 4.13 0.00	41.01 3.83 0.00	39.19 3.74 -1.76	35.21 3.44 -0.81	34.54 3.03 -2.90
GLENWOOD___5 23614	32.11 2.73 -2.37	31.44 2.19 -4.40	30.83 1.73 -6.06	26.56 1.65 -2.65	26.52 1.66 -2.42	29.34 1.70 -4.90	29.18 2.19 -2.41	30.88 2.60 -2.83	31.77 2.91 -1.10	32.84 3.12 0.00	38.35 3.64 -3.37	39.72 3.68 -2.91	42.63 3.89 -3.65	42.38 4.13 -0.39	44.90 3.98 -1.47	44.21 4.02 0.00	50.67 4.73 -0.47	55.52 5.41 0.00	52.44 4.68 0.00	45.46 4.13 0.00	41.01 3.83 0.00	39.19 3.74 -1.76	35.21 3.44 -0.81	34.54 3.03 -2.90
GLOBAL GREEN_PORT_GT1 23814	32.92 3.54 -2.37	32.21 2.96 -4.40	31.49 2.40 -6.06	27.25 2.34 -2.65	27.17 2.31 -2.42	30.02 2.39 -4.90	29.87 2.88 -2.41	31.65 3.36 -2.83	32.82 3.97 -1.10	34.15 4.43 0.00	40.71 5.26 -4.10	53.06 5.63 -14.30	68.50 6.00 -27.41	105.52 6.44 -61.23	132.57 6.51 -86.62	84.24 6.43 -37.62	133.06 7.50 -80.09	133.48 8.47 -74.91	71.99 7.60 -16.64	49.35 6.69 -1.33	43.54 5.87 -0.48	41.16 5.29 -2.18	36.41 4.64 -0.81	35.54 4.03 -2.90
GLOBE___DSASP 323697	26.26 -0.76 0.00	23.96 -0.89 0.00	21.89 -1.15 0.00	20.84 -1.42 0.00	20.80 -1.64 0.00	21.05 -1.68 0.00	23.55 -1.03 0.00	23.70 -1.76 0.00	26.17 -1.58 0.00	27.88 -1.84 0.00	29.37 -1.97 0.00	31.31 -1.82 0.00	33.37 -1.72 0.00	36.08 -1.78 0.00	37.45 -1.97 0.02	37.84 -2.33 0.02	42.35 -3.09 0.02	45.87 -4.21 0.03	44.01 -3.73 0.02	37.86 -3.47 0.00	34.47 -2.71 0.00	31.10 -2.59 0.00	28.79 -2.17 0.00	27.18 -1.43 0.00
GOETHSLN___LBMP 323567	29.28 2.27 0.00	26.51 1.66 0.00	24.26 1.22 0.00	23.44 1.18 0.00	23.63 1.19 0.00	23.95 1.23 0.00	26.31 1.72 0.00	27.62 2.16 0.00	30.20 2.44 0.00	32.37 2.65 0.00	34.55 3.01 -0.20	36.39 3.05 -0.21	38.47 3.16 -0.22	41.54 3.29 -0.39	43.28 3.39 -0.44	43.65 3.46 0.00	52.57 4.23 -2.87	54.86 4.76 0.00	51.92 4.16 0.00	44.84 3.51 0.00	40.38 3.20 0.00	36.73 3.03 0.00	33.87 2.91 0.00	31.18 2.57 0.00
GOLAH___69_KV_TB 1_2 80279	27.53 0.51 0.00	25.25 0.40 0.00	23.11 0.07 0.00	22.04 -0.22 0.00	22.12 -0.31 0.00	22.39 -0.34 0.00	24.78 0.20 0.00	25.25 -0.20 0.00	27.70 -0.06 0.00	29.51 -0.21 0.00	31.16 -0.19 0.00	33.06 -0.07 0.00	35.16 0.07 0.00	38.16 0.30 0.00	39.72 0.28 0.00	40.15 -0.04 0.00	45.20 -0.27 0.00	49.30 -0.80 0.01	47.28 -0.48 0.00	40.75 -0.58 0.00	36.85 -0.33 0.00	33.19 -0.51 0.00	30.59 -0.37 0.00	28.64 0.03 0.00

GOODYEAR_LAKE_HYD 323669	28.45 1.43 0.00	26.07 1.22 0.00	23.92 0.88 0.00	23.13 0.87 0.00	23.33 0.90 0.00	23.68 0.95 0.00	25.81 1.23 0.00	26.73 1.27 0.00	29.09 1.33 0.00	31.18 1.46 0.00	32.98 1.63 0.00	34.95 1.82 0.00	37.02 1.93 0.00	39.94 2.08 0.00	41.77 2.33 0.00	42.60 2.41 0.00	48.20 2.73 0.00	53.11 3.01 0.00	50.77 3.01 0.00	43.94 2.60 0.00	39.53 2.34 0.00	35.85 2.16 0.00	32.79 1.83 0.00	30.21 1.60 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	27.61 0.59 0.00	25.30 0.45 0.00	23.25 0.21 0.00	22.37 0.11 0.00	22.53 0.09 0.00	22.79 0.07 0.00	24.98 0.39 0.00	25.76 0.31 0.00	28.43 0.42 -0.26	30.56 0.48 -0.36	32.22 0.50 -0.37	34.23 0.66 -0.44	36.24 0.77 -0.38	39.28 0.87 -0.55	40.85 0.95 -0.46	41.56 0.92 -0.45	47.15 0.91 -0.77	51.67 0.80 -0.76	49.10 0.76 -0.57	42.37 0.62 -0.42	38.13 0.67 -0.28	34.55 0.61 -0.24	31.57 0.56 -0.05	29.19 0.54 -0.03
GOUDEY___7 23579	27.63 0.62 0.00	25.32 0.47 0.00	23.27 0.23 0.00	22.39 0.13 0.00	22.53 0.09 0.00	22.82 0.09 0.00	25.00 0.42 0.00	25.78 0.33 0.00	28.49 0.47 -0.26	30.59 0.51 -0.36	32.28 0.56 -0.37	34.26 0.70 -0.44	36.32 0.84 -0.38	39.35 0.95 -0.55	40.89 0.99 -0.46	41.60 0.96 -0.45	47.24 1.00 -0.77	51.72 0.85 -0.76	49.20 0.86 -0.57	42.41 0.66 -0.42	38.17 0.71 -0.28	34.58 0.64 -0.24	31.60 0.59 -0.05	29.24 0.60 -0.03
GOUDEY___8 23580	27.61 0.59 0.00	25.30 0.45 0.00	23.25 0.21 0.00	22.37 0.11 0.00	22.53 0.09 0.00	22.79 0.07 0.00	24.98 0.39 0.00	25.76 0.31 0.00	28.43 0.42 -0.26	30.56 0.48 -0.36	32.22 0.50 -0.37	34.23 0.66 -0.44	36.24 0.77 -0.38	39.28 0.87 -0.55	40.85 0.95 -0.46	41.56 0.92 -0.45	47.15 0.91 -0.77	51.67 0.80 -0.76	49.10 0.76 -0.57	42.37 0.62 -0.42	38.13 0.67 -0.28	34.55 0.61 -0.24	31.57 0.56 -0.05	29.19 0.54 -0.03
GOWANUS_GT1_1 24077	29.65 2.62 -0.02	26.92 2.06 -0.01	24.64 1.59 -0.01	23.80 1.54 -0.01	23.99 1.55 -0.01	24.33 1.59 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.47 2.72 0.00	41.69 3.00 -8.96	39.00 3.39 -4.27	40.95 3.51 -4.31	38.96 3.65 -0.22	42.11 3.86 -0.39	43.91 4.02 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.09 5.36 -7.62	63.07 4.73 -10.58	93.65 4.13 -48.19	63.18 3.76 -22.24	39.44 3.50 -2.24	38.85 3.28 -4.61	31.49 2.86 -0.02
GOWANUS_GT1_2 24078	29.65 2.62 -0.02	26.92 2.06 -0.01	24.64 1.59 -0.01	23.80 1.54 -0.01	23.99 1.55 -0.01	24.33 1.59 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.47 2.72 0.00	41.69 3.00 -8.96	39.00 3.39 -4.27	40.95 3.51 -4.31	38.96 3.65 -0.22	42.11 3.86 -0.39	43.91 4.02 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.09 5.36 -7.62	63.07 4.73 -10.58	93.65 4.13 -48.19	63.18 3.76 -22.24	39.44 3.50 -2.24	38.85 3.28 -4.61	31.49 2.86 -0.02
GOWANUS_GT1_3 24079	29.65 2.62 -0.02	26.92 2.06 -0.01	24.64 1.59 -0.01	23.80 1.54 -0.01	23.99 1.55 -0.01	24.33 1.59 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.47 2.72 0.00	41.69 3.00 -8.96	39.00 3.39 -4.27	40.95 3.51 -4.31	38.96 3.65 -0.22	42.11 3.86 -0.39	43.91 4.02 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.09 5.36 -7.62	63.07 4.73 -10.58	93.65 4.13 -48.19	63.18 3.76 -22.24	39.44 3.50 -2.24	38.85 3.28 -4.61	31.49 2.86 -0.02
GOWANUS_GT1_4 24080	29.65 2.62 -0.02	26.92 2.06 -0.01	24.64 1.59 -0.01	23.80 1.54 -0.01	23.99 1.55 -0.01	24.33 1.59 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.47 2.72 0.00	41.69 3.00 -8.96	39.00 3.39 -4.27	40.95 3.51 -4.31	38.96 3.65 -0.22	42.11 3.86 -0.39	43.91 4.02 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.09 5.36 -7.62	63.07 4.73 -10.58	93.65 4.13 -48.19	63.18 3.76 -22.24	39.44 3.50 -2.24	38.85 3.28 -4.61	31.49 2.86 -0.02
GOWANUS_GT1_5 24084	29.65 2.62 -0.02	26.92 2.06 -0.01	24.64 1.59 -0.01	23.80 1.54 -0.01	23.99 1.55 -0.01	24.33 1.59 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.47 2.72 0.00	41.69 3.00 -8.96	39.00 3.39 -4.27	40.95 3.51 -4.31	38.96 3.65 -0.22	42.11 3.86 -0.39	43.91 4.02 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.09 5.36 -7.62	63.07 4.73 -10.58	93.65 4.13 -48.19	63.18 3.76 -22.24	39.44 3.50 -2.24	38.85 3.28 -4.61	31.49 2.86 -0.02
GOWANUS_GT1_6 24111	29.65 2.62 -0.02	26.92 2.06 -0.01	24.64 1.59 -0.01	23.80 1.54 -0.01	23.99 1.55 -0.01	24.33 1.59 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.47 2.72 0.00	41.69 3.00 -8.96	39.00 3.39 -4.27	40.95 3.51 -4.31	38.96 3.65 -0.22	42.11 3.86 -0.39	43.91 4.02 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.09 5.36 -7.62	63.07 4.73 -10.58	93.65 4.13 -48.19	63.18 3.76 -22.24	39.44 3.50 -2.24	38.85 3.28 -4.61	31.49 2.86 -0.02
GOWANUS_GT1_7 24112	29.65 2.62 -0.02	26.92 2.06 -0.01	24.64 1.59 -0.01	23.80 1.54 -0.01	23.99 1.55 -0.01	24.33 1.59 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.47 2.72 0.00	41.69 3.00 -8.96	39.00 3.39 -4.27	40.95 3.51 -4.31	38.96 3.65 -0.22	42.11 3.86 -0.39	43.91 4.02 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.09 5.36 -7.62	63.07 4.73 -10.58	93.65 4.13 -48.19	63.18 3.76 -22.24	39.44 3.50 -2.24	38.85 3.28 -4.61	31.49 2.86 -0.02
GOWANUS_GT1_8 24113	29.65 2.62 -0.02	26.92 2.06 -0.01	24.64 1.59 -0.01	23.80 1.54 -0.01	23.99 1.55 -0.01	24.33 1.59 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.47 2.72 0.00	41.69 3.00 -8.96	39.00 3.39 -4.27	40.95 3.51 -4.31	38.96 3.65 -0.22	42.11 3.86 -0.39	43.91 4.02 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.09 5.36 -7.62	63.07 4.73 -10.58	93.65 4.13 -48.19	63.18 3.76 -22.24	39.44 3.50 -2.24	38.85 3.28 -4.61	31.49 2.86 -0.02
GOWANUS_GT2_1 24114	29.65 2.62 -0.02	26.95 2.09 -0.01	24.64 1.59 -0.01	23.78 1.51 -0.01	23.95 1.50 -0.01	24.30 1.57 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.48 2.72 0.00	41.66 2.97 -8.96	38.97 3.36 -4.27	40.91 3.48 -4.31	38.93 3.61 -0.22	42.11 3.86 -0.39	43.87 3.98 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.14 5.41 -7.62	63.16 4.82 -10.58	93.65 4.13 -48.19	63.14 3.72 -22.24	39.44 3.50 -2.24	38.88 3.31 -4.61	31.49 2.86 -0.02
GOWANUS_GT2_2 24115	29.65 2.62 -0.02	26.95 2.09 -0.01	24.64 1.59 -0.01	23.78 1.51 -0.01	23.95 1.50 -0.01	24.30 1.57 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.48 2.72 0.00	41.66 2.97 -8.96	38.97 3.36 -4.27	40.91 3.48 -4.31	38.93 3.61 -0.22	42.11 3.86 -0.39	43.87 3.98 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.14 5.41 -7.62	63.16 4.82 -10.58	93.65 4.13 -48.19	63.14 3.72 -22.24	39.44 3.50 -2.24	38.88 3.31 -4.61	31.49 2.86 -0.02
GOWANUS_GT2_3 24116	29.65 2.62 -0.02	26.95 2.09 -0.01	24.64 1.59 -0.01	23.78 1.51 -0.01	23.95 1.50 -0.01	24.30 1.57 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.48 2.72 0.00	41.66 2.97 -8.96	38.97 3.36 -4.27	40.91 3.48 -4.31	38.93 3.61 -0.22	42.11 3.86 -0.39	43.87 3.98 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.14 5.41 -7.62	63.16 4.82 -10.58	93.65 4.13 -48.19	63.14 3.72 -22.24	39.44 3.50 -2.24	38.88 3.31 -4.61	31.49 2.86 -0.02

GOWANUS_GT2_4 24117	29.65 2.62 -0.02	26.95 2.09 -0.01	24.64 1.59 -0.01	23.78 1.51 -0.01	23.95 1.50 -0.01	24.30 1.57 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.48 2.72 0.00	41.66 2.97 -8.96	38.97 3.36 -4.27	40.91 3.48 -4.31	38.93 3.61 -0.22	42.11 3.86 -0.39	43.87 3.98 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.14 5.41 -7.62	63.16 4.82 -10.58	93.65 4.13 -48.19	63.14 3.72 -22.24	39.44 3.50 -2.24	38.88 3.31 -4.61	31.49 2.86 -0.02
GOWANUS_GT2_5 24118	29.65 2.62 -0.02	26.95 2.09 -0.01	24.64 1.59 -0.01	23.78 1.51 -0.01	23.95 1.50 -0.01	24.30 1.57 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.48 2.72 0.00	41.66 2.97 -8.96	38.97 3.36 -4.27	40.91 3.48 -4.31	38.93 3.61 -0.22	42.11 3.86 -0.39	43.87 3.98 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.14 5.41 -7.62	63.16 4.82 -10.58	93.65 4.13 -48.19	63.14 3.72 -22.24	39.44 3.50 -2.24	38.88 3.31 -4.61	31.49 2.86 -0.02
GOWANUS_GT2_6 24119	29.65 2.62 -0.02	26.95 2.09 -0.01	24.64 1.59 -0.01	23.78 1.51 -0.01	23.95 1.50 -0.01	24.30 1.57 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.48 2.72 0.00	41.66 2.97 -8.96	38.97 3.36 -4.27	40.91 3.48 -4.31	38.93 3.61 -0.22	42.11 3.86 -0.39	43.87 3.98 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.14 5.41 -7.62	63.16 4.82 -10.58	93.65 4.13 -48.19	63.14 3.72 -22.24	39.44 3.50 -2.24	38.88 3.31 -4.61	31.49 2.86 -0.02
GOWANUS_GT2_7 24120	29.65 2.62 -0.02	26.95 2.09 -0.01	24.64 1.59 -0.01	23.78 1.51 -0.01	23.95 1.50 -0.01	24.30 1.57 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.48 2.72 0.00	41.66 2.97 -8.96	38.97 3.36 -4.27	40.91 3.48 -4.31	38.93 3.61 -0.22	42.11 3.86 -0.39	43.87 3.98 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.14 5.41 -7.62	63.16 4.82 -10.58	93.65 4.13 -48.19	63.14 3.72 -22.24	39.44 3.50 -2.24	38.88 3.31 -4.61	31.49 2.86 -0.02
GOWANUS_GT2_8 24121	29.65 2.62 -0.02	26.95 2.09 -0.01	24.64 1.59 -0.01	23.78 1.51 -0.01	23.95 1.50 -0.01	24.30 1.57 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.48 2.72 0.00	41.66 2.97 -8.96	38.97 3.36 -4.27	40.91 3.48 -4.31	38.93 3.61 -0.22	42.11 3.86 -0.39	43.87 3.98 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.14 5.41 -7.62	63.16 4.82 -10.58	93.65 4.13 -48.19	63.14 3.72 -22.24	39.44 3.50 -2.24	38.88 3.31 -4.61	31.49 2.86 -0.02
GOWANUS_GT3_1 24122	29.65 2.62 -0.02	26.95 2.09 -0.01	24.64 1.59 -0.01	23.78 1.51 -0.01	23.95 1.50 -0.01	24.30 1.57 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.48 2.72 0.00	41.66 2.97 -8.96	38.97 3.36 -4.27	40.91 3.48 -4.31	38.93 3.61 -0.22	42.11 3.86 -0.39	43.87 3.98 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.14 5.41 -7.62	63.16 4.82 -10.58	93.65 4.13 -48.19	63.14 3.72 -22.24	39.44 3.50 -2.24	38.88 3.31 -4.61	31.49 2.86 -0.02
GOWANUS_GT3_2 24123	29.65 2.62 -0.02	26.95 2.09 -0.01	24.64 1.59 -0.01	23.78 1.51 -0.01	23.95 1.50 -0.01	24.30 1.57 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.48 2.72 0.00	41.66 2.97 -8.96	38.97 3.36 -4.27	40.91 3.48 -4.31	38.93 3.61 -0.22	42.11 3.86 -0.39	43.87 3.98 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.14 5.41 -7.62	63.16 4.82 -10.58	93.65 4.13 -48.19	63.14 3.72 -22.24	39.44 3.50 -2.24	38.88 3.31 -4.61	31.49 2.86 -0.02
GOWANUS_GT3_3 24124	29.65 2.62 -0.02	26.95 2.09 -0.01	24.64 1.59 -0.01	23.78 1.51 -0.01	23.95 1.50 -0.01	24.30 1.57 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.48 2.72 0.00	41.66 2.97 -8.96	38.97 3.36 -4.27	40.91 3.48 -4.31	38.93 3.61 -0.22	42.11 3.86 -0.39	43.87 3.98 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.14 5.41 -7.62	63.16 4.82 -10.58	93.65 4.13 -48.19	63.14 3.72 -22.24	39.44 3.50 -2.24	38.88 3.31 -4.61	31.49 2.86 -0.02
GOWANUS_GT3_4 24125	29.65 2.62 -0.02	26.95 2.09 -0.01	24.64 1.59 -0.01	23.78 1.51 -0.01	23.95 1.50 -0.01	24.30 1.57 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.48 2.72 0.00	41.66 2.97 -8.96	38.97 3.36 -4.27	40.91 3.48 -4.31	38.93 3.61 -0.22	42.11 3.86 -0.39	43.87 3.98 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.14 5.41 -7.62	63.16 4.82 -10.58	93.65 4.13 -48.19	63.14 3.72 -22.24	39.44 3.50 -2.24	38.88 3.31 -4.61	31.49 2.86 -0.02
GOWANUS_GT3_5 24126	29.65 2.62 -0.02	26.95 2.09 -0.01	24.64 1.59 -0.01	23.78 1.51 -0.01	23.95 1.50 -0.01	24.30 1.57 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.48 2.72 0.00	41.66 2.97 -8.96	38.97 3.36 -4.27	40.91 3.48 -4.31	38.93 3.61 -0.22	42.11 3.86 -0.39	43.87 3.98 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.14 5.41 -7.62	63.16 4.82 -10.58	93.65 4.13 -48.19	63.14 3.72 -22.24	39.44 3.50 -2.24	38.88 3.31 -4.61	31.49 2.86 -0.02
GOWANUS_GT3_6 24127	29.65 2.62 -0.02	26.95 2.09 -0.01	24.64 1.59 -0.01	23.78 1.51 -0.01	23.95 1.50 -0.01	24.30 1.57 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.48 2.72 0.00	41.66 2.97 -8.96	38.97 3.36 -4.27	40.91 3.48 -4.31	38.93 3.61 -0.22	42.11 3.86 -0.39	43.87 3.98 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.14 5.41 -7.62	63.16 4.82 -10.58	93.65 4.13 -48.19	63.14 3.72 -22.24	39.44 3.50 -2.24	38.88 3.31 -4.61	31.49 2.86 -0.02
GOWANUS_GT3_7 24128	29.65 2.62 -0.02	26.95 2.09 -0.01	24.64 1.59 -0.01	23.78 1.51 -0.01	23.95 1.50 -0.01	24.30 1.57 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.48 2.72 0.00	41.66 2.97 -8.96	38.97 3.36 -4.27	40.91 3.48 -4.31	38.93 3.61 -0.22	42.11 3.86 -0.39	43.87 3.98 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.14 5.41 -7.62	63.16 4.82 -10.58	93.65 4.13 -48.19	63.14 3.72 -22.24	39.44 3.50 -2.24	38.88 3.31 -4.61	31.49 2.86 -0.02
GOWANUS_GT3_8 24129	29.65 2.62 -0.02	26.95 2.09 -0.01	24.64 1.59 -0.01	23.78 1.51 -0.01	23.95 1.50 -0.01	24.30 1.57 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.48 2.72 0.00	41.66 2.97 -8.96	38.97 3.36 -4.27	40.91 3.48 -4.31	38.93 3.61 -0.22	42.11 3.86 -0.39	43.87 3.98 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.14 5.41 -7.62	63.16 4.82 -10.58	93.65 4.13 -48.19	63.14 3.72 -22.24	39.44 3.50 -2.24	38.88 3.31 -4.61	31.49 2.86 -0.02
GOWANUS_GT4_1 24130	29.65 2.62 -0.02	26.92 2.06 -0.01	24.64 1.59 -0.01	23.80 1.54 -0.01	23.99 1.55 -0.01	24.33 1.59 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.47 2.72 0.00	41.69 3.00 -8.96	39.00 3.39 -4.27	40.95 3.51 -4.31	38.96 3.65 -0.22	42.11 3.86 -0.39	43.91 4.02 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.09 5.36 -7.62	63.07 4.73 -10.58	93.65 4.13 -48.19	63.18 3.76 -22.24	39.44 3.50 -2.24	38.85 3.28 -4.61	31.49 2.86 -0.02
GOWANUS_GT4_2 24131	29.65 2.62 -0.02	26.92 2.06 -0.01	24.64 1.59 -0.01	23.80 1.54 -0.01	23.99 1.55 -0.01	24.33 1.59 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.47 2.72 0.00	41.69 3.00 -8.96	39.00 3.39 -4.27	40.95 3.51 -4.31	38.96 3.65 -0.22	42.11 3.86 -0.39	43.91 4.02 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.09 5.36 -7.62	63.07 4.73 -10.58	93.65 4.13 -48.19	63.18 3.76 -22.24	39.44 3.50 -2.24	38.85 3.28 -4.61	31.49 2.86 -0.02

GOWANUS_GT4_3 24132	29.65 2.62 -0.02	26.92 2.06 -0.01	24.64 1.59 -0.01	23.80 1.54 -0.01	23.99 1.55 -0.01	24.33 1.59 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.47 2.72 0.00	41.69 3.00 -8.96	39.00 3.39 -4.27	40.95 3.51 -4.31	38.96 3.65 -0.22	42.11 3.86 -0.39	43.91 4.02 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.09 5.36 -7.62	63.07 4.73 -10.58	93.65 4.13 -48.19	63.18 3.76 -22.24	39.44 3.50 -2.24	38.85 3.28 -4.61	31.49 2.86 -0.02
GOWANUS_GT4_4 24133	29.65 2.62 -0.02	26.92 2.06 -0.01	24.64 1.59 -0.01	23.80 1.54 -0.01	23.99 1.55 -0.01	24.33 1.59 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.47 2.72 0.00	41.69 3.00 -8.96	39.00 3.39 -4.27	40.95 3.51 -4.31	38.96 3.65 -0.22	42.11 3.86 -0.39	43.91 4.02 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.09 5.36 -7.62	63.07 4.73 -10.58	93.65 4.13 -48.19	63.18 3.76 -22.24	39.44 3.50 -2.24	38.85 3.28 -4.61	31.49 2.86 -0.02
GOWANUS_GT4_5 24134	29.65 2.62 -0.02	26.92 2.06 -0.01	24.64 1.59 -0.01	23.80 1.54 -0.01	23.99 1.55 -0.01	24.33 1.59 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.47 2.72 0.00	41.69 3.00 -8.96	39.00 3.39 -4.27	40.95 3.51 -4.31	38.96 3.65 -0.22	42.11 3.86 -0.39	43.91 4.02 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.09 5.36 -7.62	63.07 4.73 -10.58	93.65 4.13 -48.19	63.18 3.76 -22.24	39.44 3.50 -2.24	38.85 3.28 -4.61	31.49 2.86 -0.02
GOWANUS_GT4_6 24135	29.65 2.62 -0.02	26.92 2.06 -0.01	24.64 1.59 -0.01	23.80 1.54 -0.01	23.99 1.55 -0.01	24.33 1.59 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.47 2.72 0.00	41.69 3.00 -8.96	39.00 3.39 -4.27	40.95 3.51 -4.31	38.96 3.65 -0.22	42.11 3.86 -0.39	43.91 4.02 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.09 5.36 -7.62	63.07 4.73 -10.58	93.65 4.13 -48.19	63.18 3.76 -22.24	39.44 3.50 -2.24	38.85 3.28 -4.61	31.49 2.86 -0.02
GOWANUS_GT4_7 24136	29.65 2.62 -0.02	26.92 2.06 -0.01	24.64 1.59 -0.01	23.80 1.54 -0.01	23.99 1.55 -0.01	24.33 1.59 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.47 2.72 0.00	41.69 3.00 -8.96	39.00 3.39 -4.27	40.95 3.51 -4.31	38.96 3.65 -0.22	42.11 3.86 -0.39	43.91 4.02 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.09 5.36 -7.62	63.07 4.73 -10.58	93.65 4.13 -48.19	63.18 3.76 -22.24	39.44 3.50 -2.24	38.85 3.28 -4.61	31.49 2.86 -0.02
GOWANUS_GT4_8 24137	29.65 2.62 -0.02	26.92 2.06 -0.01	24.64 1.59 -0.01	23.80 1.54 -0.01	23.99 1.55 -0.01	24.33 1.59 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.47 2.72 0.00	41.69 3.00 -8.96	39.00 3.39 -4.27	40.95 3.51 -4.31	38.96 3.65 -0.22	42.11 3.86 -0.39	43.91 4.02 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.09 5.36 -7.62	63.07 4.73 -10.58	93.65 4.13 -48.19	63.18 3.76 -22.24	39.44 3.50 -2.24	38.85 3.28 -4.61	31.49 2.86 -0.02
GREENBSH_115KV_TB3 55895	27.63 0.62 0.00	25.37 0.52 0.00	23.46 0.41 0.00	22.71 0.45 0.00	22.91 0.47 0.00	23.16 0.43 0.00	25.15 0.57 0.00	26.14 0.69 0.00	28.37 0.61 0.00	30.32 0.59 0.00	31.87 0.69 0.17	33.64 0.70 0.18	35.49 0.60 0.19	38.12 0.61 0.34	39.73 0.67 0.38	40.87 0.68 0.00	45.88 0.82 0.41	51.21 1.10 0.00	48.86 1.10 0.00	42.36 1.03 0.00	38.04 0.86 0.00	34.57 0.88 0.00	31.92 0.96 0.00	29.35 0.74 0.00
GREENIDGE_115KV_TB5 80291	27.72 0.70 0.00	25.40 0.55 0.00	23.25 0.21 0.00	22.28 0.02 0.00	22.39 -0.04 0.00	22.70 -0.02 0.00	25.08 0.49 0.00	25.78 0.33 0.00	28.47 0.50 -0.21	30.38 0.36 -0.30	32.03 0.38 -0.30	34.12 0.63 -0.36	36.21 0.81 -0.32	39.33 1.02 -0.45	40.85 1.03 -0.38	41.44 0.88 -0.37	47.01 0.91 -0.63	51.33 0.60 -0.62	49.00 0.76 -0.47	42.21 0.54 -0.35	38.04 0.63 -0.23	34.33 0.44 -0.20	31.40 0.40 -0.04	29.09 0.46 -0.03
GREENIDGE___3 23582	27.72 0.70 0.00	25.40 0.55 0.00	23.25 0.21 0.00	22.28 0.02 0.00	22.39 -0.04 0.00	22.70 -0.02 0.00	25.08 0.49 0.00	25.78 0.33 0.00	28.47 0.50 -0.21	30.38 0.36 -0.30	32.03 0.38 -0.30	34.12 0.63 -0.36	36.21 0.81 -0.32	39.33 1.02 -0.45	40.85 1.03 -0.38	41.44 0.88 -0.37	47.01 0.91 -0.63	51.33 0.60 -0.62	49.00 0.76 -0.47	42.21 0.54 -0.35	38.04 0.63 -0.23	34.33 0.44 -0.20	31.40 0.40 -0.04	29.09 0.46 -0.03
GREENIDGE___4 23583	27.71 0.70 0.00	25.40 0.55 0.00	23.25 0.21 0.00	22.28 0.02 0.00	22.48 0.04 0.00	22.73 0.00 0.00	25.08 0.49 0.00	25.78 0.33 0.00	28.49 0.53 -0.21	30.41 0.39 -0.30	32.09 0.44 -0.30	34.12 0.63 -0.36	36.25 0.84 -0.32	39.33 1.02 -0.45	40.89 1.07 -0.38	41.48 0.93 -0.37	47.01 0.91 -0.63	51.33 0.60 -0.62	49.00 0.76 -0.47	42.21 0.54 -0.35	38.04 0.63 -0.23	34.40 0.51 -0.20	31.40 0.40 -0.04	29.09 0.46 -0.03
GREENLWN_69_KV_BK 3 55738	31.87 2.49 -2.37	31.24 1.99 -4.40	30.69 1.59 -6.06	26.45 1.54 -2.65	26.43 1.57 -2.42	29.22 1.59 -4.90	29.06 2.07 -2.41	30.73 2.44 -2.83	31.55 2.69 -1.10	32.49 2.76 0.00	37.26 3.13 -2.77	37.64 3.25 -1.27	36.25 3.44 2.27	28.63 3.67 12.90	25.90 3.59 17.13	35.63 3.66 8.22	32.86 4.32 16.93	38.80 5.06 16.37	48.47 4.35 3.64	44.88 3.84 0.29	40.61 3.53 0.11	38.63 3.23 -1.70	34.87 3.10 -0.81	34.22 2.72 -2.90
GREENWD_138_KV_38B11_REV_LBMP_J 345004	29.65 2.62 -0.02	26.92 2.06 -0.01	24.64 1.59 -0.01	23.80 1.54 -0.01	23.99 1.55 -0.01	24.33 1.59 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.47 2.72 0.00	41.69 3.00 -8.96	39.00 3.39 -4.27	40.95 3.51 -4.31	38.96 3.65 -0.22	42.11 3.86 -0.39	43.91 4.02 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.09 5.36 -7.62	63.07 4.73 -10.58	93.65 4.13 -48.19	63.18 3.76 -22.24	39.44 3.50 -2.24	38.85 3.28 -4.61	31.49 2.86 -0.02
GRISSOM___SOLAR 323813	30.50 3.49 0.00	28.03 3.18 0.00	25.62 2.58 0.00	24.66 2.40 0.00	24.86 2.42 0.00	25.29 2.57 0.00	27.61 3.02 0.00	28.48 3.03 0.00	31.08 3.33 0.00	33.08 3.36 0.00	34.86 3.63 0.12	37.17 4.17 0.13	39.48 4.53 0.14	42.26 4.66 0.25	44.26 5.09 0.28	45.78 5.58 0.00	51.40 6.23 0.29	57.72 7.61 0.00	55.40 7.64 0.00	48.07 6.74 0.00	43.25 6.06 0.00	39.19 5.49 0.00	35.67 4.70 0.00	32.64 4.03 0.00
GROVEVILLE___HYD 323602	29.17 2.16 0.00	26.56 1.71 0.00	24.35 1.31 0.00	23.53 1.27 0.00	23.72 1.28 0.00	24.04 1.32 0.00	26.28 1.70 0.00	27.51 2.06 0.00	29.89 2.14 0.00	32.01 2.29 0.00	34.10 2.60 -0.15	35.91 2.62 -0.17	38.18 2.91 -0.18	41.35 3.18 -0.31	43.11 3.31 -0.35	43.61 3.42 0.00	49.89 4.05 -0.37	54.66 4.56 0.00	51.87 4.11 0.00	44.84 3.51 0.00	40.34 3.16 0.00	36.63 2.93 0.00	33.69 2.72 0.00	30.98 2.37 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	27.12 0.11 0.00	24.97 0.12 0.00	23.02 -0.02 0.00	22.17 -0.09 0.00	22.33 -0.11 0.00	22.61 -0.11 0.00	24.66 0.07 0.00	25.45 0.00 0.00	28.51 0.06 -0.70	30.82 0.12 -0.98	32.51 0.16 -1.00	34.55 0.23 -1.19	36.45 0.32 -1.04	39.76 0.42 -1.48	41.09 0.39 -1.25	41.81 0.40 -1.21	47.91 0.36 -2.08	52.42 0.25 -2.06	49.55 0.24 -1.55	42.63 0.17 -1.14	38.16 0.22 -0.75	34.56 0.20 -0.66	31.27 0.19 -0.12	28.87 0.17 -0.09

HAMLTNNY_34_KV_TB 80303	27.20 0.19 0.00	25.05 0.20 0.00	23.06 0.02 0.00	22.21 -0.04 0.00	22.35 -0.09 0.00	22.66 -0.07 0.00	24.73 0.15 0.00	25.53 0.08 0.00	28.62 0.14 -0.72	30.90 0.18 -1.00	32.59 0.22 -1.03	34.68 0.33 -1.22	36.61 0.46 -1.07	39.94 0.57 -1.52	41.32 0.59 -1.28	42.00 0.56 -1.24	48.14 0.55 -2.13	52.62 0.40 -2.11	49.78 0.43 -1.59	42.83 0.33 -1.17	38.29 0.33 -0.77	34.67 0.30 -0.68	31.34 0.25 -0.13	28.96 0.26 -0.09
HAMPSHIRE___PAPER_HYD 323593	25.88 -1.13 0.00	23.88 -0.97 0.00	22.21 -0.83 0.00	21.40 -0.80 0.06	21.65 -0.79 0.00	22.02 -0.70 0.00	23.70 -0.88 0.00	24.49 -0.97 0.00	26.85 -1.14 -0.23	28.89 -1.16 -0.32	30.42 -1.25 -0.33	32.20 -1.33 -0.39	33.99 -1.44 -0.35	36.83 -1.52 -0.49	38.36 -1.50 -0.41	39.11 -1.49 -0.40	44.52 -1.64 -0.69	49.14 -1.65 -0.68	46.94 -1.34 -0.51	40.68 -1.03 -0.38	36.46 -0.97 -0.25	33.01 -0.91 -0.22	29.89 -1.11 -0.04	27.61 -1.03 -0.03
HARDSCRABBLE_WT_PWR 323673	27.61 0.59 0.00	25.40 0.55 0.00	23.46 0.42 0.00	22.68 0.42 0.00	22.86 0.43 0.00	23.20 0.48 0.00	25.17 0.59 0.00	26.04 0.59 0.00	28.34 0.58 0.00	30.35 0.63 0.00	32.07 0.72 0.00	33.92 0.79 0.00	35.93 0.84 0.00	38.76 0.91 0.00	40.51 1.07 0.00	41.23 1.04 0.00	46.61 1.14 0.00	51.20 1.10 0.00	48.77 1.00 0.00	42.08 0.74 0.00	37.70 0.52 0.00	34.20 0.51 0.00	31.40 0.43 0.00	28.98 0.37 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	28.96 1.94 0.00	26.39 1.54 0.00	24.19 1.15 0.00	23.37 1.11 0.00	23.56 1.12 0.00	23.89 1.16 0.00	26.11 1.52 0.00	27.31 1.86 0.00	29.73 1.97 0.00	31.86 2.14 0.00	33.96 2.45 -0.17	35.76 2.45 -0.18	37.98 2.70 -0.19	41.07 2.88 -0.34	42.82 3.00 -0.37	43.29 3.09 0.00	49.55 3.68 -0.40	54.26 4.16 0.00	51.44 3.68 0.00	44.47 3.14 0.00	40.05 2.86 0.00	36.36 2.66 0.00	33.44 2.48 0.00	30.78 2.17 0.00
HARSNRAD_115KV_TB1 81005	26.91 -0.11 0.00	24.60 -0.25 0.00	22.46 -0.58 0.00	21.39 -0.87 0.00	21.34 -1.10 0.00	21.61 -1.11 0.00	24.19 -0.39 0.00	24.36 -1.09 0.00	26.89 -0.86 0.00	28.68 -1.04 0.00	30.25 -1.10 0.00	32.27 -0.86 0.00	34.42 -0.67 0.00	37.29 -0.57 0.00	38.74 -0.71 -0.01	39.11 -1.09 -0.01	43.79 -1.68 -0.01	47.35 -2.76 0.00	45.48 -2.29 -0.01	39.10 -2.23 0.00	35.55 -1.64 0.00	32.04 -1.65 0.00	29.63 -1.33 0.00	27.95 -0.66 0.00
HARZA MOOSE___RIVER 24016	27.36 0.35 0.00	25.20 0.35 0.00	23.23 0.18 0.00	22.42 0.18 0.02	22.62 0.18 0.00	23.00 0.27 0.00	24.95 0.37 0.00	25.78 0.33 0.00	28.20 0.25 -0.20	30.29 0.30 -0.27	31.97 0.34 -0.28	33.89 0.43 -0.33	35.84 0.46 -0.29	38.84 0.57 -0.42	40.55 0.75 -0.35	41.26 0.72 -0.34	46.96 0.91 -0.58	51.74 1.05 -0.58	49.44 1.24 -0.44	42.77 1.12 -0.32	38.36 0.97 -0.21	34.82 0.94 -0.19	31.62 0.62 -0.03	29.12 0.49 -0.03
HDSNBRDG_115KV_BRDG_TB1 355580	26.93 -0.08 0.00	24.82 -0.02 0.00	22.86 -0.18 0.00	22.04 -0.22 0.00	22.19 -0.25 0.00	22.48 -0.25 0.00	24.51 -0.07 0.00	25.30 -0.15 0.00	28.03 -0.11 -0.38	30.16 -0.09 -0.53	31.83 -0.06 -0.54	33.74 -0.03 -0.64	35.69 0.04 -0.56	38.77 0.11 -0.80	40.24 0.12 -0.68	40.93 0.08 -0.66	46.60 0.00 -1.13	51.07 -0.15 -1.12	48.46 -0.14 -0.84	41.78 -0.17 -0.62	37.52 -0.07 -0.41	33.95 -0.10 -0.36	31.00 -0.03 -0.07	28.63 -0.03 -0.05
HELLGATE_13_KV_LD 55870	29.50 2.49 0.00	26.77 1.91 -0.01	24.52 1.47 -0.01	23.69 1.42 -0.01	23.88 1.44 -0.01	24.19 1.45 -0.01	26.53 1.94 -0.01	27.79 2.34 0.00	30.36 2.61 0.00	33.81 2.82 -1.27	35.33 3.20 -0.78	37.24 3.31 -0.80	38.75 3.44 -0.22	41.85 3.60 -0.39	43.60 3.71 -0.44	43.93 3.74 0.00	52.92 4.50 -2.94	55.06 4.96 0.00	52.16 4.39 0.00	45.13 3.80 0.00	40.64 3.46 0.00	36.96 3.27 0.00	34.13 3.16 -0.01	31.39 2.78 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	29.50 2.49 0.00	26.77 1.91 -0.01	24.52 1.47 -0.01	23.69 1.42 -0.01	23.88 1.44 -0.01	24.19 1.45 -0.01	26.53 1.94 -0.01	27.79 2.34 0.00	30.36 2.61 0.00	33.81 2.82 -1.27	35.33 3.20 -0.78	37.24 3.31 -0.80	38.75 3.44 -0.22	41.85 3.60 -0.39	43.60 3.71 -0.44	43.93 3.74 0.00	52.92 4.50 -2.94	55.06 4.96 0.00	52.16 4.39 0.00	45.13 3.80 0.00	40.64 3.46 0.00	36.96 3.27 0.00	34.13 3.16 -0.01	31.39 2.78 0.00
HEMPSTEAD____ 23647	31.95 2.57 -2.37	31.31 2.06 -4.40	30.69 1.59 -6.06	26.42 1.51 -2.65	26.36 1.50 -2.42	29.20 1.57 -4.90	29.03 2.04 -2.41	30.75 2.47 -2.83	31.60 2.75 -1.10	32.69 2.97 0.00	38.07 3.36 -3.37	39.52 3.48 -2.91	42.38 3.65 -3.65	42.15 3.90 -0.39	44.70 3.79 -1.47	43.97 3.78 0.00	50.40 4.46 -0.47	55.16 5.06 0.00	52.20 4.44 0.00	45.26 3.93 0.00	40.90 3.72 0.00	38.96 3.50 -1.76	35.02 3.25 -0.81	34.37 2.86 -2.90
HEWLETT_69_KV_BK3 55828	32.19 2.81 -2.37	31.51 2.26 -4.40	30.87 1.77 -6.06	26.62 1.71 -2.65	26.56 1.71 -2.42	29.38 1.75 -4.90	29.23 2.24 -2.41	30.93 2.65 -2.83	31.83 2.97 -1.10	32.93 3.21 0.00	38.38 3.67 -3.37	39.85 3.81 -2.91	42.73 4.00 -3.65	42.53 4.28 -0.39	44.94 4.02 -1.47	44.25 4.06 0.00	50.76 4.82 -0.47	55.62 5.51 0.00	52.63 4.87 0.00	45.63 4.30 0.00	41.09 3.90 0.00	39.33 3.88 -1.76	35.36 3.59 -0.81	34.68 3.18 -2.90
HICKLING___1 23621	27.82 0.81 0.00	25.47 0.62 0.00	23.29 0.25 0.00	22.30 0.04 0.00	22.41 -0.02 0.00	22.70 -0.02 0.00	25.08 0.49 0.00	25.78 0.33 0.00	28.50 0.53 -0.21	30.58 0.56 -0.30	32.25 0.60 -0.30	34.35 0.86 -0.36	36.46 1.05 -0.32	39.52 1.21 -0.45	41.09 1.26 -0.38	41.73 1.17 -0.37	47.19 1.09 -0.63	51.48 0.75 -0.62	49.00 0.76 -0.47	42.17 0.50 -0.35	38.08 0.67 -0.23	34.44 0.54 -0.20	31.53 0.53 -0.04	29.24 0.60 -0.03
HICKLING___2 23622	27.82 0.81 0.00	25.47 0.62 0.00	23.29 0.25 0.00	22.30 0.04 0.00	22.41 -0.02 0.00	22.70 -0.02 0.00	25.08 0.49 0.00	25.78 0.33 0.00	28.50 0.53 -0.21	30.58 0.56 -0.30	32.25 0.60 -0.30	34.35 0.86 -0.36	36.46 1.05 -0.32	39.52 1.21 -0.45	41.09 1.26 -0.38	41.73 1.17 -0.37	47.19 1.09 -0.63	51.48 0.75 -0.62	49.00 0.76 -0.47	42.17 0.50 -0.35	38.08 0.67 -0.23	34.44 0.54 -0.20	31.53 0.53 -0.04	29.24 0.60 -0.03
HIGH FALLS___HY 23754	29.07 2.05 0.00	26.47 1.62 0.00	24.22 1.18 0.00	23.40 1.14 0.00	23.58 1.14 0.00	23.91 1.18 0.00	26.16 1.57 0.00	27.39 1.93 0.00	29.73 1.97 0.00	31.86 2.14 0.00	33.89 2.45 -0.09	35.68 2.45 -0.10	38.04 2.84 -0.11	40.92 2.88 -0.19	42.66 3.00 -0.21	43.29 3.09 0.00	49.47 3.77 -0.23	54.36 4.26 0.00	51.54 3.77 0.00	44.56 3.22 0.00	40.08 2.90 0.00	36.59 2.90 0.00	33.56 2.60 0.00	30.90 2.29 0.00
HIGH_RIVER___SOLAR 323847	28.44 1.43 0.00	26.12 1.27 0.00	24.03 0.99 0.00	23.22 0.96 0.00	23.40 0.96 0.00	23.73 1.00 0.00	25.76 1.18 0.00	26.67 1.22 0.00	29.03 1.28 0.00	31.03 1.31 0.00	32.59 1.38 0.14	34.50 1.52 0.15	36.54 1.61 0.16	39.28 1.71 0.28	40.99 1.85 0.31	42.16 1.97 0.00	47.41 2.27 0.33	52.86 2.75 0.00	50.63 2.87 0.00	43.94 2.61 0.00	39.53 2.34 0.00	35.88 2.19 0.00	32.88 1.92 0.00	30.24 1.63 0.00

HILLBURN___GT 23639	28.96 1.95 0.00	26.39 1.54 0.00	24.15 1.11 0.00	23.33 1.07 0.00	23.49 1.05 0.00	23.84 1.11 0.00	26.11 1.52 0.00	27.34 1.88 0.00	29.78 2.03 0.00	31.95 2.23 0.00	34.00 2.48 -0.17	35.87 2.55 -0.19	37.92 2.63 -0.20	41.05 2.84 -0.35	42.71 2.88 -0.39	43.17 2.97 0.00	49.43 3.55 -0.41	54.11 4.01 0.00	51.30 3.53 0.00	44.35 3.02 0.00	39.97 2.79 0.00	36.33 2.63 0.00	33.47 2.51 0.00	30.81 2.20 0.00
HILLSIDE_115KV_TB1 80332	27.36 0.35 0.00	25.05 0.20 0.00	22.95 -0.09 0.00	22.02 -0.24 0.00	22.12 -0.31 0.00	22.39 -0.34 0.00	24.68 0.10 0.00	25.35 -0.10 0.00	28.03 0.06 -0.22	30.09 0.06 -0.31	31.73 0.06 -0.32	33.77 0.27 -0.37	35.84 0.42 -0.33	38.82 0.49 -0.47	40.35 0.51 -0.39	41.01 0.44 -0.38	46.40 0.27 -0.65	50.65 -0.10 -0.65	48.20 -0.05 -0.49	41.48 -0.21 -0.36	37.46 0.04 -0.24	33.87 -0.03 -0.21	31.00 0.00 -0.04	28.78 0.14 -0.03
HISHELDN_WT_PWR 323625	27.28 0.27 0.00	24.92 0.07 0.00	22.77 -0.28 0.00	21.73 -0.53 0.00	21.90 -0.54 0.00	22.02 -0.70 0.00	24.51 -0.07 0.00	24.84 -0.61 0.00	27.48 -0.28 0.00	29.28 -0.45 0.00	31.00 -0.34 0.00	32.96 -0.16 0.00	35.16 0.07 0.00	37.93 0.08 0.00	39.53 0.08 0.00	39.91 -0.28 0.00	44.74 -0.73 0.00	48.50 -1.61 0.00	46.48 -1.29 0.00	39.93 -1.41 0.00	36.22 -0.97 0.00	32.75 -0.94 0.00	30.16 -0.81 0.00	28.27 -0.34 0.00
HOLTSVILLE_IC_1 23690	32.17 2.78 -2.37	31.53 2.28 -4.40	30.90 1.80 -6.06	26.65 1.74 -2.65	26.58 1.73 -2.42	29.43 1.79 -4.90	29.28 2.29 -2.41	30.98 2.70 -2.83	31.83 2.97 -1.10	32.87 3.15 0.00	38.92 3.48 -4.09	50.89 3.55 -14.21	65.74 3.72 -26.93	101.82 3.97 -59.98	128.26 3.94 -84.87	80.94 3.90 -36.85	128.57 4.64 -78.46	128.79 5.31 -73.37	68.69 4.63 -16.29	46.85 4.22 -1.30	41.60 3.94 -0.47	39.48 3.61 -2.17	35.21 3.44 -0.81	34.54 3.03 -2.90
HOLTSVILLE_IC_10 23699	32.35 2.97 -2.37	31.69 2.44 -4.40	31.03 1.94 -6.06	26.78 1.87 -2.65	26.70 1.84 -2.42	29.54 1.91 -4.90	29.43 2.43 -2.41	31.11 2.82 -2.83	32.02 3.16 -1.10	33.11 3.39 0.00	39.20 3.73 -4.12	51.56 3.84 -14.59	67.84 4.03 -28.72	106.83 4.31 -64.66	135.19 4.34 -91.41	84.23 4.30 -39.74	135.09 5.05 -84.57	134.99 5.76 -79.12	70.40 5.06 -17.57	47.32 4.59 -1.40	41.93 4.24 -0.51	39.76 3.87 -2.19	35.45 3.68 -0.81	34.74 3.23 -2.90
HOLTSVILLE_IC_2 23691	32.17 2.78 -2.37	31.53 2.28 -4.40	30.90 1.80 -6.06	26.65 1.74 -2.65	26.58 1.73 -2.42	29.43 1.79 -4.90	29.28 2.29 -2.41	30.98 2.70 -2.83	31.83 2.97 -1.10	32.87 3.15 0.00	38.92 3.48 -4.09	50.89 3.55 -14.21	65.74 3.72 -26.93	101.82 3.97 -59.98	128.26 3.94 -84.87	80.94 3.90 -36.85	128.57 4.64 -78.46	128.79 5.31 -73.37	68.69 4.63 -16.29	46.85 4.22 -1.30	41.60 3.94 -0.47	39.48 3.61 -2.17	35.21 3.44 -0.81	34.54 3.03 -2.90
HOLTSVILLE_IC_3 23692	32.17 2.78 -2.37	31.53 2.28 -4.40	30.90 1.80 -6.06	26.65 1.74 -2.65	26.58 1.73 -2.42	29.43 1.79 -4.90	29.28 2.29 -2.41	30.98 2.70 -2.83	31.83 2.97 -1.10	32.87 3.15 0.00	38.92 3.48 -4.09	50.89 3.55 -14.21	65.74 3.72 -26.93	101.82 3.97 -59.98	128.26 3.94 -84.87	80.94 3.90 -36.85	128.57 4.64 -78.46	128.79 5.31 -73.37	68.69 4.63 -16.29	46.85 4.22 -1.30	41.60 3.94 -0.47	39.48 3.61 -2.17	35.21 3.44 -0.81	34.54 3.03 -2.90
HOLTSVILLE_IC_4 23693	32.17 2.78 -2.37	31.53 2.28 -4.40	30.90 1.80 -6.06	26.65 1.74 -2.65	26.58 1.73 -2.42	29.43 1.79 -4.90	29.28 2.29 -2.41	30.98 2.70 -2.83	31.83 2.97 -1.10	32.87 3.15 0.00	38.92 3.48 -4.09	50.89 3.55 -14.21	65.74 3.72 -26.93	101.82 3.97 -59.98	128.26 3.94 -84.87	80.94 3.90 -36.85	128.57 4.64 -78.46	128.79 5.31 -73.37	68.69 4.63 -16.29	46.85 4.22 -1.30	41.60 3.94 -0.47	39.48 3.61 -2.17	35.21 3.44 -0.81	34.54 3.03 -2.90
HOLTSVILLE_IC_5 23694	32.17 2.78 -2.37	31.53 2.28 -4.40	30.90 1.80 -6.06	26.65 1.74 -2.65	26.58 1.73 -2.42	29.43 1.79 -4.90	29.28 2.29 -2.41	30.98 2.70 -2.83	31.83 2.97 -1.10	32.87 3.15 0.00	38.92 3.48 -4.09	50.89 3.55 -14.21	65.74 3.72 -26.93	101.82 3.97 -59.98	128.26 3.94 -84.87	80.94 3.90 -36.85	128.57 4.64 -78.46	128.79 5.31 -73.37	68.69 4.63 -16.29	46.85 4.22 -1.30	41.60 3.94 -0.47	39.48 3.61 -2.17	35.21 3.44 -0.81	34.54 3.03 -2.90
HOLTSVILLE_IC_6 23695	32.35 2.97 -2.37	31.69 2.44 -4.40	31.03 1.94 -6.06	26.78 1.87 -2.65	26.70 1.84 -2.42	29.54 1.91 -4.90	29.43 2.43 -2.41	31.11 2.82 -2.83	32.02 3.16 -1.10	33.11 3.39 0.00	39.20 3.73 -4.12	51.56 3.84 -14.59	67.84 4.03 -28.72	106.83 4.31 -64.66	135.19 4.34 -91.41	84.23 4.30 -39.74	135.09 5.05 -84.57	134.99 5.76 -79.12	70.40 5.06 -17.57	47.32 4.59 -1.40	41.93 4.24 -0.51	39.76 3.87 -2.19	35.45 3.68 -0.81	34.74 3.23 -2.90
HOLTSVILLE_IC_7 23696	32.35 2.97 -2.37	31.69 2.44 -4.40	31.03 1.94 -6.06	26.78 1.87 -2.65	26.70 1.84 -2.42	29.54 1.91 -4.90	29.43 2.43 -2.41	31.11 2.82 -2.83	32.02 3.16 -1.10	33.11 3.39 0.00	39.20 3.73 -4.12	51.56 3.84 -14.59	67.84 4.03 -28.72	106.83 4.31 -64.66	135.19 4.34 -91.41	84.23 4.30 -39.74	135.09 5.05 -84.57	134.99 5.76 -79.12	70.40 5.06 -17.57	47.32 4.59 -1.40	41.93 4.24 -0.51	39.76 3.87 -2.19	35.45 3.68 -0.81	34.74 3.23 -2.90
HOLTSVILLE_IC_8 23697	32.35 2.97 -2.37	31.69 2.44 -4.40	31.03 1.94 -6.06	26.78 1.87 -2.65	26.70 1.84 -2.42	29.54 1.91 -4.90	29.43 2.43 -2.41	31.11 2.82 -2.83	32.02 3.16 -1.10	33.11 3.39 0.00	39.20 3.73 -4.12	51.56 3.84 -14.59	67.84 4.03 -28.72	106.83 4.31 -64.66	135.19 4.34 -91.41	84.23 4.30 -39.74	135.09 5.05 -84.57	134.99 5.76 -79.12	70.40 5.06 -17.57	47.32 4.59 -1.40	41.93 4.24 -0.51	39.76 3.87 -2.19	35.45 3.68 -0.81	34.74 3.23 -2.90
HOLTSVILLE_IC_9 23698	32.35 2.97 -2.37	31.69 2.44 -4.40	31.03 1.94 -6.06	26.78 1.87 -2.65	26.70 1.84 -2.42	29.54 1.91 -4.90	29.43 2.43 -2.41	31.11 2.82 -2.83	32.02 3.16 -1.10	33.11 3.39 0.00	39.20 3.73 -4.12	51.56 3.84 -14.59	67.84 4.03 -28.72	106.83 4.31 -64.66	135.19 4.34 -91.41	84.23 4.30 -39.74	135.09 5.05 -84.57	134.99 5.76 -79.12	70.40 5.06 -17.57	47.32 4.59 -1.40	41.93 4.24 -0.51	39.76 3.87 -2.19	35.45 3.68 -0.81	34.74 3.23 -2.90
HOMER_HL_115KV_TB2 355744	27.31 0.30 0.00	24.95 0.10 0.00	22.76 -0.28 0.00	21.73 -0.53 0.00	21.74 -0.70 0.00	22.00 -0.73 0.00	24.54 -0.05 0.00	24.89 -0.56 0.00	27.48 -0.28 0.00	29.43 -0.30 0.00	31.00 -0.34 0.00	33.09 -0.03 0.00	35.26 0.18 0.00	38.12 0.26 0.00	39.76 0.32 0.00	40.27 0.08 0.00	45.15 -0.32 0.00	49.05 -1.05 0.00	46.81 -0.96 0.00	40.22 -1.12 0.00	36.51 -0.67 0.00	32.95 -0.74 0.00	30.31 -0.65 0.00	28.41 -0.20 0.00
HOWARD_WT_PWR 323690	28.04 1.03 0.00	25.62 0.77 0.00	23.41 0.37 0.00	22.37 0.11 0.00	22.57 0.14 0.00	22.80 0.07 0.00	25.30 0.71 0.00	25.86 0.41 0.00	28.58 0.67 -0.16	30.57 0.63 -0.22	32.32 0.75 -0.22	34.42 1.03 -0.26	36.55 1.23 -0.23	39.51 1.32 -0.33	41.11 1.38 -0.28	41.63 1.17 -0.27	46.93 1.00 -0.46	51.01 0.45 -0.46	48.73 0.62 -0.35	41.88 0.29 -0.25	37.80 0.45 -0.17	34.18 0.34 -0.15	31.21 0.22 -0.03	28.97 0.34 -0.02

HQ_GEN_CEDARS 23644	25.99 -1.03 0.00	24.00 -0.84 0.00	22.53 -0.51 0.00	21.67 -0.47 0.12	21.97 -0.47 0.00	22.29 -0.43 0.00	23.85 -0.74 0.00	24.66 -0.79 0.00	26.92 -0.83 0.00	28.86 -0.86 0.00	30.34 -1.00 0.00	32.03 -1.09 0.00	33.93 -1.16 0.00	36.53 -1.32 0.00	38.07 -1.38 0.00	38.82 -1.37 0.00	43.92 -1.55 0.00	48.55 -1.55 0.00	46.23 -1.53 0.00	40.01 -1.32 0.00	35.96 -1.23 0.00	32.45 -1.25 0.00	29.69 -1.27 0.00	27.55 -1.06 0.00
HQ_GEN_CEDARS_PROXY 323590	21.05 -1.03 4.94	21.05 -0.84 2.95	21.05 -0.51 1.48	21.05 -0.49 0.72	21.05 -0.47 0.92	21.05 -0.45 1.22	21.05 -0.74 2.80	21.05 -0.79 3.61	21.05 -0.83 5.87	21.05 -0.86 7.81	21.05 -1.00 9.29	21.05 -1.09 10.98	21.05 -1.19 12.84	21.05 -1.33 15.48	21.05 -1.38 17.01	21.05 -1.37 17.77	21.05 -1.55 22.87	21.05 -1.55 27.50	21.05 -1.53 25.18	21.05 -1.32 18.96	21.05 -1.23 14.91	21.05 -1.25 11.40	21.05 -1.27 8.64	21.05 -1.06 6.50
HQ_GEN_IMPORT 323601	26.44 -0.57 0.00	24.01 -0.47 0.37	23.20 -0.21 -0.37	22.06 -0.20 0.00	22.23 -0.20 0.00	22.70 -0.18 -0.16	24.01 -0.42 0.16	25.00 -0.46 0.00	27.26 -0.50 0.00	29.22 -0.51 0.00	30.72 -0.63 0.00	32.43 -0.70 0.00	34.35 -0.74 0.00	37.06 -0.80 0.00	38.62 -0.83 0.00	39.35 -0.85 0.00	44.51 -0.96 0.00	49.10 -1.00 0.00	46.81 -0.95 0.00	40.46 -0.87 0.00	36.40 -0.78 0.00	32.92 -0.77 0.00	30.19 -0.77 0.00	27.98 -0.63 0.00
HQ_GEN_WHEEL 23651	26.44 -0.57 0.00	24.01 -0.47 0.37	23.20 -0.21 -0.37	22.06 -0.20 0.00	22.23 -0.20 0.00	22.70 -0.18 -0.16	24.01 -0.42 0.16	25.00 -0.46 0.00	27.26 -0.50 0.00	29.22 -0.51 0.00	30.72 -0.63 0.00	32.43 -0.70 0.00	34.35 -0.74 0.00	37.06 -0.80 0.00	38.62 -0.83 0.00	39.35 -0.85 0.00	44.51 -0.96 0.00	49.10 -1.00 0.00	46.81 -0.95 0.00	40.46 -0.87 0.00	36.40 -0.78 0.00	32.92 -0.77 0.00	30.19 -0.77 0.00	27.98 -0.63 0.00
HUDSON_AVE_GT_3 23810	29.44 2.43 0.00	26.66 1.81 0.00	24.42 1.38 0.00	23.60 1.34 0.00	23.78 1.35 0.00	24.11 1.39 0.00	26.45 1.87 0.00	27.77 2.32 0.00	30.36 2.61 0.00	32.52 2.79 0.00	34.74 3.20 -0.20	36.62 3.28 -0.21	38.75 3.44 -0.22	41.85 3.60 -0.39	43.60 3.71 -0.44	43.97 3.78 0.00	52.89 4.55 -2.87	55.21 5.11 0.00	52.25 4.49 0.00	45.18 3.84 0.00	40.68 3.50 0.00	36.96 3.27 0.00	34.03 3.07 0.00	31.33 2.72 0.00
HUDSON_AVE_GT_4 23540	29.44 2.43 0.00	26.66 1.81 0.00	24.42 1.38 0.00	23.60 1.34 0.00	23.78 1.35 0.00	24.11 1.39 0.00	26.45 1.87 0.00	27.77 2.32 0.00	30.36 2.61 0.00	32.52 2.79 0.00	34.74 3.20 -0.20	36.62 3.28 -0.21	38.75 3.44 -0.22	41.85 3.60 -0.39	43.60 3.71 -0.44	43.97 3.78 0.00	52.89 4.55 -2.87	55.21 5.11 0.00	52.25 4.49 0.00	45.18 3.84 0.00	40.68 3.50 0.00	36.96 3.27 0.00	34.03 3.07 0.00	31.33 2.72 0.00
HUDSON_AVE_GT_5 23657	29.44 2.43 0.00	26.66 1.81 0.00	24.42 1.38 0.00	23.60 1.34 0.00	23.78 1.35 0.00	24.11 1.39 0.00	26.45 1.87 0.00	27.77 2.32 0.00	30.36 2.61 0.00	32.52 2.79 0.00	34.74 3.20 -0.20	36.62 3.28 -0.21	38.75 3.44 -0.22	41.85 3.60 -0.39	43.60 3.71 -0.44	43.97 3.78 0.00	52.89 4.55 -2.87	55.21 5.11 0.00	52.25 4.49 0.00	45.18 3.84 0.00	40.68 3.50 0.00	36.96 3.27 0.00	34.03 3.07 0.00	31.33 2.72 0.00
HUDSON_AVE_10 24168	29.39 2.38 0.00	26.61 1.76 0.00	24.38 1.34 0.00	23.55 1.29 0.00	23.74 1.30 0.00	24.07 1.34 0.00	26.43 1.84 0.00	27.74 2.29 0.00	30.31 2.55 0.00	32.49 2.76 0.00	34.68 3.13 -0.20	36.55 3.21 -0.21	38.68 3.37 -0.22	41.81 3.56 -0.39	43.56 3.67 -0.44	43.93 3.74 0.00	52.84 4.50 -2.87	55.16 5.06 0.00	52.25 4.49 0.00	45.13 3.80 0.00	40.64 3.46 0.00	36.93 3.23 0.00	34.00 3.03 0.00	31.30 2.69 0.00
HUDSON___115KV_TB 4 355613	28.31 1.30 0.00	25.99 1.14 0.00	23.99 0.94 0.00	23.19 0.93 0.00	23.40 0.96 0.00	23.68 0.95 0.00	25.69 1.11 0.00	26.65 1.20 0.00	28.81 1.05 0.00	30.73 1.01 0.00	32.36 1.13 0.11	34.20 1.19 0.12	36.08 1.12 0.13	38.88 1.25 0.23	40.57 1.38 0.26	41.64 1.45 0.00	46.97 1.77 0.27	52.31 2.20 0.00	50.10 2.34 0.00	43.48 2.15 0.00	39.04 1.86 0.00	35.45 1.75 0.00	32.73 1.76 0.00	30.10 1.49 0.00
HUNTER MOUNT___DRP 323613	28.42 1.40 0.00	26.14 1.29 0.00	24.12 1.08 0.00	23.33 1.07 0.00	23.54 1.10 0.00	23.84 1.11 0.00	25.81 1.23 0.00	26.75 1.30 0.00	28.78 1.03 0.00	30.67 0.95 0.00	32.37 1.10 0.07	34.18 1.13 0.08	36.10 1.09 0.08	38.93 1.21 0.14	40.67 1.38 0.16	41.56 1.37 0.00	47.08 1.77 0.17	52.31 2.20 0.00	50.20 2.44 0.00	43.56 2.23 0.00	39.12 1.93 0.00	35.52 1.82 0.00	32.85 1.89 0.00	30.21 1.60 0.00
HUNTINGTON_RES_REC 323705	32.03 2.65 -2.37	31.41 2.16 -4.40	30.83 1.73 -6.06	26.58 1.67 -2.65	26.49 1.64 -2.42	29.34 1.71 -4.90	29.18 2.19 -2.41	30.86 2.57 -2.83	31.69 2.83 -1.10	32.72 3.00 0.00	39.74 3.29 -5.11	38.91 3.38 -2.40	101.12 3.58 -62.46	192.98 3.82 -151.31	256.03 3.91 -212.68	137.33 3.82 -93.32	247.99 4.55 -197.97	241.18 5.26 -185.81	93.62 4.59 -41.27	48.73 4.09 -3.31	42.19 3.79 -1.21	38.88 3.44 -1.75	35.05 3.28 -0.81	34.43 2.92 -2.90
HUNTLEY___63 23557	27.12 0.11 0.00	24.78 -0.07 0.00	22.60 -0.44 0.00	21.53 -0.73 0.00	21.49 -0.94 0.00	21.77 -0.95 0.00	24.34 -0.25 0.00	24.56 -0.89 0.00	27.14 -0.61 0.00	28.95 -0.77 0.00	30.56 -0.78 0.00	32.63 -0.50 0.00	34.81 -0.28 0.00	37.71 -0.15 0.00	39.24 -0.24 -0.03	39.62 -0.60 -0.03	44.36 -1.14 -0.03	47.92 -2.20 -0.02	45.98 -1.81 -0.03	39.43 -1.90 0.00	35.84 -1.34 0.00	32.35 -1.35 0.00	29.88 -1.08 0.00	28.15 -0.46 0.00
HUNTLEY___64 23558	27.12 0.11 0.00	24.78 -0.07 0.00	22.60 -0.44 0.00	21.53 -0.73 0.00	21.49 -0.94 0.00	21.77 -0.95 0.00	24.34 -0.25 0.00	24.56 -0.89 0.00	27.14 -0.61 0.00	28.95 -0.77 0.00	30.56 -0.78 0.00	32.63 -0.50 0.00	34.81 -0.28 0.00	37.71 -0.15 0.00	39.24 -0.24 -0.03	39.62 -0.60 -0.03	44.36 -1.14 -0.03	47.92 -2.20 -0.02	45.98 -1.81 -0.03	39.43 -1.90 0.00	35.84 -1.34 0.00	32.35 -1.35 0.00	29.88 -1.08 0.00	28.15 -0.46 0.00
HUNTLEY___65 23559	27.12 0.11 0.00	24.78 -0.07 0.00	22.60 -0.44 0.00	21.53 -0.73 0.00	21.49 -0.94 0.00	21.77 -0.95 0.00	24.34 -0.25 0.00	24.56 -0.89 0.00	27.14 -0.61 0.00	28.95 -0.77 0.00	30.56 -0.78 0.00	32.63 -0.50 0.00	34.81 -0.28 0.00	37.71 -0.15 0.00	39.24 -0.24 -0.03	39.62 -0.60 -0.03	44.36 -1.14 -0.03	47.92 -2.20 -0.02	45.98 -1.81 -0.03	39.43 -1.90 0.00	35.84 -1.34 0.00	32.35 -1.35 0.00	29.88 -1.08 0.00	28.15 -0.46 0.00
HUNTLEY___66 23560	27.12 0.11 0.00	24.78 -0.07 0.00	22.60 -0.44 0.00	21.53 -0.73 0.00	21.49 -0.94 0.00	21.77 -0.95 0.00	24.34 -0.25 0.00	24.56 -0.89 0.00	27.14 -0.61 0.00	28.95 -0.77 0.00	30.56 -0.78 0.00	32.63 -0.50 0.00	34.81 -0.28 0.00	37.71 -0.15 0.00	39.24 -0.24 -0.03	39.62 -0.60 -0.03	44.36 -1.14 -0.03	47.92 -2.20 -0.02	45.98 -1.81 -0.03	39.43 -1.90 0.00	35.84 -1.34 0.00	32.35 -1.35 0.00	29.88 -1.08 0.00	28.15 -0.46 0.00



HUNTLEY___67 23561	26.93 -0.08 0.00	24.60 -0.25 0.00	22.49 -0.55 0.00	21.41 -0.85 0.00	21.38 -1.05 0.00	21.66 -1.07 0.00	24.19 -0.39 0.00	24.41 -1.04 0.00	26.95 -0.80 0.00	28.77 -0.95 0.00	30.34 -1.00 0.00	32.37 -0.76 0.00	34.49 -0.60 0.00	37.33 -0.53 0.00	38.78 -0.67 0.00	39.19 -1.00 0.00	43.88 -1.59 0.00	47.44 -2.66 0.01	45.57 -2.20 0.00	39.14 -2.19 0.00	35.58 -1.60 0.00	32.11 -1.58 0.00	29.69 -1.27 0.00	27.95 -0.66 0.00
HUNTLEY___68 23562	26.93 -0.08 0.00	24.60 -0.25 0.00	22.49 -0.55 0.00	21.41 -0.85 0.00	21.38 -1.05 0.00	21.66 -1.07 0.00	24.19 -0.39 0.00	24.41 -1.04 0.00	26.95 -0.80 0.00	28.77 -0.95 0.00	30.34 -1.00 0.00	32.37 -0.76 0.00	34.49 -0.60 0.00	37.33 -0.53 0.00	38.78 -0.67 0.00	39.19 -1.00 0.00	43.88 -1.59 0.00	47.44 -2.66 0.01	45.57 -2.20 0.00	39.14 -2.19 0.00	35.58 -1.60 0.00	32.11 -1.58 0.00	29.69 -1.27 0.00	27.95 -0.66 0.00
HYLAND___LFGE 323620	28.72 1.70 0.00	26.27 1.42 0.00	23.99 0.95 0.00	22.86 0.60 0.00	23.09 0.65 0.00	23.32 0.59 0.00	25.76 1.18 0.00	25.96 0.51 0.00	28.09 0.33 0.00	29.78 0.06 0.00	31.38 0.03 0.00	33.13 0.00 0.00	34.11 -0.98 0.00	36.72 -1.13 0.00	38.58 -0.87 0.00	39.07 -1.13 0.00	44.11 -1.36 0.00	48.70 -1.40 0.01	47.67 -0.10 0.00	41.91 0.58 0.00	38.15 0.97 0.00	35.51 1.82 0.00	32.48 1.52 0.00	30.21 1.60 0.00
INDECK___CORINTH 23802	28.26 1.24 0.00	25.92 1.07 0.00	23.87 0.83 0.00	23.04 0.78 0.00	23.22 0.78 0.00	23.57 0.84 0.00	25.54 0.96 0.00	26.52 1.07 0.00	28.97 1.22 0.00	31.00 1.28 0.00	32.35 1.19 0.18	34.29 1.36 0.20	36.35 1.47 0.21	38.81 1.32 0.37	40.57 1.54 0.41	41.88 1.69 0.00	46.85 1.82 0.44	52.41 2.31 0.00	50.58 2.82 0.00	43.94 2.61 0.00	39.60 2.42 0.00	35.95 2.26 0.00	32.88 1.92 0.00	30.15 1.54 0.00
INDECK___ILION 23567	27.47 0.46 0.00	25.25 0.40 0.00	23.34 0.30 0.00	22.55 0.29 0.00	22.73 0.29 0.00	23.04 0.32 0.00	25.00 0.42 0.00	25.86 0.41 0.00	28.17 0.42 0.00	30.17 0.45 0.00	31.85 0.50 0.00	33.69 0.56 0.00	35.68 0.60 0.00	38.50 0.64 0.00	40.20 0.75 0.00	40.95 0.76 0.00	46.33 0.86 0.00	51.01 0.90 0.00	48.62 0.86 0.00	42.03 0.70 0.00	37.74 0.56 0.00	34.24 0.54 0.00	31.43 0.46 0.00	29.01 0.40 0.00
INDECK___OLEAN 23982	27.31 0.30 0.00	24.95 0.10 0.00	22.77 -0.28 0.00	21.73 -0.53 0.00	21.88 -0.56 0.00	22.02 -0.70 0.00	24.54 -0.05 0.00	24.89 -0.56 0.00	27.50 -0.25 0.00	29.43 -0.30 0.00	31.10 -0.25 0.00	33.13 0.00 0.00	35.34 0.25 0.00	38.12 0.27 0.00	39.76 0.31 0.00	40.27 0.08 0.00	45.16 -0.32 0.00	49.00 -1.10 0.00	46.81 -0.95 0.00	40.22 -1.11 0.00	36.51 -0.67 0.00	33.02 -0.67 0.00	30.31 -0.65 0.00	28.41 -0.20 0.00
INDECK___OSWEGO 23783	26.53 -0.49 0.00	24.48 -0.37 0.00	22.58 -0.46 0.00	21.77 -0.49 0.00	21.97 -0.47 0.00	22.23 -0.50 0.00	24.17 -0.42 0.00	24.89 -0.56 0.00	28.86 -0.58 -1.69	31.47 -0.59 -2.34	33.18 -0.56 -2.40	35.41 -0.56 -2.85	37.02 -0.56 -2.49	40.84 -0.57 -3.55	41.53 -0.91 -2.99	42.13 -0.96 -2.90	49.31 -1.13 -4.97	53.70 -1.35 -4.95	50.24 -1.24 -3.72	43.02 -1.03 -2.72	38.38 -0.60 -1.79	34.77 -0.50 -1.58	30.80 -0.46 -0.30	28.36 -0.46 -0.21
INDECK___YERKES 23781	27.15 0.14 0.00	24.80 -0.05 0.00	22.65 -0.39 0.00	21.55 -0.71 0.00	21.72 -0.72 0.00	21.82 -0.91 0.00	24.36 -0.22 0.00	24.59 -0.87 0.00	27.26 -0.50 0.00	29.01 -0.71 0.00	30.78 -0.56 0.00	32.73 -0.40 0.00	34.98 -0.10 0.00	37.78 -0.08 0.00	39.40 -0.08 -0.03	39.66 -0.56 -0.03	44.41 -1.09 -0.03	47.97 -2.15 -0.02	46.02 -1.77 -0.03	39.51 -1.82 0.00	35.88 -1.30 0.00	32.45 -1.25 0.00	29.91 -1.05 0.00	28.18 -0.43 0.00
INDIAN POINT_GT_1 24139	28.99 1.97 0.00	26.37 1.52 0.00	24.17 1.13 0.00	23.35 1.09 0.00	23.56 1.12 0.00	23.86 1.14 0.00	26.13 1.55 0.00	27.36 1.91 0.00	29.89 2.14 0.00	32.01 2.29 0.00	34.14 2.60 -0.19	35.99 2.65 -0.21	38.08 2.77 -0.22	41.16 2.91 -0.39	42.88 3.00 -0.43	43.29 3.09 0.00	49.61 3.68 -0.46	54.31 4.21 0.00	51.44 3.68 0.00	44.51 3.18 0.00	40.08 2.90 0.00	36.43 2.73 0.00	33.53 2.57 0.00	30.84 2.23 0.00
INDIAN POINT_GT_2 23659	28.99 1.97 0.00	26.37 1.52 0.00	24.17 1.13 0.00	23.35 1.09 0.00	23.56 1.12 0.00	23.86 1.14 0.00	26.13 1.55 0.00	27.36 1.91 0.00	29.89 2.14 0.00	32.01 2.29 0.00	34.14 2.60 -0.19	35.99 2.65 -0.21	38.08 2.77 -0.22	41.16 2.91 -0.39	42.88 3.00 -0.43	43.29 3.09 0.00	49.61 3.68 -0.46	54.31 4.21 0.00	51.44 3.68 0.00	44.51 3.18 0.00	40.08 2.90 0.00	36.43 2.73 0.00	33.53 2.57 0.00	30.84 2.23 0.00
INDIAN POINT_GT_3 24019	28.99 1.97 0.00	26.37 1.52 0.00	24.17 1.13 0.00	23.35 1.09 0.00	23.56 1.12 0.00	23.86 1.14 0.00	26.13 1.55 0.00	27.36 1.91 0.00	29.89 2.14 0.00	32.01 2.29 0.00	34.14 2.60 -0.19	35.99 2.65 -0.21	38.08 2.77 -0.22	41.16 2.91 -0.39	42.88 3.00 -0.43	43.29 3.09 0.00	49.61 3.68 -0.46	54.31 4.21 0.00	51.44 3.68 0.00	44.51 3.18 0.00	40.08 2.90 0.00	36.43 2.73 0.00	33.53 2.57 0.00	30.84 2.23 0.00
INDIAN POINT___2 23530	28.96 1.95 0.00	26.37 1.52 0.00	24.15 1.11 0.00	23.33 1.07 0.00	23.47 1.03 0.00	23.84 1.11 0.00	26.11 1.52 0.00	27.34 1.88 0.00	29.81 2.05 0.00	31.95 2.23 0.00	34.04 2.51 -0.18	35.88 2.55 -0.20	37.96 2.67 -0.21	41.07 2.84 -0.37	42.74 2.88 -0.42	43.17 2.97 0.00	49.46 3.55 -0.44	54.11 4.01 0.00	51.30 3.53 0.00	44.35 3.02 0.00	39.97 2.79 0.00	36.33 2.63 0.00	33.47 2.51 0.00	30.78 2.17 0.00
INDIAN POINT___3 23531	28.93 1.92 0.00	26.34 1.49 0.00	24.15 1.11 0.00	23.33 1.07 0.00	23.54 1.10 0.00	23.84 1.11 0.00	26.08 1.50 0.00	27.34 1.88 0.00	29.84 2.08 0.00	31.95 2.23 0.00	34.05 2.51 -0.19	35.89 2.55 -0.21	37.97 2.67 -0.22	41.04 2.80 -0.39	42.76 2.88 -0.43	43.13 2.93 0.00	49.43 3.50 -0.46	54.11 4.01 0.00	51.25 3.49 0.00	44.35 3.02 0.00	39.97 2.79 0.00	36.32 2.63 0.00	33.44 2.48 0.00	30.75 2.15 0.00
INGHAM_C_115KV_TB7 356103	27.66 0.65 0.00	25.45 0.60 0.00	23.48 0.44 0.00	22.70 0.45 0.00	22.89 0.45 0.00	23.23 0.50 0.00	25.20 0.61 0.00	26.04 0.59 0.00	28.37 0.61 0.00	30.38 0.65 0.00	32.07 0.72 0.00	33.96 0.83 0.00	35.93 0.84 0.00	38.77 0.91 0.00	40.51 1.07 0.00	41.24 1.04 0.00	46.61 1.14 0.00	51.26 1.15 0.00	48.81 1.05 0.00	42.16 0.83 0.00	37.82 0.63 0.00	34.30 0.61 0.00	31.49 0.53 0.00	29.10 0.49 0.00
IP CORINTH___1 23988	28.42 1.40 0.00	26.09 1.24 0.00	24.01 0.97 0.00	23.15 0.89 0.00	23.36 0.92 0.00	23.68 0.95 0.00	25.69 1.11 0.00	26.67 1.22 0.00	29.14 1.39 0.00	31.18 1.46 0.00	32.54 1.38 0.18	34.48 1.56 0.20	36.56 1.68 0.21	39.04 1.55 0.37	40.81 1.78 0.41	42.12 1.93 0.00	47.12 2.09 0.44	52.71 2.61 0.00	50.87 3.10 0.00	44.14 2.81 0.00	39.82 2.64 0.00	36.16 2.46 0.00	33.07 2.11 0.00	30.33 1.72 0.00

IP__TICONDEROGA 23804	30.01 3.00 0.00	27.56 2.71 0.00	25.28 2.23 0.00	24.31 2.05 0.00	24.50 2.06 0.00	24.93 2.20 0.00	27.09 2.51 0.00	28.07 2.62 0.00	30.75 3.00 0.00	32.90 3.18 0.00	34.42 3.26 0.19	36.60 3.68 0.20	38.84 3.96 0.21	41.42 3.94 0.38	43.36 4.34 0.42	44.77 4.58 0.00	49.97 4.96 0.45	56.12 6.01 0.00	54.21 6.45 0.00	47.04 5.70 0.00	42.46 5.28 0.00	38.58 4.89 0.00	35.17 4.21 0.00	32.16 3.55 0.00
ISLIP_RES_REC 323679	32.52 3.13 -2.37	31.83 2.58 -4.40	31.15 2.05 -6.06	26.89 1.98 -2.65	26.83 1.97 -2.42	29.68 2.05 -4.90	29.55 2.56 -2.41	31.29 3.00 -2.83	32.21 3.36 -1.10	33.32 3.59 0.00	39.40 4.01 -4.04	53.48 4.14 -16.21	65.93 4.39 -26.46	101.43 4.66 -58.91	127.55 4.73 -83.37	81.04 4.66 -36.19	128.02 5.50 -77.06	128.37 6.21 -72.05	69.25 5.49 -16.00	47.57 4.96 -1.28	42.22 4.57 -0.47	40.12 4.18 -2.25	35.67 3.90 -0.81	34.94 3.43 -2.90
JAMAICA__27_KV_LOAD 355505	29.66 2.65 0.00	26.81 1.96 0.00	24.54 1.50 0.00	23.71 1.45 0.00	23.87 1.44 0.00	24.23 1.50 0.00	26.65 2.07 0.00	28.00 2.55 0.00	30.56 2.80 0.00	32.75 3.03 0.00	34.99 3.45 -0.20	36.92 3.58 -0.21	39.07 3.75 -0.22	42.23 3.97 -0.39	44.03 4.14 -0.44	44.37 4.18 0.00	53.48 5.14 -2.87	55.87 5.76 0.00	52.87 5.11 0.00	45.67 4.34 0.00	41.16 3.98 0.00	37.30 3.61 0.00	34.31 3.34 0.00	31.64 3.03 0.00
JANIS__SOLAR 323808	28.63 1.62 0.00	26.34 1.49 0.00	24.10 1.06 0.00	23.24 0.98 0.00	23.40 0.96 0.00	23.77 1.05 0.00	26.03 1.45 0.00	26.80 1.35 0.00	29.35 1.28 -0.32	31.45 1.28 -0.45	33.15 1.35 -0.46	35.19 1.52 -0.54	37.28 1.72 -0.47	40.50 1.97 -0.68	42.34 2.33 -0.57	43.16 2.41 -0.55	49.24 2.82 -0.95	54.10 3.06 -0.94	51.76 3.29 -0.71	44.74 2.89 -0.52	40.17 2.64 -0.34	36.42 2.43 -0.30	33.00 1.98 -0.06	30.42 1.77 -0.04
JARVIS____ 23743	27.26 0.24 0.00	25.05 0.20 0.00	23.16 0.12 0.00	22.39 0.13 0.00	22.55 0.11 0.00	22.86 0.14 0.00	24.78 0.20 0.00	25.66 0.20 0.00	27.95 0.20 0.00	29.93 0.21 0.00	31.60 0.25 0.00	33.42 0.30 0.00	35.37 0.28 0.00	38.16 0.30 0.00	39.80 0.35 0.00	40.55 0.36 0.00	45.88 0.41 0.00	50.55 0.45 0.00	48.19 0.43 0.00	41.70 0.37 0.00	37.52 0.33 0.00	34.00 0.30 0.00	31.24 0.28 0.00	28.84 0.23 0.00
JENNISON__1 23625	28.80 1.78 0.00	26.44 1.59 0.00	24.19 1.15 0.00	23.35 1.09 0.00	23.49 1.05 0.00	23.91 1.18 0.00	26.18 1.60 0.00	27.01 1.55 0.00	29.56 1.58 -0.23	31.73 1.69 -0.31	33.52 1.85 -0.32	35.66 2.15 -0.38	37.77 2.35 -0.33	40.94 2.61 -0.48	42.88 3.04 -0.40	43.71 3.13 -0.39	49.68 3.55 -0.67	54.47 3.71 -0.66	52.03 3.77 -0.50	44.92 3.22 -0.36	40.29 2.86 -0.24	36.57 2.66 -0.21	33.17 2.17 -0.04	30.61 1.97 -0.03
JENNISON__2 23626	28.80 1.78 0.00	26.44 1.59 0.00	24.19 1.15 0.00	23.35 1.09 0.00	23.49 1.05 0.00	23.91 1.18 0.00	26.18 1.60 0.00	27.01 1.55 0.00	29.56 1.58 -0.23	31.73 1.69 -0.31	33.52 1.85 -0.32	35.66 2.15 -0.38	37.77 2.35 -0.33	40.94 2.61 -0.48	42.88 3.04 -0.40	43.71 3.13 -0.39	49.68 3.55 -0.67	54.47 3.71 -0.66	52.03 3.77 -0.50	44.92 3.22 -0.36	40.29 2.86 -0.24	36.57 2.66 -0.21	33.17 2.17 -0.04	30.61 1.97 -0.03
JERICHO_RISE_WT_PWR 323719	26.39 -0.62 0.00	24.38 -0.47 0.00	22.90 -0.14 0.00	22.16 -0.09 0.01	22.39 -0.04 0.00	22.70 -0.02 0.00	24.34 -0.25 0.00	25.17 -0.28 0.00	27.53 -0.22 0.00	29.48 -0.24 0.00	31.00 -0.34 0.00	32.73 -0.40 0.00	34.67 -0.42 0.00	37.33 -0.53 0.00	38.86 -0.59 0.00	39.67 -0.52 0.00	44.83 -0.64 0.00	49.55 -0.55 0.00	47.09 -0.67 0.00	40.63 -0.70 0.00	36.48 -0.71 0.00	32.82 -0.88 0.00	29.97 -0.99 0.00	27.78 -0.83 0.00
KATONAH__115KV_46KV_TB4 355592	29.15 2.13 0.00	26.51 1.66 0.00	24.31 1.27 0.00	23.48 1.22 0.00	23.67 1.23 0.00	24.00 1.27 0.00	26.28 1.70 0.00	27.54 2.09 0.00	30.17 2.41 0.00	32.34 2.62 0.00	34.52 2.98 -0.19	36.39 3.05 -0.21	38.54 3.23 -0.22	41.77 3.52 -0.39	43.55 3.67 -0.44	43.93 3.74 0.00	50.35 4.41 -0.47	55.06 4.96 0.00	52.16 4.39 0.00	45.09 3.76 0.00	40.46 3.27 0.00	36.76 3.07 0.00	33.84 2.88 0.00	31.07 2.46 0.00
KCE_NY_1 323755	28.55 1.54 0.00	26.19 1.34 0.00	24.12 1.08 0.00	23.28 1.02 0.00	23.47 1.03 0.00	23.80 1.07 0.00	25.81 1.23 0.00	26.80 1.35 0.00	29.22 1.47 0.00	31.27 1.54 0.00	32.75 1.60 0.19	34.67 1.75 0.21	36.73 1.86 0.22	39.36 1.89 0.39	41.10 2.09 0.44	42.40 2.21 0.00	47.46 2.45 0.46	53.06 2.96 0.00	50.87 3.10 0.00	44.10 2.77 0.00	39.67 2.49 0.00	36.02 2.32 0.00	33.07 2.11 0.00	30.35 1.75 0.00
KCE_NY_6_ESR 323823	27.34 0.33 0.00	24.97 0.12 0.00	22.79 -0.25 0.00	21.70 -0.56 0.00	21.88 -0.56 0.00	22.00 -0.73 0.00	24.54 -0.05 0.00	24.82 -0.64 0.00	27.48 -0.28 0.00	29.31 -0.42 0.00	31.06 -0.28 0.00	33.03 -0.10 0.00	35.30 0.21 0.00	38.09 0.23 0.00	39.73 0.28 -0.01	40.08 -0.12 -0.01	44.84 -0.01 -0.01	48.50 -1.61 0.00	46.48 -1.29 -0.01	39.88 -1.45 0.00	36.25 -0.93 0.00	32.75 -0.94 0.00	30.19 -0.77 0.00	28.38 -0.23 0.00
KEDC_PORT_JEFF_GT2 24210	32.27 2.89 -2.37	31.61 2.36 -4.40	30.96 1.87 -6.06	26.71 1.80 -2.65	26.65 1.80 -2.42	29.50 1.86 -4.90	29.36 2.36 -2.41	31.06 2.77 -2.83	31.91 3.05 -1.10	32.99 3.27 0.00	39.10 3.54 -4.22	49.74 3.45 -13.17	70.35 3.65 -31.61	113.73 3.82 -72.05	145.03 3.83 -101.75	88.28 3.78 -44.31	144.22 4.50 -94.25	143.44 5.11 -88.23	71.90 4.54 -19.59	46.99 4.09 -1.57	41.74 3.98 -0.57	39.47 3.64 -2.14	35.33 3.56 -0.81	34.63 3.12 -2.90
KEDC_PORT_JEFF_GT3 24211	32.27 2.89 -2.37	31.61 2.36 -4.40	30.96 1.87 -6.06	26.71 1.80 -2.65	26.65 1.80 -2.42	29.50 1.86 -4.90	29.36 2.36 -2.41	31.06 2.77 -2.83	31.91 3.05 -1.10	32.99 3.27 0.00	39.10 3.54 -4.22	49.74 3.45 -13.17	70.35 3.65 -31.61	113.73 3.82 -72.05	145.03 3.83 -101.75	88.28 3.78 -44.31	144.22 4.50 -94.25	143.44 5.11 -88.23	71.90 4.54 -19.59	46.99 4.09 -1.57	41.74 3.98 -0.57	39.47 3.64 -2.14	35.33 3.56 -0.81	34.63 3.12 -2.90
KEDC_GLWD_GT4 24219	32.11 2.73 -2.37	31.46 2.21 -4.40	30.83 1.73 -6.06	26.56 1.65 -2.65	26.47 1.62 -2.42	29.34 1.71 -4.90	29.18 2.19 -2.41	30.88 2.60 -2.83	31.77 2.91 -1.10	32.87 3.15 0.00	38.32 3.60 -3.37	39.81 3.78 -2.91	42.70 3.96 -3.65	42.49 4.24 -0.39	44.86 3.94 -1.47	44.13 3.94 0.00	50.58 4.64 -0.47	55.31 5.21 0.00	52.35 4.59 0.00	45.34 4.01 0.00	41.16 3.98 0.00	39.19 3.74 -1.76	35.24 3.47 -0.81	34.57 3.06 -2.90
KEDC_GLWD_GT5 24220	32.11 2.73 -2.37	31.46 2.21 -4.40	30.83 1.73 -6.06	26.56 1.65 -2.65	26.47 1.62 -2.42	29.34 1.71 -4.90	29.18 2.19 -2.41	30.88 2.60 -2.83	31.77 2.91 -1.10	32.87 3.15 0.00	38.32 3.60 -3.37	39.81 3.78 -2.91	42.70 3.96 -3.65	42.49 4.24 -0.39	44.86 3.94 -1.47	44.13 3.94 0.00	50.58 4.64 -0.47	55.31 5.21 0.00	52.35 4.59 0.00	45.34 4.01 0.00	41.16 3.98 0.00	39.19 3.74 -1.76	35.24 3.47 -0.81	34.57 3.06 -2.90

KENSICO____ 23655	29.09 2.08 0.00	26.47 1.62 0.00	24.24 1.20 0.00	23.44 1.18 0.00	23.63 1.19 0.00	23.93 1.20 0.00	26.23 1.65 0.00	27.49 2.04 0.00	30.00 2.25 0.00	32.16 2.44 0.00	34.30 2.76 -0.20	36.16 2.82 -0.21	38.26 2.95 -0.22	41.35 3.10 -0.39	43.08 3.20 -0.44	43.45 3.26 0.00	49.85 3.91 -0.47	54.51 4.41 0.00	51.63 3.87 0.00	44.68 3.35 0.00	40.23 3.05 0.00	36.56 2.86 0.00	33.62 2.66 0.00	30.95 2.35 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	29.01 2.00 0.00	26.42 1.57 0.00	24.19 1.15 0.00	23.37 1.11 0.00	23.56 1.12 0.00	23.91 1.18 0.00	26.11 1.52 0.00	27.31 1.86 0.00	29.64 1.89 0.00	31.74 2.02 0.00	33.77 2.32 -0.11	35.56 2.32 -0.12	37.84 2.63 -0.12	40.69 2.61 -0.22	42.45 2.76 -0.24	43.00 2.81 0.00	49.23 3.50 -0.26	54.06 3.96 0.00	51.34 3.58 0.00	44.39 3.06 0.00	39.90 2.71 0.00	36.53 2.83 0.00	33.50 2.54 0.00	30.81 2.20 0.00
KIAC_JFK_GT1 23816	29.50 2.49 0.00	26.66 1.81 0.00	24.40 1.36 0.00	23.57 1.31 0.00	23.74 1.30 0.00	24.09 1.36 0.00	26.50 1.92 0.00	27.85 2.39 0.00	30.28 2.53 0.00	32.46 2.73 0.00	34.68 3.13 -0.20	36.55 3.21 -0.21	38.68 3.37 -0.22	41.81 3.56 -0.39	43.60 3.71 -0.44	43.97 3.78 0.00	52.93 4.59 -2.87	55.26 5.16 0.00	52.30 4.54 0.00	45.22 3.89 0.00	40.75 3.57 0.00	36.93 3.23 0.00	34.00 3.03 0.00	31.41 2.80 0.00
KIAC_JFK_GT2 23817	29.50 2.49 0.00	26.66 1.81 0.00	24.40 1.36 0.00	23.57 1.31 0.00	23.74 1.30 0.00	24.09 1.36 0.00	26.50 1.92 0.00	27.85 2.39 0.00	30.28 2.53 0.00	32.46 2.73 0.00	34.68 3.13 -0.20	36.55 3.21 -0.21	38.68 3.37 -0.22	41.81 3.56 -0.39	43.60 3.71 -0.44	43.97 3.78 0.00	52.93 4.59 -2.87	55.26 5.16 0.00	52.30 4.54 0.00	45.22 3.89 0.00	40.75 3.57 0.00	36.93 3.23 0.00	34.00 3.03 0.00	31.41 2.80 0.00
KIAC_JFK____ 323774	29.50 2.48 0.00	26.69 1.84 0.00	24.40 1.36 0.00	23.53 1.27 0.00	23.67 1.23 0.00	24.09 1.36 0.00	26.50 1.92 0.00	27.84 2.39 0.00	30.25 2.50 0.00	32.46 2.73 0.00	34.68 3.13 -0.20	36.59 3.25 -0.21	38.65 3.34 -0.22	41.81 3.56 -0.39	43.56 3.67 -0.44	43.97 3.78 0.00	52.93 4.59 -2.87	55.27 5.16 0.00	52.30 4.54 0.00	45.22 3.88 0.00	40.72 3.53 0.00	36.93 3.24 0.00	34.00 3.04 0.00	31.27 2.66 0.00
KINTIGH____ 23543	26.77 -0.24 0.00	24.50 -0.35 0.00	22.42 -0.62 0.00	21.39 -0.87 0.00	21.41 -1.03 0.00	21.66 -1.07 0.00	24.12 -0.47 0.00	24.46 -0.99 0.00	26.95 -0.80 0.00	28.74 -0.98 0.00	30.31 -1.03 0.00	32.23 -0.89 0.00	34.32 -0.77 0.00	37.14 -0.72 0.00	38.62 -0.83 0.00	39.02 -1.17 0.00	43.78 -1.68 0.00	47.54 -2.56 0.01	45.61 -2.15 0.00	39.31 -2.03 0.00	35.66 -1.52 0.00	32.18 -1.52 0.00	29.72 -1.24 0.00	27.89 -0.72 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	26.82 -0.19 0.00	24.78 -0.07 0.00	23.25 0.21 0.00	22.50 0.24 0.00	22.71 0.27 0.00	23.04 0.32 0.00	24.76 0.17 0.00	25.63 0.18 0.00	28.06 0.31 0.00	30.05 0.33 0.00	31.60 0.25 0.00	33.36 0.23 0.00	35.33 0.25 0.00	38.08 0.23 0.00	39.60 0.16 0.00	40.43 0.24 0.00	45.74 0.27 0.00	50.60 0.50 0.00	48.05 0.29 0.00	41.46 0.12 0.00	37.22 0.04 0.00	33.39 -0.30 0.00	30.47 -0.50 0.00	28.24 -0.37 0.00
LACHUTE__HYDRO 323717	30.01 3.00 0.00	27.56 2.71 0.00	25.28 2.23 0.00	24.33 2.07 0.00	24.50 2.06 0.00	24.93 2.20 0.00	27.09 2.51 0.00	28.08 2.62 0.00	30.75 3.00 0.00	32.90 3.18 0.00	34.39 3.23 0.19	36.60 3.68 0.20	38.84 3.96 0.21	41.42 3.94 0.38	43.36 4.34 0.42	44.77 4.58 0.00	49.98 4.96 0.45	56.11 6.01 0.00	54.21 6.45 0.00	47.04 5.71 0.00	42.46 5.28 0.00	38.58 4.88 0.00	35.17 4.21 0.00	32.13 3.52 0.00
LAWRNCALV_115KV_TB1 80681	25.55 -1.46 0.00	23.61 -1.24 0.00	22.17 -0.88 0.00	21.34 -0.82 0.09	21.61 -0.83 0.00	21.95 -0.77 0.00	23.48 -1.11 0.00	24.28 -1.17 0.00	26.48 -1.28 0.00	28.41 -1.31 0.00	29.87 -1.47 0.00	31.54 -1.59 0.00	33.37 -1.72 0.00	35.96 -1.89 0.00	37.51 -1.93 0.00	38.26 -1.93 0.00	43.29 -2.18 0.00	47.90 -2.20 0.00	45.80 -1.96 0.00	39.64 -1.69 0.00	35.62 -1.56 0.00	32.11 -1.58 0.00	29.32 -1.64 0.00	27.18 -1.43 0.00
LEDERLE____ 23769	29.07 2.05 0.00	26.44 1.59 0.00	24.24 1.20 0.00	23.42 1.16 0.00	23.60 1.17 0.00	23.93 1.20 0.00	26.18 1.60 0.00	27.44 1.99 0.00	29.92 2.16 0.00	32.07 2.35 0.00	34.16 2.63 -0.18	35.97 2.65 -0.19	38.10 2.81 -0.20	41.17 2.95 -0.36	42.88 3.04 -0.40	43.33 3.13 0.00	49.62 3.73 -0.43	54.31 4.21 0.00	51.44 3.68 0.00	44.47 3.14 0.00	40.12 2.94 0.00	36.46 2.76 0.00	33.56 2.60 0.00	30.87 2.26 0.00
LIGHTRSE_115KV_TB6 355974	26.72 -0.30 0.00	24.63 -0.22 0.00	22.67 -0.37 0.00	21.87 -0.38 0.01	22.03 -0.40 0.00	22.32 -0.41 0.00	24.26 -0.32 0.00	24.99 -0.46 0.00	28.13 -0.53 -0.91	30.50 -0.48 -1.26	32.20 -0.44 -1.29	34.26 -0.40 -1.53	36.04 -0.39 -1.34	39.39 -0.38 -1.91	40.62 -0.43 -1.61	41.23 -0.52 -1.56	47.51 -0.64 -2.67	52.01 -0.75 -2.66	49.24 -0.53 -2.00	42.42 -0.37 -1.46	37.92 -0.22 -0.96	34.41 -0.13 -0.85	30.94 -0.19 -0.16	28.52 -0.20 -0.11
LINDEN COGEN____ 23786	29.25 2.24 0.00	26.54 1.69 0.00	24.26 1.22 0.00	23.42 1.16 0.00	23.56 1.12 0.00	23.93 1.20 0.00	26.30 1.72 0.00	27.62 2.16 0.00	30.17 2.41 0.00	32.34 2.62 0.00	34.52 2.98 -0.20	36.39 3.05 -0.21	38.40 3.09 -0.22	41.51 3.26 -0.39	43.24 3.35 -0.44	43.65 3.46 0.00	52.52 4.18 -2.87	54.81 4.71 0.00	51.87 4.11 0.00	44.84 3.51 0.00	40.34 3.16 0.00	36.69 3.00 0.00	33.87 2.91 0.00	31.18 2.58 0.00
LINDHRST_69_KV_BK1 356055	32.38 3.00 -2.37	31.66 2.41 -4.40	31.03 1.94 -6.06	26.78 1.87 -2.65	26.74 1.88 -2.42	29.56 1.93 -4.90	29.43 2.43 -2.41	31.14 2.85 -2.83	32.02 3.16 -1.10	33.05 3.33 0.00	38.48 3.76 -3.37	46.61 3.88 -9.60	44.84 4.11 -5.65	47.95 4.32 -5.78	52.68 4.22 -9.01	47.82 4.30 -3.33	58.08 5.09 -7.52	62.55 5.81 -6.63	54.35 5.11 -1.47	46.08 4.63 -0.12	41.39 4.16 -0.04	39.71 4.01 -2.01	35.49 3.72 -0.81	34.80 3.29 -2.90
LIPA_MISC_IPP 23656	32.22 2.84 -2.37	31.54 2.29 -4.40	30.92 1.82 -6.06	26.69 1.78 -2.65	26.65 1.79 -2.42	29.45 1.82 -4.90	29.31 2.31 -2.41	31.01 2.72 -2.83	31.91 3.05 -1.10	32.93 3.21 0.00	39.11 3.67 -4.10	51.19 3.78 -14.29	66.35 4.00 -27.26	102.98 4.28 -60.85	129.71 4.18 -86.08	81.79 4.22 -37.38	130.06 5.00 -79.59	130.30 5.76 -74.44	69.31 5.02 -16.53	47.24 4.59 -1.32	41.75 4.09 -0.48	39.71 3.84 -2.18	35.33 3.56 -0.81	34.65 3.15 -2.90
LISF__SOLAR 323691	32.30 2.92 -2.37	31.64 2.39 -4.40	30.99 1.89 -6.06	26.74 1.83 -2.65	26.65 1.80 -2.42	29.50 1.86 -4.90	29.36 2.36 -2.41	31.06 2.77 -2.83	31.96 3.11 -1.10	33.05 3.33 0.00	39.18 3.73 -4.10	51.35 3.87 -14.35	66.79 4.10 -27.60	103.97 4.39 -61.72	131.12 4.38 -87.30	82.49 4.38 -37.92	131.33 5.14 -80.73	131.47 5.86 -75.51	69.74 5.21 -16.77	47.34 4.67 -1.34	41.98 4.31 -0.49	39.82 3.94 -2.18	35.45 3.68 -0.81	34.71 3.20 -2.90





MID___OSWEGATCHIE_HYD 23849	25.88 -1.13 0.00	23.88 -0.97 0.00	22.21 -0.83 0.00	21.42 -0.78 0.06	21.65 -0.79 0.00	22.02 -0.70 0.00	23.70 -0.89 0.00	24.49 -0.97 0.00	26.85 -1.14 -0.23	28.89 -1.16 -0.32	30.43 -1.25 -0.33	32.20 -1.33 -0.39	34.03 -1.40 -0.35	36.83 -1.51 -0.49	38.36 -1.50 -0.41	39.11 -1.49 -0.40	44.52 -1.64 -0.69	49.13 -1.65 -0.68	46.94 -1.34 -0.51	40.68 -1.03 -0.38	36.46 -0.97 -0.25	33.00 -0.91 -0.22	29.92 -1.08 -0.04	27.61 -1.03 -0.03
MID___RAQUETTE_HYD 23851	25.39 -1.62 0.00	23.48 -1.37 0.00	22.03 -1.01 0.00	21.24 -0.93 0.09	21.49 -0.94 0.00	21.84 -0.89 0.00	23.36 -1.23 0.00	24.15 -1.30 0.00	26.46 -1.42 -0.12	28.43 -1.46 -0.16	29.88 -1.63 -0.17	31.57 -1.76 -0.20	33.37 -1.89 -0.17	36.02 -2.08 -0.25	37.53 -2.13 -0.21	38.26 -2.13 -0.20	43.45 -2.36 -0.35	47.99 -2.46 -0.34	45.92 -2.10 -0.26	39.70 -1.82 -0.19	35.64 -1.67 -0.13	32.12 -1.68 -0.11	29.22 -1.76 -0.02	27.08 -1.54 -0.01
MILLIKEN___1 23584	27.85 0.84 0.00	25.62 0.77 0.00	23.52 0.48 0.00	22.64 0.38 0.00	22.80 0.36 0.00	23.11 0.39 0.00	25.27 0.69 0.00	26.11 0.66 0.00	28.91 0.72 -0.43	31.10 0.77 -0.60	32.78 0.82 -0.62	34.82 0.96 -0.73	36.82 1.09 -0.64	40.05 1.29 -0.91	41.60 1.38 -0.77	42.34 1.41 -0.74	48.34 1.59 -1.28	52.92 1.55 -1.27	50.39 1.67 -0.95	43.44 1.41 -0.70	38.98 1.34 -0.46	35.31 1.21 -0.41	32.09 1.05 -0.08	29.61 0.94 -0.05
MILLIKEN___2 23585	27.85 0.84 0.00	25.62 0.77 0.00	23.52 0.48 0.00	22.64 0.38 0.00	22.80 0.36 0.00	23.11 0.39 0.00	25.27 0.69 0.00	26.11 0.66 0.00	28.91 0.72 -0.43	31.10 0.77 -0.60	32.78 0.82 -0.62	34.82 0.96 -0.73	36.82 1.09 -0.64	40.05 1.29 -0.91	41.60 1.38 -0.77	42.34 1.41 -0.74	48.34 1.59 -1.28	52.92 1.55 -1.27	50.39 1.67 -0.95	43.44 1.41 -0.70	38.98 1.34 -0.46	35.31 1.21 -0.41	32.09 1.05 -0.08	29.61 0.94 -0.05
MILLIKEN___DIESEL 23629	27.85 0.84 0.00	25.62 0.77 0.00	23.52 0.48 0.00	22.64 0.38 0.00	22.80 0.36 0.00	23.11 0.39 0.00	25.27 0.69 0.00	26.11 0.66 0.00	28.91 0.72 -0.43	31.10 0.77 -0.60	32.78 0.82 -0.62	34.82 0.96 -0.73	36.82 1.09 -0.64	40.05 1.29 -0.91	41.60 1.38 -0.77	42.34 1.41 -0.74	48.34 1.59 -1.28	52.92 1.55 -1.27	50.39 1.67 -0.95	43.44 1.41 -0.70	38.98 1.34 -0.46	35.31 1.21 -0.41	32.09 1.05 -0.08	29.61 0.94 -0.05
MILLSEAT___LFGE 323607	27.42 0.41 0.00	25.07 0.22 0.00	22.88 -0.16 0.00	21.77 -0.49 0.00	21.97 -0.47 0.00	22.09 -0.64 0.00	24.66 0.07 0.00	24.92 -0.54 0.00	27.56 -0.19 0.00	29.34 -0.39 0.00	31.10 -0.25 0.00	33.03 -0.10 0.00	35.34 0.25 0.00	38.20 0.34 0.00	39.81 0.35 -0.01	40.08 -0.12 -0.01	44.93 -0.54 -0.01	48.80 -1.30 0.00	46.86 -0.91 -0.01	40.30 -1.03 0.00	36.59 -0.60 0.00	33.02 -0.67 0.00	30.37 -0.59 0.00	28.58 -0.03 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	29.01 2.00 0.00	26.39 1.54 0.00	24.19 1.15 0.00	23.37 1.11 0.00	23.58 1.14 0.00	23.89 1.16 0.00	26.16 1.57 0.00	27.39 1.93 0.00	29.92 2.16 0.00	32.04 2.32 -0.19	34.17 2.63 -0.21	36.02 2.68 -0.22	38.12 2.81 -0.22	41.20 2.95 -0.39	42.92 3.04 -0.44	43.33 3.13 0.00	49.66 3.73 -0.47	54.31 4.21 0.00	51.49 3.73 0.00	44.56 3.22 0.00	40.08 2.90 0.00	36.43 2.73 0.00	33.53 2.57 0.00	30.87 2.26 0.00
MILLWOOD_13_KV_LOAD 356217	29.12 2.11 0.00	26.47 1.62 0.00	24.26 1.22 0.00	23.44 1.18 0.00	23.63 1.19 0.00	23.95 1.23 0.00	26.23 1.65 0.00	27.49 2.04 0.00	30.06 2.30 0.00	32.22 2.50 -0.19	34.36 2.82 -0.21	36.22 2.88 -0.22	38.33 3.02 -0.39	41.47 3.22 -0.44	43.20 3.31 0.00	43.61 3.42 -0.47	49.98 4.05 0.00	54.66 4.56 0.00	51.82 4.06 0.00	44.80 3.47 0.00	40.31 3.12 0.00	36.63 2.93 0.00	33.72 2.76 0.00	30.98 2.37 0.00
MODEL_CITY_ENERGY 24167	26.61 -0.40 0.00	24.33 -0.52 0.00	22.21 -0.83 0.00	21.15 -1.11 0.00	21.32 -1.12 0.00	21.41 -1.32 0.00	23.92 -0.66 0.00	24.05 -1.40 0.00	26.64 -1.11 0.00	28.33 -1.40 0.00	30.03 -1.32 0.00	31.87 -1.26 0.00	34.07 -1.02 0.00	36.72 -1.13 0.00	38.27 -1.18 0.00	38.51 -1.69 0.00	43.11 -2.37 0.00	46.65 -3.46 0.00	44.85 -2.92 0.00	38.52 -2.81 0.00	35.07 -2.12 0.00	31.68 -2.02 0.00	29.23 -1.73 0.00	27.58 -1.03 0.00
MODERN_LFGE___ 323580	26.61 -0.40 0.00	24.33 -0.52 0.00	22.21 -0.83 0.00	21.15 -1.11 0.00	21.32 -1.12 0.00	21.41 -1.32 0.00	23.92 -0.66 0.00	24.05 -1.40 0.00	26.64 -1.11 0.00	28.33 -1.40 0.00	30.03 -1.32 0.00	31.87 -1.26 0.00	34.07 -1.02 0.00	36.72 -1.13 0.00	38.27 -1.18 0.00	38.51 -1.69 0.00	43.11 -2.37 0.00	46.65 -3.46 0.00	44.85 -2.92 0.00	38.52 -2.81 0.00	35.07 -2.12 0.00	31.68 -2.02 0.00	29.23 -1.73 0.00	27.58 -1.03 0.00
MOHAWK_PAPER___DRP 24187	28.01 1.00 0.00	25.72 0.87 0.00	23.73 0.69 0.00	22.95 0.69 0.00	23.16 0.72 0.00	23.43 0.70 0.00	25.42 0.84 0.00	26.42 0.97 0.00	28.75 1.00 0.00	30.73 1.01 0.19	32.29 1.13 0.21	34.11 1.19 0.22	36.03 1.16 0.38	38.69 1.21 0.43	40.32 1.30 0.00	41.56 1.37 0.00	46.61 1.59 0.45	52.06 1.95 0.00	49.72 1.96 0.00	43.07 1.74 0.00	38.71 1.52 0.00	35.14 1.45 0.00	32.39 1.42 0.00	29.75 1.14 0.00
MOHICAN___35_KV_115KV_LD 80490	28.63 1.62 0.00	26.29 1.44 0.00	24.17 1.13 0.00	23.31 1.05 0.00	23.51 1.08 0.00	23.86 1.14 0.00	25.89 1.30 0.00	26.88 1.43 0.00	29.36 1.61 0.00	31.39 1.66 0.19	32.82 1.66 0.21	34.78 1.86 0.22	36.87 2.00 0.38	39.37 1.89 0.43	41.15 2.13 0.00	42.48 2.29 0.00	47.51 2.50 0.46	53.21 3.11 0.00	51.25 3.49 0.00	44.51 3.18 0.00	40.12 2.94 0.00	36.43 2.73 0.00	33.32 2.35 0.00	30.55 1.95 0.00
MONGAUP___HYD 23641	28.88 1.86 0.00	26.37 1.52 0.00	24.17 1.13 0.00	23.35 1.09 0.00	23.49 1.05 0.00	23.86 1.14 0.00	26.03 1.45 0.00	27.16 1.71 0.00	29.42 1.67 0.00	31.48 1.75 0.00	33.45 1.94 -0.16	35.25 1.95 -0.17	37.44 2.18 -0.18	40.56 2.39 -0.31	42.20 2.41 -0.35	42.72 2.53 0.00	48.66 2.82 -0.37	53.41 3.31 0.00	50.82 3.06 0.00	43.98 2.65 0.00	39.82 2.64 0.00	36.26 2.56 0.00	33.31 2.35 0.00	30.67 2.06 0.00
MONTAUK___DIESEL 23721	32.81 3.43 -2.37	32.08 2.83 -4.40	31.42 2.33 -6.06	27.20 2.29 -2.65	27.17 2.31 -2.42	29.97 2.34 -4.90	29.80 2.80 -2.41	31.59 3.31 -2.83	32.80 3.94 -1.10	34.09 4.37 0.00	40.78 5.33 -4.10	53.12 5.70 -14.30	68.60 6.11 -27.40	105.54 6.47 -61.21	132.47 6.43 -86.59	84.19 6.39 -37.61	132.99 7.46 -80.07	133.46 8.47 -74.89	71.94 7.55 -16.63	49.31 6.65 -1.33	43.39 5.73 -0.48	41.10 5.22 -2.18	36.32 4.55 -0.81	35.43 3.92 -2.90
MOONROAD_115KV_HARTFLD_TB1-2 355988	28.15 1.13 0.00	25.67 0.82 0.00	23.39 0.35 0.00	22.28 0.02 0.00	22.24 -0.20 0.00	22.52 -0.20 0.00	25.20 0.61 0.00	25.58 0.13 0.00	28.25 0.50 0.00	30.29 0.56 0.00	32.01 0.66 0.00	34.15 1.03 0.00	36.42 1.33 0.00	39.45 1.59 0.00	41.03 1.58 0.00	41.40 1.21 0.00	46.29 0.82 0.00	50.00 -0.10 0.00	47.77 0.00 0.00	40.92 -0.41 0.00	37.03 -0.15 0.00	33.43 -0.27 0.00	30.68 -0.28 0.00	28.64 0.03 0.00



NARROWS_GT1_6 24233	29.65 2.62 -0.02	26.95 2.09 -0.01	24.64 1.59 -0.01	23.78 1.51 -0.01	23.95 1.50 -0.01	24.30 1.57 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.48 2.72 0.00	41.66 2.97 -8.96	38.97 3.36 -4.27	40.91 3.48 -4.31	38.93 3.61 -0.22	42.11 3.86 -0.39	43.87 3.98 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.14 5.41 -7.62	63.16 4.82 -10.58	93.65 4.13 -48.19	63.14 3.72 -22.24	39.44 3.50 -2.24	38.88 3.31 -4.61	31.49 2.86 -0.02
NARROWS_GT1_7 24234	29.65 2.62 -0.02	26.95 2.09 -0.01	24.64 1.59 -0.01	23.78 1.51 -0.01	23.95 1.50 -0.01	24.30 1.57 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.48 2.72 0.00	41.66 2.97 -8.96	38.97 3.36 -4.27	40.91 3.48 -4.31	38.93 3.61 -0.22	42.11 3.86 -0.39	43.87 3.98 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.14 5.41 -7.62	63.16 4.82 -10.58	93.65 4.13 -48.19	63.14 3.72 -22.24	39.44 3.50 -2.24	38.88 3.31 -4.61	31.49 2.86 -0.02
NARROWS_GT1_8 24235	29.65 2.62 -0.02	26.95 2.09 -0.01	24.64 1.59 -0.01	23.78 1.51 -0.01	23.95 1.50 -0.01	24.30 1.57 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.48 2.72 0.00	41.66 2.97 -8.96	38.97 3.36 -4.27	40.91 3.48 -4.31	38.93 3.61 -0.22	42.11 3.86 -0.39	43.87 3.98 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.14 5.41 -7.62	63.16 4.82 -10.58	93.65 4.13 -48.19	63.14 3.72 -22.24	39.44 3.50 -2.24	38.88 3.31 -4.61	31.49 2.86 -0.02
NARROWS_GT2_1 24236	29.65 2.62 -0.02	26.95 2.09 -0.01	24.64 1.59 -0.01	23.78 1.51 -0.01	23.95 1.50 -0.01	24.30 1.57 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.48 2.72 0.00	41.66 2.97 -8.96	38.97 3.36 -4.27	40.91 3.48 -4.31	38.93 3.61 -0.22	42.11 3.86 -0.39	43.87 3.98 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.14 5.41 -7.62	63.16 4.82 -10.58	93.65 4.13 -48.19	63.14 3.72 -22.24	39.44 3.50 -2.24	38.88 3.31 -4.61	31.49 2.86 -0.02
NARROWS_GT2_2 24237	29.65 2.62 -0.02	26.95 2.09 -0.01	24.64 1.59 -0.01	23.78 1.51 -0.01	23.95 1.50 -0.01	24.30 1.57 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.48 2.72 0.00	41.66 2.97 -8.96	38.97 3.36 -4.27	40.91 3.48 -4.31	38.93 3.61 -0.22	42.11 3.86 -0.39	43.87 3.98 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.14 5.41 -7.62	63.16 4.82 -10.58	93.65 4.13 -48.19	63.14 3.72 -22.24	39.44 3.50 -2.24	38.88 3.31 -4.61	31.49 2.86 -0.02
NARROWS_GT2_3 24238	29.65 2.62 -0.02	26.95 2.09 -0.01	24.64 1.59 -0.01	23.78 1.51 -0.01	23.95 1.50 -0.01	24.30 1.57 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.48 2.72 0.00	41.66 2.97 -8.96	38.97 3.36 -4.27	40.91 3.48 -4.31	38.93 3.61 -0.22	42.11 3.86 -0.39	43.87 3.98 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.14 5.41 -7.62	63.16 4.82 -10.58	93.65 4.13 -48.19	63.14 3.72 -22.24	39.44 3.50 -2.24	38.88 3.31 -4.61	31.49 2.86 -0.02
NARROWS_GT2_4 24239	29.65 2.62 -0.02	26.95 2.09 -0.01	24.64 1.59 -0.01	23.78 1.51 -0.01	23.95 1.50 -0.01	24.30 1.57 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.48 2.72 0.00	41.66 2.97 -8.96	38.97 3.36 -4.27	40.91 3.48 -4.31	38.93 3.61 -0.22	42.11 3.86 -0.39	43.87 3.98 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.14 5.41 -7.62	63.16 4.82 -10.58	93.65 4.13 -48.19	63.14 3.72 -22.24	39.44 3.50 -2.24	38.88 3.31 -4.61	31.49 2.86 -0.02
NARROWS_GT2_5 24240	29.65 2.62 -0.02	26.95 2.09 -0.01	24.64 1.59 -0.01	23.78 1.51 -0.01	23.95 1.50 -0.01	24.30 1.57 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.48 2.72 0.00	41.66 2.97 -8.96	38.97 3.36 -4.27	40.91 3.48 -4.31	38.93 3.61 -0.22	42.11 3.86 -0.39	43.87 3.98 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.14 5.41 -7.62	63.16 4.82 -10.58	93.65 4.13 -48.19	63.14 3.72 -22.24	39.44 3.50 -2.24	38.88 3.31 -4.61	31.49 2.86 -0.02
NARROWS_GT2_6 24241	29.65 2.62 -0.02	26.95 2.09 -0.01	24.64 1.59 -0.01	23.78 1.51 -0.01	23.95 1.50 -0.01	24.30 1.57 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.48 2.72 0.00	41.66 2.97 -8.96	38.97 3.36 -4.27	40.91 3.48 -4.31	38.93 3.61 -0.22	42.11 3.86 -0.39	43.87 3.98 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.14 5.41 -7.62	63.16 4.82 -10.58	93.65 4.13 -48.19	63.14 3.72 -22.24	39.44 3.50 -2.24	38.88 3.31 -4.61	31.49 2.86 -0.02
NARROWS_GT2_7 24242	29.65 2.62 -0.02	26.95 2.09 -0.01	24.64 1.59 -0.01	23.78 1.51 -0.01	23.95 1.50 -0.01	24.30 1.57 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.48 2.72 0.00	41.66 2.97 -8.96	38.97 3.36 -4.27	40.91 3.48 -4.31	38.93 3.61 -0.22	42.11 3.86 -0.39	43.87 3.98 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.14 5.41 -7.62	63.16 4.82 -10.58	93.65 4.13 -48.19	63.14 3.72 -22.24	39.44 3.50 -2.24	38.88 3.31 -4.61	31.49 2.86 -0.02
NARROWS_GT2_8 24243	29.65 2.62 -0.02	26.95 2.09 -0.01	24.64 1.59 -0.01	23.78 1.51 -0.01	23.95 1.50 -0.01	24.30 1.57 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.48 2.72 0.00	41.66 2.97 -8.96	38.97 3.36 -4.27	40.91 3.48 -4.31	38.93 3.61 -0.22	42.11 3.86 -0.39	43.87 3.98 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.14 5.41 -7.62	63.16 4.82 -10.58	93.65 4.13 -48.19	63.14 3.72 -22.24	39.44 3.50 -2.24	38.88 3.31 -4.61	31.49 2.86 -0.02
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	28.42 1.40 0.00	26.14 1.29 0.00	24.12 1.08 0.00	23.33 1.07 0.00	23.54 1.10 0.00	23.84 1.11 0.00	25.81 1.23 0.00	26.75 1.30 0.00	28.78 1.03 0.00	30.67 0.95 0.00	32.37 1.10 0.07	34.18 1.13 0.08	36.10 1.09 0.08	38.93 1.21 0.14	40.67 1.38 0.16	41.56 1.37 0.00	47.08 1.77 0.17	52.31 2.20 0.00	50.20 2.44 0.00	43.56 2.23 0.00	39.12 1.93 0.00	35.52 1.82 0.00	32.85 1.89 0.00	30.21 1.60 0.00
NCHELSEA_115KV_TR2 355582	29.12 2.11 0.00	26.54 1.69 0.00	24.33 1.29 0.00	23.51 1.25 0.00	23.69 1.26 0.00	24.02 1.30 0.00	26.26 1.67 0.00	27.46 2.01 0.00	29.86 2.11 0.00	31.98 2.26 0.00	34.04 2.54 -0.15	35.88 2.58 -0.16	38.10 2.84 -0.17	41.27 3.10 -0.31	43.02 3.23 -0.34	43.49 3.30 0.00	49.79 3.96 -0.36	54.56 4.46 0.00	51.77 4.01 0.00	44.76 3.43 0.00	40.27 3.09 0.00	36.56 2.86 0.00	33.62 2.66 0.00	30.93 2.32 0.00
NEG CAPITAL___MECHNVIL 23645	28.53 1.51 0.00	26.17 1.32 0.00	24.10 1.06 0.00	23.26 1.00 0.00	23.45 1.01 0.00	23.75 1.02 0.00	25.81 1.23 0.00	26.80 1.35 0.00	29.22 1.47 0.00	31.27 1.54 0.00	32.76 1.63 0.21	34.68 1.79 0.23	36.74 1.89 0.24	39.36 1.93 0.43	41.09 2.13 0.48	42.44 2.25 0.00	47.46 2.50 0.51	53.11 3.01 0.00	50.87 3.10 0.00	44.10 2.77 0.00	39.67 2.49 0.00	36.02 2.32 0.00	33.04 2.07 0.00	30.33 1.72 0.00
NEG CENTRAL_HIGH_ACRES 23767	26.80 -0.22 0.00	24.60 -0.25 0.00	22.56 -0.48 0.00	21.59 -0.67 0.00	21.79 -0.65 0.00	21.98 -0.75 0.00	24.24 -0.34 0.00	24.87 -0.58 0.00	27.31 -0.45 0.00	29.22 -0.51 0.00	30.94 -0.41 0.00	32.80 -0.33 0.00	34.98 -0.10 0.00	37.86 0.00 0.00	39.41 -0.04 0.00	39.91 -0.28 0.00	44.97 -0.50 0.00	49.14 -0.95 0.01	47.00 -0.77 0.00	40.51 -0.83 0.00	36.55 -0.63 0.00	33.05 -0.64 0.00	30.37 -0.59 0.00	28.27 -0.34 0.00



NEG CENTRAL___DRP 24199	27.47 0.46 0.00	25.25 0.40 0.00	23.16 0.12 0.00	22.24 -0.02 0.00	22.39 -0.04 0.00	22.68 -0.05 0.00	24.93 0.34 0.00	25.71 0.25 0.00	28.56 0.36 -0.44	30.69 0.36 -0.61	32.35 0.38 -0.63	34.44 0.56 -0.74	36.44 0.70 -0.65	39.66 0.87 -0.93	41.10 0.87 -0.78	41.75 0.80 -0.76	47.59 0.82 -1.30	52.00 0.60 -1.29	49.45 0.72 -0.97	42.58 0.54 -0.71	38.21 0.56 -0.47	34.55 0.44 -0.41	31.41 0.37 -0.08	29.07 0.40 -0.06
NEG CENTRAL___INDECK 23768	28.39 1.38 0.00	25.99 1.14 0.00	23.73 0.69 0.00	22.64 0.38 0.00	22.86 0.43 0.00	23.07 0.34 0.00	25.54 0.96 0.00	25.91 0.46 0.00	28.31 0.55 0.00	30.17 0.45 0.00	31.85 0.50 0.00	33.79 0.66 0.00	34.84 -0.24 0.00	37.67 -0.19 0.00	39.33 -0.12 0.00	39.79 -0.40 0.00	44.74 -0.73 0.00	49.04 -1.05 0.01	47.48 -0.28 0.00	41.29 -0.04 0.00	37.52 0.33 0.00	34.94 1.25 0.00	32.02 1.05 0.00	29.78 1.17 0.00
NEG CENTRAL___SENECA 23627	27.69 0.68 0.00	25.40 0.55 0.00	23.25 0.21 0.00	22.28 0.02 0.00	22.41 -0.02 0.00	22.73 0.00 0.00	25.08 0.49 0.00	25.81 0.36 0.00	28.49 0.50 -0.23	30.49 0.45 -0.32	32.15 0.47 -0.33	34.25 0.73 -0.39	36.31 0.88 -0.35	39.45 1.10 -0.49	41.00 1.14 -0.41	41.60 1.00 -0.40	47.16 1.00 -0.69	51.54 0.75 -0.68	49.18 0.91 -0.51	42.37 0.66 -0.38	38.14 0.71 -0.25	34.45 0.54 -0.22	31.47 0.46 -0.04	29.18 0.54 -0.03
NEG CENTRAL___STATE_STREET 24147	27.45 0.43 0.00	25.25 0.40 0.00	23.23 0.18 0.00	22.33 0.07 0.00	22.48 0.04 0.00	22.79 0.07 0.00	24.93 0.34 0.00	25.78 0.33 0.00	28.76 0.42 -0.59	31.01 0.48 -0.82	32.69 0.50 -0.84	34.78 0.66 -0.99	36.73 0.77 -0.87	40.04 0.95 -1.24	41.48 0.99 -1.04	42.17 0.96 -1.01	48.20 1.00 -1.73	52.68 0.85 -1.72	49.97 0.91 -1.30	42.98 0.70 -0.95	38.52 0.71 -0.63	34.85 0.61 -0.55	31.56 0.50 -0.10	29.14 0.46 -0.07
NEG MILLWOOD___DRP 24198	29.23 2.22 0.00	26.61 1.76 0.00	24.38 1.34 0.00	23.55 1.29 0.00	23.76 1.32 0.00	24.09 1.36 0.00	26.35 1.77 0.00	27.62 2.16 0.00	30.17 2.41 0.00	32.34 2.62 0.00	34.50 2.98 -0.17	36.39 3.08 -0.19	38.58 3.30 -0.19	41.83 3.63 -0.34	43.62 3.79 -0.38	44.09 3.90 0.00	50.47 4.59 -0.41	55.26 5.16 0.00	52.40 4.63 0.00	45.26 3.93 0.00	40.60 3.42 0.00	36.90 3.20 0.00	33.93 2.97 0.00	31.16 2.55 0.00
NEG NORTH_FLCN_SEA 23793	26.85 -0.16 0.00	24.80 -0.05 0.00	23.27 0.23 0.00	22.53 0.27 0.00	22.75 0.31 0.00	23.07 0.34 0.00	24.78 0.20 0.00	25.66 0.20 0.00	28.06 0.31 0.00	30.08 0.36 0.00	31.60 0.25 0.00	33.36 0.23 0.00	35.37 0.28 0.00	38.08 0.23 0.00	39.64 0.20 0.00	40.47 0.28 0.00	45.74 0.27 0.00	50.55 0.45 0.00	48.00 0.24 0.00	41.41 0.08 0.00	37.18 0.00 0.00	33.39 -0.30 0.00	30.50 -0.46 0.00	28.27 -0.34 0.00
NEG NORTH_KES_CHATEGAY 23792	26.47 -0.54 0.00	24.48 -0.37 0.00	22.97 -0.07 0.00	22.25 0.00 0.01	22.46 0.02 0.00	22.77 0.05 0.00	24.41 -0.17 0.00	25.27 -0.18 0.00	27.62 -0.14 0.00	29.57 -0.15 0.00	31.06 -0.28 0.00	32.80 -0.33 0.00	34.77 -0.32 0.00	37.44 -0.42 0.00	38.93 -0.51 0.00	39.75 -0.44 0.00	44.97 -0.50 0.00	49.70 -0.40 0.00	47.28 -0.48 0.00	40.79 -0.54 0.00	36.63 -0.56 0.00	32.92 -0.78 0.00	30.06 -0.90 0.00	27.87 -0.74 0.00
NEG NORTH___ALICE_FALLS 23915	26.82 -0.19 0.00	24.78 -0.07 0.00	23.25 0.21 0.00	22.50 0.24 0.00	22.71 0.27 0.00	23.04 0.32 0.00	24.76 0.17 0.00	25.63 0.18 0.00	28.06 0.31 0.00	30.05 0.33 0.00	31.60 0.25 0.00	33.36 0.23 0.00	35.33 0.25 0.00	38.08 0.23 0.00	39.60 0.16 0.00	40.43 0.24 0.00	45.74 0.27 0.00	50.60 0.50 0.00	48.05 0.29 0.00	41.46 0.12 0.00	37.22 0.04 0.00	33.39 -0.30 0.00	30.47 -0.50 0.00	28.24 -0.37 0.00
NEG NORTH___LWR_SARANAC 23913	26.82 -0.19 0.00	24.78 -0.07 0.00	23.25 0.21 0.00	22.50 0.24 0.00	22.71 0.27 0.00	23.04 0.32 0.00	24.76 0.17 0.00	25.63 0.18 0.00	28.06 0.31 0.00	30.05 0.33 0.00	31.60 0.25 0.00	33.36 0.23 0.00	35.33 0.25 0.00	38.08 0.23 0.00	39.60 0.16 0.00	40.43 0.24 0.00	45.74 0.27 0.00	50.60 0.50 0.00	48.05 0.29 0.00	41.46 0.12 0.00	37.22 0.04 0.00	33.39 -0.30 0.00	30.47 -0.50 0.00	28.24 -0.37 0.00
NEG NORTH___PLATTSBURG 23628	26.83 -0.19 0.00	24.78 -0.07 0.00	23.25 0.21 0.00	22.48 0.22 0.00	22.71 0.27 0.00	23.04 0.32 0.00	24.76 0.17 0.00	25.63 0.18 0.00	28.06 0.31 0.00	30.05 0.33 0.00	31.60 0.25 0.00	33.36 0.23 0.00	35.34 0.25 0.00	38.09 0.23 0.00	39.60 0.16 0.00	40.43 0.24 0.00	45.74 0.27 0.00	50.60 0.50 0.00	48.05 0.29 0.00	41.46 0.12 0.00	37.22 0.04 0.00	33.39 -0.30 0.00	30.47 -0.50 0.00	28.24 -0.37 0.00
NEG WEST_LEA_LOCKPORT 23791	26.91 -0.11 0.00	24.60 -0.25 0.00	22.46 -0.58 0.00	21.39 -0.87 0.00	21.34 -1.10 0.00	21.61 -1.11 0.00	24.19 -0.39 0.00	24.36 -1.09 0.00	26.89 -0.86 0.00	28.68 -1.04 0.00	30.25 -1.10 0.00	32.27 -0.86 0.00	34.42 -0.67 0.00	37.29 -0.57 0.00	38.74 -0.71 -0.01	39.11 -1.09 -0.01	43.79 -1.68 -0.01	47.35 -2.76 0.00	45.48 -2.29 -0.01	39.10 -2.23 0.00	35.55 -1.64 0.00	32.04 -1.65 0.00	29.63 -1.33 0.00	27.95 -0.66 0.00
NEG WEST___LANCASTR 23811	27.09 0.08 0.00	24.75 -0.10 0.00	22.58 -0.46 0.00	21.53 -0.73 0.00	21.54 -0.90 0.00	21.80 -0.93 0.00	24.31 -0.27 0.00	24.59 -0.87 0.00	27.17 -0.58 0.00	29.07 -0.65 0.00	30.66 -0.69 0.00	32.73 -0.40 0.00	34.91 -0.18 0.00	37.78 -0.08 0.00	39.37 -0.08 0.00	39.83 -0.36 0.00	44.65 -0.82 0.00	48.35 -1.75 0.00	46.24 -1.53 0.00	39.72 -1.61 0.00	36.07 -1.12 0.00	32.55 -1.15 0.00	29.97 -0.99 0.00	28.21 -0.40 0.00
NEG_PENN_ALLEGHNY 23528	27.61 0.59 0.00	25.32 0.47 0.00	23.25 0.21 0.00	22.39 0.13 0.00	22.57 0.14 0.00	22.82 0.09 0.00	25.00 0.42 0.00	25.81 0.36 0.00	28.49 0.47 -0.26	30.62 0.54 -0.36	32.35 0.63 -0.37	34.30 0.73 -0.44	36.35 0.88 -0.39	39.39 0.98 -0.55	40.98 1.07 -0.47	41.69 1.04 -0.45	47.29 1.05 -0.77	51.77 0.90 -0.77	49.25 0.91 -0.58	42.46 0.70 -0.42	38.21 0.74 -0.28	34.61 0.67 -0.25	31.63 0.62 -0.05	29.24 0.60 -0.03
NEG___GEN_MONROE 24207	27.53 0.51 0.00	25.25 0.40 0.00	23.11 0.07 0.00	22.04 -0.22 0.00	22.12 -0.31 0.00	22.39 -0.34 0.00	24.78 0.20 0.00	25.25 -0.20 0.00	27.70 -0.06 0.00	29.51 -0.21 0.00	31.16 -0.19 0.00	33.06 -0.07 0.00	35.16 0.07 0.00	38.16 0.30 0.00	39.72 0.28 0.00	40.15 -0.04 0.00	45.20 -0.27 0.00	49.30 -0.80 0.01	47.28 -0.48 0.00	40.75 -0.58 0.00	36.85 -0.33 0.00	33.19 -0.51 0.00	30.59 -0.37 0.00	28.64 0.03 0.00
NEPA___ENERGY 23901	27.50 0.49 0.00	25.12 0.27 0.00	22.93 -0.12 0.00	21.86 -0.40 0.00	21.88 -0.56 0.00	22.14 -0.59 0.00	24.66 0.07 0.00	25.02 -0.43 0.00	27.64 -0.11 0.00	29.57 -0.15 0.00	31.19 -0.16 0.00	33.26 0.13 0.00	35.47 0.39 0.00	38.35 0.49 0.00	39.92 0.47 0.00	40.44 0.24 0.00	45.34 -0.14 0.00	49.15 -0.95 0.00	46.95 -0.81 0.00	40.34 -0.99 0.00	36.63 -0.56 0.00	33.06 -0.64 0.00	30.47 -0.50 0.00	28.52 -0.09 0.00

NEVERSINK___HYD 23608	28.42 1.40 0.00	25.94 1.09 0.00	23.76 0.72 0.00	22.95 0.69 0.00	23.09 0.65 0.00	23.45 0.73 0.00	25.62 1.03 0.00	26.78 1.32 0.00	29.03 1.28 0.00	31.09 1.37 0.00	33.06 1.60 -0.11	34.87 1.62 -0.12	37.07 1.86 -0.13	38.99 0.91 -0.22	40.72 1.02 -0.25	41.28 1.09 0.00	47.24 1.50 -0.27	51.86 1.75 0.00	49.34 1.57 0.00	42.65 1.32 0.00	38.30 1.11 0.00	35.79 2.09 0.00	32.85 1.89 0.00	30.24 1.63 0.00
NEWKRMKL_115KV_TB1 55635	27.72 0.70 0.00	25.45 0.60 0.00	23.52 0.48 0.00	22.75 0.49 0.00	22.98 0.54 0.00	23.23 0.50 0.00	25.20 0.61 0.00	26.22 0.76 0.00	28.45 0.69 0.00	30.44 0.71 0.00	31.99 0.82 0.17	33.80 0.86 0.18	35.70 0.81 0.19	38.31 0.79 0.34	39.97 0.91 0.38	41.16 0.96 0.00	46.15 1.09 0.41	51.46 1.35 0.00	49.15 1.39 0.00	42.57 1.24 0.00	38.22 1.04 0.00	34.74 1.04 0.00	32.05 1.08 0.00	29.44 0.83 0.00
NEWTON___FALLS_HYD 23847	25.88 -1.13 0.00	23.88 -0.97 0.00	22.21 -0.83 0.00	21.42 -0.78 0.06	21.65 -0.79 0.00	22.02 -0.70 0.00	23.70 -0.89 0.00	24.49 -0.97 0.00	26.85 -1.14 -0.23	28.89 -1.16 -0.32	30.43 -1.25 -0.33	32.20 -1.33 -0.39	34.03 -1.40 -0.35	36.83 -1.51 -0.49	38.36 -1.50 -0.41	39.11 -1.49 -0.40	44.52 -1.64 -0.69	49.13 -1.65 -0.68	46.94 -1.34 -0.51	40.68 -1.03 -0.38	36.46 -0.97 -0.25	33.00 -0.91 -0.22	29.92 -1.08 -0.04	27.61 -1.03 -0.03
NGRID_A1_DSASP 323792	26.29 -0.73 0.00	24.00 -0.84 0.00	21.96 -1.08 0.00	20.90 -1.36 0.00	21.07 -1.37 0.00	21.16 -1.57 0.00	23.60 -0.98 0.00	23.77 -1.68 0.00	26.34 -1.41 0.00	27.97 -1.75 0.00	29.65 -1.69 0.00	31.44 -1.69 0.00	33.62 -1.47 0.00	36.19 -1.66 0.00	37.65 -1.77 0.03	37.96 -2.21 0.03	42.49 -2.95 0.03	45.96 -4.11 0.03	44.10 -3.63 0.03	37.94 -3.39 0.00	34.54 -2.64 0.00	31.24 -2.46 0.00	28.86 -2.11 0.00	27.26 -1.34 0.00
NGRID_A2_DSASP 323793	26.29 -0.73 0.00	24.00 -0.84 0.00	21.96 -1.08 0.00	20.90 -1.36 0.00	21.07 -1.37 0.00	21.16 -1.57 0.00	23.60 -0.98 0.00	23.77 -1.68 0.00	26.34 -1.41 0.00	27.97 -1.75 0.00	29.65 -1.69 0.00	31.44 -1.69 0.00	33.62 -1.47 0.00	36.19 -1.66 0.00	37.65 -1.77 0.03	37.96 -2.21 0.03	42.49 -2.95 0.03	45.96 -4.11 0.03	44.10 -3.63 0.03	37.94 -3.39 0.00	34.54 -2.64 0.00	31.24 -2.46 0.00	28.86 -2.11 0.00	27.26 -1.34 0.00
NGRID_A4_DSASP 323807	26.29 -0.73 0.00	24.00 -0.84 0.00	21.96 -1.08 0.00	20.90 -1.36 0.00	21.07 -1.37 0.00	21.16 -1.57 0.00	23.60 -0.98 0.00	23.77 -1.68 0.00	26.34 -1.41 0.00	27.97 -1.75 0.00	29.65 -1.69 0.00	31.44 -1.69 0.00	33.62 -1.47 0.00	36.19 -1.66 0.00	37.65 -1.77 0.03	37.96 -2.21 0.03	42.49 -2.95 0.03	45.96 -4.11 0.03	44.10 -3.63 0.03	37.94 -3.39 0.00	34.54 -2.64 0.00	31.24 -2.46 0.00	28.86 -2.11 0.00	27.26 -1.34 0.00
NIAGARA_115E_LBMP 323715	26.42 -0.59 0.00	24.15 -0.70 0.00	22.07 -0.97 0.00	21.01 -1.25 0.00	21.18 -1.26 0.00	21.27 -1.45 0.00	23.75 -0.84 0.00	23.85 -1.60 0.00	26.45 -1.30 0.00	28.09 -1.63 0.00	29.78 -1.57 0.00	31.57 -1.56 0.00	33.79 -1.30 0.00	36.38 -1.48 0.00	37.91 -1.54 0.00	38.19 -2.01 0.00	42.70 -2.78 0.00	46.19 -3.91 0.00	44.42 -3.34 0.00	38.19 -3.14 0.00	34.73 -2.46 0.00	31.40 -2.29 0.00	28.98 -1.98 0.00	27.38 -1.23 0.00
NIAGARA_115W_LBMP 323714	26.20 -0.81 0.00	23.96 -0.89 0.00	21.89 -1.15 0.00	20.83 -1.43 0.00	21.00 -1.44 0.00	21.09 -1.64 0.00	23.55 -1.03 0.00	23.70 -1.76 0.00	26.28 -1.47 0.00	27.91 -1.81 0.00	29.56 -1.79 0.00	31.34 -1.79 0.00	33.51 -1.58 0.00	36.08 -1.78 0.00	37.53 -1.89 0.02	37.84 -2.33 0.02	42.35 -3.09 0.02	45.87 -4.21 0.03	44.01 -3.73 0.02	37.86 -3.47 0.00	34.47 -2.71 0.00	31.13 -2.56 0.00	28.79 -2.17 0.00	27.18 -1.43 0.00
NIAGARA_230_LBMP 323716	26.58 -0.43 0.00	24.28 -0.57 0.00	22.19 -0.85 0.00	21.15 -1.11 0.00	21.32 -1.12 0.00	21.41 -1.32 0.00	23.90 -0.69 0.00	24.05 -1.40 0.00	26.64 -1.11 0.00	28.33 -1.40 0.00	30.00 -1.35 0.00	31.80 -1.33 0.00	34.00 -1.09 0.00	36.57 -1.29 0.00	38.10 -1.34 0.00	38.38 -1.81 0.00	42.97 -2.50 0.00	46.54 -3.56 0.01	44.70 -3.06 0.00	38.48 -2.85 0.00	34.99 -2.19 0.00	31.64 -2.06 0.00	29.23 -1.73 0.00	27.58 -1.03 0.00
NIAGARA___115KV_198_GIBSON 55903	26.26 -0.76 0.00	23.96 -0.89 0.00	21.89 -1.15 0.00	20.84 -1.42 0.00	20.80 -1.64 0.00	21.05 -1.68 0.00	23.55 -1.03 0.00	23.70 -1.76 0.00	26.17 -1.58 0.00	27.88 -1.84 0.00	29.37 -1.97 0.00	31.31 -1.82 0.00	33.37 -1.72 0.00	36.08 -1.78 0.00	37.45 -1.97 0.02	37.84 -2.33 0.02	42.35 -3.09 0.02	45.87 -4.21 0.03	44.01 -3.73 0.02	37.86 -3.47 0.00	34.47 -2.71 0.00	31.10 -2.59 0.00	28.79 -2.17 0.00	27.18 -1.43 0.00
NIAGARA____ 23760	26.58 -0.43 0.00	24.28 -0.57 0.00	22.19 -0.85 0.00	21.15 -1.11 0.00	21.32 -1.12 0.00	21.41 -1.32 0.00	23.90 -0.69 0.00	24.05 -1.40 0.00	26.64 -1.11 0.00	28.33 -1.40 0.00	30.00 -1.35 0.00	31.80 -1.33 0.00	34.00 -1.09 0.00	36.57 -1.29 0.00	38.10 -1.34 0.01	38.38 -1.81 0.01	42.96 -2.50 0.01	46.54 -3.56 0.01	44.70 -3.06 0.01	38.48 -2.85 0.00	34.99 -2.19 0.00	31.64 -2.06 0.00	29.23 -1.73 0.00	27.58 -1.03 0.00
NINE_MILE_1 23575	26.34 -0.67 0.00	24.30 -0.55 0.00	22.44 -0.60 0.00	21.64 -0.62 0.00	21.83 -0.60 0.00	22.09 -0.64 0.00	24.02 -0.56 0.00	24.74 -0.71 0.00	23.05 -0.75 3.96	23.43 -0.80 5.49	24.93 -0.78 5.63	25.62 -0.83 6.68	28.43 -0.81 5.85	28.69 -0.83 8.33	31.51 -0.91 7.03	32.42 -0.96 6.81	32.66 -1.13 11.68	37.11 -1.35 11.64	37.79 -1.24 8.73	33.82 -1.11 6.39	32.04 -0.93 4.21	29.15 -0.84 3.71	29.49 -0.77 0.70	27.39 -0.71 0.50
NINE_MILE_2 23744	26.34 -0.67 0.00	24.30 -0.55 0.00	22.44 -0.60 0.00	21.64 -0.62 0.00	21.83 -0.60 0.00	22.09 -0.64 0.00	24.02 -0.56 0.00	24.74 -0.71 0.00	22.99 -0.75 4.02	23.35 -0.80 5.57	24.85 -0.78 5.72	25.52 -0.83 6.78	28.34 -0.81 5.94	28.57 -0.83 8.45	31.41 -0.91 7.13	32.31 -0.96 6.91	32.48 -1.13 11.85	36.93 -1.35 11.82	37.66 -1.24 8.86	33.73 -1.11 6.49	31.98 -0.93 4.28	29.09 -0.84 3.76	29.48 -0.77 0.71	27.39 -0.71 0.51
NM_CAPITAL___DRP 24208	27.77 0.76 0.00	25.50 0.65 0.00	23.55 0.51 0.00	22.77 0.51 0.00	23.00 0.56 0.00	23.25 0.52 0.00	25.25 0.66 0.00	26.24 0.79 0.00	28.50 0.75 0.00	30.47 0.74 0.00	32.01 0.85 0.19	33.82 0.89 0.20	35.68 0.81 0.21	38.31 0.83 0.38	39.93 0.91 0.42	41.16 0.96 0.00	46.16 1.14 0.45	51.51 1.40 0.00	49.15 1.39 0.00	42.61 1.28 0.00	38.26 1.08 0.00	34.77 1.08 0.00	32.08 1.11 0.00	29.47 0.86 0.00
NM_CENTRAL___DRP 24181	26.99 -0.03 0.00	24.85 0.00 0.00	22.90 -0.14 0.00	22.06 -0.20 0.00	22.21 -0.22 0.00	22.50 -0.23 0.00	24.54 -0.05 0.00	25.33 -0.13 0.00	28.06 -0.08 -0.38	30.23 -0.03 -0.53	31.89 0.00 -0.55	33.81 0.03 -0.65	35.76 0.11 -0.57	38.86 0.19 -0.81	40.33 0.20 -0.68	41.01 0.16 -0.66	46.69 0.09 -1.13	51.18 -0.05 -1.12	48.56 -0.05 -0.85	41.87 -0.08 -0.62	37.59 0.00 -0.41	34.02 -0.03 -0.36	31.06 0.03 -0.07	28.69 0.03 -0.05









PIERCEFIELD___HYD 23852	25.39 -1.62 0.00	23.48 -1.37 0.00	22.03 -1.01 0.00	21.24 -0.93 0.09	21.49 -0.94 0.00	21.84 -0.89 0.00	23.36 -1.23 0.00	24.15 -1.30 0.00	26.46 -1.42 -0.12	28.43 -1.46 -0.16	29.88 -1.63 -0.17	31.57 -1.76 -0.20	33.37 -1.89 -0.17	36.02 -2.08 -0.25	37.53 -2.13 -0.21	38.26 -2.13 -0.20	43.45 -2.36 -0.35	47.99 -2.46 -0.34	45.92 -2.10 -0.26	39.70 -1.82 -0.19	35.64 -1.67 -0.13	32.12 -1.68 -0.11	29.22 -1.76 -0.02	27.08 -1.54 -0.01
PINELAWN_CC_1 323563	32.17 2.78 -2.37	31.51 2.26 -4.40	30.87 1.77 -6.06	26.62 1.71 -2.65	26.56 1.70 -2.42	29.40 1.77 -4.90	29.26 2.26 -2.41	30.96 2.67 -2.83	31.80 2.94 -1.10	32.84 3.12 0.00	37.93 3.23 -3.35	44.86 3.25 -8.48	43.61 3.40 -5.12	45.84 3.52 -4.46	50.08 3.47 -7.16	46.16 3.46 -2.51	55.40 4.14 -5.79	59.82 4.71 -5.00	53.03 4.15 -1.11	45.18 3.76 -0.09	40.82 3.61 -0.03	39.10 3.44 -1.97	35.24 3.47 -0.81	34.57 3.06 -2.90
PJM_GEN_HTTP_PROXY 323702	29.31 2.29 0.00	26.64 1.79 0.00	24.35 1.31 0.00	23.51 1.25 0.00	23.67 1.23 0.00	24.04 1.32 0.00	26.38 1.79 0.00	27.67 2.21 0.00	30.22 2.47 0.00	32.40 2.68 0.00	34.58 3.04 -0.20	36.45 3.11 -0.21	38.58 3.26 -0.22	41.70 3.44 -0.39	43.40 3.51 -0.44	43.81 3.62 0.00	52.62 4.37 -2.79	54.96 4.86 0.00	52.06 4.30 0.00	45.01 3.68 0.00	40.49 3.31 0.00	36.79 3.10 0.00	33.90 2.94 0.00	31.21 2.60 0.00
PJM_GEN_KEystone 24065	27.90 0.89 0.00	25.47 0.62 0.00	23.29 0.25 0.00	22.39 0.13 0.00	22.55 0.11 0.00	22.80 0.07 0.00	25.12 0.54 0.00	25.96 0.51 0.00	28.45 0.69 0.00	30.47 0.74 0.00	32.33 0.88 -0.10	34.20 0.96 -0.11	36.29 1.09 -0.12	39.20 1.13 -0.21	40.86 1.18 -0.23	41.32 1.12 0.00	47.11 1.23 -0.41	51.20 1.10 0.00	48.67 0.91 0.00	42.03 0.70 0.00	38.00 0.82 0.00	34.47 0.78 0.00	31.74 0.77 0.00	29.44 0.83 0.00
PJM_GEN_NEPTUNE_PROXY 323594	30.69 2.40 -1.27	29.12 1.91 -2.36	27.76 1.48 -3.25	25.08 1.40 -1.42	25.13 1.39 -1.30	26.81 1.46 -2.63	27.82 1.94 -1.29	29.29 2.32 -1.52	30.90 2.55 -0.59	32.46 2.73 0.00	36.32 3.07 -1.90	37.93 3.15 -1.66	40.44 3.30 -2.06	41.77 3.52 -0.39	43.91 3.47 -0.99	43.65 3.46 0.00	50.08 4.14 -0.47	54.81 4.71 0.00	51.87 4.11 0.00	44.97 3.64 0.00	40.60 3.42 0.00	37.84 3.20 -0.94	34.43 3.04 -0.43	32.82 2.66 -1.55
PJM_GEN_VFT_PROXY 323633	29.25 2.24 0.00	26.54 1.69 0.00	24.26 1.22 0.00	23.42 1.16 0.00	23.56 1.12 0.00	23.93 1.20 0.00	26.30 1.72 0.00	27.62 2.16 0.00	30.17 2.41 0.00	32.34 2.62 0.00	34.52 2.98 -0.20	36.39 3.05 -0.21	38.40 3.09 -0.22	41.51 3.26 -0.39	43.24 3.35 -0.44	43.65 3.46 0.00	52.52 4.18 -2.87	54.81 4.71 0.00	51.87 4.11 0.00	44.84 3.51 0.00	40.34 3.16 0.00	36.69 3.00 0.00	33.87 2.91 0.00	31.18 2.58 0.00
PLATSBRG_115KV_PMLD1 355749	26.82 -0.19 0.00	24.78 -0.07 0.00	23.25 0.21 0.00	22.50 0.24 0.00	22.73 0.29 0.00	23.04 0.32 0.00	24.76 0.17 0.00	25.63 0.18 0.00	28.03 0.28 0.00	30.02 0.30 0.00	31.57 0.22 0.00	33.33 0.20 0.00	35.33 0.25 0.00	38.05 0.19 0.00	39.60 0.16 0.00	40.39 0.20 0.00	45.70 0.23 0.00	50.50 0.40 0.00	47.95 0.19 0.00	41.37 0.04 0.00	37.15 -0.04 0.00	33.36 -0.34 0.00	30.47 -0.50 0.00	28.24 -0.37 0.00
PLEASANTVLY___LBMP 24000	28.72 1.70 0.00	26.17 1.32 0.00	24.01 0.97 0.00	23.22 0.96 0.00	23.42 0.99 0.00	23.73 1.00 0.00	25.91 1.33 0.00	27.11 1.65 0.00	29.56 1.80 0.00	31.63 1.90 0.00	33.73 2.16 -0.22	35.56 2.19 -0.24	37.62 2.28 -0.25	40.73 2.42 -0.45	42.43 2.49 -0.50	42.76 2.57 0.00	49.05 3.05 -0.53	53.61 3.51 0.00	50.91 3.15 0.00	44.06 2.73 0.00	39.64 2.45 0.00	36.02 2.33 0.00	33.16 2.20 0.00	30.50 1.89 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	29.07 2.05 0.00	26.44 1.59 0.00	24.24 1.20 0.00	23.42 1.16 0.00	23.63 1.19 0.00	23.93 1.20 0.00	26.23 1.65 0.00	27.46 2.01 0.00	30.00 2.25 0.00	32.13 2.41 0.00	34.30 2.76 -0.20	36.16 2.82 -0.22	38.26 2.95 -0.23	41.40 3.14 -0.40	43.13 3.23 -0.45	43.49 3.30 0.00	49.90 3.96 -0.48	54.56 4.46 0.00	51.73 3.96 0.00	44.76 3.43 0.00	40.27 3.09 0.00	36.56 2.86 0.00	33.62 2.66 0.00	30.93 2.32 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	29.07 2.05 0.00	26.44 1.59 0.00	24.24 1.20 0.00	23.42 1.16 0.00	23.63 1.19 0.00	23.93 1.20 0.00	26.23 1.65 0.00	27.46 2.01 0.00	30.00 2.25 0.00	32.13 2.41 0.00	34.30 2.76 -0.20	36.16 2.82 -0.22	38.26 2.95 -0.23	41.40 3.14 -0.40	43.13 3.23 -0.45	43.49 3.30 0.00	49.90 3.96 -0.48	54.56 4.46 0.00	51.73 3.96 0.00	44.76 3.43 0.00	40.27 3.09 0.00	36.56 2.86 0.00	33.62 2.66 0.00	30.93 2.32 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	28.96 1.94 0.00	26.39 1.54 0.00	24.22 1.18 0.00	23.40 1.14 0.00	23.60 1.17 0.00	23.91 1.18 0.00	26.11 1.52 0.00	27.31 1.86 0.00	29.70 1.94 0.00	31.80 2.08 0.00	33.70 2.35 0.00	35.51 2.39 0.00	37.68 2.60 0.00	40.66 2.80 0.00	42.37 2.92 0.00	43.21 3.01 0.00	49.06 3.59 0.00	54.21 4.11 0.00	51.49 3.73 0.00	44.51 3.18 0.00	40.05 2.86 0.00	36.36 2.66 0.00	33.44 2.48 0.00	30.75 2.15 0.00
POLETTI_____ 23519	29.34 2.32 0.00	26.59 1.74 0.00	24.35 1.31 0.00	23.53 1.27 0.00	23.69 1.26 0.00	24.02 1.30 0.00	26.38 1.79 0.00	27.67 2.21 0.00	30.22 2.47 0.00	32.40 2.68 0.00	34.58 3.04 -0.20	36.45 3.11 -0.21	38.57 3.26 -0.22	41.66 3.41 -0.39	43.44 3.55 -0.44	43.77 3.58 0.00	52.66 4.32 -2.87	54.96 4.86 0.00	52.06 4.30 0.00	44.97 3.64 0.00	40.49 3.31 0.00	36.83 3.13 0.00	33.90 2.94 0.00	31.21 2.60 0.00
POMONA___ESR 323819	28.98 1.97 0.00	26.39 1.54 0.00	24.17 1.13 0.00	23.35 1.09 0.00	23.49 1.05 0.00	23.84 1.11 0.00	26.11 1.52 0.00	27.34 1.88 0.00	29.81 2.05 0.00	31.95 2.23 0.00	34.00 2.48 -0.18	35.84 2.52 -0.19	37.92 2.63 -0.20	41.02 2.80 -0.36	42.69 2.84 -0.40	43.12 2.93 0.00	49.40 3.50 -0.43	54.06 3.96 0.00	51.20 3.44 0.00	44.31 2.98 0.00	39.97 2.79 0.00	36.33 2.63 0.00	33.47 2.51 0.00	30.81 2.20 0.00
PORT_JEFF_3 23555	32.22 2.84 -2.37	31.56 2.31 -4.40	30.92 1.82 -6.06	26.69 1.78 -2.65	26.61 1.75 -2.42	29.45 1.82 -4.90	29.31 2.31 -2.41	31.01 2.72 -2.83	31.88 3.03 -1.10	32.93 3.21 0.00	38.88 3.42 -4.12	50.65 3.45 -14.08	66.63 3.61 -27.92	104.19 3.79 -62.55	131.69 3.79 -88.46	82.36 3.74 -38.43	131.69 4.41 -81.81	131.69 5.06 -76.53	69.20 4.44 -17.00	46.70 4.01 -1.36	41.51 3.83 -0.49	39.37 3.50 -2.17	35.24 3.47 -0.81	34.57 3.06 -2.90
PORT_JEFF_4 23616	32.22 2.84 -2.37	31.56 2.31 -4.40	30.92 1.82 -6.06	26.69 1.78 -2.65	26.61 1.75 -2.42	29.45 1.82 -4.90	29.31 2.31 -2.41	31.01 2.72 -2.83	31.88 3.03 -1.10	32.93 3.21 0.00	38.88 3.42 -4.12	50.65 3.45 -14.08	66.63 3.61 -27.92	104.19 3.79 -62.55	131.69 3.79 -88.46	82.36 3.74 -38.43	131.69 4.41 -81.81	131.69 5.06 -76.53	69.20 4.44 -17.00	46.70 4.01 -1.36	41.51 3.83 -0.49	39.37 3.50 -2.17	35.24 3.47 -0.81	34.57 3.06 -2.90





RAVENSWOOD_GT2_3 24246	29.39 2.38 0.00	26.66 1.81 0.00	24.42 1.38 0.00	23.57 1.31 0.00	23.76 1.32 0.00	24.09 1.36 0.00	26.43 1.84 0.00	27.74 2.29 0.00	30.31 2.55 0.00	32.46 2.73 0.00	34.68 3.13 -0.20	36.52 3.18 -0.21	38.64 3.33 -0.22	41.77 3.52 -0.39	43.52 3.63 -0.44	43.89 3.70 0.00	52.87 4.46 -2.94	55.06 4.96 0.00	52.16 4.39 0.00	45.09 3.76 0.00	40.60 3.42 0.00	36.90 3.20 0.00	34.00 3.03 0.00	31.27 2.66 0.00
RAVENSWOOD_GT2_4 24247	29.39 2.38 0.00	26.66 1.81 0.00	24.42 1.38 0.00	23.57 1.31 0.00	23.76 1.32 0.00	24.09 1.36 0.00	26.43 1.84 0.00	27.74 2.29 0.00	30.31 2.55 0.00	32.46 2.73 0.00	34.68 3.13 -0.20	36.52 3.18 -0.21	38.64 3.33 -0.22	41.77 3.52 -0.39	43.52 3.63 -0.44	43.89 3.70 0.00	52.87 4.46 -2.94	55.06 4.96 0.00	52.16 4.39 0.00	45.09 3.76 0.00	40.60 3.42 0.00	36.90 3.20 0.00	34.00 3.03 0.00	31.27 2.66 0.00
RAVENSWOOD_GT3_1 24248	29.36 2.35 0.00	26.64 1.79 0.00	24.40 1.36 0.00	23.57 1.31 0.00	23.76 1.32 0.00	24.09 1.36 0.00	26.43 1.84 0.00	27.72 2.27 0.00	30.28 2.53 0.00	32.46 2.73 0.00	34.65 3.10 -0.20	36.52 3.18 -0.21	38.64 3.33 -0.22	41.73 3.48 -0.39	43.48 3.59 -0.44	43.85 3.66 0.00	52.82 4.41 -2.94	55.01 4.91 0.00	52.11 4.35 0.00	45.05 3.72 0.00	40.57 3.38 0.00	36.86 3.17 0.00	33.97 3.00 0.00	31.24 2.63 0.00
RAVENSWOOD_GT3_2 24249	29.36 2.35 0.00	26.64 1.79 0.00	24.40 1.36 0.00	23.57 1.31 0.00	23.76 1.32 0.00	24.09 1.36 0.00	26.43 1.84 0.00	27.72 2.27 0.00	30.28 2.53 0.00	32.46 2.73 0.00	34.65 3.10 -0.20	36.52 3.18 -0.21	38.64 3.33 -0.22	41.73 3.48 -0.39	43.48 3.59 -0.44	43.85 3.66 0.00	52.82 4.41 -2.94	55.01 4.91 0.00	52.11 4.35 0.00	45.05 3.72 0.00	40.57 3.38 0.00	36.86 3.17 0.00	33.97 3.00 0.00	31.24 2.63 0.00
RAVENSWOOD_GT3_3 24250	29.42 2.40 0.00	26.69 1.84 0.00	24.45 1.41 0.00	23.62 1.36 0.00	23.78 1.35 0.00	24.11 1.39 0.00	26.48 1.89 0.00	27.77 2.32 0.00	30.34 2.58 0.00	32.52 2.79 0.00	34.71 3.17 -0.20	36.59 3.25 -0.21	38.71 3.40 -0.22	41.81 3.56 -0.39	43.60 3.71 -0.44	43.93 3.74 0.00	52.92 4.50 -2.94	55.16 5.06 0.00	52.20 4.44 0.00	45.13 3.80 0.00	40.64 3.46 0.00	36.93 3.23 0.00	34.03 3.07 0.00	31.30 2.69 0.00
RAVENSWOOD_GT3_4 24251	29.42 2.40 0.00	26.69 1.84 0.00	24.45 1.41 0.00	23.62 1.36 0.00	23.78 1.35 0.00	24.11 1.39 0.00	26.48 1.89 0.00	27.77 2.32 0.00	30.34 2.58 0.00	32.52 2.79 0.00	34.71 3.17 -0.20	36.59 3.25 -0.21	38.71 3.40 -0.22	41.81 3.56 -0.39	43.60 3.71 -0.44	43.93 3.74 0.00	52.92 4.50 -2.94	55.16 5.06 0.00	52.20 4.44 0.00	45.13 3.80 0.00	40.64 3.46 0.00	36.93 3.23 0.00	34.03 3.07 0.00	31.30 2.69 0.00
RAVENSWOOD_GT_1 23729	29.53 2.51 0.00	26.77 1.91 -0.01	24.52 1.47 -0.01	23.69 1.42 -0.01	23.88 1.44 -0.01	24.21 1.48 -0.01	26.56 1.97 -0.01	27.85 2.39 0.00	30.39 2.64 0.00	35.16 2.88 -2.56	35.98 3.26 -1.37	37.87 3.35 -1.39	38.79 3.47 -0.22	41.89 3.63 -0.39	43.67 3.79 -0.44	44.01 3.82 0.00	54.92 4.59 -4.86	56.22 5.01 -1.11	53.74 4.44 -1.53	45.22 3.89 -0.01	40.69 3.50 -0.01	37.32 3.30 -0.33	34.80 3.16 -0.68	31.39 2.78 0.00
RAVENSWOOD_GT_10 24258	29.36 2.35 0.00	26.64 1.79 0.00	24.40 1.36 0.00	23.57 1.31 0.00	23.76 1.32 0.00	24.09 1.36 0.00	26.43 1.84 0.00	27.72 2.27 0.00	30.28 2.53 0.00	32.33 2.73 0.13	34.59 3.10 -0.14	36.46 3.18 -0.15	38.61 3.30 -0.22	41.73 3.48 -0.39	43.48 3.59 -0.44	43.85 3.66 0.00	52.82 4.41 -2.94	55.01 4.91 0.00	52.11 4.35 0.00	45.05 3.72 0.00	40.57 3.38 0.00	36.86 3.17 0.00	33.96 3.00 0.00	31.24 2.63 0.00
RAVENSWOOD_GT_11 24259	29.36 2.35 0.00	26.64 1.79 0.00	24.40 1.36 0.00	23.57 1.31 0.00	23.76 1.32 0.00	24.09 1.36 0.00	26.43 1.84 0.00	27.72 2.27 0.00	30.28 2.53 0.00	32.33 2.73 0.13	34.59 3.10 -0.14	36.46 3.18 -0.15	38.61 3.30 -0.22	41.73 3.48 -0.39	43.48 3.59 -0.44	43.85 3.66 0.00	52.82 4.41 -2.94	55.01 4.91 0.00	52.11 4.35 0.00	45.05 3.72 0.00	40.57 3.38 0.00	36.86 3.17 0.00	33.96 3.00 0.00	31.24 2.63 0.00
RAVENSWOOD_GT_4 24252	29.37 2.35 0.00	26.61 1.76 0.01	24.37 1.34 0.01	23.55 1.29 0.01	23.73 1.30 0.01	24.06 1.34 0.01	26.40 1.82 0.01	27.69 2.24 0.00	30.28 2.53 0.00	32.43 2.70 -0.01	34.61 3.07 -0.19	36.48 3.15 -0.21	38.61 3.30 -0.22	41.70 3.44 -0.39	43.48 3.59 -0.44	43.81 3.62 0.00	54.24 4.37 -4.40	55.86 4.91 -0.84	53.28 4.35 -1.17	45.06 3.72 -0.01	40.57 3.38 -0.01	37.11 3.17 -0.25	34.44 2.97 -0.50	31.24 2.63 0.00
RAVENSWOOD_GT_5 24254	29.37 2.35 0.00	26.61 1.76 0.01	24.37 1.34 0.01	23.55 1.29 0.01	23.73 1.30 0.01	24.06 1.34 0.01	26.40 1.82 0.01	27.69 2.24 0.00	30.28 2.53 0.00	32.43 2.70 -0.01	34.61 3.07 -0.19	36.48 3.15 -0.21	38.61 3.30 -0.22	41.70 3.44 -0.39	43.48 3.59 -0.44	43.81 3.62 0.00	54.24 4.37 -4.40	55.86 4.91 -0.84	53.28 4.35 -1.17	45.06 3.72 -0.01	40.57 3.38 -0.01	37.11 3.17 -0.25	34.44 2.97 -0.50	31.24 2.63 0.00
RAVENSWOOD_GT_6 24253	29.37 2.35 0.00	26.61 1.76 0.01	24.37 1.34 0.01	23.55 1.29 0.01	23.73 1.30 0.01	24.06 1.34 0.01	26.40 1.82 0.01	27.69 2.24 0.00	30.28 2.53 0.00	32.43 2.70 -0.01	34.61 3.07 -0.19	36.48 3.15 -0.21	38.61 3.30 -0.22	41.70 3.44 -0.39	43.48 3.59 -0.44	43.81 3.62 0.00	54.24 4.37 -4.40	55.86 4.91 -0.84	53.28 4.35 -1.17	45.06 3.72 -0.01	40.57 3.38 -0.01	37.11 3.17 -0.25	34.44 2.97 -0.50	31.24 2.63 0.00
RAVENSWOOD_GT_7 24255	29.37 2.35 0.00	26.61 1.76 0.01	24.37 1.34 0.01	23.55 1.29 0.01	23.73 1.30 0.01	24.06 1.34 0.01	26.40 1.82 0.01	27.69 2.24 0.00	30.28 2.53 0.00	32.43 2.70 -0.01	34.61 3.07 -0.19	36.48 3.15 -0.21	38.61 3.30 -0.22	41.70 3.44 -0.39	43.48 3.59 -0.44	43.81 3.62 0.00	54.24 4.37 -4.40	55.86 4.91 -0.84	53.28 4.35 -1.17	45.06 3.72 -0.01	40.57 3.38 -0.01	37.11 3.17 -0.25	34.44 2.97 -0.50	31.24 2.63 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	29.36 2.35 0.00	26.64 1.79 0.00	24.40 1.36 0.00	23.57 1.31 0.00	23.76 1.32 0.00	24.09 1.36 0.00	26.43 1.84 0.00	27.72 2.27 0.00	30.28 2.53 0.00	32.33 2.73 0.13	34.59 3.10 -0.14	36.46 3.18 -0.15	38.61 3.30 -0.22	41.73 3.48 -0.39	43.48 3.59 -0.44	43.85 3.66 0.00	52.82 4.41 -2.94	55.01 4.91 0.00	52.11 4.35 0.00	45.05 3.72 0.00	40.57 3.38 0.00	36.86 3.17 0.00	33.96 3.00 0.00	31.24 2.63 0.00
RAVENSWOOD_GT_9 24257	29.36 2.35 0.00	26.64 1.79 0.00	24.40 1.36 0.00	23.57 1.31 0.00	23.76 1.32 0.00	24.09 1.36 0.00	26.43 1.84 0.00	27.72 2.27 0.00	30.28 2.53 0.00	32.33 2.73 0.13	34.59 3.10 -0.14	36.46 3.18 -0.15	38.61 3.30 -0.22	41.73 3.48 -0.39	43.48 3.59 -0.44	43.85 3.66 0.00	52.82 4.41 -2.94	55.01 4.91 0.00	52.11 4.35 0.00	45.05 3.72 0.00	40.57 3.38 0.00	36.86 3.17 0.00	33.96 3.00 0.00	31.24 2.63 0.00

RAVENSWOOD___1 23533	29.50 2.48 0.00	26.80 1.94 -0.01	24.50 1.45 -0.01	23.65 1.38 -0.01	23.81 1.37 -0.01	24.19 1.46 -0.01	26.53 1.94 -0.01	27.82 2.37 0.00	30.36 2.61 0.00	33.84 2.85 -1.27	35.33 3.20 -0.78	37.24 3.31 -0.80	38.71 3.40 -0.22	41.89 3.63 -0.39	43.59 3.71 -0.44	43.97 3.78 0.00	52.96 4.55 -2.94	55.16 5.06 0.00	52.25 4.49 0.00	45.18 3.84 0.00	40.68 3.49 0.00	36.96 3.27 0.00	34.13 3.16 -0.01	31.38 2.77 0.00
RAVENSWOOD___2 23534	29.47 2.46 0.00	26.77 1.91 -0.01	24.50 1.45 -0.01	23.65 1.38 -0.01	23.79 1.35 -0.01	24.17 1.43 -0.01	26.53 1.94 -0.01	27.79 2.34 0.00	30.34 2.58 0.00	33.81 2.83 -1.26	35.33 3.20 -0.78	37.24 3.31 -0.80	38.71 3.40 -0.22	41.85 3.60 -0.39	43.59 3.71 -0.44	43.97 3.78 0.00	52.96 4.55 -2.94	55.16 5.06 0.00	52.25 4.49 0.00	45.18 3.84 0.00	40.64 3.46 0.00	36.96 3.27 0.00	34.13 3.16 -0.01	31.36 2.75 0.00
RAVENSWOOD___3 23535	29.36 2.35 0.00	26.69 1.84 0.00	24.40 1.36 0.00	23.55 1.29 0.00	23.72 1.28 0.00	24.09 1.36 0.00	26.43 1.84 0.00	27.72 2.26 0.00	30.25 2.50 0.00	32.46 2.73 0.00	34.62 3.07 -0.20	36.52 3.18 -0.21	38.61 3.30 -0.22	41.73 3.48 -0.39	43.48 3.59 -0.44	43.85 3.66 0.00	52.82 4.41 -2.94	55.07 4.96 0.00	52.11 4.35 0.00	45.05 3.72 0.00	40.57 3.38 0.00	36.86 3.17 0.00	34.00 3.04 0.00	31.27 2.66 0.00
RAVENSWOOD___4 23820	29.47 2.46 0.00	26.77 1.91 -0.01	24.50 1.45 -0.01	23.65 1.38 -0.01	23.79 1.35 -0.01	24.17 1.43 -0.01	26.51 1.92 -0.01	27.79 2.34 0.00	30.34 2.58 0.00	32.54 2.83 0.01	34.75 3.20 -0.20	36.66 3.31 -0.22	38.71 3.40 -0.22	41.85 3.60 -0.39	43.56 3.67 -0.44	43.97 3.78 0.00	51.07 4.55 -1.06	54.07 5.06 1.09	50.74 4.49 1.51	45.17 3.84 0.01	40.63 3.46 0.01	36.64 3.27 0.32	33.47 3.16 0.65	31.35 2.75 0.00
RCPL_TRUST___DRP 24196	29.36 2.35 0.00	26.64 1.79 0.00	24.40 1.36 0.00	23.57 1.31 0.00	23.76 1.32 0.00	24.09 1.36 0.00	26.43 1.84 0.00	27.74 2.29 0.00	30.31 2.55 0.00	32.49 2.76 0.00	34.68 3.13 -0.20	36.55 3.21 -0.21	38.68 3.37 -0.22	41.77 3.52 -0.39	43.56 3.67 -0.44	43.93 3.74 0.00	52.71 4.46 -2.79	55.16 5.06 0.00	52.20 4.44 0.00	45.09 3.76 0.00	40.60 3.42 0.00	36.86 3.17 0.00	33.93 2.97 0.00	31.24 2.63 0.00
RED___ROCHESTER 323720	27.47 0.46 0.00	25.17 0.32 0.00	23.06 0.02 0.00	22.02 -0.24 0.00	22.21 -0.22 0.00	22.39 -0.34 0.00	24.76 0.17 0.00	25.30 -0.15 0.00	27.87 0.11 0.00	29.78 0.06 0.00	31.54 0.19 0.00	33.49 0.37 0.00	35.72 0.63 0.00	38.65 0.80 0.00	40.31 0.87 0.00	40.71 0.52 0.00	45.83 0.36 0.00	50.05 -0.05 0.01	47.91 0.14 0.00	41.25 -0.08 0.00	37.26 0.07 0.00	33.66 -0.03 0.00	30.90 -0.06 0.00	28.87 0.26 0.00
REGAN___SOLAR 323812	30.50 3.49 0.00	28.03 3.18 0.00	25.62 2.58 0.00	24.66 2.40 0.00	24.86 2.42 0.00	25.29 2.57 0.00	27.61 3.02 0.00	28.48 3.03 0.00	31.08 3.33 0.00	33.08 3.36 0.00	34.86 3.63 0.12	37.17 4.17 0.13	39.48 4.53 0.14	42.26 4.66 0.25	44.26 5.09 0.28	45.78 5.58 0.00	51.40 6.23 0.29	57.72 7.61 0.00	55.40 7.64 0.00	48.07 6.74 0.00	43.25 6.06 0.00	39.19 5.49 0.00	35.67 4.70 0.00	32.64 4.03 0.00
RENSSELAER___COGEN 23796	27.64 0.62 0.00	25.35 0.50 0.00	23.46 0.42 0.00	22.71 0.45 0.00	22.89 0.45 0.00	23.16 0.43 0.00	25.15 0.57 0.00	26.14 0.69 0.00	28.36 0.61 0.00	30.32 0.59 0.00	31.87 0.69 0.17	33.64 0.70 0.18	35.45 0.56 0.19	38.12 0.60 0.34	39.69 0.63 0.38	40.87 0.68 0.00	45.88 0.82 0.41	51.20 1.10 0.00	48.86 1.10 0.00	42.37 1.03 0.00	38.04 0.86 0.00	34.54 0.84 0.00	31.92 0.96 0.00	29.32 0.72 0.00
REPUBLIC_115KV_BARTNBK 55605	30.28 3.27 0.00	27.83 2.98 0.00	25.51 2.47 0.00	24.53 2.27 0.00	24.73 2.29 0.00	25.16 2.43 0.00	27.36 2.78 0.00	28.35 2.90 0.00	31.09 3.33 0.00	33.26 3.54 0.00	34.80 3.64 0.19	37.03 4.11 0.20	39.33 4.46 0.21	41.91 4.43 0.38	43.88 4.85 0.42	45.30 5.10 0.00	50.52 5.50 0.45	56.77 6.66 0.00	54.88 7.12 0.00	47.57 6.24 0.00	42.98 5.80 0.00	39.05 5.36 0.00	35.58 4.61 0.00	32.53 3.92 0.00
REVERE_CPPR_DRP 24186	28.12 1.11 0.00	25.89 1.04 0.00	23.80 0.76 0.00	22.97 0.71 0.01	23.13 0.70 0.00	23.54 0.82 0.00	25.59 1.01 0.00	26.45 0.99 0.00	28.95 1.00 -0.19	31.09 1.10 -0.27	32.84 1.22 -0.28	34.88 1.42 -0.33	36.88 1.51 -0.29	40.01 1.74 -0.41	41.84 2.05 -0.34	42.53 2.01 -0.33	48.40 2.36 -0.57	53.22 2.56 -0.57	50.82 2.63 -0.43	43.96 2.31 -0.31	39.36 1.97 -0.21	35.73 1.85 -0.18	32.45 1.46 -0.03	29.92 1.29 -0.02
REYNOLDS_115KV_TB3 80639	27.82 0.81 0.00	25.55 0.70 0.00	23.57 0.53 0.00	22.82 0.56 0.00	23.04 0.61 0.00	23.29 0.57 0.00	25.27 0.69 0.00	26.29 0.84 0.00	28.56 0.80 0.00	30.50 0.77 0.00	32.02 0.88 0.20	33.83 0.93 0.22	35.73 0.88 0.23	38.32 0.87 0.41	39.93 0.95 0.46	41.20 1.00 0.00	46.16 1.18 0.49	51.56 1.45 0.00	49.24 1.48 0.00	42.70 1.36 0.00	38.34 1.15 0.00	34.81 1.11 0.00	32.11 1.15 0.00	29.52 0.92 0.00
RIVERBAY____ 323610	29.91 2.89 -0.01	27.12 2.26 -0.01	24.82 1.77 -0.01	23.98 1.71 -0.01	24.17 1.73 -0.01	24.46 1.73 -0.01	26.73 2.14 -0.01	27.92 2.47 0.00	30.45 2.69 0.00	32.63 2.91 0.01	34.83 3.29 -0.19	36.71 3.38 -0.21	38.79 3.47 -0.22	41.92 3.67 -0.39	43.71 3.83 -0.44	44.05 3.86 0.00	53.10 4.68 -2.94	55.21 5.11 0.00	52.30 4.54 0.00	45.30 3.97 0.00	40.79 3.61 0.00	37.10 3.40 0.00	34.34 3.37 -0.01	31.68 3.06 -0.01
RIVERSIDE_115KV_TB3 55908	27.77 0.76 0.00	25.50 0.65 0.00	23.55 0.51 0.00	22.77 0.51 0.00	23.00 0.56 0.00	23.25 0.52 0.00	25.25 0.66 0.00	26.24 0.79 0.00	28.50 0.75 0.00	30.47 0.74 0.00	32.01 0.85 0.19	33.82 0.89 0.20	35.68 0.81 0.21	38.31 0.83 0.38	39.93 0.91 0.42	41.16 0.96 0.00	46.16 1.14 0.45	51.51 1.40 0.00	49.15 1.39 0.00	42.61 1.28 0.00	38.26 1.08 0.00	34.77 1.08 0.00	32.08 1.11 0.00	29.47 0.86 0.00
ROARING___BROOK_WT_PWR 323790	26.74 -0.27 0.00	24.63 -0.22 0.00	22.90 -0.14 0.00	22.15 -0.11 0.00	22.35 -0.09 0.00	22.64 -0.09 0.00	24.44 -0.15 0.00	25.30 -0.15 0.00	27.59 -0.17 0.00	29.55 -0.18 0.00	31.13 -0.22 0.00	32.90 -0.23 0.00	34.84 -0.24 0.00	37.59 -0.26 0.00	39.13 -0.32 0.00	39.87 -0.32 0.00	45.10 -0.37 0.00	49.70 -0.40 0.00	47.33 -0.43 0.00	40.88 -0.45 0.00	36.63 -0.56 0.00	33.02 -0.67 0.00	30.25 -0.71 0.00	27.92 -0.69 0.00
ROCHESRG_115KV_T4 355643	27.09 0.08 0.00	24.85 0.00 0.00	22.79 -0.25 0.00	21.79 -0.47 0.00	21.85 -0.58 0.00	22.14 -0.59 0.00	24.46 -0.12 0.00	24.99 -0.46 0.00	27.45 -0.31 0.00	29.37 -0.36 0.00	31.00 -0.34 0.00	32.96 -0.17 0.00	35.05 -0.04 0.00	38.01 0.15 0.00	39.52 0.08 0.00	40.03 -0.16 0.00	45.01 -0.45 0.00	49.14 -0.95 0.01	47.05 -0.72 0.00	40.55 -0.79 0.00	36.66 -0.52 0.00	33.09 -0.61 0.00	30.50 -0.46 0.00	28.47 -0.14 0.00

ROCHESTER_9_IC 23652	27.31 0.30 0.00	25.02 0.17 0.00	22.93 -0.12 0.00	21.93 -0.33 0.00	21.99 -0.45 0.00	22.27 -0.45 0.00	24.63 0.05 0.00	25.17 -0.28 0.00	27.64 -0.11 0.00	29.60 -0.12 0.00	31.22 -0.13 0.00	33.23 0.10 0.00	35.37 0.28 0.00	38.35 0.49 0.00	39.92 0.47 0.00	40.39 0.20 0.00	45.47 0.00 0.00	49.60 -0.50 0.01	47.48 -0.29 0.00	40.92 -0.41 0.00	36.96 -0.22 0.00	33.36 -0.34 0.00	30.71 -0.25 0.00	28.67 0.06 0.00
ROCKVIEW_13_KV_LD 356306	29.26 2.24 0.00	26.59 1.74 0.00	24.35 1.31 0.00	23.53 1.27 0.00	23.74 1.30 0.00	24.07 1.34 0.00	26.38 1.79 0.00	27.67 2.21 0.00	30.22 2.47 0.00	32.40 2.68 0.00	34.58 3.04 -0.20	36.45 3.11 -0.21	38.57 3.26 -0.22	41.70 3.44 -0.39	43.44 3.55 -0.44	43.81 3.62 0.00	50.30 4.37 -0.47	55.01 4.91 0.00	52.11 4.35 0.00	45.05 3.72 0.00	40.57 3.38 0.00	36.83 3.13 0.00	33.87 2.91 0.00	31.16 2.55 0.00
ROME____115KV_TB2 80656	28.12 1.11 0.00	25.89 1.04 0.00	23.80 0.76 0.00	22.97 0.71 0.01	23.13 0.70 0.00	23.54 0.82 0.00	25.59 1.01 0.00	26.45 0.99 0.00	28.95 1.00 -0.19	31.09 1.10 -0.27	32.84 1.22 -0.28	34.88 1.42 -0.33	36.88 1.51 -0.29	40.01 1.74 -0.41	41.84 2.05 -0.34	42.53 2.01 -0.33	48.40 2.36 -0.57	53.22 2.56 -0.57	50.82 2.63 -0.43	43.96 2.31 -0.31	39.36 1.97 -0.21	35.73 1.85 -0.18	32.45 1.46 -0.03	29.92 1.29 -0.02
ROSETON____1 23587	28.69 1.68 0.00	26.17 1.32 0.00	23.99 0.95 0.00	23.19 0.93 0.00	23.36 0.92 0.00	23.68 0.95 0.00	25.89 1.30 0.00	27.08 1.63 0.00	29.50 1.75 0.00	31.60 1.87 0.00	33.66 2.13 -0.18	35.47 2.15 -0.19	37.54 2.25 -0.20	40.64 2.42 -0.36	42.30 2.45 -0.40	42.72 2.53 0.00	48.95 3.05 -0.43	53.56 3.45 0.00	50.87 3.10 0.00	44.02 2.68 0.00	39.60 2.42 0.00	35.99 2.29 0.00	33.13 2.17 0.00	30.50 1.89 0.00
ROSETON____2 23588	28.69 1.68 0.00	26.17 1.32 0.00	23.99 0.95 0.00	23.19 0.93 0.00	23.36 0.92 0.00	23.68 0.95 0.00	25.89 1.30 0.00	27.08 1.63 0.00	29.50 1.75 0.00	31.60 1.87 0.00	33.66 2.13 -0.18	35.47 2.15 -0.19	37.54 2.25 -0.20	40.64 2.42 -0.36	42.30 2.45 -0.40	42.72 2.53 0.00	48.95 3.05 -0.43	53.56 3.45 0.00	50.87 3.10 0.00	44.02 2.68 0.00	39.60 2.42 0.00	35.99 2.29 0.00	33.13 2.17 0.00	30.50 1.89 0.00
ROTTDAM_115KV_TB3 80664	28.07 1.05 0.00	25.74 0.89 0.00	23.73 0.69 0.00	22.93 0.67 0.00	23.13 0.70 0.00	23.41 0.68 0.00	25.42 0.84 0.00	26.39 0.94 0.00	28.75 1.00 0.00	30.76 1.04 0.00	32.33 1.13 0.15	34.16 1.19 0.16	36.18 1.26 0.17	38.89 1.32 0.29	40.54 1.42 0.33	41.68 1.49 0.00	46.80 1.68 0.35	52.11 2.00 0.00	49.82 2.05 0.00	43.15 1.82 0.00	38.82 1.64 0.00	35.25 1.55 0.00	32.39 1.42 0.00	29.78 1.17 0.00
RUSSELL____1 23602	27.47 0.46 0.00	25.17 0.32 0.00	23.06 0.02 0.00	22.02 -0.24 0.00	22.08 -0.36 0.00	22.36 -0.36 0.00	24.76 0.17 0.00	25.30 -0.15 0.00	27.81 0.06 0.00	29.78 0.06 0.00	31.44 0.09 0.00	33.46 0.33 0.00	35.65 0.56 0.00	38.69 0.83 0.00	40.24 0.79 0.00	40.71 0.52 0.00	45.83 0.36 0.00	50.05 -0.05 0.01	47.91 0.14 0.00	41.25 -0.08 0.00	37.26 0.07 0.00	33.59 -0.10 0.00	30.90 -0.06 0.00	28.87 0.26 0.00
RUSSELL____2 23532	27.47 0.46 0.00	25.17 0.32 0.00	23.06 0.02 0.00	22.02 -0.24 0.00	22.08 -0.36 0.00	22.36 -0.36 0.00	24.76 0.17 0.00	25.30 -0.15 0.00	27.81 0.06 0.00	29.78 0.06 0.00	31.44 0.09 0.00	33.46 0.33 0.00	35.65 0.56 0.00	38.69 0.83 0.00	40.24 0.79 0.00	40.71 0.52 0.00	45.83 0.36 0.00	50.05 -0.05 0.01	47.91 0.14 0.00	41.25 -0.08 0.00	37.26 0.07 0.00	33.59 -0.10 0.00	30.90 -0.06 0.00	28.87 0.26 0.00
RUSSELL____3 23549	27.47 0.46 0.00	25.17 0.32 0.00	23.06 0.02 0.00	22.02 -0.24 0.00	22.08 -0.36 0.00	22.36 -0.36 0.00	24.76 0.17 0.00	25.30 -0.15 0.00	27.81 0.06 0.00	29.78 0.06 0.00	31.44 0.09 0.00	33.46 0.33 0.00	35.65 0.56 0.00	38.69 0.83 0.00	40.24 0.79 0.00	40.71 0.52 0.00	45.83 0.36 0.00	50.05 -0.05 0.01	47.91 0.14 0.00	41.25 -0.08 0.00	37.26 0.07 0.00	33.59 -0.10 0.00	30.90 -0.06 0.00	28.87 0.26 0.00
RUSSELL____4 23556	27.47 0.46 0.00	25.17 0.32 0.00	23.06 0.02 0.00	22.02 -0.24 0.00	22.08 -0.36 0.00	22.36 -0.36 0.00	24.76 0.17 0.00	25.30 -0.15 0.00	27.81 0.06 0.00	29.78 0.06 0.00	31.44 0.09 0.00	33.46 0.33 0.00	35.65 0.56 0.00	38.69 0.83 0.00	40.24 0.79 0.00	40.71 0.52 0.00	45.83 0.36 0.00	50.05 -0.05 0.01	47.91 0.14 0.00	41.25 -0.08 0.00	37.26 0.07 0.00	33.59 -0.10 0.00	30.90 -0.06 0.00	28.87 0.26 0.00
RUSSELL____STATION 23914	27.47 0.46 0.00	25.17 0.32 0.00	23.06 0.02 0.00	22.02 -0.24 0.00	22.08 -0.36 0.00	22.36 -0.36 0.00	24.76 0.17 0.00	25.30 -0.15 0.00	27.81 0.06 0.00	29.78 0.06 0.00	31.44 0.09 0.00	33.46 0.33 0.00	35.65 0.56 0.00	38.69 0.83 0.00	40.24 0.79 0.00	40.71 0.52 0.00	45.83 0.36 0.00	50.05 -0.05 0.01	47.91 0.14 0.00	41.25 -0.08 0.00	37.26 0.07 0.00	33.59 -0.10 0.00	30.90 -0.06 0.00	28.87 0.26 0.00
S SALMON____HYD 24043	26.72 -0.30 0.00	24.63 -0.22 0.00	22.67 -0.37 0.00	21.87 -0.38 0.01	22.06 -0.38 0.00	22.34 -0.39 0.00	24.26 -0.32 0.00	25.00 -0.46 0.00	28.13 -0.53 -0.91	30.50 -0.48 -1.26	32.23 -0.41 -1.29	34.26 -0.40 -1.53	36.04 -0.39 -1.34	39.39 -0.38 -1.91	40.62 -0.43 -1.61	41.23 -0.52 -1.56	47.51 -0.64 -2.67	52.01 -0.75 -2.66	49.24 -0.52 -2.00	42.42 -0.37 -1.46	37.93 -0.22 -0.96	34.44 -0.10 -0.85	30.94 -0.18 -0.16	28.52 -0.20 -0.11
S.PERRY__115KV_TB1 80734	28.39 1.38 0.00	25.99 1.14 0.00	23.73 0.69 0.00	22.64 0.38 0.00	22.73 0.29 0.00	23.04 0.32 0.00	25.54 0.96 0.00	25.91 0.46 0.00	28.23 0.47 0.00	30.14 0.42 0.00	31.75 0.41 0.00	33.76 0.63 0.00	34.77 -0.32 0.00	37.67 -0.19 0.00	39.29 -0.16 0.00	39.79 -0.40 0.00	44.74 -0.73 0.00	49.05 -1.05 0.01	47.52 -0.24 0.00	41.29 -0.04 0.00	37.52 0.33 0.00	33.76 0.07 0.00	32.01 1.05 0.00	29.78 1.17 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	27.04 0.03 0.00	24.70 -0.15 0.00	22.56 -0.48 0.00	21.48 -0.78 0.00	21.45 -0.99 0.00	21.70 -1.02 0.00	24.26 -0.32 0.00	24.49 -0.97 0.00	27.06 -0.69 0.00	28.86 -0.86 0.00	30.44 -0.91 0.00	32.50 -0.63 0.00	34.63 -0.46 0.00	37.48 -0.38 0.00	38.97 -0.47 0.00	39.39 -0.80 0.00	44.06 -1.41 0.00	47.64 -2.46 0.01	45.76 -2.01 0.00	39.31 -2.03 0.00	35.73 -1.45 0.00	32.25 -1.45 0.00	29.79 -1.18 0.00	28.07 -0.54 0.00
SAWYER____23_KV_LOAD 55526	27.04 0.03 0.00	24.70 -0.15 0.00	22.56 -0.48 0.00	21.48 -0.78 0.00	21.45 -0.99 0.00	21.70 -1.02 0.00	24.26 -0.32 0.00	24.49 -0.97 0.00	27.06 -0.69 0.00	28.86 -0.86 0.00	30.44 -0.91 0.00	32.50 -0.63 0.00	34.63 -0.46 0.00	37.48 -0.38 0.00	38.97 -0.47 0.00	39.39 -0.80 0.00	44.06 -1.41 0.00	47.64 -2.46 0.01	45.76 -2.01 0.00	39.31 -2.03 0.00	35.73 -1.45 0.00	32.25 -1.45 0.00	29.79 -1.18 0.00	28.07 -0.54 0.00

SELKIRK___I 23801	27.88 0.86 0.00	25.59 0.74 0.00	23.66 0.62 0.00	22.91 0.65 0.00	23.09 0.65 0.00	23.34 0.61 0.00	25.32 0.74 0.00	26.27 0.81 0.00	28.50 0.75 0.00	30.41 0.68 0.00	31.96 0.72 0.11	33.74 0.73 0.11	35.49 0.53 0.12	38.17 0.53 0.21	39.80 0.59 0.24	40.87 0.68 0.00	46.08 0.86 0.25	51.26 1.15 0.00	49.05 1.29 0.00	42.57 1.24 0.00	38.26 1.08 0.00	34.74 1.05 0.00	32.14 1.18 0.00	29.58 0.97 0.00
SELKIRK___II 23799	27.74 0.73 0.00	25.45 0.60 0.00	23.50 0.46 0.00	22.75 0.49 0.00	22.95 0.52 0.00	23.23 0.50 0.00	25.20 0.61 0.00	26.19 0.74 0.00	28.45 0.69 0.00	30.43 0.71 0.00	32.01 0.78 0.12	33.82 0.83 0.14	35.44 0.49 0.14	38.10 0.49 0.25	39.72 0.55 0.28	40.80 0.60 0.00	45.89 0.73 0.30	51.01 0.90 0.00	48.72 0.95 0.00	42.24 0.91 0.00	37.93 0.74 0.00	34.44 0.74 0.00	32.02 1.05 0.00	29.44 0.83 0.00
SENECA OSWGO___HYD 24041	26.69 -0.32 0.00	24.60 -0.25 0.00	22.67 -0.37 0.00	21.86 -0.40 0.00	22.06 -0.38 0.00	22.29 -0.43 0.00	24.29 -0.29 0.00	25.04 -0.41 0.00	28.64 -0.39 -1.27	31.10 -0.39 -1.77	32.79 -0.37 -1.81	34.91 -0.36 -2.15	36.66 -0.32 -1.88	40.28 -0.26 -2.68	41.35 -0.36 -2.26	41.98 -0.40 -2.19	48.73 -0.50 -3.76	53.19 -0.65 -3.74	50.00 -0.57 -2.81	42.90 -0.49 -2.06	38.17 -0.37 -1.36	34.58 -0.30 -1.19	30.91 -0.28 -0.22	28.48 -0.29 -0.16
SENECA___115KV_TB3 355854	27.36 0.35 0.00	25.00 0.15 0.00	22.81 -0.23 0.00	21.73 -0.53 0.00	21.70 -0.74 0.00	21.98 -0.75 0.00	24.56 -0.02 0.00	24.84 -0.61 0.00	27.42 -0.33 0.00	29.31 -0.42 0.00	30.94 -0.41 0.00	33.03 -0.10 0.00	35.23 0.14 0.00	38.16 0.30 0.00	39.73 0.28 -0.01	40.12 -0.08 -0.01	44.93 -0.55 -0.01	48.55 -1.55 0.00	46.53 -1.24 -0.01	39.93 -1.41 0.00	36.29 -0.89 0.00	32.72 -0.98 0.00	30.22 -0.74 0.00	28.41 -0.20 0.00
SENECA___ENERGY 23797	27.31 0.30 0.00	25.10 0.25 0.00	23.04 0.00 0.00	22.13 -0.13 0.00	22.33 -0.11 0.00	22.59 -0.14 0.00	24.78 0.20 0.00	25.56 0.10 0.00	28.48 0.22 -0.51	30.60 0.18 -0.70	32.32 0.25 -0.72	34.35 0.37 -0.86	36.36 0.53 -0.75	39.57 0.64 -1.07	41.02 0.67 -0.90	41.58 0.52 -0.87	47.47 0.50 -1.50	51.84 0.25 -1.48	49.26 0.38 -1.12	42.40 0.25 -0.82	38.02 0.30 -0.54	34.41 0.24 -0.47	31.21 0.16 -0.09	28.87 0.20 -0.06
SHOEMAKER___GT 23640	28.53 1.51 0.00	26.07 1.22 0.00	23.92 0.88 0.00	23.11 0.85 0.00	23.27 0.83 0.00	23.61 0.89 0.00	25.76 1.18 0.00	26.90 1.45 0.00	29.25 1.50 0.00	31.33 1.60 0.00	33.32 1.82 -0.16	35.15 1.85 -0.17	37.23 1.96 -0.18	40.29 2.12 -0.31	41.97 2.17 -0.35	42.44 2.25 0.00	48.57 2.73 -0.37	53.21 3.11 0.00	50.53 2.77 0.00	43.73 2.40 0.00	39.38 2.19 0.00	35.79 2.09 0.00	32.91 1.95 0.00	30.30 1.69 0.00
SHOEMAKR_138KV_BK 111 55601	28.53 1.51 0.00	26.04 1.19 0.00	23.89 0.85 0.00	23.11 0.85 0.00	23.29 0.85 0.00	23.59 0.86 0.00	25.76 1.18 0.00	26.90 1.45 0.00	29.28 1.53 0.00	31.36 1.63 0.00	33.35 1.85 -0.15	35.18 1.89 -0.17	37.26 2.00 -0.18	40.32 2.16 -0.31	42.00 2.21 -0.35	42.48 2.29 0.00	48.57 2.73 -0.37	53.21 3.11 0.00	50.53 2.77 0.00	43.73 2.40 0.00	39.38 2.19 0.00	35.79 2.09 0.00	32.91 1.95 0.00	30.30 1.69 0.00
SHOREHAM_IC_1 23715	32.14 2.76 -2.37	31.49 2.24 -4.40	30.85 1.75 -6.06	26.60 1.69 -2.65	26.52 1.66 -2.42	29.36 1.73 -4.90	29.21 2.21 -2.41	30.91 2.62 -2.83	31.80 2.94 -1.10	32.90 3.18 0.00	39.08 3.60 -4.13	50.96 3.74 -14.09	67.48 3.96 -28.43	106.00 4.28 -63.87	134.01 4.26 -90.30	83.70 4.26 -39.25	134.06 5.05 -83.54	134.02 5.76 -78.15	70.18 5.06 -17.36	47.30 4.59 -1.39	41.85 4.16 -0.51	39.67 3.81 -2.17	35.30 3.53 -0.81	34.57 3.06 -2.90
SHOREHAM_IC_2 23716	32.14 2.76 -2.37	31.49 2.24 -4.40	30.85 1.75 -6.06	26.60 1.69 -2.65	26.52 1.66 -2.42	29.36 1.73 -4.90	29.21 2.21 -2.41	30.91 2.62 -2.83	31.80 2.94 -1.10	32.90 3.18 0.00	39.08 3.60 -4.13	50.96 3.74 -14.09	67.48 3.96 -28.43	106.00 4.28 -63.87	134.01 4.26 -90.30	83.70 4.26 -39.25	134.06 5.05 -83.54	134.02 5.76 -78.15	70.18 5.06 -17.36	47.30 4.59 -1.39	41.85 4.16 -0.51	39.67 3.81 -2.17	35.30 3.53 -0.81	34.57 3.06 -2.90
SISSONVILLE____ 23735	25.39 -1.62 0.00	23.48 -1.37 0.00	22.03 -1.01 0.00	21.24 -0.93 0.09	21.49 -0.94 0.00	21.84 -0.89 0.00	23.36 -1.23 0.00	24.15 -1.30 0.00	26.46 -1.42 -0.12	28.43 -1.46 -0.16	29.88 -1.63 -0.17	31.57 -1.76 -0.20	33.37 -1.89 -0.17	36.02 -2.08 -0.25	37.53 -2.13 -0.21	38.26 -2.13 -0.20	43.45 -2.36 -0.35	47.99 -2.46 -0.34	45.92 -2.10 -0.26	39.70 -1.82 -0.19	35.64 -1.67 -0.13	32.12 -1.68 -0.11	29.22 -1.76 -0.02	27.08 -1.54 -0.01
SITHE_IND_GS1 24169	26.31 -0.70 0.00	24.30 -0.55 0.00	22.47 -0.58 0.00	21.66 -0.60 0.00	21.83 -0.60 0.00	22.09 -0.64 0.00	24.02 -0.56 0.00	24.71 -0.74 0.00	23.31 -0.75 3.70	23.80 -0.80 5.12	25.27 -0.82 5.26	26.06 -0.83 6.24	28.78 -0.84 5.47	29.21 -0.87 7.78	31.98 -0.91 6.56	32.87 -0.96 6.36	33.43 -1.13 10.90	37.83 -1.40 10.87	38.33 -1.29 8.15	34.25 -1.11 5.97	32.28 -0.97 3.93	29.36 -0.88 3.46	29.51 -0.81 0.65	27.40 -0.74 0.47
SITHE_IND_GS2 24170	26.31 -0.70 0.00	24.30 -0.55 0.00	22.47 -0.58 0.00	21.66 -0.60 0.00	21.83 -0.60 0.00	22.09 -0.64 0.00	24.02 -0.56 0.00	24.71 -0.74 0.00	23.31 -0.75 3.70	23.80 -0.80 5.12	25.27 -0.82 5.26	26.06 -0.83 6.24	28.78 -0.84 5.47	29.21 -0.87 7.78	31.98 -0.91 6.56	32.87 -0.96 6.36	33.43 -1.13 10.90	37.83 -1.40 10.87	38.33 -1.29 8.15	34.25 -1.11 5.97	32.28 -0.97 3.93	29.36 -0.88 3.46	29.51 -0.81 0.65	27.40 -0.74 0.47
SITHE_IND_GS3 24171	26.31 -0.70 0.00	24.30 -0.55 0.00	22.47 -0.58 0.00	21.66 -0.60 0.00	21.83 -0.60 0.00	22.09 -0.64 0.00	24.02 -0.56 0.00	24.71 -0.74 0.00	23.31 -0.75 3.70	23.80 -0.80 5.12	25.27 -0.82 5.26	26.06 -0.83 6.24	28.78 -0.84 5.47	29.21 -0.87 7.78	31.98 -0.91 6.56	32.87 -0.96 6.36	33.43 -1.13 10.90	37.83 -1.40 10.87	38.33 -1.29 8.15	34.25 -1.11 5.97	32.28 -0.97 3.93	29.36 -0.88 3.46	29.51 -0.81 0.65	27.40 -0.74 0.47
SITHE_IND_GS4 24172	26.31 -0.70 0.00	24.30 -0.55 0.00	22.47 -0.58 0.00	21.66 -0.60 0.00	21.83 -0.60 0.00	22.09 -0.64 0.00	24.02 -0.56 0.00	24.71 -0.74 0.00	23.31 -0.75 3.70	23.80 -0.80 5.12	25.27 -0.82 5.26	26.06 -0.83 6.24	28.78 -0.84 5.47	29.21 -0.87 7.78	31.98 -0.91 6.56	32.87 -0.96 6.36	33.43 -1.13 10.90	37.83 -1.40 10.87	38.33 -1.29 8.15	34.25 -1.11 5.97	32.28 -0.97 3.93	29.36 -0.88 3.46	29.51 -0.81 0.65	27.40 -0.74 0.47
SITHE___BATAVIA 24024	27.69 0.68 0.00	25.32 0.47 0.00	23.13 0.09 0.00	21.99 -0.27 0.00	22.21 -0.22 0.00	22.34 -0.39 0.00	24.93 0.34 0.00	25.25 -0.20 0.00	27.87 0.11 0.00	29.69 -0.03 0.00	31.47 0.13 0.00	33.42 0.30 0.00	35.72 0.63 0.00	38.69 0.83 0.00	40.32 0.87 -0.01	40.60 0.40 -0.01	45.57 0.09 -0.01	49.55 -0.55 0.00	47.62 -0.14 -0.01	40.96 -0.37 0.00	37.15 -0.04 0.00	33.49 -0.20 0.00	30.81 -0.15 0.00	28.92 0.32 0.00

SITHE___INDEPEND 23800	26.31 -0.70 0.00	24.30 -0.55 0.00	22.46 -0.58 0.00	21.66 -0.60 0.00	21.81 -0.63 0.00	22.09 -0.64 0.00	24.02 -0.57 0.00	24.71 -0.74 0.00	23.28 -0.78 3.70	23.80 -0.80 5.12	25.24 -0.85 5.26	26.06 -0.83 6.24	28.78 -0.84 5.47	29.21 -0.87 7.78	31.98 -0.91 6.56	32.87 -0.96 6.36	33.43 -1.14 10.90	37.83 -1.40 10.87	38.32 -1.29 8.15	34.24 -1.12 5.97	32.28 -0.97 3.93	29.36 -0.88 3.46	29.51 -0.81 0.65	27.40 -0.74 0.47
SITHE___MASSENA 23902	26.18 -0.84 0.00	24.18 -0.67 0.00	22.70 -0.34 0.00	21.80 -0.33 0.12	22.12 -0.31 0.00	22.43 -0.30 0.00	23.99 -0.59 0.00	24.84 -0.61 0.00	27.12 -0.64 0.00	29.07 -0.65 0.00	30.56 -0.78 0.00	32.23 -0.89 0.00	34.14 -0.95 0.00	36.80 -1.06 0.00	38.34 -1.10 0.00	39.11 -1.08 0.00	44.24 -1.23 0.00	48.90 -1.20 0.00	46.52 -1.24 0.00	40.26 -1.07 0.00	36.18 -1.00 0.00	32.65 -1.04 0.00	29.88 -1.08 0.00	27.72 -0.89 0.00
SITHE___OGDNSBRG 24021	26.12 -0.89 0.00	24.15 -0.70 0.00	22.67 -0.37 0.00	21.85 -0.31 0.10	22.12 -0.31 0.00	22.50 -0.23 0.00	24.02 -0.57 0.00	24.79 -0.66 0.00	27.01 -0.75 0.00	28.98 -0.74 0.00	30.44 -0.91 0.00	32.13 -0.99 0.00	34.00 -1.09 0.00	36.65 -1.21 0.00	38.26 -1.18 0.00	39.03 -1.17 0.00	44.20 -1.27 0.00	48.85 -1.25 0.00	46.76 -1.00 0.00	40.50 -0.83 0.00	36.40 -0.78 0.00	32.85 -0.84 0.00	29.94 -1.02 0.00	27.78 -0.83 0.00
SITHE___STERLING 23777	27.96 0.94 0.00	25.72 0.87 0.00	23.66 0.62 0.00	22.83 0.58 0.00	23.02 0.58 0.00	23.39 0.66 0.00	25.44 0.86 0.00	26.29 0.84 0.00	28.82 0.86 -0.21	30.93 0.92 -0.29	32.71 1.07 -0.30	34.71 1.23 -0.35	36.70 1.30 -0.31	39.77 1.47 -0.44	41.55 1.73 -0.37	42.28 1.73 -0.36	48.08 2.00 -0.61	52.82 2.10 -0.61	50.37 2.15 -0.46	43.53 1.86 -0.34	39.04 1.63 -0.22	35.44 1.55 -0.20	32.24 1.24 -0.04	29.72 1.09 -0.03
SLEIGHT___34_KV_TB1 80719	27.12 0.11 0.00	24.92 0.07 0.00	22.86 -0.18 0.00	21.90 -0.36 0.00	22.01 -0.43 0.00	22.32 -0.41 0.00	24.58 0.00 0.00	25.27 -0.18 0.00	27.84 -0.06 -0.14	29.89 -0.03 -0.20	31.55 0.00 -0.20	33.56 0.20 -0.24	35.65 0.35 -0.21	38.72 0.57 -0.30	40.25 0.55 -0.25	40.80 0.36 -0.24	46.11 0.23 -0.42	50.41 -0.10 -0.41	48.12 0.05 -0.31	41.44 -0.12 -0.23	37.33 0.00 -0.15	33.69 -0.13 -0.13	30.86 -0.12 -0.02	28.68 0.06 -0.02
SOUTH CAIRO___GT 23612	28.74 1.73 0.00	26.44 1.59 0.00	24.38 1.34 0.00	23.55 1.29 0.00	23.78 1.35 0.00	24.09 1.36 0.00	26.11 1.52 0.00	27.03 1.58 0.00	29.00 1.25 0.00	30.85 1.13 0.00	32.56 1.29 0.07	34.38 1.33 0.08	36.34 1.33 0.08	39.27 1.55 0.14	40.99 1.70 0.16	41.88 1.69 0.00	47.53 2.23 0.17	52.86 2.76 0.00	50.77 3.01 0.00	44.10 2.77 0.00	39.60 2.42 0.00	35.95 2.26 0.00	33.19 2.23 0.00	30.53 1.92 0.00
SOUTH HAMPTN___IC 23720	32.57 3.19 -2.37	31.88 2.63 -4.40	31.19 2.10 -6.06	26.94 2.03 -2.65	26.88 2.02 -2.42	29.72 2.09 -4.90	29.58 2.58 -2.41	31.31 3.03 -2.83	32.35 3.50 -1.10	33.56 3.84 0.00	39.90 4.45 -4.10	52.13 4.70 -14.30	67.47 4.98 -27.40	104.39 5.34 -61.20	131.42 5.40 -86.57	83.14 5.35 -37.60	131.74 6.23 -80.05	132.04 7.07 -74.87	70.69 6.30 -16.63	48.28 5.62 -1.33	42.68 5.02 -0.48	40.42 4.55 -2.18	35.89 4.12 -0.81	35.08 3.58 -2.90
SOUTHDOW___115KV_TB1 355954	28.31 1.30 0.00	25.82 0.97 0.00	23.52 0.48 0.00	22.42 0.16 0.00	22.39 -0.04 0.00	22.70 -0.02 0.00	25.40 0.81 0.00	25.81 0.36 0.00	28.56 0.80 0.00	30.58 0.86 0.00	32.35 1.00 0.00	34.49 1.36 0.00	36.77 1.68 0.00	39.83 1.97 0.00	41.46 2.01 0.00	41.84 1.65 0.00	46.75 1.27 0.00	50.50 0.40 0.00	48.24 0.48 0.00	41.37 0.04 0.00	37.52 0.33 0.00	33.86 0.17 0.00	31.12 0.15 0.00	29.07 0.46 0.00
SOUTHOLD_69_KV_BK 2 55809	32.92 3.54 -2.37	32.16 2.91 -4.40	31.49 2.40 -6.06	27.25 2.34 -2.65	27.21 2.36 -2.42	30.02 2.39 -4.90	29.87 2.88 -2.41	31.65 3.36 -2.83	32.85 4.00 -1.10	34.12 4.40 0.00	40.74 5.30 -4.10	53.06 5.63 -14.30	68.53 6.04 -27.41	105.52 6.44 -61.23	132.45 6.39 -86.62	84.24 6.43 -37.62	133.06 7.50 -80.09	133.53 8.52 -74.91	71.99 7.59 -16.64	49.35 6.70 -1.33	43.47 5.80 -0.48	41.20 5.32 -2.18	36.41 4.64 -0.81	35.54 4.03 -2.90
SOUTHOLD___IC 23719	32.92 3.54 -2.37	32.21 2.96 -4.40	31.49 2.40 -6.06	27.25 2.34 -2.65	27.17 2.31 -2.42	30.02 2.39 -4.90	29.87 2.88 -2.41	31.65 3.36 -2.83	32.82 3.97 -1.10	34.15 4.43 0.00	40.71 5.26 -4.10	53.06 5.63 -14.30	68.50 6.00 -27.41	105.52 6.44 -61.23	132.57 6.51 -86.62	84.24 6.43 -37.62	133.06 7.50 -80.09	133.48 8.47 -74.91	71.99 7.60 -16.64	49.35 6.69 -1.33	43.54 5.87 -0.48	41.16 5.29 -2.18	36.41 4.64 -0.81	35.54 4.03 -2.90
SOUTH_FORK_WT_PWR 323839	32.76 3.38 -2.37	32.08 2.83 -4.40	31.40 2.30 -6.06	27.18 2.27 -2.65	27.10 2.24 -2.42	29.95 2.32 -4.90	29.77 2.78 -2.41	31.57 3.28 -2.83	32.77 3.91 -1.10	34.12 4.40 0.00	40.75 5.30 -4.10	53.13 5.70 -14.30	68.56 6.07 -27.40	105.51 6.44 -61.21	132.51 6.47 -86.59	84.19 6.39 -37.61	132.95 7.41 -80.07	133.36 8.37 -74.89	71.89 7.50 -16.63	49.27 6.61 -1.33	43.43 5.76 -0.48	41.06 5.19 -2.18	36.29 4.52 -0.81	35.40 3.89 -2.90
SPIERFLS_115KV_TB 1 80737	28.42 1.40 0.00	26.09 1.24 0.00	24.01 0.97 0.00	23.15 0.89 0.00	23.36 0.92 0.00	23.68 0.95 0.00	25.69 1.11 0.00	26.67 1.22 0.00	29.14 1.39 0.00	31.18 1.46 0.00	32.54 1.38 0.18	34.48 1.56 0.20	36.56 1.68 0.21	39.04 1.55 0.37	40.81 1.78 0.41	42.12 1.93 0.00	47.12 2.09 0.44	52.71 2.61 0.00	50.87 3.10 0.00	44.14 2.81 0.00	39.82 2.64 0.00	36.16 2.46 0.00	33.07 2.11 0.00	30.33 1.72 0.00
ST LAWRENCE____ 23600	26.23 -0.78 0.00	24.20 -0.65 0.00	22.70 -0.34 0.00	21.94 -0.33 -0.01	22.12 -0.31 0.00	22.43 -0.30 0.00	24.02 -0.56 0.00	24.84 -0.61 0.00	27.09 -0.67 0.00	29.04 -0.68 0.00	30.53 -0.82 0.00	32.23 -0.89 0.00	34.14 -0.95 0.00	36.80 -1.06 0.00	38.34 -1.10 0.00	39.11 -1.08 0.00	44.24 -1.23 0.00	48.80 -1.30 0.00	46.47 -1.29 0.00	40.17 -1.16 0.00	36.14 -1.04 0.00	32.65 -1.04 0.00	29.91 -1.05 0.00	27.75 -0.86 0.00
STATE_CA_115KV_115_LB 55624	27.82 0.81 0.00	25.55 0.70 0.00	23.59 0.55 0.00	22.82 0.56 0.00	23.04 0.61 0.00	23.29 0.57 0.00	25.30 0.71 0.00	26.29 0.84 0.00	28.56 0.80 0.00	30.56 0.83 0.00	32.11 0.94 0.17	33.93 0.99 0.19	35.84 0.95 0.20	38.49 0.98 0.35	40.12 1.07 0.39	41.32 1.13 0.00	46.32 1.27 0.42	51.71 1.60 0.00	49.34 1.58 0.00	42.74 1.41 0.00	38.37 1.19 0.00	34.88 1.18 0.00	32.14 1.18 0.00	29.55 0.94 0.00
STATE_ST_34_KV_LOAD 55959	27.45 0.43 0.00	25.25 0.40 0.00	23.23 0.18 0.00	22.33 0.07 0.00	22.48 0.04 0.00	22.79 0.07 0.00	24.93 0.34 0.00	25.78 0.33 0.00	28.76 0.42 -0.59	31.01 0.48 -0.82	32.69 0.50 -0.84	34.78 0.66 -0.99	36.73 0.77 -0.87	40.04 0.95 -1.24	41.48 0.99 -1.04	42.17 0.96 -1.01	48.20 1.00 -1.73	52.68 0.85 -1.72	49.97 0.91 -1.30	42.98 0.70 -0.95	38.52 0.71 -0.63	34.85 0.61 -0.55	31.56 0.50 -0.10	29.14 0.46 -0.07

STATION 5_MISC_HYD 23604	27.31 0.30 0.00	25.02 0.18 0.00	22.93 -0.11 0.00	21.93 -0.33 0.00	22.12 -0.31 0.00	22.29 -0.43 0.00	24.63 0.05 0.00	25.17 -0.28 0.00	27.70 -0.06 0.00	29.60 -0.12 0.00	31.35 0.00 0.00	33.26 0.13 0.00	35.44 0.35 0.00	38.35 0.49 0.00	39.96 0.51 0.00	40.39 0.20 0.00	45.47 0.00 0.00	49.60 -0.50 0.01	47.48 -0.28 0.00	40.92 -0.41 0.00	36.96 -0.22 0.00	33.43 -0.27 0.00	30.71 -0.25 0.00	28.67 0.06 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	27.50 0.49 0.00	25.22 0.37 0.00	23.13 0.09 0.00	22.15 -0.11 0.00	22.26 -0.18 0.00	22.54 -0.18 0.00	24.88 0.30 0.00	25.55 0.10 0.00	28.18 0.28 -0.15	30.23 0.30 -0.21	31.87 0.31 -0.21	33.94 0.56 -0.25	36.05 0.74 -0.22	39.20 1.02 -0.32	40.74 1.03 -0.27	41.25 0.80 -0.26	46.69 0.77 -0.44	50.99 0.45 -0.44	48.67 0.57 -0.33	41.95 0.37 -0.24	37.75 0.41 -0.16	34.07 0.24 -0.14	31.21 0.22 -0.03	29.00 0.37 -0.02
STA_56_34_KV_BUS2_REV_LBMP_B 345033	27.15 0.14 0.00	24.90 0.05 0.00	22.83 -0.21 0.00	21.81 -0.45 0.00	21.90 -0.54 0.00	22.18 -0.55 0.00	24.51 -0.07 0.00	25.10 -0.36 0.00	27.56 -0.19 0.00	29.51 -0.21 0.00	31.13 -0.22 0.00	33.13 0.00 0.00	35.26 0.18 0.00	38.24 0.38 0.00	39.80 0.36 0.00	40.31 0.12 0.00	45.38 -0.09 0.00	49.55 -0.55 0.01	47.38 -0.38 0.00	40.84 -0.50 0.00	36.89 -0.30 0.00	33.26 -0.44 0.00	30.62 -0.34 0.00	28.55 -0.06 0.00
STA_56____34_KV_BUS2 355983	27.15 0.14 0.00	24.90 0.05 0.00	22.83 -0.21 0.00	21.81 -0.45 0.00	21.90 -0.54 0.00	22.18 -0.55 0.00	24.51 -0.07 0.00	25.10 -0.36 0.00	27.56 -0.19 0.00	29.51 -0.21 0.00	31.13 -0.22 0.00	33.13 0.00 0.00	35.26 0.18 0.00	38.24 0.38 0.00	39.80 0.36 0.00	40.31 0.12 0.00	45.38 -0.09 0.00	49.55 -0.55 0.01	47.38 -0.38 0.00	40.84 -0.50 0.00	36.89 -0.30 0.00	33.26 -0.44 0.00	30.62 -0.34 0.00	28.55 -0.06 0.00
STA_67____115KV_BK2 355882	27.23 0.22 0.00	24.97 0.12 0.00	22.88 -0.16 0.00	21.86 -0.40 0.00	21.92 -0.52 0.00	22.20 -0.52 0.00	24.56 -0.02 0.00	25.10 -0.36 0.00	27.56 -0.19 0.00	29.51 -0.21 0.00	31.13 -0.22 0.00	33.13 0.00 0.00	35.26 0.18 0.00	38.20 0.34 0.00	39.76 0.32 0.00	40.23 0.04 0.00	45.29 -0.18 0.00	49.45 -0.65 0.01	47.33 -0.43 0.00	40.79 -0.54 0.00	36.85 -0.33 0.00	33.26 -0.44 0.00	30.62 -0.34 0.00	28.58 -0.03 0.00
STA_7____115KV_9TRANS 80674	27.47 0.46 0.00	25.17 0.32 0.00	23.06 0.02 0.00	22.02 -0.24 0.00	22.08 -0.36 0.00	22.36 -0.36 0.00	24.76 0.17 0.00	25.30 -0.15 0.00	27.81 0.06 0.00	29.78 0.06 0.00	31.44 0.09 0.00	33.46 0.33 0.00	35.65 0.56 0.00	38.69 0.83 0.00	40.24 0.79 0.00	40.71 0.52 0.00	45.83 0.36 0.00	50.05 -0.05 0.01	47.91 0.14 0.00	41.25 -0.08 0.00	37.26 0.07 0.00	33.59 -0.10 0.00	30.90 -0.06 0.00	28.87 0.26 0.00
STA_82____115KV_TB1 80780	27.23 0.22 0.00	24.97 0.12 0.00	22.88 -0.16 0.00	21.88 -0.38 0.00	21.94 -0.49 0.00	22.23 -0.50 0.00	24.58 0.00 0.00	25.12 -0.33 0.00	27.59 -0.17 0.00	29.51 -0.21 0.00	31.16 -0.19 0.00	33.13 0.00 0.00	35.26 0.18 0.00	38.24 0.38 0.00	39.76 0.32 0.00	40.27 0.08 0.00	45.29 -0.18 0.00	49.45 -0.65 0.01	47.33 -0.43 0.00	40.79 -0.54 0.00	36.89 -0.30 0.00	33.26 -0.44 0.00	30.65 -0.31 0.00	28.61 0.00 0.00
STEEL____WIND 323596	27.34 0.33 0.00	24.97 0.12 0.00	22.79 -0.25 0.00	21.70 -0.56 0.00	21.88 -0.56 0.00	22.00 -0.73 0.00	24.54 -0.05 0.00	24.82 -0.64 0.00	27.48 -0.28 0.00	29.31 -0.42 0.00	31.06 -0.28 0.00	33.03 -0.10 0.00	35.30 0.21 0.00	38.09 0.23 0.00	39.73 0.28 -0.01	40.08 -0.12 -0.01	44.84 -0.64 -0.01	48.50 -1.61 0.00	46.48 -1.29 -0.01	39.88 -1.45 0.00	36.25 -0.93 0.00	32.75 -0.94 0.00	30.19 -0.77 0.00	28.38 -0.23 0.00
STEPHTWN_115KV_BK_2 55603	27.96 0.95 0.00	25.67 0.82 0.00	23.69 0.65 0.00	22.91 0.65 0.00	23.13 0.70 0.00	23.39 0.66 0.00	25.42 0.84 0.00	26.42 0.97 0.00	28.73 0.97 0.00	30.70 0.98 0.17	32.31 1.13 0.18	34.14 1.19 0.19	35.98 1.09 0.19	38.69 1.17 0.34	40.33 1.26 0.38	41.56 1.37 0.00	46.61 1.55 0.41	52.01 1.90 0.00	49.67 1.91 0.00	43.03 1.69 0.00	38.63 1.45 0.00	35.11 1.42 0.00	32.39 1.42 0.00	29.72 1.12 0.00
STEUBEN_REC_LFGE 323667	28.15 1.13 0.00	25.72 0.87 0.00	23.48 0.44 0.00	22.44 0.18 0.00	22.53 0.09 0.00	22.82 0.09 0.00	25.40 0.81 0.00	25.96 0.51 0.00	28.69 0.75 -0.19	30.76 0.77 -0.26	32.43 0.82 -0.27	34.61 1.16 -0.32	36.74 1.37 -0.28	39.84 1.59 -0.40	41.40 1.62 -0.33	41.92 1.41 -0.32	47.30 1.27 -0.56	51.40 0.75 -0.55	49.09 0.91 -0.42	42.17 0.54 -0.30	38.09 0.71 -0.20	34.28 0.40 -0.18	31.40 0.40 -0.03	29.18 0.54 -0.02
STILLWATER____SOLAR 323814	28.47 1.46 0.00	26.14 1.29 0.00	24.05 1.01 0.00	23.24 0.98 0.00	23.42 0.99 0.00	23.73 1.00 0.00	25.76 1.18 0.00	26.75 1.30 0.00	29.17 1.41 0.00	31.18 1.46 0.20	32.65 1.50 0.22	34.56 1.66 0.23	36.61 1.75 0.23	39.23 1.78 0.41	40.92 1.93 0.45	42.24 2.05 0.00	47.26 2.27 0.48	52.86 2.75 0.00	50.68 2.91 0.00	43.98 2.65 0.00	39.56 2.38 0.00	35.92 2.22 0.00	32.97 2.01 0.00	30.27 1.66 0.00
STONY____BROOK 24151	32.33 2.94 -2.37	31.66 2.41 -4.40	31.01 1.91 -6.06	26.74 1.83 -2.65	26.67 1.82 -2.42	29.52 1.89 -4.90	29.38 2.38 -2.41	31.09 2.80 -2.83	31.96 3.11 -1.10	33.05 3.33 0.00	39.27 3.63 -4.29	49.11 3.61 -12.37	73.02 3.83 -34.10	120.40 4.09 -78.46	154.27 4.10 -110.72	92.52 4.06 -48.27	152.87 4.77 -102.63	151.68 5.46 -96.12	73.93 4.82 -21.35	47.38 4.34 -1.71	41.93 4.13 -0.62	39.58 3.77 -2.11	35.39 3.62 -0.81	34.71 3.20 -2.90
STURGEON_POOL_HYD 23609	28.96 1.94 0.00	26.34 1.49 0.00	24.15 1.11 0.00	23.33 1.07 0.00	23.54 1.10 0.00	23.84 1.11 0.00	26.03 1.45 0.00	27.26 1.81 0.00	29.64 1.89 0.00	31.77 2.05 0.00	33.88 2.45 -0.09	35.67 2.45 -0.09	37.92 2.74 -0.10	40.98 2.95 -0.17	42.68 3.04 -0.19	43.17 2.97 0.00	49.40 3.73 -0.21	54.11 4.01 0.00	51.30 3.53 0.00	44.35 3.02 0.00	39.90 2.71 0.00	36.29 2.59 0.00	33.38 2.42 0.00	30.73 2.12 0.00
ST_LAW_115_BK7_LBMP 345037	26.15 -0.87 0.00	24.13 -0.72 0.00	22.65 -0.39 0.00	21.89 -0.38 -0.01	22.08 -0.36 0.00	22.39 -0.34 0.00	23.95 -0.64 0.00	24.77 -0.69 0.00	27.03 -0.72 0.00	28.98 -0.74 0.00	30.44 -0.91 0.00	32.13 -0.99 0.00	34.04 -1.05 0.00	36.68 -1.17 0.00	38.22 -1.22 0.00	38.99 -1.20 0.00	44.11 -1.36 0.00	48.70 -1.40 0.00	46.38 -1.39 0.00	40.09 -1.24 0.00	36.03 -1.15 0.00	32.55 -1.15 0.00	29.82 -1.14 0.00	27.67 -0.94 0.00
ST_LAW_115_BK8_LBMP 345038	26.15 -0.87 0.00	24.13 -0.72 0.00	22.65 -0.39 0.00	21.89 -0.38 -0.01	22.08 -0.36 0.00	22.39 -0.34 0.00	23.95 -0.64 0.00	24.77 -0.69 0.00	27.03 -0.72 0.00	28.98 -0.74 0.00	30.44 -0.91 0.00	32.13 -0.99 0.00	34.04 -1.05 0.00	36.68 -1.17 0.00	38.22 -1.22 0.00	38.99 -1.20 0.00	44.11 -1.36 0.00	48.70 -1.40 0.00	46.38 -1.39 0.00	40.09 -1.24 0.00	36.03 -1.15 0.00	32.55 -1.15 0.00	29.82 -1.14 0.00	27.67 -0.94 0.00

ST_LAW_230_BK5_LBMP 345035	26.23 -0.78 0.00	24.20 -0.65 0.00	22.70 -0.34 0.00	21.93 -0.33 -0.01	22.12 -0.31 0.00	22.43 -0.30 0.00	24.02 -0.56 0.00	24.84 -0.61 0.00	27.09 -0.67 0.00	29.04 -0.68 0.00	30.53 -0.82 0.00	32.23 -0.89 0.00	34.14 -0.95 0.00	36.80 -1.06 0.00	38.34 -1.10 0.00	39.11 -1.08 0.00	44.24 -1.23 0.00	48.80 -1.30 0.00	46.47 -1.29 0.00	40.17 -1.16 0.00	36.14 -1.04 0.00	32.65 -1.04 0.00	29.91 -1.05 0.00	27.75 -0.86 0.00
ST_LAW_230_BK6_LBMP 345036	26.23 -0.78 0.00	24.20 -0.65 0.00	22.70 -0.34 0.00	21.93 -0.33 -0.01	22.12 -0.31 0.00	22.43 -0.30 0.00	24.02 -0.56 0.00	24.84 -0.61 0.00	27.09 -0.67 0.00	29.04 -0.68 0.00	30.53 -0.82 0.00	32.23 -0.89 0.00	34.14 -0.95 0.00	36.80 -1.06 0.00	38.34 -1.10 0.00	39.11 -1.08 0.00	44.24 -1.23 0.00	48.80 -1.30 0.00	46.47 -1.29 0.00	40.17 -1.16 0.00	36.14 -1.04 0.00	32.65 -1.04 0.00	29.91 -1.05 0.00	27.75 -0.86 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	28.72 1.70 0.00	26.17 1.32 0.00	24.01 0.97 0.00	23.19 0.93 0.00	23.40 0.96 0.00	23.70 0.98 0.00	25.91 1.33 0.00	27.08 1.63 0.00	29.50 1.75 0.00	31.63 1.90 0.00	33.67 2.16 -0.16	35.49 2.19 -0.18	37.59 2.32 -0.19	40.65 2.46 -0.33	42.34 2.52 -0.37	42.80 2.61 0.00	49.00 3.14 -0.39	53.66 3.56 0.00	50.91 3.15 0.00	44.02 2.69 0.00	39.67 2.49 0.00	36.02 2.33 0.00	33.16 2.20 0.00	30.50 1.89 0.00
SWANROAD_115KV_TB1 355699	26.45 -0.57 0.00	24.23 -0.62 0.00	22.12 -0.92 0.00	21.06 -1.20 0.00	21.02 -1.41 0.00	21.30 -1.43 0.00	23.82 -0.76 0.00	23.93 -1.53 0.00	26.39 -1.36 0.00	28.15 -1.58 0.00	29.65 -1.69 0.00	31.64 -1.49 0.00	33.72 -1.37 0.00	36.49 -1.36 0.00	37.91 -1.54 0.00	38.27 -1.93 0.00	42.84 -2.64 0.00	46.34 -3.76 0.00	44.57 -3.20 0.00	38.27 -3.06 0.00	34.84 -2.34 0.00	31.44 -2.26 0.00	29.07 -1.89 0.00	27.44 -1.17 0.00
SYNERGY___BIOGAS 323694	27.69 0.68 0.00	25.32 0.47 0.00	23.13 0.09 0.00	21.99 -0.27 0.00	22.21 -0.22 0.00	22.34 -0.39 0.00	24.93 0.34 0.00	25.25 -0.20 0.00	27.87 0.11 0.00	29.69 -0.03 0.00	31.47 0.13 0.00	33.42 0.30 0.00	35.72 0.63 0.00	38.69 0.83 0.00	40.32 0.87 -0.01	40.60 0.40 -0.01	45.57 0.09 -0.01	49.55 -0.55 0.00	47.62 -0.14 -0.01	40.96 -0.37 0.00	37.15 -0.04 0.00	33.49 -0.20 0.00	30.81 -0.15 0.00	28.92 0.32 0.00
SYRACUSE___ENERGY_ST1 323597	27.12 0.11 0.00	24.97 0.12 0.00	23.02 -0.02 0.00	22.17 -0.09 0.00	22.33 -0.11 0.00	22.61 -0.11 0.00	24.66 0.07 0.00	25.45 0.00 0.00	28.51 0.06 -0.70	30.82 0.12 -0.98	32.51 0.16 -1.00	34.55 0.23 -1.19	36.45 0.32 -1.04	39.76 0.42 -1.48	41.09 0.39 -1.25	41.81 0.40 -1.21	47.91 0.36 -2.08	52.42 0.25 -2.06	49.55 0.24 -1.55	42.63 0.17 -1.14	38.16 0.22 -0.75	34.56 0.20 -0.66	31.27 0.19 -0.12	28.87 0.17 -0.09
SYRACUSE___ENERGY_ST2 323598	27.12 0.11 0.00	24.97 0.12 0.00	23.02 -0.02 0.00	22.17 -0.09 0.00	22.33 -0.11 0.00	22.61 -0.11 0.00	24.66 0.07 0.00	25.45 0.00 0.00	28.51 0.06 -0.70	30.82 0.12 -0.98	32.51 0.16 -1.00	34.55 0.23 -1.19	36.45 0.32 -1.04	39.76 0.42 -1.48	41.09 0.39 -1.25	41.81 0.40 -1.21	47.91 0.36 -2.08	52.42 0.25 -2.06	49.55 0.24 -1.55	42.63 0.17 -1.14	38.16 0.22 -0.75	34.56 0.20 -0.66	31.27 0.19 -0.12	28.87 0.17 -0.09
SYRACUSE___POWER 24017	26.99 -0.03 0.00	24.85 0.00 0.00	22.90 -0.14 0.00	22.06 -0.20 0.00	22.21 -0.22 0.00	22.50 -0.23 0.00	24.54 -0.05 0.00	25.35 -0.10 0.00	28.17 -0.06 -0.47	30.35 -0.03 -0.66	32.05 0.03 -0.67	33.99 0.07 -0.80	35.93 0.14 -0.70	39.08 0.23 -1.00	40.52 0.24 -0.84	41.21 0.20 -0.82	47.05 0.18 -1.40	51.49 0.00 -1.39	48.81 0.00 -1.05	42.06 -0.04 -0.77	37.72 0.04 -0.50	34.14 0.00 -0.44	31.08 0.03 -0.08	28.70 0.03 -0.06
TALLMAN___138KV_BK151 55660	28.93 1.92 0.00	26.34 1.49 0.00	24.12 1.08 0.00	23.33 1.07 0.00	23.51 1.08 0.00	23.82 1.09 0.00	26.08 1.50 0.00	27.31 1.86 0.00	29.78 2.03 0.00	31.95 2.23 0.00	34.03 2.51 -0.18	35.84 2.52 -0.19	37.92 2.63 -0.20	40.98 2.76 -0.35	42.68 2.84 -0.40	43.13 2.93 0.00	49.39 3.50 -0.42	54.06 3.96 0.00	51.20 3.44 0.00	44.27 2.93 0.00	39.93 2.75 0.00	36.29 2.59 0.00	33.44 2.48 0.00	30.75 2.15 0.00
TEALLAVE_115KV_TB7 355573	26.99 -0.03 0.00	24.85 0.00 0.00	22.90 -0.14 0.00	22.06 -0.20 0.00	22.21 -0.22 0.00	22.50 -0.23 0.00	24.54 -0.05 0.00	25.33 -0.13 0.00	28.06 -0.08 -0.38	30.23 -0.03 -0.53	31.89 0.00 -0.55	33.81 0.03 -0.65	35.76 0.11 -0.57	38.86 0.19 -0.81	40.33 0.20 -0.68	41.01 0.16 -0.66	46.69 0.09 -1.13	51.18 -0.05 -1.12	48.56 -0.05 -0.85	41.87 -0.08 -0.62	37.59 0.00 -0.41	34.02 -0.03 -0.36	31.06 0.03 -0.07	28.69 0.03 -0.05
TELGRAPH_34_KV_EAST 80808	27.20 0.19 0.00	24.90 0.05 0.00	22.74 -0.30 0.00	21.64 -0.62 0.00	21.63 -0.81 0.00	21.91 -0.82 0.00	24.49 -0.10 0.00	24.74 -0.71 0.00	27.28 -0.47 0.00	29.10 -0.62 0.00	30.69 -0.66 0.00	32.76 -0.36 0.00	34.95 -0.14 0.00	37.89 0.04 0.00	39.41 -0.04 -0.01	39.80 -0.40 -0.01	44.57 -0.91 -0.01	48.35 -1.75 0.00	46.43 -1.34 -0.01	39.93 -1.41 0.00	36.22 -0.97 0.00	32.65 -1.04 0.00	30.13 -0.84 0.00	28.38 -0.23 0.00
TEMPLE___115KV_TB 2 55572	27.01 0.00 0.00	24.87 0.02 0.00	22.90 -0.14 0.00	22.08 -0.18 0.00	22.24 -0.20 0.00	22.52 -0.20 0.00	24.56 -0.02 0.00	25.35 -0.10 0.00	28.08 -0.06 -0.38	30.25 0.00 -0.53	31.92 0.03 -0.55	33.84 0.07 -0.65	35.80 0.14 -0.57	38.89 0.23 -0.81	40.36 0.24 -0.68	41.05 0.20 -0.66	46.74 0.14 -1.13	51.17 -0.05 -1.12	48.61 0.00 -0.85	41.91 -0.04 -0.62	37.59 0.00 -0.41	34.05 0.00 -0.36	31.06 0.03 -0.07	28.69 0.03 -0.05
TIANA___69_KV_BK 1 55817	32.52 3.13 -2.37	31.78 2.53 -4.40	31.13 2.03 -6.06	26.89 1.98 -2.65	26.85 2.00 -2.42	29.65 2.02 -4.90	29.50 2.51 -2.41	31.24 2.95 -2.83	32.27 3.41 -1.10	33.38 3.66 0.00	39.71 4.26 -4.10	51.90 4.47 -14.30	67.27 4.77 -27.41	104.19 5.11 -61.23	131.10 5.05 -86.61	82.91 5.10 -37.62	131.51 5.96 -80.08	131.82 6.81 -74.90	70.41 6.02 -16.63	48.07 5.41 -1.33	42.43 4.76 -0.48	40.29 4.41 -2.18	35.76 3.99 -0.81	35.00 3.49 -2.90
TILDEN___115KV_TB1 80814	26.99 -0.03 0.00	24.85 0.00 0.00	22.90 -0.14 0.00	22.06 -0.20 0.00	22.21 -0.22 0.00	22.50 -0.23 0.00	24.54 -0.05 0.00	25.35 -0.10 0.00	28.17 -0.06 -0.47	30.35 -0.03 -0.66	32.05 0.03 -0.67	33.99 0.07 -0.80	35.93 0.14 -0.70	39.08 0.23 -1.00	40.52 0.24 -0.84	41.21 0.20 -0.82	47.05 0.18 -1.40	51.49 0.00 -1.39	48.81 0.00 -1.05	42.06 -0.04 -0.77	37.72 0.04 -0.50	34.14 0.00 -0.44	31.08 0.03 -0.08	28.70 0.03 -0.06
TRIGEN___CC 323695	31.90 2.51 -2.37	31.24 1.99 -4.40	30.66 1.57 -6.06	26.42 1.51 -2.65	26.38 1.53 -2.42	29.18 1.55 -4.90	29.01 2.02 -2.41	30.70 2.42 -2.83	31.55 2.69 -1.10	32.61 2.88 0.00	38.01 3.29 -3.37	39.42 3.38 -2.91	42.28 3.54 -3.65	41.96 3.71 -0.39	44.58 3.67 -1.47	43.93 3.74 0.00	50.35 4.41 -0.47	55.11 5.01 0.00	52.16 4.39 0.00	45.22 3.89 0.00	40.72 3.53 0.00	38.86 3.40 -1.76	34.96 3.19 -0.81	34.31 2.80 -2.90

TRINITY__115KV__4 BK 55933	27.69 0.68 0.00	25.42 0.57 0.00	23.48 0.44 0.00	22.73 0.47 0.00	22.95 0.52 0.00	23.20 0.48 0.00	25.17 0.59 0.00	26.17 0.71 0.00	28.42 0.67 0.00	30.38 0.65 0.00	31.93 0.75 0.17	33.74 0.80 0.19	35.59 0.70 0.19	38.23 0.72 0.34	39.85 0.79 0.38	41.04 0.84 0.00	46.06 1.00 0.41	51.36 1.25 0.00	49.00 1.24 0.00	42.49 1.16 0.00	38.15 0.97 0.00	34.67 0.98 0.00	31.98 1.02 0.00	29.38 0.77 0.00
UNION__PROCESSING_DRP 323587	27.26 0.24 0.00	24.97 0.12 0.00	22.90 -0.14 0.00	21.88 -0.38 0.00	21.94 -0.49 0.00	22.23 -0.50 0.00	24.58 0.00 0.00	25.12 -0.33 0.00	27.59 -0.17 0.00	29.54 -0.18 0.00	31.16 -0.19 0.00	33.16 0.03 0.00	35.26 0.18 0.00	38.24 0.38 0.00	39.80 0.36 0.00	40.27 0.08 0.00	45.33 -0.14 0.00	49.45 -0.65 0.01	47.38 -0.38 0.00	40.84 -0.50 0.00	36.89 -0.30 0.00	33.29 -0.40 0.00	30.65 -0.31 0.00	28.61 0.00 0.00
UPPER HUDSON__HYD 24058	28.42 1.40 0.00	26.07 1.22 0.00	24.01 0.97 0.00	23.17 0.91 0.00	23.34 0.90 0.00	23.68 0.95 0.00	25.69 1.11 0.00	26.67 1.22 0.00	29.14 1.39 0.00	31.18 1.46 0.00	32.51 1.35 0.18	34.49 1.56 0.20	36.56 1.68 0.21	39.04 1.55 0.37	40.77 1.73 0.41	42.12 1.93 0.00	47.12 2.09 0.44	52.71 2.60 0.00	50.87 3.10 0.00	44.14 2.81 0.00	39.82 2.64 0.00	36.15 2.46 0.00	33.07 2.11 0.00	30.30 1.69 0.00
UPPER RAQUET__HYD 24056	25.39 -1.62 0.00	23.48 -1.37 0.00	22.03 -1.01 0.00	21.22 -0.96 0.09	21.50 -0.94 0.00	21.84 -0.89 0.00	23.36 -1.23 0.00	24.16 -1.30 0.00	26.46 -1.41 -0.12	28.43 -1.46 -0.16	29.88 -1.63 -0.17	31.57 -1.76 -0.20	33.37 -1.90 -0.17	36.02 -2.08 -0.25	37.52 -2.13 -0.21	38.26 -2.13 -0.20	43.45 -2.37 -0.35	48.04 -2.40 -0.34	45.92 -2.10 -0.26	39.70 -1.82 -0.19	35.64 -1.67 -0.13	32.12 -1.68 -0.11	29.22 -1.76 -0.02	27.08 -1.55 -0.01
VALLEY44_115KV_TB2 355964	27.26 0.24 0.00	24.90 0.05 0.00	22.72 -0.32 0.00	21.68 -0.58 0.00	21.70 -0.74 0.00	21.95 -0.77 0.00	24.49 -0.10 0.00	24.84 -0.61 0.00	27.42 -0.33 0.00	29.34 -0.39 0.00	30.91 -0.44 0.00	32.99 -0.13 0.00	35.19 0.11 0.00	38.05 0.19 0.00	39.65 0.20 0.00	40.19 0.00 0.00	45.06 -0.41 0.00	48.90 -1.20 0.00	46.67 -1.10 0.00	40.09 -1.24 0.00	36.40 -0.78 0.00	32.89 -0.81 0.00	30.25 -0.71 0.00	28.38 -0.23 0.00
VALLEY__115KV_TB 1-4 80826	27.61 0.59 0.00	25.40 0.55 0.00	23.46 0.41 0.00	22.66 0.40 0.00	22.86 0.43 0.00	23.18 0.45 0.00	25.15 0.57 0.00	26.01 0.56 0.00	28.34 0.58 0.00	30.35 0.62 0.00	32.07 0.72 0.00	33.92 0.80 0.00	35.93 0.84 0.00	38.77 0.91 0.00	40.51 1.07 0.00	41.24 1.04 0.00	46.65 1.18 0.00	51.26 1.15 0.00	48.81 1.05 0.00	42.16 0.83 0.00	37.78 0.59 0.00	34.27 0.57 0.00	31.46 0.50 0.00	29.04 0.43 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	28.53 1.51 0.00	26.17 1.32 0.00	24.01 0.97 0.00	23.24 0.98 0.00	23.42 0.99 0.00	23.77 1.05 0.00	25.91 1.33 0.00	26.88 1.43 0.00	29.37 1.50 -0.12	31.52 1.63 -0.16	33.33 1.82 -0.17	35.38 2.05 -0.20	37.44 2.18 -0.17	40.45 2.35 -0.25	42.30 2.64 -0.21	43.09 2.69 -0.20	48.91 3.09 -0.35	53.75 3.31 -0.34	51.22 3.20 -0.26	44.29 2.77 -0.19	39.76 2.45 -0.12	36.13 2.33 -0.11	32.96 1.98 -0.02	30.40 1.77 -0.01
VISCHER__FERRY HYD 24020	28.09 1.08 0.00	25.77 0.92 0.00	23.76 0.72 0.00	22.97 0.71 0.00	23.16 0.72 0.00	23.45 0.73 0.00	25.47 0.88 0.00	26.47 1.02 0.00	28.81 1.05 0.00	30.76 1.04 0.00	32.23 1.13 0.25	34.05 1.19 0.27	36.00 1.19 0.28	38.61 1.25 0.50	40.23 1.34 0.56	41.60 1.41 0.00	46.51 1.63 0.59	52.11 2.01 0.00	49.81 2.05 0.00	43.23 1.90 0.00	38.82 1.63 0.00	35.25 1.55 0.00	32.45 1.49 0.00	29.78 1.17 0.00
V_A_10_SYNC_DSASP 323832	26.77 -0.24 0.00	24.50 -0.35 0.00	22.42 -0.62 0.00	21.39 -0.87 0.00	21.58 -0.85 0.00	21.70 -1.02 0.00	24.12 -0.47 0.00	24.46 -0.99 0.00	27.03 -0.72 0.00	28.77 -0.95 0.00	30.44 -0.91 0.00	32.27 -0.86 0.00	34.46 -0.63 0.00	37.14 -0.72 0.00	38.66 -0.79 0.00	39.02 -1.17 0.00	43.79 -1.68 0.00	47.54 -2.55 0.01	45.61 -2.15 0.00	39.27 -2.07 0.00	35.66 -1.53 0.00	32.25 -1.45 0.00	29.72 -1.24 0.00	27.89 -0.71 0.00
V_CMM_10_SYNC_DSASP 323787	26.29 -0.73 0.00	24.25 -0.60 0.00	22.77 -0.28 0.00	22.01 -0.27 -0.01	22.17 -0.27 0.00	22.48 -0.25 0.00	24.07 -0.52 0.00	24.89 -0.56 0.00	27.17 -0.58 0.00	29.13 -0.59 0.00	30.63 -0.72 0.00	32.33 -0.80 0.00	34.25 -0.84 0.00	36.91 -0.94 0.00	38.42 -1.03 0.00	39.19 -1.00 0.00	44.33 -1.13 0.00	48.95 -1.15 0.00	46.62 -1.15 0.00	40.30 -1.03 0.00	36.22 -0.97 0.00	32.69 -1.01 0.00	29.97 -0.99 0.00	27.78 -0.83 0.00
V_CMP_10_SYNC_DSASP 323788	26.83 -0.19 0.00	24.78 -0.07 0.00	23.25 0.21 0.00	22.48 0.22 0.00	22.73 0.29 0.00	23.04 0.32 0.00	24.76 0.17 0.00	25.63 0.18 0.00	28.03 0.28 0.00	30.02 0.30 0.00	31.57 0.22 0.00	33.33 0.20 0.00	35.34 0.25 0.00	38.05 0.19 0.00	39.60 0.16 0.00	40.39 0.20 0.00	45.70 0.23 0.00	50.50 0.40 0.00	47.95 0.19 0.00	41.37 0.04 0.00	37.15 -0.04 0.00	33.36 -0.34 0.00	30.47 -0.50 0.00	28.24 -0.37 0.00
V_D_10_SYNC_DSASP 323841	26.20 -0.81 0.00	24.20 -0.65 0.00	22.70 -0.34 0.00	21.97 -0.31 -0.02	22.12 -0.31 0.00	22.43 -0.30 0.00	24.02 -0.56 0.00	24.84 -0.61 0.00	27.12 -0.64 0.00	29.10 -0.63 0.00	30.56 -0.78 0.00	32.27 -0.86 0.00	34.18 -0.91 0.00	36.84 -1.02 0.00	38.38 -1.06 0.00	39.15 -1.05 0.00	44.24 -1.23 0.00	48.90 -1.20 0.00	46.57 -1.19 0.00	40.26 -1.07 0.00	36.22 -0.97 0.00	32.65 -1.04 0.00	29.91 -1.05 0.00	27.75 -0.86 0.00
V_E_10_SYNC_DSASP 323830	29.58 2.57 0.00	27.21 2.36 0.00	24.84 1.80 0.00	23.97 1.71 0.00	24.12 1.68 0.00	24.59 1.86 0.00	26.94 2.36 0.00	27.74 2.29 0.00	30.25 2.22 -0.27	32.48 2.38 -0.38	34.31 2.57 -0.39	36.57 2.98 -0.46	38.72 3.23 -0.40	42.07 3.63 -0.58	44.23 4.30 -0.49	45.08 4.42 -0.47	51.28 5.00 -0.81	56.27 5.36 -0.80	53.90 5.54 -0.60	46.52 4.75 -0.44	41.56 4.09 -0.29	37.76 3.81 -0.26	34.01 3.00 -0.05	31.36 2.72 -0.03
V_F_30_NSYNC__DSASP 323816	28.53 1.51 0.00	26.19 1.34 0.00	24.10 1.06 0.00	23.28 1.02 0.00	23.45 1.01 0.00	23.77 1.05 0.00	25.81 1.23 0.00	26.80 1.35 0.00	29.22 1.47 0.00	31.24 1.52 0.00	32.75 1.60 0.19	34.64 1.72 0.21	36.73 1.86 0.22	39.32 1.85 0.39	41.06 2.05 0.44	42.36 2.17 0.00	47.41 2.41 0.46	53.01 2.90 0.00	50.82 3.06 0.00	44.06 2.73 0.00	39.64 2.45 0.00	35.99 2.29 0.00	33.04 2.07 0.00	30.33 1.72 0.00
V_F_30_SYNC_DSASP 323786	27.82 0.81 0.00	25.55 0.70 0.00	23.59 0.55 0.00	22.82 0.56 0.00	23.04 0.61 0.00	23.29 0.57 0.00	25.27 0.69 0.00	26.29 0.84 0.00	28.56 0.80 0.00	30.53 0.80 0.00	32.11 0.94 0.17	33.93 0.99 0.19	35.84 0.95 0.20	38.45 0.95 0.35	40.12 1.07 0.39	41.32 1.13 0.00	46.32 1.27 0.42	51.66 1.55 0.00	49.34 1.58 0.00	42.74 1.41 0.00	38.37 1.19 0.00	34.88 1.18 0.00	32.14 1.18 0.00	29.55 0.94 0.00



V_XM10_SYNC_DSASP 323789	26.83 -0.19 0.00	24.78 -0.07 0.00	23.25 0.21 0.00	22.48 0.22 0.00	22.73 0.29 0.00	23.04 0.32 0.00	24.76 0.17 0.00	25.63 0.18 0.00	28.03 0.28 0.00	30.02 0.30 0.00	31.57 0.22 0.00	33.33 0.20 0.00	35.34 0.25 0.00	38.05 0.19 0.00	39.60 0.16 0.00	40.39 0.20 0.00	45.70 0.23 0.00	50.50 0.40 0.00	47.95 0.19 0.00	41.37 0.04 0.00	37.15 -0.04 0.00	33.36 -0.34 0.00	30.47 -0.50 0.00	28.24 -0.37 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	29.04 2.03 0.00	26.42 1.57 0.00	24.22 1.18 0.00	23.40 1.14 0.00	23.58 1.14 0.00	23.91 1.18 0.00	26.16 1.57 0.00	27.39 1.93 0.00	29.86 2.11 0.00	32.04 2.32 0.00	34.13 2.60 -0.18	35.91 2.58 -0.19	38.03 2.74 -0.20	41.09 2.88 -0.36	42.81 2.96 -0.40	43.25 3.05 0.00	49.49 3.59 -0.43	54.21 4.11 0.00	51.34 3.58 0.00	44.39 3.06 0.00	40.05 2.86 0.00	36.39 2.70 0.00	33.53 2.57 0.00	30.84 2.23 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	29.36 2.35 0.00	26.64 1.79 0.00	24.40 1.36 0.00	23.57 1.31 0.00	23.76 1.32 0.00	24.09 1.36 0.00	26.43 1.84 0.00	27.74 2.29 0.00	30.31 2.55 0.00	32.49 2.76 0.00	34.68 3.13 -0.20	36.55 3.21 -0.21	38.68 3.37 -0.22	41.77 3.52 -0.39	43.56 3.67 -0.44	43.93 3.74 0.00	52.71 4.46 -2.79	55.16 5.06 0.00	52.20 4.44 0.00	45.09 3.76 0.00	40.60 3.42 0.00	36.86 3.17 0.00	33.93 2.97 0.00	31.24 2.63 0.00
W50THST__13_KV_LOAD 356117	29.53 2.51 0.00	26.76 1.91 0.00	24.52 1.47 0.00	23.68 1.42 0.00	23.87 1.44 0.00	24.23 1.50 0.00	26.60 2.02 0.00	27.92 2.47 0.00	30.53 2.78 0.00	32.70 2.97 0.00	34.96 3.42 -0.20	36.85 3.51 -0.21	38.96 3.65 -0.22	42.11 3.86 -0.39	43.87 3.98 -0.44	44.25 4.06 0.00	53.08 4.82 -2.79	55.57 5.46 0.00	52.54 4.78 0.00	45.34 4.01 0.00	40.83 3.64 0.00	37.03 3.34 0.00	34.09 3.13 0.00	31.41 2.80 0.00
WADING RIVER_IC_1 23522	32.11 2.73 -2.37	31.46 2.21 -4.40	30.80 1.70 -6.06	26.56 1.65 -2.65	26.49 1.64 -2.42	29.34 1.71 -4.90	29.16 2.16 -2.41	30.88 2.60 -2.83	31.77 2.91 -1.10	32.87 3.15 0.00	39.05 3.60 -4.10	51.11 3.71 -14.28	66.35 3.93 -27.34	103.13 4.24 -61.04	130.01 4.22 -86.35	81.87 4.18 -37.50	130.26 4.96 -79.84	130.43 5.66 -74.67	69.36 5.01 -16.58	47.16 4.51 -1.32	41.79 4.13 -0.48	39.64 3.77 -2.18	35.27 3.50 -0.81	34.54 3.03 -2.90
WADING RIVER_IC_2 23547	32.11 2.73 -2.37	31.46 2.21 -4.40	30.80 1.70 -6.06	26.56 1.65 -2.65	26.49 1.64 -2.42	29.34 1.71 -4.90	29.16 2.16 -2.41	30.88 2.60 -2.83	31.77 2.91 -1.10	32.87 3.15 0.00	39.05 3.60 -4.10	51.11 3.71 -14.28	66.35 3.93 -27.34	103.13 4.24 -61.04	130.01 4.22 -86.35	81.87 4.18 -37.50	130.26 4.96 -79.84	130.43 5.66 -74.67	69.36 5.01 -16.58	47.16 4.51 -1.32	41.79 4.13 -0.48	39.64 3.77 -2.18	35.27 3.50 -0.81	34.54 3.03 -2.90
WADING RIVER_IC_3 23601	32.11 2.73 -2.37	31.46 2.21 -4.40	30.80 1.70 -6.06	26.56 1.65 -2.65	26.49 1.64 -2.42	29.34 1.71 -4.90	29.16 2.16 -2.41	30.88 2.60 -2.83	31.77 2.91 -1.10	32.87 3.15 0.00	39.05 3.60 -4.10	51.11 3.71 -14.28	66.35 3.93 -27.34	103.13 4.24 -61.04	130.01 4.22 -86.35	81.87 4.18 -37.50	130.26 4.96 -79.84	130.43 5.66 -74.67	69.36 5.01 -16.58	47.16 4.51 -1.32	41.79 4.13 -0.48	39.64 3.77 -2.18	35.27 3.50 -0.81	34.54 3.03 -2.90
WALDENNY_12_KV_BK2 80841	27.34 0.32 0.00	24.97 0.12 0.00	22.79 -0.25 0.00	21.70 -0.56 0.00	21.67 -0.76 0.00	21.95 -0.77 0.00	24.54 -0.05 0.00	24.82 -0.64 0.00	27.42 -0.33 0.00	29.31 -0.42 0.00	30.91 -0.44 0.00	33.03 -0.10 0.00	35.23 0.14 0.00	38.16 0.30 0.00	39.73 0.28 -0.01	40.12 -0.08 -0.01	44.88 -0.59 -0.01	48.50 -1.60 0.00	46.48 -1.29 -0.01	39.93 -1.41 0.00	36.25 -0.93 0.00	32.69 -1.01 0.00	30.19 -0.77 0.00	28.41 -0.20 0.00
WALDEN__HYDRO 24148	28.88 1.86 0.00	26.32 1.47 0.00	24.15 1.11 0.00	23.33 1.07 0.00	23.51 1.08 0.00	23.84 1.11 0.00	26.03 1.45 0.00	27.23 1.78 0.00	29.61 1.86 0.00	31.74 2.02 0.00	33.78 2.29 -0.15	35.61 2.32 -0.16	37.75 2.49 -0.17	40.85 2.69 -0.30	42.54 2.76 -0.34	43.04 2.85 0.00	49.24 3.41 -0.36	54.01 3.91 0.00	51.25 3.49 0.00	44.31 2.98 0.00	39.90 2.71 0.00	36.26 2.56 0.00	33.35 2.38 0.00	30.67 2.06 0.00
WARRENSBURG____ 23737	28.42 1.40 0.00	26.07 1.22 0.00	24.01 0.97 0.00	23.17 0.91 0.00	23.34 0.90 0.00	23.68 0.95 0.00	25.69 1.11 0.00	26.67 1.22 0.00	29.14 1.39 0.00	31.18 1.46 0.00	32.51 1.35 0.18	34.49 1.56 0.20	36.56 1.68 0.21	39.04 1.55 0.37	40.77 1.73 0.41	42.12 1.93 0.00	47.12 2.09 0.44	52.71 2.60 0.00	50.87 3.10 0.00	44.14 2.81 0.00	39.82 2.64 0.00	36.15 2.46 0.00	33.07 2.11 0.00	30.30 1.69 0.00
WATERSIDE____6 8 9 23538	29.47 2.46 0.00	26.75 1.89 -0.01	24.50 1.45 -0.01	23.65 1.38 -0.01	23.84 1.39 -0.01	24.17 1.43 -0.01	26.51 1.92 -0.01	27.79 2.34 0.00	30.36 2.61 0.00	32.54 2.82 0.01	34.75 3.20 -0.20	36.63 3.28 -0.22	38.75 3.44 -0.22	41.85 3.60 -0.39	43.63 3.75 -0.44	43.97 3.78 0.00	51.07 4.55 -1.06	53.98 4.96 1.09	50.69 4.44 1.51	45.17 3.84 0.01	40.63 3.46 0.01	36.64 3.27 0.32	33.44 3.13 0.65	31.35 2.75 0.00
WATKINRD_115KV_LN8_ILLION 55919	27.47 0.46 0.00	25.25 0.40 0.00	23.34 0.30 0.00	22.55 0.29 0.00	22.73 0.29 0.00	23.04 0.32 0.00	25.00 0.42 0.00	25.86 0.41 0.00	28.17 0.42 0.00	30.17 0.45 0.00	31.85 0.50 0.00	33.69 0.56 0.00	35.68 0.60 0.00	38.50 0.64 0.00	40.20 0.75 0.00	40.95 0.76 0.00	46.33 0.86 0.00	51.01 0.90 0.00	48.62 0.86 0.00	42.03 0.70 0.00	37.74 0.56 0.00	34.24 0.54 0.00	31.43 0.46 0.00	29.01 0.40 0.00
WATSON__69_KV_BK 1 55734	32.62 3.24 -2.37	31.91 2.66 -4.40	31.24 2.14 -6.06	26.98 2.07 -2.65	26.94 2.09 -2.42	29.77 2.14 -4.90	29.65 2.66 -2.41	31.37 3.08 -2.83	32.27 3.41 -1.10	33.35 3.63 0.00	39.10 4.11 -3.65	61.38 4.24 -24.01	55.01 4.46 -15.46	73.61 4.73 -31.02	88.40 4.62 -44.34	63.79 4.66 -18.94	91.48 5.46 -40.55	94.08 6.26 -37.71	61.68 5.54 -8.38	47.13 5.13 -0.67	42.00 4.57 -0.24	40.58 4.35 -2.54	35.80 4.03 -0.81	35.05 3.55 -2.90
WDELAWARE__HYD 323627	28.23 1.22 0.00	25.77 0.92 0.00	23.59 0.55 0.00	22.79 0.53 0.00	22.93 0.49 0.00	23.30 0.57 0.00	25.44 0.86 0.00	26.60 1.15 0.00	28.84 1.08 0.00	30.88 1.16 0.00	32.84 1.38 -0.11	34.64 1.39 -0.12	36.83 1.61 -0.13	38.84 0.76 -0.23	40.53 0.83 -0.25	41.12 0.93 0.00	47.06 1.32 -0.27	51.71 1.60 0.00	49.10 1.34 0.00	42.49 1.16 0.00	38.19 1.00 0.00	35.58 1.89 0.00	32.63 1.67 0.00	30.04 1.43 0.00
WEST BABYLON__IC 23714	32.49 3.11 -2.37	31.78 2.53 -4.40	31.13 2.03 -6.06	26.87 1.96 -2.65	26.83 1.97 -2.42	29.65 2.02 -4.90	29.53 2.53 -2.41	31.24 2.95 -2.83	32.13 3.28 -1.10	33.17 3.45 0.00	38.62 3.89 -3.39	49.28 4.01 -12.15	45.74 4.21 -6.44	50.14 4.43 -7.86	55.70 4.34 -11.91	49.23 4.42 -4.61	60.89 5.18 -10.23	65.20 5.91 -9.19	55.06 5.25 -2.04	46.29 4.79 -0.16	41.56 4.31 -0.06	39.94 4.14 -2.10	35.61 3.84 -0.81	34.91 3.40 -2.90

WEST CANADA___HYD 24049	27.26 0.24 0.00	25.05 0.20 0.00	23.16 0.12 0.00	22.39 0.13 0.00	22.55 0.11 0.00	22.86 0.14 0.00	24.78 0.20 0.00	25.66 0.20 0.00	27.95 0.20 0.00	29.93 0.21 0.00	31.60 0.25 0.00	33.42 0.30 0.00	35.37 0.28 0.00	38.16 0.30 0.00	39.80 0.35 0.00	40.55 0.36 0.00	45.88 0.41 0.00	50.55 0.45 0.00	48.19 0.43 0.00	41.70 0.37 0.00	37.52 0.33 0.00	34.00 0.30 0.00	31.24 0.28 0.00	28.84 0.23 0.00
WESTERN_NY_WIND 24143	27.63 0.62 0.00	25.30 0.45 0.00	23.09 0.05 0.00	21.97 -0.29 0.00	21.99 -0.45 0.00	22.27 -0.45 0.00	24.88 0.30 0.00	25.20 -0.25 0.00	27.73 -0.03 0.00	29.60 -0.12 0.00	31.22 -0.13 0.00	33.33 0.20 0.00	35.54 0.46 0.00	38.61 0.76 0.00	40.20 0.75 -0.01	40.52 0.32 -0.01	45.47 0.00 -0.01	49.45 -0.65 0.00	47.48 -0.29 -0.01	40.88 -0.45 0.00	37.03 -0.15 0.00	33.36 -0.34 0.00	30.75 -0.22 0.00	28.89 0.29 0.00
WESTOVER___LESR 323668	27.63 0.62 0.00	25.32 0.47 0.00	23.27 0.23 0.00	22.39 0.13 0.00	22.53 0.09 0.00	22.82 0.09 0.00	25.00 0.42 0.00	25.78 0.33 0.00	28.49 0.47 -0.26	30.59 0.51 -0.36	32.28 0.56 -0.37	34.26 0.70 -0.44	36.32 0.84 -0.38	39.35 0.95 -0.55	40.89 0.99 -0.46	41.60 0.96 -0.45	47.24 1.00 -0.77	51.72 0.85 -0.76	49.20 0.86 -0.57	42.41 0.66 -0.42	38.17 0.71 -0.28	34.58 0.64 -0.24	31.60 0.59 -0.05	29.24 0.60 -0.03
WETHRSFD_WT_PWR 323626	27.36 0.35 0.00	25.00 0.15 0.00	22.83 -0.21 0.00	21.81 -0.45 0.00	21.99 -0.45 0.00	22.14 -0.59 0.00	24.61 0.02 0.00	25.00 -0.46 0.00	27.59 -0.17 0.00	29.43 -0.30 0.00	31.13 -0.22 0.00	33.09 -0.03 0.00	35.30 0.21 0.00	38.05 0.19 0.00	39.65 0.20 0.00	40.07 -0.12 0.00	44.93 -0.54 0.00	48.75 -1.35 0.00	46.71 -1.05 0.00	40.13 -1.20 0.00	36.44 -0.74 0.00	32.92 -0.77 0.00	30.31 -0.65 0.00	28.32 -0.29 0.00
WHAVSTOR_138KV_BK127 55557	28.90 1.89 0.00	26.32 1.47 0.00	24.12 1.08 0.00	23.31 1.05 0.00	23.49 1.05 0.00	23.82 1.09 0.00	26.06 1.48 0.00	27.29 1.83 0.00	29.78 2.03 0.00	31.92 2.20 0.00	34.00 2.48 -0.18	35.77 2.45 -0.20	37.85 2.56 -0.20	40.91 2.69 -0.36	42.57 2.72 -0.40	43.00 2.81 0.00	49.22 3.32 -0.43	53.91 3.81 0.00	51.06 3.30 0.00	44.14 2.81 0.00	39.86 2.68 0.00	36.22 2.53 0.00	33.38 2.42 0.00	30.73 2.12 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	28.90 1.89 0.00	26.32 1.47 0.00	24.12 1.08 0.00	23.31 1.05 0.00	23.49 1.05 0.00	23.82 1.09 0.00	26.06 1.48 0.00	27.29 1.83 0.00	29.78 2.03 0.00	31.92 2.20 0.00	34.00 2.48 -0.18	35.77 2.45 -0.20	37.85 2.56 -0.20	40.91 2.69 -0.36	42.57 2.72 -0.40	43.00 2.81 0.00	49.22 3.32 -0.43	53.91 3.81 0.00	51.06 3.30 0.00	44.14 2.81 0.00	39.86 2.68 0.00	36.22 2.53 0.00	33.38 2.42 0.00	30.73 2.12 0.00
WHITEHAL_115KV_TB1 80871	29.15 2.13 0.00	26.76 1.91 0.00	24.56 1.52 0.00	23.66 1.40 0.00	23.87 1.44 0.00	24.25 1.52 0.00	26.33 1.75 0.00	27.31 1.86 0.00	29.86 2.11 0.00	31.95 2.23 0.00	33.39 2.23 0.19	35.44 2.52 0.20	37.61 2.74 0.21	40.13 2.65 0.38	41.98 2.96 0.42	43.33 3.13 0.00	48.43 3.41 0.45	54.31 4.21 0.00	52.44 4.68 0.00	45.51 4.17 0.00	41.05 3.87 0.00	37.27 3.57 0.00	34.03 3.07 0.00	31.16 2.55 0.00
WHITEPLN_13_KV_LOAD 356215	29.42 2.40 0.00	26.74 1.89 0.00	24.52 1.47 0.00	23.66 1.40 0.00	23.87 1.44 0.00	24.20 1.48 0.00	26.58 1.99 0.00	27.87 2.42 0.00	30.53 2.78 0.00	32.72 3.00 0.00	34.93 3.39 -0.20	36.82 3.48 -0.21	39.00 3.68 -0.22	42.11 3.86 -0.39	43.91 4.02 -0.44	44.29 4.10 0.00	50.85 4.91 -0.47	55.62 5.51 0.00	52.63 4.87 0.00	45.51 4.17 0.00	40.94 3.76 0.00	37.13 3.44 0.00	34.09 3.13 0.00	31.38 2.78 0.00
WM_FLOYD_69_KV_BK2 356380	32.38 3.00 -2.37	31.69 2.44 -4.40	31.03 1.94 -6.06	26.78 1.87 -2.65	26.74 1.88 -2.42	29.56 1.93 -4.90	29.43 2.43 -2.41	31.14 2.85 -2.83	32.05 3.19 -1.10	33.11 3.39 0.00	39.31 3.86 -4.11	51.49 3.98 -14.39	67.14 4.25 -27.80	104.62 4.50 -62.25	131.95 4.46 -88.05	82.94 4.50 -38.25	132.22 5.32 -81.43	132.33 6.06 -76.17	70.03 5.35 -16.92	47.56 4.88 -1.35	41.99 4.31 -0.49	39.92 4.04 -2.18	35.52 3.75 -0.81	34.80 3.29 -2.90
WOODARD__115KV_TB2 355635	26.93 -0.08 0.00	24.82 -0.02 0.00	22.88 -0.16 0.00	22.04 -0.22 0.00	22.19 -0.25 0.00	22.48 -0.25 0.00	24.51 -0.07 0.00	25.30 -0.15 0.00	28.13 -0.14 -0.51	30.34 -0.09 -0.71	32.01 -0.06 -0.73	33.95 -0.03 -0.86	35.88 0.04 -0.75	39.04 0.11 -1.07	40.47 0.12 -0.90	41.15 0.08 -0.88	46.97 0.00 -1.50	51.44 -0.15 -1.49	48.79 -0.10 -1.12	42.03 -0.12 -0.82	37.65 -0.07 -0.54	34.11 -0.07 -0.48	31.02 -0.03 -0.09	28.64 -0.03 -0.06
YORK___WARBASSE 23770	29.65 2.62 -0.02	26.92 2.06 -0.01	24.64 1.59 -0.01	23.80 1.54 -0.01	23.99 1.55 -0.01	24.33 1.59 -0.01	26.66 2.07 -0.01	27.92 2.47 0.00	30.47 2.72 0.00	41.69 3.00 -8.96	39.00 3.39 -4.27	40.95 3.51 -4.31	38.96 3.65 -0.22	42.11 3.86 -0.39	43.91 4.02 -0.44	44.25 4.06 0.00	66.49 4.87 -16.15	63.09 5.36 -7.62	63.07 4.73 -10.58	93.65 4.13 -48.19	63.18 3.76 -22.24	39.44 3.50 -2.24	38.85 3.28 -4.61	31.49 2.86 -0.02