

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/20/2024

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	29.52	27.58	26.42	25.53	26.02	27.38	33.10	34.84	34.72	35.40	35.00	35.32	36.21	37.03	38.53	39.86	43.20	45.43	45.72	42.87	39.83	35.79	33.64	30.19
24138	1.85	1.64	1.52	1.42	1.45	1.57	1.96	2.28	2.39	2.59	2.53	2.65	2.96	2.96	3.05	3.22	3.42	3.29	3.31	3.03	3.09	2.68	2.58	2.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	29.52	27.58	26.42	25.53	26.02	27.35	33.07	34.78	34.65	35.13	35.00	35.26	35.82	36.96	38.50	39.83	43.12	45.35	45.63	42.79	39.83	35.73	33.58	30.19
24260	1.85	1.63	1.52	1.42	1.45	1.55	1.93	2.21	2.33	2.33	2.53	2.58	2.56	2.90	3.02	3.19	3.34	3.20	3.22	2.95	3.09	2.62	2.52	2.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	29.52	27.58	26.42	25.53	26.02	27.35	33.07	34.78	34.65	35.13	35.00	35.26	35.82	36.96	38.50	39.83	43.12	45.35	45.63	42.79	39.83	35.73	33.58	30.19
24261	1.85	1.63	1.52	1.42	1.45	1.55	1.93	2.21	2.33	2.33	2.53	2.58	2.56	2.90	3.02	3.19	3.34	3.20	3.22	2.95	3.09	2.62	2.52	2.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	29.61	27.87	26.65	25.77	26.29	27.64	33.45	34.97	34.69	35.04	34.58	34.77	35.32	36.35	37.93	39.20	42.64	45.47	45.84	43.07	39.80	35.69	33.46	29.91
24011	1.94	1.92	1.74	1.66	1.72	1.83	2.30	2.41	2.36	2.23	2.11	2.09	2.06	2.28	2.45	2.56	2.86	3.33	3.43	3.23	3.05	2.58	2.39	2.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	29.75	28.02	26.75	25.89	26.39	27.74	33.63	35.14	34.88	35.30	34.74	34.90	35.68	36.52	38.10	39.35	42.88	45.77	46.14	43.35	40.05	35.92	33.61	30.05
23798	2.08	2.08	1.84	1.78	1.82	1.94	2.49	2.57	2.55	2.49	2.27	2.22	2.43	2.45	2.63	2.71	3.10	3.62	3.73	3.51	3.31	2.81	2.55	2.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	29.61	27.87	26.65	25.77	26.29	27.64	33.45	34.97	34.69	35.04	34.58	34.77	35.32	36.35	37.93	39.20	42.64	45.47	45.84	43.07	39.80	35.69	33.46	29.91
24028	1.94	1.92	1.74	1.66	1.72	1.83	2.30	2.41	2.36	2.23	2.11	2.09	2.06	2.28	2.45	2.56	2.86	3.33	3.43	3.23	3.05	2.58	2.39	2.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	28.97	27.24	26.12	25.29	25.80	27.12	32.57	34.26	33.91	34.44	33.89	34.08	34.82	35.60	37.18	38.32	41.61	44.04	44.40	41.80	38.58	34.80	32.68	29.27
23527	1.30	1.30	1.22	1.18	1.23	1.32	1.43	1.69	1.58	1.64	1.43	1.40	1.56	1.53	1.70	1.69	1.83	1.90	1.99	1.95	1.84	1.69	1.61	1.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	28.03	26.31	25.23	24.42	24.91	26.14	31.58	33.08	32.78	33.20	32.82	33.00	33.49	34.48	35.98	37.15	40.30	42.74	43.04	40.48	37.41	33.67	31.66	28.32
24190	0.36	0.36	0.32	0.31	0.34	0.34	0.44	0.52	0.45	0.39	0.36	0.33	0.23	0.41	0.50	0.51	0.52	0.59	0.64	0.64	0.66	0.56	0.59	0.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	27.48	25.90	24.88	24.06	24.49	25.75	31.08	32.50	32.42	32.90	32.53	32.64	33.19	33.66	35.02	36.12	39.30	41.64	41.81	39.25	36.23	32.85	30.79	27.57
355683	-0.19	-0.05	-0.02	-0.05	-0.07	-0.05	-0.06	-0.07	0.10	0.10	0.06	-0.03	-0.07	-0.41	-0.46	-0.51	-0.48	-0.51	-0.59	-0.60	-0.51	-0.26	-0.28	-0.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	28.69	26.99	25.85	25.02	25.50	26.76	32.29	33.73	33.36	33.72	33.15	33.29	33.95	34.78	36.33	37.59	40.93	43.58	43.98	41.36	38.22	34.40	32.31	28.94
323833	1.02	1.04	0.95	0.92	0.93	0.96	1.15	1.17	1.03	0.92	0.68	0.62	0.70	0.72	0.85	0.95	1.15	1.43	1.57	1.51	1.47	1.29	1.24	1.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	28.66	26.96	25.83	25.00	25.50	26.73	32.26	33.70	33.36	33.72	33.15	33.29	33.95	34.78	36.33	37.59	40.93	43.58	43.98	41.36	38.18	34.40	32.28	28.94
323834	0.99	1.01	0.92	0.89	0.93	0.93	1.12	1.14	1.03	0.92	0.68	0.62	0.70	0.72	0.85	0.95	1.15	1.43	1.57	1.51	1.43	1.29	1.21	1.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	28.03	26.31	25.23	24.42	24.91	26.14	31.58	33.08	32.78	33.20	32.82	33.00	33.49	34.48	35.98	37.15	40.30	42.74	43.04	40.48	37.41	33.67	31.66	28.32
23571	0.36	0.36	0.32	0.31	0.34	0.34	0.44	0.52	0.45	0.39	0.36	0.33	0.23	0.41	0.50	0.51	0.52	0.59	0.64	0.64	0.66	0.56	0.59	0.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	28.03 0.36 0.00	26.31 0.36 0.00	25.23 0.32 0.00	24.42 0.31 0.00	24.91 0.34 0.00	26.14 0.34 0.00	31.58 0.44 0.00	33.08 0.52 0.00	32.78 0.45 0.00	33.20 0.39 0.00	32.82 0.36 0.00	33.00 0.33 0.00	33.49 0.23 0.00	34.48 0.41 0.00	35.98 0.50 0.00	37.15 0.51 0.00	40.30 0.52 0.00	42.74 0.59 0.00	43.04 0.64 0.00	40.48 0.64 0.00	37.41 0.66 0.00	33.67 0.56 0.00	31.66 0.59 0.00	28.32 0.45 0.00
ALBANY___3 23573	28.03 0.36 0.00	26.31 0.36 0.00	25.23 0.32 0.00	24.42 0.31 0.00	24.91 0.34 0.00	26.14 0.34 0.00	31.58 0.44 0.00	33.08 0.52 0.00	32.78 0.45 0.00	33.20 0.39 0.00	32.82 0.36 0.00	33.00 0.33 0.00	33.49 0.23 0.00	34.48 0.41 0.00	35.98 0.50 0.00	37.15 0.51 0.00	40.30 0.52 0.00	42.74 0.59 0.00	43.04 0.64 0.00	40.48 0.64 0.00	37.41 0.66 0.00	33.67 0.56 0.00	31.66 0.59 0.00	28.32 0.45 0.00
ALBANY___4 23574	28.03 0.36 0.00	26.31 0.36 0.00	25.23 0.32 0.00	24.42 0.31 0.00	24.91 0.34 0.00	26.14 0.34 0.00	31.58 0.44 0.00	33.08 0.52 0.00	32.78 0.45 0.00	33.20 0.39 0.00	32.82 0.36 0.00	33.00 0.33 0.00	33.49 0.23 0.00	34.48 0.41 0.00	35.98 0.50 0.00	37.15 0.51 0.00	40.30 0.52 0.00	42.74 0.59 0.00	43.04 0.64 0.00	40.48 0.64 0.00	37.41 0.66 0.00	33.67 0.56 0.00	31.66 0.59 0.00	28.32 0.45 0.00
ALBANY___LFGE 323615	28.31 0.64 0.00	26.60 0.65 0.00	25.48 0.57 0.00	24.66 0.55 0.00	25.16 0.59 0.00	26.42 0.62 0.00	31.92 0.78 0.00	33.41 0.85 0.00	33.10 0.77 0.00	33.62 0.82 0.00	33.15 0.68 0.00	33.36 0.69 0.00	34.05 0.80 0.00	34.85 0.78 0.00	36.37 0.89 0.00	37.55 0.92 0.00	40.77 0.99 0.00	43.20 1.05 0.00	43.55 1.15 0.00	40.92 1.08 0.00	37.81 1.07 0.00	34.07 0.96 0.00	31.97 0.90 0.00	28.63 0.75 0.00
ALCOA_PA_115KV_PL-6C 55860	27.56 -0.11 0.00	26.00 0.05 0.00	24.98 0.07 0.00	24.16 0.05 0.00	24.59 0.02 0.00	25.86 0.05 0.00	31.20 0.06 0.00	32.63 0.07 0.00	32.55 0.23 0.00	33.00 0.20 0.00	32.63 0.16 0.00	32.71 0.03 0.00	33.26 0.00 0.00	33.73 -0.34 0.00	35.12 -0.35 0.00	36.20 -0.44 0.00	39.42 -0.36 0.00	41.77 -0.38 0.00	41.94 -0.47 0.00	39.37 -0.48 0.00	36.38 -0.37 0.00	33.04 -0.07 0.00	30.97 -0.09 0.00	27.74 -0.14 0.00
ALCOA_RYNLDS___DRP 24188	27.56 -0.11 0.00	26.00 0.05 0.00	24.98 0.07 0.00	24.16 0.05 0.00	24.59 0.02 0.00	25.86 0.05 0.00	31.20 0.06 0.00	32.63 0.07 0.00	32.55 0.23 0.00	33.00 0.20 0.00	32.63 0.16 0.00	32.71 0.03 0.00	33.26 0.00 0.00	33.73 -0.34 0.00	35.12 -0.35 0.00	36.20 -0.44 0.00	39.42 -0.36 0.00	41.77 -0.38 0.00	41.94 -0.47 0.00	39.37 -0.48 0.00	36.38 -0.37 0.00	33.04 -0.07 0.00	30.97 -0.09 0.00	27.74 -0.14 0.00
ALCOA___DSASP 323711	27.56 -0.11 0.00	26.00 0.05 0.00	24.98 0.07 0.00	24.16 0.05 0.00	24.59 0.02 0.00	25.86 0.05 0.00	31.20 0.06 0.00	32.63 0.07 0.00	32.55 0.23 0.00	32.90 0.10 0.00	32.63 0.16 0.00	32.71 0.03 0.00	32.92 -0.33 0.00	33.73 -0.34 0.00	35.12 -0.35 0.00	36.20 -0.44 0.00	39.42 -0.36 0.00	41.76 -0.38 0.00	41.94 -0.47 0.00	39.37 -0.48 0.00	36.38 -0.37 0.00	32.98 -0.13 0.00	30.94 -0.12 0.00	27.74 -0.14 0.00
ALLEGHENY___COGEN 23514	28.39 0.72 0.00	26.42 0.47 0.00	25.30 0.40 0.00	24.32 0.22 0.00	24.76 0.20 0.00	26.35 0.54 0.00	31.80 0.65 0.00	33.34 0.78 0.00	32.20 -0.10 0.03	32.67 -0.10 0.03	32.50 0.03 0.00	32.67 0.00 0.00	34.32 1.06 0.00	35.56 1.50 0.00	36.79 1.31 0.00	38.40 1.76 0.00	41.85 2.07 0.00	44.93 2.78 0.00	45.42 3.01 0.00	42.59 2.75 0.00	38.69 1.95 0.00	34.24 1.13 0.00	32.00 0.93 0.00	28.66 0.78 0.00
ALTAMONT_115KV_TB 2 55880	28.36 0.69 0.00	26.62 0.67 0.00	25.53 0.62 0.00	24.71 0.60 0.00	25.21 0.64 0.00	26.45 0.65 0.00	31.92 0.78 0.00	33.44 0.88 0.00	33.13 0.81 0.00	33.56 0.75 0.00	33.21 0.75 0.00	33.39 0.72 0.00	33.92 0.67 0.00	34.92 0.85 0.00	36.40 0.92 0.00	37.63 0.99 0.00	40.85 1.07 0.00	43.28 1.14 0.00	43.59 1.19 0.00	40.96 1.12 0.00	37.85 1.10 0.00	34.07 0.96 0.00	32.00 0.93 0.00	28.69 0.81 0.00
ALTONA_WT_PWR 323606	28.19 0.52 0.00	26.65 0.70 0.00	25.60 0.70 0.00	24.76 0.65 0.00	25.21 0.64 0.00	26.53 0.72 0.00	32.11 0.97 0.00	33.54 0.98 0.00	33.43 1.10 0.00	33.85 1.05 0.00	33.60 1.14 0.00	33.62 0.95 0.00	33.85 0.60 0.00	34.71 0.65 0.00	36.12 0.64 0.00	37.19 0.55 0.00	40.65 0.87 0.00	43.07 0.93 0.00	43.08 0.68 0.00	40.28 0.44 0.00	37.08 0.33 0.00	33.51 0.40 0.00	31.34 0.28 0.00	28.05 0.17 0.00
AMERICAN_REF_FUEL 24010	26.18 -1.49 0.00	24.34 -1.61 0.00	23.36 -1.54 0.00	22.49 -1.61 0.00	22.90 -1.67 0.00	24.26 -1.55 0.00	29.02 -2.12 0.00	30.06 -2.51 0.00	29.28 -3.01 0.04	30.11 -2.66 0.04	30.48 -1.98 0.00	30.75 -1.93 0.00	32.59 -0.66 0.00	33.73 -0.34 0.00	34.70 -0.78 0.00	35.87 -0.77 0.00	38.93 -0.84 0.01	41.18 -0.97 0.00	41.17 -1.23 0.00	38.69 -1.16 0.00	34.98 -1.76 0.00	30.96 -2.15 0.00	29.26 -1.80 0.00	26.60 -1.28 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	27.89 0.22 0.00	25.82 -0.13 0.00	24.83 -0.07 0.00	23.94 -0.17 0.00	24.35 -0.22 0.00	25.93 0.13 0.00	31.27 0.13 0.00	32.60 0.03 0.00	31.23 -1.07 0.03	32.38 -0.39 0.03	32.95 0.49 0.00	33.23 0.55 0.00	35.18 1.93 0.00	36.45 2.38 0.00	37.50 2.02 0.00	38.84 2.20 0.00	42.29 2.51 0.00	44.72 2.57 0.00	44.69 2.29 0.00	41.91 2.07 0.00	37.81 1.07 0.00	33.41 0.30 0.00	31.34 0.28 0.00	28.32 0.44 0.00
ARTHUR KILL_GT_1 23520	29.61 1.94 -0.01	27.67 1.71 -0.01	26.51 1.60 -0.01	25.64 1.52 -0.01	26.12 1.55 -0.01	27.35 1.55 0.00	32.95 1.81 0.00	34.52 1.95 0.00	34.29 1.97 0.01	34.99 2.20 0.01	34.63 2.18 0.01	34.96 2.29 0.00	35.88 2.63 0.00	36.76 2.69 0.00	38.24 2.77 0.01	39.56 2.93 0.01	42.88 3.10 0.01	45.04 2.91 0.01	45.37 2.97 0.01	42.51 2.67 0.01	39.53 2.79 0.01	35.69 2.58 0.00	33.67 2.61 0.00	30.31 2.42 -0.01
ARTHUR_KILL_2 23512	29.53 1.85 -0.01	27.59 1.64 -0.01	26.43 1.52 -0.01	25.56 1.45 -0.01	26.05 1.47 -0.01	27.27 1.47 0.00	32.82 1.68 0.00	34.42 1.86 0.00	34.19 1.87 0.01	34.90 2.10 0.01	34.54 2.08 0.01	34.86 2.19 0.00	35.78 2.53 0.00	36.66 2.59 0.00	38.10 2.63 0.01	39.41 2.78 0.01	42.76 2.98 0.01	44.87 2.74 0.01	45.20 2.80 0.01	42.35 2.51 0.01	39.39 2.65 0.01	35.59 2.48 0.00	33.55 2.49 0.00	30.23 2.34 -0.01
ARTHUR_KILL_3 23513	29.27 1.60 0.00	27.32 1.37 0.00	26.17 1.27 0.00	25.31 1.20 0.00	25.80 1.23 0.00	27.12 1.32 0.00	32.79 1.65 0.00	34.52 1.95 0.00	34.36 2.04 0.00	35.07 2.26 0.00	34.64 2.18 0.00	34.96 2.29 0.00	35.82 2.56 0.00	36.62 2.56 0.00	38.10 2.63 0.00	39.39 2.75 0.00	42.64 2.87 0.00	44.84 2.70 0.00	45.16 2.75 0.00	42.36 2.51 0.00	39.47 2.72 0.00	35.50 2.39 0.00	33.36 2.30 0.00	29.94 2.06 0.00

ARTHUR_KILL_COGEN 323718	29.61 1.94 -0.01	27.67 1.71 -0.01	26.51 1.60 -0.01	25.64 1.52 -0.01	26.12 1.55 -0.01	27.35 1.55 0.00	32.95 1.81 0.00	34.52 1.95 0.00	34.29 1.97 0.01	34.99 2.20 0.01	34.63 2.18 0.01	34.96 2.29 0.00	35.88 2.63 0.00	36.76 2.69 0.00	38.24 2.77 0.01	39.56 2.93 0.01	42.88 3.10 0.01	45.04 2.91 0.01	45.37 2.97 0.01	42.51 2.67 0.01	39.53 2.79 0.01	35.69 2.58 0.00	33.67 2.61 0.00	30.31 2.42 -0.01
ASHOKAN____ 23654	28.97 1.30 0.00	27.14 1.19 0.00	26.00 1.09 0.00	25.12 1.01 0.00	25.60 1.03 0.00	26.86 1.06 0.00	32.35 1.21 0.00	33.73 1.17 0.00	33.43 1.10 0.00	33.62 0.82 0.00	33.05 0.58 0.00	33.13 0.46 0.00	33.95 0.70 0.00	34.78 0.72 0.00	36.44 0.96 0.00	37.70 1.06 0.00	41.05 1.27 0.00	43.66 1.52 0.00	44.19 1.78 0.00	41.48 1.63 0.00	38.33 1.58 0.00	34.47 1.36 0.00	32.53 1.46 0.00	29.16 1.28 0.00
ASTORIA_EAST_ENERGY_CC1 323581	29.56 1.88 -0.01	27.64 1.69 -0.01	26.48 1.57 -0.01	25.61 1.50 -0.01	26.10 1.52 -0.01	27.38 1.57 0.00	32.82 1.68 0.00	34.52 1.95 0.00	34.30 1.97 0.00	35.00 2.20 0.00	34.67 2.21 0.00	35.03 2.35 0.00	35.95 2.69 0.00	36.83 2.76 0.00	38.32 2.84 0.00	39.65 3.00 -0.01	42.97 3.18 -0.01	45.18 3.04 0.00	45.50 3.09 0.00	42.63 2.79 0.00	39.61 2.87 0.00	35.63 2.52 0.00	33.55 2.49 0.00	30.23 2.34 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	29.50 1.83 -0.01	27.59 1.64 -0.01	26.43 1.52 -0.01	25.56 1.45 -0.01	26.05 1.47 -0.01	27.33 1.52 0.00	32.76 1.62 0.00	34.48 1.92 0.00	34.27 1.94 0.00	34.97 2.16 0.00	34.64 2.18 0.00	34.99 2.32 0.00	35.92 2.66 0.00	36.79 2.73 0.00	38.28 2.80 0.00	39.61 2.97 -0.01	42.93 3.14 -0.01	45.14 2.99 0.00	45.46 3.05 0.00	42.59 2.75 0.00	39.58 2.83 0.00	35.59 2.48 0.00	33.52 2.45 0.00	30.17 2.29 -0.01
ASTORIA_GT2_1 24094	29.56 1.88 -0.01	27.64 1.69 -0.01	26.48 1.57 -0.01	25.61 1.49 -0.01	26.10 1.52 -0.01	27.38 1.57 0.00	32.82 1.68 0.00	34.55 1.99 0.00	34.33 2.00 0.00	34.84 2.03 0.00	34.77 2.31 0.00	35.06 2.39 0.00	35.65 2.39 0.00	36.83 2.76 0.00	38.35 2.87 0.00	39.69 3.04 0.00	43.01 3.22 0.00	45.18 3.03 0.00	45.50 3.10 0.00	42.67 2.83 0.00	39.65 2.90 0.00	35.59 2.48 0.00	33.52 2.45 0.00	30.23 2.34 -0.01
ASTORIA_GT2_2 24095	29.56 1.88 -0.01	27.64 1.69 -0.01	26.48 1.57 -0.01	25.61 1.49 -0.01	26.10 1.52 -0.01	27.38 1.57 0.00	32.82 1.68 0.00	34.55 1.99 0.00	34.33 2.00 0.00	34.84 2.03 0.00	34.77 2.31 0.00	35.06 2.39 0.00	35.65 2.39 0.00	36.83 2.76 0.00	38.35 2.87 0.00	39.69 3.04 -0.01	43.01 3.22 -0.01	45.18 3.03 0.00	45.50 3.10 0.00	42.67 2.83 0.00	39.65 2.90 0.00	35.59 2.48 0.00	33.52 2.45 0.00	30.23 2.34 -0.01
ASTORIA_GT2_3 24096	29.56 1.88 -0.01	27.64 1.69 -0.01	26.48 1.57 -0.01	25.61 1.49 -0.01	26.10 1.52 -0.01	27.38 1.57 0.00	32.82 1.68 0.00	34.55 1.99 0.00	34.33 2.00 0.00	34.84 2.03 0.00	34.77 2.31 0.00	35.06 2.39 0.00	35.65 2.39 0.00	36.83 2.76 0.00	38.35 2.87 0.00	39.69 3.04 -0.01	43.01 3.22 -0.01	45.18 3.03 0.00	45.50 3.10 0.00	42.67 2.83 0.00	39.65 2.90 0.00	35.59 2.48 0.00	33.52 2.45 0.00	30.23 2.34 -0.01
ASTORIA_GT2_4 24097	29.56 1.88 -0.01	27.64 1.69 -0.01	26.48 1.57 -0.01	25.61 1.49 -0.01	26.10 1.52 -0.01	27.38 1.57 0.00	32.82 1.68 0.00	34.55 1.99 0.00	34.33 2.00 0.00	34.84 2.03 0.00	34.77 2.31 0.00	35.06 2.39 0.00	35.65 2.39 0.00	36.83 2.76 0.00	38.35 2.87 0.00	39.69 3.04 -0.01	43.01 3.22 -0.01	45.18 3.03 0.00	45.50 3.10 0.00	42.67 2.83 0.00	39.65 2.90 0.00	35.59 2.48 0.00	33.52 2.45 0.00	30.23 2.34 -0.01
ASTORIA_GT3_1 24098	29.53 1.85 -0.01	27.59 1.63 -0.01	26.43 1.52 -0.01	25.56 1.45 -0.01	26.05 1.47 -0.01	27.35 1.55 0.00	32.79 1.65 0.00	34.52 1.95 0.00	34.30 1.97 0.00	34.81 2.00 0.00	34.71 2.24 0.00	35.03 2.35 0.00	35.62 2.36 0.00	36.79 2.73 0.00	38.32 2.84 0.00	39.65 3.00 -0.01	42.93 3.14 -0.01	45.14 2.99 0.00	45.46 3.05 0.00	42.63 2.79 0.00	39.61 2.87 0.00	35.56 2.45 0.00	33.49 2.42 0.00	30.20 2.31 -0.01
ASTORIA_GT3_2 24099	29.53 1.85 -0.01	27.59 1.63 -0.01	26.43 1.52 -0.01	25.56 1.45 -0.01	26.05 1.47 -0.01	27.35 1.55 0.00	32.79 1.65 0.00	34.52 1.95 0.00	34.30 1.97 0.00	34.81 2.00 0.00	34.71 2.24 0.00	35.03 2.35 0.00	35.62 2.36 0.00	36.79 2.73 0.00	38.32 2.84 0.00	39.65 3.00 -0.01	42.93 3.14 -0.01	45.14 2.99 0.00	45.46 3.05 0.00	42.63 2.79 0.00	39.61 2.87 0.00	35.56 2.45 0.00	33.49 2.42 0.00	30.20 2.31 -0.01
ASTORIA_GT3_3 24100	29.53 1.85 -0.01	27.59 1.63 -0.01	26.43 1.52 -0.01	25.56 1.45 -0.01	26.05 1.47 -0.01	27.35 1.55 0.00	32.79 1.65 0.00	34.52 1.95 0.00	34.30 1.97 0.00	34.81 2.00 0.00	34.71 2.24 0.00	35.03 2.35 0.00	35.62 2.36 0.00	36.79 2.73 0.00	38.32 2.84 0.00	39.65 3.00 -0.01	42.93 3.14 -0.01	45.14 2.99 0.00	45.46 3.05 0.00	42.63 2.79 0.00	39.61 2.87 0.00	35.56 2.45 0.00	33.49 2.42 0.00	30.20 2.31 -0.01
ASTORIA_GT3_4 24101	29.53 1.85 -0.01	27.59 1.63 -0.01	26.43 1.52 -0.01	25.56 1.45 -0.01	26.05 1.47 -0.01	27.35 1.55 0.00	32.79 1.65 0.00	34.52 1.95 0.00	34.30 1.97 0.00	34.81 2.00 0.00	34.71 2.24 0.00	35.03 2.35 0.00	35.62 2.36 0.00	36.79 2.73 0.00	38.32 2.84 0.00	39.65 3.00 -0.01	42.93 3.14 -0.01	45.14 2.99 0.00	45.46 3.05 0.00	42.63 2.79 0.00	39.61 2.87 0.00	35.56 2.45 0.00	33.49 2.42 0.00	30.20 2.31 -0.01
ASTORIA_GT4_1 24102	29.53 1.85 -0.01	27.59 1.63 -0.01	26.43 1.52 -0.01	25.56 1.45 -0.01	26.05 1.47 -0.01	27.35 1.55 0.00	32.79 1.65 0.00	34.52 1.95 0.00	34.30 1.97 0.00	34.81 2.00 0.00	34.71 2.24 0.00	35.03 2.35 0.00	35.62 2.36 0.00	36.79 2.73 0.00	38.32 2.84 0.00	39.65 3.00 -0.01	42.93 3.14 -0.01	45.14 2.99 0.00	45.46 3.05 0.00	42.63 2.79 0.00	39.61 2.87 0.00	35.56 2.45 0.00	33.49 2.42 0.00	30.20 2.31 -0.01
ASTORIA_GT4_2 24103	29.53 1.85 -0.01	27.59 1.63 -0.01	26.43 1.52 -0.01	25.56 1.45 -0.01	26.05 1.47 -0.01	27.35 1.55 0.00	32.79 1.65 0.00	34.52 1.95 0.00	34.30 1.97 0.00	34.81 2.00 0.00	34.71 2.24 0.00	35.03 2.35 0.00	35.62 2.36 0.00	36.79 2.73 0.00	38.32 2.84 0.00	39.65 3.00 -0.01	42.93 3.14 -0.01	45.14 2.99 0.00	45.46 3.05 0.00	42.63 2.79 0.00	39.61 2.87 0.00	35.56 2.45 0.00	33.49 2.42 0.00	30.20 2.31 -0.01
ASTORIA_GT4_3 24104	29.53 1.85 -0.01	27.59 1.63 -0.01	26.43 1.52 -0.01	25.56 1.45 -0.01	26.05 1.47 -0.01	27.35 1.55 0.00	32.79 1.65 0.00	34.52 1.95 0.00	34.30 1.97 0.00	34.81 2.00 0.00	34.71 2.24 0.00	35.03 2.35 0.00	35.62 2.36 0.00	36.79 2.73 0.00	38.32 2.84 0.00	39.65 3.00 -0.01	42.93 3.14 -0.01	45.14 2.99 0.00	45.46 3.05 0.00	42.63 2.79 0.00	39.61 2.87 0.00	35.56 2.45 0.00	33.49 2.42 0.00	30.20 2.31 -0.01

ASTORIA_GT4_4 24105	29.53 1.85 -0.01	27.59 1.63 -0.01	26.43 1.52 -0.01	25.56 1.45 -0.01	26.05 1.47 -0.01	27.35 1.55 0.00	32.79 1.65 0.00	34.52 1.95 0.00	34.30 1.97 0.00	34.81 2.00 0.00	34.71 2.24 0.00	35.03 2.35 0.00	35.62 2.36 0.00	36.79 2.73 0.00	38.32 2.84 0.00	39.65 3.00 -0.01	42.93 3.14 -0.01	45.14 2.99 0.00	45.46 3.05 0.00	42.63 2.79 0.00	39.61 2.87 0.00	35.56 2.45 0.00	33.49 2.42 0.00	30.20 2.31 -0.01
ASTORIA_GT_1 23523	29.61 1.94 -0.01	27.67 1.71 -0.01	26.51 1.60 -0.01	25.64 1.52 -0.01	26.12 1.55 -0.01	27.41 1.60 0.00	32.85 1.71 0.00	34.58 2.02 0.00	34.36 2.04 0.00	35.07 2.26 0.00	34.77 2.31 0.00	35.13 2.45 0.00	36.01 2.76 0.00	36.89 2.83 0.00	38.42 2.94 0.00	39.72 3.08 -0.01	43.09 3.30 -0.01	45.26 3.12 0.00	45.59 3.18 0.00	42.75 2.91 0.00	39.72 2.98 0.00	35.69 2.58 0.00	33.61 2.55 0.00	30.25 2.37 -0.01
ASTORIA_GT_10 24110	29.50 1.83 -0.01	27.56 1.61 -0.01	26.38 1.47 -0.01	25.51 1.40 -0.01	26.00 1.42 -0.01	27.30 1.50 0.00	32.92 1.78 0.00	34.62 2.05 0.00	34.46 2.13 0.00	34.94 2.13 0.00	34.84 2.37 0.00	35.09 2.42 0.00	35.68 2.43 0.00	36.86 2.79 0.00	38.35 2.87 0.00	39.69 3.04 -0.01	42.97 3.18 -0.01	45.10 2.95 0.00	45.42 3.01 0.00	42.63 2.79 0.00	39.65 2.90 0.00	35.59 2.48 0.00	33.52 2.45 0.00	30.14 2.26 -0.01
ASTORIA_GT_11 24225	29.50 1.83 -0.01	27.56 1.61 -0.01	26.38 1.47 -0.01	25.51 1.40 -0.01	26.00 1.42 -0.01	27.30 1.50 0.00	32.92 1.78 0.00	34.62 2.05 0.00	34.46 2.13 0.00	34.94 2.13 0.00	34.84 2.37 0.00	35.09 2.42 0.00	35.68 2.43 0.00	36.86 2.79 0.00	38.35 2.87 0.00	39.69 3.04 -0.01	42.97 3.18 -0.01	45.10 2.95 0.00	45.42 3.01 0.00	42.63 2.79 0.00	39.65 2.90 0.00	35.59 2.48 0.00	33.52 2.45 0.00	30.14 2.26 -0.01
ASTORIA_GT_12 24226	29.50 1.83 -0.01	27.56 1.61 -0.01	26.38 1.47 -0.01	25.51 1.40 -0.01	26.00 1.42 -0.01	27.30 1.50 0.00	32.92 1.78 0.00	34.62 2.05 0.00	34.46 2.13 0.00	34.94 2.13 0.00	34.84 2.37 0.00	35.09 2.42 0.00	35.68 2.43 0.00	36.86 2.79 0.00	38.35 2.87 0.00	39.69 3.04 -0.01	42.97 3.18 -0.01	45.10 2.95 0.00	45.42 3.01 0.00	42.63 2.79 0.00	39.65 2.90 0.00	35.59 2.48 0.00	33.52 2.45 0.00	30.14 2.26 -0.01
ASTORIA_GT_13 24227	29.50 1.83 -0.01	27.56 1.61 -0.01	26.38 1.47 -0.01	25.51 1.40 -0.01	26.00 1.42 -0.01	27.30 1.50 0.00	32.92 1.78 0.00	34.62 2.05 0.00	34.46 2.13 0.00	34.94 2.13 0.00	34.84 2.37 0.00	35.09 2.42 0.00	35.68 2.43 0.00	36.86 2.79 0.00	38.35 2.87 0.00	39.69 3.04 -0.01	42.97 3.18 -0.01	45.10 2.95 0.00	45.42 3.01 0.00	42.63 2.79 0.00	39.65 2.90 0.00	35.59 2.48 0.00	33.52 2.45 0.00	30.14 2.26 -0.01
ASTORIA_GT_5 24106	29.61 1.94 -0.01	27.67 1.71 -0.01	26.51 1.59 -0.01	25.63 1.52 -0.01	26.12 1.55 -0.01	27.40 1.60 0.00	32.85 1.71 0.00	34.58 2.02 0.00	34.36 2.04 0.00	34.90 2.10 0.00	34.80 2.34 0.00	35.12 2.45 0.00	35.72 2.46 0.00	36.89 2.83 0.00	38.42 2.94 0.00	39.76 3.11 -0.01	43.09 3.30 -0.01	45.26 3.12 0.00	45.59 3.18 0.00	42.75 2.91 0.00	39.72 2.98 0.00	35.66 2.55 0.00	33.58 2.52 0.00	30.26 2.37 -0.01
ASTORIA_GT_7 24107	29.61 1.94 -0.01	27.67 1.71 -0.01	26.51 1.59 -0.01	25.63 1.52 -0.01	26.12 1.55 -0.01	27.40 1.60 0.00	32.85 1.71 0.00	34.58 2.02 0.00	34.36 2.04 0.00	34.90 2.10 0.00	34.80 2.34 0.00	35.12 2.45 0.00	35.72 2.46 0.00	36.89 2.83 0.00	38.42 2.94 0.00	39.76 3.11 -0.01	43.09 3.30 -0.01	45.26 3.12 0.00	45.59 3.18 0.00	42.75 2.91 0.00	39.72 2.98 0.00	35.66 2.55 0.00	33.58 2.52 0.00	30.26 2.37 -0.01
ASTORIA_GT_8 24108	29.61 1.94 -0.01	27.67 1.71 -0.01	26.51 1.59 -0.01	25.63 1.52 -0.01	26.12 1.55 -0.01	27.40 1.60 0.00	32.85 1.71 0.00	34.58 2.02 0.00	34.36 2.04 0.00	34.90 2.10 0.00	34.80 2.34 0.00	35.12 2.45 0.00	35.72 2.46 0.00	36.89 2.83 0.00	38.42 2.94 0.00	39.76 3.11 -0.01	43.09 3.30 -0.01	45.26 3.12 0.00	45.59 3.18 0.00	42.75 2.91 0.00	39.72 2.98 0.00	35.66 2.55 0.00	33.58 2.52 0.00	30.26 2.37 -0.01
ASTORIA___2 24149	29.53 1.85 -0.01	27.59 1.64 -0.01	26.43 1.52 -0.01	25.56 1.45 -0.01	26.05 1.47 -0.01	27.33 1.52 0.00	32.79 1.65 0.00	34.52 1.95 0.00	34.27 1.94 0.00	35.00 2.20 0.00	34.67 2.21 0.00	35.03 2.35 0.00	35.92 2.66 0.00	36.79 2.73 0.00	38.32 2.84 0.00	39.61 2.97 -0.01	42.93 3.14 -0.01	45.14 2.99 0.00	45.46 3.05 0.00	42.63 2.79 0.00	39.61 2.87 0.00	35.59 2.48 0.00	33.52 2.45 0.00	30.17 2.29 -0.01
ASTORIA___3 23516	29.50 1.83 -0.01	27.57 1.61 -0.01	26.38 1.47 -0.01	25.51 1.40 -0.01	26.00 1.42 -0.01	27.30 1.50 0.00	32.91 1.77 0.00	34.62 2.05 0.00	34.43 2.10 0.00	35.13 2.33 0.00	34.77 2.31 0.00	35.09 2.42 0.00	35.98 2.73 0.00	36.86 2.79 0.00	38.35 2.87 0.00	39.65 3.00 -0.01	42.97 3.18 -0.01	45.09 2.95 0.00	45.42 3.01 0.00	42.63 2.79 0.00	39.65 2.90 0.00	35.63 2.52 0.00	33.55 2.49 0.00	30.14 2.26 -0.01
ASTORIA___4 23517	29.50 1.83 -0.01	27.56 1.61 -0.01	26.38 1.47 -0.01	25.51 1.40 -0.01	26.00 1.42 -0.01	27.30 1.50 0.00	32.92 1.78 0.00	34.62 2.05 0.00	34.46 2.13 0.00	34.94 2.13 0.00	34.84 2.37 0.00	35.09 2.42 0.00	35.68 2.43 0.00	36.86 2.79 0.00	38.35 2.87 0.00	39.69 3.04 -0.01	42.97 3.18 -0.01	45.10 2.95 0.00	45.42 3.01 0.00	42.63 2.79 0.00	39.65 2.90 0.00	35.59 2.48 0.00	33.52 2.45 0.00	30.14 2.26 -0.01
ASTORIA___5 23518	29.50 1.83 -0.01	27.57 1.61 -0.01	26.38 1.47 -0.01	25.51 1.40 -0.01	26.00 1.42 -0.01	27.30 1.50 0.00	32.91 1.77 0.00	34.62 2.05 0.00	34.43 2.10 0.00	35.13 2.33 0.00	34.77 2.31 0.00	35.09 2.42 0.00	35.98 2.73 0.00	36.86 2.79 0.00	38.35 2.87 0.00	39.65 3.00 -0.01	42.97 3.18 -0.01	45.09 2.95 0.00	45.42 3.01 0.00	42.63 2.79 0.00	39.65 2.90 0.00	35.66 2.55 0.00	33.55 2.49 0.00	30.14 2.26 -0.01
AST_ENERGY_2_CC3 323677	29.33 1.66 0.00	27.40 1.45 0.00	26.25 1.34 0.00	25.36 1.25 0.00	25.84 1.28 0.00	27.17 1.37 0.00	32.82 1.68 0.00	34.55 1.99 0.00	34.40 2.07 0.00	35.07 2.26 0.00	34.67 2.21 0.00	34.96 2.29 0.00	35.85 2.60 0.00	36.66 2.59 0.00	38.14 2.66 0.00	39.46 2.82 0.00	42.72 2.94 0.00	44.97 2.82 0.00	45.25 2.84 0.00	42.47 2.63 0.00	39.58 2.83 0.00	35.59 2.48 0.00	33.49 2.42 0.00	30.05 2.18 0.00
AST_ENERGY_2_CC4 323678	29.33 1.66 0.00	27.40 1.45 0.00	26.25 1.34 0.00	25.36 1.25 0.00	25.84 1.28 0.00	27.17 1.37 0.00	32.82 1.68 0.00	34.55 1.99 0.00	34.40 2.07 0.00	35.07 2.26 0.00	34.67 2.21 0.00	34.96 2.29 0.00	35.85 2.60 0.00	36.66 2.59 0.00	38.14 2.66 0.00	39.46 2.82 0.00	42.72 2.94 0.00	44.97 2.82 0.00	45.25 2.84 0.00	42.47 2.63 0.00	39.58 2.83 0.00	35.59 2.48 0.00	33.49 2.42 0.00	30.05 2.18 0.00

ATHENS_STG_1 23668	28.44 0.77 0.00	26.65 0.70 0.00	25.60 0.70 0.00	24.81 0.70 0.00	25.28 0.71 0.00	26.47 0.67 0.00	31.95 0.81 0.00	33.51 0.94 0.00	33.26 0.94 0.00	33.82 1.02 0.00	33.37 0.91 0.00	33.62 0.95 0.00	34.39 1.13 0.00	35.19 1.12 0.00	36.69 1.21 0.00	37.85 1.21 0.00	41.09 1.31 0.00	43.45 1.31 0.00	43.72 1.32 0.00	41.08 1.24 0.00	38.03 1.29 0.00	34.27 1.16 0.00	32.15 1.09 0.00	28.83 0.95 0.00
ATHENS_STG_2 23670	28.44 0.77 0.00	26.65 0.70 0.00	25.60 0.70 0.00	24.81 0.70 0.00	25.28 0.71 0.00	26.47 0.67 0.00	31.95 0.81 0.00	33.51 0.94 0.00	33.26 0.94 0.00	33.82 1.02 0.00	33.37 0.91 0.00	33.62 0.95 0.00	34.39 1.13 0.00	35.19 1.12 0.00	36.69 1.21 0.00	37.85 1.21 0.00	41.09 1.31 0.00	43.45 1.31 0.00	43.72 1.32 0.00	41.08 1.24 0.00	38.03 1.29 0.00	34.27 1.16 0.00	32.15 1.09 0.00	28.83 0.95 0.00
ATHENS_STG_3 23677	28.44 0.77 0.00	26.65 0.70 0.00	25.60 0.70 0.00	24.81 0.70 0.00	25.28 0.71 0.00	26.47 0.67 0.00	31.95 0.81 0.00	33.51 0.94 0.00	33.26 0.94 0.00	33.82 1.02 0.00	33.37 0.91 0.00	33.62 0.95 0.00	34.39 1.13 0.00	35.19 1.12 0.00	36.69 1.21 0.00	37.85 1.21 0.00	41.09 1.31 0.00	43.45 1.31 0.00	43.72 1.32 0.00	41.08 1.24 0.00	38.03 1.29 0.00	34.27 1.16 0.00	32.15 1.09 0.00	28.83 0.95 0.00
AUBURN___LFGE 323710	27.59 -0.08 0.00	25.82 -0.13 0.00	24.75 -0.15 0.00	23.94 -0.17 0.00	24.40 -0.17 0.00	25.70 -0.10 0.00	31.11 -0.03 0.00	32.56 0.00 0.00	32.00 -0.32 0.00	32.54 -0.26 0.00	33.33 -0.26 -1.12	33.69 -0.16 -1.18	34.57 0.00 -1.31	35.91 0.37 -1.47	37.54 0.35 -1.70	38.87 0.33 -1.91	42.52 0.32 -2.42	45.62 0.55 -2.93	45.88 0.51 -2.97	42.86 0.44 -2.58	39.01 0.22 -2.04	34.46 -0.03 -1.39	31.63 -0.06 -0.63	27.79 -0.08 0.00
BABYLON_RES_REC 323704	35.82 1.99 -6.15	35.41 1.77 -7.69	29.68 1.64 -3.13	29.44 1.57 -3.77	29.54 1.60 -3.37	34.02 1.70 -6.51	35.08 2.05 -1.88	36.36 2.38 -1.42	36.37 2.39 -1.65	36.13 2.56 -0.77	34.87 2.40 0.00	35.71 2.61 -0.42	36.08 2.83 0.00	36.62 2.56 0.00	37.96 2.48 0.00	39.28 2.64 0.00	42.64 2.87 0.00	44.72 2.57 0.00	45.04 2.63 0.00	42.43 2.59 0.00	39.13 2.39 0.00	35.66 2.55 0.00	33.70 2.64 0.00	32.52 2.34 -2.30
BABYLON__69_KV_BK2 356345	36.01 2.19 -6.15	35.56 1.92 -7.69	29.83 1.79 -3.13	29.56 1.69 -3.77	29.66 1.72 -3.37	34.18 1.86 -6.51	35.14 2.12 -1.88	36.49 2.51 -1.42	36.50 2.52 -1.65	36.07 2.49 -0.77	35.22 2.76 0.00	36.00 2.91 -0.42	35.95 2.69 0.00	37.24 3.17 0.00	38.64 3.16 0.00	40.23 3.59 0.00	43.52 3.74 0.00	45.81 3.67 0.00	46.10 3.69 0.00	43.31 3.47 0.00	39.83 3.09 0.00	36.26 3.15 0.00	33.61 2.55 0.00	32.66 2.48 -2.30
BALL_HILL_WT_PWR 323825	27.45 -0.22 0.00	25.45 -0.49 0.00	24.43 -0.47 0.00	23.55 -0.55 0.00	23.98 -0.59 0.00	25.44 -0.36 0.00	30.58 -0.56 0.00	31.82 -0.75 0.00	30.54 -1.75 0.04	31.69 -1.08 0.04	32.17 -0.29 0.00	32.45 -0.23 0.00	34.32 1.06 0.00	35.56 1.50 0.00	36.61 1.14 0.00	37.92 1.28 0.00	41.25 1.47 0.00	43.62 1.47 0.00	43.64 1.23 0.00	40.92 1.08 0.00	37.01 0.26 0.00	32.75 -0.36 0.00	30.78 -0.28 0.00	27.88 0.00 0.00
BARON_WINDS___WT_PWR 323822	27.81 0.14 0.00	25.87 -0.08 0.00	24.83 -0.07 0.00	23.94 -0.17 0.00	24.40 -0.17 0.00	25.83 0.03 0.00	31.17 0.03 0.00	32.53 -0.03 0.00	31.39 -0.90 0.03	32.32 -0.46 0.03	32.71 0.00 -0.24	32.99 0.07 -0.25	34.60 1.06 -0.28	35.78 1.40 -0.31	37.05 1.21 -0.36	38.44 1.39 -0.41	41.68 1.43 -0.48	44.32 1.60 -0.57	44.43 1.44 -0.58	41.41 0.95 -0.61	37.70 0.48 -0.48	33.37 -0.07 -0.33	31.18 -0.03 -0.15	27.96 0.08 0.00
BARRETT_IC_1 23704	35.73 1.91 -6.15	35.33 1.69 -7.69	29.65 1.62 -3.13	29.42 1.54 -3.77	29.51 1.57 -3.37	34.00 1.68 -6.51	35.04 2.02 -1.88	36.23 2.25 -1.42	36.27 2.30 -1.65	36.06 2.49 -0.77	34.80 2.34 0.00	35.61 2.52 -0.42	36.01 2.76 0.00	36.76 2.69 0.00	38.10 2.63 0.00	39.39 2.75 0.00	42.64 2.87 0.00	44.88 2.74 0.00	45.16 2.75 0.00	42.43 2.59 0.00	39.28 2.53 0.00	35.79 2.68 0.00	33.58 2.52 0.00	32.47 2.29 -2.30
BARRETT_IC_10 23701	35.73 1.91 -6.15	35.33 1.69 -7.69	29.65 1.62 -3.13	29.42 1.54 -3.77	29.51 1.57 -3.37	34.00 1.68 -6.51	35.04 2.02 -1.88	36.23 2.25 -1.42	36.27 2.30 -1.65	36.06 2.49 -0.77	34.80 2.34 0.00	35.61 2.52 -0.42	36.01 2.76 0.00	36.76 2.69 0.00	38.10 2.63 0.00	39.39 2.75 0.00	42.64 2.87 0.00	44.88 2.74 0.00	45.16 2.75 0.00	42.43 2.59 0.00	39.28 2.53 0.00	35.79 2.68 0.00	33.58 2.52 0.00	32.47 2.29 -2.30
BARRETT_IC_11 23702	35.73 1.91 -6.15	35.33 1.69 -7.69	29.65 1.62 -3.13	29.42 1.54 -3.77	29.51 1.57 -3.37	34.00 1.68 -6.51	35.04 2.02 -1.88	36.23 2.25 -1.42	36.27 2.30 -1.65	36.06 2.49 -0.77	34.80 2.34 0.00	35.61 2.52 -0.42	36.01 2.76 0.00	36.76 2.69 0.00	38.10 2.63 0.00	39.39 2.75 0.00	42.64 2.87 0.00	44.88 2.74 0.00	45.16 2.75 0.00	42.43 2.59 0.00	39.28 2.53 0.00	35.79 2.68 0.00	33.58 2.52 0.00	32.47 2.29 -2.30
BARRETT_IC_12 23703	35.73 1.91 -6.15	35.33 1.69 -7.69	29.65 1.62 -3.13	29.42 1.54 -3.77	29.51 1.57 -3.37	34.00 1.68 -6.51	35.04 2.02 -1.88	36.23 2.25 -1.42	36.27 2.30 -1.65	36.06 2.49 -0.77	34.80 2.34 0.00	35.61 2.52 -0.42	36.01 2.76 0.00	36.76 2.69 0.00	38.10 2.63 0.00	39.39 2.75 0.00	42.64 2.87 0.00	44.88 2.74 0.00	45.16 2.75 0.00	42.43 2.59 0.00	39.28 2.53 0.00	35.79 2.68 0.00	33.58 2.52 0.00	32.47 2.29 -2.30
BARRETT_IC_2 23705	35.73 1.91 -6.15	35.33 1.69 -7.69	29.65 1.62 -3.13	29.42 1.54 -3.77	29.51 1.57 -3.37	34.00 1.68 -6.51	35.04 2.02 -1.88	36.23 2.25 -1.42	36.27 2.30 -1.65	36.06 2.49 -0.77	34.80 2.34 0.00	35.61 2.52 -0.42	36.01 2.76 0.00	36.76 2.69 0.00	38.10 2.63 0.00	39.39 2.75 0.00	42.64 2.87 0.00	44.88 2.74 0.00	45.16 2.75 0.00	42.43 2.59 0.00	39.28 2.53 0.00	35.79 2.68 0.00	33.58 2.52 0.00	32.47 2.29 -2.30
BARRETT_IC_3 23706	35.73 1.91 -6.15	35.33 1.69 -7.69	29.65 1.62 -3.13	29.42 1.54 -3.77	29.51 1.57 -3.37	34.00 1.68 -6.51	35.04 2.02 -1.88	36.23 2.25 -1.42	36.27 2.30 -1.65	36.06 2.49 -0.77	34.80 2.34 0.00	35.61 2.52 -0.42	36.01 2.76 0.00	36.76 2.69 0.00	38.10 2.63 0.00	39.39 2.75 0.00	42.64 2.87 0.00	44.88 2.74 0.00	45.16 2.75 0.00	42.43 2.59 0.00	39.28 2.53 0.00	35.79 2.68 0.00	33.58 2.52 0.00	32.47 2.29 -2.30
BARRETT_IC_4 23707	35.73 1.91 -6.15	35.33 1.69 -7.69	29.65 1.62 -3.13	29.42 1.54 -3.77	29.51 1.57 -3.37	34.00 1.68 -6.51	35.04 2.02 -1.88	36.23 2.25 -1.42	36.27 2.30 -1.65	36.06 2.49 -0.77	34.80 2.34 0.00	35.61 2.52 -0.42	36.01 2.76 0.00	36.76 2.69 0.00	38.10 2.63 0.00	39.39 2.75 0.00	42.64 2.87 0.00	44.88 2.74 0.00	45.16 2.75 0.00	42.43 2.59 0.00	39.28 2.53 0.00	35.79 2.68 0.00	33.58 2.52 0.00	32.47 2.29 -2.30

BARRETT_IC_5 23708	35.73 1.91 -6.15	35.33 1.69 -7.69	29.65 1.62 -3.13	29.42 1.54 -3.77	29.51 1.57 -3.37	34.00 1.68 -6.51	35.04 2.02 -1.88	36.23 2.25 -1.42	36.27 2.30 -1.65	36.06 2.49 -0.77	34.80 2.34 0.00	35.61 2.52 -0.42	36.01 2.76 0.00	36.76 2.69 0.00	38.10 2.63 0.00	39.39 2.75 0.00	42.64 2.87 0.00	44.88 2.74 0.00	45.16 2.75 0.00	42.43 2.59 0.00	39.28 2.53 0.00	35.79 2.68 0.00	33.58 2.52 0.00	32.47 2.29 -2.30
BARRETT_IC_6 23709	35.73 1.91 -6.15	35.33 1.69 -7.69	29.65 1.62 -3.13	29.42 1.54 -3.77	29.51 1.57 -3.37	34.00 1.68 -6.51	35.04 2.02 -1.88	36.23 2.25 -1.42	36.27 2.30 -1.65	36.06 2.49 -0.77	34.80 2.34 0.00	35.61 2.52 -0.42	36.01 2.76 0.00	36.76 2.69 0.00	38.10 2.63 0.00	39.39 2.75 0.00	42.64 2.87 0.00	44.88 2.74 0.00	45.16 2.75 0.00	42.43 2.59 0.00	39.28 2.53 0.00	35.79 2.68 0.00	33.58 2.52 0.00	32.47 2.29 -2.30
BARRETT_IC_7 23710	35.73 1.91 -6.15	35.33 1.69 -7.69	29.65 1.62 -3.13	29.42 1.54 -3.77	29.49 1.55 -3.37	34.00 1.68 -6.51	35.05 2.02 -1.88	36.23 2.25 -1.42	36.27 2.30 -1.65	35.90 2.33 -0.77	34.84 2.37 0.00	35.61 2.52 -0.42	35.62 2.36 0.00	36.76 2.69 0.00	38.10 2.63 0.00	39.50 2.86 0.00	42.64 2.86 0.00	44.88 2.74 0.00	45.16 2.76 0.00	42.43 2.59 0.00	39.39 2.65 0.00	35.69 2.58 0.00	33.49 2.42 0.00	32.47 2.29 -2.30
BARRETT_IC_8 23711	35.73 1.91 -6.15	35.33 1.69 -7.69	29.65 1.62 -3.13	29.42 1.54 -3.77	29.51 1.57 -3.37	34.00 1.68 -6.51	35.04 2.02 -1.88	36.23 2.25 -1.42	36.27 2.30 -1.65	36.06 2.49 -0.77	34.80 2.34 0.00	35.61 2.52 -0.42	36.01 2.76 0.00	36.76 2.69 0.00	38.10 2.63 0.00	39.39 2.75 0.00	42.64 2.87 0.00	44.88 2.74 0.00	45.16 2.75 0.00	42.43 2.59 0.00	39.28 2.53 0.00	35.79 2.68 0.00	33.58 2.52 0.00	32.47 2.29 -2.30
BARRETT_IC_9 23700	35.73 1.91 -6.15	35.33 1.69 -7.69	29.65 1.62 -3.13	29.42 1.54 -3.77	29.51 1.57 -3.37	34.00 1.68 -6.51	35.04 2.02 -1.88	36.23 2.25 -1.42	36.27 2.30 -1.65	36.06 2.49 -0.77	34.80 2.34 0.00	35.61 2.52 -0.42	36.01 2.76 0.00	36.76 2.69 0.00	38.10 2.63 0.00	39.39 2.75 0.00	42.64 2.87 0.00	44.88 2.74 0.00	45.16 2.75 0.00	42.43 2.59 0.00	39.28 2.53 0.00	35.79 2.68 0.00	33.58 2.52 0.00	32.47 2.29 -2.30
BARRETT___1 23545	35.73 1.91 -6.15	35.33 1.69 -7.69	29.65 1.62 -3.13	29.42 1.54 -3.77	29.51 1.57 -3.37	34.00 1.68 -6.51	35.04 2.02 -1.88	36.23 2.25 -1.42	36.27 2.30 -1.65	36.06 2.49 -0.77	34.80 2.34 0.00	35.61 2.52 -0.42	36.01 2.76 0.00	36.76 2.69 0.00	38.10 2.63 0.00	39.39 2.75 0.00	42.64 2.87 0.00	44.88 2.74 0.00	45.16 2.75 0.00	42.43 2.59 0.00	39.28 2.53 0.00	35.79 2.68 0.00	33.58 2.52 0.00	32.47 2.29 -2.30
BARRETT___2 23546	35.73 1.91 -6.15	35.33 1.69 -7.69	29.65 1.62 -3.13	29.42 1.54 -3.77	29.51 1.57 -3.37	34.00 1.68 -6.51	35.04 2.02 -1.88	36.23 2.25 -1.42	36.27 2.30 -1.65	36.06 2.49 -0.77	34.80 2.34 0.00	35.61 2.52 -0.42	36.01 2.76 0.00	36.76 2.69 0.00	38.10 2.63 0.00	39.39 2.75 0.00	42.64 2.87 0.00	44.88 2.74 0.00	45.16 2.75 0.00	42.43 2.59 0.00	39.28 2.53 0.00	35.79 2.68 0.00	33.58 2.52 0.00	32.47 2.29 -2.30
BATAVIA__115KV_TB1 55881	27.25 -0.42 0.00	25.35 -0.60 0.00	24.33 -0.57 0.00	23.41 -0.70 0.00	23.81 -0.76 0.00	25.29 -0.52 0.00	30.33 -0.81 0.00	31.65 -0.91 0.00	30.83 -1.45 0.04	31.68 -1.08 0.04	31.69 -0.78 0.00	32.18 -0.49 0.00	33.39 0.13 0.00	35.19 1.12 0.00	36.26 0.78 0.00	37.37 0.73 0.00	40.77 0.99 0.00	43.28 1.14 0.00	43.42 1.02 0.00	40.76 0.92 0.00	36.82 0.07 0.00	32.55 -0.56 0.00	30.60 -0.47 0.00	27.65 -0.22 0.00
BAYONEEC___CTG1 323682	29.36 1.69 0.00	27.43 1.48 0.00	26.25 1.34 0.00	25.38 1.28 0.00	25.87 1.30 0.00	27.20 1.39 0.00	32.88 1.74 0.00	34.58 2.02 0.00	34.46 2.13 0.00	35.13 2.33 0.00	34.74 2.27 0.00	35.03 2.35 0.00	35.88 2.63 0.00	36.73 2.66 0.00	38.21 2.73 0.00	39.50 2.86 0.00	42.76 2.98 0.00	45.01 2.87 0.00	45.29 2.89 0.00	42.51 2.67 0.00	39.58 2.83 0.00	35.59 2.48 0.00	33.46 2.39 0.00	30.02 2.15 0.00
BAYONEEC___CTG10 323750	29.36 1.69 0.00	27.43 1.48 0.00	26.25 1.34 0.00	25.38 1.28 0.00	25.87 1.30 0.00	27.20 1.39 0.00	32.88 1.74 0.00	34.58 2.02 0.00	34.46 2.13 0.00	35.13 2.33 0.00	34.74 2.27 0.00	35.03 2.35 0.00	35.88 2.63 0.00	36.73 2.66 0.00	38.21 2.73 0.00	39.50 2.86 0.00	42.76 2.98 0.00	45.01 2.87 0.00	45.29 2.89 0.00	42.51 2.67 0.00	39.58 2.83 0.00	35.59 2.48 0.00	33.46 2.39 0.00	30.02 2.15 0.00
BAYONEEC___CTG2 323683	29.36 1.69 0.00	27.43 1.48 0.00	26.25 1.34 0.00	25.38 1.28 0.00	25.87 1.30 0.00	27.20 1.39 0.00	32.88 1.74 0.00	34.58 2.02 0.00	34.46 2.13 0.00	35.13 2.33 0.00	34.74 2.27 0.00	35.03 2.35 0.00	35.88 2.63 0.00	36.73 2.66 0.00	38.21 2.73 0.00	39.50 2.86 0.00	42.76 2.98 0.00	45.01 2.87 0.00	45.29 2.89 0.00	42.51 2.67 0.00	39.58 2.83 0.00	35.59 2.48 0.00	33.46 2.39 0.00	30.02 2.15 0.00
BAYONEEC___CTG3 323684	29.36 1.69 0.00	27.43 1.48 0.00	26.25 1.34 0.00	25.38 1.28 0.00	25.87 1.30 0.00	27.20 1.39 0.00	32.88 1.74 0.00	34.58 2.02 0.00	34.46 2.13 0.00	35.13 2.33 0.00	34.74 2.27 0.00	35.03 2.35 0.00	35.88 2.63 0.00	36.73 2.66 0.00	38.21 2.73 0.00	39.50 2.86 0.00	42.76 2.98 0.00	45.01 2.87 0.00	45.29 2.89 0.00	42.51 2.67 0.00	39.58 2.83 0.00	35.59 2.48 0.00	33.46 2.39 0.00	30.02 2.15 0.00
BAYONEEC___CTG4 323685	29.36 1.69 0.00	27.43 1.48 0.00	26.25 1.34 0.00	25.38 1.28 0.00	25.87 1.30 0.00	27.20 1.39 0.00	32.88 1.74 0.00	34.58 2.02 0.00	34.46 2.13 0.00	35.13 2.33 0.00	34.74 2.27 0.00	35.03 2.35 0.00	35.88 2.63 0.00	36.73 2.66 0.00	38.21 2.73 0.00	39.50 2.86 0.00	42.76 2.98 0.00	45.01 2.87 0.00	45.29 2.89 0.00	42.51 2.67 0.00	39.58 2.83 0.00	35.59 2.48 0.00	33.46 2.39 0.00	30.02 2.15 0.00
BAYONEEC___CTG5 323686	29.36 1.69 0.00	27.43 1.48 0.00	26.25 1.34 0.00	25.38 1.28 0.00	25.87 1.30 0.00	27.20 1.39 0.00	32.88 1.74 0.00	34.58 2.02 0.00	34.46 2.13 0.00	35.13 2.33 0.00	34.74 2.27 0.00	35.03 2.35 0.00	35.88 2.63 0.00	36.73 2.66 0.00	38.21 2.73 0.00	39.50 2.86 0.00	42.76 2.98 0.00	45.01 2.87 0.00	45.29 2.89 0.00	42.51 2.67 0.00	39.58 2.83 0.00	35.59 2.48 0.00	33.46 2.39 0.00	30.02 2.15 0.00
BAYONEEC___CTG6 323687	29.36 1.69 0.00	27.43 1.48 0.00	26.25 1.34 0.00	25.38 1.28 0.00	25.87 1.30 0.00	27.20 1.39 0.00	32.88 1.74 0.00	34.58 2.02 0.00	34.46 2.13 0.00	35.13 2.33 0.00	34.74 2.27 0.00	35.03 2.35 0.00	35.88 2.63 0.00	36.73 2.66 0.00	38.21 2.73 0.00	39.50 2.86 0.00	42.76 2.98 0.00	45.01 2.87 0.00	45.29 2.89 0.00	42.51 2.67 0.00	39.58 2.83 0.00	35.59 2.48 0.00	33.46 2.39 0.00	30.02 2.15 0.00

BAYONEEC___CTG7 323688	29.36 1.69 0.00	27.43 1.48 0.00	26.25 1.34 0.00	25.38 1.28 0.00	25.87 1.30 0.00	27.20 1.39 0.00	32.88 1.74 0.00	34.58 2.02 0.00	34.46 2.13 0.00	35.13 2.33 0.00	34.74 2.27 0.00	35.03 2.35 0.00	35.88 2.63 0.00	36.73 2.66 0.00	38.21 2.73 0.00	39.50 2.86 0.00	42.76 2.98 0.00	45.01 2.87 0.00	45.29 2.89 0.00	42.51 2.67 0.00	39.58 2.83 0.00	35.59 2.48 0.00	33.46 2.39 0.00	30.02 2.15 0.00
BAYONEEC___CTG8 323689	29.36 1.69 0.00	27.43 1.48 0.00	26.25 1.34 0.00	25.38 1.28 0.00	25.87 1.30 0.00	27.20 1.39 0.00	32.88 1.74 0.00	34.58 2.02 0.00	34.46 2.13 0.00	35.13 2.33 0.00	34.74 2.27 0.00	35.03 2.35 0.00	35.88 2.63 0.00	36.73 2.66 0.00	38.21 2.73 0.00	39.50 2.86 0.00	42.76 2.98 0.00	45.01 2.87 0.00	45.29 2.89 0.00	42.51 2.67 0.00	39.58 2.83 0.00	35.59 2.48 0.00	33.46 2.39 0.00	30.02 2.15 0.00
BAYONEEC___CTG9 323749	29.36 1.69 0.00	27.43 1.48 0.00	26.25 1.34 0.00	25.38 1.28 0.00	25.87 1.30 0.00	27.20 1.39 0.00	32.88 1.74 0.00	34.58 2.02 0.00	34.46 2.13 0.00	35.13 2.33 0.00	34.74 2.27 0.00	35.03 2.35 0.00	35.88 2.63 0.00	36.73 2.66 0.00	38.21 2.73 0.00	39.50 2.86 0.00	42.76 2.98 0.00	45.01 2.87 0.00	45.29 2.89 0.00	42.51 2.67 0.00	39.58 2.83 0.00	35.59 2.48 0.00	33.46 2.39 0.00	30.02 2.15 0.00
BEACON___LESR 323632	28.50 0.83 0.00	26.78 0.83 0.00	25.63 0.72 0.00	24.81 0.70 0.00	25.33 0.76 0.00	26.61 0.80 0.00	32.17 1.03 0.00	33.70 1.14 0.00	33.36 1.03 0.00	33.85 1.05 0.00	33.34 0.88 0.00	33.56 0.88 0.00	34.29 1.03 0.00	35.06 0.99 0.00	36.61 1.14 0.00	37.81 1.17 0.00	41.09 1.31 0.00	43.62 1.47 0.00	43.98 1.57 0.00	41.32 1.48 0.00	38.18 1.43 0.00	34.37 1.26 0.00	32.22 1.15 0.00	28.85 0.98 0.00
BEAVER RIVER___HYD 24048	28.11 0.44 0.00	26.39 0.44 0.00	25.30 0.40 0.00	24.44 0.34 0.00	24.91 0.34 0.00	26.29 0.49 0.00	31.95 0.81 0.00	33.44 0.88 0.00	32.97 0.65 0.00	33.40 0.59 0.00	33.52 0.42 -0.63	33.56 0.23 -0.66	34.22 0.23 -0.74	35.13 0.24 -0.82	36.65 0.21 -0.95	37.96 0.26 -1.07	41.46 0.32 -1.36	44.34 0.55 -1.64	44.88 0.80 -1.67	42.24 0.95 -1.44	38.81 0.92 -1.14	34.75 0.86 -0.78	32.13 0.72 -0.35	28.44 0.56 0.00
BEEBEE_GT_13 23619	27.03 -0.64 0.00	25.22 -0.73 0.00	24.18 -0.72 0.00	23.31 -0.80 0.00	23.73 -0.84 0.00	25.11 -0.70 0.00	30.18 -0.97 0.00	31.52 -1.04 0.00	31.02 -1.26 0.04	31.71 -1.05 0.04	31.52 -0.94 0.00	31.96 -0.72 0.00	32.99 -0.27 0.00	34.48 0.41 0.00	35.66 0.18 0.00	36.78 0.15 0.00	40.02 0.24 0.00	42.48 0.34 0.00	42.62 0.21 0.00	40.00 0.16 0.00	36.42 -0.33 0.00	32.38 -0.73 0.00	30.38 -0.68 0.00	27.35 -0.53 0.00
BENSHRST_27_KV_BENSHRST_1 355998	29.78 2.10 -0.01	27.80 1.84 -0.01	26.63 1.72 -0.01	25.73 1.62 -0.01	26.22 1.65 -0.01	27.48 1.68 0.00	33.16 2.02 0.00	34.84 2.28 0.00	34.65 2.33 0.00	35.20 2.39 0.00	35.10 2.63 0.00	35.39 2.71 0.00	35.98 2.73 0.00	37.20 3.13 0.00	38.67 3.19 0.00	40.05 3.41 -0.01	43.41 3.62 -0.01	45.56 3.41 0.00	45.88 3.48 0.00	42.99 3.15 0.00	39.98 3.23 0.00	35.92 2.81 0.00	33.83 2.76 0.00	30.45 2.56 -0.01
BETHLEHEM___GRP 23843	28.03 0.36 0.00	26.31 0.36 0.00	25.23 0.32 0.00	24.42 0.31 0.00	24.91 0.34 0.00	26.14 0.34 0.00	31.58 0.44 0.00	33.08 0.52 0.00	32.78 0.45 0.00	33.20 0.39 0.00	32.82 0.36 0.00	33.00 0.33 0.00	33.49 0.23 0.00	34.48 0.41 0.00	35.98 0.50 0.00	37.15 0.51 0.00	40.30 0.52 0.00	42.74 0.59 0.00	43.04 0.64 0.00	40.48 0.64 0.00	37.41 0.66 0.00	33.67 0.56 0.00	31.66 0.59 0.00	28.32 0.45 0.00
BETHLEHEM___GS1 323560	28.00 0.33 0.00	26.31 0.36 0.00	25.23 0.32 0.00	24.42 0.31 0.00	24.91 0.34 0.00	26.14 0.33 0.00	31.58 0.44 0.00	33.08 0.52 0.00	32.78 0.45 0.00	33.26 0.46 0.00	32.79 0.32 0.00	33.00 0.33 0.00	33.69 0.43 0.00	34.48 0.41 0.00	35.98 0.50 0.00	37.11 0.48 0.00	40.29 0.52 0.00	42.73 0.59 0.00	43.04 0.64 0.00	40.48 0.64 0.00	37.41 0.66 0.00	33.71 0.60 0.00	31.62 0.56 0.00	28.32 0.44 0.00
BETHLEHEM___GS2 323561	28.00 0.33 0.00	26.31 0.36 0.00	25.23 0.32 0.00	24.42 0.31 0.00	24.91 0.34 0.00	26.14 0.33 0.00	31.58 0.44 0.00	33.08 0.52 0.00	32.78 0.45 0.00	33.26 0.46 0.00	32.79 0.32 0.00	33.00 0.33 0.00	33.69 0.43 0.00	34.48 0.41 0.00	35.98 0.50 0.00	37.11 0.48 0.00	40.29 0.52 0.00	42.73 0.59 0.00	43.04 0.64 0.00	40.48 0.64 0.00	37.41 0.66 0.00	33.71 0.60 0.00	31.62 0.56 0.00	28.32 0.44 0.00
BETHLEHEM___GS3 323562	28.00 0.33 0.00	26.31 0.36 0.00	25.23 0.32 0.00	24.42 0.31 0.00	24.91 0.34 0.00	26.14 0.33 0.00	31.58 0.44 0.00	33.08 0.52 0.00	32.78 0.45 0.00	33.26 0.46 0.00	32.79 0.32 0.00	33.00 0.33 0.00	33.69 0.43 0.00	34.48 0.41 0.00	35.98 0.50 0.00	37.11 0.48 0.00	40.29 0.52 0.00	42.73 0.59 0.00	43.04 0.64 0.00	40.48 0.64 0.00	37.41 0.66 0.00	33.71 0.60 0.00	31.62 0.56 0.00	28.32 0.44 0.00
BETHLEHEM___STEEL 23779	27.31 -0.36 0.00	25.35 -0.60 0.00	24.33 -0.57 0.00	23.46 -0.65 0.00	23.86 -0.71 0.00	25.31 -0.49 0.00	30.39 -0.75 0.00	31.55 -1.01 0.00	30.32 -1.97 0.04	31.39 -1.38 0.04	31.72 -0.75 0.00	32.22 -0.46 0.00	33.49 0.23 0.00	35.29 1.23 0.00	36.33 0.85 0.00	37.37 0.73 0.00	40.90 1.11 0.00	43.24 1.10 0.00	43.25 0.85 0.00	40.60 0.76 0.00	36.64 -0.11 0.00	32.45 -0.66 0.00	30.57 -0.50 0.00	27.77 -0.11 0.00
BETHLHEM_115KV_TB1 79974	28.08 0.42 0.00	26.36 0.42 0.00	25.28 0.37 0.00	24.47 0.36 0.00	24.99 0.42 0.00	26.22 0.41 0.00	31.64 0.50 0.00	33.15 0.59 0.00	32.84 0.52 0.00	33.26 0.46 0.00	32.89 0.42 0.00	33.07 0.39 0.00	33.59 0.33 0.00	34.58 0.51 0.00	36.05 0.57 0.00	37.26 0.62 0.00	40.42 0.64 0.00	42.82 0.67 0.00	43.13 0.72 0.00	40.56 0.72 0.00	37.48 0.73 0.00	33.74 0.63 0.00	31.72 0.65 0.00	28.41 0.53 0.00
BETHPAGE_CC_5 323564	35.73 1.91 -6.15	35.35 1.71 -7.69	29.63 1.60 -3.13	29.39 1.52 -3.77	29.49 1.55 -3.37	33.97 1.65 -6.51	35.02 1.99 -1.88	36.30 2.31 -1.42	36.31 2.33 -1.65	36.10 2.53 -0.77	34.80 2.34 0.00	35.64 2.55 -0.42	36.05 2.79 0.00	36.83 2.76 0.00	38.21 2.73 0.00	39.53 2.89 0.00	42.84 3.06 0.00	45.09 2.95 0.00	45.37 2.97 0.00	42.59 2.75 0.00	39.39 2.65 0.00	35.83 2.72 0.00	33.61 2.55 0.00	32.47 2.29 -2.30
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	27.45 -0.22 0.00	25.48 -0.47 0.00	24.46 -0.45 0.00	23.58 -0.53 0.00	23.98 -0.59 0.00	25.44 -0.36 0.00	30.58 -0.56 0.00	31.72 -0.85 0.00	30.38 -1.91 0.04	31.52 -1.25 0.04	31.91 -0.55 0.00	32.41 -0.26 0.00	33.69 0.43 0.00	35.50 1.43 0.00	36.58 1.10 0.00	37.59 0.95 0.00	41.18 1.39 0.00	43.54 1.39 0.00	43.51 1.10 0.00	40.84 1.00 0.00	36.86 0.11 0.00	32.61 -0.50 0.00	30.72 -0.34 0.00	27.91 0.03 0.00

BINGHAMTON___COGEN 23790	27.97 0.30 0.00	26.13 0.18 0.00	25.10 0.20 0.00	24.28 0.17 0.00	24.74 0.17 0.00	26.04 0.23 0.00	31.45 0.31 0.00	32.92 0.36 0.00	32.28 -0.03 0.01	32.86 0.07 0.01	33.17 0.19 -0.51	33.46 0.26 -0.53	34.25 0.40 -0.59	35.51 0.78 -0.66	37.03 0.78 -0.77	38.30 0.81 -0.86	41.78 0.91 -1.08	44.46 1.01 -1.31	44.75 1.02 -1.33	41.90 0.96 -1.10	38.32 0.70 -0.87	34.07 0.36 -0.59	31.67 0.34 -0.27	28.21 0.33 0.00
BIXINCNT_115KV_LOAD 355685	27.86 0.19 0.00	25.87 -0.08 0.00	24.85 -0.05 0.00	23.94 -0.17 0.00	24.40 -0.17 0.00	25.93 0.13 0.00	31.23 0.09 0.00	32.50 -0.07 0.00	30.81 -1.49 0.03	32.08 -0.69 0.03	32.60 0.13 0.00	33.07 0.39 0.00	34.35 1.10 0.00	36.18 2.11 0.00	37.29 1.81 0.00	38.32 1.69 0.00	42.05 2.27 0.00	44.42 2.28 0.00	44.36 1.95 0.00	41.68 1.83 0.00	37.52 0.77 0.00	33.11 0.00 0.00	31.19 0.12 0.00	28.32 0.45 0.00
BLACK RIVER___HYD 24047	28.31 0.64 0.00	26.55 0.60 0.00	25.43 0.52 0.00	24.54 0.43 0.00	25.03 0.47 0.00	26.45 0.65 0.00	32.20 1.06 0.00	33.73 1.17 0.00	33.17 0.84 -0.01	33.57 0.76 -0.01	34.02 0.52 -1.04	34.12 0.36 -1.09	34.93 0.47 -1.21	35.87 0.44 -1.36	37.48 0.43 -1.57	38.87 0.48 -1.76	42.58 0.56 -2.24	45.74 0.89 -2.71	46.39 1.23 -2.75	43.62 1.39 -2.38	39.92 1.29 -1.89	35.48 1.09 -1.28	32.51 0.87 -0.58	28.58 0.70 0.00
BLACKRVR_115KV_TB2 79977	28.28 0.61 0.00	26.54 0.60 0.00	25.43 0.52 0.00	24.54 0.43 0.00	25.03 0.47 0.00	26.45 0.65 0.00	32.20 1.06 0.00	33.74 1.17 0.00	33.17 0.84 -0.01	33.57 0.75 -0.01	34.02 0.52 -1.04	34.09 0.33 -1.09	34.90 0.43 -1.21	35.87 0.44 -1.36	37.48 0.43 -1.57	38.84 0.44 -1.76	42.58 0.56 -2.24	45.74 0.89 -2.71	46.39 1.23 -2.75	43.62 1.39 -2.38	39.92 1.29 -1.89	35.48 1.09 -1.28	32.51 0.87 -0.58	28.57 0.70 0.00
BLISS_WT_PWR 323608	27.86 0.20 0.00	25.90 -0.05 0.00	24.85 -0.05 0.00	23.96 -0.14 0.00	24.42 -0.15 0.00	25.96 0.16 0.00	31.27 0.13 0.00	32.56 0.00 0.00	30.84 -1.45 0.03	32.24 -0.53 0.03	32.82 0.36 0.00	33.10 0.42 0.00	35.02 1.76 0.00	36.25 2.18 0.00	37.32 1.84 0.00	38.65 2.01 0.00	42.09 2.31 0.00	44.46 2.32 0.00	44.40 1.99 0.00	41.72 1.87 0.00	37.55 0.81 0.00	33.14 0.03 0.00	31.22 0.16 0.00	28.30 0.42 0.00
BLUESTONE___WT_PWR 323821	29.50 1.83 0.00	27.58 1.64 0.00	26.40 1.49 0.00	25.51 1.40 0.00	26.04 1.47 0.00	27.48 1.68 0.00	33.35 2.21 0.00	34.91 2.35 0.00	34.06 1.74 0.01	34.66 1.87 0.01	34.67 1.78 -0.42	34.95 1.83 -0.44	35.98 2.23 -0.50	36.94 2.32 -0.55	38.57 2.45 -0.64	39.96 2.60 -0.72	43.63 2.94 -0.91	46.61 3.37 -1.10	47.12 3.60 -1.11	44.32 3.54 -0.93	40.61 3.12 -0.74	36.13 2.52 -0.50	33.50 2.21 -0.23	29.77 1.90 0.00
BLUE_CIRC_CHEM_DRP 24182	28.47 0.80 0.00	26.75 0.80 0.00	25.65 0.75 0.00	24.83 0.72 0.00	25.33 0.76 0.00	26.55 0.75 0.00	32.04 0.90 0.00	33.51 0.94 0.00	33.17 0.84 0.00	33.53 0.72 0.00	33.11 0.65 0.00	33.26 0.59 0.00	33.75 0.50 0.00	34.78 0.72 0.00	36.30 0.82 0.00	37.52 0.88 0.00	40.77 0.99 0.00	43.33 1.18 0.00	43.68 1.27 0.00	41.04 1.20 0.00	37.92 1.18 0.00	34.14 1.03 0.00	32.09 1.03 0.00	28.74 0.86 0.00
BOC_GAS_DRP 24189	28.22 0.55 0.00	26.49 0.54 0.00	25.40 0.50 0.00	24.61 0.51 0.00	25.08 0.52 0.00	26.32 0.52 0.00	31.73 0.59 0.00	33.28 0.72 0.00	32.97 0.65 0.00	33.43 0.62 0.00	33.08 0.62 0.00	33.26 0.59 0.00	33.82 0.57 0.00	34.78 0.72 0.00	36.26 0.78 0.00	37.48 0.84 0.00	40.65 0.88 0.00	43.03 0.89 0.00	43.34 0.93 0.00	40.76 0.92 0.00	37.67 0.92 0.00	33.91 0.79 0.00	31.84 0.78 0.00	28.55 0.67 0.00
BOONVILLE_115KV_TB1 79983	28.42 0.75 0.00	26.65 0.70 0.00	25.53 0.62 0.00	24.69 0.58 0.00	25.18 0.61 0.00	26.53 0.72 0.00	32.14 1.00 0.00	33.64 1.07 0.00	33.17 0.84 0.00	33.62 0.82 0.00	33.51 0.71 -0.33	33.70 0.69 -0.34	34.37 0.73 -0.38	35.31 0.82 -0.43	36.83 0.85 -0.50	38.03 0.84 -0.55	41.48 0.99 -0.71	44.18 1.18 -0.85	44.63 1.36 -0.87	41.98 1.39 -0.74	38.62 1.29 -0.59	34.60 1.09 -0.40	32.18 0.93 -0.18	28.66 0.78 0.00
BORALEX_4TH_BRANCH 23824	28.97 1.30 0.00	27.25 1.30 0.00	26.12 1.22 0.00	25.29 1.18 0.00	25.80 1.23 0.00	27.12 1.32 0.00	32.57 1.43 0.00	34.26 1.69 0.00	33.91 1.58 0.00	34.35 1.54 0.00	33.93 1.46 0.00	34.08 1.40 0.00	34.52 1.26 0.00	35.60 1.53 0.00	37.18 1.70 0.00	38.36 1.72 0.00	41.61 1.83 0.00	44.04 1.90 0.00	44.40 1.99 0.00	41.80 1.95 0.00	38.58 1.84 0.00	34.77 1.66 0.00	32.74 1.68 0.00	29.27 1.39 0.00
BOWLINE___1 23526	28.89 1.22 0.00	26.99 1.04 0.00	25.87 0.97 0.00	25.02 0.92 0.00	25.50 0.93 0.00	26.81 1.01 0.00	32.39 1.25 0.00	33.99 1.43 0.00	33.78 1.46 0.00	34.44 1.64 0.00	34.06 1.59 0.00	34.27 1.60 0.00	35.12 1.86 0.00	35.94 1.87 0.00	37.43 1.95 0.00	38.73 2.09 0.00	42.00 2.23 0.00	44.29 2.15 0.00	44.61 2.20 0.00	41.84 1.99 0.00	38.80 2.06 0.00	34.93 1.82 0.00	32.77 1.71 0.00	29.41 1.53 0.00
BOWLINE___2 23595	28.89 1.22 0.00	26.99 1.04 0.00	25.87 0.97 0.00	25.02 0.92 0.00	25.50 0.93 0.00	26.81 1.01 0.00	32.39 1.25 0.00	33.99 1.43 0.00	33.78 1.46 0.00	34.44 1.64 0.00	34.06 1.59 0.00	34.27 1.60 0.00	35.12 1.86 0.00	35.94 1.87 0.00	37.43 1.95 0.00	38.73 2.09 0.00	42.00 2.23 0.00	44.29 2.15 0.00	44.61 2.20 0.00	41.84 1.99 0.00	38.80 2.06 0.00	34.93 1.82 0.00	32.77 1.71 0.00	29.41 1.53 0.00
BRADY___115KV_TB2 356060	27.75 0.08 0.00	26.18 0.23 0.00	25.13 0.22 0.00	24.30 0.19 0.00	24.74 0.17 0.00	26.06 0.26 0.00	31.51 0.37 0.00	32.92 0.36 0.00	32.78 0.45 0.00	33.23 0.43 0.00	32.76 0.29 0.00	32.84 0.16 0.00	33.35 0.10 0.00	33.83 -0.24 0.00	35.20 -0.28 0.00	36.31 -0.33 0.00	39.50 -0.28 0.00	41.93 -0.21 0.00	42.19 -0.21 0.00	39.68 -0.16 0.00	36.71 -0.04 0.00	33.38 0.26 0.00	31.25 0.19 0.00	27.99 0.11 0.00
BRANSCOMB___SOLAR 323811	29.22 1.55 0.00	27.48 1.53 0.00	26.30 1.39 0.00	25.46 1.35 0.00	25.94 1.37 0.00	27.27 1.47 0.00	32.91 1.77 0.00	34.45 1.89 0.00	34.14 1.81 0.00	34.54 1.74 0.00	34.02 1.56 0.00	34.21 1.54 0.00	34.98 1.73 0.00	35.80 1.74 0.00	37.36 1.88 0.00	38.58 1.94 0.00	41.97 2.19 0.00	44.67 2.53 0.00	45.04 2.63 0.00	42.36 2.51 0.00	39.10 2.35 0.00	35.20 2.09 0.00	32.96 1.90 0.00	29.52 1.64 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	35.76 1.94 -6.15	35.33 1.69 -7.69	29.63 1.59 -3.13	29.34 1.47 -3.77	29.46 1.52 -3.37	33.95 1.63 -6.51	34.86 1.84 -1.88	36.20 2.21 -1.42	36.21 2.23 -1.65	35.80 2.23 -0.77	34.84 2.37 0.00	35.61 2.52 -0.42	35.55 2.29 0.00	36.89 2.83 0.00	38.25 2.77 0.00	39.86 3.22 0.00	43.12 3.34 0.00	45.39 3.25 0.00	45.67 3.27 0.00	42.87 3.03 0.00	39.43 2.68 0.00	35.83 2.72 0.00	33.27 2.21 0.00	32.38 2.20 -2.30

BRISTLHL_115KV_TB1 79998	27.31 -0.36 0.00	25.58 -0.36 0.00	24.56 -0.35 0.00	23.75 -0.36 0.00	24.20 -0.37 0.00	25.44 -0.36 0.00	30.77 -0.37 0.00	32.11 -0.46 0.00	31.68 -0.68 -0.03	32.18 -0.66 -0.03	34.02 -0.68 -2.24	34.36 -0.65 -2.34	35.31 -0.57 -2.62	36.65 -0.34 -2.93	38.52 -0.35 -3.39	40.07 -0.37 -3.80	44.18 -0.44 -4.84	47.66 -0.34 -5.85	47.96 -0.38 -5.93	44.67 -0.32 -5.14	40.41 -0.40 -4.07	35.35 -0.53 -2.76	31.82 -0.50 -1.25	27.43 -0.45 0.00
BROOKHAVEN___DRP 24191	35.32 1.49 -6.15	34.81 1.17 -7.69	29.18 1.15 -3.13	28.86 0.99 -3.77	28.92 0.98 -3.37	33.43 1.11 -6.51	33.80 0.78 -1.88	35.25 1.27 -1.42	35.34 1.36 -1.65	34.72 1.15 -0.77	34.38 1.92 0.00	35.18 2.09 -0.42	34.98 1.73 0.00	36.55 2.49 0.00	37.82 2.34 0.00	39.64 3.00 0.00	42.96 3.18 0.00	45.31 3.16 0.00	45.59 3.18 0.00	42.71 2.87 0.00	38.84 2.09 0.00	35.53 2.42 0.00	32.37 1.30 0.00	31.83 1.64 -2.30
BROOKLYN_NAVY_YARD 23515	29.39 1.72 0.00	27.43 1.48 0.00	26.27 1.37 0.00	25.38 1.28 0.00	25.87 1.30 0.00	27.20 1.39 0.00	32.88 1.74 0.00	34.62 2.05 0.00	34.49 2.17 0.00	35.17 2.36 0.00	34.77 2.31 0.00	35.06 2.38 0.00	35.92 2.66 0.00	36.76 2.69 0.00	38.25 2.77 0.00	39.53 2.89 0.00	42.84 3.06 0.00	45.05 2.91 0.00	45.37 2.97 0.00	42.56 2.71 0.00	39.61 2.87 0.00	35.59 2.48 0.00	33.49 2.42 0.00	30.05 2.18 0.00
BROOKLYN___ARMY_DRP 323595	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.63 1.52 -0.01	26.12 1.55 -0.01	27.40 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.52 2.20 0.00	35.04 2.23 0.00	34.93 2.47 0.00	35.22 2.55 0.00	35.82 2.56 0.00	37.00 2.93 0.00	38.50 3.02 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.80 3.05 0.00	35.76 2.65 0.00	33.71 2.64 0.00	30.31 2.43 -0.01
BROOKVLE_69_KV_TB1 55790	36.04 2.21 -6.15	35.61 1.97 -7.69	29.85 1.82 -3.13	29.63 1.76 -3.77	29.71 1.77 -3.37	34.23 1.91 -6.51	35.36 2.34 -1.88	36.62 2.64 -1.42	36.69 2.72 -1.65	36.33 2.76 -0.77	35.35 2.89 0.00	36.13 3.04 -0.42	36.18 2.93 0.00	37.41 3.34 0.00	38.81 3.34 0.00	40.27 3.63 0.00	43.32 3.54 0.00	45.56 3.41 0.00	45.84 3.43 0.00	43.07 3.23 0.00	40.02 3.27 0.00	36.22 3.11 0.00	33.83 2.76 0.00	32.75 2.56 -2.30
BROOME_2_LFGE 323671	27.97 0.30 0.00	26.13 0.18 0.00	25.10 0.20 0.00	24.28 0.17 0.00	24.74 0.17 0.00	26.04 0.23 0.00	31.45 0.31 0.00	32.92 0.36 0.00	32.28 -0.03 0.01	32.93 0.13 0.01	33.20 0.23 -0.51	33.46 0.26 -0.53	34.51 0.66 -0.59	35.51 0.78 -0.66	37.03 0.78 -0.77	38.34 0.84 -0.86	41.78 0.92 -1.08	44.46 1.01 -1.31	44.75 1.02 -1.33	41.90 0.95 -1.10	38.32 0.70 -0.87	34.10 0.40 -0.59	31.68 0.34 -0.27	28.21 0.34 0.00
BROOME___LFGE 323600	27.97 0.30 0.00	26.13 0.18 0.00	25.10 0.20 0.00	24.28 0.17 0.00	24.74 0.17 0.00	26.04 0.23 0.00	31.45 0.31 0.00	32.92 0.36 0.00	32.28 -0.03 0.01	32.93 0.13 0.01	33.20 0.23 -0.51	33.46 0.26 -0.53	34.51 0.66 -0.59	35.51 0.78 -0.66	37.03 0.78 -0.77	38.34 0.84 -0.86	41.78 0.92 -1.08	44.46 1.01 -1.31	44.75 1.02 -1.33	41.90 0.95 -1.10	38.32 0.70 -0.87	34.10 0.40 -0.59	31.68 0.34 -0.27	28.21 0.34 0.00
BROWNFLS_115KV_TB_3_5 80003	27.75 0.08 0.00	26.13 0.18 0.00	25.05 0.15 0.00	24.20 0.10 0.00	24.67 0.10 0.00	26.01 0.21 0.00	31.55 0.40 0.00	33.02 0.46 0.00	32.71 0.39 0.00	33.13 0.33 0.00	33.07 0.16 -0.44	33.07 -0.07 -0.46	33.70 -0.07 -0.51	34.40 -0.24 -0.57	35.86 -0.28 -0.67	37.09 -0.29 -0.74	40.45 -0.28 -0.95	43.12 -0.17 -1.15	43.49 -0.08 -1.16	40.97 0.12 -1.01	37.76 0.22 -0.80	34.12 0.46 -0.54	31.68 0.37 -0.24	28.13 0.25 0.00
BROWNSV1_27_KV_LOAD 356125	29.58 1.91 0.00	27.61 1.66 0.00	26.45 1.54 0.00	25.55 1.45 0.00	26.04 1.47 0.00	27.40 1.60 0.00	33.13 1.99 0.00	34.84 2.28 0.00	34.72 2.39 0.00	35.20 2.39 0.00	35.06 2.60 0.00	35.32 2.65 0.00	35.88 2.63 0.00	37.07 3.00 0.00	38.57 3.09 0.00	39.90 3.26 0.00	43.20 3.42 0.00	45.43 3.29 0.00	45.76 3.35 0.00	42.91 3.07 0.00	39.94 3.20 0.00	35.83 2.72 0.00	33.71 2.64 0.00	30.28 2.40 0.00
BURROWS___LYONSDAL 23803	28.39 0.72 0.00	26.60 0.65 0.00	25.50 0.60 0.00	24.64 0.53 0.00	25.13 0.57 0.00	26.50 0.70 0.00	32.11 0.97 0.00	33.61 1.04 0.00	33.13 0.81 0.00	33.59 0.79 0.00	33.50 0.65 -0.39	33.67 0.59 -0.40	34.34 0.63 -0.45	35.25 0.68 -0.51	36.77 0.71 -0.59	38.03 0.73 -0.65	41.49 0.88 -0.84	44.21 1.05 -1.01	44.70 1.27 -1.02	42.04 1.31 -0.88	38.69 1.25 -0.70	34.64 1.06 -0.47	32.15 0.87 -0.21	28.60 0.72 0.00
CAITHNESS_CC_1 323624	35.34 1.52 -6.15	34.84 1.19 -7.69	29.20 1.17 -3.13	28.89 1.01 -3.77	29.00 1.06 -3.37	33.45 1.13 -6.51	33.86 0.84 -1.88	35.29 1.30 -1.42	35.37 1.39 -1.65	34.92 1.35 -0.77	34.35 1.88 0.00	35.47 2.38 -0.42	35.72 2.46 0.00	36.59 2.52 0.00	38.00 2.52 0.00	39.28 2.64 0.00	42.96 3.18 0.00	45.31 3.16 0.00	45.59 3.18 0.00	42.67 2.83 0.00	38.80 2.06 0.00	35.69 2.58 0.00	33.27 2.21 0.00	31.86 1.67 -2.30
CALPINE BETH_PAGE_GT4 24209	35.76 1.94 -6.15	35.35 1.71 -7.69	29.65 1.62 -3.13	29.39 1.52 -3.77	29.51 1.57 -3.37	34.00 1.68 -6.51	35.05 2.02 -1.88	36.30 2.31 -1.42	36.34 2.36 -1.65	35.97 2.39 -0.77	34.90 2.43 0.00	35.67 2.58 -0.42	35.68 2.43 0.00	36.89 2.83 0.00	38.28 2.80 0.00	39.75 3.11 0.00	42.92 3.14 0.00	45.18 3.03 0.00	45.46 3.05 0.00	42.67 2.83 0.00	39.54 2.79 0.00	35.83 2.72 0.00	33.52 2.45 0.00	32.50 2.31 -2.30
CALPINE_BETH_PAGE_GT_4 323586	35.76 1.94 -6.15	35.35 1.71 -7.69	29.65 1.62 -3.13	29.39 1.52 -3.77	29.51 1.57 -3.37	34.00 1.68 -6.51	35.04 2.02 -1.88	36.30 2.31 -1.42	36.34 2.36 -1.65	36.13 2.56 -0.77	34.87 2.40 0.00	35.67 2.58 -0.42	36.08 2.83 0.00	36.89 2.83 0.00	38.28 2.80 0.00	39.60 2.97 0.00	42.92 3.14 0.00	45.18 3.04 0.00	45.46 3.05 0.00	42.67 2.83 0.00	39.47 2.72 0.00	35.86 2.75 0.00	33.64 2.58 0.00	32.50 2.31 -2.30
CALPINE_BP_GT1 23823	35.76 1.94 -6.15	35.35 1.71 -7.69	29.65 1.62 -3.13	29.39 1.52 -3.77	29.51 1.57 -3.37	34.00 1.68 -6.51	35.04 2.02 -1.88	36.30 2.31 -1.42	36.34 2.36 -1.65	36.13 2.56 -0.77	34.87 2.40 0.00	35.67 2.58 -0.42	36.08 2.83 0.00	36.89 2.83 0.00	38.28 2.80 0.00	39.60 2.97 0.00	42.92 3.14 0.00	45.18 3.04 0.00	45.46 3.05 0.00	42.67 2.83 0.00	39.47 2.72 0.00	35.86 2.75 0.00	33.64 2.58 0.00	32.50 2.31 -2.30
CALSPAN___DRP 24200	27.31 -0.36 0.00	25.35 -0.60 0.00	24.33 -0.57 0.00	23.46 -0.65 0.00	23.86 -0.71 0.00	25.31 -0.49 0.00	30.39 -0.75 0.00	31.55 -1.01 0.00	30.32 -1.97 0.04	31.39 -1.38 0.04	31.72 -0.75 0.00	32.22 -0.46 0.00	33.49 0.23 0.00	35.29 1.23 0.00	36.33 0.85 0.00	37.37 0.73 0.00	40.90 1.11 0.00	43.24 1.10 0.00	43.25 0.85 0.00	40.60 0.76 0.00	36.64 -0.11 0.00	32.45 -0.66 0.00	30.57 -0.50 0.00	27.77 -0.11 0.00

CALVERTON___SOLAR 323806	35.29 1.47 -6.15	34.78 1.14 -7.69	29.15 1.12 -3.13	28.84 0.97 -3.77	28.95 1.01 -3.37	33.40 1.08 -6.51	33.77 0.75 -1.88	35.22 1.24 -1.42	35.30 1.33 -1.65	34.85 1.28 -0.77	34.35 1.88 0.00	35.47 2.38 -0.42	35.72 2.46 0.00	36.59 2.52 0.00	38.00 2.52 0.00	39.28 2.64 0.00	43.00 3.22 0.00	45.39 3.25 0.00	45.67 3.27 0.00	42.75 2.91 0.00	38.80 2.06 0.00	35.73 2.62 0.00	33.24 2.17 0.00	31.80 1.62 -2.30
CANDIGU_WT_PWR 323617	27.81 0.14 0.00	25.87 -0.08 0.00	24.83 -0.07 0.00	23.94 -0.17 0.00	24.40 -0.17 0.00	25.83 0.03 0.00	31.17 0.03 0.00	32.53 -0.03 0.00	31.39 -0.90 0.03	32.32 -0.46 0.03	32.71 0.00 -0.24	32.99 0.07 -0.25	34.60 1.06 -0.28	35.78 1.40 -0.31	37.05 1.21 -0.36	38.44 1.39 -0.41	41.68 1.43 -0.48	44.32 1.60 -0.57	44.43 1.44 -0.58	41.41 0.95 -0.61	37.70 0.48 -0.48	33.37 -0.07 -0.33	31.18 -0.03 -0.15	27.96 0.08 0.00
CARR STREET_E_SYR 24060	27.45 -0.22 0.00	25.69 -0.26 0.00	24.65 -0.25 0.00	23.84 -0.26 0.00	24.30 -0.27 0.00	25.57 -0.23 0.00	30.89 -0.25 0.00	32.27 -0.29 0.00	31.79 -0.52 0.02	32.33 -0.46 0.02	32.68 -0.49 -0.70	32.98 -0.43 -0.73	33.90 -0.17 -0.81	34.91 -0.07 -0.91	36.43 -0.11 -1.05	37.74 -0.07 -1.18	41.12 -0.16 -1.50	43.88 -0.08 -1.82	44.12 -0.13 -1.84	41.33 -0.08 -1.57	37.80 -0.18 -1.24	33.59 -0.36 -0.84	31.10 -0.34 -0.38	27.57 -0.31 0.00
CARTHAGE___PAPER 23857	28.14 0.47 0.00	26.42 0.47 0.00	25.30 0.40 0.00	24.44 0.34 0.00	24.94 0.37 0.00	26.35 0.54 0.00	32.04 0.90 0.00	33.54 0.98 0.00	33.07 0.74 0.00	33.43 0.62 0.00	33.77 0.42 -0.88	33.82 0.23 -0.92	34.55 0.26 -1.03	35.46 0.24 -1.15	37.03 0.21 -1.33	38.39 0.26 -1.49	42.04 0.36 -1.90	45.08 0.63 -2.30	45.67 0.93 -2.33	42.94 1.08 -2.02	39.41 1.07 -1.60	35.12 0.93 -1.09	32.30 0.74 -0.49	28.46 0.59 0.00
CASSADAGA_WT_PWR 323784	28.22 0.55 0.00	26.13 0.18 0.00	25.13 0.22 0.00	24.23 0.12 0.00	24.64 0.07 0.00	26.24 0.44 0.00	31.67 0.53 0.00	33.08 0.52 0.00	31.55 -0.74 0.03	32.80 0.03 0.03	33.41 0.94 0.00	33.69 1.01 0.00	35.65 2.40 0.00	36.96 2.89 0.00	38.04 2.56 0.00	39.39 2.75 0.00	42.89 3.10 0.00	45.31 3.16 0.00	45.33 2.92 0.00	42.47 2.63 0.00	38.29 1.54 0.00	33.87 0.76 0.00	31.75 0.68 0.00	28.69 0.81 0.00
CE_DUNWOOD___DRP 24194	29.16 1.49 0.00	27.27 1.32 0.00	26.12 1.22 0.00	25.26 1.16 0.00	25.75 1.18 0.00	27.07 1.26 0.00	32.70 1.56 0.00	34.35 1.79 0.00	34.20 1.87 0.00	34.67 1.87 0.00	34.48 2.01 0.00	34.70 2.03 0.00	35.25 2.00 0.00	36.35 2.28 0.00	37.86 2.38 0.00	39.17 2.53 0.00	42.44 2.67 0.00	44.72 2.57 0.00	44.99 2.59 0.00	42.23 2.39 0.00	39.25 2.50 0.00	35.26 2.15 0.00	33.12 2.05 0.00	29.72 1.84 0.00
CE_MILLWOOD___DRP 24193	29.05 1.38 0.00	27.17 1.22 0.00	26.02 1.12 0.00	25.17 1.06 0.00	25.65 1.08 0.00	26.97 1.16 0.00	32.54 1.40 0.00	34.22 1.66 0.00	34.01 1.68 0.00	34.51 1.71 0.00	34.28 1.82 0.00	34.50 1.83 0.00	35.05 1.80 0.00	36.18 2.11 0.00	37.68 2.20 0.00	38.98 2.34 0.00	42.24 2.47 0.00	44.51 2.36 0.00	44.82 2.42 0.00	42.08 2.23 0.00	39.06 2.32 0.00	35.10 1.99 0.00	32.96 1.89 0.00	29.58 1.70 0.00
CE_NYC2_DRP 24202	29.50 1.83 -0.01	27.56 1.61 -0.01	26.41 1.49 -0.01	25.51 1.40 -0.01	26.00 1.42 -0.01	27.30 1.50 0.00	32.92 1.78 0.00	34.65 2.08 0.00	34.46 2.13 0.00	34.97 2.17 0.00	34.87 2.40 0.00	35.12 2.45 0.00	35.72 2.46 0.00	36.86 2.79 0.00	38.35 2.87 0.00	39.72 3.08 -0.01	43.01 3.22 -0.01	45.14 2.99 0.00	45.46 3.05 0.00	42.63 2.79 0.00	39.69 2.94 0.00	35.63 2.52 0.00	33.52 2.45 0.00	30.14 2.26 -0.01
CE_NYC_DRP 24195	29.39 1.72 0.00	27.45 1.50 0.00	26.30 1.39 0.00	25.41 1.30 0.00	25.89 1.33 0.00	27.25 1.45 0.00	32.92 1.78 0.00	34.62 2.05 0.00	34.46 2.13 0.00	34.97 2.17 0.00	34.80 2.34 0.00	35.06 2.39 0.00	35.62 2.36 0.00	36.76 2.69 0.00	38.25 2.77 0.00	39.57 2.93 0.00	42.84 3.06 0.00	45.05 2.91 0.00	45.37 2.97 0.00	42.55 2.71 0.00	39.65 2.90 0.00	35.59 2.48 0.00	33.46 2.39 0.00	30.05 2.17 0.00
CHAFFEE___LFGE 323603	27.39 -0.28 0.00	25.40 -0.55 0.00	24.38 -0.52 0.00	23.51 -0.60 0.00	23.91 -0.66 0.00	25.37 -0.44 0.00	30.49 -0.66 0.00	31.69 -0.88 0.00	30.38 -1.91 0.03	31.56 -1.21 0.03	32.08 -0.39 0.00	32.35 -0.33 0.00	34.25 1.00 0.00	35.46 1.40 0.00	36.51 1.03 0.00	37.81 1.17 0.00	41.14 1.35 0.00	43.49 1.35 0.00	43.51 1.10 0.00	40.84 1.00 0.00	36.89 0.15 0.00	32.61 -0.50 0.00	30.72 -0.34 0.00	27.85 -0.03 0.00
CHATEAUG_35_KV_LOAD 355732	27.89 0.22 0.00	26.36 0.42 0.00	25.33 0.42 0.00	24.49 0.39 0.00	24.94 0.37 0.00	26.24 0.44 0.00	31.73 0.59 0.00	33.15 0.59 0.00	33.07 0.74 0.00	33.59 0.79 0.00	33.18 0.71 0.00	33.26 0.59 0.00	33.79 0.53 0.00	34.31 0.24 0.00	35.66 0.18 0.00	36.75 0.11 0.00	40.14 0.36 0.00	42.52 0.38 0.00	42.58 0.17 0.00	39.80 -0.04 0.00	36.71 -0.04 0.00	33.24 0.13 0.00	31.10 0.03 0.00	27.82 -0.06 0.00
CHATEAUG_WT_PWR 323614	28.39 0.72 0.00	26.86 0.91 0.00	25.80 0.90 0.00	24.95 0.84 0.00	25.40 0.84 0.00	26.76 0.96 0.00	32.39 1.25 0.00	33.83 1.27 0.00	33.65 1.33 0.00	34.15 1.35 0.00	33.86 1.40 0.00	33.88 1.21 0.00	34.09 0.83 0.00	34.95 0.88 0.00	36.33 0.85 0.00	37.41 0.77 0.00	40.97 1.19 0.00	43.45 1.31 0.00	43.47 1.06 0.00	40.60 0.76 0.00	37.33 0.59 0.00	33.71 0.60 0.00	31.47 0.40 0.00	28.10 0.22 0.00
CHAT_HIGH_FALL_HYD 323578	27.89 0.22 0.00	26.36 0.42 0.00	25.33 0.42 0.00	24.49 0.39 0.00	24.94 0.37 0.00	26.24 0.44 0.00	31.73 0.59 0.00	33.15 0.59 0.00	33.07 0.74 0.00	33.59 0.79 0.00	33.18 0.71 0.00	33.26 0.59 0.00	33.79 0.53 0.00	34.31 0.24 0.00	35.66 0.18 0.00	36.75 0.11 0.00	40.14 0.36 0.00	42.52 0.38 0.00	42.58 0.17 0.00	39.80 -0.04 0.00	36.71 -0.04 0.00	33.24 0.13 0.00	31.10 0.03 0.00	27.82 -0.06 0.00
CHAUTAUQUA___LFGE 323629	27.78 0.11 0.00	25.74 -0.21 0.00	24.73 -0.17 0.00	23.84 -0.26 0.00	24.25 -0.32 0.00	25.78 -0.03 0.00	31.05 -0.09 0.00	32.37 -0.19 0.00	31.03 -1.26 0.03	32.18 -0.59 0.03	32.69 0.23 0.00	32.97 0.29 0.00	34.92 1.66 0.00	36.18 2.11 0.00	37.22 1.74 0.00	38.54 1.90 0.00	41.97 2.19 0.00	44.38 2.23 0.00	44.40 1.99 0.00	41.64 1.79 0.00	37.59 0.85 0.00	33.24 0.13 0.00	31.22 0.16 0.00	28.24 0.36 0.00
CHERRYST_13_KV_LD 356241	29.47 1.80 0.00	27.53 1.58 0.00	26.35 1.44 0.00	25.48 1.37 0.00	25.97 1.40 0.00	27.30 1.50 0.00	33.01 1.87 0.00	34.71 2.15 0.00	34.59 2.26 0.00	35.07 2.26 0.00	34.93 2.47 0.00	35.19 2.52 0.00	35.75 2.49 0.00	36.89 2.83 0.00	38.39 2.91 0.00	39.72 3.08 0.00	43.00 3.22 0.00	45.22 3.08 0.00	45.50 3.10 0.00	42.71 2.87 0.00	39.76 3.01 0.00	35.69 2.58 0.00	33.55 2.49 0.00	30.14 2.26 0.00

CHESTROR_138KV_BK263 355645	28.75 1.08 0.00	26.88 0.93 0.00	25.78 0.87 0.00	24.93 0.82 0.00	25.40 0.84 0.00	26.71 0.90 0.00	32.20 1.06 0.00	33.80 1.24 0.00	33.55 1.23 0.00	34.05 1.25 0.00	33.80 1.33 0.00	33.98 1.31 0.00	34.55 1.30 0.00	35.63 1.57 0.00	37.15 1.67 0.00	38.40 1.76 0.00	41.69 1.91 0.00	43.96 1.81 0.00	44.27 1.87 0.00	41.60 1.75 0.00	38.55 1.80 0.00	34.60 1.49 0.00	32.53 1.46 0.00	29.22 1.34 0.00
CH_MIDHUDSON___DRP 24192	29.00 1.33 0.00	27.12 1.17 0.00	26.00 1.10 0.00	25.17 1.06 0.00	25.65 1.08 0.00	26.94 1.14 0.00	32.48 1.34 0.00	34.09 1.53 0.00	33.88 1.55 0.00	34.35 1.54 0.00	34.09 1.62 0.00	34.27 1.60 0.00	34.85 1.60 0.00	35.94 1.87 0.00	37.47 1.99 0.00	38.76 2.12 0.00	42.01 2.23 0.00	44.29 2.15 0.00	44.61 2.21 0.00	41.92 2.07 0.00	38.84 2.09 0.00	34.90 1.79 0.00	32.84 1.77 0.00	29.47 1.59 0.00
CH_MISC_IPPS 23765	29.14 1.47 0.00	27.24 1.30 0.00	26.12 1.22 0.00	25.24 1.13 0.00	25.72 1.15 0.00	27.04 1.24 0.00	32.60 1.46 0.00	34.19 1.63 0.00	34.01 1.68 0.00	34.57 1.77 0.00	34.15 1.69 0.00	34.37 1.70 0.00	35.25 2.00 0.00	36.08 2.01 0.00	37.64 2.16 0.00	38.91 2.27 0.00	42.21 2.43 0.00	44.50 2.36 0.00	44.82 2.42 0.00	42.07 2.23 0.00	39.03 2.28 0.00	35.10 1.99 0.00	32.99 1.93 0.00	29.61 1.73 0.00
CH_RES_BVR_FALLS 23983	27.37 -0.30 0.00	25.77 -0.18 0.00	24.76 -0.15 0.00	23.96 -0.14 0.00	24.40 -0.17 0.00	25.63 -0.18 0.00	30.92 -0.22 0.00	32.34 -0.23 0.00	32.20 -0.13 0.00	32.64 -0.16 0.00	32.34 -0.13 0.00	32.51 -0.16 0.00	32.86 -0.40 0.00	33.66 -0.41 0.00	35.06 -0.42 0.00	36.16 -0.48 0.00	39.30 -0.48 0.00	41.64 -0.50 0.00	41.85 -0.55 0.00	39.25 -0.60 0.00	36.16 -0.59 0.00	32.61 -0.50 0.00	30.51 -0.56 0.00	27.29 -0.59 0.00
CH_RES_NIAGARA 23895	26.20 -1.47 0.00	24.39 -1.56 0.00	23.43 -1.47 0.00	22.56 -1.54 0.00	22.95 -1.62 0.00	24.31 -1.50 0.00	28.99 -2.15 0.00	29.99 -2.57 0.00	29.28 -3.01 0.04	30.11 -2.66 0.04	30.23 -2.24 0.00	30.71 -1.96 0.00	31.96 -1.30 0.00	33.66 -0.41 0.00	34.63 -0.85 0.00	35.58 -1.06 0.00	38.86 -0.91 0.00	41.09 -1.05 0.00	41.09 -1.31 0.00	38.61 -1.24 0.00	34.91 -1.84 0.00	30.89 -2.22 0.00	29.20 -1.86 0.00	26.57 -1.31 0.00
CH_RES_SYRACUSE 23985	27.56 -0.11 0.00	25.82 -0.13 0.00	24.76 -0.15 0.00	23.94 -0.17 0.00	24.40 -0.17 0.00	25.68 -0.13 0.00	31.05 -0.09 0.00	32.43 -0.13 0.00	31.94 -0.39 0.00	32.48 -0.33 0.00	33.37 -0.36 -1.26	33.70 -0.29 -1.32	34.70 -0.03 -1.47	35.78 0.07 -1.65	37.46 0.07 -1.91	38.89 0.11 -2.14	42.50 0.00 -2.72	45.56 0.13 -3.29	45.87 0.13 -3.34	42.85 0.12 -2.89	39.03 0.00 -2.29	34.50 -0.16 -1.55	31.58 -0.19 -0.70	27.71 -0.17 0.00
CLINTON_WT_PWR 323605	28.39 0.72 0.00	26.86 0.91 0.00	25.80 0.90 0.00	24.95 0.84 0.00	25.40 0.84 0.00	26.76 0.96 0.00	32.39 1.25 0.00	33.83 1.27 0.00	33.65 1.33 0.00	34.15 1.35 0.00	33.86 1.40 0.00	33.88 1.21 0.00	34.09 0.83 0.00	34.95 0.88 0.00	36.33 0.85 0.00	37.41 0.77 0.00	40.97 1.19 0.00	43.45 1.31 0.00	43.47 1.06 0.00	40.60 0.76 0.00	37.33 0.59 0.00	33.71 0.60 0.00	31.47 0.40 0.00	28.10 0.22 0.00
CLINTON___LFGE 323618	28.44 0.77 0.00	26.91 0.96 0.00	25.85 0.95 0.00	25.00 0.89 0.00	25.45 0.88 0.00	26.81 1.01 0.00	32.48 1.34 0.00	33.93 1.37 0.00	33.78 1.46 0.00	34.25 1.44 0.00	33.96 1.49 0.00	33.98 1.31 0.00	34.18 0.93 0.00	35.12 1.06 0.00	36.51 1.03 0.00	37.63 0.99 0.00	41.21 1.43 0.00	43.71 1.56 0.00	43.72 1.32 0.00	40.80 0.95 0.00	37.55 0.81 0.00	33.90 0.79 0.00	31.69 0.62 0.00	28.32 0.44 0.00
COBBLENY_34_KV_TB1 80064	27.37 -0.30 0.00	25.40 -0.54 0.00	24.38 -0.52 0.00	23.50 -0.60 0.00	23.90 -0.66 0.00	25.37 -0.44 0.00	30.49 -0.65 0.00	31.68 -0.88 0.00	30.38 -1.91 0.03	31.46 -1.31 0.03	31.85 -0.62 0.00	32.35 -0.33 0.00	33.62 0.37 0.00	35.43 1.36 0.00	36.51 1.03 0.00	37.52 0.88 0.00	41.14 1.35 0.00	43.49 1.35 0.00	43.51 1.10 0.00	40.84 1.00 0.00	36.86 0.11 0.00	32.58 -0.53 0.00	30.66 -0.40 0.00	27.85 -0.03 0.00
COFFEEN___115KV_TB3 355620	28.50 0.83 0.00	26.70 0.75 0.00	25.58 0.67 0.00	24.71 0.60 0.00	25.18 0.61 0.00	26.63 0.83 0.00	32.42 1.28 0.00	33.96 1.40 0.00	33.34 1.00 -0.01	33.73 0.92 -0.01	34.18 0.65 -1.07	34.28 0.49 -1.11	35.10 0.60 -1.24	36.07 0.61 -1.39	37.70 0.60 -1.61	39.10 0.66 -1.81	42.92 0.84 -2.30	46.15 1.22 -2.79	46.84 1.61 -2.82	44.08 1.79 -2.45	40.30 1.62 -1.94	35.82 1.39 -1.32	32.78 1.12 -0.59	28.77 0.89 0.00
COLDSPRG_115KV_BK1 355956	28.53 0.86 0.00	26.42 0.47 0.00	25.40 0.50 0.00	24.49 0.39 0.00	24.91 0.34 0.00	26.53 0.72 0.00	32.04 0.90 0.00	33.48 0.91 0.00	31.65 -0.65 0.03	32.97 0.20 0.03	33.57 1.10 0.00	34.05 1.37 0.00	35.35 2.10 0.00	37.30 3.24 0.00	38.42 2.94 0.00	39.50 2.86 0.00	43.40 3.62 0.00	45.85 3.71 0.00	45.84 3.43 0.00	42.99 3.15 0.00	38.73 1.98 0.00	34.24 1.13 0.00	32.09 1.03 0.00	29.05 1.17 0.00
COLONIE_LFGE___ 323577	28.78 1.11 0.00	27.04 1.09 0.00	25.93 1.02 0.00	25.10 0.99 0.00	25.58 1.01 0.00	26.86 1.06 0.00	32.39 1.25 0.00	33.96 1.40 0.00	33.65 1.33 0.00	34.15 1.35 0.00	33.63 1.17 0.00	33.85 1.17 0.00	34.59 1.33 0.00	35.36 1.29 0.00	36.90 1.42 0.00	38.10 1.47 0.00	41.37 1.59 0.00	43.87 1.73 0.00	44.19 1.78 0.00	41.56 1.71 0.00	38.40 1.66 0.00	34.60 1.49 0.00	32.43 1.37 0.00	29.08 1.20 0.00
COOPERNY_115KV_TB1 80082	28.47 0.80 0.00	26.62 0.67 0.00	25.55 0.65 0.00	24.73 0.63 0.00	25.21 0.64 0.00	26.48 0.67 0.00	31.95 0.81 0.00	33.48 0.91 0.00	33.23 0.91 0.00	33.72 0.92 0.00	33.44 0.97 0.00	33.65 0.98 0.00	34.25 1.00 0.00	35.26 1.19 0.00	36.76 1.28 0.00	37.99 1.36 0.00	41.21 1.43 0.00	43.54 1.39 0.00	43.85 1.44 0.00	41.20 1.35 0.00	38.11 1.36 0.00	34.27 1.16 0.00	32.15 1.09 0.00	28.88 1.00 0.00
COPENHAGEN_WT_PWR 323753	28.19 0.52 0.00	26.44 0.49 0.00	25.33 0.42 0.00	24.47 0.36 0.00	24.94 0.37 0.00	26.35 0.54 0.00	32.04 0.90 0.00	33.57 1.01 0.00	33.01 0.68 -0.01	33.40 0.59 -0.01	33.97 0.39 -1.12	34.07 0.23 -1.17	34.92 0.37 -1.30	35.87 0.34 -1.46	37.49 0.32 -1.69	38.89 0.37 -1.89	42.63 0.44 -2.41	45.78 0.72 -2.91	46.38 1.02 -2.96	43.60 1.19 -2.56	39.88 1.10 -2.03	35.41 0.93 -1.38	32.43 0.74 -0.62	28.46 0.59 0.00
CORNELL_____ 23752	28.42 0.75 0.00	26.57 0.62 0.00	25.48 0.57 0.00	24.61 0.51 0.00	25.11 0.54 0.00	26.45 0.65 0.00	32.07 0.93 0.00	33.57 1.01 0.00	32.83 0.52 0.01	33.32 0.52 0.01	33.58 0.52 -0.59	33.88 0.59 -0.62	34.68 0.73 -0.69	35.96 1.12 -0.77	37.55 1.17 -0.90	38.89 1.25 -1.00	42.43 1.39 -1.26	45.44 1.77 -1.53	45.78 1.82 -1.55	42.90 1.71 -1.34	39.20 1.40 -1.06	34.79 0.96 -0.72	32.26 0.87 -0.33	28.60 0.72 0.00

CORONA V_69_KV_TB1 355595	35.95 2.13 -6.15	35.54 1.89 -7.69	29.80 1.77 -3.13	29.56 1.69 -3.77	29.66 1.72 -3.37	34.15 1.83 -6.51	35.26 2.24 -1.88	36.49 2.51 -1.42	36.53 2.55 -1.65	36.16 2.59 -0.77	35.16 2.69 0.00	35.93 2.84 -0.42	35.98 2.73 0.00	37.20 3.13 0.00	38.60 3.12 0.00	40.05 3.41 0.00	43.24 3.46 0.00	45.52 3.37 0.00	45.84 3.43 0.00	43.03 3.19 0.00	39.91 3.16 0.00	36.09 2.98 0.00	33.77 2.70 0.00	32.69 2.51 -2.30
CORTLAND_115KV_TB3 80093	28.08 0.42 0.00	26.26 0.31 0.00	25.20 0.30 0.00	24.37 0.27 0.00	24.84 0.27 0.00	26.17 0.36 0.00	31.64 0.50 0.00	33.12 0.55 0.00	32.51 0.19 0.01	33.02 0.23 0.01	33.38 0.23 -0.69	33.69 0.29 -0.72	34.46 0.40 -0.80	35.68 0.72 -0.90	37.27 0.75 -1.04	38.61 0.81 -1.17	42.14 0.88 -1.48	44.99 1.05 -1.79	45.32 1.10 -1.82	42.48 1.08 -1.55	38.82 0.85 -1.23	34.48 0.53 -0.84	31.91 0.47 -0.38	28.27 0.39 0.00
COXSACKIE__GT 23611	29.36 1.69 0.00	27.58 1.64 0.00	26.40 1.49 0.00	25.51 1.40 0.00	26.02 1.45 0.00	27.35 1.55 0.00	33.04 1.90 0.00	34.39 1.82 0.00	34.01 1.68 0.00	34.12 1.31 0.00	33.44 0.97 0.00	33.46 0.78 0.00	34.29 1.03 0.00	35.16 1.09 0.00	36.83 1.35 0.00	38.14 1.50 0.00	41.65 1.87 0.00	44.50 2.36 0.00	45.08 2.67 0.00	42.32 2.47 0.00	39.03 2.28 0.00	35.03 1.92 0.00	32.99 1.93 0.00	29.52 1.64 0.00
CPV_VALLEY__CC1 323721	28.55 0.89 0.00	26.70 0.75 0.00	25.60 0.70 0.00	24.78 0.67 0.00	25.25 0.69 0.00	26.53 0.72 0.00	32.01 0.87 0.00	33.57 1.01 0.00	33.33 1.00 0.00	33.95 1.15 0.00	33.54 1.07 0.00	33.79 1.11 0.00	34.59 1.33 0.00	35.39 1.33 0.00	36.86 1.38 0.00	38.14 1.50 0.00	41.37 1.59 0.00	43.66 1.52 0.00	43.98 1.57 0.00	41.28 1.43 0.00	38.25 1.51 0.00	34.40 1.29 0.00	32.31 1.24 0.00	28.99 1.12 0.00
CPV_VALLEY__CC2 323722	28.55 0.89 0.00	26.70 0.75 0.00	25.60 0.70 0.00	24.78 0.67 0.00	25.25 0.69 0.00	26.53 0.72 0.00	32.01 0.87 0.00	33.57 1.01 0.00	33.33 1.00 0.00	33.95 1.15 0.00	33.54 1.07 0.00	33.79 1.11 0.00	34.59 1.33 0.00	35.39 1.33 0.00	36.86 1.38 0.00	38.14 1.50 0.00	41.37 1.59 0.00	43.66 1.52 0.00	43.98 1.57 0.00	41.28 1.43 0.00	38.25 1.51 0.00	34.40 1.29 0.00	32.31 1.24 0.00	28.99 1.12 0.00
CRESCENT__HYD 24018	28.78 1.11 0.00	27.04 1.09 0.00	25.93 1.02 0.00	25.10 0.99 0.00	25.58 1.01 0.00	26.86 1.06 0.00	32.39 1.25 0.00	33.96 1.40 0.00	33.65 1.33 0.00	34.15 1.35 0.00	33.63 1.17 0.00	33.85 1.17 0.00	34.59 1.33 0.00	35.36 1.29 0.00	36.90 1.42 0.00	38.10 1.47 0.00	41.37 1.59 0.00	43.87 1.73 0.00	44.19 1.78 0.00	41.56 1.71 0.00	38.40 1.66 0.00	34.60 1.49 0.00	32.43 1.37 0.00	29.08 1.20 0.00
CRICKET__VALLEY_CC1 323756	28.69 1.02 0.00	26.88 0.93 0.00	25.77 0.87 0.00	24.95 0.84 0.00	25.43 0.86 0.00	26.71 0.90 0.00	32.17 1.03 0.00	33.80 1.24 0.00	33.55 1.23 0.00	34.18 1.38 0.00	33.70 1.23 0.00	33.92 1.24 0.00	34.72 1.46 0.00	35.50 1.43 0.00	37.00 1.52 0.00	38.21 1.57 0.00	41.45 1.67 0.00	43.75 1.60 0.00	44.06 1.65 0.00	41.40 1.55 0.00	38.36 1.62 0.00	34.57 1.46 0.00	32.46 1.40 0.00	29.10 1.23 0.00
CRICKET__VALLEY_CC2 323757	28.69 1.02 0.00	26.88 0.93 0.00	25.77 0.87 0.00	24.95 0.84 0.00	25.43 0.86 0.00	26.71 0.90 0.00	32.17 1.03 0.00	33.80 1.24 0.00	33.55 1.23 0.00	34.18 1.38 0.00	33.70 1.23 0.00	33.92 1.24 0.00	34.72 1.46 0.00	35.50 1.43 0.00	37.00 1.52 0.00	38.21 1.57 0.00	41.45 1.67 0.00	43.75 1.60 0.00	44.06 1.65 0.00	41.40 1.55 0.00	38.36 1.62 0.00	34.57 1.46 0.00	32.46 1.40 0.00	29.10 1.23 0.00
CRICKET__VALLEY_CC3 323758	28.69 1.02 0.00	26.88 0.93 0.00	25.77 0.87 0.00	24.95 0.84 0.00	25.43 0.86 0.00	26.71 0.90 0.00	32.17 1.03 0.00	33.80 1.24 0.00	33.55 1.23 0.00	34.18 1.38 0.00	33.70 1.23 0.00	33.92 1.24 0.00	34.72 1.46 0.00	35.50 1.43 0.00	37.00 1.52 0.00	38.21 1.57 0.00	41.45 1.67 0.00	43.75 1.60 0.00	44.06 1.65 0.00	41.40 1.55 0.00	38.36 1.62 0.00	34.57 1.46 0.00	32.46 1.40 0.00	29.10 1.23 0.00
CRUCIBLE_METL_DRP 24180	27.56 -0.11 0.00	25.82 -0.13 0.00	24.75 -0.15 0.00	23.94 -0.17 0.00	24.40 -0.17 0.00	25.68 -0.13 0.00	31.05 -0.09 0.00	32.43 -0.13 0.00	31.94 -0.39 0.00	32.44 -0.36 0.00	33.34 -0.39 -1.26	33.70 -0.29 -1.32	34.53 -0.20 -1.47	35.78 0.07 -1.65	37.46 0.07 -1.91	38.85 0.07 -2.14	42.50 0.00 -2.72	45.56 0.13 -3.29	45.87 0.13 -3.34	42.85 0.12 -2.89	39.03 0.00 -2.29	34.46 -0.20 -1.55	31.58 -0.19 -0.70	27.71 -0.17 0.00
DAHOWA__HYDRO 323763	29.36 1.69 0.00	27.63 1.69 0.00	26.42 1.52 0.00	25.58 1.47 0.00	26.07 1.50 0.00	27.41 1.60 0.00	33.10 1.96 0.00	34.65 2.09 0.00	34.33 2.00 0.00	34.74 1.93 0.00	34.22 1.75 0.00	34.40 1.73 0.00	35.15 1.89 0.00	35.97 1.91 0.00	37.54 2.06 0.00	38.80 2.16 0.00	42.21 2.43 0.00	44.93 2.78 0.00	45.33 2.92 0.00	42.59 2.75 0.00	39.36 2.61 0.00	35.36 2.25 0.00	33.15 2.08 0.00	29.66 1.79 0.00
DANC__LFGE 323619	27.84 0.17 0.00	26.08 0.13 0.00	25.00 0.10 0.00	24.16 0.05 0.00	24.64 0.07 0.00	25.99 0.18 0.00	31.54 0.40 0.00	32.99 0.42 0.00	32.47 0.13 -0.01	32.91 0.10 -0.01	33.82 -0.03 -1.39	33.96 -0.16 -1.45	34.88 0.00 -1.62	35.88 0.00 -1.81	37.58 0.00 -2.10	38.99 0.00 -2.35	42.78 0.00 -3.00	45.98 0.21 -3.63	46.46 0.38 -3.68	43.55 0.52 -3.19	39.71 0.44 -2.52	35.16 0.33 -1.71	32.09 0.25 -0.77	28.05 0.17 0.00
DANSKAMMER__1 23586	29.14 1.47 0.00	27.24 1.30 0.00	26.12 1.22 0.00	25.24 1.13 0.00	25.72 1.15 0.00	27.04 1.24 0.00	32.60 1.46 0.00	34.19 1.63 0.00	34.01 1.68 0.00	34.57 1.77 0.00	34.15 1.69 0.00	34.37 1.70 0.00	35.25 2.00 0.00	36.08 2.01 0.00	37.64 2.16 0.00	38.91 2.27 0.00	42.21 2.43 0.00	44.50 2.36 0.00	44.82 2.42 0.00	42.07 2.23 0.00	39.03 2.28 0.00	35.10 1.99 0.00	32.99 1.93 0.00	29.61 1.73 0.00
DANSKAMMER__2 23589	29.14 1.47 0.00	27.24 1.30 0.00	26.12 1.22 0.00	25.24 1.13 0.00	25.72 1.15 0.00	27.04 1.24 0.00	32.60 1.46 0.00	34.19 1.63 0.00	34.01 1.68 0.00	34.57 1.77 0.00	34.15 1.69 0.00	34.37 1.70 0.00	35.25 2.00 0.00	36.08 2.01 0.00	37.64 2.16 0.00	38.91 2.27 0.00	42.21 2.43 0.00	44.50 2.36 0.00	44.82 2.42 0.00	42.07 2.23 0.00	39.03 2.28 0.00	35.10 1.99 0.00	32.99 1.93 0.00	29.61 1.73 0.00
DANSKAMMER__3 23590	29.14 1.47 0.00	27.24 1.30 0.00	26.12 1.22 0.00	25.24 1.13 0.00	25.72 1.15 0.00	27.04 1.24 0.00	32.60 1.46 0.00	34.19 1.63 0.00	34.01 1.68 0.00	34.57 1.77 0.00	34.15 1.69 0.00	34.37 1.70 0.00	35.25 2.00 0.00	36.08 2.01 0.00	37.64 2.16 0.00	38.91 2.27 0.00	42.21 2.43 0.00	44.50 2.36 0.00	44.82 2.42 0.00	42.07 2.23 0.00	39.03 2.28 0.00	35.10 1.99 0.00	32.99 1.93 0.00	29.61 1.73 0.00

DANSKAMMER___4 23591	29.14 1.47 0.00	27.24 1.30 0.00	26.12 1.22 0.00	25.24 1.13 0.00	25.72 1.15 0.00	27.04 1.24 0.00	32.60 1.46 0.00	34.19 1.63 0.00	34.01 1.68 0.00	34.57 1.77 0.00	34.15 1.69 0.00	34.37 1.70 0.00	35.25 2.00 0.00	36.08 2.01 0.00	37.64 2.16 0.00	38.91 2.27 0.00	42.21 2.43 0.00	44.50 2.36 0.00	44.82 2.42 0.00	42.07 2.23 0.00	39.03 2.28 0.00	35.10 1.99 0.00	32.99 1.93 0.00	29.61 1.73 0.00
DANSKAMMER___DIESEL 23592	29.14 1.47 0.00	27.25 1.30 0.00	26.12 1.22 0.00	25.24 1.13 0.00	25.72 1.15 0.00	27.04 1.24 0.00	32.60 1.46 0.00	34.19 1.63 0.00	34.01 1.68 0.00	34.44 1.64 0.00	34.19 1.72 0.00	34.37 1.70 0.00	34.98 1.73 0.00	36.08 2.01 0.00	37.64 2.16 0.00	38.91 2.27 0.00	42.21 2.43 0.00	44.51 2.36 0.00	44.82 2.42 0.00	42.12 2.27 0.00	39.02 2.28 0.00	35.06 1.95 0.00	32.99 1.93 0.00	29.61 1.73 0.00
DARBY___SOLAR 323810	29.25 1.58 0.00	27.50 1.56 0.00	26.32 1.42 0.00	25.48 1.37 0.00	25.97 1.40 0.00	27.27 1.47 0.00	32.95 1.81 0.00	34.48 1.92 0.00	34.17 1.84 0.00	34.64 1.84 0.00	34.12 1.65 0.00	34.31 1.63 0.00	35.05 1.79 0.00	35.87 1.80 0.00	37.43 1.95 0.00	38.65 2.01 0.00	42.04 2.27 0.00	44.72 2.57 0.00	45.08 2.67 0.00	42.40 2.55 0.00	39.13 2.39 0.00	35.20 2.09 0.00	32.99 1.93 0.00	29.52 1.64 0.00
DASHVILLE___HYD 23610	28.80 1.13 0.00	26.91 0.96 0.00	25.80 0.90 0.00	24.98 0.87 0.00	25.45 0.88 0.00	26.71 0.90 0.00	32.17 1.03 0.00	33.74 1.17 0.00	33.55 1.23 0.00	33.99 1.18 0.00	33.76 1.30 0.00	33.95 1.27 0.00	34.52 1.26 0.00	35.60 1.53 0.00	37.11 1.63 0.00	38.40 1.76 0.00	41.61 1.83 0.00	43.83 1.69 0.00	44.19 1.78 0.00	41.48 1.63 0.00	38.47 1.73 0.00	34.57 1.46 0.00	32.56 1.49 0.00	29.24 1.37 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	35.21 1.38 -6.15	34.70 1.06 -7.69	29.08 1.05 -3.13	28.81 0.94 -3.77	28.90 0.96 -3.37	33.40 1.08 -6.51	33.71 0.69 -1.88	35.16 1.17 -1.42	35.27 1.29 -1.65	34.65 1.08 -0.77	34.54 2.08 0.00	35.38 2.29 -0.42	35.15 1.90 0.00	36.76 2.69 0.00	38.03 2.55 0.00	39.90 3.26 0.00	43.28 3.50 0.00	45.64 3.50 0.00	45.88 3.48 0.00	42.91 3.07 0.00	38.95 2.20 0.00	35.63 2.52 0.00	32.28 1.21 0.00	31.69 1.51 -2.30
DELAWARE___LFGE 323621	28.61 0.94 0.00	26.78 0.83 0.00	25.73 0.82 0.00	24.95 0.84 0.00	25.43 0.86 0.00	26.66 0.85 0.00	32.20 1.06 0.00	33.70 1.14 0.00	33.29 0.97 0.01	33.78 0.98 0.01	33.76 1.04 -0.25	33.98 1.05 -0.27	34.65 1.10 -0.30	35.73 1.33 -0.33	37.25 1.38 -0.38	38.53 1.47 -0.43	41.95 1.63 -0.54	44.53 1.73 -0.66	44.85 1.78 -0.66	42.11 1.71 -0.55	38.80 1.62 -0.44	34.73 1.32 -0.30	32.41 1.21 -0.13	28.97 1.09 0.00
DERFIELD_115KV_TB7 355931	27.84 0.17 0.00	26.08 0.13 0.00	25.03 0.12 0.00	24.25 0.14 0.00	24.72 0.15 0.00	25.93 0.13 0.00	31.33 0.19 0.00	32.76 0.20 0.00	32.49 0.16 0.00	32.94 0.13 0.00	32.60 0.13 0.00	32.80 0.13 0.00	33.39 0.13 0.00	34.27 0.20 0.00	35.69 0.21 0.00	36.86 0.22 0.00	39.98 0.20 0.00	42.36 0.21 0.00	42.66 0.25 0.00	40.08 0.24 0.00	37.00 0.26 0.00	33.31 0.20 0.00	31.25 0.19 0.00	28.05 0.17 0.00
DOGLEVILLE___HYD 23807	27.39 -0.28 0.00	25.66 -0.28 0.00	24.61 -0.30 0.00	23.82 -0.29 0.00	24.30 -0.27 0.00	25.55 -0.26 0.00	30.83 -0.31 0.00	32.24 -0.33 0.00	31.91 -0.42 0.00	32.38 -0.43 0.00	31.98 -0.49 0.00	32.22 -0.46 0.00	32.82 -0.43 0.00	33.59 -0.48 0.00	35.02 -0.46 0.00	36.12 -0.51 0.00	39.14 -0.64 0.00	41.55 -0.59 0.00	41.90 -0.51 0.00	39.65 -0.20 0.00	36.53 -0.22 0.00	32.95 -0.16 0.00	30.85 -0.22 0.00	27.65 -0.22 0.00
DUNKIRK___115KV_TB_200 55889	27.70 0.03 0.00	25.69 -0.26 0.00	24.68 -0.22 0.00	23.79 -0.31 0.00	24.20 -0.37 0.00	25.73 -0.08 0.00	30.95 -0.19 0.00	32.24 -0.33 0.00	30.93 -1.36 0.03	32.02 -0.75 0.03	32.40 -0.06 0.00	32.87 0.20 0.00	34.15 0.90 0.00	36.01 1.94 0.00	37.11 1.63 0.00	38.14 1.50 0.00	41.85 2.07 0.00	44.21 2.07 0.00	44.23 1.82 0.00	41.52 1.67 0.00	37.44 0.70 0.00	33.11 0.00 0.00	31.10 0.03 0.00	28.18 0.31 0.00
DUNKIRK___1 23563	27.70 0.03 0.00	25.69 -0.26 0.00	24.68 -0.22 0.00	23.79 -0.31 0.00	24.20 -0.37 0.00	25.73 -0.08 0.00	30.95 -0.19 0.00	32.24 -0.33 0.00	30.93 -1.36 0.03	32.02 -0.75 0.03	32.40 -0.06 0.00	32.87 0.20 0.00	34.15 0.90 0.00	36.01 1.94 0.00	37.11 1.63 0.00	38.14 1.50 0.00	41.85 2.07 0.00	44.21 2.07 0.00	44.23 1.82 0.00	41.52 1.67 0.00	37.44 0.70 0.00	33.11 0.00 0.00	31.10 0.03 0.00	28.18 0.31 0.00
DUNKIRK___2 23564	27.70 0.03 0.00	25.69 -0.26 0.00	24.68 -0.22 0.00	23.79 -0.31 0.00	24.20 -0.37 0.00	25.73 -0.08 0.00	30.95 -0.19 0.00	32.24 -0.33 0.00	30.93 -1.36 0.03	32.02 -0.75 0.03	32.40 -0.06 0.00	32.87 0.20 0.00	34.15 0.90 0.00	36.01 1.94 0.00	37.11 1.63 0.00	38.14 1.50 0.00	41.85 2.07 0.00	44.21 2.07 0.00	44.23 1.82 0.00	41.52 1.67 0.00	37.44 0.70 0.00	33.11 0.00 0.00	31.10 0.03 0.00	28.18 0.31 0.00
DUNKIRK___3 23565	27.50 -0.17 0.00	25.51 -0.44 0.00	24.51 -0.40 0.00	23.63 -0.48 0.00	24.03 -0.54 0.00	25.52 -0.28 0.00	30.70 -0.44 0.00	31.95 -0.62 0.00	30.64 -1.65 0.03	31.72 -1.05 0.03	32.11 -0.36 0.00	32.58 -0.10 0.00	33.85 0.60 0.00	35.67 1.60 0.00	36.76 1.28 0.00	37.77 1.14 0.00	41.41 1.63 0.00	43.79 1.64 0.00	43.85 1.44 0.00	41.12 1.28 0.00	37.11 0.37 0.00	32.85 -0.26 0.00	30.88 -0.19 0.00	27.99 0.11 0.00
DUNKIRK___4 23566	27.50 -0.17 0.00	25.51 -0.44 0.00	24.51 -0.40 0.00	23.63 -0.48 0.00	24.03 -0.54 0.00	25.52 -0.28 0.00	30.70 -0.44 0.00	31.95 -0.62 0.00	30.64 -1.65 0.03	31.72 -1.05 0.03	32.11 -0.36 0.00	32.58 -0.10 0.00	33.85 0.60 0.00	35.67 1.60 0.00	36.76 1.28 0.00	37.77 1.14 0.00	41.41 1.63 0.00	43.79 1.64 0.00	43.85 1.44 0.00	41.12 1.28 0.00	37.11 0.37 0.00	32.85 -0.26 0.00	30.88 -0.19 0.00	27.99 0.11 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	29.22 1.55 0.00	27.32 1.38 0.00	26.17 1.27 0.00	25.31 1.21 0.00	25.80 1.23 0.00	27.12 1.32 0.00	32.76 1.62 0.00	34.45 1.89 0.00	34.27 1.94 0.00	34.77 1.97 0.00	34.58 2.11 0.00	34.80 2.12 0.00	35.35 2.10 0.00	36.49 2.42 0.00	37.96 2.48 0.00	39.28 2.64 0.00	42.56 2.78 0.00	44.84 2.70 0.00	45.12 2.71 0.00	42.35 2.51 0.00	39.36 2.61 0.00	35.33 2.22 0.00	33.18 2.11 0.00	29.80 1.92 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	28.91 1.25 0.00	27.04 1.09 0.00	25.92 1.02 0.00	25.07 0.96 0.00	25.55 0.98 0.00	26.84 1.03 0.00	32.39 1.25 0.00	33.96 1.40 0.00	33.75 1.42 0.00	34.22 1.41 0.00	33.96 1.49 0.00	34.14 1.47 0.00	34.75 1.50 0.00	35.84 1.77 0.00	37.36 1.88 0.00	38.65 2.02 0.00	41.93 2.15 0.00	44.21 2.07 0.00	44.53 2.12 0.00	41.80 1.95 0.00	38.77 2.02 0.00	34.80 1.69 0.00	32.71 1.65 0.00	29.38 1.51 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	29.59 1.91 -0.01	27.64 1.69 -0.01	26.48 1.57 -0.01	25.61 1.49 -0.01	26.10 1.52 -0.01	27.38 1.57 0.00	32.88 1.74 0.00	34.58 2.02 0.00	34.36 2.04 0.00	34.87 2.07 0.00	34.80 2.34 0.00	35.09 2.42 0.00	35.65 2.39 0.00	36.86 2.79 0.00	38.35 2.87 0.00	39.69 3.04 -0.01	43.01 3.22 -0.01	45.18 3.03 0.00	45.50 3.10 0.00	42.67 2.83 0.00	39.69 2.94 0.00	35.63 2.52 0.00	33.55 2.49 0.00	30.23 2.34 -0.01
E179THST_13_KV_LOAD 356214	29.70 2.02 -0.01	27.75 1.79 -0.01	26.58 1.67 -0.01	25.71 1.59 -0.01	26.20 1.62 -0.01	27.48 1.68 0.00	33.04 1.90 0.00	34.75 2.18 0.00	34.52 2.20 0.00	35.04 2.23 0.00	34.97 2.50 0.00	35.26 2.58 0.00	35.85 2.59 0.00	37.03 2.96 0.00	38.57 3.09 0.00	39.91 3.26 -0.01	43.25 3.46 -0.01	45.43 3.29 0.00	45.76 3.35 0.00	42.87 3.03 0.00	39.87 3.12 0.00	35.79 2.68 0.00	33.71 2.64 0.00	30.37 2.48 -0.01
EAST HAMPTON___GT 23717	34.79 0.97 -6.15	34.29 0.65 -7.69	28.70 0.67 -3.13	28.50 0.63 -3.77	28.68 0.74 -3.37	33.12 0.80 -6.51	33.27 0.25 -1.88	34.67 0.68 -1.42	34.82 0.84 -1.65	34.39 0.82 -0.77	34.15 1.69 0.00	35.34 2.25 -0.42	35.55 2.29 0.00	36.39 2.32 0.00	37.75 2.27 0.00	39.09 2.46 0.00	42.88 3.10 0.00	45.22 3.07 0.00	45.42 3.01 0.00	42.47 2.63 0.00	38.44 1.69 0.00	35.43 2.32 0.00	32.68 1.61 0.00	31.24 1.06 -2.30
EAST RIVER___6 23660	29.39 1.72 0.00	27.45 1.50 0.00	26.27 1.37 0.00	25.41 1.30 0.00	25.89 1.33 0.00	27.22 1.42 0.00	32.91 1.77 0.00	34.55 1.99 0.00	34.40 2.07 0.00	35.07 2.26 0.00	34.70 2.24 0.00	34.99 2.32 0.00	35.88 2.63 0.00	36.73 2.66 0.00	38.21 2.73 0.00	39.50 2.86 0.00	42.80 3.02 0.00	44.97 2.82 0.00	45.29 2.89 0.00	42.51 2.67 0.00	39.61 2.87 0.00	35.63 2.52 0.00	33.49 2.42 0.00	30.05 2.18 0.00
EAST RIVER___7 23524	29.39 1.72 0.00	27.45 1.50 0.00	26.27 1.37 0.00	25.41 1.30 0.00	25.89 1.33 0.00	27.22 1.42 0.00	32.91 1.77 0.00	34.55 1.99 0.00	34.40 2.07 0.00	35.07 2.26 0.00	34.70 2.24 0.00	34.99 2.32 0.00	35.88 2.63 0.00	36.73 2.66 0.00	38.21 2.73 0.00	39.50 2.86 0.00	42.80 3.02 0.00	44.97 2.82 0.00	45.29 2.89 0.00	42.51 2.67 0.00	39.61 2.87 0.00	35.63 2.52 0.00	33.49 2.42 0.00	30.05 2.18 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	29.16 1.49 0.00	27.27 1.32 0.00	26.12 1.22 0.00	25.26 1.16 0.00	25.75 1.18 0.00	27.07 1.26 0.00	32.70 1.56 0.00	34.35 1.79 0.00	34.20 1.87 0.00	34.67 1.87 0.00	34.48 2.01 0.00	34.70 2.03 0.00	35.25 2.00 0.00	36.35 2.28 0.00	37.86 2.38 0.00	39.17 2.53 0.00	42.44 2.67 0.00	44.72 2.57 0.00	44.99 2.59 0.00	42.23 2.39 0.00	39.25 2.50 0.00	35.26 2.15 0.00	33.12 2.05 0.00	29.72 1.84 0.00
EAST_HAMPTON___DIESEL 23722	34.68 0.86 -6.15	34.21 0.57 -7.69	28.63 0.60 -3.13	28.43 0.55 -3.77	28.60 0.66 -3.37	33.04 0.72 -6.51	33.18 0.16 -1.88	34.57 0.59 -1.42	34.72 0.74 -1.65	34.29 0.72 -0.77	34.02 1.56 0.00	35.25 2.16 -0.42	35.42 2.16 0.00	36.28 2.21 0.00	37.64 2.16 0.00	38.98 2.35 0.00	42.76 2.98 0.00	45.09 2.95 0.00	45.29 2.89 0.00	42.36 2.51 0.00	38.33 1.58 0.00	35.33 2.22 0.00	32.59 1.52 0.00	31.16 0.98 -2.30
EAST_POINT___SOLAR 323840	30.57 2.90 0.00	28.73 2.78 0.00	27.45 2.54 0.00	26.57 2.46 0.00	27.10 2.53 0.00	28.57 2.76 0.00	34.66 3.52 0.00	35.69 3.13 0.00	34.66 2.33 0.00	34.21 1.41 0.00	33.60 1.14 0.00	33.69 1.01 0.00	34.49 1.23 0.00	35.36 1.29 0.00	37.32 1.84 0.00	38.87 2.24 0.00	44.23 4.45 0.00	47.33 5.18 0.00	47.71 5.30 0.00	44.86 5.02 0.00	41.38 4.63 0.00	37.08 3.97 0.00	34.64 3.57 0.00	30.92 3.04 0.00
EAST_PULASKI___ESR 323781	27.50 -0.17 0.00	25.77 -0.18 0.00	24.70 -0.20 0.00	23.89 -0.22 0.00	24.35 -0.22 0.00	25.65 -0.15 0.00	31.08 -0.06 0.00	32.47 -0.10 0.00	32.00 -0.35 -0.02	32.47 -0.36 -0.02	33.99 -0.45 -1.97	34.21 -0.52 -2.06	35.23 -0.33 -2.31	36.37 -0.27 -2.58	38.19 -0.29 -2.99	39.69 -0.29 -3.35	43.69 -0.36 -4.27	47.05 -0.25 -5.16	47.47 -0.17 -5.23	44.30 -0.08 -4.53	40.19 -0.15 -3.59	35.35 -0.20 -2.44	31.95 -0.22 -1.10	27.68 -0.19 0.00
EAST_RIVER___1 323558	29.39 1.72 0.00	27.45 1.50 0.00	26.30 1.39 0.00	25.41 1.30 0.00	25.89 1.33 0.00	27.25 1.44 0.00	32.91 1.77 0.00	34.62 2.05 0.00	34.46 2.13 0.00	35.17 2.36 0.00	34.77 2.31 0.00	35.06 2.38 0.00	35.92 2.66 0.00	36.76 2.69 0.00	38.25 2.77 0.00	39.53 2.89 0.00	42.84 3.06 0.00	45.05 2.91 0.00	45.37 2.97 0.00	42.56 2.71 0.00	39.61 2.87 0.00	35.63 2.52 0.00	33.49 2.42 0.00	30.05 2.18 0.00
EAST_RIVER___2 323559	29.39 1.72 0.00	27.45 1.50 0.00	26.27 1.37 0.00	25.41 1.30 0.00	25.89 1.33 0.00	27.22 1.42 0.00	32.91 1.77 0.00	34.55 1.99 0.00	34.40 2.07 0.00	35.07 2.26 0.00	34.70 2.24 0.00	34.99 2.32 0.00	35.88 2.63 0.00	36.73 2.66 0.00	38.21 2.73 0.00	39.50 2.86 0.00	42.80 3.02 0.00	44.97 2.82 0.00	45.29 2.89 0.00	42.51 2.67 0.00	39.61 2.87 0.00	35.63 2.52 0.00	33.49 2.42 0.00	30.05 2.18 0.00
EAST___DELAWARE_HYD 23607	29.14 1.47 0.00	27.22 1.27 0.00	26.10 1.20 0.00	25.24 1.13 0.00	25.72 1.15 0.00	27.04 1.24 0.00	32.60 1.46 0.00	34.16 1.60 0.00	33.91 1.58 0.00	34.44 1.64 0.00	34.02 1.56 0.00	34.24 1.57 0.00	35.12 1.86 0.00	35.97 1.91 0.00	37.50 2.02 0.00	38.80 2.16 0.00	42.13 2.35 0.00	44.50 2.36 0.00	44.86 2.46 0.00	42.11 2.27 0.00	38.99 2.24 0.00	35.06 1.95 0.00	32.96 1.90 0.00	29.58 1.70 0.00
EIGHT_POINT___WT_PWR 323820	29.58 1.91 0.00	27.45 1.50 0.00	26.35 1.44 0.00	25.38 1.28 0.00	25.87 1.30 0.00	27.56 1.76 0.00	33.41 2.27 0.00	35.11 2.54 0.00	33.27 0.97 0.02	34.39 1.61 0.02	34.85 2.08 -0.31	35.18 2.19 -0.32	36.87 3.26 -0.36	38.31 3.85 -0.40	39.74 3.80 -0.46	41.29 4.14 -0.52	44.78 4.38 -0.62	47.91 5.01 -0.75	47.92 4.75 -0.76	44.77 4.22 -0.71	40.65 3.34 -0.56	35.77 2.28 -0.38	33.20 1.96 -0.17	29.66 1.79 0.00
ELBRIDGE_115KV_TB2 80188	27.42 -0.25 0.00	25.66 -0.29 0.00	24.63 -0.27 0.00	23.82 -0.29 0.00	24.27 -0.29 0.00	25.55 -0.26 0.00	30.86 -0.28 0.00	32.24 -0.33 0.00	31.74 -0.58 0.00	32.28 -0.52 0.00	33.26 -0.55 -1.34	33.59 -0.49 -1.41	34.46 -0.37 -1.57	35.76 -0.07 -1.76	37.41 -0.11 -2.04	38.81 -0.11 -2.28	42.52 -0.16 -2.90	45.61 -0.04 -3.51	45.88 -0.08 -3.56	42.84 -0.08 -3.08	38.96 -0.22 -2.44	34.40 -0.36 -1.66	31.44 -0.37 -0.75	27.57 -0.31 0.00
ELEC_TRO_TEK 24086	35.79 1.96 -6.15	35.38 1.74 -7.69	29.65 1.62 -3.13	29.42 1.54 -3.77	29.51 1.57 -3.37	34.00 1.68 -6.51	35.08 2.06 -1.88	36.33 2.34 -1.42	36.37 2.39 -1.65	36.00 2.43 -0.77	34.97 2.50 0.00	35.70 2.61 -0.42	35.75 2.49 0.00	36.93 2.86 0.00	38.35 2.87 0.00	39.75 3.11 0.00	42.96 3.18 0.00	45.22 3.08 0.00	45.50 3.10 0.00	42.71 2.87 0.00	39.61 2.87 0.00	35.83 2.72 0.00	33.55 2.49 0.00	32.50 2.31 -2.30

ELLENBURG_WT_PWR 323604	28.39 0.72 0.00	26.86 0.91 0.00	25.80 0.90 0.00	24.95 0.84 0.00	25.40 0.84 0.00	26.76 0.96 0.00	32.39 1.25 0.00	33.83 1.27 0.00	33.65 1.33 0.00	34.15 1.35 0.00	33.86 1.40 0.00	33.88 1.21 0.00	34.09 0.83 0.00	34.95 0.88 0.00	36.33 0.85 0.00	37.41 0.77 0.00	40.97 1.19 0.00	43.45 1.31 0.00	43.47 1.06 0.00	40.60 0.76 0.00	37.33 0.59 0.00	33.71 0.60 0.00	31.47 0.40 0.00	28.10 0.22 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	27.06 -0.61 0.00	25.12 -0.83 0.00	24.13 -0.77 0.00	23.24 -0.87 0.00	23.66 -0.91 0.00	25.08 -0.72 0.00	30.08 -1.06 0.00	31.23 -1.34 0.00	30.16 -2.13 0.04	31.13 -1.64 0.04	31.39 -1.07 0.00	31.89 -0.78 0.00	33.16 -0.10 0.00	34.92 0.85 0.00	35.98 0.50 0.00	36.97 0.33 0.00	40.46 0.68 0.00	42.78 0.63 0.00	42.79 0.38 0.00	40.16 0.32 0.00	36.27 -0.48 0.00	32.12 -0.99 0.00	30.26 -0.81 0.00	27.49 -0.39 0.00
EMPIRE_CC_1 323656	28.58 0.91 0.00	26.83 0.88 0.00	25.72 0.82 0.00	24.93 0.82 0.00	25.40 0.84 0.00	26.68 0.88 0.00	32.11 0.97 0.00	33.70 1.14 0.00	33.39 1.07 0.00	33.95 1.15 0.00	33.44 0.97 0.00	33.62 0.95 0.00	34.39 1.13 0.00	35.16 1.09 0.00	36.69 1.21 0.00	37.85 1.21 0.00	41.09 1.31 0.00	43.49 1.35 0.00	43.80 1.40 0.00	41.20 1.36 0.00	38.07 1.32 0.00	34.34 1.23 0.00	32.22 1.15 0.00	28.88 1.00 0.00
EMPIRE_CC_2 323658	28.58 0.91 0.00	26.83 0.88 0.00	25.72 0.82 0.00	24.93 0.82 0.00	25.40 0.84 0.00	26.68 0.88 0.00	32.11 0.97 0.00	33.70 1.14 0.00	33.39 1.07 0.00	33.95 1.15 0.00	33.44 0.97 0.00	33.62 0.95 0.00	34.39 1.13 0.00	35.16 1.09 0.00	36.69 1.21 0.00	37.85 1.21 0.00	41.09 1.31 0.00	43.49 1.35 0.00	43.80 1.40 0.00	41.20 1.36 0.00	38.07 1.32 0.00	34.34 1.23 0.00	32.22 1.15 0.00	28.88 1.00 0.00
ENORWICH_115KV_TB1 80156	30.05 2.38 0.00	28.08 2.13 0.00	26.85 1.94 0.00	25.92 1.81 0.00	26.46 1.89 0.00	28.02 2.22 0.00	34.07 2.93 0.00	35.62 3.06 0.00	34.58 2.26 0.01	35.09 2.30 0.01	35.06 2.11 -0.48	35.37 2.19 -0.50	36.21 2.39 -0.56	37.42 2.73 -0.63	39.12 2.91 -0.73	40.57 3.11 -0.82	44.39 3.58 -1.03	47.65 4.26 -1.24	48.25 4.58 -1.26	45.46 4.54 -1.07	41.56 3.97 -0.85	36.86 3.18 -0.58	34.12 2.80 -0.26	30.28 2.40 0.00
ERIE_ST_34_KV_TB1-2 80199	27.70 0.03 0.00	25.69 -0.26 0.00	24.68 -0.22 0.00	23.79 -0.31 0.00	24.20 -0.37 0.00	25.70 -0.10 0.00	30.89 -0.25 0.00	32.08 -0.49 0.00	30.42 -1.87 0.04	31.72 -1.05 0.04	32.27 -0.19 0.00	32.77 0.10 0.00	34.02 0.76 0.00	35.87 1.81 0.00	36.97 1.49 0.00	38.03 1.39 0.00	41.71 1.91 -0.02	44.08 1.94 0.00	44.10 1.70 0.00	41.36 1.51 0.00	37.33 0.59 0.00	33.01 -0.10 0.00	31.03 -0.03 0.00	28.21 0.33 0.00
ERIE_WT_PWR 323693	27.34 -0.33 0.00	25.38 -0.57 0.00	24.36 -0.55 0.00	23.48 -0.63 0.00	23.88 -0.69 0.00	25.34 -0.46 0.00	30.43 -0.71 0.00	31.59 -0.98 0.00	30.35 -1.94 0.04	31.46 -1.31 0.04	31.98 -0.49 0.00	32.25 -0.43 0.00	34.12 0.86 0.00	35.36 1.29 0.00	36.40 0.92 0.00	37.66 1.02 0.00	40.94 1.15 0.00	43.28 1.14 0.00	43.30 0.89 0.00	40.64 0.80 0.00	36.71 -0.04 0.00	32.48 -0.63 0.00	30.63 -0.43 0.00	27.79 -0.08 0.00
ESPRGFLD_115KV_TB1 80157	29.66 1.99 0.00	27.79 1.84 0.00	26.62 1.72 0.00	25.80 1.69 0.00	26.31 1.74 0.00	27.66 1.86 0.00	33.54 2.40 0.00	34.94 2.38 0.00	34.36 2.04 0.00	34.61 1.80 0.00	34.22 1.75 0.00	34.44 1.76 0.00	35.12 1.86 0.00	36.21 2.15 0.00	37.82 2.34 0.00	39.20 2.56 0.00	43.00 3.22 0.00	45.81 3.67 0.00	46.18 3.77 0.00	43.43 3.59 0.00	40.02 3.27 0.00	35.89 2.78 0.00	33.52 2.45 0.00	30.02 2.15 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	28.36 0.69 0.00	26.52 0.57 0.00	25.45 0.55 0.00	24.59 0.48 0.00	25.06 0.49 0.00	26.42 0.62 0.00	32.01 0.87 0.00	33.51 0.94 0.00	32.77 0.45 0.01	33.29 0.49 0.01	33.53 0.45 -0.61	33.83 0.52 -0.64	34.63 0.67 -0.71	35.92 1.06 -0.80	37.50 1.10 -0.92	38.84 1.17 -1.03	42.39 1.31 -1.30	45.36 1.64 -1.58	45.70 1.70 -1.60	42.85 1.63 -1.38	39.16 1.32 -1.09	34.78 0.93 -0.74	32.21 0.81 -0.33	28.55 0.67 0.00
ETNA____115KV_TB2 80207	28.36 0.69 0.00	26.52 0.57 0.00	25.45 0.55 0.00	24.59 0.48 0.00	25.06 0.49 0.00	26.42 0.62 0.00	32.01 0.87 0.00	33.51 0.94 0.00	32.77 0.45 0.01	33.29 0.49 0.01	33.53 0.45 -0.61	33.83 0.52 -0.64	34.63 0.67 -0.71	35.92 1.06 -0.80	37.50 1.10 -0.92	38.84 1.17 -1.03	42.39 1.31 -1.30	45.36 1.64 -1.58	45.70 1.70 -1.60	42.85 1.63 -1.38	39.16 1.32 -1.09	34.78 0.93 -0.74	32.21 0.81 -0.33	28.55 0.67 0.00
EUCLID____115KV_TB2 356179	27.28 -0.39 0.00	25.56 -0.39 0.00	24.53 -0.37 0.00	23.72 -0.39 0.00	24.17 -0.39 0.00	25.42 -0.39 0.00	30.74 -0.40 0.00	32.08 -0.49 0.00	31.62 -0.68 0.02	32.09 -0.69 0.02	32.36 -0.68 -0.57	32.65 -0.62 -0.60	33.39 -0.53 -0.67	34.51 -0.31 -0.75	36.00 -0.35 -0.87	37.25 -0.37 -0.97	40.62 -0.40 -1.24	43.31 -0.34 -1.50	43.55 -0.38 -1.52	40.85 -0.32 -1.33	37.39 -0.40 -1.05	33.29 -0.53 -0.71	30.86 -0.53 -0.32	27.43 -0.45 0.00
E_CANADA_CAP_HY 24051	30.24 2.57 0.00	28.39 2.44 0.00	27.15 2.24 0.00	26.28 2.17 0.00	26.80 2.24 0.00	28.23 2.42 0.00	34.25 3.11 0.00	35.56 2.99 0.00	34.88 2.55 0.00	34.97 2.16 0.00	34.41 1.95 0.00	34.57 1.89 0.00	35.42 2.16 0.00	36.32 2.25 0.00	38.07 2.59 0.00	39.50 2.86 0.00	43.72 3.94 0.00	46.70 4.55 0.00	47.07 4.66 0.00	44.23 4.38 0.00	40.82 4.08 0.00	36.65 3.54 0.00	34.24 3.17 0.00	30.58 2.70 0.00
E_CANADA_MHWK_HY 24050	27.39 -0.28 0.00	25.66 -0.28 0.00	24.61 -0.30 0.00	23.82 -0.29 0.00	24.30 -0.27 0.00	25.55 -0.26 0.00	30.83 -0.31 0.00	32.24 -0.33 0.00	31.91 -0.42 0.00	32.38 -0.43 0.00	31.98 -0.49 0.00	32.22 -0.46 0.00	32.82 -0.43 0.00	33.59 -0.48 0.00	35.02 -0.46 0.00	36.12 -0.51 0.00	39.14 -0.64 0.00	41.55 -0.59 0.00	41.90 -0.51 0.00	39.65 -0.20 0.00	36.53 -0.22 0.00	32.95 -0.16 0.00	30.85 -0.22 0.00	27.65 -0.22 0.00
E_FISHKILL____LBMP 23776	28.91 1.25 0.00	27.04 1.09 0.00	25.92 1.02 0.00	25.10 0.99 0.00	25.57 1.01 0.00	26.86 1.06 0.00	32.42 1.28 0.00	34.06 1.50 0.00	33.85 1.52 0.00	34.31 1.51 0.00	34.09 1.62 0.00	34.27 1.60 0.00	34.82 1.56 0.00	35.91 1.84 0.00	37.40 1.92 0.00	38.69 2.05 0.00	41.93 2.15 0.00	44.21 2.07 0.00	44.53 2.12 0.00	41.80 1.95 0.00	38.77 2.02 0.00	34.87 1.75 0.00	32.77 1.71 0.00	29.41 1.53 0.00
FALCON____SEABRD_CC1 323796	28.44 0.77 0.00	26.88 0.93 0.00	25.85 0.95 0.00	25.00 0.89 0.00	25.43 0.86 0.00	26.79 0.98 0.00	32.42 1.28 0.00	33.90 1.34 0.00	33.75 1.42 0.00	34.21 1.41 0.00	33.93 1.46 0.00	33.95 1.27 0.00	34.15 0.90 0.00	35.09 1.02 0.00	36.47 0.99 0.00	37.55 0.92 0.00	41.09 1.31 0.00	43.58 1.43 0.00	43.59 1.19 0.00	40.68 0.84 0.00	37.44 0.70 0.00	33.84 0.73 0.00	31.59 0.53 0.00	28.24 0.36 0.00

FALCON___SEABRD_CC2 323797	28.44 0.77 0.00	26.88 0.93 0.00	25.85 0.95 0.00	25.00 0.89 0.00	25.43 0.86 0.00	26.79 0.98 0.00	32.42 1.28 0.00	33.90 1.34 0.00	33.75 1.42 0.00	34.21 1.41 0.00	33.93 1.46 0.00	33.95 1.27 0.00	34.15 0.90 0.00	35.09 1.02 0.00	36.47 0.99 0.00	37.55 0.92 0.00	41.09 1.31 0.00	43.58 1.43 0.00	43.59 1.19 0.00	40.68 0.84 0.00	37.44 0.70 0.00	33.84 0.73 0.00	31.59 0.53 0.00	28.24 0.36 0.00
FAR ROCKAWAY___4 23548	36.20 2.38 -6.15	35.74 2.10 -7.69	30.00 1.97 -3.13	29.75 1.88 -3.77	29.83 1.89 -3.37	34.36 2.04 -6.51	35.51 2.49 -1.88	36.79 2.80 -1.42	36.79 2.81 -1.65	36.43 2.85 -0.77	35.52 3.05 0.00	36.29 3.20 -0.42	36.35 3.09 0.00	37.58 3.51 0.00	38.99 3.51 0.00	40.45 3.81 0.00	43.72 3.94 0.00	46.02 3.88 0.00	46.31 3.90 0.00	43.51 3.67 0.00	40.27 3.53 0.00	36.42 3.31 0.00	34.02 2.95 0.00	32.91 2.73 -2.30
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	29.39 1.72 0.00	27.45 1.50 0.00	26.30 1.39 0.00	25.43 1.33 0.00	25.92 1.35 0.00	27.25 1.45 0.00	32.92 1.78 0.00	34.65 2.08 0.00	34.49 2.17 0.00	35.00 2.20 0.00	34.84 2.37 0.00	35.09 2.42 0.00	35.65 2.39 0.00	36.79 2.73 0.00	38.28 2.80 0.00	39.61 2.97 0.00	42.88 3.10 0.00	45.10 2.95 0.00	45.37 2.97 0.00	42.59 2.75 0.00	39.65 2.90 0.00	35.59 2.48 0.00	33.49 2.42 0.00	30.08 2.20 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	29.41 1.74 0.00	27.45 1.50 0.00	26.30 1.39 0.00	25.43 1.33 0.00	25.92 1.35 0.00	27.25 1.45 0.00	32.92 1.78 0.00	34.65 2.08 0.00	34.49 2.17 0.00	35.00 2.20 0.00	34.84 2.37 0.00	35.09 2.42 0.00	35.65 2.39 0.00	36.79 2.73 0.00	38.28 2.80 0.00	39.61 2.97 0.00	42.88 3.10 0.00	45.10 2.95 0.00	45.42 3.01 0.00	42.59 2.75 0.00	39.69 2.94 0.00	35.59 2.48 0.00	33.49 2.42 0.00	30.08 2.20 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	29.39 1.72 0.00	27.45 1.50 0.00	26.30 1.39 0.00	25.41 1.30 0.00	25.89 1.33 0.00	27.22 1.42 0.00	32.92 1.78 0.00	34.62 2.05 0.00	34.49 2.17 0.00	34.97 2.17 0.00	34.84 2.37 0.00	35.06 2.39 0.00	35.62 2.36 0.00	36.76 2.69 0.00	38.25 2.77 0.00	39.57 2.93 0.00	42.84 3.06 0.00	45.05 2.91 0.00	45.37 2.97 0.00	42.55 2.71 0.00	39.65 2.90 0.00	35.56 2.45 0.00	33.46 2.39 0.00	30.05 2.17 0.00
FARRAGUT___LBMP 323566	29.36 1.69 0.00	27.43 1.48 0.00	26.27 1.37 0.00	25.41 1.30 0.00	25.89 1.33 0.00	27.22 1.42 0.00	32.88 1.74 0.00	34.58 2.02 0.00	34.46 2.13 0.00	34.94 2.13 0.00	34.80 2.34 0.00	35.03 2.35 0.00	35.58 2.33 0.00	36.72 2.66 0.00	38.21 2.73 0.00	39.53 2.89 0.00	42.80 3.02 0.00	45.01 2.87 0.00	45.33 2.93 0.00	42.51 2.67 0.00	39.61 2.87 0.00	35.56 2.45 0.00	33.43 2.36 0.00	30.02 2.15 0.00
FENNER___WINDPWR 24204	28.33 0.66 0.00	26.52 0.57 0.00	25.43 0.52 0.00	24.59 0.48 0.00	25.06 0.49 0.00	26.40 0.59 0.00	31.95 0.81 0.00	33.41 0.85 0.00	32.87 0.55 0.01	33.42 0.62 0.01	33.57 0.55 -0.55	33.84 0.59 -0.57	34.69 0.80 -0.64	35.64 0.85 -0.72	37.20 0.89 -0.83	38.52 0.95 -0.93	41.96 0.99 -1.18	44.75 1.18 -1.43	45.13 1.27 -1.45	42.36 1.27 -1.24	38.83 1.10 -0.98	34.60 0.83 -0.67	32.05 0.68 -0.30	28.46 0.59 0.00
FIBERTEK___ENERGY 23856	27.56 -0.11 0.00	25.82 -0.13 0.00	24.75 -0.15 0.00	23.94 -0.17 0.00	24.40 -0.17 0.00	25.68 -0.13 0.00	31.05 -0.09 0.00	32.43 -0.13 0.00	31.94 -0.39 0.00	32.44 -0.36 0.00	33.34 -0.39 -1.26	33.70 -0.29 -1.32	34.53 -0.20 -1.47	35.78 0.07 -1.65	37.46 0.07 -1.91	38.85 0.07 -2.14	42.50 0.00 -2.72	45.56 0.13 -3.29	45.87 0.13 -3.34	42.85 0.12 -2.89	39.03 0.00 -2.29	34.46 -0.20 -1.55	31.58 -0.19 -0.70	27.71 -0.17 0.00
FITZPATRICK____ 23598	26.92 -0.75 0.00	25.22 -0.73 0.00	24.21 -0.70 0.00	23.43 -0.67 0.00	23.88 -0.69 0.00	25.11 -0.70 0.00	30.30 -0.84 0.00	31.59 -0.98 0.00	31.19 -1.13 0.00	31.69 -1.12 0.00	24.50 -1.14 6.83	24.42 -1.11 7.14	24.34 -0.93 7.98	24.25 -0.89 8.93	24.17 -0.96 10.35	24.11 -0.95 11.58	23.93 -1.07 14.78	23.19 -1.10 17.86	23.20 -1.10 18.11	23.17 -1.04 15.64	23.33 -1.03 12.39	23.64 -1.06 8.41	26.27 -1.00 3.80	27.04 -0.84 0.00
FLOWRFLD_69_KV_BK1 356044	35.70 1.88 -6.15	35.20 1.56 -7.69	29.53 1.49 -3.13	29.22 1.35 -3.77	29.29 1.35 -3.37	33.82 1.50 -6.51	34.36 1.34 -1.88	35.78 1.79 -1.42	35.85 1.87 -1.65	35.28 1.71 -0.77	34.80 2.34 0.00	35.61 2.52 -0.42	35.48 2.23 0.00	37.00 2.93 0.00	38.32 2.84 0.00	40.12 3.48 0.00	43.44 3.66 0.00	45.81 3.67 0.00	46.10 3.69 0.00	43.19 3.35 0.00	39.39 2.65 0.00	35.96 2.85 0.00	32.93 1.86 0.00	32.27 2.09 -2.30
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	29.19 1.52 0.00	27.30 1.35 0.00	26.17 1.27 0.00	25.29 1.18 0.00	25.77 1.20 0.00	27.09 1.29 0.00	32.67 1.53 0.00	34.26 1.69 0.00	34.07 1.75 0.00	34.51 1.71 0.00	34.25 1.79 0.00	34.41 1.73 0.00	35.02 1.76 0.00	36.15 2.08 0.00	37.71 2.24 0.00	38.98 2.34 0.00	42.28 2.51 0.00	44.59 2.44 0.00	44.91 2.50 0.00	42.16 2.31 0.00	39.10 2.35 0.00	35.10 1.99 0.00	33.05 1.99 0.00	29.63 1.76 0.00
FORT ORANGE____ 23900	28.33 0.66 0.00	26.62 0.67 0.00	25.50 0.60 0.00	24.69 0.58 0.00	25.18 0.61 0.00	26.42 0.62 0.00	31.92 0.78 0.00	33.44 0.88 0.00	33.10 0.77 0.00	33.56 0.76 0.00	33.05 0.58 0.00	33.23 0.55 0.00	33.92 0.66 0.00	34.71 0.65 0.00	36.26 0.78 0.00	37.44 0.81 0.00	40.69 0.92 0.00	43.20 1.05 0.00	43.55 1.15 0.00	40.92 1.08 0.00	37.81 1.07 0.00	34.04 0.93 0.00	31.97 0.90 0.00	28.63 0.75 0.00
FORT_DRUM_COGEN 23780	28.25 0.58 0.00	26.49 0.54 0.00	25.38 0.47 0.00	24.52 0.41 0.00	24.99 0.42 0.00	26.42 0.62 0.00	32.17 1.03 0.00	33.70 1.14 0.00	33.14 0.81 -0.01	33.53 0.72 -0.01	33.96 0.49 -1.01	34.05 0.33 -1.05	34.83 0.40 -1.18	35.79 0.41 -1.32	37.40 0.39 -1.53	38.75 0.40 -1.71	42.48 0.52 -2.18	45.58 0.80 -2.63	46.22 1.14 -2.67	43.47 1.31 -2.31	39.79 1.21 -1.83	35.38 1.03 -1.24	32.43 0.81 -0.56	28.52 0.64 0.00
FOX_HILLS___ESR 323835	29.61 1.94 -0.01	27.64 1.69 -0.01	26.48 1.57 -0.01	25.61 1.49 -0.01	26.10 1.52 -0.01	27.33 1.52 0.00	32.95 1.81 0.00	34.55 1.99 0.00	34.33 2.00 0.00	34.84 2.03 0.00	34.74 2.27 0.00	35.03 2.35 0.00	35.62 2.36 0.00	36.83 2.76 0.00	38.28 2.80 0.00	39.63 3.00 0.01	42.95 3.18 0.01	45.10 2.95 0.00	45.42 3.01 0.00	42.55 2.71 0.00	39.61 2.87 0.00	35.66 2.55 0.00	33.61 2.55 0.00	30.28 2.40 -0.01
FPL FAR_ROCK_GT1 24212	36.17 2.35 -6.15	35.74 2.10 -7.69	30.00 1.97 -3.13	29.76 1.88 -3.77	29.83 1.89 -3.37	34.36 2.04 -6.51	35.51 2.49 -1.88	36.79 2.80 -1.42	36.79 2.81 -1.65	36.62 3.05 -0.77	35.49 3.02 0.00	36.29 3.20 -0.42	36.75 3.49 0.00	37.58 3.51 0.00	38.99 3.51 0.00	40.34 3.70 0.00	43.72 3.94 0.00	46.02 3.87 0.00	46.30 3.90 0.00	43.51 3.66 0.00	40.20 3.45 0.00	36.49 3.38 0.00	34.14 3.08 0.00	32.92 2.73 -2.30

FPL FAR_ROCK_GT2 23815	36.17 2.35 -6.15	35.74 2.10 -7.69	30.00 1.97 -3.13	29.76 1.88 -3.77	29.83 1.89 -3.37	34.36 2.04 -6.51	35.51 2.49 -1.88	36.79 2.80 -1.42	36.79 2.81 -1.65	36.62 3.05 -0.77	35.49 3.02 0.00	36.29 3.20 -0.42	36.75 3.49 0.00	37.58 3.51 0.00	38.99 3.51 0.00	40.34 3.70 0.00	43.72 3.94 0.00	46.02 3.87 0.00	46.30 3.90 0.00	43.51 3.66 0.00	40.20 3.45 0.00	36.49 3.38 0.00	34.14 3.08 0.00	32.92 2.73 -2.30
FRANKLIN_FALL_HYD 24054	28.00 0.33 0.00	26.44 0.49 0.00	25.40 0.50 0.00	24.57 0.46 0.00	25.01 0.44 0.00	26.35 0.54 0.00	31.89 0.75 0.00	33.38 0.81 0.00	33.26 0.94 0.00	33.79 0.98 0.00	33.34 0.88 0.00	33.39 0.72 0.00	33.92 0.67 0.00	34.48 0.41 0.00	35.83 0.35 0.00	36.93 0.29 0.00	40.34 0.56 0.00	42.74 0.59 0.00	42.79 0.38 0.00	40.08 0.24 0.00	37.00 0.26 0.00	33.57 0.46 0.00	31.41 0.34 0.00	28.10 0.22 0.00
FREEPORT_EQUS_GT1 23764	35.92 2.10 -6.15	35.51 1.87 -7.69	29.77 1.74 -3.13	29.54 1.66 -3.77	29.63 1.69 -3.37	34.13 1.81 -6.51	35.23 2.21 -1.88	36.49 2.51 -1.42	36.53 2.55 -1.65	36.29 2.72 -0.77	35.09 2.63 0.00	35.90 2.81 -0.42	36.31 3.06 0.00	37.13 3.07 0.00	38.53 3.05 0.00	39.86 3.22 0.00	43.24 3.46 0.00	45.52 3.37 0.00	45.80 3.39 0.00	42.99 3.15 0.00	39.76 3.01 0.00	36.12 3.01 0.00	33.83 2.76 0.00	32.64 2.45 -2.30
FREEPORT___CT2 23818	35.92 2.10 -6.15	35.51 1.87 -7.69	29.77 1.74 -3.13	29.54 1.66 -3.77	29.63 1.69 -3.37	34.13 1.81 -6.51	35.23 2.21 -1.88	36.49 2.51 -1.42	36.53 2.55 -1.65	36.29 2.72 -0.77	35.09 2.63 0.00	35.90 2.81 -0.42	36.31 3.06 0.00	37.13 3.07 0.00	38.53 3.05 0.00	39.86 3.22 0.00	43.24 3.46 0.00	45.52 3.37 0.00	45.80 3.39 0.00	42.99 3.15 0.00	39.76 3.01 0.00	36.12 3.01 0.00	33.83 2.76 0.00	32.64 2.45 -2.30
FRESHKLS_33_KV_LOAD 356253	29.61 1.94 -0.01	27.67 1.71 -0.01	26.51 1.59 -0.01	25.63 1.52 -0.01	26.12 1.55 -0.01	27.35 1.55 0.00	32.95 1.81 0.00	34.52 1.95 0.00	34.30 1.97 0.00	34.81 2.00 0.00	34.71 2.24 0.00	34.96 2.29 0.00	35.58 2.33 0.00	36.76 2.69 0.00	38.25 2.77 0.00	39.56 2.93 0.01	42.87 3.10 0.01	45.05 2.91 0.00	45.37 2.97 0.00	42.51 2.67 0.00	39.54 2.79 0.00	35.66 2.55 0.00	33.64 2.58 0.00	30.31 2.43 -0.01
FULTON COGEN____ 23766	27.31 -0.36 0.00	25.58 -0.36 0.00	24.56 -0.35 0.00	23.75 -0.36 0.00	24.20 -0.37 0.00	25.44 -0.36 0.00	30.77 -0.37 0.00	32.11 -0.46 0.00	31.68 -0.68 -0.03	32.18 -0.66 -0.03	34.02 -0.68 -2.24	34.36 -0.65 -2.34	35.31 -0.57 -2.62	36.65 -0.34 -2.93	38.52 -0.35 -3.39	40.07 -0.37 -3.80	44.18 -0.44 -4.84	47.66 -0.34 -5.85	47.96 -0.38 -5.93	44.67 -0.32 -5.14	40.41 -0.40 -4.07	35.35 -0.53 -2.76	31.82 -0.50 -1.25	27.43 -0.45 0.00
FULTON___LFGE 323630	30.13 2.46 0.00	28.31 2.36 0.00	27.07 2.17 0.00	26.20 2.10 0.00	26.73 2.16 0.00	28.15 2.35 0.00	34.13 2.99 0.00	35.46 2.90 0.00	34.91 2.59 0.00	35.07 2.26 0.00	34.48 2.01 0.00	34.63 1.96 0.00	35.48 2.23 0.00	36.35 2.28 0.00	38.07 2.59 0.00	39.50 2.86 0.00	43.56 3.78 0.00	46.53 4.38 0.00	46.90 4.49 0.00	44.07 4.22 0.00	40.68 3.93 0.00	36.49 3.38 0.00	34.11 3.05 0.00	30.47 2.59 0.00
G.F.CEMENT___DRP 24184	29.61 1.94 0.00	27.87 1.92 0.00	26.65 1.74 0.00	25.77 1.66 0.00	26.29 1.72 0.00	27.64 1.83 0.00	33.45 2.30 0.00	34.97 2.41 0.00	34.69 2.36 0.00	35.04 2.23 0.00	34.58 2.11 0.00	34.77 2.09 0.00	35.32 2.06 0.00	36.35 2.28 0.00	37.93 2.45 0.00	39.20 2.56 0.00	42.64 2.86 0.00	45.47 3.33 0.00	45.84 3.43 0.00	43.07 3.23 0.00	39.80 3.05 0.00	35.69 2.58 0.00	33.46 2.39 0.00	29.91 2.04 0.00
GARDENVILLE___LBMP 24039	27.20 -0.47 0.00	25.27 -0.67 0.00	24.26 -0.65 0.00	23.38 -0.72 0.00	23.78 -0.79 0.00	25.24 -0.57 0.00	30.30 -0.84 0.00	31.42 -1.14 0.00	30.29 -2.00 0.04	31.29 -1.48 0.04	31.62 -0.84 0.00	32.09 -0.59 0.00	33.35 0.10 0.00	35.16 1.09 0.00	36.22 0.75 0.00	37.22 0.59 0.00	40.78 0.99 0.00	43.07 0.93 0.00	43.08 0.68 0.00	40.44 0.60 0.00	36.53 -0.22 0.00	32.32 -0.79 0.00	30.44 -0.62 0.00	27.65 -0.22 0.00
GARDNVLA_35_KV_LD 355827	27.34 -0.33 0.00	25.38 -0.57 0.00	24.38 -0.52 0.00	23.48 -0.63 0.00	23.88 -0.69 0.00	25.34 -0.46 0.00	30.42 -0.72 0.00	31.59 -0.98 0.00	30.38 -1.91 0.04	31.42 -1.34 0.04	31.78 -0.68 0.00	32.28 -0.39 0.00	33.55 0.30 0.00	35.36 1.29 0.00	36.40 0.92 0.00	37.41 0.77 0.00	40.98 1.19 0.00	43.33 1.18 0.00	43.34 0.93 0.00	40.68 0.84 0.00	36.71 -0.04 0.00	32.48 -0.63 0.00	30.60 -0.47 0.00	27.79 -0.08 0.00
GELCKHM__115KV_LOAD 80723	27.39 -0.28 0.00	25.64 -0.31 0.00	24.60 -0.30 0.00	23.79 -0.31 0.00	24.25 -0.32 0.00	25.52 -0.28 0.00	30.83 -0.31 0.00	32.21 -0.36 0.00	31.73 -0.58 0.02	32.23 -0.56 0.02	32.70 -0.58 -0.82	33.00 -0.52 -0.85	33.78 -0.43 -0.95	34.96 -0.17 -1.07	36.50 -0.21 -1.24	37.80 -0.22 -1.38	41.26 -0.28 -1.76	44.11 -0.17 -2.13	44.35 -0.21 -2.16	41.57 -0.16 -1.88	37.94 -0.29 -1.49	33.69 -0.43 -1.01	31.12 -0.40 -0.46	27.54 -0.33 0.00
GENERAL___MILLS 23808	27.31 -0.36 0.00	25.35 -0.60 0.00	24.33 -0.57 0.00	23.46 -0.65 0.00	23.86 -0.71 0.00	25.31 -0.49 0.00	30.39 -0.75 0.00	31.55 -1.01 0.00	30.32 -1.97 0.04	31.39 -1.38 0.04	31.72 -0.75 0.00	32.22 -0.46 0.00	33.49 0.23 0.00	35.29 1.23 0.00	36.33 0.85 0.00	37.37 0.73 0.00	40.90 1.11 0.00	43.24 1.10 0.00	43.25 0.85 0.00	40.60 0.76 0.00	36.64 -0.11 0.00	32.45 -0.66 0.00	30.57 -0.50 0.00	27.77 -0.11 0.00
GE_PLASTICS___DRP 24183	28.28 0.61 0.00	26.57 0.62 0.00	25.45 0.55 0.00	24.64 0.53 0.00	25.16 0.59 0.00	26.37 0.57 0.00	31.83 0.69 0.00	33.35 0.78 0.00	33.04 0.71 0.00	33.43 0.62 0.00	33.05 0.58 0.00	33.23 0.56 0.00	33.75 0.50 0.00	34.75 0.68 0.00	36.22 0.75 0.00	37.44 0.81 0.00	40.65 0.88 0.00	43.07 0.93 0.00	43.42 1.02 0.00	40.80 0.96 0.00	37.74 0.99 0.00	33.94 0.83 0.00	31.90 0.84 0.00	28.57 0.70 0.00
GILBOA___1 23756	28.33 0.66 0.00	26.55 0.60 0.00	25.58 0.67 0.00	24.90 0.79 0.00	25.38 0.81 0.00	26.37 0.57 0.00	31.82 0.68 0.00	33.34 0.78 0.00	33.04 0.71 0.00	33.62 0.82 0.00	33.24 0.78 0.00	33.46 0.78 0.00	34.25 1.00 0.00	35.09 1.02 0.00	36.54 1.06 0.00	37.66 1.02 0.00	40.89 1.11 0.00	43.24 1.09 0.00	43.51 1.10 0.00	40.88 1.03 0.00	37.77 1.03 0.00	34.07 0.96 0.00	31.97 0.90 0.00	28.69 0.81 0.00
GILBOA___2 23757	28.33 0.66 0.00	26.55 0.60 0.00	25.58 0.67 0.00	24.90 0.79 0.00	25.38 0.81 0.00	26.37 0.57 0.00	31.82 0.68 0.00	33.34 0.78 0.00	33.04 0.71 0.00	33.62 0.82 0.00	33.24 0.78 0.00	33.46 0.78 0.00	34.25 1.00 0.00	35.09 1.02 0.00	36.54 1.06 0.00	37.66 1.02 0.00	40.89 1.11 0.00	43.24 1.09 0.00	43.51 1.10 0.00	40.88 1.03 0.00	37.77 1.03 0.00	34.07 0.96 0.00	31.97 0.90 0.00	28.69 0.81 0.00

GILBOA___3 23758	28.33 0.66 0.00	26.55 0.60 0.00	25.58 0.67 0.00	24.90 0.79 0.00	25.38 0.81 0.00	26.37 0.57 0.00	31.82 0.68 0.00	33.34 0.78 0.00	33.04 0.71 0.00	33.62 0.82 0.00	33.24 0.78 0.00	33.46 0.78 0.00	34.25 1.00 0.00	35.09 1.02 0.00	36.54 1.06 0.00	37.66 1.02 0.00	40.89 1.11 0.00	43.24 1.09 0.00	43.51 1.10 0.00	40.88 1.03 0.00	37.77 1.03 0.00	34.07 0.96 0.00	31.97 0.90 0.00	28.69 0.81 0.00
GILBOA___4 23759	28.33 0.66 0.00	26.55 0.60 0.00	25.58 0.67 0.00	24.90 0.79 0.00	25.38 0.81 0.00	26.37 0.57 0.00	31.82 0.68 0.00	33.34 0.78 0.00	33.04 0.71 0.00	33.62 0.82 0.00	33.24 0.78 0.00	33.46 0.78 0.00	34.25 1.00 0.00	35.09 1.02 0.00	36.54 1.06 0.00	37.66 1.02 0.00	40.89 1.11 0.00	43.24 1.09 0.00	43.51 1.10 0.00	40.88 1.03 0.00	37.77 1.03 0.00	34.07 0.96 0.00	31.97 0.90 0.00	28.69 0.81 0.00
GILBOA___ 23599	28.33 0.66 0.00	26.54 0.60 0.00	25.58 0.67 0.00	24.90 0.80 0.00	25.38 0.81 0.00	26.37 0.57 0.00	31.83 0.69 0.00	33.35 0.78 0.00	33.07 0.74 0.00	33.53 0.72 0.00	33.24 0.78 0.00	33.46 0.78 0.00	34.05 0.80 0.00	35.09 1.02 0.00	36.54 1.06 0.00	37.77 1.14 0.00	40.89 1.11 0.00	43.24 1.10 0.00	43.51 1.10 0.00	40.88 1.04 0.00	37.81 1.07 0.00	34.04 0.93 0.00	31.97 0.90 0.00	28.69 0.81 0.00
GINNA___ 23603	26.01 -1.66 0.00	24.29 -1.66 0.00	23.29 -1.62 0.00	22.44 -1.66 0.00	22.85 -1.72 0.00	24.15 -1.65 0.00	29.08 -2.06 0.00	30.45 -2.12 0.00	30.02 -2.26 0.04	30.60 -2.17 0.04	30.48 -1.98 0.00	30.75 -1.93 0.00	31.92 -1.33 0.00	32.98 -1.09 0.00	34.17 -1.31 0.00	35.39 -1.25 0.00	38.31 -1.47 0.00	40.71 -1.43 0.00	40.88 -1.52 0.00	38.37 -1.47 0.00	34.98 -1.76 0.00	31.12 -1.99 0.00	29.17 -1.90 0.00	26.21 -1.67 0.00
GLEN PARK___ 23778	28.44 0.77 0.00	26.65 0.70 0.00	25.53 0.62 0.00	24.66 0.55 0.00	25.13 0.57 0.00	26.58 0.77 0.00	32.35 1.21 0.00	33.90 1.34 0.00	33.30 0.97 -0.01	33.66 0.85 -0.01	34.14 0.62 -1.06	34.24 0.46 -1.11	35.09 0.60 -1.24	36.03 0.58 -1.38	37.65 0.57 -1.60	39.05 0.62 -1.79	42.82 0.75 -2.29	46.05 1.14 -2.77	46.69 1.48 -2.80	43.95 1.67 -2.43	40.21 1.54 -1.92	35.71 1.29 -1.31	32.71 1.06 -0.59	28.71 0.84 0.00
GLENDALE_27_KV_LOAD 356172	29.61 1.94 -0.01	27.67 1.71 -0.01	26.48 1.57 -0.01	25.61 1.49 -0.01	26.10 1.52 -0.01	27.40 1.60 0.00	33.07 1.93 0.00	34.78 2.21 0.00	34.62 2.30 0.00	35.13 2.33 0.00	35.03 2.56 0.00	35.29 2.61 0.00	35.88 2.63 0.00	37.07 3.00 0.00	38.57 3.09 0.00	39.91 3.26 -0.01	43.25 3.46 -0.01	45.39 3.25 0.00	45.71 3.31 0.00	42.87 3.03 0.00	39.87 3.12 0.00	35.79 2.68 0.00	33.67 2.61 0.00	30.28 2.40 -0.01
GLENWOOD_IC_1_G5 23712	35.95 2.13 -6.15	35.54 1.89 -7.69	29.80 1.77 -3.13	29.56 1.69 -3.77	29.66 1.72 -3.37	34.15 1.83 -6.51	35.26 2.24 -1.88	36.52 2.54 -1.42	36.56 2.59 -1.65	36.20 2.62 -0.77	35.22 2.76 0.00	36.00 2.91 -0.42	36.05 2.79 0.00	37.27 3.20 0.00	38.67 3.19 0.00	40.12 3.48 0.00	43.00 3.22 0.00	45.22 3.08 0.00	45.50 3.10 0.00	42.75 2.91 0.00	39.91 3.16 0.00	36.09 2.98 0.00	33.74 2.67 0.00	32.66 2.48 -2.30
GLENWOOD_IC_2_G1 23688	35.84 2.02 -6.15	35.43 1.79 -7.69	29.73 1.69 -3.13	29.49 1.62 -3.77	29.59 1.65 -3.37	34.08 1.76 -6.51	35.14 2.12 -1.88	36.43 2.44 -1.42	36.47 2.49 -1.65	36.26 2.69 -0.77	35.03 2.56 0.00	35.84 2.74 -0.42	36.25 2.99 0.00	37.10 3.03 0.00	38.49 3.01 0.00	39.79 3.15 0.00	43.04 3.26 0.00	45.31 3.16 0.00	45.59 3.18 0.00	42.83 2.99 0.00	39.72 2.98 0.00	35.99 2.88 0.00	33.74 2.67 0.00	32.58 2.40 -2.30
GLENWOOD_IC_3_G1 23689	35.84 2.02 -6.15	35.43 1.79 -7.69	29.73 1.69 -3.13	29.49 1.62 -3.77	29.59 1.65 -3.37	34.08 1.76 -6.51	35.14 2.12 -1.88	36.43 2.44 -1.42	36.47 2.49 -1.65	36.26 2.69 -0.77	35.03 2.56 0.00	35.84 2.74 -0.42	36.25 2.99 0.00	37.10 3.03 0.00	38.49 3.01 0.00	39.79 3.15 0.00	43.04 3.26 0.00	45.31 3.16 0.00	45.59 3.18 0.00	42.83 2.99 0.00	39.72 2.98 0.00	35.99 2.88 0.00	33.74 2.67 0.00	32.58 2.40 -2.30
GLENWOOD___4 23550	35.95 2.13 -6.15	35.54 1.89 -7.69	29.80 1.77 -3.13	29.56 1.69 -3.77	29.66 1.72 -3.37	34.15 1.83 -6.51	35.26 2.24 -1.88	36.52 2.54 -1.42	36.56 2.59 -1.65	36.20 2.62 -0.77	35.22 2.76 0.00	36.00 2.91 -0.42	36.05 2.79 0.00	37.27 3.20 0.00	38.67 3.19 0.00	40.12 3.48 0.00	43.08 3.30 0.00	45.35 3.20 0.00	45.63 3.22 0.00	42.83 2.99 0.00	39.91 3.16 0.00	36.09 2.98 0.00	33.74 2.67 0.00	32.66 2.48 -2.30
GLENWOOD___5 23614	35.95 2.13 -6.15	35.54 1.89 -7.69	29.80 1.77 -3.13	29.56 1.69 -3.77	29.66 1.72 -3.37	34.15 1.83 -6.51	35.26 2.24 -1.88	36.52 2.54 -1.42	36.56 2.59 -1.65	36.20 2.62 -0.77	35.22 2.76 0.00	36.00 2.91 -0.42	36.05 2.79 0.00	37.27 3.20 0.00	38.67 3.19 0.00	40.12 3.48 0.00	43.08 3.30 0.00	45.35 3.20 0.00	45.63 3.22 0.00	42.83 2.99 0.00	39.91 3.16 0.00	36.09 2.98 0.00	33.74 2.67 0.00	32.66 2.48 -2.30
GLOBAL GREEN_PORT_GT1 23814	35.12 1.30 -6.15	34.60 0.96 -7.69	29.00 0.97 -3.13	28.74 0.87 -3.77	28.90 0.96 -3.37	33.38 1.06 -6.51	33.64 0.62 -1.88	35.06 1.07 -1.42	35.18 1.20 -1.65	34.75 1.18 -0.77	34.51 2.05 0.00	35.71 2.61 -0.42	35.92 2.66 0.00	36.79 2.73 0.00	38.17 2.70 0.00	39.53 2.89 0.00	43.36 3.58 0.00	45.73 3.58 0.00	45.92 3.52 0.00	42.99 3.15 0.00	38.91 2.17 0.00	35.83 2.72 0.00	33.08 2.02 0.00	31.60 1.42 -2.30
GLOBE___DSASP 323697	26.15 -1.52 0.00	24.37 -1.58 0.00	23.38 -1.52 0.00	22.52 -1.59 0.00	22.92 -1.65 0.00	24.26 -1.55 0.00	28.93 -2.21 0.00	29.93 -2.64 0.00	29.22 -3.07 0.04	30.04 -2.72 0.04	30.16 -2.31 0.00	30.62 -2.06 0.00	31.89 -1.36 0.00	33.56 -0.51 0.00	34.52 -0.96 0.00	35.47 -1.17 0.00	38.78 -0.99 0.00	40.96 -1.18 0.00	41.01 -1.40 0.00	38.53 -1.31 0.00	34.80 -1.95 0.00	30.83 -2.28 0.00	29.14 -1.93 0.00	26.51 -1.37 0.00
GOETHSLN___LBMP 323567	29.27 1.60 0.00	27.32 1.38 0.00	26.17 1.27 0.00	25.31 1.21 0.00	25.80 1.23 0.00	27.12 1.32 0.00	32.79 1.65 0.00	34.49 1.92 0.00	34.36 2.04 0.00	34.87 2.07 0.00	34.71 2.24 0.00	34.93 2.25 0.00	35.52 2.26 0.00	36.62 2.56 0.00	38.10 2.63 0.00	39.39 2.75 0.00	42.64 2.86 0.00	44.84 2.70 0.00	45.12 2.71 0.00	42.35 2.51 0.00	39.50 2.76 0.00	35.46 2.35 0.00	33.33 2.27 0.00	29.94 2.06 0.00
GOLAH___69_KV_TB 1_2 80279	27.17 -0.50 0.00	25.35 -0.60 0.00	24.28 -0.62 0.00	23.38 -0.72 0.00	23.81 -0.76 0.00	25.24 -0.57 0.00	30.30 -0.84 0.00	31.55 -1.01 0.00	30.99 -1.29 0.04	31.68 -1.08 0.04	31.56 -0.91 0.00	31.99 -0.69 0.00	33.02 -0.23 0.00	34.54 0.48 0.00	35.69 0.21 0.00	36.71 0.07 0.00	39.94 0.16 0.00	42.40 0.25 0.00	42.62 0.21 0.00	40.04 0.20 0.00	36.42 -0.33 0.00	32.38 -0.73 0.00	30.41 -0.65 0.00	27.46 -0.42 0.00

GOODYEAR_LAKE_HYD 323669	29.00 1.33 0.00	27.14 1.19 0.00	26.05 1.15 0.00	25.24 1.13 0.00	25.75 1.18 0.00	27.02 1.21 0.00	32.70 1.56 0.00	34.19 1.63 0.00	33.72 1.39 0.00	34.18 1.38 0.00	34.03 1.36 -0.20	34.29 1.40 -0.21	34.99 1.50 -0.24	36.07 1.74 -0.26	37.63 1.84 -0.31	38.92 1.94 -0.34	42.44 2.23 -0.43	45.11 2.44 -0.52	45.48 2.54 -0.53	42.72 2.43 -0.44	39.34 2.24 -0.35	35.20 1.85 -0.24	32.85 1.68 -0.11	29.36 1.48 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	27.97 0.30 0.00	26.13 0.18 0.00	25.10 0.20 0.00	24.28 0.17 0.00	24.74 0.17 0.00	26.04 0.23 0.00	31.45 0.31 0.00	32.89 0.33 0.00	32.25 -0.06 0.01	32.86 0.07 0.01	33.16 0.19 -0.50	33.46 0.26 -0.53	34.24 0.40 -0.59	35.51 0.78 -0.66	37.02 0.78 -0.76	38.30 0.81 -0.85	41.77 0.91 -1.07	44.46 1.01 -1.30	44.74 1.02 -1.32	41.93 1.00 -1.09	38.35 0.73 -0.87	34.10 0.40 -0.59	31.67 0.34 -0.27	28.21 0.33 0.00
GOUDEY___7 23579	27.97 0.30 0.00	26.13 0.18 0.00	25.10 0.20 0.00	24.28 0.17 0.00	24.74 0.17 0.00	26.04 0.23 0.00	31.45 0.31 0.00	32.89 0.33 0.00	32.25 -0.06 0.01	32.86 0.07 0.01	33.16 0.19 -0.50	33.46 0.26 -0.53	34.24 0.40 -0.59	35.51 0.78 -0.66	37.02 0.78 -0.76	38.30 0.81 -0.85	41.77 0.91 -1.07	44.46 1.01 -1.30	44.74 1.02 -1.32	41.93 1.00 -1.09	38.35 0.73 -0.87	34.10 0.40 -0.59	31.67 0.34 -0.27	28.21 0.33 0.00
GOUDEY___8 23580	27.97 0.30 0.00	26.13 0.18 0.00	25.10 0.20 0.00	24.28 0.17 0.00	24.74 0.17 0.00	26.04 0.23 0.00	31.45 0.31 0.00	32.89 0.33 0.00	32.25 -0.06 0.01	32.86 0.07 0.01	33.16 0.19 -0.50	33.46 0.26 -0.53	34.24 0.40 -0.59	35.51 0.78 -0.66	37.02 0.78 -0.76	38.30 0.81 -0.85	41.77 0.91 -1.07	44.46 1.01 -1.30	44.74 1.02 -1.32	41.93 1.00 -1.09	38.35 0.73 -0.87	34.10 0.40 -0.59	31.67 0.34 -0.27	28.21 0.33 0.00
GOWANUS_GT1_1 24077	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.63 1.52 -0.01	26.12 1.55 -0.01	27.40 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.52 2.20 0.00	35.04 2.23 0.00	34.93 2.47 0.00	35.22 2.55 0.00	35.82 2.56 0.00	37.00 2.93 0.00	38.50 3.02 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.80 3.05 0.00	35.76 2.65 0.00	33.71 2.64 0.00	30.31 2.43 -0.01
GOWANUS_GT1_2 24078	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.63 1.52 -0.01	26.12 1.55 -0.01	27.40 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.52 2.20 0.00	35.04 2.23 0.00	34.93 2.47 0.00	35.22 2.55 0.00	35.82 2.56 0.00	37.00 2.93 0.00	38.50 3.02 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.80 3.05 0.00	35.76 2.65 0.00	33.71 2.64 0.00	30.31 2.43 -0.01
GOWANUS_GT1_3 24079	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.63 1.52 -0.01	26.12 1.55 -0.01	27.40 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.52 2.20 0.00	35.04 2.23 0.00	34.93 2.47 0.00	35.22 2.55 0.00	35.82 2.56 0.00	37.00 2.93 0.00	38.50 3.02 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.80 3.05 0.00	35.76 2.65 0.00	33.71 2.64 0.00	30.31 2.43 -0.01
GOWANUS_GT1_4 24080	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.63 1.52 -0.01	26.12 1.55 -0.01	27.40 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.52 2.20 0.00	35.04 2.23 0.00	34.93 2.47 0.00	35.22 2.55 0.00	35.82 2.56 0.00	37.00 2.93 0.00	38.50 3.02 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.80 3.05 0.00	35.76 2.65 0.00	33.71 2.64 0.00	30.31 2.43 -0.01
GOWANUS_GT1_5 24084	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.63 1.52 -0.01	26.12 1.55 -0.01	27.40 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.52 2.20 0.00	35.04 2.23 0.00	34.93 2.47 0.00	35.22 2.55 0.00	35.82 2.56 0.00	37.00 2.93 0.00	38.50 3.02 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.80 3.05 0.00	35.76 2.65 0.00	33.71 2.64 0.00	30.31 2.43 -0.01
GOWANUS_GT1_6 24111	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.63 1.52 -0.01	26.12 1.55 -0.01	27.40 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.52 2.20 0.00	35.04 2.23 0.00	34.93 2.47 0.00	35.22 2.55 0.00	35.82 2.56 0.00	37.00 2.93 0.00	38.50 3.02 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.80 3.05 0.00	35.76 2.65 0.00	33.71 2.64 0.00	30.31 2.43 -0.01
GOWANUS_GT1_7 24112	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.63 1.52 -0.01	26.12 1.55 -0.01	27.40 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.52 2.20 0.00	35.04 2.23 0.00	34.93 2.47 0.00	35.22 2.55 0.00	35.82 2.56 0.00	37.00 2.93 0.00	38.50 3.02 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.80 3.05 0.00	35.76 2.65 0.00	33.71 2.64 0.00	30.31 2.43 -0.01
GOWANUS_GT1_8 24113	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.63 1.52 -0.01	26.12 1.55 -0.01	27.40 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.52 2.20 0.00	35.04 2.23 0.00	34.93 2.47 0.00	35.22 2.55 0.00	35.82 2.56 0.00	37.00 2.93 0.00	38.50 3.02 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.80 3.05 0.00	35.76 2.65 0.00	33.71 2.64 0.00	30.31 2.43 -0.01
GOWANUS_GT2_1 24114	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.64 1.52 -0.01	26.12 1.55 -0.01	27.41 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.53 2.20 0.00	35.23 2.43 0.00	34.87 2.40 0.00	35.22 2.55 0.00	36.12 2.86 0.00	37.00 2.93 0.00	38.49 3.01 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.79 3.05 0.00	35.83 2.72 0.00	33.70 2.64 0.00	30.31 2.42 -0.01
GOWANUS_GT2_2 24115	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.64 1.52 -0.01	26.12 1.55 -0.01	27.41 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.53 2.20 0.00	35.23 2.43 0.00	34.87 2.40 0.00	35.22 2.55 0.00	36.12 2.86 0.00	37.00 2.93 0.00	38.49 3.01 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.79 3.05 0.00	35.83 2.72 0.00	33.70 2.64 0.00	30.31 2.42 -0.01
GOWANUS_GT2_3 24116	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.64 1.52 -0.01	26.12 1.55 -0.01	27.41 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.53 2.20 0.00	35.23 2.43 0.00	34.87 2.40 0.00	35.22 2.55 0.00	36.12 2.86 0.00	37.00 2.93 0.00	38.49 3.01 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.79 3.05 0.00	35.83 2.72 0.00	33.70 2.64 0.00	30.31 2.42 -0.01

GOWANUS_GT2_4 24117	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.64 1.52 -0.01	26.12 1.55 -0.01	27.41 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.53 2.20 0.00	35.23 2.43 0.00	34.87 2.40 0.00	35.22 2.55 0.00	36.12 2.86 0.00	37.00 2.93 0.00	38.49 3.01 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.79 3.05 0.00	35.83 2.72 0.00	33.70 2.64 0.00	30.31 2.42 -0.01
GOWANUS_GT2_5 24118	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.64 1.52 -0.01	26.12 1.55 -0.01	27.41 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.53 2.20 0.00	35.23 2.43 0.00	34.87 2.40 0.00	35.22 2.55 0.00	36.12 2.86 0.00	37.00 2.93 0.00	38.49 3.01 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.79 3.05 0.00	35.83 2.72 0.00	33.70 2.64 0.00	30.31 2.42 -0.01
GOWANUS_GT2_6 24119	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.64 1.52 -0.01	26.12 1.55 -0.01	27.41 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.53 2.20 0.00	35.23 2.43 0.00	34.87 2.40 0.00	35.22 2.55 0.00	36.12 2.86 0.00	37.00 2.93 0.00	38.49 3.01 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.79 3.05 0.00	35.83 2.72 0.00	33.70 2.64 0.00	30.31 2.42 -0.01
GOWANUS_GT2_7 24120	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.64 1.52 -0.01	26.12 1.55 -0.01	27.41 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.53 2.20 0.00	35.23 2.43 0.00	34.87 2.40 0.00	35.22 2.55 0.00	36.12 2.86 0.00	37.00 2.93 0.00	38.49 3.01 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.79 3.05 0.00	35.83 2.72 0.00	33.70 2.64 0.00	30.31 2.42 -0.01
GOWANUS_GT2_8 24121	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.64 1.52 -0.01	26.12 1.55 -0.01	27.41 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.53 2.20 0.00	35.23 2.43 0.00	34.87 2.40 0.00	35.22 2.55 0.00	36.12 2.86 0.00	37.00 2.93 0.00	38.49 3.01 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.79 3.05 0.00	35.83 2.72 0.00	33.70 2.64 0.00	30.31 2.42 -0.01
GOWANUS_GT3_1 24122	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.64 1.52 -0.01	26.12 1.55 -0.01	27.41 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.53 2.20 0.00	35.23 2.43 0.00	34.87 2.40 0.00	35.22 2.55 0.00	36.12 2.86 0.00	37.00 2.93 0.00	38.49 3.01 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.79 3.05 0.00	35.83 2.72 0.00	33.70 2.64 0.00	30.31 2.42 -0.01
GOWANUS_GT3_2 24123	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.64 1.52 -0.01	26.12 1.55 -0.01	27.41 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.53 2.20 0.00	35.23 2.43 0.00	34.87 2.40 0.00	35.22 2.55 0.00	36.12 2.86 0.00	37.00 2.93 0.00	38.49 3.01 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.79 3.05 0.00	35.83 2.72 0.00	33.70 2.64 0.00	30.31 2.42 -0.01
GOWANUS_GT3_3 24124	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.64 1.52 -0.01	26.12 1.55 -0.01	27.41 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.53 2.20 0.00	35.23 2.43 0.00	34.87 2.40 0.00	35.22 2.55 0.00	36.12 2.86 0.00	37.00 2.93 0.00	38.49 3.01 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.79 3.05 0.00	35.83 2.72 0.00	33.70 2.64 0.00	30.31 2.42 -0.01
GOWANUS_GT3_4 24125	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.64 1.52 -0.01	26.12 1.55 -0.01	27.41 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.53 2.20 0.00	35.23 2.43 0.00	34.87 2.40 0.00	35.22 2.55 0.00	36.12 2.86 0.00	37.00 2.93 0.00	38.49 3.01 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.79 3.05 0.00	35.83 2.72 0.00	33.70 2.64 0.00	30.31 2.42 -0.01
GOWANUS_GT3_5 24126	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.64 1.52 -0.01	26.12 1.55 -0.01	27.41 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.53 2.20 0.00	35.23 2.43 0.00	34.87 2.40 0.00	35.22 2.55 0.00	36.12 2.86 0.00	37.00 2.93 0.00	38.49 3.01 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.79 3.05 0.00	35.83 2.72 0.00	33.70 2.64 0.00	30.31 2.42 -0.01
GOWANUS_GT3_6 24127	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.64 1.52 -0.01	26.12 1.55 -0.01	27.41 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.53 2.20 0.00	35.23 2.43 0.00	34.87 2.40 0.00	35.22 2.55 0.00	36.12 2.86 0.00	37.00 2.93 0.00	38.49 3.01 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.79 3.05 0.00	35.83 2.72 0.00	33.70 2.64 0.00	30.31 2.42 -0.01
GOWANUS_GT3_7 24128	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.64 1.52 -0.01	26.12 1.55 -0.01	27.41 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.53 2.20 0.00	35.23 2.43 0.00	34.87 2.40 0.00	35.22 2.55 0.00	36.12 2.86 0.00	37.00 2.93 0.00	38.49 3.01 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.79 3.05 0.00	35.83 2.72 0.00	33.70 2.64 0.00	30.31 2.42 -0.01
GOWANUS_GT3_8 24129	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.64 1.52 -0.01	26.12 1.55 -0.01	27.41 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.53 2.20 0.00	35.23 2.43 0.00	34.87 2.40 0.00	35.22 2.55 0.00	36.12 2.86 0.00	37.00 2.93 0.00	38.49 3.01 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.79 3.05 0.00	35.83 2.72 0.00	33.70 2.64 0.00	30.31 2.42 -0.01
GOWANUS_GT4_1 24130	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.63 1.52 -0.01	26.12 1.55 -0.01	27.40 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.52 2.20 0.00	35.04 2.23 0.00	34.93 2.47 0.00	35.22 2.55 0.00	35.82 2.56 0.00	37.00 2.93 0.00	38.50 3.02 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.80 3.05 0.00	35.76 2.65 0.00	33.71 2.64 0.00	30.31 2.43 -0.01
GOWANUS_GT4_2 24131	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.63 1.52 -0.01	26.12 1.55 -0.01	27.40 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.52 2.20 0.00	35.04 2.23 0.00	34.93 2.47 0.00	35.22 2.55 0.00	35.82 2.56 0.00	37.00 2.93 0.00	38.50 3.02 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.80 3.05 0.00	35.76 2.65 0.00	33.71 2.64 0.00	30.31 2.43 -0.01

GOWANUS_GT4_3 24132	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.63 1.52 -0.01	26.12 1.55 -0.01	27.40 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.52 2.20 0.00	35.04 2.23 0.00	34.93 2.47 0.00	35.22 2.55 0.00	35.82 2.56 0.00	37.00 2.93 0.00	38.50 3.02 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.80 3.05 0.00	35.76 2.65 0.00	33.71 2.64 0.00	30.31 2.43 -0.01
GOWANUS_GT4_4 24133	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.63 1.52 -0.01	26.12 1.55 -0.01	27.40 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.52 2.20 0.00	35.04 2.23 0.00	34.93 2.47 0.00	35.22 2.55 0.00	35.82 2.56 0.00	37.00 2.93 0.00	38.50 3.02 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.80 3.05 0.00	35.76 2.65 0.00	33.71 2.64 0.00	30.31 2.43 -0.01
GOWANUS_GT4_5 24134	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.63 1.52 -0.01	26.12 1.55 -0.01	27.40 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.52 2.20 0.00	35.04 2.23 0.00	34.93 2.47 0.00	35.22 2.55 0.00	35.82 2.56 0.00	37.00 2.93 0.00	38.50 3.02 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.80 3.05 0.00	35.76 2.65 0.00	33.71 2.64 0.00	30.31 2.43 -0.01
GOWANUS_GT4_6 24135	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.63 1.52 -0.01	26.12 1.55 -0.01	27.40 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.52 2.20 0.00	35.04 2.23 0.00	34.93 2.47 0.00	35.22 2.55 0.00	35.82 2.56 0.00	37.00 2.93 0.00	38.50 3.02 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.80 3.05 0.00	35.76 2.65 0.00	33.71 2.64 0.00	30.31 2.43 -0.01
GOWANUS_GT4_7 24136	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.63 1.52 -0.01	26.12 1.55 -0.01	27.40 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.52 2.20 0.00	35.04 2.23 0.00	34.93 2.47 0.00	35.22 2.55 0.00	35.82 2.56 0.00	37.00 2.93 0.00	38.50 3.02 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.80 3.05 0.00	35.76 2.65 0.00	33.71 2.64 0.00	30.31 2.43 -0.01
GOWANUS_GT4_8 24137	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.63 1.52 -0.01	26.12 1.55 -0.01	27.40 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.52 2.20 0.00	35.04 2.23 0.00	34.93 2.47 0.00	35.22 2.55 0.00	35.82 2.56 0.00	37.00 2.93 0.00	38.50 3.02 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.80 3.05 0.00	35.76 2.65 0.00	33.71 2.64 0.00	30.31 2.43 -0.01
GREENBSH_115KV_TB3 55895	28.17 0.50 0.00	26.47 0.52 0.00	25.38 0.47 0.00	24.57 0.46 0.00	25.06 0.49 0.00	26.29 0.49 0.00	31.73 0.59 0.00	33.28 0.72 0.00	32.94 0.61 0.00	33.36 0.56 0.00	32.98 0.52 0.00	33.16 0.49 0.00	33.65 0.40 0.00	34.65 0.58 0.00	36.15 0.67 0.00	37.37 0.73 0.00	40.53 0.76 0.00	42.95 0.80 0.00	43.30 0.89 0.00	40.68 0.84 0.00	37.63 0.88 0.00	33.84 0.73 0.00	31.81 0.75 0.00	28.49 0.61 0.00
GREENIDGE_115KV_TB5 80291	28.00 0.33 0.00	26.13 0.18 0.00	25.05 0.15 0.00	24.18 0.07 0.00	24.64 0.07 0.00	26.09 0.28 0.00	31.58 0.44 0.00	33.12 0.55 0.00	32.11 -0.19 0.02	32.78 0.00 0.02	33.02 0.16 -0.39	33.41 0.33 -0.41	34.38 0.67 -0.46	35.91 1.33 -0.51	37.35 1.28 -0.59	38.29 0.99 -0.66	41.75 1.15 -0.82	44.65 1.52 -0.99	44.85 1.44 -1.00	41.91 1.16 -0.91	38.13 0.66 -0.72	34.00 0.40 -0.49	31.63 0.34 -0.22	28.16 0.28 0.00
GREENIDGE___3 23582	28.00 0.33 0.00	26.13 0.18 0.00	25.05 0.15 0.00	24.18 0.07 0.00	24.64 0.07 0.00	26.09 0.28 0.00	31.58 0.44 0.00	33.12 0.55 0.00	32.11 -0.19 0.02	32.78 0.00 0.02	33.02 0.16 -0.39	33.41 0.33 -0.41	34.38 0.67 -0.46	35.91 1.33 -0.51	37.35 1.28 -0.59	38.29 0.99 -0.66	41.75 1.15 -0.82	44.65 1.52 -0.99	44.85 1.44 -1.00	41.91 1.16 -0.91	38.13 0.66 -0.72	34.00 0.40 -0.49	31.63 0.34 -0.22	28.16 0.28 0.00
GREENIDGE___4 23583	28.00 0.33 0.00	26.13 0.18 0.00	25.05 0.15 0.00	24.18 0.07 0.00	24.64 0.07 0.00	26.09 0.28 0.00	31.58 0.44 0.00	33.12 0.55 0.00	32.11 -0.19 0.02	32.85 0.07 0.02	33.11 0.26 -0.39	33.41 0.33 -0.41	34.74 1.03 -0.46	35.94 1.36 -0.51	37.35 1.28 -0.59	38.77 1.47 -0.66	41.75 1.15 -0.82	44.65 1.52 -0.99	44.85 1.44 -1.00	41.91 1.16 -0.91	38.46 0.99 -0.72	34.03 0.43 -0.49	31.63 0.34 -0.22	28.16 0.28 0.00
GREENLWN_69_KV_BK 3 55738	35.81 1.99 -6.15	35.46 1.82 -7.69	29.73 1.69 -3.13	29.46 1.59 -3.77	29.59 1.65 -3.37	34.07 1.75 -6.51	35.11 2.09 -1.88	36.30 2.31 -1.42	36.34 2.36 -1.65	35.97 2.39 -0.77	34.64 2.18 0.00	35.48 2.39 -0.42	35.45 2.19 0.00	36.69 2.62 0.00	38.03 2.55 0.00	39.57 2.93 0.00	42.60 2.82 0.00	44.88 2.74 0.00	45.16 2.76 0.00	42.51 2.67 0.00	39.28 2.54 0.00	35.69 2.58 0.00	33.58 2.52 0.00	32.69 2.51 -2.30
GREENWD_138_KV_38B11_REV_LBMP_J 345004	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.63 1.52 -0.01	26.12 1.55 -0.01	27.40 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.52 2.20 0.00	35.04 2.23 0.00	34.93 2.47 0.00	35.22 2.55 0.00	35.82 2.56 0.00	37.00 2.93 0.00	38.50 3.02 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.80 3.05 0.00	35.76 2.65 0.00	33.71 2.64 0.00	30.31 2.43 -0.01
GRISSOM___SOLAR 323813	29.94 2.27 0.00	28.15 2.20 0.00	26.90 1.99 0.00	26.06 1.95 0.00	26.56 1.99 0.00	27.97 2.17 0.00	33.91 2.77 0.00	35.27 2.70 0.00	34.75 2.43 0.00	34.97 2.16 0.00	34.38 1.91 0.00	34.57 1.89 0.00	35.39 2.13 0.00	36.25 2.18 0.00	37.96 2.48 0.00	39.35 2.71 0.00	43.28 3.50 0.00	46.19 4.05 0.00	46.56 4.16 0.00	43.75 3.91 0.00	40.39 3.64 0.00	36.26 3.15 0.00	33.89 2.83 0.00	30.30 2.42 0.00
GROVEVILLE___HYD 323602	29.19 1.52 0.00	27.30 1.35 0.00	26.17 1.27 0.00	25.29 1.18 0.00	25.77 1.20 0.00	27.09 1.29 0.00	32.67 1.53 0.00	34.26 1.69 0.00	34.07 1.75 0.00	34.51 1.71 0.00	34.25 1.79 0.00	34.41 1.73 0.00	35.02 1.76 0.00	36.15 2.08 0.00	37.71 2.24 0.00	38.98 2.34 0.00	42.28 2.51 0.00	44.59 2.44 0.00	44.91 2.50 0.00	42.16 2.31 0.00	39.10 2.35 0.00	35.10 1.99 0.00	33.05 1.99 0.00	29.63 1.76 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	27.56 -0.11 0.00	25.82 -0.13 0.00	24.75 -0.15 0.00	23.94 -0.17 0.00	24.40 -0.17 0.00	25.68 -0.13 0.00	31.05 -0.09 0.00	32.43 -0.13 0.00	31.94 -0.39 0.00	32.44 -0.36 0.00	33.34 -0.39 -1.26	33.70 -0.29 -1.32	34.53 -0.20 -1.47	35.78 0.07 -1.65	37.46 0.07 -1.91	38.85 0.07 -2.14	42.50 0.00 -2.72	45.56 0.13 -3.29	45.87 0.13 -3.34	42.85 0.12 -2.89	39.03 0.00 -2.29	34.46 -0.20 -1.55	31.58 -0.19 -0.70	27.71 -0.17 0.00

HAMLTNNY_34_KV_TB 80303	27.56 -0.11 0.00	25.79 -0.16 0.00	24.73 -0.17 0.00	23.91 -0.19 0.00	24.37 -0.20 0.00	25.68 -0.13 0.00	31.02 -0.12 0.00	32.43 -0.13 0.00	31.91 -0.42 0.00	32.44 -0.36 0.00	33.38 -0.39 -1.30	33.74 -0.29 -1.36	34.61 -0.17 -1.52	35.94 0.17 -1.70	37.59 0.14 -1.97	38.99 0.15 -2.21	42.71 0.12 -2.81	45.79 0.25 -3.39	46.06 0.21 -3.44	43.02 0.20 -2.98	39.14 0.04 -2.36	34.51 -0.20 -1.60	31.60 -0.19 -0.72	27.71 -0.17 0.00
HAMPSHIRE___PAPER_HYD 323593	27.75 0.08 0.00	26.13 0.18 0.00	25.05 0.15 0.00	24.20 0.10 0.00	24.67 0.10 0.00	26.01 0.21 0.00	31.54 0.40 0.00	33.02 0.46 0.00	32.72 0.39 0.00	33.07 0.26 0.00	33.07 0.16 -0.44	33.07 -0.07 -0.46	33.54 -0.23 -0.51	34.40 -0.24 -0.57	35.86 -0.29 -0.67	37.09 -0.29 -0.74	40.45 -0.28 -0.95	43.13 -0.17 -1.15	43.49 -0.08 -1.16	40.97 0.12 -1.01	37.77 0.22 -0.80	34.08 0.43 -0.54	31.68 0.37 -0.24	28.13 0.25 0.00
HARDSCRABBLE_WT_PWR 323673	27.92 0.25 0.00	26.15 0.21 0.00	25.13 0.22 0.00	24.30 0.19 0.00	24.81 0.25 0.00	26.09 0.28 0.00	31.48 0.34 0.00	32.92 0.36 0.00	32.62 0.29 0.00	33.20 0.40 0.00	32.82 0.36 0.00	33.07 0.39 0.00	33.72 0.47 0.00	34.48 0.41 0.00	35.91 0.43 0.00	37.04 0.40 0.00	40.22 0.44 0.00	42.57 0.42 0.00	42.53 0.13 0.00	39.69 -0.16 0.00	36.56 -0.18 0.00	32.95 -0.16 0.00	30.85 -0.22 0.00	27.65 -0.22 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	28.94 1.27 0.00	27.04 1.09 0.00	25.92 1.02 0.00	25.07 0.96 0.00	25.55 0.98 0.00	26.86 1.06 0.00	32.42 1.28 0.00	34.03 1.47 0.00	33.81 1.49 0.00	34.28 1.48 0.00	34.06 1.59 0.00	34.24 1.57 0.00	34.82 1.56 0.00	35.94 1.87 0.00	37.47 1.99 0.00	38.76 2.12 0.00	42.05 2.27 0.00	44.34 2.19 0.00	44.70 2.29 0.00	41.92 2.07 0.00	38.88 2.13 0.00	34.90 1.79 0.00	32.80 1.74 0.00	29.44 1.56 0.00
HARSNRAD_115KV_TB1 81005	26.65 -1.02 0.00	24.78 -1.17 0.00	23.78 -1.12 0.00	22.90 -1.21 0.00	23.29 -1.28 0.00	24.70 -1.11 0.00	29.58 -1.56 0.00	30.68 -1.89 0.00	29.83 -2.46 0.04	30.70 -2.07 0.04	30.87 -1.59 0.00	31.37 -1.31 0.00	32.62 -0.63 0.00	34.37 0.31 0.00	35.37 -0.11 0.00	36.38 -0.26 0.00	39.78 0.00 0.00	42.06 -0.08 0.00	42.07 -0.34 0.00	39.53 -0.32 0.00	35.68 -1.07 0.00	31.59 -1.52 0.00	29.79 -1.27 0.00	27.07 -0.81 0.00
HARZA MOOSE___RIVER 24016	28.39 0.72 0.00	26.60 0.65 0.00	25.50 0.60 0.00	24.64 0.53 0.00	25.13 0.57 0.00	26.50 0.70 0.00	32.11 0.97 0.00	33.61 1.04 0.00	33.13 0.81 0.00	33.59 0.79 0.00	33.50 0.65 -0.39	33.67 0.59 -0.40	34.34 0.63 -0.45	35.25 0.68 -0.51	36.77 0.71 -0.59	38.03 0.73 -0.65	41.49 0.88 -0.84	44.21 1.05 -1.01	44.70 1.27 -1.02	42.04 1.31 -0.88	38.69 1.25 -0.70	34.64 1.06 -0.47	32.15 0.87 -0.21	28.60 0.72 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	27.42 -0.25 0.00	25.66 -0.29 0.00	24.63 -0.27 0.00	23.82 -0.29 0.00	24.27 -0.29 0.00	25.55 -0.26 0.00	30.89 -0.25 0.00	32.24 -0.33 0.00	31.76 -0.55 0.02	32.26 -0.52 0.02	32.64 -0.52 -0.69	32.94 -0.46 -0.73	33.70 -0.37 -0.81	34.87 -0.10 -0.91	36.42 -0.11 -1.05	37.70 -0.11 -1.18	41.12 -0.16 -1.50	43.87 -0.08 -1.81	44.12 -0.13 -1.84	41.29 -0.12 -1.56	37.76 -0.22 -1.24	33.55 -0.40 -0.84	31.07 -0.37 -0.38	27.57 -0.31 0.00
HELLGATE_13_KV_LD 55870	29.50 1.83 -0.01	27.56 1.61 -0.01	26.41 1.49 -0.01	25.54 1.42 -0.01	26.03 1.45 -0.01	27.33 1.52 0.00	32.92 1.78 0.00	34.62 2.05 0.00	34.46 2.13 0.00	34.97 2.17 0.00	34.84 2.37 0.00	35.12 2.45 0.00	35.68 2.43 0.00	36.86 2.79 0.00	38.35 2.87 0.00	39.72 3.08 -0.01	43.01 3.22 -0.01	45.14 2.99 0.00	45.42 3.01 0.00	42.63 2.79 0.00	39.69 2.94 0.00	35.63 2.52 0.00	33.52 2.45 0.00	30.17 2.29 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	29.50 1.83 -0.01	27.56 1.61 -0.01	26.41 1.49 -0.01	25.54 1.42 -0.01	26.03 1.45 -0.01	27.33 1.52 0.00	32.92 1.78 0.00	34.62 2.05 0.00	34.46 2.13 0.00	34.97 2.17 0.00	34.84 2.37 0.00	35.12 2.45 0.00	35.68 2.43 0.00	36.86 2.79 0.00	38.35 2.87 0.00	39.72 3.08 -0.01	43.01 3.22 -0.01	45.14 2.99 0.00	45.42 3.01 0.00	42.63 2.79 0.00	39.69 2.94 0.00	35.63 2.52 0.00	33.52 2.45 0.00	30.17 2.29 -0.01
HEMPSTEAD____ 23647	35.76 1.94 -6.15	35.38 1.74 -7.69	29.65 1.62 -3.13	29.42 1.54 -3.77	29.51 1.57 -3.37	34.00 1.68 -6.51	35.08 2.05 -1.88	36.33 2.35 -1.42	36.37 2.39 -1.65	36.16 2.59 -0.77	34.93 2.47 0.00	35.74 2.65 -0.42	36.15 2.89 0.00	37.00 2.93 0.00	38.39 2.91 0.00	39.68 3.04 0.00	42.92 3.14 0.00	45.18 3.04 0.00	45.46 3.05 0.00	42.71 2.87 0.00	39.58 2.83 0.00	35.92 2.81 0.00	33.67 2.61 0.00	32.50 2.31 -2.30
HEWLETT_69_KV_BK3 55828	36.04 2.21 -6.15	35.61 1.97 -7.69	29.87 1.84 -3.13	29.63 1.76 -3.77	29.73 1.79 -3.37	34.23 1.91 -6.51	35.36 2.34 -1.88	36.59 2.61 -1.42	36.63 2.65 -1.65	36.26 2.69 -0.77	35.32 2.86 0.00	36.10 3.01 -0.42	36.15 2.89 0.00	37.34 3.27 0.00	38.74 3.26 0.00	40.19 3.55 0.00	43.44 3.66 0.00	45.73 3.58 0.00	46.01 3.60 0.00	43.19 3.35 0.00	40.02 3.27 0.00	36.19 3.08 0.00	33.86 2.80 0.00	32.78 2.59 -2.30
HICKLING___1 23621	28.17 0.50 0.00	26.26 0.31 0.00	25.18 0.27 0.00	24.28 0.17 0.00	24.74 0.17 0.00	26.19 0.39 0.00	31.67 0.53 0.00	33.15 0.59 0.00	32.01 -0.29 0.02	32.82 0.03 0.02	33.19 0.36 -0.37	33.59 0.52 -0.39	34.65 0.96 -0.43	36.26 1.70 -0.49	37.67 1.63 -0.56	38.84 1.58 -0.63	42.38 1.83 -0.77	45.23 2.15 -0.94	45.35 1.99 -0.95	42.20 1.47 -0.88	38.36 0.92 -0.70	33.98 0.40 -0.47	31.62 0.34 -0.21	28.24 0.36 0.00
HICKLING___2 23622	28.17 0.50 0.00	26.26 0.31 0.00	25.18 0.27 0.00	24.28 0.17 0.00	24.74 0.17 0.00	26.19 0.39 0.00	31.67 0.53 0.00	33.15 0.59 0.00	32.01 -0.29 0.02	32.82 0.03 0.02	33.19 0.36 -0.37	33.59 0.52 -0.39	34.65 0.96 -0.43	36.26 1.70 -0.49	37.67 1.63 -0.56	38.84 1.58 -0.63	42.38 1.83 -0.77	45.23 2.15 -0.94	45.35 1.99 -0.95	42.20 1.47 -0.88	38.36 0.92 -0.70	33.98 0.40 -0.47	31.62 0.34 -0.21	28.24 0.36 0.00
HIGH FALLS___HY 23754	29.14 1.47 0.00	27.17 1.22 0.00	26.07 1.17 0.00	25.22 1.11 0.00	25.67 1.11 0.00	26.99 1.19 0.00	32.54 1.40 0.00	34.13 1.56 0.00	33.94 1.62 0.00	34.38 1.57 0.00	34.19 1.72 0.00	34.34 1.67 0.00	34.95 1.70 0.00	36.08 2.01 0.00	37.64 2.16 0.00	38.95 2.31 0.00	42.24 2.47 0.00	44.51 2.36 0.00	44.87 2.46 0.00	42.12 2.27 0.00	39.06 2.32 0.00	35.06 1.95 0.00	32.99 1.93 0.00	29.63 1.76 0.00
HIGH_RIVER___SOLAR 323847	29.14 1.47 0.00	27.37 1.43 0.00	26.20 1.29 0.00	25.36 1.25 0.00	25.87 1.30 0.00	27.17 1.37 0.00	32.85 1.71 0.00	34.22 1.66 0.00	33.78 1.46 0.00	33.98 1.18 0.00	33.41 0.94 0.00	33.56 0.88 0.00	34.42 1.16 0.00	35.29 1.22 0.00	36.93 1.46 0.00	38.29 1.65 0.00	42.00 2.23 0.00	44.67 2.53 0.00	45.04 2.63 0.00	42.32 2.47 0.00	39.06 2.32 0.00	35.13 2.02 0.00	32.90 1.83 0.00	29.47 1.59 0.00

HILLBURN___GT 23639	28.92 1.25 0.00	27.01 1.06 0.00	25.90 1.00 0.00	25.05 0.94 0.00	25.52 0.96 0.00	26.86 1.06 0.00	32.42 1.28 0.00	34.06 1.50 0.00	33.85 1.52 0.00	34.48 1.67 0.00	34.09 1.62 0.00	34.34 1.67 0.00	35.18 1.93 0.00	36.01 1.94 0.00	37.50 2.02 0.00	38.80 2.16 0.00	42.08 2.31 0.00	44.38 2.23 0.00	44.69 2.29 0.00	41.95 2.11 0.00	38.88 2.13 0.00	35.00 1.89 0.00	32.83 1.77 0.00	29.44 1.56 0.00
HILLSIDE_115KV_TB1 80332	27.84 0.17 0.00	25.92 -0.03 0.00	24.88 -0.02 0.00	24.01 -0.10 0.00	24.47 -0.10 0.00	25.88 0.08 0.00	31.27 0.12 0.00	32.69 0.13 0.00	31.66 -0.65 0.02	32.46 -0.33 0.02	32.86 0.00 -0.40	33.22 0.13 -0.41	34.22 0.50 -0.46	35.74 1.16 -0.52	37.14 1.06 -0.60	38.30 0.99 -0.67	41.84 1.23 -0.83	44.58 1.43 -1.00	44.73 1.31 -1.01	41.64 0.88 -0.92	37.88 0.40 -0.73	33.57 -0.03 -0.49	31.23 -0.06 -0.22	27.91 0.03 0.00
HISHELDN_WT_PWR 323625	27.26 -0.41 0.00	25.33 -0.62 0.00	24.33 -0.57 0.00	23.43 -0.67 0.00	23.85 -0.71 0.00	25.29 -0.52 0.00	30.39 -0.75 0.00	31.59 -0.98 0.00	30.48 -1.81 0.03	31.49 -1.28 0.03	31.85 -0.62 0.00	32.15 -0.52 0.00	33.92 0.66 0.00	35.09 1.02 0.00	36.19 0.71 0.00	37.44 0.81 0.00	40.65 0.87 0.00	43.07 0.93 0.00	43.08 0.68 0.00	40.36 0.52 0.00	36.56 -0.18 0.00	32.38 -0.73 0.00	30.51 -0.56 0.00	27.60 -0.28 0.00
HOLTSVILLE_IC_1 23690	35.48 1.66 -6.15	34.99 1.35 -7.69	29.33 1.29 -3.13	29.01 1.13 -3.77	29.12 1.18 -3.37	33.61 1.29 -6.51	34.02 1.00 -1.88	35.45 1.47 -1.42	35.53 1.55 -1.65	35.08 1.51 -0.77	34.51 2.05 0.00	35.61 2.52 -0.42	35.88 2.63 0.00	36.73 2.66 0.00	38.14 2.66 0.00	39.42 2.78 0.00	43.12 3.34 0.00	45.47 3.33 0.00	45.76 3.35 0.00	42.83 2.99 0.00	38.95 2.20 0.00	35.83 2.72 0.00	33.46 2.39 0.00	32.02 1.84 -2.30
HOLTSVILLE_IC_10 23699	35.62 1.80 -6.15	35.09 1.45 -7.69	29.45 1.42 -3.13	29.13 1.25 -3.77	29.24 1.30 -3.37	33.71 1.39 -6.51	34.17 1.15 -1.88	35.64 1.66 -1.42	35.69 1.71 -1.65	35.28 1.70 -0.77	34.70 2.24 0.00	35.80 2.71 -0.42	36.08 2.83 0.00	36.96 2.89 0.00	38.35 2.87 0.00	39.68 3.04 0.00	43.40 3.62 0.00	45.77 3.62 0.00	46.05 3.65 0.00	43.11 3.27 0.00	39.21 2.46 0.00	36.06 2.95 0.00	33.61 2.55 0.00	32.16 1.98 -2.30
HOLTSVILLE_IC_2 23691	35.48 1.66 -6.15	34.99 1.35 -7.69	29.33 1.29 -3.13	29.01 1.13 -3.77	29.12 1.18 -3.37	33.61 1.29 -6.51	34.02 1.00 -1.88	35.45 1.47 -1.42	35.53 1.55 -1.65	35.08 1.51 -0.77	34.51 2.05 0.00	35.61 2.52 -0.42	35.88 2.63 0.00	36.73 2.66 0.00	38.14 2.66 0.00	39.42 2.78 0.00	43.12 3.34 0.00	45.47 3.33 0.00	45.76 3.35 0.00	42.83 2.99 0.00	38.95 2.20 0.00	35.83 2.72 0.00	33.46 2.39 0.00	32.02 1.84 -2.30
HOLTSVILLE_IC_3 23692	35.48 1.66 -6.15	34.99 1.35 -7.69	29.33 1.29 -3.13	29.01 1.13 -3.77	29.12 1.18 -3.37	33.61 1.29 -6.51	34.02 1.00 -1.88	35.45 1.47 -1.42	35.53 1.55 -1.65	35.08 1.51 -0.77	34.51 2.05 0.00	35.61 2.52 -0.42	35.88 2.63 0.00	36.73 2.66 0.00	38.14 2.66 0.00	39.42 2.78 0.00	43.12 3.34 0.00	45.47 3.33 0.00	45.76 3.35 0.00	42.83 2.99 0.00	38.95 2.20 0.00	35.83 2.72 0.00	33.46 2.39 0.00	32.02 1.84 -2.30
HOLTSVILLE_IC_4 23693	35.48 1.66 -6.15	34.99 1.35 -7.69	29.33 1.29 -3.13	29.01 1.13 -3.77	29.12 1.18 -3.37	33.61 1.29 -6.51	34.02 1.00 -1.88	35.45 1.47 -1.42	35.53 1.55 -1.65	35.08 1.51 -0.77	34.51 2.05 0.00	35.61 2.52 -0.42	35.88 2.63 0.00	36.73 2.66 0.00	38.14 2.66 0.00	39.42 2.78 0.00	43.12 3.34 0.00	45.47 3.33 0.00	45.76 3.35 0.00	42.83 2.99 0.00	38.95 2.20 0.00	35.83 2.72 0.00	33.46 2.39 0.00	32.02 1.84 -2.30
HOLTSVILLE_IC_5 23694	35.48 1.66 -6.15	34.99 1.35 -7.69	29.33 1.29 -3.13	29.01 1.13 -3.77	29.12 1.18 -3.37	33.61 1.29 -6.51	34.02 1.00 -1.88	35.45 1.47 -1.42	35.53 1.55 -1.65	35.08 1.51 -0.77	34.51 2.05 0.00	35.61 2.52 -0.42	35.88 2.63 0.00	36.73 2.66 0.00	38.14 2.66 0.00	39.42 2.78 0.00	43.12 3.34 0.00	45.47 3.33 0.00	45.76 3.35 0.00	42.83 2.99 0.00	38.95 2.20 0.00	35.83 2.72 0.00	33.46 2.39 0.00	32.02 1.84 -2.30
HOLTSVILLE_IC_6 23695	35.62 1.80 -6.15	35.09 1.45 -7.69	29.45 1.42 -3.13	29.13 1.25 -3.77	29.24 1.30 -3.37	33.71 1.39 -6.51	34.17 1.15 -1.88	35.64 1.66 -1.42	35.69 1.71 -1.65	35.28 1.70 -0.77	34.70 2.24 0.00	35.80 2.71 -0.42	36.08 2.83 0.00	36.96 2.89 0.00	38.35 2.87 0.00	39.68 3.04 0.00	43.40 3.62 0.00	45.77 3.62 0.00	46.05 3.65 0.00	43.11 3.27 0.00	39.21 2.46 0.00	36.06 2.95 0.00	33.61 2.55 0.00	32.16 1.98 -2.30
HOLTSVILLE_IC_7 23696	35.62 1.80 -6.15	35.09 1.45 -7.69	29.45 1.42 -3.13	29.13 1.25 -3.77	29.24 1.30 -3.37	33.71 1.39 -6.51	34.17 1.15 -1.88	35.64 1.66 -1.42	35.69 1.71 -1.65	35.28 1.70 -0.77	34.70 2.24 0.00	35.80 2.71 -0.42	36.08 2.83 0.00	36.96 2.89 0.00	38.35 2.87 0.00	39.68 3.04 0.00	43.40 3.62 0.00	45.77 3.62 0.00	46.05 3.65 0.00	43.11 3.27 0.00	39.21 2.46 0.00	36.06 2.95 0.00	33.61 2.55 0.00	32.16 1.98 -2.30
HOLTSVILLE_IC_8 23697	35.62 1.80 -6.15	35.09 1.45 -7.69	29.45 1.42 -3.13	29.13 1.25 -3.77	29.24 1.30 -3.37	33.71 1.39 -6.51	34.17 1.15 -1.88	35.64 1.66 -1.42	35.69 1.71 -1.65	35.28 1.70 -0.77	34.70 2.24 0.00	35.80 2.71 -0.42	36.08 2.83 0.00	36.96 2.89 0.00	38.35 2.87 0.00	39.68 3.04 0.00	43.40 3.62 0.00	45.77 3.62 0.00	46.05 3.65 0.00	43.11 3.27 0.00	39.21 2.46 0.00	36.06 2.95 0.00	33.61 2.55 0.00	32.16 1.98 -2.30
HOLTSVILLE_IC_9 23698	35.62 1.80 -6.15	35.09 1.45 -7.69	29.45 1.42 -3.13	29.13 1.25 -3.77	29.24 1.30 -3.37	33.71 1.39 -6.51	34.17 1.15 -1.88	35.64 1.66 -1.42	35.69 1.71 -1.65	35.28 1.70 -0.77	34.70 2.24 0.00	35.80 2.71 -0.42	36.08 2.83 0.00	36.96 2.89 0.00	38.35 2.87 0.00	39.68 3.04 0.00	43.40 3.62 0.00	45.77 3.62 0.00	46.05 3.65 0.00	43.11 3.27 0.00	39.21 2.46 0.00	36.06 2.95 0.00	33.61 2.55 0.00	32.16 1.98 -2.30
HOMER_HL_115KV_TB2 355744	27.97 0.30 0.00	25.90 -0.05 0.00	24.88 -0.02 0.00	24.01 -0.10 0.00	24.42 -0.15 0.00	25.96 0.15 0.00	31.33 0.19 0.00	32.60 0.03 0.00	30.48 -1.81 0.03	31.95 -0.82 0.03	32.69 0.23 0.00	33.10 0.42 0.00	34.32 1.06 0.00	36.15 2.08 0.00	37.32 1.84 0.00	38.40 1.76 0.00	42.21 2.43 0.00	44.67 2.53 0.00	44.74 2.33 0.00	41.96 2.11 0.00	37.92 1.18 0.00	33.54 0.43 0.00	31.44 0.37 0.00	28.55 0.67 0.00
HOWARD_WT_PWR 323690	29.52 1.85 0.00	27.40 1.45 0.00	26.32 1.42 0.00	25.36 1.25 0.00	25.84 1.28 0.00	27.51 1.70 0.00	33.38 2.24 0.00	35.07 2.51 0.00	33.21 0.90 0.02	34.32 1.54 0.02	34.83 2.05 -0.32	35.16 2.16 -0.33	36.85 3.22 -0.37	38.30 3.81 -0.42	39.72 3.76 -0.48	41.28 4.10 -0.54	44.77 4.34 -0.65	47.86 4.93 -0.79	47.87 4.66 -0.80	44.76 4.18 -0.74	40.64 3.31 -0.58	35.73 2.22 -0.40	33.14 1.90 -0.18	29.64 1.76 0.00

HQ_GEN_CEDARS 23644	27.56 -0.11 0.00	25.97 0.03 0.00	24.95 0.05 0.00	24.13 0.02 0.00	24.57 0.00 0.00	25.83 0.03 0.00	31.20 0.06 0.00	32.63 0.07 0.00	32.52 0.19 0.00	33.00 0.20 0.00	32.60 0.13 0.00	32.67 0.00 0.00	33.22 -0.03 0.00	33.69 -0.37 0.00	35.05 -0.43 0.00	36.16 -0.48 0.00	39.34 -0.44 0.00	41.68 -0.46 0.00	41.85 -0.55 0.00	39.33 -0.52 0.00	36.34 -0.40 0.00	33.04 -0.07 0.00	30.97 -0.09 0.00	27.74 -0.14 0.00
HQ_GEN_CEDARS_PROXY 323590	27.56 -0.11 0.00	25.97 0.03 0.00	24.95 0.05 0.00	24.13 0.02 0.00	24.57 0.00 0.00	25.83 0.03 0.00	31.20 0.06 0.00	32.63 0.07 0.00	32.52 0.20 0.00	32.90 0.10 0.00	32.60 0.13 0.00	32.67 0.00 0.00	32.86 -0.40 0.00	33.69 -0.37 0.00	35.06 -0.42 0.00	36.16 -0.48 0.00	39.34 -0.44 0.00	41.68 -0.46 0.00	41.85 -0.55 0.00	39.33 -0.52 0.00	36.34 -0.40 0.00	32.98 -0.13 0.00	30.97 -0.09 0.00	27.74 -0.14 0.00
HQ_GEN_IMPORT 323601	27.48 -0.19 0.00	25.82 -0.13 0.00	24.78 -0.12 0.00	23.99 -0.12 0.00	24.45 -0.12 0.00	25.68 -0.13 0.00	30.99 -0.15 0.00	32.40 -0.16 0.00	32.33 0.00 0.00	32.71 -0.10 0.00	32.43 -0.03 0.00	32.61 -0.07 0.00	32.89 -0.37 0.00	33.69 -0.37 0.00	35.09 -0.39 0.00	36.20 -0.44 0.00	39.34 -0.44 0.00	41.68 -0.46 0.00	41.90 -0.51 0.00	39.37 -0.48 0.00	36.31 -0.44 0.00	32.84 -0.27 0.00	30.82 -0.25 0.00	27.63 -0.25 0.00
HQ_GEN_WHEEL 23651	27.48 -0.19 0.00	25.82 -0.13 0.00	24.78 -0.12 0.00	23.99 -0.12 0.00	24.45 -0.12 0.00	25.68 -0.13 0.00	30.99 -0.15 0.00	32.40 -0.16 0.00	32.33 0.00 0.00	32.71 -0.10 0.00	32.43 -0.03 0.00	32.61 -0.07 0.00	32.89 -0.37 0.00	33.69 -0.37 0.00	35.09 -0.39 0.00	36.20 -0.44 0.00	39.34 -0.44 0.00	41.68 -0.46 0.00	41.90 -0.51 0.00	39.37 -0.48 0.00	36.31 -0.44 0.00	32.84 -0.27 0.00	30.82 -0.25 0.00	27.63 -0.25 0.00
HUDSON AVE_GT_3 23810	29.41 1.74 0.00	27.48 1.53 0.00	26.30 1.39 0.00	25.43 1.33 0.00	25.92 1.35 0.00	27.25 1.45 0.00	32.92 1.78 0.00	34.65 2.08 0.00	34.49 2.17 0.00	35.00 2.20 0.00	34.84 2.37 0.00	35.09 2.42 0.00	35.65 2.39 0.00	36.79 2.73 0.00	38.28 2.80 0.00	39.61 2.97 0.00	42.88 3.10 0.00	45.10 2.95 0.00	45.42 3.01 0.00	42.59 2.75 0.00	39.69 2.94 0.00	35.59 2.48 0.00	33.49 2.42 0.00	30.08 2.20 0.00
HUDSON AVE_GT_4 23540	29.41 1.74 0.00	27.48 1.53 0.00	26.30 1.39 0.00	25.43 1.33 0.00	25.92 1.35 0.00	27.25 1.45 0.00	32.92 1.78 0.00	34.65 2.08 0.00	34.49 2.17 0.00	35.00 2.20 0.00	34.84 2.37 0.00	35.09 2.42 0.00	35.65 2.39 0.00	36.79 2.73 0.00	38.28 2.80 0.00	39.61 2.97 0.00	42.88 3.10 0.00	45.10 2.95 0.00	45.42 3.01 0.00	42.59 2.75 0.00	39.69 2.94 0.00	35.59 2.48 0.00	33.49 2.42 0.00	30.08 2.20 0.00
HUDSON AVE_GT_5 23657	29.41 1.74 0.00	27.48 1.53 0.00	26.30 1.39 0.00	25.43 1.33 0.00	25.92 1.35 0.00	27.25 1.45 0.00	32.92 1.78 0.00	34.65 2.08 0.00	34.49 2.17 0.00	35.00 2.20 0.00	34.84 2.37 0.00	35.09 2.42 0.00	35.65 2.39 0.00	36.79 2.73 0.00	38.28 2.80 0.00	39.61 2.97 0.00	42.88 3.10 0.00	45.10 2.95 0.00	45.42 3.01 0.00	42.59 2.75 0.00	39.69 2.94 0.00	35.59 2.48 0.00	33.49 2.42 0.00	30.08 2.20 0.00
HUDSON_AVE_10 24168	29.39 1.72 0.00	27.43 1.48 0.00	26.27 1.37 0.00	25.39 1.28 0.00	25.87 1.30 0.00	27.20 1.39 0.00	32.88 1.74 0.00	34.62 2.05 0.00	34.49 2.17 0.00	34.94 2.13 0.00	34.84 2.37 0.00	35.06 2.39 0.00	35.58 2.33 0.00	36.76 2.69 0.00	38.25 2.77 0.00	39.57 2.93 0.00	42.84 3.06 0.00	45.05 2.91 0.00	45.37 2.97 0.00	42.55 2.71 0.00	39.65 2.90 0.00	35.56 2.45 0.00	33.46 2.39 0.00	30.05 2.17 0.00
HUDSON___115KV_TB 4 355613	28.72 1.05 0.00	27.01 1.06 0.00	25.85 0.95 0.00	25.02 0.92 0.00	25.53 0.96 0.00	26.81 1.01 0.00	32.39 1.25 0.00	33.83 1.27 0.00	33.49 1.16 0.00	33.76 0.95 0.00	33.28 0.81 0.00	33.39 0.72 0.00	33.92 0.67 0.00	34.95 0.89 0.00	36.51 1.03 0.00	37.77 1.14 0.00	41.09 1.31 0.00	43.75 1.60 0.00	44.19 1.78 0.00	41.52 1.67 0.00	38.36 1.62 0.00	34.43 1.32 0.00	32.40 1.34 0.00	28.99 1.12 0.00
HUNTER MOUNT___DRP 323613	28.89 1.22 0.00	27.17 1.22 0.00	26.00 1.10 0.00	25.14 1.04 0.00	25.65 1.08 0.00	26.94 1.14 0.00	32.54 1.40 0.00	33.93 1.37 0.00	33.55 1.23 0.00	33.72 0.92 0.00	33.21 0.75 0.00	33.29 0.62 0.00	33.85 0.60 0.00	34.89 0.82 0.00	36.47 0.99 0.00	37.77 1.14 0.00	41.13 1.35 0.00	43.87 1.73 0.00	44.31 1.91 0.00	41.64 1.79 0.00	38.44 1.69 0.00	34.50 1.39 0.00	32.53 1.46 0.00	29.08 1.20 0.00
HUNTINGTON_RES_REC 323705	35.73 1.91 -6.15	35.30 1.66 -7.69	29.60 1.57 -3.13	29.32 1.45 -3.77	29.44 1.50 -3.37	33.92 1.60 -6.51	34.76 1.74 -1.88	36.04 2.05 -1.42	36.11 2.13 -1.65	35.80 2.23 -0.77	34.61 2.14 0.00	35.54 2.45 -0.42	35.88 2.63 0.00	36.76 2.69 0.00	38.14 2.66 0.00	39.39 2.75 0.00	42.92 3.14 0.00	45.26 3.12 0.00	45.54 3.14 0.00	42.75 2.91 0.00	39.25 2.50 0.00	35.86 2.75 0.00	33.67 2.61 0.00	32.47 2.29 -2.30
HUNTLEY___63 23557	26.98 -0.69 0.00	25.07 -0.88 0.00	24.08 -0.82 0.00	23.19 -0.92 0.00	23.58 -0.98 0.00	25.00 -0.80 0.00	29.93 -1.21 0.00	31.07 -1.50 0.00	30.12 -2.17 0.04	31.06 -1.71 0.04	31.26 -1.20 0.00	31.79 -0.88 0.00	33.06 -0.20 0.00	34.85 0.78 0.00	35.87 0.39 0.00	36.86 0.22 0.00	40.34 0.56 0.00	42.61 0.46 0.00	42.62 0.21 0.00	40.00 0.16 0.00	36.12 -0.62 0.00	31.95 -1.16 0.00	30.13 -0.93 0.00	27.38 -0.50 0.00
HUNTLEY___64 23558	26.98 -0.69 0.00	25.07 -0.88 0.00	24.08 -0.82 0.00	23.19 -0.92 0.00	23.58 -0.98 0.00	25.00 -0.80 0.00	29.93 -1.21 0.00	31.07 -1.50 0.00	30.12 -2.17 0.04	31.06 -1.71 0.04	31.26 -1.20 0.00	31.79 -0.88 0.00	33.06 -0.20 0.00	34.85 0.78 0.00	35.87 0.39 0.00	36.86 0.22 0.00	40.34 0.56 0.00	42.61 0.46 0.00	42.62 0.21 0.00	40.00 0.16 0.00	36.12 -0.62 0.00	31.95 -1.16 0.00	30.13 -0.93 0.00	27.38 -0.50 0.00
HUNTLEY___65 23559	26.98 -0.69 0.00	25.07 -0.88 0.00	24.08 -0.82 0.00	23.19 -0.92 0.00	23.58 -0.98 0.00	25.00 -0.80 0.00	29.93 -1.21 0.00	31.07 -1.50 0.00	30.12 -2.17 0.04	31.06 -1.71 0.04	31.26 -1.20 0.00	31.79 -0.88 0.00	33.06 -0.20 0.00	34.85 0.78 0.00	35.87 0.39 0.00	36.86 0.22 0.00	40.34 0.56 0.00	42.61 0.46 0.00	42.62 0.21 0.00	40.00 0.16 0.00	36.12 -0.62 0.00	31.95 -1.16 0.00	30.13 -0.93 0.00	27.38 -0.50 0.00
HUNTLEY___66 23560	26.98 -0.69 0.00	25.07 -0.88 0.00	24.08 -0.82 0.00	23.19 -0.92 0.00	23.58 -0.98 0.00	25.00 -0.80 0.00	29.93 -1.21 0.00	31.07 -1.50 0.00	30.12 -2.17 0.04	31.06 -1.71 0.04	31.26 -1.20 0.00	31.79 -0.88 0.00	33.06 -0.20 0.00	34.85 0.78 0.00	35.87 0.39 0.00	36.86 0.22 0.00	40.34 0.56 0.00	42.61 0.46 0.00	42.62 0.21 0.00	40.00 0.16 0.00	36.12 -0.62 0.00	31.95 -1.16 0.00	30.13 -0.93 0.00	27.38 -0.50 0.00

HUNTLEY___67 23561	26.78 -0.89 0.00	24.88 -1.06 0.00	23.88 -1.02 0.00	23.02 -1.08 0.00	23.41 -1.15 0.00	24.82 -0.98 0.00	29.77 -1.37 0.00	30.84 -1.73 0.00	29.90 -2.39 0.04	30.83 -1.94 0.04	31.04 -1.43 0.00	31.53 -1.14 0.00	32.79 -0.47 0.00	34.51 0.44 0.00	35.55 0.07 0.00	36.53 -0.11 0.00	39.98 0.20 0.00	42.27 0.13 0.00	42.28 -0.13 0.00	39.68 -0.16 0.00	35.86 -0.88 0.00	31.75 -1.36 0.00	29.95 -1.12 0.00	27.21 -0.67 0.00
HUNTLEY___68 23562	26.78 -0.89 0.00	24.88 -1.06 0.00	23.88 -1.02 0.00	23.02 -1.08 0.00	23.41 -1.15 0.00	24.82 -0.98 0.00	29.77 -1.37 0.00	30.84 -1.73 0.00	29.90 -2.39 0.04	30.83 -1.94 0.04	31.04 -1.43 0.00	31.53 -1.14 0.00	32.79 -0.47 0.00	34.51 0.44 0.00	35.55 0.07 0.00	36.53 -0.11 0.00	39.98 0.20 0.00	42.27 0.13 0.00	42.28 -0.13 0.00	39.68 -0.16 0.00	35.86 -0.88 0.00	31.75 -1.36 0.00	29.95 -1.12 0.00	27.21 -0.67 0.00
HYLAND___LFG 323620	28.47 0.80 0.00	26.49 0.55 0.00	25.40 0.50 0.00	24.42 0.31 0.00	24.86 0.30 0.00	26.45 0.65 0.00	31.92 0.78 0.00	33.51 0.94 0.00	32.26 -0.03 0.03	32.71 -0.07 0.03	32.47 0.00 0.00	32.61 -0.07 0.00	34.25 1.00 0.00	35.50 1.43 0.00	36.75 1.28 0.00	38.40 1.76 0.00	41.93 2.15 0.00	45.09 2.95 0.00	45.72 3.31 0.00	42.83 2.99 0.00	38.91 2.17 0.00	34.40 1.29 0.00	32.15 1.09 0.00	28.77 0.89 0.00
INDECK___CORINTH 23802	29.50 1.83 0.00	27.76 1.82 0.00	26.55 1.64 0.00	25.70 1.59 0.00	26.19 1.62 0.00	27.53 1.73 0.00	33.32 2.18 0.00	34.84 2.28 0.00	34.56 2.23 0.00	35.00 2.20 0.00	34.48 2.01 0.00	34.67 1.99 0.00	35.45 2.19 0.00	36.25 2.18 0.00	37.82 2.34 0.00	39.09 2.46 0.00	42.56 2.78 0.00	45.35 3.20 0.00	45.67 3.27 0.00	42.91 3.07 0.00	39.65 2.90 0.00	35.59 2.48 0.00	33.33 2.27 0.00	29.80 1.92 0.00
INDECK___ILION 23567	27.72 0.06 0.00	26.00 0.05 0.00	24.93 0.02 0.00	24.13 0.02 0.00	24.59 0.02 0.00	25.86 0.05 0.00	31.20 0.06 0.00	32.63 0.07 0.00	32.33 0.00 0.00	32.80 0.00 0.00	32.43 -0.03 0.00	32.64 -0.03 0.00	33.22 -0.03 0.00	34.10 0.03 0.00	35.51 0.04 0.00	36.67 0.04 0.00	39.78 0.00 0.00	42.19 0.04 0.00	42.49 0.08 0.00	40.04 0.20 0.00	36.93 0.18 0.00	33.24 0.13 0.00	31.16 0.09 0.00	27.96 0.08 0.00
INDECK___OLEAN 23982	27.97 0.30 0.00	25.90 -0.05 0.00	24.88 -0.02 0.00	24.01 -0.10 0.00	24.45 -0.12 0.00	25.96 0.16 0.00	31.33 0.19 0.00	32.60 0.03 0.00	30.48 -1.81 0.03	32.18 -0.59 0.03	32.86 0.39 0.00	33.10 0.42 0.00	34.95 1.70 0.00	36.18 2.11 0.00	37.29 1.81 0.00	38.73 2.09 0.00	42.21 2.43 0.00	44.67 2.53 0.00	44.74 2.33 0.00	41.95 2.11 0.00	37.96 1.21 0.00	33.61 0.50 0.00	31.47 0.40 0.00	28.55 0.67 0.00
INDECK___OSWEGO 23783	27.14 -0.53 0.00	25.43 -0.52 0.00	24.41 -0.50 0.00	23.60 -0.51 0.00	24.05 -0.52 0.00	25.31 -0.49 0.00	30.58 -0.56 0.00	31.91 -0.65 0.00	31.54 -0.84 -0.05	32.04 -0.82 -0.05	34.55 -0.88 -2.96	34.89 -0.88 -3.10	36.01 -0.70 -3.46	37.33 -0.61 -3.87	39.29 -0.68 -4.49	41.00 -0.66 -5.02	45.43 -0.76 -6.41	49.17 -0.72 -7.74	49.53 -0.72 -7.85	45.99 -0.64 -6.79	41.46 -0.66 -5.38	36.03 -0.73 -3.65	32.03 -0.68 -1.65	27.26 -0.61 0.00
INDECK___YERKES 23781	27.03 -0.64 0.00	25.09 -0.86 0.00	24.11 -0.80 0.00	23.22 -0.89 0.00	23.61 -0.96 0.00	25.06 -0.75 0.00	29.99 -1.15 0.00	31.10 -1.46 0.00	30.19 -2.10 0.04	31.10 -1.67 0.04	31.52 -0.94 0.00	31.82 -0.85 0.00	33.72 0.47 0.00	34.95 0.88 0.00	35.94 0.46 0.00	37.15 0.51 0.00	40.38 0.60 0.00	42.69 0.55 0.00	42.66 0.26 0.00	40.08 0.24 0.00	36.20 -0.55 0.00	32.02 -1.09 0.00	30.20 -0.87 0.00	27.40 -0.47 0.00
INDIAN POINT_GT_1 24139	28.97 1.30 0.00	27.09 1.14 0.00	25.95 1.05 0.00	25.10 0.99 0.00	25.57 1.01 0.00	26.89 1.08 0.00	32.45 1.31 0.00	34.09 1.53 0.00	33.91 1.58 0.00	34.41 1.61 0.00	34.19 1.72 0.00	34.41 1.73 0.00	34.95 1.70 0.00	36.04 1.98 0.00	37.54 2.06 0.00	38.84 2.20 0.00	42.13 2.35 0.00	44.38 2.23 0.00	44.70 2.29 0.00	41.96 2.11 0.00	38.95 2.20 0.00	35.00 1.89 0.00	32.87 1.80 0.00	29.49 1.62 0.00
INDIAN POINT_GT_2 23659	28.97 1.30 0.00	27.09 1.14 0.00	25.95 1.05 0.00	25.10 0.99 0.00	25.57 1.01 0.00	26.89 1.08 0.00	32.45 1.31 0.00	34.09 1.53 0.00	33.91 1.58 0.00	34.41 1.61 0.00	34.19 1.72 0.00	34.41 1.73 0.00	34.95 1.70 0.00	36.04 1.98 0.00	37.54 2.06 0.00	38.84 2.20 0.00	42.13 2.35 0.00	44.38 2.23 0.00	44.70 2.29 0.00	41.96 2.11 0.00	38.95 2.20 0.00	35.00 1.89 0.00	32.87 1.80 0.00	29.49 1.62 0.00
INDIAN POINT_GT_3 24019	28.97 1.30 0.00	27.09 1.14 0.00	25.95 1.05 0.00	25.10 0.99 0.00	25.57 1.01 0.00	26.89 1.08 0.00	32.45 1.31 0.00	34.09 1.53 0.00	33.91 1.58 0.00	34.41 1.61 0.00	34.19 1.72 0.00	34.41 1.73 0.00	34.95 1.70 0.00	36.04 1.98 0.00	37.54 2.06 0.00	38.84 2.20 0.00	42.13 2.35 0.00	44.38 2.23 0.00	44.70 2.29 0.00	41.96 2.11 0.00	38.95 2.20 0.00	35.00 1.89 0.00	32.87 1.80 0.00	29.49 1.62 0.00
INDIAN POINT___2 23530	28.86 1.19 0.00	26.96 1.01 0.00	25.85 0.95 0.00	25.00 0.89 0.00	25.48 0.91 0.00	26.79 0.98 0.00	32.35 1.21 0.00	33.96 1.40 0.00	33.75 1.42 0.00	34.41 1.61 0.00	33.99 1.53 0.00	34.24 1.57 0.00	35.08 1.83 0.00	35.87 1.80 0.00	37.39 1.91 0.00	38.65 2.01 0.00	41.97 2.19 0.00	44.25 2.11 0.00	44.53 2.12 0.00	41.80 1.95 0.00	38.77 2.02 0.00	34.86 1.75 0.00	32.74 1.68 0.00	29.35 1.48 0.00
INDIAN POINT___3 23531	29.00 1.33 0.00	27.09 1.14 0.00	25.97 1.07 0.00	25.12 1.01 0.00	25.60 1.03 0.00	26.91 1.11 0.00	32.48 1.34 0.00	34.13 1.56 0.00	33.94 1.62 0.00	34.44 1.64 0.00	34.22 1.75 0.00	34.44 1.76 0.00	34.98 1.73 0.00	36.08 2.01 0.00	37.57 2.09 0.00	38.87 2.23 0.00	42.17 2.39 0.00	44.42 2.28 0.00	44.74 2.33 0.00	42.00 2.15 0.00	38.95 2.20 0.00	35.00 1.89 0.00	32.90 1.83 0.00	29.52 1.64 0.00
INGHAM_C_115KV_TB7 356103	27.39 -0.28 0.00	25.66 -0.29 0.00	24.60 -0.30 0.00	23.82 -0.29 0.00	24.30 -0.27 0.00	25.55 -0.26 0.00	30.83 -0.31 0.00	32.24 -0.33 0.00	31.91 -0.42 0.00	32.35 -0.46 0.00	31.98 -0.49 0.00	32.22 -0.46 0.00	32.79 -0.47 0.00	33.59 -0.48 0.00	35.02 -0.46 0.00	36.12 -0.51 0.00	39.14 -0.64 0.00	41.55 -0.59 0.00	41.90 -0.51 0.00	39.65 -0.20 0.00	36.53 -0.22 0.00	32.91 -0.20 0.00	30.85 -0.22 0.00	27.65 -0.22 0.00
IP CORINTH___1 23988	29.50 1.83 0.00	27.76 1.82 0.00	26.55 1.64 0.00	25.70 1.59 0.00	26.19 1.62 0.00	27.53 1.73 0.00	33.32 2.18 0.00	34.84 2.28 0.00	34.56 2.23 0.00	34.94 2.13 0.00	34.48 2.01 0.00	34.67 1.99 0.00	35.22 1.96 0.00	36.25 2.18 0.00	37.82 2.34 0.00	39.09 2.45 0.00	42.56 2.78 0.00	45.35 3.20 0.00	45.67 3.27 0.00	42.91 3.07 0.00	39.65 2.90 0.00	35.56 2.45 0.00	33.36 2.30 0.00	29.80 1.92 0.00

IP___TICONDEROGA 23804	30.52 2.85 0.00	28.80 2.85 0.00	27.42 2.52 0.00	26.54 2.43 0.00	27.05 2.48 0.00	28.46 2.66 0.00	34.60 3.46 0.00	36.05 3.48 0.00	35.82 3.49 0.00	36.12 3.31 0.00	35.58 3.12 0.00	35.71 3.04 0.00	36.28 3.03 0.00	37.34 3.27 0.00	38.99 3.51 0.00	40.30 3.66 0.00	43.96 4.18 0.00	47.08 4.93 0.00	47.49 5.09 0.00	44.59 4.74 0.00	41.23 4.48 0.00	36.88 3.77 0.00	34.48 3.42 0.00	30.78 2.90 0.00
ISLIP_RES_REC 323679	35.76 1.94 -6.15	35.22 1.58 -7.69	29.55 1.52 -3.13	29.22 1.35 -3.77	29.34 1.40 -3.37	33.84 1.52 -6.51	34.33 1.31 -1.88	35.81 1.82 -1.42	35.89 1.91 -1.65	35.47 1.90 -0.77	34.90 2.44 0.00	36.03 2.94 -0.42	36.31 3.06 0.00	37.20 3.13 0.00	38.60 3.12 0.00	39.94 3.30 0.00	43.68 3.90 0.00	46.07 3.92 0.00	46.35 3.94 0.00	43.39 3.54 0.00	39.43 2.68 0.00	36.26 3.15 0.00	33.74 2.67 0.00	32.27 2.09 -2.30
JAMAICA__27_KV_LOAD 355505	29.63 1.96 0.00	27.66 1.71 0.00	26.45 1.54 0.00	25.55 1.45 0.00	26.04 1.47 0.00	27.40 1.60 0.00	33.16 2.02 0.00	34.91 2.34 0.00	34.82 2.49 0.00	35.20 2.39 0.00	35.16 2.69 0.00	35.42 2.74 0.00	35.88 2.63 0.00	37.07 3.00 0.00	38.57 3.09 0.00	39.94 3.30 0.00	43.32 3.54 0.00	45.52 3.37 0.00	45.84 3.43 0.00	42.99 3.15 0.00	40.02 3.27 0.00	35.83 2.72 0.00	33.74 2.67 0.00	30.30 2.43 0.00
JANIS___SOLAR 323808	29.19 1.52 0.00	27.30 1.35 0.00	26.12 1.22 0.00	25.22 1.11 0.00	25.75 1.18 0.00	27.22 1.42 0.00	33.04 1.90 0.00	34.58 2.02 0.00	33.58 1.26 0.01	34.04 1.25 0.01	34.07 1.07 -0.54	34.31 1.08 -0.56	35.35 1.46 -0.63	36.37 1.60 -0.70	38.03 1.74 -0.82	39.56 2.01 -0.91	43.24 2.31 -1.15	46.44 2.91 -1.39	47.00 3.18 -1.41	44.16 3.11 -1.21	40.38 2.68 -0.96	35.81 2.05 -0.65	33.16 1.80 -0.29	29.38 1.50 0.00
JARVIS____ 23743	27.84 0.17 0.00	26.08 0.13 0.00	25.03 0.13 0.00	24.25 0.15 0.00	24.72 0.15 0.00	25.93 0.13 0.00	31.33 0.19 0.00	32.76 0.20 0.00	32.46 0.13 0.00	32.97 0.16 0.00	32.60 0.13 0.00	32.81 0.13 0.00	33.46 0.20 0.00	34.27 0.21 0.00	35.69 0.21 0.00	36.82 0.18 0.00	39.98 0.20 0.00	42.36 0.21 0.00	42.66 0.26 0.00	40.08 0.24 0.00	37.01 0.26 0.00	33.34 0.23 0.00	31.25 0.19 0.00	28.05 0.17 0.00
JENNISON___1 23625	29.36 1.69 0.00	27.43 1.48 0.00	26.27 1.37 0.00	25.39 1.28 0.00	25.92 1.35 0.00	27.35 1.55 0.00	33.16 2.02 0.00	34.68 2.12 0.00	33.87 1.55 0.01	34.40 1.61 0.01	34.45 1.56 -0.42	34.75 1.63 -0.44	35.55 1.80 -0.50	36.73 2.11 -0.55	38.36 2.24 -0.64	39.70 2.34 -0.72	43.39 2.70 -0.91	46.36 3.12 -1.10	46.82 3.31 -1.11	44.04 3.27 -0.93	40.35 2.87 -0.74	35.90 2.28 -0.50	33.28 1.99 -0.23	29.61 1.73 0.00
JENNISON___2 23626	29.36 1.69 0.00	27.43 1.48 0.00	26.27 1.37 0.00	25.39 1.28 0.00	25.92 1.35 0.00	27.35 1.55 0.00	33.16 2.02 0.00	34.68 2.12 0.00	33.87 1.55 0.01	34.40 1.61 0.01	34.45 1.56 -0.42	34.75 1.63 -0.44	35.55 1.80 -0.50	36.73 2.11 -0.55	38.36 2.24 -0.64	39.70 2.34 -0.72	43.39 2.70 -0.91	46.36 3.12 -1.10	46.82 3.31 -1.11	44.04 3.27 -0.93	40.35 2.87 -0.74	35.90 2.28 -0.50	33.28 1.99 -0.23	29.61 1.73 0.00
JERICOHO_RISE_WT_PWR 323719	27.81 0.14 0.00	26.26 0.31 0.00	25.25 0.35 0.00	24.42 0.31 0.00	24.86 0.30 0.00	26.17 0.36 0.00	31.61 0.47 0.00	33.05 0.49 0.00	32.97 0.65 0.00	33.36 0.56 0.00	33.08 0.62 0.00	33.16 0.49 0.00	33.32 0.07 0.00	34.17 0.10 0.00	35.55 0.07 0.00	36.64 0.00 0.00	39.98 0.20 0.00	42.36 0.21 0.00	42.41 0.00 0.00	39.65 -0.20 0.00	36.53 -0.22 0.00	33.08 -0.03 0.00	30.97 -0.09 0.00	27.74 -0.14 0.00
KATONAH___115KV_46KV_TB4 355592	29.25 1.58 0.00	27.35 1.40 0.00	26.20 1.29 0.00	25.34 1.23 0.00	25.82 1.25 0.00	27.15 1.34 0.00	32.76 1.62 0.00	34.42 1.86 0.00	34.23 1.91 0.00	34.77 1.97 0.00	34.51 2.05 0.00	34.73 2.06 0.00	35.32 2.06 0.00	36.42 2.35 0.00	37.93 2.45 0.00	39.24 2.60 0.00	42.56 2.78 0.00	44.84 2.70 0.00	45.08 2.67 0.00	42.35 2.51 0.00	39.32 2.57 0.00	35.33 2.22 0.00	33.18 2.11 0.00	29.75 1.87 0.00
KCE_NY_1 323755	29.25 1.58 0.00	27.50 1.56 0.00	26.32 1.42 0.00	25.48 1.37 0.00	25.97 1.40 0.00	27.30 1.50 0.00	32.95 1.81 0.00	34.48 1.92 0.00	34.20 1.87 0.00	34.64 1.84 0.00	34.15 1.69 0.00	34.34 1.67 0.00	35.12 1.86 0.00	35.91 1.84 0.00	37.46 1.99 0.00	38.73 2.09 0.00	42.13 2.35 0.00	44.76 2.61 0.00	45.12 2.72 0.00	42.40 2.55 0.00	39.17 2.42 0.00	35.23 2.12 0.00	33.02 1.96 0.00	29.55 1.67 0.00
KCE_NY_6_ESR 323823	27.34 -0.33 0.00	25.38 -0.57 0.00	24.36 -0.55 0.00	23.48 -0.63 0.00	23.88 -0.69 0.00	25.34 -0.46 0.00	30.43 -0.71 0.00	31.59 -0.98 0.00	30.35 -1.94 0.04	31.46 -1.31 0.04	31.98 -0.49 0.00	32.25 -0.43 0.00	34.12 0.86 0.00	35.36 1.29 0.00	36.40 0.92 0.00	37.66 1.02 0.00	40.94 1.15 0.00	43.28 1.14 0.00	43.30 0.89 0.00	40.64 0.80 0.00	36.71 -0.04 0.00	32.48 -0.63 0.00	30.63 -0.43 0.00	27.79 -0.08 0.00
KEDC_PORT_JEFF_GT2 24210	35.62 1.80 -6.15	35.09 1.45 -7.69	29.43 1.39 -3.13	29.13 1.25 -3.77	29.22 1.28 -3.37	33.71 1.39 -6.51	34.17 1.15 -1.88	35.61 1.63 -1.42	35.69 1.71 -1.65	35.28 1.70 -0.77	34.64 2.18 0.00	35.77 2.68 -0.42	36.01 2.76 0.00	36.89 2.83 0.00	38.28 2.80 0.00	39.60 2.97 0.00	43.32 3.54 0.00	45.69 3.54 0.00	45.97 3.56 0.00	43.07 3.23 0.00	39.17 2.42 0.00	35.99 2.88 0.00	33.58 2.52 0.00	32.16 1.98 -2.30
KEDC_PORT_JEFF_GT3 24211	35.62 1.80 -6.15	35.09 1.45 -7.69	29.43 1.39 -3.13	29.13 1.25 -3.77	29.22 1.28 -3.37	33.71 1.39 -6.51	34.17 1.15 -1.88	35.61 1.63 -1.42	35.69 1.71 -1.65	35.28 1.70 -0.77	34.64 2.18 0.00	35.77 2.68 -0.42	36.01 2.76 0.00	36.89 2.83 0.00	38.28 2.80 0.00	39.60 2.97 0.00	43.32 3.54 0.00	45.69 3.54 0.00	45.97 3.56 0.00	43.07 3.23 0.00	39.17 2.42 0.00	35.99 2.88 0.00	33.58 2.52 0.00	32.16 1.98 -2.30
KEDC_GLWD_GT4 24219	35.95 2.13 -6.15	35.53 1.89 -7.69	29.80 1.77 -3.13	29.56 1.69 -3.77	29.66 1.72 -3.37	34.15 1.83 -6.51	35.26 2.24 -1.88	36.53 2.54 -1.42	36.57 2.59 -1.65	36.39 2.82 -0.77	35.16 2.69 0.00	36.00 2.91 -0.42	36.42 3.16 0.00	37.27 3.20 0.00	38.67 3.19 0.00	39.97 3.33 0.00	43.00 3.22 0.00	45.22 3.07 0.00	45.50 3.09 0.00	42.75 2.91 0.00	39.83 3.09 0.00	36.15 3.04 0.00	33.86 2.80 0.00	32.66 2.48 -2.30
KEDC_GLWD_GT5 24220	35.95 2.13 -6.15	35.53 1.89 -7.69	29.80 1.77 -3.13	29.56 1.69 -3.77	29.66 1.72 -3.37	34.15 1.83 -6.51	35.26 2.24 -1.88	36.53 2.54 -1.42	36.57 2.59 -1.65	36.39 2.82 -0.77	35.16 2.69 0.00	36.00 2.91 -0.42	36.42 3.16 0.00	37.27 3.20 0.00	38.67 3.19 0.00	39.97 3.33 0.00	43.00 3.22 0.00	45.22 3.07 0.00	45.50 3.09 0.00	42.75 2.91 0.00	39.83 3.09 0.00	36.15 3.04 0.00	33.86 2.80 0.00	32.66 2.48 -2.30

KENSICO____ 23655	29.16 1.49 0.00	27.27 1.32 0.00	26.12 1.22 0.00	25.26 1.16 0.00	25.75 1.18 0.00	27.07 1.26 0.00	32.70 1.56 0.00	34.35 1.79 0.00	34.20 1.87 0.00	34.67 1.87 0.00	34.48 2.01 0.00	34.70 2.03 0.00	35.25 2.00 0.00	36.35 2.28 0.00	37.86 2.38 0.00	39.17 2.53 0.00	42.44 2.67 0.00	44.72 2.57 0.00	44.99 2.59 0.00	42.23 2.39 0.00	39.25 2.50 0.00	35.26 2.15 0.00	33.12 2.05 0.00	29.72 1.84 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	29.14 1.47 0.00	27.22 1.27 0.00	26.10 1.20 0.00	25.24 1.13 0.00	25.70 1.13 0.00	27.02 1.21 0.00	32.57 1.43 0.00	34.16 1.60 0.00	33.97 1.65 0.00	34.38 1.57 0.00	34.12 1.66 0.00	34.27 1.60 0.00	34.88 1.63 0.00	36.01 1.94 0.00	37.57 2.09 0.00	38.91 2.27 0.00	42.21 2.43 0.00	44.51 2.36 0.00	44.91 2.50 0.00	42.16 2.31 0.00	39.06 2.32 0.00	35.06 1.95 0.00	32.99 1.93 0.00	29.61 1.73 0.00
KIAC_JFK_GT1 23816	29.47 1.80 0.00	27.50 1.56 0.00	26.32 1.42 0.00	25.43 1.33 0.00	25.92 1.35 0.00	27.25 1.45 0.00	33.01 1.87 0.00	34.71 2.15 0.00	34.62 2.30 0.00	34.90 2.10 0.00	34.97 2.50 0.00	35.19 2.52 0.00	35.55 2.29 0.00	36.69 2.62 0.00	38.21 2.73 0.00	39.57 2.93 0.00	42.88 3.10 0.00	45.05 2.91 0.00	45.37 2.97 0.00	42.55 2.71 0.00	39.61 2.87 0.00	35.49 2.38 0.00	33.55 2.49 0.00	30.14 2.26 0.00
KIAC_JFK_GT2 23817	29.47 1.80 0.00	27.50 1.56 0.00	26.32 1.42 0.00	25.43 1.33 0.00	25.92 1.35 0.00	27.25 1.45 0.00	33.01 1.87 0.00	34.71 2.15 0.00	34.62 2.30 0.00	34.90 2.10 0.00	34.97 2.50 0.00	35.19 2.52 0.00	35.55 2.29 0.00	36.69 2.62 0.00	38.21 2.73 0.00	39.57 2.93 0.00	42.88 3.10 0.00	45.05 2.91 0.00	45.37 2.97 0.00	42.55 2.71 0.00	39.61 2.87 0.00	35.49 2.38 0.00	33.55 2.49 0.00	30.14 2.26 0.00
KIAC_JFK____ 323774	29.47 1.80 0.00	27.50 1.56 0.00	26.32 1.42 0.00	25.43 1.33 0.00	25.92 1.35 0.00	27.25 1.44 0.00	33.01 1.87 0.00	34.71 2.15 0.00	34.59 2.26 0.00	35.30 2.49 0.00	34.90 2.44 0.00	35.19 2.52 0.00	35.88 2.63 0.00	36.69 2.62 0.00	38.21 2.73 0.00	39.53 2.89 0.00	42.88 3.10 0.00	45.05 2.91 0.00	45.37 2.97 0.00	42.56 2.71 0.00	39.61 2.87 0.00	35.56 2.45 0.00	33.58 2.52 0.00	30.14 2.26 0.00
KINTIGH____ 23543	26.42 -1.25 0.00	24.62 -1.32 0.00	23.63 -1.27 0.00	22.78 -1.33 0.00	23.17 -1.40 0.00	24.54 -1.26 0.00	29.43 -1.71 0.00	30.54 -2.02 0.00	30.05 -2.23 0.04	30.73 -2.03 0.04	30.71 -1.75 0.00	31.14 -1.54 0.00	32.29 -0.96 0.00	33.86 -0.20 0.00	34.95 -0.53 0.00	35.98 -0.66 0.00	39.22 -0.56 0.00	41.55 -0.59 0.00	41.60 -0.81 0.00	39.09 -0.76 0.00	35.46 -1.29 0.00	31.45 -1.66 0.00	29.64 -1.43 0.00	26.82 -1.06 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	28.44 0.77 0.00	26.91 0.96 0.00	25.85 0.95 0.00	25.00 0.89 0.00	25.45 0.88 0.00	26.81 1.01 0.00	32.48 1.34 0.00	33.93 1.37 0.00	33.78 1.45 0.00	34.35 1.54 0.00	33.96 1.49 0.00	33.98 1.31 0.00	34.52 1.26 0.00	35.12 1.06 0.00	36.51 1.03 0.00	37.63 0.99 0.00	41.21 1.43 0.00	43.70 1.56 0.00	43.72 1.31 0.00	40.80 0.96 0.00	37.55 0.81 0.00	33.97 0.86 0.00	31.69 0.62 0.00	28.32 0.45 0.00
LACHUTE__HYDRO 323717	30.52 2.85 0.00	28.80 2.85 0.00	27.42 2.51 0.00	26.54 2.43 0.00	27.05 2.48 0.00	28.46 2.66 0.00	34.60 3.46 0.00	36.05 3.49 0.00	35.82 3.49 0.00	36.18 3.38 0.00	35.58 3.12 0.00	35.71 3.04 0.00	36.52 3.26 0.00	37.34 3.27 0.00	38.99 3.51 0.00	40.30 3.66 0.00	43.95 4.18 0.00	47.07 4.93 0.00	47.49 5.09 0.00	44.58 4.74 0.00	41.23 4.48 0.00	36.92 3.81 0.00	34.48 3.42 0.00	30.78 2.90 0.00
LAWRNCALV_115KV_TB1 80681	27.42 -0.25 0.00	25.87 -0.08 0.00	24.85 -0.05 0.00	24.01 -0.10 0.00	24.44 -0.12 0.00	25.75 -0.05 0.00	31.14 0.00 0.00	32.56 0.00 0.00	32.46 0.13 0.00	32.90 0.10 0.00	32.64 -0.03 -0.21	32.63 -0.26 -0.22	33.20 -0.30 -0.24	33.66 -0.68 -0.27	35.09 -0.71 -0.32	36.19 -0.81 -0.36	39.40 -0.84 -0.45	41.85 -0.84 -0.55	42.07 -0.89 -0.56	39.57 -0.76 -0.48	36.61 -0.51 -0.38	33.37 0.00 -0.26	31.18 0.00 -0.12	27.82 -0.06 0.00
LEDERLE____ 23769	29.03 1.36 0.00	27.12 1.17 0.00	25.97 1.07 0.00	25.12 1.01 0.00	25.60 1.03 0.00	26.94 1.14 0.00	32.51 1.37 0.00	34.16 1.60 0.00	33.94 1.62 0.00	34.44 1.64 0.00	34.22 1.75 0.00	34.44 1.76 0.00	35.02 1.76 0.00	36.11 2.04 0.00	37.64 2.16 0.00	38.91 2.27 0.00	42.24 2.47 0.00	44.55 2.40 0.00	44.82 2.42 0.00	42.08 2.23 0.00	39.02 2.28 0.00	35.03 1.92 0.00	32.90 1.83 0.00	29.55 1.67 0.00
LIGHTHSE_115KV_TB6 355974	27.59 -0.08 0.00	25.84 -0.10 0.00	24.78 -0.12 0.00	23.96 -0.14 0.00	24.42 -0.15 0.00	25.73 -0.08 0.00	31.17 0.03 0.00	32.60 0.03 0.00	32.08 -0.26 -0.01	32.56 -0.26 -0.01	33.71 -0.36 -1.60	33.92 -0.42 -1.67	34.76 -0.37 -1.87	35.95 -0.20 -2.09	37.69 -0.21 -2.42	39.09 -0.26 -2.71	42.96 -0.28 -3.46	46.16 -0.17 -4.18	46.56 -0.08 -4.24	43.56 0.04 -3.68	39.62 -0.04 -2.91	34.99 -0.10 -1.98	31.86 -0.09 -0.89	27.77 -0.11 0.00
LINDEN COGEN____ 23786	29.25 1.58 0.00	27.32 1.37 0.00	26.17 1.27 0.00	25.29 1.18 0.00	25.77 1.20 0.00	27.12 1.32 0.00	32.76 1.62 0.00	34.48 1.92 0.00	34.36 2.04 0.00	35.04 2.23 0.00	34.64 2.18 0.00	34.93 2.25 0.00	35.78 2.53 0.00	36.62 2.56 0.00	38.07 2.59 0.00	39.35 2.71 0.00	42.60 2.82 0.00	44.80 2.66 0.00	45.12 2.72 0.00	42.36 2.51 0.00	39.47 2.72 0.00	35.50 2.39 0.00	33.36 2.30 0.00	29.94 2.06 0.00
LINDHRST_69_KV_BK1 356055	35.95 2.13 -6.15	35.51 1.87 -7.69	29.78 1.74 -3.13	29.54 1.66 -3.77	29.64 1.70 -3.37	34.13 1.81 -6.51	35.17 2.15 -1.88	36.49 2.51 -1.42	36.53 2.55 -1.65	36.10 2.53 -0.77	35.13 2.66 0.00	35.90 2.81 -0.42	35.88 2.63 0.00	37.13 3.07 0.00	38.53 3.05 0.00	40.08 3.44 0.00	43.32 3.54 0.00	45.60 3.46 0.00	45.88 3.48 0.00	43.11 3.27 0.00	39.80 3.05 0.00	36.12 3.01 0.00	33.64 2.58 0.00	32.64 2.45 -2.30
LIPA_MISC_IPP 23656	35.32 1.49 -6.15	34.81 1.17 -7.69	29.18 1.15 -3.13	28.86 0.99 -3.77	28.92 0.98 -3.37	33.43 1.11 -6.51	33.80 0.78 -1.88	35.25 1.27 -1.42	35.34 1.36 -1.65	34.72 1.15 -0.77	34.38 1.92 0.00	35.18 2.09 -0.42	34.98 1.73 0.00	36.55 2.49 0.00	37.82 2.34 0.00	39.64 3.00 0.00	42.96 3.18 0.00	45.31 3.16 0.00	45.59 3.18 0.00	42.71 2.87 0.00	38.84 2.09 0.00	35.53 2.42 0.00	32.37 1.30 0.00	31.83 1.64 -2.30
LISF__SOLAR 323691	35.34 1.52 -6.15	34.84 1.19 -7.69	29.20 1.17 -3.13	28.89 1.01 -3.77	29.00 1.06 -3.37	33.45 1.13 -6.51	33.83 0.81 -1.88	35.29 1.30 -1.42	35.37 1.39 -1.65	34.92 1.35 -0.77	34.38 1.91 0.00	35.54 2.45 -0.42	35.78 2.53 0.00	36.62 2.56 0.00	38.04 2.56 0.00	39.31 2.67 0.00	43.08 3.30 0.00	45.43 3.29 0.00	45.72 3.31 0.00	42.79 2.95 0.00	38.88 2.13 0.00	35.76 2.65 0.00	33.30 2.24 0.00	31.86 1.67 -2.30

LITTLE FALLS___HYD 24013	27.39 -0.28 0.00	25.66 -0.29 0.00	24.60 -0.30 0.00	23.82 -0.29 0.00	24.30 -0.27 0.00	25.55 -0.26 0.00	30.83 -0.31 0.00	32.24 -0.33 0.00	31.91 -0.42 0.00	32.35 -0.46 0.00	31.98 -0.49 0.00	32.22 -0.46 0.00	32.79 -0.47 0.00	33.59 -0.48 0.00	35.02 -0.46 0.00	36.12 -0.51 0.00	39.14 -0.64 0.00	41.55 -0.59 0.00	41.90 -0.51 0.00	39.65 -0.20 0.00	36.53 -0.22 0.00	32.91 -0.20 0.00	30.85 -0.22 0.00	27.65 -0.22 0.00
LITTLRIV_115KV_TB1 356100	27.70 0.03 0.00	26.16 0.21 0.00	25.08 0.17 0.00	24.23 0.12 0.00	24.69 0.12 0.00	26.01 0.21 0.00	31.51 0.37 0.00	32.99 0.42 0.00	32.81 0.48 0.00	33.26 0.46 0.00	32.98 0.29 -0.22	32.94 0.03 -0.23	33.52 0.00 -0.26	33.95 -0.41 -0.29	35.39 -0.43 -0.34	36.54 -0.48 -0.38	39.74 -0.52 -0.48	42.27 -0.46 -0.58	42.57 -0.42 -0.59	40.08 -0.28 -0.51	37.08 -0.07 -0.41	33.75 0.36 -0.28	31.50 0.31 -0.12	28.07 0.20 0.00
LI_NEWBRDGE___DRP 323616	35.70 1.88 -6.15	35.30 1.66 -7.69	29.58 1.54 -3.13	29.34 1.47 -3.77	29.46 1.52 -3.37	33.95 1.63 -6.51	34.98 1.96 -1.88	36.23 2.25 -1.42	36.27 2.30 -1.65	35.90 2.33 -0.77	34.80 2.34 0.00	35.54 2.45 -0.42	35.58 2.33 0.00	36.76 2.69 0.00	38.18 2.70 0.00	39.61 2.97 0.00	42.76 2.98 0.00	45.01 2.87 0.00	45.33 2.93 0.00	42.55 2.71 0.00	39.43 2.68 0.00	35.69 2.58 0.00	33.46 2.39 0.00	32.44 2.26 -2.30
LOCKPORT_115KV_TB60_63_64 80432	26.65 -1.02 0.00	24.75 -1.19 0.00	23.78 -1.12 0.00	22.90 -1.21 0.00	23.29 -1.28 0.00	24.70 -1.11 0.00	29.58 -1.56 0.00	30.68 -1.89 0.00	29.83 -2.46 0.04	30.73 -2.03 0.04	30.87 -1.59 0.00	31.37 -1.31 0.00	32.62 -0.63 0.00	34.37 0.31 0.00	35.41 -0.07 0.00	36.38 -0.26 0.00	39.78 0.00 0.00	42.10 -0.04 0.00	42.11 -0.30 0.00	39.53 -0.32 0.00	35.72 -1.03 0.00	31.59 -1.52 0.00	29.79 -1.27 0.00	27.07 -0.81 0.00
LOCKPORT___CC1 323769	26.67 -0.99 0.00	24.78 -1.17 0.00	23.78 -1.12 0.00	22.90 -1.20 0.00	23.29 -1.28 0.00	24.70 -1.11 0.00	29.58 -1.56 0.00	30.67 -1.89 0.00	29.83 -2.46 0.04	30.70 -2.07 0.04	31.10 -1.36 0.00	31.37 -1.31 0.00	33.26 0.00 0.00	34.41 0.34 0.00	35.41 -0.07 0.00	36.64 0.00 0.00	39.78 0.00 0.00	42.06 -0.08 0.00	42.07 -0.34 0.00	39.52 -0.32 0.00	35.72 -1.03 0.00	31.59 -1.52 0.00	29.82 -1.24 0.00	27.07 -0.81 0.00
LOCKPORT___CC2 323770	26.67 -0.99 0.00	24.78 -1.17 0.00	23.78 -1.12 0.00	22.90 -1.20 0.00	23.29 -1.28 0.00	24.70 -1.11 0.00	29.58 -1.56 0.00	30.67 -1.89 0.00	29.83 -2.46 0.04	30.70 -2.07 0.04	31.10 -1.36 0.00	31.37 -1.31 0.00	33.26 0.00 0.00	34.41 0.34 0.00	35.41 -0.07 0.00	36.64 0.00 0.00	39.78 0.00 0.00	42.06 -0.08 0.00	42.07 -0.34 0.00	39.52 -0.32 0.00	35.72 -1.03 0.00	31.59 -1.52 0.00	29.82 -1.24 0.00	27.07 -0.81 0.00
LOCKPORT___CC3 323771	26.67 -0.99 0.00	24.78 -1.17 0.00	23.78 -1.12 0.00	22.90 -1.20 0.00	23.29 -1.28 0.00	24.70 -1.11 0.00	29.58 -1.56 0.00	30.67 -1.89 0.00	29.83 -2.46 0.04	30.70 -2.07 0.04	31.10 -1.36 0.00	31.37 -1.31 0.00	33.26 0.00 0.00	34.41 0.34 0.00	35.41 -0.07 0.00	36.64 0.00 0.00	39.78 0.00 0.00	42.06 -0.08 0.00	42.07 -0.34 0.00	39.52 -0.32 0.00	35.72 -1.03 0.00	31.59 -1.52 0.00	29.82 -1.24 0.00	27.07 -0.81 0.00
LONG_LAKE_PHOENIX 24014	27.31 -0.36 0.00	25.58 -0.36 0.00	24.56 -0.35 0.00	23.75 -0.36 0.00	24.20 -0.37 0.00	25.44 -0.36 0.00	30.77 -0.37 0.00	32.11 -0.46 0.00	31.68 -0.68 -0.03	32.18 -0.66 -0.03	34.02 -0.68 -2.24	34.36 -0.65 -2.34	35.31 -0.57 -2.62	36.65 -0.34 -2.93	38.52 -0.35 -3.39	40.07 -0.37 -3.80	44.18 -0.44 -4.84	47.66 -0.34 -5.85	47.96 -0.38 -5.93	44.67 -0.32 -5.14	40.41 -0.40 -4.07	35.35 -0.53 -2.76	31.82 -0.50 -1.25	27.43 -0.45 0.00
LOVETT___3 23632	28.91 1.25 0.00	27.01 1.06 0.00	25.90 1.00 0.00	25.05 0.94 0.00	25.53 0.96 0.00	26.84 1.03 0.00	32.39 1.25 0.00	34.03 1.47 0.00	33.81 1.49 0.00	34.31 1.51 0.00	34.12 1.66 0.00	34.31 1.63 0.00	34.88 1.63 0.00	35.98 1.91 0.00	37.47 1.99 0.00	38.76 2.12 0.00	42.05 2.27 0.00	44.34 2.19 0.00	44.61 2.21 0.00	41.88 2.03 0.00	38.84 2.09 0.00	34.90 1.79 0.00	32.77 1.71 0.00	29.44 1.56 0.00
LOVETT___4 23642	28.91 1.25 0.00	27.01 1.06 0.00	25.90 1.00 0.00	25.05 0.94 0.00	25.53 0.96 0.00	26.84 1.03 0.00	32.39 1.25 0.00	34.03 1.47 0.00	33.81 1.49 0.00	34.31 1.51 0.00	34.12 1.66 0.00	34.31 1.63 0.00	34.88 1.63 0.00	35.98 1.91 0.00	37.47 1.99 0.00	38.76 2.12 0.00	42.05 2.27 0.00	44.34 2.19 0.00	44.61 2.21 0.00	41.88 2.03 0.00	38.84 2.09 0.00	34.90 1.79 0.00	32.77 1.71 0.00	29.44 1.56 0.00
LOVETT___5 23593	28.91 1.25 0.00	27.01 1.06 0.00	25.90 1.00 0.00	25.05 0.94 0.00	25.53 0.96 0.00	26.84 1.03 0.00	32.39 1.25 0.00	34.03 1.47 0.00	33.81 1.49 0.00	34.31 1.51 0.00	34.12 1.66 0.00	34.31 1.63 0.00	34.88 1.63 0.00	35.98 1.91 0.00	37.47 1.99 0.00	38.76 2.12 0.00	42.05 2.27 0.00	44.34 2.19 0.00	44.61 2.21 0.00	41.88 2.03 0.00	38.84 2.09 0.00	34.90 1.79 0.00	32.77 1.71 0.00	29.44 1.56 0.00
LOWER RAQUET___HYD 24057	27.39 -0.28 0.00	25.84 -0.10 0.00	24.80 -0.10 0.00	23.99 -0.12 0.00	24.42 -0.15 0.00	25.73 -0.08 0.00	31.11 -0.03 0.00	32.56 0.00 0.00	32.42 0.10 0.00	32.77 -0.03 0.00	32.60 -0.10 -0.24	32.59 -0.33 -0.25	32.80 -0.73 -0.28	33.63 -0.75 -0.31	35.02 -0.81 -0.36	36.16 -0.88 -0.40	39.34 -0.96 -0.51	41.80 -0.97 -0.62	42.01 -1.02 -0.63	39.59 -0.80 -0.54	36.63 -0.55 -0.43	33.37 -0.03 -0.29	31.26 0.06 -0.13	27.85 -0.03 0.00
LOWER___HUDSON 24059	28.78 1.11 0.00	27.04 1.09 0.00	25.93 1.02 0.00	25.10 0.99 0.00	25.58 1.01 0.00	26.86 1.06 0.00	32.39 1.25 0.00	33.96 1.40 0.00	33.65 1.33 0.00	34.15 1.35 0.00	33.63 1.17 0.00	33.85 1.17 0.00	34.59 1.33 0.00	35.36 1.29 0.00	36.90 1.42 0.00	38.10 1.47 0.00	41.37 1.59 0.00	43.87 1.73 0.00	44.19 1.78 0.00	41.56 1.71 0.00	38.40 1.66 0.00	34.60 1.49 0.00	32.43 1.37 0.00	29.08 1.20 0.00
LOWVILLE_115KV_TB2 356335	28.33 0.66 0.00	26.57 0.62 0.00	25.45 0.55 0.00	24.61 0.51 0.00	25.08 0.52 0.00	26.48 0.67 0.00	32.14 1.00 0.00	33.64 1.07 0.00	33.13 0.81 0.00	33.56 0.75 0.00	33.56 0.58 -0.51	33.66 0.46 -0.53	34.35 0.50 -0.60	35.25 0.51 -0.67	36.78 0.53 -0.77	38.05 0.55 -0.86	41.56 0.68 -1.10	44.41 0.93 -1.33	44.95 1.19 -1.35	42.29 1.28 -1.17	38.88 1.21 -0.92	34.80 1.06 -0.63	32.22 0.87 -0.28	28.60 0.72 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	29.25 1.58 0.00	27.50 1.56 0.00	26.32 1.42 0.00	25.48 1.37 0.00	25.97 1.40 0.00	27.28 1.47 0.00	32.95 1.81 0.00	34.45 1.89 0.00	34.17 1.84 0.00	34.54 1.74 0.00	34.12 1.66 0.00	34.31 1.63 0.00	34.88 1.63 0.00	35.91 1.84 0.00	37.47 1.99 0.00	38.69 2.05 0.00	42.09 2.31 0.00	44.76 2.61 0.00	45.08 2.67 0.00	42.35 2.51 0.00	39.13 2.39 0.00	35.16 2.05 0.00	33.02 1.96 0.00	29.55 1.67 0.00

LUTHERNY_35_KV_BK2 355980	29.25 1.58 0.00	27.50 1.56 0.00	26.32 1.42 0.00	25.48 1.37 0.00	25.97 1.40 0.00	27.30 1.50 0.00	32.95 1.81 0.00	34.49 1.92 0.00	34.20 1.87 0.00	34.58 1.77 0.00	34.15 1.69 0.00	34.34 1.67 0.00	34.88 1.63 0.00	35.94 1.87 0.00	37.47 1.99 0.00	38.73 2.09 0.00	42.13 2.35 0.00	44.76 2.61 0.00	45.12 2.71 0.00	42.39 2.55 0.00	39.17 2.43 0.00	35.20 2.09 0.00	33.02 1.96 0.00	29.55 1.67 0.00
LWR___OSWEGATCHIE_HYD 23850	27.75 0.08 0.00	26.13 0.18 0.00	25.05 0.15 0.00	24.20 0.10 0.00	24.67 0.10 0.00	26.01 0.21 0.00	31.55 0.40 0.00	33.02 0.46 0.00	32.71 0.39 0.00	33.13 0.33 0.00	33.07 0.16 -0.44	33.07 -0.07 -0.46	33.70 -0.07 -0.51	34.40 -0.24 -0.57	35.86 -0.28 -0.67	37.09 -0.29 -0.74	40.45 -0.28 -0.95	43.12 -0.17 -1.15	43.49 -0.08 -1.16	40.97 0.12 -1.01	37.76 0.22 -0.80	34.12 0.46 -0.54	31.68 0.37 -0.24	28.13 0.25 0.00
LYONS_FALL_HYD 23570	28.39 0.72 0.00	26.60 0.65 0.00	25.50 0.60 0.00	24.64 0.53 0.00	25.13 0.57 0.00	26.50 0.70 0.00	32.11 0.97 0.00	33.61 1.04 0.00	33.13 0.81 0.00	33.59 0.79 0.00	33.53 0.68 -0.39	33.67 0.59 -0.40	34.41 0.70 -0.45	35.25 0.68 -0.51	36.77 0.71 -0.59	38.03 0.73 -0.65	41.49 0.87 -0.84	44.21 1.05 -1.01	44.70 1.27 -1.02	42.04 1.31 -0.88	38.69 1.25 -0.70	34.64 1.06 -0.47	32.18 0.90 -0.21	28.60 0.72 0.00
MADISON___COUNTY_LFGE 323628	28.56 0.89 0.00	26.75 0.80 0.00	25.63 0.72 0.00	24.76 0.65 0.00	25.26 0.69 0.00	26.63 0.83 0.00	32.23 1.09 0.00	33.70 1.14 0.00	33.16 0.84 0.01	33.65 0.85 0.01	33.68 0.81 -0.41	33.95 0.85 -0.42	34.66 0.93 -0.47	35.69 1.09 -0.53	37.23 1.14 -0.61	38.46 1.14 -0.69	41.93 1.27 -0.88	44.64 1.43 -1.06	45.05 1.57 -1.07	42.35 1.59 -0.91	38.87 1.40 -0.72	34.73 1.13 -0.49	32.22 0.93 -0.22	28.69 0.81 0.00
MALONE___115KV_TB1 356076	28.00 0.33 0.00	26.44 0.49 0.00	25.40 0.50 0.00	24.57 0.46 0.00	25.01 0.44 0.00	26.35 0.54 0.00	31.89 0.75 0.00	33.38 0.81 0.00	33.26 0.94 0.00	33.79 0.98 0.00	33.34 0.88 0.00	33.39 0.72 0.00	33.92 0.67 0.00	34.48 0.41 0.00	35.83 0.35 0.00	36.93 0.29 0.00	40.34 0.56 0.00	42.74 0.59 0.00	42.79 0.38 0.00	40.08 0.24 0.00	37.00 0.26 0.00	33.57 0.46 0.00	31.41 0.34 0.00	28.10 0.22 0.00
MAPLEWOD_115KV_TB3 80458	28.53 0.86 0.00	26.80 0.86 0.00	25.68 0.77 0.00	24.88 0.77 0.00	25.38 0.81 0.00	26.63 0.83 0.00	32.14 1.00 0.00	33.70 1.14 0.00	33.39 1.07 0.00	33.79 0.98 0.00	33.41 0.94 0.00	33.59 0.91 0.00	34.12 0.86 0.00	35.12 1.06 0.00	36.65 1.17 0.00	37.85 1.21 0.00	41.09 1.31 0.00	43.58 1.43 0.00	43.89 1.48 0.00	41.28 1.43 0.00	38.14 1.40 0.00	34.30 1.19 0.00	32.25 1.18 0.00	28.85 0.98 0.00
MAPLE_RIDGE_WT_1 323574	27.31 -0.36 0.00	25.74 -0.21 0.00	24.73 -0.17 0.00	23.94 -0.17 0.00	24.37 -0.20 0.00	25.60 -0.21 0.00	30.86 -0.28 0.00	32.27 -0.29 0.00	32.17 -0.16 0.00	32.61 -0.20 0.00	32.34 -0.13 0.00	32.51 -0.16 0.00	32.86 -0.40 0.00	33.66 -0.41 0.00	35.06 -0.42 0.00	36.16 -0.48 0.00	39.30 -0.48 0.00	41.64 -0.50 0.00	41.81 -0.59 0.00	39.21 -0.64 0.00	36.09 -0.66 0.00	32.48 -0.63 0.00	30.35 -0.71 0.00	27.13 -0.75 0.00
MAPLE_RIDGE_WT_2 323611	27.31 -0.36 0.00	25.74 -0.21 0.00	24.73 -0.17 0.00	23.94 -0.17 0.00	24.37 -0.20 0.00	25.60 -0.21 0.00	30.86 -0.28 0.00	32.27 -0.29 0.00	32.17 -0.16 0.00	32.61 -0.20 0.00	32.34 -0.13 0.00	32.51 -0.16 0.00	32.86 -0.40 0.00	33.66 -0.41 0.00	35.06 -0.42 0.00	36.16 -0.48 0.00	39.30 -0.48 0.00	41.64 -0.50 0.00	41.81 -0.59 0.00	39.21 -0.64 0.00	36.09 -0.66 0.00	32.48 -0.63 0.00	30.35 -0.71 0.00	27.13 -0.75 0.00
MARBLE_RIVER_WT_PWR 323696	27.95 0.28 0.00	26.42 0.47 0.00	25.38 0.47 0.00	24.54 0.43 0.00	24.98 0.42 0.00	26.29 0.49 0.00	31.80 0.65 0.00	33.25 0.68 0.00	33.13 0.81 0.00	33.56 0.76 0.00	33.28 0.81 0.00	33.33 0.65 0.00	33.55 0.30 0.00	34.41 0.34 0.00	35.76 0.28 0.00	36.86 0.22 0.00	40.22 0.44 0.00	42.61 0.46 0.00	42.66 0.26 0.00	39.88 0.04 0.00	36.75 0.00 0.00	33.24 0.13 0.00	31.10 0.03 0.00	27.85 -0.03 0.00
MARSHVLE_115KV_TB1 80742	30.30 2.63 0.00	28.44 2.49 0.00	27.19 2.29 0.00	26.33 2.22 0.00	26.85 2.28 0.00	28.28 2.48 0.00	34.32 3.18 0.00	35.62 3.06 0.00	34.91 2.59 0.00	34.90 2.10 0.00	34.38 1.92 0.00	34.54 1.86 0.00	35.18 1.93 0.00	36.28 2.21 0.00	38.07 2.59 0.00	39.50 2.86 0.00	43.80 4.02 0.00	46.82 4.68 0.00	47.20 4.79 0.00	44.39 4.54 0.00	40.94 4.19 0.00	36.69 3.58 0.00	34.30 3.23 0.00	30.64 2.76 0.00
MARSH_HILL_WT_PWR 323713	29.58 1.91 0.00	27.45 1.50 0.00	26.35 1.44 0.00	25.38 1.28 0.00	25.87 1.30 0.00	27.56 1.76 0.00	33.41 2.27 0.00	35.11 2.54 0.00	33.27 0.97 0.02	34.39 1.61 0.02	34.85 2.08 -0.31	35.18 2.19 -0.32	36.87 3.26 -0.36	38.31 3.85 -0.40	39.74 3.80 -0.46	41.29 4.14 -0.52	44.78 4.38 -0.62	47.91 5.01 -0.75	47.92 4.75 -0.76	44.77 4.22 -0.71	40.65 3.34 -0.56	35.77 2.28 -0.38	33.20 1.96 -0.17	29.66 1.79 0.00
MCINTYRE_115KV_TB2 80467	27.89 0.22 0.00	26.34 0.39 0.00	25.25 0.35 0.00	24.40 0.29 0.00	24.84 0.27 0.00	26.19 0.39 0.00	31.70 0.56 0.00	33.18 0.62 0.00	32.97 0.65 0.00	33.39 0.59 0.00	33.12 0.45 -0.20	33.15 0.26 -0.21	33.69 0.20 -0.24	34.13 -0.20 -0.26	35.54 -0.25 -0.31	36.72 -0.26 -0.34	40.02 -0.20 -0.44	42.55 -0.13 -0.53	42.86 -0.08 -0.54	40.35 0.04 -0.46	37.30 0.18 -0.37	33.89 0.53 -0.25	31.61 0.43 -0.11	28.18 0.31 0.00
MECO_____69_KV_BK1 80468	30.44 2.77 0.00	28.62 2.67 0.00	27.32 2.42 0.00	26.47 2.36 0.00	26.98 2.41 0.00	28.44 2.63 0.00	34.50 3.36 0.00	35.85 3.29 0.00	35.33 3.01 0.00	35.46 2.66 0.00	34.90 2.43 0.00	35.06 2.39 0.00	35.75 2.49 0.00	36.83 2.76 0.00	38.57 3.09 0.00	40.05 3.41 0.00	44.07 4.30 0.00	47.08 4.93 0.00	47.45 5.05 0.00	44.59 4.74 0.00	41.16 4.41 0.00	36.88 3.77 0.00	34.51 3.45 0.00	30.81 2.93 0.00
MENANDS___115KV_TB5 355628	28.36 0.69 0.00	26.65 0.70 0.00	25.53 0.62 0.00	24.73 0.63 0.00	25.23 0.66 0.00	26.48 0.67 0.00	31.95 0.81 0.00	33.48 0.91 0.00	33.17 0.84 0.00	33.62 0.82 0.00	33.24 0.78 0.00	33.43 0.75 0.00	33.92 0.67 0.00	34.92 0.85 0.00	36.44 0.96 0.00	37.63 0.99 0.00	40.85 1.07 0.00	43.28 1.14 0.00	43.59 1.19 0.00	41.00 1.16 0.00	37.89 1.14 0.00	34.10 0.99 0.00	32.06 0.99 0.00	28.69 0.81 0.00
MG INDUSTRY___DRP 24185	28.47 0.80 0.00	26.75 0.80 0.00	25.65 0.75 0.00	24.83 0.72 0.00	25.33 0.76 0.00	26.55 0.75 0.00	32.04 0.90 0.00	33.51 0.94 0.00	33.17 0.84 0.00	33.53 0.72 0.00	33.11 0.65 0.00	33.26 0.59 0.00	33.75 0.50 0.00	34.78 0.72 0.00	36.30 0.82 0.00	37.52 0.88 0.00	40.77 0.99 0.00	43.33 1.18 0.00	43.68 1.27 0.00	41.04 1.20 0.00	37.92 1.18 0.00	34.14 1.03 0.00	32.09 1.03 0.00	28.74 0.86 0.00

MID___OSWEGATCHIE_HYD 23849	27.75 0.08 0.00	26.13 0.18 0.00	25.05 0.15 0.00	24.20 0.10 0.00	24.67 0.10 0.00	26.01 0.21 0.00	31.55 0.40 0.00	33.02 0.46 0.00	32.71 0.39 0.00	33.13 0.33 0.00	33.07 0.16 -0.44	33.07 -0.07 -0.46	33.70 -0.07 -0.51	34.40 -0.24 -0.57	35.86 -0.28 -0.67	37.09 -0.29 -0.74	40.45 -0.28 -0.95	43.12 -0.17 -1.15	43.49 -0.08 -1.16	40.97 0.12 -1.01	37.76 0.22 -0.80	34.12 0.46 -0.54	31.68 0.37 -0.24	28.13 0.25 0.00
MID___RAQUETTE_HYD 23851	27.39 -0.28 0.00	25.84 -0.10 0.00	24.80 -0.10 0.00	23.99 -0.12 0.00	24.42 -0.15 0.00	25.73 -0.08 0.00	31.11 -0.03 0.00	32.56 0.00 0.00	32.42 0.10 0.00	32.87 0.07 0.00	32.64 -0.06 -0.24	32.59 -0.33 -0.25	33.13 -0.40 -0.28	33.63 -0.75 -0.31	35.02 -0.82 -0.36	36.16 -0.88 -0.40	39.34 -0.95 -0.51	41.79 -0.97 -0.62	42.01 -1.02 -0.63	39.59 -0.80 -0.54	36.62 -0.55 -0.43	33.40 0.00 -0.29	31.26 0.06 -0.13	27.85 -0.03 0.00
MILLIKEN___1 23584	28.44 0.77 0.00	26.60 0.65 0.00	25.50 0.60 0.00	24.64 0.53 0.00	25.13 0.57 0.00	26.48 0.67 0.00	32.11 0.97 0.00	33.61 1.04 0.00	32.86 0.55 0.01	33.35 0.56 0.01	33.63 0.55 -0.61	33.93 0.62 -0.64	34.73 0.76 -0.71	35.99 1.12 -0.80	37.61 1.21 -0.92	38.95 1.28 -1.03	42.51 1.43 -1.30	45.49 1.77 -1.58	45.83 1.82 -1.60	42.97 1.75 -1.38	39.27 1.43 -1.09	34.88 1.03 -0.74	32.30 0.90 -0.33	28.60 0.72 0.00
MILLIKEN___2 23585	28.44 0.77 0.00	26.60 0.65 0.00	25.50 0.60 0.00	24.64 0.53 0.00	25.13 0.57 0.00	26.48 0.67 0.00	32.11 0.97 0.00	33.61 1.04 0.00	32.86 0.55 0.01	33.35 0.56 0.01	33.63 0.55 -0.61	33.93 0.62 -0.64	34.73 0.76 -0.71	35.99 1.12 -0.80	37.61 1.21 -0.92	38.95 1.28 -1.03	42.51 1.43 -1.30	45.49 1.77 -1.58	45.83 1.82 -1.60	42.97 1.75 -1.38	39.27 1.43 -1.09	34.88 1.03 -0.74	32.30 0.90 -0.33	28.60 0.72 0.00
MILLIKEN___DIESEL 23629	28.44 0.77 0.00	26.60 0.65 0.00	25.50 0.60 0.00	24.64 0.53 0.00	25.13 0.57 0.00	26.48 0.67 0.00	32.11 0.97 0.00	33.61 1.04 0.00	32.86 0.55 0.01	33.35 0.56 0.01	33.63 0.55 -0.61	33.93 0.62 -0.64	34.73 0.76 -0.71	35.99 1.12 -0.80	37.61 1.21 -0.92	38.95 1.28 -1.03	42.51 1.43 -1.30	45.49 1.77 -1.58	45.83 1.82 -1.60	42.97 1.75 -1.38	39.27 1.43 -1.09	34.88 1.03 -0.74	32.30 0.90 -0.33	28.60 0.72 0.00
MILLSEAT___LFGE 323607	27.06 -0.61 0.00	25.17 -0.78 0.00	24.13 -0.77 0.00	23.24 -0.87 0.00	23.63 -0.93 0.00	25.08 -0.72 0.00	30.08 -1.06 0.00	31.33 -1.24 0.00	30.51 -1.78 0.04	31.36 -1.41 0.04	31.66 -0.81 0.00	31.92 -0.75 0.00	33.75 0.50 0.00	34.99 0.92 0.00	36.01 0.53 0.00	37.30 0.66 0.00	40.45 0.68 0.00	42.90 0.76 0.00	43.00 0.59 0.00	40.36 0.52 0.00	36.49 -0.26 0.00	32.28 -0.83 0.00	30.35 -0.71 0.00	27.46 -0.42 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	29.05 1.38 0.00	27.17 1.22 0.00	26.02 1.12 0.00	25.17 1.06 0.00	25.65 1.08 0.00	26.97 1.16 0.00	32.54 1.40 0.00	34.22 1.66 0.00	34.01 1.68 0.00	34.51 1.71 0.00	34.28 1.82 0.00	34.50 1.83 0.00	35.05 1.80 0.00	36.18 2.11 0.00	37.68 2.20 0.00	38.98 2.34 0.00	42.24 2.47 0.00	44.51 2.36 0.00	44.82 2.42 0.00	42.08 2.23 0.00	39.06 2.32 0.00	35.10 1.99 0.00	32.96 1.89 0.00	29.58 1.70 0.00
MILLWOOD_13_KV_LOAD 356217	29.14 1.47 0.00	27.25 1.30 0.00	26.10 1.20 0.00	25.24 1.13 0.00	25.72 1.15 0.00	27.04 1.24 0.00	32.64 1.49 0.00	34.29 1.73 0.00	34.10 1.78 0.00	34.61 1.80 0.00	34.38 1.92 0.00	34.60 1.93 0.00	35.18 1.93 0.00	36.28 2.21 0.00	37.75 2.27 0.00	39.09 2.45 0.00	42.36 2.59 0.00	44.63 2.49 0.00	44.91 2.50 0.00	42.20 2.35 0.00	39.17 2.43 0.00	35.20 2.09 0.00	33.05 1.99 0.00	29.66 1.78 0.00
MODEL_CITY_ENERGY 24167	26.31 -1.36 0.00	24.44 -1.51 0.00	23.46 -1.45 0.00	22.61 -1.49 0.00	22.99 -1.57 0.00	24.39 -1.42 0.00	29.18 -1.96 0.00	30.25 -2.31 0.00	29.44 -2.84 0.04	30.27 -2.49 0.04	30.68 -1.79 0.00	30.94 -1.73 0.00	32.79 -0.47 0.00	33.93 -0.14 0.00	34.91 -0.57 0.00	36.09 -0.55 0.00	39.18 -0.60 0.01	41.47 -0.68 0.00	41.47 -0.93 0.00	38.97 -0.88 0.00	35.20 -1.54 0.00	31.16 -1.95 0.00	29.42 -1.65 0.00	26.71 -1.17 0.00
MODERN_LFGE___ 323580	26.31 -1.36 0.00	24.44 -1.51 0.00	23.46 -1.45 0.00	22.61 -1.49 0.00	22.99 -1.57 0.00	24.39 -1.42 0.00	29.18 -1.96 0.00	30.25 -2.31 0.00	29.44 -2.84 0.04	30.27 -2.49 0.04	30.68 -1.79 0.00	30.94 -1.73 0.00	32.79 -0.47 0.00	33.93 -0.14 0.00	34.91 -0.57 0.00	36.09 -0.55 0.00	39.18 -0.60 0.01	41.47 -0.68 0.00	41.47 -0.93 0.00	38.97 -0.88 0.00	35.20 -1.54 0.00	31.16 -1.95 0.00	29.42 -1.65 0.00	26.71 -1.17 0.00
MOHAWK_PAPER___DRP 24187	28.53 0.86 0.00	26.80 0.86 0.00	25.68 0.77 0.00	24.88 0.77 0.00	25.38 0.81 0.00	26.63 0.83 0.00	32.14 1.00 0.00	33.70 1.14 0.00	33.39 1.07 0.00	33.79 0.98 0.00	33.41 0.94 0.00	33.59 0.91 0.00	34.12 0.86 0.00	35.12 1.06 0.00	36.65 1.17 0.00	37.85 1.21 0.00	41.09 1.31 0.00	43.58 1.43 0.00	43.89 1.48 0.00	41.28 1.43 0.00	38.14 1.40 0.00	34.30 1.19 0.00	32.25 1.18 0.00	28.85 0.98 0.00
MOHICAN___35_KV_115KV_LD 80490	29.61 1.94 0.00	27.87 1.92 0.00	26.65 1.74 0.00	25.77 1.66 0.00	26.29 1.72 0.00	27.64 1.83 0.00	33.45 2.30 0.00	34.97 2.41 0.00	34.69 2.36 0.00	35.04 2.23 0.00	34.58 2.11 0.00	34.77 2.09 0.00	35.32 2.06 0.00	36.35 2.28 0.00	37.93 2.45 0.00	39.20 2.56 0.00	42.64 2.86 0.00	45.47 3.33 0.00	45.84 3.43 0.00	43.07 3.23 0.00	39.80 3.05 0.00	35.69 2.58 0.00	33.46 2.39 0.00	29.91 2.04 0.00
MONGAUP___HYD 23641	28.94 1.27 0.00	27.04 1.09 0.00	25.93 1.02 0.00	25.07 0.97 0.00	25.55 0.98 0.00	26.86 1.06 0.00	32.39 1.25 0.00	33.93 1.37 0.00	33.65 1.33 0.00	34.15 1.35 0.00	33.70 1.23 0.00	33.88 1.21 0.00	34.75 1.50 0.00	35.56 1.50 0.00	37.15 1.67 0.00	38.43 1.79 0.00	41.77 1.99 0.00	44.13 1.98 0.00	44.53 2.12 0.00	41.80 1.95 0.00	38.73 1.98 0.00	34.80 1.69 0.00	32.74 1.68 0.00	29.35 1.48 0.00
MONTAUK___DIESEL 23721	34.79 0.97 -6.15	34.29 0.65 -7.69	28.70 0.67 -3.13	28.50 0.63 -3.77	28.63 0.69 -3.37	33.12 0.80 -6.51	33.27 0.25 -1.88	34.67 0.68 -1.42	34.82 0.84 -1.65	34.23 0.66 -0.77	34.19 1.72 0.00	35.05 1.96 -0.42	34.78 1.53 0.00	36.38 2.32 0.00	37.61 2.13 0.00	39.50 2.86 0.00	42.88 3.10 0.00	45.22 3.08 0.00	45.42 3.01 0.00	42.47 2.63 0.00	38.51 1.76 0.00	35.23 2.12 0.00	31.81 0.75 0.00	31.24 1.06 -2.30
MOONROAD_115KV_HARTFLD_TB1-2 355988	28.22 0.55 0.00	26.13 0.18 0.00	25.13 0.22 0.00	24.23 0.12 0.00	24.64 0.07 0.00	26.24 0.44 0.00	31.67 0.53 0.00	33.08 0.52 0.00	31.55 -0.74 0.03	32.70 -0.07 0.03	33.18 0.71 0.00	33.69 1.01 0.00	34.98 1.73 0.00	36.93 2.86 0.00	38.03 2.55 0.00	39.06 2.42 0.00	42.89 3.10 0.00	45.31 3.16 0.00	45.33 2.93 0.00	42.47 2.63 0.00	38.25 1.51 0.00	33.81 0.70 0.00	31.72 0.65 0.00	28.69 0.81 0.00

MORRIS_RIDGE___SOLAR 323848	27.59 -0.08 0.00	25.66 -0.29 0.00	24.63 -0.27 0.00	23.75 -0.36 0.00	24.17 -0.39 0.00	25.62 -0.18 0.00	30.86 -0.28 0.00	32.17 -0.39 0.00	31.04 -1.26 0.03	31.95 -0.82 0.03	32.08 -0.39 0.00	32.51 -0.16 0.00	33.65 0.40 0.00	35.33 1.26 0.00	36.51 1.03 0.00	37.55 0.92 0.00	41.01 1.23 0.00	43.49 1.35 0.00	43.59 1.19 0.00	41.13 0.84 -0.45	37.29 0.18 -0.36	33.02 -0.33 -0.24	30.93 -0.25 -0.11	27.82 -0.06 0.00
MORTIMER_115KV_TB3 55949	27.01 -0.66 0.00	25.20 -0.75 0.00	24.16 -0.75 0.00	23.29 -0.82 0.00	23.71 -0.86 0.00	25.08 -0.72 0.00	30.14 -1.00 0.00	31.49 -1.07 0.00	30.99 -1.29 0.04	31.65 -1.12 0.04	31.49 -0.97 0.00	31.89 -0.78 0.00	32.92 -0.33 0.00	34.41 0.34 0.00	35.59 0.11 0.00	36.71 0.07 0.00	39.94 0.16 0.00	42.40 0.25 0.00	42.53 0.13 0.00	39.92 0.08 0.00	36.34 -0.40 0.00	32.32 -0.79 0.00	30.32 -0.75 0.00	27.32 -0.56 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	29.36 1.69 0.00	27.43 1.48 0.00	26.27 1.37 0.00	25.39 1.28 0.00	25.89 1.33 0.00	27.20 1.39 0.00	32.85 1.71 0.00	34.55 1.99 0.00	34.40 2.07 0.00	34.90 2.10 0.00	34.74 2.27 0.00	34.96 2.29 0.00	35.55 2.29 0.00	36.69 2.62 0.00	38.18 2.70 0.00	39.50 2.86 0.00	42.76 2.98 0.00	45.01 2.87 0.00	45.29 2.88 0.00	42.51 2.67 0.00	39.54 2.79 0.00	35.49 2.38 0.00	33.36 2.30 0.00	29.97 2.09 0.00
MUNSVILLE_WIND_PWR 323609	30.27 2.60 0.00	28.26 2.31 0.00	27.02 2.12 0.00	26.08 1.98 0.00	26.63 2.06 0.00	28.23 2.42 0.00	34.32 3.18 0.00	35.89 3.32 0.00	34.81 2.49 0.01	35.39 2.59 0.01	35.32 2.37 -0.48	35.59 2.42 -0.50	36.71 2.89 -0.56	37.66 2.96 -0.63	39.36 3.16 -0.73	40.90 3.44 -0.82	44.71 3.90 -1.03	47.94 4.55 -1.24	48.58 4.92 -1.26	45.77 4.86 -1.07	41.89 4.30 -0.85	37.16 3.48 -0.58	34.37 3.05 -0.26	30.47 2.59 0.00
N SALMON___HYD 24042	28.00 0.33 0.00	26.44 0.49 0.00	25.40 0.50 0.00	24.56 0.46 0.00	25.01 0.44 0.00	26.35 0.54 0.00	31.89 0.75 0.00	33.38 0.81 0.00	33.26 0.94 0.00	33.66 0.85 0.00	33.34 0.88 0.00	33.39 0.72 0.00	33.59 0.33 0.00	34.48 0.41 0.00	35.83 0.35 0.00	36.93 0.29 0.00	40.34 0.56 0.00	42.73 0.59 0.00	42.79 0.38 0.00	40.08 0.24 0.00	36.97 0.22 0.00	33.54 0.43 0.00	31.41 0.34 0.00	28.10 0.22 0.00
N.AKRON__115KV_KNAPP 355671	27.03 -0.64 0.00	25.14 -0.80 0.00	24.13 -0.77 0.00	23.24 -0.87 0.00	23.61 -0.96 0.00	25.08 -0.72 0.00	30.08 -1.06 0.00	31.33 -1.24 0.00	30.48 -1.81 0.04	31.36 -1.41 0.04	31.43 -1.04 0.00	31.92 -0.75 0.00	33.16 -0.10 0.00	34.95 0.89 0.00	35.98 0.50 0.00	37.04 0.40 0.00	40.45 0.68 0.00	42.90 0.76 0.00	43.00 0.59 0.00	40.32 0.48 0.00	36.45 -0.29 0.00	32.22 -0.89 0.00	30.32 -0.75 0.00	27.46 -0.42 0.00
N.BELMOR_69_KV_BK1 55787	35.90 2.08 -6.15	35.46 1.82 -7.69	29.73 1.69 -3.13	29.49 1.62 -3.77	29.59 1.65 -3.37	34.10 1.78 -6.51	35.17 2.15 -1.88	36.46 2.47 -1.42	36.50 2.52 -1.65	36.10 2.53 -0.77	35.10 2.63 0.00	35.83 2.74 -0.42	35.88 2.63 0.00	37.10 3.03 0.00	38.50 3.02 0.00	39.97 3.33 0.00	43.16 3.38 0.00	45.43 3.29 0.00	45.71 3.31 0.00	42.95 3.11 0.00	39.80 3.05 0.00	36.02 2.91 0.00	33.67 2.61 0.00	32.61 2.43 -2.30
N.E_GEN_SANDY PD 24062	28.69 1.02 0.00	26.93 0.99 0.00	25.83 0.92 0.00	25.00 0.89 0.00	25.48 0.91 0.00	26.76 0.96 0.00	32.20 1.06 0.00	33.83 1.27 0.00	33.55 1.23 0.00	34.12 1.31 0.00	33.63 1.17 0.00	33.82 1.14 0.00	34.59 1.33 0.00	35.36 1.29 0.00	36.90 1.42 0.00	38.07 1.43 0.00	41.33 1.55 0.00	43.66 1.52 0.00	43.98 1.57 0.00	41.40 1.55 0.00	38.25 1.51 0.00	34.50 1.39 0.00	32.40 1.33 0.00	29.05 1.17 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	28.94 1.27 0.00	27.04 1.09 0.00	25.92 1.02 0.00	25.07 0.96 0.00	25.55 0.98 0.00	26.86 1.06 0.00	32.45 1.31 0.00	34.06 1.50 0.00	33.85 1.52 0.00	34.35 1.54 0.00	34.15 1.69 0.00	34.34 1.67 0.00	34.92 1.66 0.00	36.01 1.94 0.00	37.50 2.02 0.00	38.80 2.16 0.00	42.13 2.35 0.00	44.38 2.23 0.00	44.70 2.29 0.00	41.96 2.11 0.00	38.91 2.17 0.00	34.93 1.82 0.00	32.84 1.77 0.00	29.47 1.59 0.00
N.QUEENS_27_KV_LOAD 356247	29.61 1.94 -0.01	27.67 1.71 -0.01	26.51 1.59 -0.01	25.63 1.52 -0.01	26.12 1.55 -0.01	27.40 1.60 0.00	32.85 1.71 0.00	34.58 2.02 0.00	34.36 2.04 0.00	34.90 2.10 0.00	34.80 2.34 0.00	35.12 2.45 0.00	35.72 2.46 0.00	36.89 2.83 0.00	38.42 2.94 0.00	39.76 3.11 -0.01	43.09 3.30 -0.01	45.26 3.12 0.00	45.59 3.18 0.00	42.75 2.91 0.00	39.72 2.98 0.00	35.66 2.55 0.00	33.58 2.52 0.00	30.26 2.37 -0.01
N.TROY___115KV_TB1 355778	28.78 1.11 0.00	27.04 1.09 0.00	25.92 1.02 0.00	25.10 0.99 0.00	25.57 1.01 0.00	26.86 1.06 0.00	32.39 1.25 0.00	33.96 1.40 0.00	33.65 1.33 0.00	34.05 1.25 0.00	33.67 1.20 0.00	33.85 1.18 0.00	34.35 1.10 0.00	35.40 1.33 0.00	36.90 1.42 0.00	38.10 1.47 0.00	41.37 1.59 0.00	43.87 1.73 0.00	44.19 1.78 0.00	41.56 1.71 0.00	38.40 1.65 0.00	34.53 1.42 0.00	32.49 1.43 0.00	29.08 1.20 0.00
NARROWS_GT1_1 24228	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.64 1.52 -0.01	26.12 1.55 -0.01	27.41 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.53 2.20 0.00	35.23 2.43 0.00	34.87 2.40 0.00	35.22 2.55 0.00	36.12 2.86 0.00	37.00 2.93 0.00	38.49 3.01 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.79 3.05 0.00	35.83 2.72 0.00	33.70 2.64 0.00	30.31 2.42 -0.01
NARROWS_GT1_2 24229	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.64 1.52 -0.01	26.12 1.55 -0.01	27.41 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.53 2.20 0.00	35.23 2.43 0.00	34.87 2.40 0.00	35.22 2.55 0.00	36.12 2.86 0.00	37.00 2.93 0.00	38.49 3.01 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.79 3.05 0.00	35.83 2.72 0.00	33.70 2.64 0.00	30.31 2.42 -0.01
NARROWS_GT1_3 24230	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.64 1.52 -0.01	26.12 1.55 -0.01	27.41 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.53 2.20 0.00	35.23 2.43 0.00	34.87 2.40 0.00	35.22 2.55 0.00	36.12 2.86 0.00	37.00 2.93 0.00	38.49 3.01 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.79 3.05 0.00	35.83 2.72 0.00	33.70 2.64 0.00	30.31 2.42 -0.01
NARROWS_GT1_4 24231	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.64 1.52 -0.01	26.12 1.55 -0.01	27.41 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.53 2.20 0.00	35.23 2.43 0.00	34.87 2.40 0.00	35.22 2.55 0.00	36.12 2.86 0.00	37.00 2.93 0.00	38.49 3.01 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.79 3.05 0.00	35.83 2.72 0.00	33.70 2.64 0.00	30.31 2.42 -0.01

NARROWS_GT1_5 24232	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.64 1.52 -0.01	26.12 1.55 -0.01	27.41 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.53 2.20 0.00	35.23 2.43 0.00	34.87 2.40 0.00	35.22 2.55 0.00	36.12 2.86 0.00	37.00 2.93 0.00	38.49 3.01 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.79 3.05 0.00	35.83 2.72 0.00	33.70 2.64 0.00	30.31 2.42 -0.01
NARROWS_GT1_6 24233	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.64 1.52 -0.01	26.12 1.55 -0.01	27.41 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.53 2.20 0.00	35.23 2.43 0.00	34.87 2.40 0.00	35.22 2.55 0.00	36.12 2.86 0.00	37.00 2.93 0.00	38.49 3.01 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.79 3.05 0.00	35.83 2.72 0.00	33.70 2.64 0.00	30.31 2.42 -0.01
NARROWS_GT1_7 24234	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.64 1.52 -0.01	26.12 1.55 -0.01	27.41 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.53 2.20 0.00	35.23 2.43 0.00	34.87 2.40 0.00	35.22 2.55 0.00	36.12 2.86 0.00	37.00 2.93 0.00	38.49 3.01 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.79 3.05 0.00	35.83 2.72 0.00	33.70 2.64 0.00	30.31 2.42 -0.01
NARROWS_GT1_8 24235	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.64 1.52 -0.01	26.12 1.55 -0.01	27.41 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.53 2.20 0.00	35.23 2.43 0.00	34.87 2.40 0.00	35.22 2.55 0.00	36.12 2.86 0.00	37.00 2.93 0.00	38.49 3.01 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.79 3.05 0.00	35.83 2.72 0.00	33.70 2.64 0.00	30.31 2.42 -0.01
NARROWS_GT2_1 24236	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.64 1.52 -0.01	26.12 1.55 -0.01	27.41 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.53 2.20 0.00	35.23 2.43 0.00	34.87 2.40 0.00	35.22 2.55 0.00	36.12 2.86 0.00	37.00 2.93 0.00	38.49 3.01 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.79 3.05 0.00	35.83 2.72 0.00	33.70 2.64 0.00	30.31 2.42 -0.01
NARROWS_GT2_2 24237	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.64 1.52 -0.01	26.12 1.55 -0.01	27.41 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.53 2.20 0.00	35.23 2.43 0.00	34.87 2.40 0.00	35.22 2.55 0.00	36.12 2.86 0.00	37.00 2.93 0.00	38.49 3.01 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.79 3.05 0.00	35.83 2.72 0.00	33.70 2.64 0.00	30.31 2.42 -0.01
NARROWS_GT2_3 24238	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.64 1.52 -0.01	26.12 1.55 -0.01	27.41 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.53 2.20 0.00	35.23 2.43 0.00	34.87 2.40 0.00	35.22 2.55 0.00	36.12 2.86 0.00	37.00 2.93 0.00	38.49 3.01 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.79 3.05 0.00	35.83 2.72 0.00	33.70 2.64 0.00	30.31 2.42 -0.01
NARROWS_GT2_4 24239	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.64 1.52 -0.01	26.12 1.55 -0.01	27.41 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.53 2.20 0.00	35.23 2.43 0.00	34.87 2.40 0.00	35.22 2.55 0.00	36.12 2.86 0.00	37.00 2.93 0.00	38.49 3.01 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.79 3.05 0.00	35.83 2.72 0.00	33.70 2.64 0.00	30.31 2.42 -0.01
NARROWS_GT2_5 24240	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.64 1.52 -0.01	26.12 1.55 -0.01	27.41 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.53 2.20 0.00	35.23 2.43 0.00	34.87 2.40 0.00	35.22 2.55 0.00	36.12 2.86 0.00	37.00 2.93 0.00	38.49 3.01 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.79 3.05 0.00	35.83 2.72 0.00	33.70 2.64 0.00	30.31 2.42 -0.01
NARROWS_GT2_6 24241	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.64 1.52 -0.01	26.12 1.55 -0.01	27.41 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.53 2.20 0.00	35.23 2.43 0.00	34.87 2.40 0.00	35.22 2.55 0.00	36.12 2.86 0.00	37.00 2.93 0.00	38.49 3.01 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.79 3.05 0.00	35.83 2.72 0.00	33.70 2.64 0.00	30.31 2.42 -0.01
NARROWS_GT2_7 24242	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.64 1.52 -0.01	26.12 1.55 -0.01	27.41 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.53 2.20 0.00	35.23 2.43 0.00	34.87 2.40 0.00	35.22 2.55 0.00	36.12 2.86 0.00	37.00 2.93 0.00	38.49 3.01 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.79 3.05 0.00	35.83 2.72 0.00	33.70 2.64 0.00	30.31 2.42 -0.01
NARROWS_GT2_8 24243	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.64 1.52 -0.01	26.12 1.55 -0.01	27.41 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.53 2.20 0.00	35.23 2.43 0.00	34.87 2.40 0.00	35.22 2.55 0.00	36.12 2.86 0.00	37.00 2.93 0.00	38.49 3.01 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.79 3.05 0.00	35.83 2.72 0.00	33.70 2.64 0.00	30.31 2.42 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	28.89 1.22 0.00	27.17 1.22 0.00	26.00 1.10 0.00	25.14 1.04 0.00	25.65 1.08 0.00	26.94 1.14 0.00	32.54 1.40 0.00	33.93 1.37 0.00	33.55 1.23 0.00	33.72 0.92 0.00	33.21 0.75 0.00	33.29 0.62 0.00	33.85 0.60 0.00	34.89 0.82 0.00	36.47 0.99 0.00	37.77 1.14 0.00	41.13 1.35 0.00	43.87 1.73 0.00	44.31 1.91 0.00	41.64 1.79 0.00	38.44 1.69 0.00	34.50 1.39 0.00	32.53 1.46 0.00	29.08 1.20 0.00
NCHELSEA_115KV_TR2 355582	29.16 1.49 0.00	27.25 1.30 0.00	26.12 1.22 0.00	25.26 1.16 0.00	25.75 1.18 0.00	27.07 1.26 0.00	32.60 1.46 0.00	34.22 1.66 0.00	34.01 1.68 0.00	34.44 1.64 0.00	34.22 1.75 0.00	34.37 1.70 0.00	34.98 1.73 0.00	36.11 2.04 0.00	37.64 2.16 0.00	38.95 2.31 0.00	42.21 2.43 0.00	44.51 2.36 0.00	44.87 2.46 0.00	42.12 2.27 0.00	39.06 2.32 0.00	35.06 1.95 0.00	32.99 1.93 0.00	29.61 1.73 0.00
NEG CAPITAL___MECHNVIL 23645	29.22 1.55 0.00	27.50 1.56 0.00	26.30 1.39 0.00	25.46 1.35 0.00	25.97 1.40 0.00	27.27 1.47 0.00	32.95 1.81 0.00	34.48 1.92 0.00	34.17 1.84 0.00	34.64 1.84 0.00	34.15 1.69 0.00	34.34 1.67 0.00	35.12 1.86 0.00	35.91 1.84 0.00	37.46 1.99 0.00	38.73 2.09 0.00	42.13 2.35 0.00	44.76 2.61 0.00	45.08 2.67 0.00	42.40 2.55 0.00	39.13 2.39 0.00	35.20 2.09 0.00	32.99 1.93 0.00	29.55 1.67 0.00

NEG CENTRAL_HIGH_ACRES 23767	26.70 -0.97 0.00	24.94 -1.01 0.00	23.91 -1.00 0.00	23.05 -1.06 0.00	23.49 -1.08 0.00	24.82 -0.98 0.00	29.89 -1.25 0.00	31.29 -1.27 0.00	30.80 -1.49 0.04	31.39 -1.38 0.04	31.26 -1.20 0.00	31.53 -1.14 0.00	32.76 -0.50 0.00	33.83 -0.24 0.00	35.06 -0.42 0.00	36.31 -0.33 0.00	39.30 -0.48 0.00	41.76 -0.38 0.00	41.94 -0.47 0.00	39.37 -0.48 0.00	35.90 -0.84 0.00	31.95 -1.16 0.00	29.98 -1.09 0.00	26.93 -0.95 0.00
NEG CENTRAL___DRP 24199	27.70 0.03 0.00	25.87 -0.08 0.00	24.83 -0.07 0.00	23.96 -0.14 0.00	24.44 -0.12 0.00	25.80 0.00 0.00	31.23 0.09 0.00	32.69 0.13 0.00	31.96 -0.36 0.01	32.56 -0.23 0.01	33.11 -0.16 -0.81	33.45 -0.07 -0.84	34.36 0.17 -0.94	35.80 0.68 -1.05	37.34 0.64 -1.22	38.55 0.55 -1.36	42.10 0.60 -1.73	45.08 0.84 -2.09	45.33 0.81 -2.12	42.37 0.68 -1.85	38.54 0.33 -1.47	34.17 0.07 -0.99	31.55 0.03 -0.45	27.88 0.00 0.00
NEG CENTRAL___INDECK 23768	28.17 0.50 0.00	26.23 0.29 0.00	25.13 0.22 0.00	24.18 0.07 0.00	24.62 0.05 0.00	26.17 0.36 0.00	31.54 0.40 0.00	33.08 0.52 0.00	32.00 -0.29 0.03	32.61 -0.16 0.03	32.56 0.10 0.00	32.81 0.13 0.00	34.42 1.16 0.00	35.64 1.57 0.00	36.86 1.38 0.00	38.36 1.72 0.00	41.69 1.91 0.00	44.59 2.44 0.00	44.95 2.54 0.00	42.07 2.23 0.00	38.25 1.51 0.00	33.87 0.76 0.00	31.72 0.65 0.00	28.44 0.56 0.00
NEG CENTRAL___SENECA 23627	27.89 0.22 0.00	26.03 0.08 0.00	24.95 0.05 0.00	24.08 -0.02 0.00	24.54 -0.02 0.00	25.99 0.18 0.00	31.42 0.28 0.00	32.95 0.39 0.00	32.04 -0.26 0.03	32.71 -0.07 0.03	32.93 0.03 -0.43	33.32 0.20 -0.45	34.26 0.50 -0.50	35.75 1.12 -0.56	37.20 1.06 -0.65	38.28 0.92 -0.73	41.77 1.07 -0.92	44.64 1.39 -1.11	44.84 1.31 -1.12	41.96 1.12 -1.00	38.16 0.62 -0.79	33.94 0.30 -0.54	31.56 0.25 -0.24	28.07 0.20 0.00
NEG CENTRAL___STATE_STREET 24147	27.59 -0.08 0.00	25.82 -0.13 0.00	24.75 -0.15 0.00	23.94 -0.17 0.00	24.40 -0.17 0.00	25.70 -0.10 0.00	31.11 -0.03 0.00	32.56 0.00 0.00	32.00 -0.32 0.00	32.54 -0.26 0.00	33.33 -0.16 -1.12	33.69 -0.16 -1.18	34.57 0.00 -1.31	35.91 0.37 -1.47	37.54 0.35 -1.70	38.87 0.33 -1.91	42.52 0.32 -2.42	45.62 0.55 -2.93	45.88 0.51 -2.97	42.86 0.44 -2.58	39.01 0.22 -2.04	34.46 -0.03 -1.39	31.63 -0.06 -0.63	27.79 -0.08 0.00
NEG MILLWOOD___DRP 24198	29.33 1.66 0.00	27.43 1.48 0.00	26.27 1.37 0.00	25.39 1.28 0.00	25.87 1.30 0.00	27.20 1.39 0.00	32.79 1.65 0.00	34.42 1.86 0.00	34.23 1.91 0.00	34.74 1.94 0.00	34.48 2.01 0.00	34.70 2.03 0.00	35.28 2.03 0.00	36.38 2.32 0.00	37.93 2.45 0.00	39.28 2.64 0.00	42.56 2.78 0.00	44.88 2.74 0.00	45.12 2.71 0.00	42.39 2.55 0.00	39.36 2.61 0.00	35.33 2.22 0.00	33.21 2.14 0.00	29.77 1.90 0.00
NEG NORTH_FLCN_SEA 23793	28.44 0.77 0.00	26.88 0.93 0.00	25.85 0.95 0.00	25.00 0.89 0.00	25.43 0.86 0.00	26.79 0.98 0.00	32.42 1.28 0.00	33.90 1.34 0.00	33.75 1.42 0.00	34.31 1.51 0.00	33.93 1.46 0.00	33.95 1.27 0.00	34.49 1.23 0.00	35.09 1.02 0.00	36.47 0.99 0.00	37.55 0.92 0.00	41.09 1.31 0.00	43.58 1.43 0.00	43.59 1.19 0.00	40.68 0.84 0.00	37.44 0.70 0.00	33.87 0.76 0.00	31.59 0.53 0.00	28.24 0.36 0.00
NEG NORTH_KES_CHATEGAY 23792	27.89 0.22 0.00	26.36 0.42 0.00	25.33 0.42 0.00	24.49 0.39 0.00	24.94 0.37 0.00	26.24 0.44 0.00	31.73 0.59 0.00	33.15 0.59 0.00	33.07 0.74 0.00	33.59 0.79 0.00	33.18 0.71 0.00	33.26 0.59 0.00	33.79 0.53 0.00	34.31 0.24 0.00	35.66 0.18 0.00	36.75 0.11 0.00	40.14 0.36 0.00	42.52 0.38 0.00	42.58 0.17 0.00	39.80 -0.04 0.00	36.71 -0.04 0.00	33.24 0.13 0.00	31.10 0.03 0.00	27.82 -0.06 0.00
NEG NORTH___ALICE_FALLS 23915	28.44 0.77 0.00	26.91 0.96 0.00	25.85 0.95 0.00	25.00 0.89 0.00	25.45 0.88 0.00	26.81 1.01 0.00	32.48 1.34 0.00	33.93 1.37 0.00	33.78 1.45 0.00	34.35 1.54 0.00	33.96 1.49 0.00	33.98 1.31 0.00	34.52 1.26 0.00	35.12 1.06 0.00	36.51 1.03 0.00	37.63 0.99 0.00	41.21 1.43 0.00	43.70 1.56 0.00	43.72 1.31 0.00	40.80 0.96 0.00	37.55 0.81 0.00	33.97 0.86 0.00	31.69 0.62 0.00	28.32 0.45 0.00
NEG NORTH___LWR_SARANAC 23913	28.44 0.77 0.00	26.91 0.96 0.00	25.85 0.95 0.00	25.00 0.89 0.00	25.45 0.88 0.00	26.81 1.01 0.00	32.48 1.34 0.00	33.93 1.37 0.00	33.78 1.45 0.00	34.35 1.54 0.00	33.96 1.49 0.00	33.98 1.31 0.00	34.52 1.26 0.00	35.12 1.06 0.00	36.51 1.03 0.00	37.63 0.99 0.00	41.21 1.43 0.00	43.70 1.56 0.00	43.72 1.31 0.00	40.80 0.96 0.00	37.55 0.81 0.00	33.97 0.86 0.00	31.69 0.62 0.00	28.32 0.45 0.00
NEG NORTH___PLATTSBURG 23628	28.44 0.77 0.00	26.91 0.96 0.00	25.85 0.95 0.00	25.00 0.89 0.00	25.45 0.88 0.00	26.81 1.01 0.00	32.48 1.34 0.00	33.93 1.37 0.00	33.78 1.46 0.00	34.25 1.44 0.00	33.96 1.49 0.00	33.98 1.31 0.00	34.18 0.93 0.00	35.12 1.06 0.00	36.51 1.03 0.00	37.63 0.99 0.00	41.21 1.43 0.00	43.71 1.56 0.00	43.72 1.32 0.00	40.80 0.95 0.00	37.55 0.81 0.00	33.90 0.79 0.00	31.69 0.62 0.00	28.32 0.44 0.00
NEG WEST_LEA_LOCKPORT 23791	26.65 -1.02 0.00	24.78 -1.17 0.00	23.78 -1.12 0.00	22.90 -1.21 0.00	23.29 -1.28 0.00	24.70 -1.11 0.00	29.58 -1.56 0.00	30.68 -1.89 0.00	29.83 -2.46 0.04	30.70 -2.07 0.04	30.87 -1.59 0.00	31.37 -1.31 0.00	32.62 -0.63 0.00	34.37 0.31 0.00	35.37 -0.11 0.00	36.38 -0.26 0.00	39.78 0.00 0.00	42.06 -0.08 0.00	42.07 -0.34 0.00	39.53 -0.32 0.00	35.68 -1.07 0.00	31.59 -1.52 0.00	29.79 -1.27 0.00	27.07 -0.81 0.00
NEG WEST___LANCASTR 23811	27.78 0.11 0.00	25.77 -0.18 0.00	24.75 -0.15 0.00	23.87 -0.24 0.00	24.27 -0.29 0.00	25.78 -0.03 0.00	31.02 -0.12 0.00	32.11 -0.46 0.00	30.03 -2.26 0.03	31.52 -1.25 0.03	32.27 -0.19 0.00	32.74 0.07 0.00	33.99 0.73 0.00	35.77 1.70 0.00	36.90 1.42 0.00	37.96 1.32 0.00	41.62 1.83 -0.01	44.04 1.90 0.00	44.06 1.65 0.00	41.36 1.51 0.00	37.37 0.62 0.00	33.08 -0.03 0.00	31.10 0.03 0.00	28.30 0.42 0.00
NEG_PENN_ALLEGHNY 23528	28.03 0.36 0.00	26.21 0.26 0.00	25.15 0.25 0.00	24.32 0.22 0.00	24.79 0.22 0.00	26.09 0.28 0.00	31.54 0.40 0.00	32.99 0.42 0.00	32.35 0.03 0.01	33.03 0.23 0.01	33.26 0.29 -0.51	33.53 0.33 -0.53	34.58 0.73 -0.59	35.61 0.88 -0.66	37.13 0.89 -0.77	38.45 0.95 -0.86	41.85 0.99 -1.08	44.59 1.14 -1.31	44.88 1.15 -1.32	42.02 1.08 -1.10	38.43 0.81 -0.87	34.20 0.50 -0.59	31.77 0.43 -0.27	28.27 0.39 0.00
NEG___GEN_MONROE 24207	27.17 -0.50 0.00	25.35 -0.60 0.00	24.28 -0.62 0.00	23.38 -0.72 0.00	23.81 -0.76 0.00	25.24 -0.57 0.00	30.30 -0.84 0.00	31.55 -1.01 0.00	30.99 -1.29 0.04	31.68 -1.08 0.04	31.56 -0.91 0.00	31.99 -0.69 0.00	33.02 -0.23 0.00	34.54 0.48 0.00	35.69 0.21 0.00	36.71 0.07 0.00	39.94 0.16 0.00	42.40 0.25 0.00	42.62 0.21 0.00	40.04 0.20 0.00	36.42 -0.33 0.00	32.38 -0.73 0.00	30.41 -0.65 0.00	27.46 -0.42 0.00

NEPA__ENERGY 23901	27.45 -0.22 0.00	25.45 -0.49 0.00	24.46 -0.45 0.00	23.58 -0.53 0.00	24.00 -0.57 0.00	25.47 -0.34 0.00	30.67 -0.47 0.00	31.95 -0.62 0.00	30.55 -1.75 0.03	31.69 -1.08 0.03	32.11 -0.36 0.00	32.54 -0.13 0.00	33.75 0.50 0.00	35.53 1.46 0.00	36.65 1.17 0.00	37.70 1.06 0.00	41.37 1.59 0.00	43.79 1.64 0.00	43.85 1.44 0.00	41.12 1.28 0.00	37.19 0.44 0.00	32.91 -0.20 0.00	30.91 -0.16 0.00	27.96 0.08 0.00
NEVERSink__HYD 23608	29.14 1.47 0.00	27.22 1.27 0.00	26.10 1.20 0.00	25.24 1.13 0.00	25.72 1.15 0.00	27.04 1.24 0.00	32.60 1.46 0.00	34.16 1.60 0.00	33.91 1.58 0.00	34.44 1.64 0.00	34.02 1.56 0.00	34.24 1.57 0.00	35.12 1.86 0.00	35.97 1.91 0.00	37.50 2.02 0.00	38.80 2.16 0.00	42.13 2.35 0.00	44.50 2.36 0.00	44.86 2.46 0.00	42.11 2.27 0.00	38.99 2.24 0.00	35.06 1.95 0.00	32.96 1.90 0.00	29.58 1.70 0.00
NEWKRMKL_115KV_TB1 55635	28.22 0.55 0.00	26.52 0.57 0.00	25.40 0.50 0.00	24.59 0.48 0.00	25.08 0.52 0.00	26.35 0.54 0.00	31.83 0.69 0.00	33.31 0.75 0.00	33.01 0.68 0.00	33.43 0.62 0.00	33.05 0.58 0.00	33.23 0.56 0.00	33.75 0.50 0.00	34.75 0.68 0.00	36.26 0.78 0.00	37.44 0.81 0.00	40.61 0.84 0.00	43.07 0.93 0.00	43.38 0.98 0.00	40.80 0.96 0.00	37.70 0.96 0.00	33.94 0.83 0.00	31.87 0.81 0.00	28.55 0.67 0.00
NEWTON__FALLS_HYD 23847	27.75 0.08 0.00	26.13 0.18 0.00	25.05 0.15 0.00	24.20 0.10 0.00	24.67 0.10 0.00	26.01 0.21 0.00	31.55 0.40 0.00	33.02 0.46 0.00	32.71 0.39 0.00	33.13 0.33 0.00	33.07 0.16 -0.44	33.07 -0.07 -0.46	33.70 -0.07 -0.51	34.40 -0.24 -0.57	35.86 -0.28 -0.67	37.09 -0.29 -0.74	40.45 -0.28 -0.95	43.12 -0.17 -1.15	43.49 -0.08 -1.16	40.97 0.12 -1.01	37.76 0.22 -0.80	34.12 0.46 -0.54	31.68 0.37 -0.24	28.13 0.25 0.00
NGRID_A1_DSASP 323792	26.20 -1.47 0.00	24.39 -1.56 0.00	23.43 -1.47 0.00	22.56 -1.54 0.00	22.95 -1.62 0.00	24.33 -1.47 0.00	28.99 -2.15 0.00	29.99 -2.57 0.00	29.28 -3.01 0.04	30.08 -2.69 0.04	30.45 -2.01 0.00	30.71 -1.96 0.00	32.56 -0.70 0.00	33.69 -0.37 0.00	34.63 -0.85 0.00	35.83 -0.81 0.00	38.87 -0.91 0.00	41.09 -1.05 0.00	41.09 -1.31 0.00	38.61 -1.24 0.00	34.95 -1.80 0.00	30.92 -2.19 0.00	29.23 -1.83 0.00	26.57 -1.31 0.00
NGRID_A2_DSASP 323793	26.20 -1.47 0.00	24.39 -1.56 0.00	23.43 -1.47 0.00	22.56 -1.54 0.00	22.95 -1.62 0.00	24.33 -1.47 0.00	28.99 -2.15 0.00	29.99 -2.57 0.00	29.28 -3.01 0.04	30.08 -2.69 0.04	30.45 -2.01 0.00	30.71 -1.96 0.00	32.56 -0.70 0.00	33.69 -0.37 0.00	34.63 -0.85 0.00	35.83 -0.81 0.00	38.87 -0.91 0.00	41.09 -1.05 0.00	41.09 -1.31 0.00	38.61 -1.24 0.00	34.95 -1.80 0.00	30.92 -2.19 0.00	29.23 -1.83 0.00	26.57 -1.31 0.00
NGRID_A4_DSASP 323807	26.20 -1.47 0.00	24.39 -1.56 0.00	23.43 -1.47 0.00	22.56 -1.54 0.00	22.95 -1.62 0.00	24.33 -1.47 0.00	28.99 -2.15 0.00	29.99 -2.57 0.00	29.28 -3.01 0.04	30.08 -2.69 0.04	30.45 -2.01 0.00	30.71 -1.96 0.00	32.56 -0.70 0.00	33.69 -0.37 0.00	34.63 -0.85 0.00	35.83 -0.81 0.00	38.87 -0.91 0.00	41.09 -1.05 0.00	41.09 -1.31 0.00	38.61 -1.24 0.00	34.95 -1.80 0.00	30.92 -2.19 0.00	29.23 -1.83 0.00	26.57 -1.31 0.00
NIAGARA_115E_LBMP 323715	26.12 -1.55 0.00	24.29 -1.66 0.00	23.31 -1.59 0.00	22.44 -1.66 0.00	22.85 -1.72 0.00	24.20 -1.60 0.00	28.96 -2.18 0.00	29.99 -2.57 0.00	29.22 -3.07 0.04	30.04 -2.72 0.04	30.42 -2.04 0.00	30.68 -1.99 0.00	32.52 -0.73 0.00	33.66 -0.41 0.00	34.63 -0.85 0.00	35.80 -0.84 0.00	38.86 -0.91 0.01	41.09 -1.05 0.00	41.09 -1.31 0.00	38.61 -1.24 0.00	34.91 -1.84 0.00	30.89 -2.22 0.00	29.20 -1.86 0.00	26.54 -1.34 0.00
NIAGARA_115W_LBMP 323714	26.15 -1.52 0.00	24.36 -1.58 0.00	23.38 -1.52 0.00	22.52 -1.59 0.00	22.92 -1.65 0.00	24.28 -1.52 0.00	28.93 -2.21 0.00	29.93 -2.64 0.00	29.22 -3.07 0.04	30.01 -2.76 0.04	30.39 -2.08 0.00	30.65 -2.03 0.00	32.49 -0.76 0.00	33.59 -0.48 0.00	34.56 -0.92 0.00	35.72 -0.91 0.00	38.79 -0.99 0.00	40.97 -1.18 0.00	41.01 -1.40 0.00	38.53 -1.31 0.00	34.83 -1.91 0.00	30.86 -2.25 0.00	29.17 -1.90 0.00	26.51 -1.37 0.00
NIAGARA_230_LBMP 323716	26.34 -1.33 0.00	24.50 -1.45 0.00	23.51 -1.39 0.00	22.64 -1.47 0.00	23.04 -1.52 0.00	24.41 -1.39 0.00	29.21 -1.93 0.00	30.22 -2.34 0.00	29.48 -2.81 0.04	30.31 -2.46 0.04	30.65 -1.82 0.00	30.91 -1.76 0.00	32.72 -0.53 0.00	33.83 -0.24 0.00	34.80 -0.68 0.00	36.01 -0.62 0.00	39.06 -0.71 0.00	41.34 -0.80 0.00	41.35 -1.06 0.00	38.89 -0.96 0.00	35.17 -1.58 0.00	31.16 -1.95 0.00	29.45 -1.62 0.00	26.73 -1.14 0.00
NIAGARA__115KV_198_GIBSON 55903	26.15 -1.52 0.00	24.37 -1.58 0.00	23.38 -1.52 0.00	22.52 -1.59 0.00	22.92 -1.65 0.00	24.26 -1.55 0.00	28.93 -2.21 0.00	29.93 -2.64 0.00	29.22 -3.07 0.04	30.04 -2.72 0.04	30.16 -2.31 0.00	30.62 -2.06 0.00	31.89 -1.36 0.00	33.56 -0.51 0.00	34.52 -0.96 0.00	35.47 -1.17 0.00	38.78 -0.99 0.00	40.96 -1.18 0.00	41.01 -1.40 0.00	38.53 -1.31 0.00	34.80 -1.95 0.00	30.83 -2.28 0.00	29.14 -1.93 0.00	26.51 -1.37 0.00
NIAGARA____ 23760	26.34 -1.33 0.00	24.50 -1.45 0.00	23.51 -1.39 0.00	22.64 -1.47 0.00	23.04 -1.52 0.00	24.41 -1.39 0.00	29.21 -1.93 0.00	30.22 -2.34 0.00	29.48 -2.81 0.04	30.31 -2.46 0.04	30.65 -1.82 0.00	30.91 -1.76 0.00	32.72 -0.53 0.00	33.83 -0.24 0.00	34.80 -0.68 0.00	36.01 -0.62 0.00	39.06 -0.71 0.00	41.34 -0.80 0.00	41.35 -1.06 0.00	38.89 -0.96 0.00	35.17 -1.58 0.00	31.16 -1.95 0.00	29.45 -1.62 0.00	26.73 -1.14 0.00
NINE_MILE_1 23575	26.92 -0.75 0.00	25.22 -0.73 0.00	24.21 -0.70 0.00	23.43 -0.67 0.00	23.88 -0.69 0.00	25.08 -0.72 0.00	30.30 -0.84 0.00	31.59 -0.98 0.00	30.90 -1.13 0.30	31.39 -1.12 0.30	24.41 -1.14 6.92	24.33 -1.11 7.23	24.24 -0.93 8.08	24.14 -0.89 9.04	24.05 -0.96 10.48	23.96 -0.95 11.72	23.75 -1.07 14.96	22.97 -1.10 18.08	22.97 -1.10 18.33	22.98 -1.04 15.83	23.18 -1.03 12.54	23.54 -1.06 8.51	26.22 -1.00 3.85	27.04 -0.84 0.00
NINE_MILE_2 23744	26.92 -0.75 0.00	25.22 -0.73 0.00	24.21 -0.70 0.00	23.43 -0.67 0.00	23.88 -0.69 0.00	25.08 -0.72 0.00	30.30 -0.84 0.00	31.59 -0.98 0.00	30.89 -1.13 0.30	31.39 -1.12 0.30	24.31 -1.14 7.02	24.22 -1.11 7.34	24.12 -0.93 8.20	24.00 -0.89 9.18	23.89 -0.96 10.64	23.79 -0.95 11.90	23.52 -1.07 15.18	22.70 -1.10 18.35	22.70 -1.10 18.60	22.74 -1.04 16.07	22.99 -1.03 12.73	23.41 -1.06 8.64	26.17 -1.00 3.90	27.04 -0.84 0.00
NM_CAPITAL__DRP 24208	28.28 0.61 0.00	26.54 0.60 0.00	25.45 0.55 0.00	24.64 0.53 0.00	25.13 0.57 0.00	26.40 0.59 0.00	31.86 0.72 0.00	33.38 0.81 0.00	33.07 0.74 0.00	33.49 0.69 0.00	33.11 0.65 0.00	33.29 0.62 0.00	33.82 0.57 0.00	34.82 0.75 0.00	36.30 0.82 0.00	37.52 0.88 0.00	40.69 0.91 0.00	43.11 0.97 0.00	43.51 1.10 0.00	40.88 1.04 0.00	37.81 1.07 0.00	34.00 0.89 0.00	31.97 0.90 0.00	28.63 0.75 0.00

NM_CENTRAL___DRP 24181	27.48 -0.19 0.00	25.71 -0.23 0.00	24.68 -0.22 0.00	23.87 -0.24 0.00	24.32 -0.25 0.00	25.60 -0.21 0.00	30.92 -0.22 0.00	32.30 -0.26 0.00	31.82 -0.48 0.02	32.33 -0.46 0.02	32.68 -0.49 -0.70	32.98 -0.42 -0.73	33.78 -0.30 -0.82	34.95 -0.03 -0.92	36.47 -0.07 -1.06	37.75 -0.07 -1.19	41.18 -0.12 -1.52	43.94 -0.04 -1.83	44.18 -0.08 -1.86	41.38 -0.04 -1.58	37.81 -0.18 -1.25	33.63 -0.33 -0.85	31.11 -0.34 -0.38	27.60 -0.28 0.00
NM_FRONTIER___DRP 24179	26.15 -1.52 0.00	24.37 -1.58 0.00	23.38 -1.52 0.00	22.52 -1.59 0.00	22.92 -1.65 0.00	24.26 -1.55 0.00	28.93 -2.21 0.00	29.93 -2.64 0.00	29.22 -3.07 0.04	30.04 -2.72 0.04	30.16 -2.31 0.00	30.62 -2.06 0.00	31.89 -1.36 0.00	33.56 -0.51 0.00	34.52 -0.96 0.00	35.47 -1.17 0.00	38.78 -0.99 0.00	40.96 -1.18 0.00	41.01 -1.40 0.00	38.53 -1.31 0.00	34.80 -1.95 0.00	30.83 -2.28 0.00	29.14 -1.93 0.00	26.51 -1.37 0.00
NM_ST_REGIS___HYD 24053	27.53 -0.14 0.00	25.97 0.03 0.00	24.93 0.02 0.00	24.11 0.00 0.00	24.54 -0.02 0.00	25.86 0.05 0.00	31.30 0.16 0.00	32.76 0.20 0.00	32.62 0.29 0.00	33.10 0.30 0.00	32.84 0.16 -0.22	32.80 -0.10 -0.23	33.37 -0.13 -0.25	33.84 -0.51 -0.28	35.24 -0.57 -0.33	36.38 -0.62 -0.37	39.61 -0.64 -0.47	42.08 -0.63 -0.56	42.26 -0.72 -0.57	39.74 -0.60 -0.49	36.73 -0.40 -0.39	33.48 0.10 -0.27	31.28 0.09 -0.12	27.88 0.00 0.00
NORTHPORT___1 23551	35.26 1.44 -6.15	34.96 1.32 -7.69	29.25 1.22 -3.13	29.03 1.16 -3.77	29.14 1.20 -3.37	33.58 1.26 -6.51	34.58 1.56 -1.88	35.81 1.82 -1.42	35.82 1.84 -1.65	35.64 2.07 -0.77	34.05 1.59 0.01	34.88 1.80 -0.41	35.24 2.00 0.01	36.03 1.98 0.01	37.39 1.91 0.01	38.68 2.05 0.01	41.96 2.19 0.01	44.16 2.02 0.01	44.43 2.04 0.01	41.75 1.91 0.01	38.57 1.84 0.01	35.06 1.95 0.01	33.06 1.99 0.00	31.94 1.76 -2.30
NORTHPORT___2 23552	35.26 1.44 -6.15	34.96 1.32 -7.69	29.25 1.22 -3.13	29.03 1.16 -3.77	29.14 1.20 -3.37	33.58 1.26 -6.51	34.58 1.56 -1.88	35.81 1.82 -1.42	35.82 1.84 -1.65	35.64 2.07 -0.77	34.05 1.59 0.01	34.88 1.80 -0.41	35.24 2.00 0.01	36.03 1.98 0.01	37.39 1.91 0.01	38.68 2.05 0.01	41.96 2.19 0.01	44.16 2.02 0.01	44.43 2.04 0.01	41.75 1.91 0.01	38.57 1.84 0.01	35.06 1.95 0.01	33.06 1.99 0.00	31.94 1.76 -2.30
NORTHPORT___3 23553	35.79 1.96 -6.15	35.43 1.79 -7.69	29.70 1.67 -3.13	29.46 1.59 -3.77	29.56 1.62 -3.37	34.05 1.73 -6.51	35.11 2.09 -1.88	36.23 2.25 -1.42	36.27 2.30 -1.65	36.06 2.49 -0.77	34.41 1.95 0.00	35.25 2.16 -0.42	35.65 2.40 0.00	36.52 2.45 0.00	37.82 2.34 0.00	38.98 2.35 0.00	42.36 2.58 0.00	44.63 2.49 0.00	44.91 2.50 0.00	42.28 2.43 0.00	39.06 2.32 0.00	35.63 2.52 0.00	33.74 2.67 0.00	32.69 2.51 -2.30
NORTHPORT___4 23650	35.79 1.96 -6.15	35.43 1.79 -7.69	29.70 1.67 -3.13	29.46 1.59 -3.77	29.56 1.62 -3.37	34.05 1.73 -6.51	35.11 2.09 -1.88	36.23 2.25 -1.42	36.27 2.30 -1.65	36.06 2.49 -0.77	34.41 1.95 0.00	35.25 2.16 -0.42	35.65 2.40 0.00	36.52 2.45 0.00	37.82 2.34 0.00	38.98 2.35 0.00	42.36 2.58 0.00	44.63 2.49 0.00	44.91 2.50 0.00	42.28 2.43 0.00	39.06 2.32 0.00	35.63 2.52 0.00	33.74 2.67 0.00	32.69 2.51 -2.30
NORTHPORT___IC 23718	35.26 1.44 -6.15	34.96 1.32 -7.69	29.25 1.22 -3.13	29.03 1.16 -3.77	29.14 1.20 -3.37	33.58 1.26 -6.51	34.58 1.56 -1.88	35.81 1.82 -1.42	35.82 1.84 -1.65	35.47 1.90 -0.77	34.11 1.66 0.01	34.85 1.76 -0.41	34.84 1.60 0.01	36.04 1.98 0.01	37.39 1.92 0.01	38.86 2.23 0.01	41.96 2.19 0.01	44.16 2.02 0.01	44.43 2.04 0.01	41.75 1.91 0.01	38.61 1.87 0.01	35.02 1.92 0.01	32.84 1.77 0.00	31.94 1.76 -2.30
NORTH___COUNTRY_ESR 323785	27.81 0.14 0.00	26.26 0.31 0.00	25.25 0.35 0.00	24.42 0.31 0.00	24.86 0.30 0.00	26.17 0.36 0.00	31.61 0.47 0.00	33.05 0.49 0.00	32.97 0.65 0.00	33.36 0.56 0.00	33.08 0.62 0.00	33.16 0.49 0.00	33.32 0.07 0.00	34.17 0.10 0.00	35.55 0.07 0.00	36.64 0.00 0.00	39.98 0.20 0.00	42.36 0.21 0.00	42.41 0.00 0.00	39.65 -0.20 0.00	36.53 -0.22 0.00	33.08 -0.03 0.00	30.97 -0.09 0.00	27.74 -0.14 0.00
NPX_GEN_1385_PROXY 323591	30.92 0.64 -2.61	30.93 0.57 -4.41	28.53 0.50 -3.13	27.95 0.46 -3.39	28.48 0.54 -3.37	29.99 0.52 -3.67	33.80 0.78 -1.88	35.68 1.69 -1.42	35.69 1.71 -1.65	35.38 1.80 -0.77	33.76 1.30 0.01	34.59 1.50 -0.41	35.01 1.76 0.01	35.73 1.67 0.01	36.78 1.31 0.01	38.17 1.54 0.01	41.48 1.71 0.01	43.82 1.69 0.01	44.14 1.74 0.01	41.75 1.91 0.01	38.54 1.80 0.01	34.96 1.85 0.01	32.96 1.90 0.00	30.50 0.92 -1.70
NPX_GEN_CSC 323557	35.12 1.30 -6.15	34.63 0.99 -7.69	29.00 0.97 -3.13	28.69 0.82 -3.77	28.80 0.86 -3.37	33.25 0.93 -6.51	33.58 0.56 -1.88	35.03 1.04 -1.42	35.11 1.13 -1.65	34.65 1.08 -0.77	34.15 1.69 0.00	35.28 2.19 -0.42	35.52 2.26 0.00	36.39 2.32 0.00	37.75 2.27 0.00	39.06 2.42 0.00	42.76 2.98 0.00	45.09 2.95 0.00	45.37 2.97 0.00	42.47 2.63 0.00	38.58 1.84 0.00	35.53 2.42 0.00	33.06 1.99 0.00	31.63 1.45 -2.30
NSINS_S___GLNS_FALLS 23858	29.63 1.96 0.00	27.89 1.95 0.00	26.65 1.74 0.00	25.80 1.69 0.00	26.29 1.72 0.00	27.64 1.83 0.00	33.48 2.34 0.00	34.97 2.41 0.00	34.72 2.39 0.00	35.07 2.26 0.00	34.61 2.14 0.00	34.77 2.09 0.00	35.32 2.06 0.00	36.38 2.32 0.00	37.96 2.48 0.00	39.24 2.60 0.00	42.68 2.90 0.00	45.52 3.37 0.00	45.88 3.48 0.00	43.11 3.27 0.00	39.83 3.09 0.00	35.73 2.62 0.00	33.49 2.42 0.00	29.91 2.04 0.00
NUCOR_STEEL___DRP 24197	27.64 -0.03 0.00	25.87 -0.08 0.00	24.83 -0.07 0.00	23.99 -0.12 0.00	24.44 -0.12 0.00	25.75 -0.05 0.00	31.14 0.00 0.00	32.56 0.00 0.00	32.00 -0.32 0.00	32.54 -0.26 0.00	33.40 -0.26 -1.19	33.72 -0.20 -1.24	34.61 -0.03 -1.39	35.96 0.34 -1.56	37.60 0.32 -1.80	38.95 0.29 -2.02	42.62 0.28 -2.57	45.71 0.46 -3.10	45.97 0.42 -3.14	42.97 0.40 -2.72	39.09 0.18 -2.16	34.54 -0.03 -1.47	31.66 -0.06 -0.66	27.82 -0.06 0.00
NUMBER_THREE_WT_PWR 323818	28.31 0.64 0.00	26.55 0.60 0.00	25.43 0.52 0.00	24.59 0.48 0.00	25.06 0.49 0.00	26.45 0.65 0.00	32.11 0.97 0.00	33.61 1.04 0.00	33.10 0.77 0.00	33.53 0.72 0.00	33.57 0.58 -0.52	33.64 0.42 -0.55	34.33 0.47 -0.61	35.23 0.48 -0.68	36.77 0.50 -0.79	38.04 0.51 -0.89	41.54 0.63 -1.13	44.40 0.89 -1.37	44.89 1.10 -1.39	42.28 1.24 -1.20	38.87 1.18 -0.95	34.78 1.03 -0.64	32.22 0.87 -0.29	28.58 0.70 0.00
NYISO_LBMP_REFERENCE 24008	27.67 0.00 0.00	25.95 0.00 0.00	24.90 0.00 0.00	24.11 0.00 0.00	24.57 0.00 0.00	25.80 0.00 0.00	31.14 0.00 0.00	32.56 0.00 0.00	32.33 0.00 0.00	32.80 0.00 0.00	32.47 0.00 0.00	32.67 0.00 0.00	33.26 0.00 0.00	34.07 0.00 0.00	35.48 0.00 0.00	36.64 0.00 0.00	39.78 0.00 0.00	42.15 0.00 0.00	42.41 0.00 0.00	39.84 0.00 0.00	36.75 0.00 0.00	33.11 0.00 0.00	31.07 0.00 0.00	27.88 0.00 0.00

NYPA_BRENTWD____GT 24164	35.76 1.94 -6.15	35.33 1.69 -7.69	29.63 1.60 -3.13	29.34 1.47 -3.77	29.46 1.52 -3.37	33.95 1.63 -6.51	34.86 1.84 -1.88	36.20 2.22 -1.42	36.21 2.23 -1.65	35.97 2.39 -0.77	34.77 2.31 0.00	35.71 2.61 -0.42	36.05 2.79 0.00	36.89 2.83 0.00	38.28 2.80 0.00	39.60 2.97 0.00	43.12 3.34 0.00	45.39 3.25 0.00	45.67 3.27 0.00	42.87 3.03 0.00	39.39 2.65 0.00	35.89 2.78 0.00	33.64 2.58 0.00	32.38 2.20 -2.30
NYPA_GOWANUS____GT5 24156	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.64 1.52 -0.01	26.12 1.55 -0.01	27.41 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.53 2.20 0.00	35.23 2.43 0.00	34.87 2.40 0.00	35.22 2.55 0.00	36.12 2.86 0.00	37.00 2.93 0.00	38.49 3.01 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.79 3.05 0.00	35.83 2.72 0.00	33.70 2.64 0.00	30.31 2.42 -0.01
NYPA_GOWANUS____GT6 24157	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.64 1.52 -0.01	26.12 1.55 -0.01	27.41 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.53 2.20 0.00	35.23 2.43 0.00	34.87 2.40 0.00	35.22 2.55 0.00	36.12 2.86 0.00	37.00 2.93 0.00	38.49 3.01 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.79 3.05 0.00	35.83 2.72 0.00	33.70 2.64 0.00	30.31 2.42 -0.01
NYPA_HARLEM_RVR__GT1 24160	29.56 1.88 -0.01	27.62 1.66 -0.01	26.48 1.57 -0.01	25.59 1.47 -0.01	26.10 1.52 -0.01	27.38 1.57 0.00	32.82 1.68 0.00	34.55 1.99 0.00	34.33 2.00 0.00	35.04 2.23 0.00	34.70 2.24 0.00	35.06 2.38 0.00	35.95 2.69 0.00	36.83 2.76 0.00	38.35 2.87 0.00	39.65 3.00 -0.01	42.97 3.18 -0.01	45.18 3.04 0.00	45.50 3.09 0.00	42.63 2.79 0.00	39.65 2.90 0.00	35.63 2.52 0.00	33.55 2.49 0.00	30.23 2.34 -0.01
NYPA_HARLEM_RVR__GT2 24161	29.56 1.88 -0.01	27.62 1.66 -0.01	26.48 1.57 -0.01	25.59 1.47 -0.01	26.10 1.52 -0.01	27.38 1.57 0.00	32.82 1.68 0.00	34.55 1.99 0.00	34.33 2.00 0.00	35.04 2.23 0.00	34.70 2.24 0.00	35.06 2.38 0.00	35.95 2.69 0.00	36.83 2.76 0.00	38.35 2.87 0.00	39.65 3.00 -0.01	42.97 3.18 -0.01	45.18 3.04 0.00	45.50 3.09 0.00	42.63 2.79 0.00	39.65 2.90 0.00	35.63 2.52 0.00	33.55 2.49 0.00	30.23 2.34 -0.01
NYPA_KENT____GT 24152	29.59 1.91 -0.01	27.64 1.69 -0.01	26.46 1.54 -0.01	25.59 1.47 -0.01	26.07 1.50 -0.01	27.35 1.55 0.00	32.98 1.84 0.00	34.68 2.12 0.00	34.49 2.17 0.00	35.20 2.39 0.00	34.83 2.37 0.00	35.19 2.52 0.00	36.08 2.83 0.00	36.93 2.86 0.00	38.42 2.94 0.00	39.76 3.11 -0.01	43.09 3.30 -0.01	45.26 3.12 0.00	45.54 3.14 0.00	42.71 2.87 0.00	39.72 2.98 0.00	35.76 2.65 0.00	33.64 2.58 0.00	30.25 2.37 -0.01
NYPA_POUCH1____GT 24155	29.61 1.94 -0.01	27.64 1.69 -0.01	26.48 1.57 -0.01	25.61 1.50 -0.01	26.10 1.52 -0.01	27.33 1.52 0.00	32.95 1.81 0.00	34.55 1.99 0.00	34.32 2.00 0.01	35.03 2.23 0.01	34.67 2.21 0.01	35.03 2.35 0.00	35.95 2.69 0.00	36.83 2.76 0.00	38.27 2.80 0.01	39.60 2.97 0.01	42.95 3.18 0.01	45.09 2.95 0.01	45.41 3.01 0.01	42.55 2.71 0.01	39.57 2.83 0.01	35.69 2.58 0.00	33.64 2.58 0.00	30.28 2.40 -0.01
NYPA_VERNON____GT2 24162	29.50 1.83 -0.01	27.57 1.61 -0.01	26.41 1.49 -0.01	25.54 1.42 -0.01	26.03 1.45 -0.01	27.33 1.52 0.00	32.95 1.81 0.00	34.65 2.09 0.00	34.49 2.17 0.00	35.20 2.39 0.00	34.80 2.34 0.00	35.13 2.45 0.00	36.05 2.79 0.00	36.89 2.83 0.00	38.39 2.91 0.00	39.69 3.04 -0.01	43.01 3.22 -0.01	45.18 3.04 0.00	45.46 3.05 0.00	42.67 2.83 0.00	39.69 2.94 0.00	35.69 2.58 0.00	33.58 2.52 0.00	30.17 2.29 -0.01
NYPA_VERNON____GT3 24163	29.50 1.83 -0.01	27.57 1.61 -0.01	26.41 1.49 -0.01	25.54 1.42 -0.01	26.03 1.45 -0.01	27.33 1.52 0.00	32.95 1.81 0.00	34.65 2.09 0.00	34.49 2.17 0.00	35.20 2.39 0.00	34.80 2.34 0.00	35.13 2.45 0.00	36.05 2.79 0.00	36.89 2.83 0.00	38.39 2.91 0.00	39.69 3.04 -0.01	43.01 3.22 -0.01	45.18 3.04 0.00	45.46 3.05 0.00	42.67 2.83 0.00	39.69 2.94 0.00	35.69 2.58 0.00	33.58 2.52 0.00	30.17 2.29 -0.01
NYPA____ASTORIA_CC1 323568	29.50 1.83 -0.01	27.57 1.61 -0.01	26.38 1.47 -0.01	25.51 1.40 -0.01	26.00 1.42 -0.01	27.30 1.50 0.00	32.91 1.77 0.00	34.62 2.05 0.00	34.43 2.10 0.00	35.13 2.33 0.00	34.77 2.31 0.00	35.09 2.42 0.00	35.98 2.73 0.00	36.86 2.79 0.00	38.35 2.87 0.00	39.65 3.00 -0.01	42.97 3.18 -0.01	45.09 2.95 0.00	45.42 3.01 0.00	42.63 2.79 0.00	39.65 2.90 0.00	35.66 2.55 0.00	33.55 2.49 0.00	30.14 2.26 -0.01
NYPA____ASTORIA_CC2 323569	29.50 1.83 -0.01	27.57 1.61 -0.01	26.38 1.47 -0.01	25.51 1.40 -0.01	26.00 1.42 -0.01	27.30 1.50 0.00	32.91 1.77 0.00	34.62 2.05 0.00	34.43 2.10 0.00	35.13 2.33 0.00	34.77 2.31 0.00	35.09 2.42 0.00	35.98 2.73 0.00	36.86 2.79 0.00	38.35 2.87 0.00	39.65 3.00 -0.01	42.97 3.18 -0.01	45.09 2.95 0.00	45.42 3.01 0.00	42.63 2.79 0.00	39.65 2.90 0.00	35.66 2.55 0.00	33.55 2.49 0.00	30.14 2.26 -0.01
NYPA____HOLTSVILL 23794	35.48 1.66 -6.15	34.99 1.35 -7.69	29.33 1.29 -3.13	29.01 1.13 -3.77	29.12 1.18 -3.37	33.61 1.29 -6.51	34.02 1.00 -1.88	35.45 1.47 -1.42	35.50 1.52 -1.65	35.08 1.51 -0.77	34.48 2.01 0.00	35.61 2.52 -0.42	35.85 2.60 0.00	36.73 2.66 0.00	38.10 2.63 0.00	39.42 2.78 0.00	43.12 3.34 0.00	45.47 3.33 0.00	45.76 3.35 0.00	42.83 2.99 0.00	38.95 2.20 0.00	35.83 2.72 0.00	33.46 2.39 0.00	32.02 1.84 -2.30
NYPA____HELLGATE_GT1 24158	29.56 1.88 -0.01	27.62 1.66 -0.01	26.46 1.54 -0.01	25.59 1.47 -0.01	26.07 1.50 -0.01	27.35 1.55 0.00	32.82 1.68 0.00	34.55 1.99 0.00	34.30 1.97 0.00	35.04 2.23 0.00	34.70 2.24 0.00	35.06 2.38 0.00	35.95 2.69 0.00	36.83 2.76 0.00	38.32 2.84 0.00	39.65 3.00 -0.01	42.97 3.18 -0.01	45.18 3.04 0.00	45.46 3.05 0.00	42.63 2.79 0.00	39.61 2.87 0.00	35.63 2.52 0.00	33.55 2.49 0.00	30.20 2.31 -0.01
NYPA____HELLGATE_GT2 24159	29.56 1.88 -0.01	27.62 1.66 -0.01	26.46 1.54 -0.01	25.59 1.47 -0.01	26.07 1.50 -0.01	27.35 1.55 0.00	32.82 1.68 0.00	34.55 1.99 0.00	34.30 1.97 0.00	35.04 2.23 0.00	34.70 2.24 0.00	35.06 2.38 0.00	35.95 2.69 0.00	36.83 2.76 0.00	38.32 2.84 0.00	39.65 3.00 -0.01	42.97 3.18 -0.01	45.18 3.04 0.00	45.46 3.05 0.00	42.63 2.79 0.00	39.61 2.87 0.00	35.63 2.52 0.00	33.55 2.49 0.00	30.20 2.31 -0.01
NYS_BARGE____HYD 23848	26.65 -1.02 0.00	24.75 -1.19 0.00	23.78 -1.12 0.00	22.90 -1.20 0.00	23.29 -1.28 0.00	24.70 -1.11 0.00	29.58 -1.56 0.00	30.67 -1.89 0.00	29.86 -2.42 0.04	30.73 -2.03 0.04	31.10 -1.36 0.00	31.37 -1.31 0.00	33.26 0.00 0.00	34.44 0.38 0.00	35.41 -0.07 0.00	36.64 0.00 0.00	39.78 0.00 0.00	42.10 -0.04 0.00	42.11 -0.29 0.00	39.52 -0.32 0.00	35.72 -1.03 0.00	31.62 -1.49 0.00	29.82 -1.24 0.00	27.07 -0.81 0.00

OAK ORCHARD___HYD 24046	27.01 -0.66 0.00	25.19 -0.75 0.00	24.16 -0.75 0.00	23.29 -0.82 0.00	23.71 -0.86 0.00	25.08 -0.72 0.00	30.14 -1.00 0.00	31.49 -1.07 0.00	30.99 -1.29 0.04	31.61 -1.15 0.04	31.62 -0.84 0.00	31.89 -0.78 0.00	33.36 0.10 0.00	34.44 0.38 0.00	35.62 0.14 0.00	36.90 0.26 0.00	39.94 0.16 0.00	42.40 0.25 0.00	42.53 0.13 0.00	39.96 0.12 0.00	36.38 -0.37 0.00	32.35 -0.76 0.00	30.35 -0.71 0.00	27.32 -0.56 0.00
OAKDALE___35_KV_LOAD 356122	27.95 0.28 0.00	26.10 0.16 0.00	25.08 0.17 0.00	24.25 0.14 0.00	24.72 0.15 0.00	26.01 0.21 0.00	31.42 0.28 0.00	32.86 0.29 0.00	32.25 -0.06 0.01	32.83 0.03 0.01	33.12 0.16 -0.49	33.42 0.23 -0.52	34.20 0.37 -0.58	35.43 0.72 -0.65	36.94 0.71 -0.75	38.21 0.73 -0.84	41.67 0.84 -1.05	44.35 0.93 -1.27	44.63 0.93 -1.29	41.79 0.88 -1.07	38.22 0.62 -0.85	34.02 0.33 -0.58	31.60 0.28 -0.26	28.16 0.28 0.00
OCC_CHEM___DRP 24175	26.20 -1.47 0.00	24.39 -1.56 0.00	23.43 -1.47 0.00	22.56 -1.54 0.00	22.95 -1.62 0.00	24.31 -1.50 0.00	28.99 -2.15 0.00	29.99 -2.57 0.00	29.28 -3.01 0.04	30.11 -2.66 0.04	30.23 -2.24 0.00	30.71 -1.96 0.00	31.96 -1.30 0.00	33.66 -0.41 0.00	34.63 -0.85 0.00	35.58 -1.06 0.00	38.86 -0.91 0.00	41.09 -1.05 0.00	41.09 -1.31 0.00	38.61 -1.24 0.00	34.91 -1.84 0.00	30.89 -2.22 0.00	29.20 -1.86 0.00	26.57 -1.31 0.00
OH_GEN_PROXY 24063	26.34 -1.33 0.00	24.50 -1.45 0.00	23.51 -1.39 0.00	22.66 -1.45 0.00	23.04 -1.52 0.00	24.41 -1.39 0.00	29.24 -1.90 0.00	30.25 -2.31 0.00	29.54 -2.75 0.04	30.34 -2.43 0.04	30.71 -1.75 0.00	30.94 -1.73 0.00	32.76 -0.50 0.00	33.86 -0.20 0.00	34.88 -0.60 0.00	36.09 -0.55 0.00	39.14 -0.64 0.00	41.43 -0.72 0.00	41.47 -0.93 0.00	38.97 -0.88 0.00	35.28 -1.47 0.00	31.22 -1.89 0.00	29.48 -1.58 0.00	26.73 -1.14 0.00
OLIN_CORP_DRP 24177	26.18 -1.49 0.00	24.34 -1.61 0.00	23.36 -1.54 0.00	22.49 -1.62 0.00	22.90 -1.67 0.00	24.26 -1.55 0.00	29.02 -2.12 0.00	30.06 -2.51 0.00	29.25 -3.04 0.04	30.11 -2.66 0.04	30.26 -2.21 0.00	30.75 -1.93 0.00	31.99 -1.26 0.00	33.69 -0.37 0.00	34.66 -0.82 0.00	35.61 -1.03 0.00	38.93 -0.84 0.01	41.18 -0.97 0.00	41.18 -1.23 0.00	38.69 -1.16 0.00	34.98 -1.76 0.00	30.96 -2.15 0.00	29.23 -1.83 0.00	26.60 -1.28 0.00
OLIN_CORP_DSASP 323712	26.20 -1.47 0.00	24.39 -1.56 0.00	23.43 -1.47 0.00	22.56 -1.54 0.00	22.95 -1.62 0.00	24.33 -1.47 0.00	28.99 -2.15 0.00	29.99 -2.57 0.00	29.28 -3.01 0.04	30.08 -2.69 0.04	30.45 -2.01 0.00	30.71 -1.96 0.00	32.56 -0.70 0.00	33.69 -0.37 0.00	34.63 -0.85 0.00	35.83 -0.81 0.00	38.87 -0.91 0.00	41.09 -1.05 0.00	41.09 -1.31 0.00	38.61 -1.24 0.00	34.95 -1.80 0.00	30.92 -2.19 0.00	29.23 -1.83 0.00	26.57 -1.31 0.00
ONEIDA_HERK_LFGE 323681	28.42 0.75 0.00	26.62 0.67 0.00	25.53 0.62 0.00	24.66 0.55 0.00	25.16 0.59 0.00	26.50 0.70 0.00	32.11 0.97 0.00	33.61 1.04 0.00	33.13 0.81 0.00	33.62 0.82 0.00	33.49 0.71 -0.31	33.68 0.69 -0.32	34.38 0.77 -0.36	35.26 0.78 -0.40	36.76 0.82 -0.47	38.00 0.84 -0.52	41.40 0.95 -0.67	44.09 1.14 -0.81	44.54 1.32 -0.82	41.90 1.36 -0.70	38.55 1.25 -0.56	34.55 1.06 -0.38	32.14 0.90 -0.17	28.63 0.75 0.00
ONEIDA___115KV_TB4 55905	28.56 0.89 0.00	26.75 0.80 0.00	25.63 0.72 0.00	24.76 0.65 0.00	25.26 0.69 0.00	26.63 0.83 0.00	32.23 1.09 0.00	33.70 1.14 0.00	33.16 0.84 0.01	33.65 0.85 0.01	33.68 0.81 -0.41	33.95 0.85 -0.42	34.66 0.93 -0.47	35.69 1.09 -0.53	37.23 1.14 -0.61	38.46 1.14 -0.69	41.93 1.27 -0.88	44.64 1.43 -1.06	45.05 1.57 -1.07	42.35 1.59 -0.91	38.87 1.40 -0.72	34.73 1.13 -0.49	32.22 0.93 -0.22	28.69 0.81 0.00
ONONDAGA_REF_OCCRA 23987	27.59 -0.08 0.00	25.82 -0.13 0.00	24.75 -0.15 0.00	23.94 -0.17 0.00	24.42 -0.15 0.00	25.68 -0.13 0.00	31.08 -0.06 0.00	32.47 -0.10 0.00	31.96 -0.36 0.01	32.46 -0.33 0.01	32.97 -0.32 -0.83	33.28 -0.26 -0.87	34.06 -0.17 -0.97	35.25 0.10 -1.08	36.80 0.07 -1.25	38.15 0.11 -1.40	41.65 0.08 -1.79	44.47 0.17 -2.16	44.77 0.17 -2.19	41.88 0.16 -1.88	38.27 0.04 -1.49	33.95 -0.17 -1.01	31.37 -0.16 -0.46	27.74 -0.14 0.00
ONONDAGA___COGEN 23986	27.56 -0.11 0.00	25.82 -0.13 0.00	24.75 -0.15 0.00	23.94 -0.17 0.00	24.40 -0.17 0.00	25.68 -0.13 0.00	31.05 -0.09 0.00	32.43 -0.13 0.00	31.94 -0.39 0.00	32.44 -0.36 0.00	33.34 -0.39 -1.26	33.70 -0.29 -1.32	34.53 -0.20 -1.47	35.78 0.07 -1.65	37.46 0.07 -1.91	38.85 0.07 -2.14	42.50 0.00 -2.72	45.56 0.13 -3.29	45.87 0.13 -3.34	42.85 0.12 -2.89	39.03 0.00 -2.29	34.46 -0.20 -1.55	31.58 -0.19 -0.70	27.71 -0.17 0.00
ONTARIO___LFGE 23819	27.89 0.22 0.00	26.03 0.08 0.00	24.95 0.05 0.00	24.08 -0.02 0.00	24.54 -0.02 0.00	25.99 0.18 0.00	31.42 0.28 0.00	32.96 0.39 0.00	32.04 -0.26 0.03	32.75 -0.03 0.03	33.03 0.13 -0.43	33.32 0.20 -0.45	34.62 0.86 -0.50	35.79 1.16 -0.56	37.20 1.06 -0.65	38.61 1.25 -0.73	41.77 1.07 -0.92	44.64 1.39 -1.11	44.84 1.32 -1.12	41.96 1.11 -1.00	38.38 0.85 -0.79	33.98 0.33 -0.54	31.55 0.25 -0.24	28.07 0.20 0.00
ORANGEVILLE_WT_PWR 323706	27.37 -0.30 0.00	25.43 -0.52 0.00	24.41 -0.50 0.00	23.53 -0.58 0.00	23.95 -0.61 0.00	25.39 -0.41 0.00	30.52 -0.62 0.00	31.75 -0.81 0.00	30.65 -1.65 0.03	31.62 -1.15 0.03	31.98 -0.49 0.00	32.25 -0.43 0.00	33.99 0.73 0.00	35.16 1.09 0.00	36.26 0.78 0.00	37.55 0.92 0.00	40.78 0.99 0.00	43.20 1.05 0.00	43.21 0.80 0.00	40.44 0.60 0.00	36.67 -0.07 0.00	32.52 -0.60 0.00	30.60 -0.47 0.00	27.65 -0.22 0.00
ORANGEVILLE___ESR 323794	27.37 -0.30 0.00	25.43 -0.52 0.00	24.41 -0.50 0.00	23.53 -0.58 0.00	23.95 -0.61 0.00	25.39 -0.41 0.00	30.52 -0.62 0.00	31.75 -0.81 0.00	30.65 -1.65 0.03	31.62 -1.15 0.03	31.98 -0.49 0.00	32.25 -0.43 0.00	33.99 0.73 0.00	35.16 1.09 0.00	36.26 0.78 0.00	37.55 0.92 0.00	40.78 0.99 0.00	43.20 1.05 0.00	43.21 0.80 0.00	40.44 0.60 0.00	36.67 -0.07 0.00	32.52 -0.60 0.00	30.60 -0.47 0.00	27.65 -0.22 0.00
OSWEGATCHIE___HYD 24044	27.75 0.08 0.00	26.13 0.18 0.00	25.05 0.15 0.00	24.20 0.10 0.00	24.67 0.10 0.00	26.01 0.21 0.00	31.54 0.40 0.00	33.02 0.46 0.00	32.72 0.39 0.00	33.07 0.26 0.00	33.07 0.16 -0.44	33.07 -0.07 -0.46	33.54 -0.23 -0.51	34.40 -0.24 -0.57	35.86 -0.29 -0.67	37.09 -0.29 -0.74	40.45 -0.28 -0.95	43.13 -0.17 -1.15	43.49 -0.08 -1.16	40.97 0.12 -1.01	37.77 0.22 -0.80	34.08 0.43 -0.54	31.68 0.37 -0.24	28.13 0.25 0.00
OSWEGO___5 23606	27.12 -0.55 0.00	25.40 -0.55 0.00	24.38 -0.52 0.00	23.58 -0.53 0.00	24.03 -0.54 0.00	25.26 -0.54 0.00	30.52 -0.62 0.00	31.85 -0.72 0.00	31.57 -0.87 -0.12	32.07 -0.85 -0.12	36.76 -0.88 -5.17	37.23 -0.85 -5.40	38.63 -0.66 -6.04	40.24 -0.58 -6.75	42.67 -0.64 -7.83	44.74 -0.66 -8.76	50.20 -0.76 -11.18	54.94 -0.72 -13.51	55.38 -0.72 -13.69	51.00 -0.68 -11.83	45.39 -0.73 -9.38	38.72 -0.76 -6.37	33.19 -0.75 -2.88	27.24 -0.64 0.00

OSWEGO___6 23613	27.12 -0.55 0.00	25.40 -0.55 0.00	24.38 -0.52 0.00	23.58 -0.53 0.00	24.03 -0.54 0.00	25.26 -0.54 0.00	30.52 -0.62 0.00	31.85 -0.72 0.00	31.57 -0.87 -0.12	32.07 -0.85 -0.12	36.76 -0.88 -5.17	37.23 -0.85 -5.40	38.63 -0.66 -6.04	40.24 -0.58 -6.75	42.67 -0.64 -7.83	44.74 -0.66 -8.76	50.20 -0.76 -11.18	54.94 -0.72 -13.51	55.38 -0.72 -13.69	51.00 -0.68 -11.83	45.39 -0.73 -9.38	38.72 -0.76 -6.37	33.19 -0.75 -2.88	27.24 -0.64 0.00
OUTOKUMPU-AB___DRP 24206	26.98 -0.69 0.00	25.07 -0.88 0.00	24.08 -0.82 0.00	23.19 -0.92 0.00	23.58 -0.98 0.00	25.00 -0.80 0.00	29.93 -1.21 0.00	31.07 -1.50 0.00	30.12 -2.17 0.04	31.06 -1.71 0.04	31.26 -1.20 0.00	31.79 -0.88 0.00	33.06 -0.20 0.00	34.85 0.78 0.00	35.87 0.39 0.00	36.86 0.22 0.00	40.34 0.56 0.00	42.61 0.46 0.00	42.62 0.21 0.00	40.00 0.16 0.00	36.12 -0.62 0.00	31.95 -1.16 0.00	30.13 -0.93 0.00	27.38 -0.50 0.00
OXBOW___BTM 323836	26.65 -1.02 0.00	24.78 -1.17 0.00	23.81 -1.10 0.00	22.93 -1.18 0.00	23.32 -1.25 0.00	24.72 -1.08 0.00	29.52 -1.62 0.00	30.61 -1.95 0.00	29.77 -2.52 0.04	30.64 -2.13 0.04	31.04 -1.43 0.00	31.33 -1.34 0.00	33.22 -0.03 0.00	34.37 0.31 0.00	35.37 -0.11 0.00	36.56 -0.07 0.00	39.70 -0.08 0.00	41.98 -0.17 0.00	41.98 -0.42 0.00	39.41 -0.44 0.00	35.61 -1.14 0.00	31.52 -1.59 0.00	29.76 -1.30 0.00	27.04 -0.84 0.00
OXBOW____ 24026	26.65 -1.02 0.00	24.78 -1.17 0.00	23.81 -1.10 0.00	22.93 -1.18 0.00	23.31 -1.25 0.00	24.72 -1.08 0.00	29.52 -1.62 0.00	30.61 -1.95 0.00	29.77 -2.52 0.04	30.63 -2.13 0.04	30.81 -1.66 0.00	31.30 -1.37 0.00	32.59 -0.67 0.00	34.34 0.27 0.00	35.34 -0.14 0.00	36.31 -0.33 0.00	39.70 -0.08 0.00	41.98 -0.17 0.00	41.98 -0.42 0.00	39.41 -0.44 0.00	35.57 -1.18 0.00	31.49 -1.62 0.00	29.73 -1.34 0.00	27.04 -0.84 0.00
OXY_CHEM_DSASP 323612	26.20 -1.47 0.00	24.39 -1.56 0.00	23.43 -1.47 0.00	22.56 -1.54 0.00	22.95 -1.62 0.00	24.31 -1.50 0.00	28.99 -2.15 0.00	29.99 -2.57 0.00	29.28 -3.01 0.04	30.11 -2.66 0.04	30.23 -2.24 0.00	30.71 -1.96 0.00	31.96 -1.30 0.00	33.66 -0.41 0.00	34.63 -0.85 0.00	35.58 -1.06 0.00	38.86 -0.91 0.00	41.09 -1.05 0.00	41.09 -1.31 0.00	38.61 -1.24 0.00	34.91 -1.84 0.00	30.89 -2.22 0.00	29.20 -1.86 0.00	26.57 -1.31 0.00
OZONE_PARK_ESR 323760	29.58 1.91 0.00	27.63 1.69 0.00	26.45 1.54 0.00	25.58 1.47 0.00	26.07 1.50 0.00	27.40 1.60 0.00	33.13 1.99 0.00	34.84 2.28 0.00	34.72 2.39 0.00	35.20 2.39 0.00	35.06 2.60 0.00	35.32 2.65 0.00	35.88 2.63 0.00	37.07 3.00 0.00	38.57 3.09 0.00	39.90 3.26 0.00	43.24 3.46 0.00	45.47 3.33 0.00	45.76 3.35 0.00	42.95 3.11 0.00	39.98 3.23 0.00	35.86 2.75 0.00	33.71 2.64 0.00	30.28 2.40 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	26.20 -1.47 0.00	24.39 -1.56 0.00	23.43 -1.47 0.00	22.56 -1.54 0.00	22.95 -1.62 0.00	24.31 -1.50 0.00	28.99 -2.15 0.00	29.99 -2.57 0.00	29.28 -3.01 0.04	30.11 -2.66 0.04	30.23 -2.24 0.00	30.71 -1.96 0.00	31.96 -1.30 0.00	33.66 -0.41 0.00	34.63 -0.85 0.00	35.58 -1.06 0.00	38.86 -0.91 0.00	41.09 -1.05 0.00	41.09 -1.31 0.00	38.61 -1.24 0.00	34.91 -1.84 0.00	30.89 -2.22 0.00	29.20 -1.86 0.00	26.57 -1.31 0.00
PACKARD__115KV_DUPONT_184 80571	26.20 -1.47 0.00	24.39 -1.56 0.00	23.43 -1.47 0.00	22.56 -1.54 0.00	22.95 -1.62 0.00	24.31 -1.50 0.00	28.99 -2.15 0.00	29.99 -2.57 0.00	29.28 -3.01 0.04	30.11 -2.66 0.04	30.23 -2.24 0.00	30.71 -1.96 0.00	31.96 -1.30 0.00	33.66 -0.41 0.00	34.63 -0.85 0.00	35.58 -1.06 0.00	38.86 -0.91 0.00	41.09 -1.05 0.00	41.09 -1.31 0.00	38.61 -1.24 0.00	34.91 -1.84 0.00	30.89 -2.22 0.00	29.20 -1.86 0.00	26.57 -1.31 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	29.59 1.91 -0.01	27.64 1.69 -0.01	26.51 1.59 -0.01	25.61 1.49 -0.01	26.10 1.52 -0.01	27.38 1.57 0.00	32.92 1.78 0.00	34.58 2.02 0.00	34.40 2.07 0.00	34.90 2.10 0.00	34.80 2.34 0.00	35.09 2.42 0.00	35.68 2.43 0.00	36.86 2.79 0.00	38.39 2.91 0.00	39.72 3.08 -0.01	43.01 3.22 -0.01	45.18 3.03 0.00	45.50 3.10 0.00	42.67 2.83 0.00	39.69 2.94 0.00	35.63 2.52 0.00	33.58 2.52 0.00	30.26 2.37 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	29.89 2.21 -0.01	27.93 1.97 -0.01	26.78 1.87 -0.01	25.85 1.74 -0.01	26.37 1.79 -0.01	27.64 1.83 0.00	33.20 2.06 0.00	34.91 2.34 0.00	34.69 2.36 0.00	35.17 2.36 0.00	35.10 2.63 0.00	35.35 2.68 0.00	35.95 2.69 0.00	37.17 3.10 0.00	38.67 3.19 0.00	40.05 3.41 -0.01	43.37 3.58 -0.01	45.56 3.41 0.00	45.88 3.48 0.00	43.03 3.19 0.00	40.02 3.27 0.00	35.89 2.78 0.00	33.83 2.76 0.00	30.51 2.62 -0.01
PATROON__115KV_TB1 80586	28.31 0.64 0.00	26.60 0.65 0.00	25.48 0.57 0.00	24.66 0.55 0.00	25.16 0.59 0.00	26.42 0.62 0.00	31.92 0.78 0.00	33.41 0.85 0.00	33.10 0.78 0.00	33.53 0.72 0.00	33.18 0.71 0.00	33.36 0.69 0.00	33.85 0.60 0.00	34.85 0.78 0.00	36.37 0.89 0.00	37.55 0.92 0.00	40.77 0.99 0.00	43.20 1.05 0.00	43.55 1.14 0.00	40.92 1.08 0.00	37.85 1.10 0.00	34.04 0.93 0.00	31.97 0.90 0.00	28.63 0.75 0.00
PATTRSNVILLE___SOLAR 323815	29.00 1.33 0.00	27.24 1.30 0.00	26.07 1.17 0.00	25.26 1.16 0.00	25.75 1.18 0.00	27.07 1.26 0.00	32.70 1.56 0.00	34.13 1.56 0.00	33.75 1.42 0.00	34.12 1.31 0.00	33.57 1.10 0.00	33.75 1.08 0.00	34.55 1.30 0.00	35.39 1.33 0.00	37.00 1.52 0.00	38.29 1.65 0.00	41.85 2.07 0.00	44.42 2.27 0.00	44.78 2.37 0.00	42.07 2.23 0.00	38.88 2.13 0.00	34.96 1.85 0.00	32.74 1.68 0.00	29.33 1.45 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	27.67 0.00 0.00	25.66 -0.29 0.00	24.65 -0.25 0.00	23.77 -0.34 0.00	24.17 -0.39 0.00	25.65 -0.15 0.00	30.86 -0.28 0.00	32.01 -0.55 0.00	30.25 -2.04 0.04	31.59 -1.18 0.04	32.17 -0.29 0.00	32.67 0.00 0.00	33.92 0.67 0.00	35.74 1.67 0.00	36.86 1.38 0.00	37.88 1.25 0.00	41.55 1.75 -0.02	43.96 1.81 0.00	43.93 1.53 0.00	41.24 1.39 0.00	37.22 0.48 0.00	32.94 -0.17 0.00	30.97 -0.09 0.00	28.18 0.31 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	29.33 1.66 0.00	27.43 1.48 0.00	26.27 1.37 0.00	25.39 1.28 0.00	25.87 1.30 0.00	27.20 1.39 0.00	32.79 1.65 0.00	34.42 1.86 0.00	34.23 1.91 0.00	34.74 1.94 0.00	34.48 2.01 0.00	34.70 2.03 0.00	35.28 2.03 0.00	36.38 2.32 0.00	37.93 2.45 0.00	39.28 2.64 0.00	42.56 2.78 0.00	44.88 2.74 0.00	45.12 2.71 0.00	42.39 2.55 0.00	39.36 2.61 0.00	35.33 2.22 0.00	33.21 2.14 0.00	29.77 1.90 0.00
PEEKSKILL____ 23653	28.97 1.30 0.00	27.09 1.14 0.00	25.95 1.05 0.00	25.10 0.99 0.00	25.58 1.01 0.00	26.89 1.08 0.00	32.45 1.31 0.00	34.09 1.53 0.00	33.91 1.58 0.00	34.54 1.74 0.00	34.15 1.69 0.00	34.40 1.73 0.00	35.25 2.00 0.00	36.04 1.98 0.00	37.54 2.06 0.00	38.84 2.20 0.00	42.13 2.35 0.00	44.38 2.23 0.00	44.69 2.29 0.00	41.95 2.11 0.00	38.91 2.17 0.00	35.03 1.92 0.00	32.87 1.80 0.00	29.49 1.62 0.00

PGE MADISON___WINDPWR 24146	30.27 2.60 0.00	28.26 2.31 0.00	27.02 2.12 0.00	26.08 1.98 0.00	26.63 2.06 0.00	28.23 2.42 0.00	34.32 3.18 0.00	35.89 3.32 0.00	34.81 2.49 0.01	35.39 2.59 0.01	35.32 2.37 -0.48	35.59 2.42 -0.50	36.71 2.89 -0.56	37.66 2.96 -0.63	39.36 3.16 -0.73	40.90 3.44 -0.82	44.71 3.90 -1.03	47.94 4.55 -1.24	48.58 4.92 -1.26	45.77 4.86 -1.07	41.89 4.30 -0.85	37.16 3.48 -0.58	34.37 3.05 -0.26	30.47 2.59 0.00
PIERCEFIELD___HYD 23852	27.39 -0.28 0.00	25.84 -0.10 0.00	24.80 -0.10 0.00	23.99 -0.12 0.00	24.42 -0.15 0.00	25.73 -0.08 0.00	31.11 -0.03 0.00	32.56 0.00 0.00	32.42 0.10 0.00	32.87 0.07 0.00	32.64 -0.06 -0.24	32.59 -0.33 -0.25	33.13 -0.40 -0.28	33.63 -0.75 -0.31	35.02 -0.82 -0.36	36.16 -0.88 -0.40	39.34 -0.95 -0.51	41.79 -0.97 -0.62	42.01 -1.02 -0.63	39.59 -0.80 -0.54	36.62 -0.55 -0.43	33.40 0.00 -0.29	31.26 0.06 -0.13	27.85 -0.03 0.00
PINELAWN_CC_1 323563	35.82 1.99 -6.15	35.41 1.77 -7.69	29.68 1.64 -3.13	29.44 1.57 -3.77	29.54 1.60 -3.37	34.02 1.70 -6.51	35.08 2.05 -1.88	36.36 2.38 -1.42	36.37 2.39 -1.65	36.13 2.56 -0.77	34.87 2.40 0.00	35.71 2.61 -0.42	36.08 2.83 0.00	36.62 2.56 0.00	37.96 2.48 0.00	39.28 2.64 0.00	42.64 2.87 0.00	44.72 2.57 0.00	45.04 2.63 0.00	42.43 2.59 0.00	39.13 2.39 0.00	35.66 2.55 0.00	33.70 2.64 0.00	32.52 2.34 -2.30
PJM_GEN_HTP_PROXY 323702	29.33 1.66 0.00	27.40 1.45 0.00	26.25 1.34 0.00	25.36 1.25 0.00	25.84 1.28 0.00	27.20 1.39 0.00	32.85 1.71 0.00	34.55 1.99 0.00	34.43 2.10 0.00	35.10 2.30 0.00	34.67 2.21 0.00	34.96 2.29 0.00	35.82 2.56 0.00	36.66 2.59 0.00	38.14 2.66 0.00	39.46 2.82 0.00	42.76 2.98 0.00	44.97 2.82 0.00	45.25 2.84 0.00	42.47 2.63 0.00	39.50 2.76 0.00	35.53 2.42 0.00	33.40 2.33 0.00	29.97 2.09 0.00
PJM_GEN_KEystone 24065	27.89 0.22 0.00	26.00 0.05 0.00	22.90 0.02 2.03	21.80 -0.02 2.28	22.87 -0.05 1.65	25.88 0.08 0.00	31.20 0.06 0.00	32.63 0.07 0.00	31.96 -0.35 0.02	32.82 0.03 0.02	32.79 0.32 0.00	33.03 0.36 0.00	34.29 1.03 0.00	35.19 1.12 0.00	36.51 1.03 0.00	37.81 1.17 0.00	41.09 1.31 0.00	43.37 1.22 0.00	43.59 1.19 0.00	41.35 1.08 -0.43	37.93 0.85 -0.34	33.87 0.53 -0.23	31.67 0.50 -0.10	28.41 0.53 0.00
PJM_GEN_NEPTUNE_PROXY 323594	35.70 1.88 -6.15	35.30 1.66 -7.69	29.58 1.54 -3.13	29.34 1.47 -3.77	29.46 1.52 -3.37	33.95 1.63 -6.51	34.98 1.96 -1.88	36.23 2.25 -1.42	36.27 2.30 -1.65	36.06 2.49 -0.77	34.74 2.27 0.00	35.54 2.45 -0.42	35.95 2.69 0.00	36.76 2.69 0.00	38.17 2.70 0.00	39.46 2.82 0.00	42.76 2.98 0.00	45.01 2.87 0.00	45.33 2.92 0.00	42.56 2.71 0.00	39.39 2.65 0.00	35.73 2.62 0.00	33.58 2.52 0.00	32.44 2.26 -2.30
PJM_GEN_VFT_PROXY 323633	29.25 1.58 0.00	27.32 1.37 0.00	26.17 1.27 0.00	25.29 1.18 0.00	25.77 1.20 0.00	27.12 1.32 0.00	32.76 1.62 0.00	34.48 1.92 0.00	34.36 2.04 0.00	35.04 2.23 0.00	34.64 2.18 0.00	34.93 2.25 0.00	35.78 2.53 0.00	36.62 2.56 0.00	38.07 2.59 0.00	39.35 2.71 0.00	42.60 2.82 0.00	44.80 2.66 0.00	45.12 2.72 0.00	42.36 2.51 0.00	39.47 2.72 0.00	35.50 2.39 0.00	33.36 2.30 0.00	29.94 2.06 0.00
PLATSBURG_115KV_PMLD1 355749	28.42 0.75 0.00	26.86 0.91 0.00	25.83 0.92 0.00	24.98 0.87 0.00	25.43 0.86 0.00	26.76 0.95 0.00	32.39 1.25 0.00	33.87 1.30 0.00	33.72 1.39 0.00	34.28 1.48 0.00	33.89 1.43 0.00	33.92 1.24 0.00	34.45 1.20 0.00	35.06 0.99 0.00	36.44 0.96 0.00	37.52 0.88 0.00	41.05 1.27 0.00	43.54 1.39 0.00	43.55 1.14 0.00	40.64 0.80 0.00	37.41 0.66 0.00	33.84 0.73 0.00	31.59 0.53 0.00	28.21 0.33 0.00
PLEASANTVLY___LBMP 24000	28.86 1.19 0.00	27.01 1.06 0.00	25.90 1.00 0.00	25.07 0.96 0.00	25.55 0.98 0.00	26.84 1.03 0.00	32.36 1.21 0.00	34.00 1.43 0.00	33.78 1.45 0.00	34.28 1.48 0.00	34.02 1.56 0.00	34.21 1.54 0.00	34.75 1.50 0.00	35.84 1.77 0.00	37.36 1.88 0.00	38.62 1.98 0.00	41.85 2.07 0.00	44.13 1.98 0.00	44.44 2.04 0.00	41.76 1.91 0.00	38.73 1.98 0.00	34.80 1.69 0.00	32.71 1.65 0.00	29.36 1.48 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	29.16 1.49 0.00	27.25 1.30 0.00	26.12 1.22 0.00	25.26 1.16 0.00	25.75 1.18 0.00	27.07 1.26 0.00	32.67 1.53 0.00	34.35 1.79 0.00	34.17 1.84 0.00	34.67 1.87 0.00	34.45 1.98 0.00	34.67 1.99 0.00	35.22 1.96 0.00	36.32 2.25 0.00	37.82 2.34 0.00	39.13 2.49 0.00	42.44 2.67 0.00	44.72 2.57 0.00	44.99 2.59 0.00	42.23 2.39 0.00	39.21 2.46 0.00	35.23 2.12 0.00	33.08 2.02 0.00	29.69 1.81 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	29.16 1.49 0.00	27.25 1.30 0.00	26.12 1.22 0.00	25.26 1.16 0.00	25.75 1.18 0.00	27.07 1.26 0.00	32.67 1.53 0.00	34.35 1.79 0.00	34.17 1.84 0.00	34.67 1.87 0.00	34.45 1.98 0.00	34.67 1.99 0.00	35.22 1.96 0.00	36.32 2.25 0.00	37.82 2.34 0.00	39.13 2.49 0.00	42.44 2.67 0.00	44.72 2.57 0.00	44.99 2.59 0.00	42.23 2.39 0.00	39.21 2.46 0.00	35.23 2.12 0.00	33.08 2.02 0.00	29.69 1.81 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	29.05 1.38 0.00	27.17 1.22 0.00	26.05 1.15 0.00	25.19 1.08 0.00	25.67 1.11 0.00	26.99 1.19 0.00	32.51 1.37 0.00	34.13 1.56 0.00	33.94 1.62 0.00	34.38 1.57 0.00	34.09 1.62 0.00	34.27 1.60 0.00	34.85 1.60 0.00	35.98 1.91 0.00	37.50 2.02 0.00	38.80 2.16 0.00	42.05 2.27 0.00	44.38 2.23 0.00	44.70 2.29 0.00	41.96 2.11 0.00	38.91 2.17 0.00	34.96 1.85 0.00	32.90 1.83 0.00	29.49 1.62 0.00
POLETTI___ 23519	29.33 1.66 0.00	27.40 1.45 0.00	26.25 1.34 0.00	25.36 1.25 0.00	25.85 1.28 0.00	27.20 1.39 0.00	32.85 1.71 0.00	34.55 1.99 0.00	34.40 2.07 0.00	34.87 2.07 0.00	34.74 2.27 0.00	34.96 2.29 0.00	35.52 2.26 0.00	36.66 2.59 0.00	38.18 2.70 0.00	39.46 2.82 0.00	42.76 2.98 0.00	44.97 2.82 0.00	45.25 2.84 0.00	42.47 2.63 0.00	39.61 2.87 0.00	35.53 2.42 0.00	33.46 2.39 0.00	30.05 2.17 0.00
POMONA___ESR 323819	28.94 1.27 0.00	27.04 1.09 0.00	25.93 1.02 0.00	25.07 0.97 0.00	25.55 0.98 0.00	26.86 1.06 0.00	32.45 1.31 0.00	34.06 1.50 0.00	33.85 1.52 0.00	34.51 1.70 0.00	34.09 1.62 0.00	34.34 1.67 0.00	35.18 1.93 0.00	36.01 1.94 0.00	37.50 2.02 0.00	38.80 2.16 0.00	42.13 2.35 0.00	44.38 2.23 0.00	44.69 2.29 0.00	41.95 2.11 0.00	38.88 2.13 0.00	35.00 1.89 0.00	32.83 1.77 0.00	29.47 1.59 0.00
PORT_JEFF_3 23555	35.57 1.74 -6.15	35.07 1.43 -7.69	29.40 1.37 -3.13	29.08 1.20 -3.77	29.19 1.25 -3.37	33.69 1.37 -6.51	34.11 1.09 -1.88	35.58 1.60 -1.42	35.63 1.65 -1.65	35.21 1.64 -0.77	34.61 2.14 0.00	35.74 2.65 -0.42	35.98 2.73 0.00	36.86 2.79 0.00	38.25 2.77 0.00	39.57 2.93 0.00	43.28 3.50 0.00	45.64 3.50 0.00	45.92 3.52 0.00	42.99 3.15 0.00	39.10 2.35 0.00	35.96 2.85 0.00	33.55 2.49 0.00	32.10 1.92 -2.30

PORT_JEFF_4 23616	35.57 1.74 -6.15	35.07 1.43 -7.69	29.40 1.37 -3.13	29.08 1.20 -3.77	29.19 1.25 -3.37	33.69 1.37 -6.51	34.11 1.09 -1.88	35.58 1.60 -1.42	35.63 1.65 -1.65	35.21 1.64 -0.77	34.61 2.14 0.00	35.74 2.65 -0.42	35.98 2.73 0.00	36.86 2.79 0.00	38.25 2.77 0.00	39.57 2.93 0.00	43.28 3.50 0.00	45.64 3.50 0.00	45.92 3.52 0.00	42.99 3.15 0.00	39.10 2.35 0.00	35.96 2.85 0.00	33.55 2.49 0.00	32.10 1.92 -2.30
PORT_JEFF_IC 23713	35.62 1.80 -6.15	35.09 1.45 -7.69	29.43 1.39 -3.13	29.13 1.25 -3.77	29.19 1.25 -3.37	33.71 1.39 -6.51	34.17 1.15 -1.88	35.61 1.63 -1.42	35.69 1.71 -1.65	35.11 1.54 -0.77	34.71 2.24 0.00	35.51 2.42 -0.42	35.32 2.06 0.00	36.89 2.83 0.00	38.18 2.70 0.00	40.01 3.37 0.00	43.32 3.54 0.00	45.69 3.54 0.00	45.97 3.56 0.00	43.07 3.23 0.00	39.25 2.50 0.00	35.83 2.72 0.00	32.74 1.68 0.00	32.16 1.98 -2.30
PPL_PILGRIM_ST_GT1 24216	35.76 1.94 -6.15	35.33 1.69 -7.69	29.63 1.60 -3.13	29.34 1.47 -3.77	29.46 1.52 -3.37	33.95 1.63 -6.51	34.86 1.84 -1.88	36.20 2.22 -1.42	36.21 2.23 -1.65	35.97 2.39 -0.77	34.77 2.31 0.00	35.71 2.61 -0.42	36.05 2.79 0.00	36.89 2.83 0.00	38.28 2.80 0.00	39.60 2.97 0.00	43.12 3.34 0.00	45.39 3.25 0.00	45.67 3.27 0.00	42.87 3.03 0.00	39.39 2.65 0.00	35.89 2.78 0.00	33.64 2.58 0.00	32.38 2.20 -2.30
PPL_PILGRIM_ST_GT2 24217	35.76 1.94 -6.15	35.33 1.69 -7.69	29.63 1.60 -3.13	29.34 1.47 -3.77	29.46 1.52 -3.37	33.95 1.63 -6.51	34.86 1.84 -1.88	36.20 2.22 -1.42	36.21 2.23 -1.65	35.97 2.39 -0.77	34.77 2.31 0.00	35.71 2.61 -0.42	36.05 2.79 0.00	36.89 2.83 0.00	38.28 2.80 0.00	39.60 2.97 0.00	43.12 3.34 0.00	45.39 3.25 0.00	45.67 3.27 0.00	42.87 3.03 0.00	39.39 2.65 0.00	35.89 2.78 0.00	33.64 2.58 0.00	32.38 2.20 -2.30
PPL_SHRM_GT3 24213	35.15 1.33 -6.15	34.63 0.99 -7.69	29.03 1.00 -3.13	28.69 0.82 -3.77	28.80 0.86 -3.37	33.27 0.96 -6.51	33.58 0.56 -1.88	35.06 1.07 -1.42	35.11 1.13 -1.65	34.65 1.08 -0.77	34.15 1.69 0.00	35.31 2.22 -0.42	35.55 2.29 0.00	36.39 2.32 0.00	37.78 2.30 0.00	39.09 2.46 0.00	42.80 3.02 0.00	45.18 3.04 0.00	45.46 3.05 0.00	42.56 2.71 0.00	38.62 1.87 0.00	35.56 2.45 0.00	33.08 2.02 0.00	31.63 1.45 -2.30
PPL_SHRM_GT4 24214	35.15 1.33 -6.15	34.63 0.99 -7.69	29.03 1.00 -3.13	28.69 0.82 -3.77	28.80 0.86 -3.37	33.27 0.96 -6.51	33.58 0.56 -1.88	35.06 1.07 -1.42	35.11 1.13 -1.65	34.65 1.08 -0.77	34.15 1.69 0.00	35.31 2.22 -0.42	35.55 2.29 0.00	36.39 2.32 0.00	37.78 2.30 0.00	39.09 2.46 0.00	42.80 3.02 0.00	45.18 3.04 0.00	45.46 3.05 0.00	42.56 2.71 0.00	38.62 1.87 0.00	35.56 2.45 0.00	33.08 2.02 0.00	31.63 1.45 -2.30
PROJECT___ORANGE 1 24174	27.48 -0.19 0.00	25.71 -0.23 0.00	24.68 -0.22 0.00	23.87 -0.24 0.00	24.32 -0.25 0.00	25.60 -0.21 0.00	30.95 -0.19 0.00	32.34 -0.23 0.00	31.82 -0.48 0.02	32.33 -0.46 0.02	32.71 -0.45 -0.70	33.01 -0.39 -0.73	33.77 -0.30 -0.82	34.95 -0.03 -0.91	36.50 -0.04 -1.06	37.79 -0.04 -1.18	41.21 -0.08 -1.51	43.97 0.00 -1.83	44.21 -0.04 -1.85	41.38 -0.04 -1.57	37.84 -0.15 -1.25	33.62 -0.33 -0.85	31.14 -0.31 -0.38	27.60 -0.28 0.00
PROJECT___ORANGE 2 24166	27.48 -0.19 0.00	25.71 -0.23 0.00	24.68 -0.22 0.00	23.87 -0.24 0.00	24.32 -0.25 0.00	25.60 -0.21 0.00	30.95 -0.19 0.00	32.34 -0.23 0.00	31.82 -0.48 0.02	32.33 -0.46 0.02	32.71 -0.45 -0.70	33.01 -0.39 -0.73	33.77 -0.30 -0.82	34.95 -0.03 -0.91	36.50 -0.04 -1.06	37.79 -0.04 -1.18	41.21 -0.08 -1.51	43.97 0.00 -1.83	44.21 -0.04 -1.85	41.38 -0.04 -1.57	37.84 -0.15 -1.25	33.62 -0.33 -0.85	31.14 -0.31 -0.38	27.60 -0.28 0.00
PUCKETT___SOLAR 323809	28.50 0.83 0.00	26.62 0.67 0.00	25.55 0.65 0.00	24.71 0.60 0.00	25.18 0.61 0.00	26.53 0.72 0.00	32.11 0.97 0.00	33.61 1.04 0.00	32.83 0.52 0.01	33.39 0.59 0.01	33.50 0.55 -0.48	33.73 0.55 -0.50	34.75 0.93 -0.56	35.75 1.06 -0.63	37.31 1.10 -0.73	38.70 1.25 -0.82	42.24 1.43 -1.03	45.16 1.77 -1.24	45.53 1.86 -1.26	42.77 1.87 -1.05	39.12 1.54 -0.83	34.80 1.13 -0.57	32.31 0.99 -0.26	28.74 0.87 0.00
PYRITES___HYD 24023	27.78 0.11 0.00	26.23 0.29 0.00	25.18 0.27 0.00	24.32 0.22 0.00	24.76 0.20 0.00	26.11 0.31 0.00	31.64 0.50 0.00	33.12 0.55 0.00	32.94 0.61 0.00	33.36 0.56 0.00	33.07 0.39 -0.22	33.07 0.16 -0.23	33.64 0.13 -0.26	34.08 -0.27 -0.29	35.49 -0.32 -0.33	36.64 -0.37 -0.37	39.86 -0.40 -0.47	42.42 -0.30 -0.57	42.73 -0.25 -0.58	40.23 -0.12 -0.50	37.18 0.04 -0.40	33.84 0.46 -0.27	31.59 0.40 -0.12	28.16 0.28 0.00
QUAKERRD_115KV_BK1 80622	26.56 -1.11 0.00	24.83 -1.12 0.00	23.81 -1.10 0.00	22.97 -1.13 0.00	23.39 -1.18 0.00	24.72 -1.08 0.00	29.77 -1.37 0.00	31.10 -1.47 0.00	30.64 -1.65 0.04	31.25 -1.51 0.04	31.00 -1.46 0.00	31.37 -1.31 0.00	32.29 -0.96 0.00	33.62 -0.44 0.00	34.84 -0.64 0.00	35.94 -0.70 0.00	39.10 -0.68 0.00	41.51 -0.63 0.00	41.68 -0.72 0.00	39.13 -0.72 0.00	35.68 -1.07 0.00	31.79 -1.32 0.00	29.79 -1.27 0.00	26.82 -1.06 0.00
QUEENSBRY_115KV_TB8 356137	29.69 2.02 0.00	27.97 2.02 0.00	26.72 1.82 0.00	25.84 1.74 0.00	26.36 1.79 0.00	27.71 1.91 0.00	33.57 2.43 0.00	35.10 2.54 0.00	34.85 2.52 0.00	35.17 2.36 0.00	34.71 2.24 0.00	34.90 2.22 0.00	35.45 2.19 0.00	36.52 2.45 0.00	38.07 2.59 0.00	39.35 2.71 0.00	42.84 3.06 0.00	45.73 3.58 0.00	46.10 3.69 0.00	43.27 3.43 0.00	39.98 3.23 0.00	35.86 2.75 0.00	33.58 2.52 0.00	30.00 2.12 0.00
RAMAPO___LBMP 323565	28.83 1.16 0.00	26.93 0.99 0.00	25.83 0.92 0.00	24.98 0.87 0.00	25.45 0.88 0.00	26.76 0.95 0.00	32.32 1.18 0.00	33.93 1.37 0.00	33.72 1.39 0.00	34.22 1.41 0.00	34.02 1.56 0.00	34.21 1.54 0.00	34.78 1.53 0.00	35.84 1.77 0.00	37.36 1.88 0.00	38.62 1.98 0.00	41.93 2.15 0.00	44.21 2.07 0.00	44.53 2.12 0.00	41.76 1.91 0.00	38.73 1.98 0.00	34.80 1.69 0.00	32.68 1.62 0.00	29.36 1.48 0.00
RANKINE____ 23646	27.31 -0.36 0.00	25.35 -0.60 0.00	24.33 -0.57 0.00	23.46 -0.65 0.00	23.86 -0.71 0.00	25.31 -0.49 0.00	30.39 -0.75 0.00	31.55 -1.01 0.00	30.32 -1.97 0.04	31.39 -1.38 0.04	31.72 -0.75 0.00	32.22 -0.46 0.00	33.49 0.23 0.00	35.29 1.23 0.00	36.33 0.85 0.00	37.37 0.73 0.00	40.90 1.11 0.00	43.24 1.10 0.00	43.25 0.85 0.00	40.60 0.76 0.00	36.64 -0.11 0.00	32.45 -0.66 0.00	30.57 -0.50 0.00	27.77 -0.11 0.00
RAVENSWOOD_GT2_1 24244	29.36 1.69 0.00	27.43 1.48 0.00	26.27 1.37 0.00	25.41 1.30 0.00	25.89 1.33 0.00	27.22 1.42 0.00	32.88 1.74 0.00	34.58 2.02 0.00	34.43 2.10 0.00	34.94 2.13 0.00	34.77 2.31 0.00	34.99 2.32 0.00	35.58 2.33 0.00	36.72 2.66 0.00	38.21 2.73 0.00	39.53 2.89 0.00	42.80 3.02 0.00	45.01 2.87 0.00	45.33 2.93 0.00	42.51 2.67 0.00	39.58 2.83 0.00	35.53 2.42 0.00	33.43 2.36 0.00	30.02 2.15 0.00

RAVENSWOOD_GT2_2 24245	29.36 1.69 0.00	27.43 1.48 0.00	26.27 1.37 0.00	25.41 1.30 0.00	25.89 1.33 0.00	27.22 1.42 0.00	32.88 1.74 0.00	34.58 2.02 0.00	34.43 2.10 0.00	34.94 2.13 0.00	34.77 2.31 0.00	34.99 2.32 0.00	35.58 2.33 0.00	36.72 2.66 0.00	38.21 2.73 0.00	39.53 2.89 0.00	42.80 3.02 0.00	45.01 2.87 0.00	45.33 2.93 0.00	42.51 2.67 0.00	39.58 2.83 0.00	35.53 2.42 0.00	33.43 2.36 0.00	30.02 2.15 0.00
RAVENSWOOD_GT2_3 24246	29.39 1.72 0.00	27.45 1.50 0.00	26.30 1.39 0.00	25.41 1.30 0.00	25.89 1.33 0.00	27.22 1.42 0.00	32.88 1.74 0.00	34.58 2.02 0.00	34.46 2.13 0.00	34.94 2.13 0.00	34.77 2.31 0.00	35.03 2.35 0.00	35.58 2.33 0.00	36.72 2.66 0.00	38.21 2.73 0.00	39.53 2.89 0.00	42.84 3.06 0.00	45.05 2.91 0.00	45.33 2.93 0.00	42.55 2.71 0.00	39.61 2.87 0.00	35.56 2.45 0.00	33.43 2.36 0.00	30.02 2.15 0.00
RAVENSWOOD_GT2_4 24247	29.39 1.72 0.00	27.45 1.50 0.00	26.30 1.39 0.00	25.41 1.30 0.00	25.89 1.33 0.00	27.22 1.42 0.00	32.88 1.74 0.00	34.58 2.02 0.00	34.46 2.13 0.00	34.94 2.13 0.00	34.77 2.31 0.00	35.03 2.35 0.00	35.58 2.33 0.00	36.72 2.66 0.00	38.21 2.73 0.00	39.53 2.89 0.00	42.84 3.06 0.00	45.05 2.91 0.00	45.33 2.93 0.00	42.55 2.71 0.00	39.61 2.87 0.00	35.56 2.45 0.00	33.43 2.36 0.00	30.02 2.15 0.00
RAVENSWOOD_GT3_1 24248	29.36 1.69 0.00	27.43 1.48 0.00	26.27 1.37 0.00	25.41 1.30 0.00	25.89 1.33 0.00	27.22 1.42 0.00	32.88 1.74 0.00	34.58 2.02 0.00	34.43 2.10 0.00	34.94 2.13 0.00	34.77 2.31 0.00	35.03 2.35 0.00	35.58 2.33 0.00	36.72 2.66 0.00	38.21 2.73 0.00	39.53 2.89 0.00	42.80 3.02 0.00	45.01 2.87 0.00	45.33 2.93 0.00	42.51 2.67 0.00	39.58 2.83 0.00	35.53 2.42 0.00	33.43 2.36 0.00	30.02 2.15 0.00
RAVENSWOOD_GT3_2 24249	29.36 1.69 0.00	27.43 1.48 0.00	26.27 1.37 0.00	25.41 1.30 0.00	25.89 1.33 0.00	27.22 1.42 0.00	32.88 1.74 0.00	34.58 2.02 0.00	34.43 2.10 0.00	34.94 2.13 0.00	34.77 2.31 0.00	35.03 2.35 0.00	35.58 2.33 0.00	36.72 2.66 0.00	38.21 2.73 0.00	39.53 2.89 0.00	42.80 3.02 0.00	45.01 2.87 0.00	45.33 2.93 0.00	42.51 2.67 0.00	39.58 2.83 0.00	35.53 2.42 0.00	33.43 2.36 0.00	30.02 2.15 0.00
RAVENSWOOD_GT3_3 24250	29.41 1.74 0.00	27.48 1.53 0.00	26.30 1.39 0.00	25.43 1.33 0.00	25.92 1.35 0.00	27.25 1.45 0.00	32.92 1.78 0.00	34.62 2.05 0.00	34.49 2.17 0.00	34.97 2.17 0.00	34.84 2.37 0.00	35.06 2.39 0.00	35.62 2.36 0.00	36.76 2.69 0.00	38.28 2.80 0.00	39.61 2.97 0.00	42.88 3.10 0.00	45.10 2.95 0.00	45.37 2.97 0.00	42.59 2.75 0.00	39.65 2.90 0.00	35.59 2.48 0.00	33.46 2.39 0.00	30.05 2.17 0.00
RAVENSWOOD_GT3_4 24251	29.41 1.74 0.00	27.48 1.53 0.00	26.30 1.39 0.00	25.43 1.33 0.00	25.92 1.35 0.00	27.25 1.45 0.00	32.92 1.78 0.00	34.62 2.05 0.00	34.49 2.17 0.00	34.97 2.17 0.00	34.84 2.37 0.00	35.06 2.39 0.00	35.62 2.36 0.00	36.76 2.69 0.00	38.28 2.80 0.00	39.61 2.97 0.00	42.88 3.10 0.00	45.10 2.95 0.00	45.37 2.97 0.00	42.59 2.75 0.00	39.65 2.90 0.00	35.59 2.48 0.00	33.46 2.39 0.00	30.05 2.17 0.00
RAVENSWOOD_GT_1 23729	29.50 1.83 -0.01	27.57 1.61 -0.01	26.41 1.49 -0.01	25.54 1.42 -0.01	26.03 1.45 -0.01	27.33 1.52 0.00	32.95 1.81 0.00	34.65 2.08 0.00	34.49 2.17 0.00	35.00 2.20 0.00	34.87 2.40 0.00	35.12 2.45 0.00	35.72 2.46 0.00	36.89 2.83 0.00	38.39 2.91 0.00	39.72 3.08 -0.01	43.01 3.22 -0.01	45.18 3.03 0.00	45.46 3.05 0.00	42.67 2.83 0.00	39.72 2.98 0.00	35.63 2.52 0.00	33.55 2.49 0.00	30.17 2.29 -0.01
RAVENSWOOD_GT_10 24258	29.36 1.69 0.00	27.43 1.48 0.00	26.27 1.37 0.00	25.41 1.30 0.00	25.89 1.33 0.00	27.22 1.42 0.00	32.88 1.74 0.00	34.58 2.02 0.00	34.43 2.10 0.00	34.94 2.13 0.00	34.77 2.31 0.00	34.99 2.32 0.00	35.58 2.33 0.00	36.72 2.66 0.00	38.21 2.73 0.00	39.53 2.89 0.00	42.80 3.02 0.00	45.01 2.87 0.00	45.33 2.93 0.00	42.51 2.67 0.00	39.58 2.83 0.00	35.53 2.42 0.00	33.39 2.33 0.00	30.02 2.15 0.00
RAVENSWOOD_GT_11 24259	29.36 1.69 0.00	27.43 1.48 0.00	26.27 1.37 0.00	25.41 1.30 0.00	25.89 1.33 0.00	27.22 1.42 0.00	32.88 1.74 0.00	34.58 2.02 0.00	34.43 2.10 0.00	34.94 2.13 0.00	34.77 2.31 0.00	34.99 2.32 0.00	35.58 2.33 0.00	36.72 2.66 0.00	38.21 2.73 0.00	39.53 2.89 0.00	42.80 3.02 0.00	45.01 2.87 0.00	45.33 2.93 0.00	42.51 2.67 0.00	39.58 2.83 0.00	35.53 2.42 0.00	33.39 2.33 0.00	30.02 2.15 0.00
RAVENSWOOD_GT_4 24252	29.35 1.69 0.01	27.42 1.48 0.01	26.24 1.34 0.01	25.38 1.28 0.01	25.86 1.30 0.01	27.20 1.39 0.00	32.88 1.74 0.00	34.58 2.02 0.00	34.43 2.10 0.00	34.90 2.10 0.00	34.74 2.27 0.00	34.99 2.32 0.00	35.55 2.29 0.00	36.69 2.62 0.00	38.18 2.70 0.00	39.49 2.86 0.01	42.76 2.98 0.01	45.01 2.87 0.00	45.29 2.88 0.00	42.51 2.67 0.00	39.58 2.83 0.00	35.53 2.42 0.00	33.39 2.33 0.00	29.99 2.12 0.01
RAVENSWOOD_GT_5 24254	29.35 1.69 0.01	27.42 1.48 0.01	26.24 1.34 0.01	25.38 1.28 0.01	25.86 1.30 0.01	27.20 1.39 0.00	32.88 1.74 0.00	34.58 2.02 0.00	34.43 2.10 0.00	34.90 2.10 0.00	34.74 2.27 0.00	34.99 2.32 0.00	35.55 2.29 0.00	36.69 2.62 0.00	38.18 2.70 0.00	39.49 2.86 0.01	42.76 2.98 0.01	45.01 2.87 0.00	45.29 2.88 0.00	42.51 2.67 0.00	39.58 2.83 0.00	35.53 2.42 0.00	33.39 2.33 0.00	29.99 2.12 0.01
RAVENSWOOD_GT_6 24253	29.35 1.69 0.01	27.42 1.48 0.01	26.24 1.34 0.01	25.38 1.28 0.01	25.86 1.30 0.01	27.20 1.39 0.00	32.88 1.74 0.00	34.58 2.02 0.00	34.43 2.10 0.00	34.90 2.10 0.00	34.74 2.27 0.00	34.99 2.32 0.00	35.55 2.29 0.00	36.69 2.62 0.00	38.18 2.70 0.00	39.49 2.86 0.01	42.76 2.98 0.01	45.01 2.87 0.00	45.29 2.88 0.00	42.51 2.67 0.00	39.58 2.83 0.00	35.53 2.42 0.00	33.39 2.33 0.00	29.99 2.12 0.01
RAVENSWOOD_GT_7 24255	29.35 1.69 0.01	27.42 1.48 0.01	26.24 1.34 0.01	25.38 1.28 0.01	25.86 1.30 0.01	27.20 1.39 0.00	32.88 1.74 0.00	34.58 2.02 0.00	34.43 2.10 0.00	34.90 2.10 0.00	34.74 2.27 0.00	34.99 2.32 0.00	35.55 2.29 0.00	36.69 2.62 0.00	38.18 2.70 0.00	39.49 2.86 0.01	42.76 2.98 0.01	45.01 2.87 0.00	45.29 2.88 0.00	42.51 2.67 0.00	39.58 2.83 0.00	35.53 2.42 0.00	33.39 2.33 0.00	29.99 2.12 0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	29.36 1.69 0.00	27.43 1.48 0.00	26.27 1.37 0.00	25.41 1.30 0.00	25.89 1.33 0.00	27.22 1.42 0.00	32.88 1.74 0.00	34.58 2.02 0.00	34.43 2.10 0.00	34.94 2.13 0.00	34.77 2.31 0.00	34.99 2.32 0.00	35.58 2.33 0.00	36.72 2.66 0.00	38.21 2.73 0.00	39.53 2.89 0.00	42.80 3.02 0.00	45.01 2.87 0.00	45.33 2.93 0.00	42.51 2.67 0.00	39.58 2.83 0.00	35.53 2.42 0.00	33.39 2.33 0.00	30.02 2.15 0.00

RAVENSWOOD_GT_9 24257	29.36 1.69 0.00	27.43 1.48 0.00	26.27 1.37 0.00	25.41 1.30 0.00	25.89 1.33 0.00	27.22 1.42 0.00	32.88 1.74 0.00	34.58 2.02 0.00	34.43 2.10 0.00	34.94 2.13 0.00	34.77 2.31 0.00	34.99 2.32 0.00	35.58 2.33 0.00	36.72 2.66 0.00	38.21 2.73 0.00	39.53 2.89 0.00	42.80 3.02 0.00	45.01 2.87 0.00	45.33 2.93 0.00	42.51 2.67 0.00	39.58 2.83 0.00	35.53 2.42 0.00	33.39 2.33 0.00	30.02 2.15 0.00
RAVENSWOOD___1 23533	29.50 1.83 -0.01	27.57 1.61 -0.01	26.41 1.49 -0.01	25.51 1.40 -0.01	26.00 1.42 -0.01	27.30 1.50 0.00	32.95 1.81 0.00	34.65 2.09 0.00	34.49 2.17 0.00	35.17 2.36 0.00	34.80 2.34 0.00	35.13 2.45 0.00	36.01 2.76 0.00	36.86 2.79 0.00	38.35 2.87 0.00	39.69 3.04 -0.01	43.01 3.22 -0.01	45.18 3.04 0.00	45.46 3.05 0.00	42.63 2.79 0.00	39.65 2.90 0.00	35.66 2.55 0.00	33.55 2.49 0.00	30.14 2.26 -0.01
RAVENSWOOD___2 23534	29.50 1.83 -0.01	27.54 1.58 -0.01	26.38 1.47 -0.01	25.51 1.40 -0.01	26.00 1.42 -0.01	27.30 1.50 0.00	32.91 1.77 0.00	34.65 2.09 0.00	34.46 2.13 0.00	35.17 2.36 0.00	34.80 2.34 0.00	35.13 2.45 0.00	36.01 2.76 0.00	36.86 2.79 0.00	38.35 2.87 0.00	39.69 3.04 -0.01	43.01 3.22 -0.01	45.14 2.99 0.00	45.46 3.05 0.00	42.63 2.79 0.00	39.65 2.90 0.00	35.66 2.55 0.00	33.55 2.49 0.00	30.14 2.26 -0.01
RAVENSWOOD___3 23535	29.36 1.69 0.00	27.43 1.48 0.00	26.27 1.37 0.00	25.41 1.30 0.00	25.89 1.33 0.00	27.22 1.42 0.00	32.88 1.74 0.00	34.58 2.02 0.00	34.43 2.10 0.00	35.10 2.30 0.00	34.70 2.24 0.00	34.99 2.32 0.00	35.88 2.63 0.00	36.73 2.66 0.00	38.21 2.73 0.00	39.50 2.86 0.00	42.80 3.02 0.00	45.01 2.87 0.00	45.33 2.92 0.00	42.51 2.67 0.00	39.58 2.83 0.00	35.59 2.48 0.00	33.46 2.39 0.00	30.02 2.15 0.00
RAVENSWOOD___4 23820	29.47 1.80 -0.01	27.54 1.58 -0.01	26.38 1.47 -0.01	25.51 1.40 -0.01	26.00 1.42 -0.01	27.30 1.50 0.00	32.91 1.77 0.00	34.62 2.05 0.00	34.46 2.13 0.00	35.17 2.36 0.00	34.77 2.31 0.00	35.09 2.42 0.00	36.01 2.76 0.00	36.86 2.79 0.00	38.35 2.87 0.00	39.65 3.00 -0.01	42.97 3.18 -0.01	45.14 2.99 0.00	45.42 3.01 0.00	42.63 2.79 0.00	39.65 2.90 0.00	35.66 2.55 0.00	33.55 2.49 0.00	30.14 2.26 -0.01
RCPL_TRUST___DRP 24196	29.39 1.72 0.00	27.45 1.50 0.00	26.27 1.37 0.00	25.41 1.30 0.00	25.89 1.33 0.00	27.22 1.42 0.00	32.92 1.78 0.00	34.62 2.05 0.00	34.49 2.17 0.00	34.97 2.17 0.00	34.84 2.37 0.00	35.06 2.39 0.00	35.62 2.36 0.00	36.76 2.69 0.00	38.25 2.77 0.00	39.57 2.93 0.00	42.88 3.10 0.00	45.10 2.95 0.00	45.37 2.97 0.00	42.59 2.75 0.00	39.61 2.87 0.00	35.56 2.45 0.00	33.43 2.36 0.00	30.02 2.15 0.00
RED___ROCHESTER 323720	27.17 -0.50 0.00	25.33 -0.62 0.00	24.28 -0.62 0.00	23.38 -0.72 0.00	23.81 -0.76 0.00	25.21 -0.59 0.00	30.30 -0.84 0.00	31.69 -0.88 0.00	31.19 -1.10 0.04	31.84 -0.92 0.04	31.85 -0.62 0.00	32.12 -0.56 0.00	33.59 0.33 0.00	34.71 0.65 0.00	35.87 0.39 0.00	37.19 0.55 0.00	40.26 0.48 0.00	42.73 0.59 0.00	42.92 0.51 0.00	40.28 0.44 0.00	36.67 -0.07 0.00	32.58 -0.53 0.00	30.54 -0.53 0.00	27.46 -0.42 0.00
REGAN___SOLAR 323812	30.19 2.52 0.00	28.41 2.47 0.00	27.12 2.22 0.00	26.28 2.17 0.00	26.78 2.21 0.00	28.23 2.42 0.00	34.22 3.08 0.00	35.56 2.99 0.00	35.11 2.78 0.00	35.30 2.49 0.00	34.70 2.24 0.00	34.86 2.19 0.00	35.75 2.50 0.00	36.62 2.56 0.00	38.32 2.84 0.00	39.75 3.11 0.00	43.68 3.90 0.00	46.66 4.51 0.00	47.03 4.62 0.00	44.15 4.30 0.00	40.75 4.01 0.00	36.59 3.48 0.00	34.20 3.14 0.00	30.55 2.68 0.00
RENSSELAER___COGEN 23796	28.17 0.50 0.00	26.47 0.52 0.00	25.38 0.47 0.00	24.56 0.46 0.00	25.06 0.49 0.00	26.29 0.49 0.00	31.73 0.59 0.00	33.28 0.72 0.00	32.94 0.61 0.00	33.43 0.62 0.00	32.95 0.49 0.00	33.16 0.49 0.00	33.85 0.60 0.00	34.65 0.58 0.00	36.15 0.67 0.00	37.33 0.69 0.00	40.53 0.75 0.00	42.94 0.80 0.00	43.30 0.89 0.00	40.68 0.84 0.00	37.59 0.85 0.00	33.87 0.76 0.00	31.78 0.72 0.00	28.49 0.61 0.00
REPUBLIC_115KV_BARTNBRK 55605	30.71 3.04 0.00	28.98 3.04 0.00	27.59 2.69 0.00	26.69 2.58 0.00	27.22 2.65 0.00	28.64 2.84 0.00	34.82 3.67 0.00	36.28 3.71 0.00	36.08 3.75 0.00	36.38 3.58 0.00	35.81 3.34 0.00	35.94 3.27 0.00	36.51 3.26 0.00	37.58 3.51 0.00	39.24 3.76 0.00	40.56 3.92 0.00	44.23 4.46 0.00	47.46 5.31 0.00	47.88 5.47 0.00	44.94 5.10 0.00	41.52 4.78 0.00	37.12 4.01 0.00	34.70 3.63 0.00	30.94 3.07 0.00
REVERE_CPPR_DRP 24186	28.80 1.13 0.00	26.96 1.01 0.00	25.83 0.92 0.00	24.95 0.84 0.00	25.45 0.88 0.00	26.86 1.06 0.00	32.54 1.40 0.00	34.03 1.47 0.00	33.45 1.13 0.01	33.95 1.15 0.01	33.92 1.07 -0.38	34.15 1.08 -0.40	34.86 1.16 -0.44	35.86 1.29 -0.50	37.40 1.35 -0.57	38.67 1.39 -0.64	42.15 1.55 -0.82	44.91 1.77 -0.99	45.40 1.99 -1.00	42.69 1.99 -0.86	39.23 1.80 -0.68	35.06 1.49 -0.46	32.52 1.24 -0.21	28.94 1.06 0.00
REYNOLDS_115KV_TB3 80639	28.44 0.77 0.00	26.73 0.78 0.00	25.60 0.70 0.00	24.78 0.68 0.00	25.28 0.71 0.00	26.55 0.75 0.00	32.01 0.87 0.00	33.57 1.01 0.00	33.26 0.94 0.00	33.69 0.89 0.00	33.31 0.84 0.00	33.49 0.82 0.00	33.99 0.73 0.00	34.99 0.92 0.00	36.51 1.03 0.00	37.70 1.06 0.00	40.89 1.11 0.00	43.33 1.18 0.00	43.64 1.23 0.00	41.04 1.20 0.00	37.92 1.18 0.00	34.14 1.03 0.00	32.09 1.03 0.00	28.71 0.84 0.00
RIVERBAY____ 323610	29.89 2.21 -0.01	27.93 1.97 -0.01	26.78 1.87 -0.01	25.85 1.74 -0.01	26.37 1.79 -0.01	27.64 1.83 0.00	33.20 2.06 0.00	34.91 2.34 0.00	34.69 2.36 0.00	35.17 2.36 0.00	35.10 2.63 0.00	35.35 2.68 0.00	35.95 2.69 0.00	37.17 3.10 0.00	38.67 3.19 0.00	40.05 3.41 -0.01	43.37 3.58 -0.01	45.56 3.41 0.00	45.88 3.48 0.00	43.03 3.19 0.00	40.02 3.27 0.00	35.89 2.78 0.00	33.83 2.76 0.00	30.51 2.62 -0.01
RIVERSDE_115KV_TB3 55908	28.28 0.61 0.00	26.54 0.60 0.00	25.45 0.55 0.00	24.64 0.53 0.00	25.13 0.57 0.00	26.40 0.59 0.00	31.86 0.72 0.00	33.38 0.81 0.00	33.07 0.74 0.00	33.49 0.69 0.00	33.11 0.65 0.00	33.29 0.62 0.00	33.82 0.57 0.00	34.82 0.75 0.00	36.30 0.82 0.00	37.52 0.88 0.00	40.69 0.91 0.00	43.11 0.97 0.00	43.51 1.10 0.00	40.88 1.04 0.00	37.81 1.07 0.00	34.00 0.89 0.00	31.97 0.90 0.00	28.63 0.75 0.00
ROARING___BROOK_WT_PWR 323790	27.31 -0.36 0.00	25.74 -0.21 0.00	24.73 -0.17 0.00	23.94 -0.17 0.00	24.37 -0.20 0.00	25.60 -0.21 0.00	30.86 -0.28 0.00	32.27 -0.29 0.00	32.17 -0.16 0.00	32.61 -0.20 0.00	32.34 -0.13 0.00	32.51 -0.16 0.00	32.86 -0.40 0.00	33.66 -0.41 0.00	35.06 -0.42 0.00	36.16 -0.48 0.00	39.30 -0.48 0.00	41.64 -0.50 0.00	41.81 -0.59 0.00	39.21 -0.64 0.00	36.09 -0.66 0.00	32.48 -0.63 0.00	30.35 -0.71 0.00	27.13 -0.75 0.00

ROCHESRG_115KV_T4 355643	26.89 -0.77 0.00	25.09 -0.86 0.00	24.06 -0.85 0.00	23.19 -0.92 0.00	23.61 -0.96 0.00	24.98 -0.83 0.00	30.02 -1.12 0.00	31.33 -1.24 0.00	30.86 -1.42 0.04	31.52 -1.25 0.04	31.36 -1.10 0.00	31.73 -0.95 0.00	32.76 -0.50 0.00	34.24 0.17 0.00	35.41 -0.07 0.00	36.53 -0.11 0.00	39.74 -0.04 0.00	42.15 0.00 0.00	42.32 -0.08 0.00	39.72 -0.12 0.00	36.16 -0.59 0.00	32.15 -0.96 0.00	30.20 -0.87 0.00	27.21 -0.67 0.00
ROCHESTER_9_IC 23652	27.03 -0.64 0.00	25.22 -0.73 0.00	24.18 -0.72 0.00	23.31 -0.80 0.00	23.73 -0.84 0.00	25.11 -0.70 0.00	30.18 -0.97 0.00	31.52 -1.04 0.00	31.02 -1.26 0.04	31.71 -1.05 0.04	31.52 -0.94 0.00	31.96 -0.72 0.00	32.99 -0.27 0.00	34.48 0.41 0.00	35.66 0.18 0.00	36.78 0.15 0.00	40.02 0.24 0.00	42.48 0.34 0.00	42.62 0.21 0.00	40.00 0.16 0.00	36.42 -0.33 0.00	32.38 -0.73 0.00	30.38 -0.68 0.00	27.35 -0.53 0.00
ROCKVIEW_13_KV_LD 356306	29.30 1.63 0.00	27.38 1.43 0.00	26.22 1.32 0.00	25.36 1.25 0.00	25.85 1.28 0.00	27.20 1.39 0.00	32.82 1.68 0.00	34.55 1.99 0.00	34.36 2.04 0.00	34.87 2.07 0.00	34.67 2.21 0.00	34.93 2.25 0.00	35.45 2.19 0.00	36.59 2.52 0.00	38.10 2.63 0.00	39.42 2.78 0.00	42.72 2.94 0.00	44.97 2.82 0.00	45.25 2.84 0.00	42.51 2.67 0.00	39.50 2.76 0.00	35.46 2.35 0.00	33.27 2.21 0.00	29.89 2.01 0.00
ROME____115KV_TB2 80656	28.80 1.13 0.00	26.96 1.01 0.00	25.83 0.92 0.00	24.95 0.84 0.00	25.45 0.88 0.00	26.86 1.06 0.00	32.54 1.40 0.00	34.03 1.47 0.00	33.45 1.13 0.01	33.95 1.15 0.01	33.92 1.07 -0.38	34.15 1.08 -0.40	34.86 1.16 -0.44	35.86 1.29 -0.50	37.40 1.35 -0.57	38.67 1.39 -0.64	42.15 1.55 -0.82	44.91 1.77 -0.99	45.40 1.99 -1.00	42.69 1.99 -0.86	39.23 1.80 -0.68	35.06 1.49 -0.46	32.52 1.24 -0.21	28.94 1.06 0.00
ROSETON___1 23587	28.83 1.16 0.00	26.99 1.04 0.00	25.87 0.97 0.00	25.02 0.92 0.00	25.50 0.93 0.00	26.79 0.98 0.00	32.32 1.18 0.00	33.96 1.40 0.00	33.72 1.39 0.00	34.35 1.54 0.00	33.93 1.46 0.00	34.18 1.50 0.00	34.98 1.73 0.00	35.80 1.74 0.00	37.29 1.81 0.00	38.54 1.90 0.00	41.81 2.03 0.00	44.08 1.94 0.00	44.40 1.99 0.00	41.72 1.87 0.00	38.66 1.91 0.00	34.80 1.69 0.00	32.68 1.61 0.00	29.33 1.45 0.00
ROSETON___2 23588	28.83 1.16 0.00	26.99 1.04 0.00	25.87 0.97 0.00	25.02 0.92 0.00	25.50 0.93 0.00	26.79 0.98 0.00	32.32 1.18 0.00	33.96 1.40 0.00	33.72 1.39 0.00	34.35 1.54 0.00	33.93 1.46 0.00	34.18 1.50 0.00	34.98 1.73 0.00	35.80 1.74 0.00	37.29 1.81 0.00	38.54 1.90 0.00	41.81 2.03 0.00	44.08 1.94 0.00	44.40 1.99 0.00	41.72 1.87 0.00	38.66 1.91 0.00	34.80 1.69 0.00	32.68 1.61 0.00	29.33 1.45 0.00
ROTTRDAM_115KV_TB3 80664	28.64 0.97 0.00	26.88 0.93 0.00	25.78 0.87 0.00	24.95 0.84 0.00	25.45 0.88 0.00	26.71 0.90 0.00	32.23 1.09 0.00	33.74 1.17 0.00	33.46 1.13 0.00	33.85 1.05 0.00	33.47 1.01 0.00	33.65 0.98 0.00	34.22 0.96 0.00	35.23 1.16 0.00	36.72 1.24 0.00	37.96 1.32 0.00	41.29 1.51 0.00	43.79 1.64 0.00	44.10 1.70 0.00	41.44 1.59 0.00	38.29 1.54 0.00	34.43 1.32 0.00	32.34 1.27 0.00	28.97 1.09 0.00
RUSSELL___1 23602	27.14 -0.53 0.00	25.33 -0.62 0.00	24.28 -0.62 0.00	23.38 -0.72 0.00	23.81 -0.76 0.00	25.21 -0.59 0.00	30.30 -0.84 0.00	31.68 -0.88 0.00	31.19 -1.10 0.04	31.84 -0.92 0.04	31.69 -0.78 0.00	32.12 -0.56 0.00	33.16 -0.10 0.00	34.68 0.61 0.00	35.87 0.39 0.00	37.00 0.37 0.00	40.26 0.48 0.00	42.74 0.59 0.00	42.91 0.51 0.00	40.28 0.44 0.00	36.64 -0.11 0.00	32.55 -0.56 0.00	30.51 -0.56 0.00	27.46 -0.42 0.00
RUSSELL___2 23532	27.14 -0.53 0.00	25.33 -0.62 0.00	24.28 -0.62 0.00	23.38 -0.72 0.00	23.81 -0.76 0.00	25.21 -0.59 0.00	30.30 -0.84 0.00	31.68 -0.88 0.00	31.19 -1.10 0.04	31.84 -0.92 0.04	31.69 -0.78 0.00	32.12 -0.56 0.00	33.16 -0.10 0.00	34.68 0.61 0.00	35.87 0.39 0.00	37.00 0.37 0.00	40.26 0.48 0.00	42.74 0.59 0.00	42.91 0.51 0.00	40.28 0.44 0.00	36.64 -0.11 0.00	32.55 -0.56 0.00	30.51 -0.56 0.00	27.46 -0.42 0.00
RUSSELL___3 23549	27.14 -0.53 0.00	25.33 -0.62 0.00	24.28 -0.62 0.00	23.38 -0.72 0.00	23.81 -0.76 0.00	25.21 -0.59 0.00	30.30 -0.84 0.00	31.68 -0.88 0.00	31.19 -1.10 0.04	31.84 -0.92 0.04	31.69 -0.78 0.00	32.12 -0.56 0.00	33.16 -0.10 0.00	34.68 0.61 0.00	35.87 0.39 0.00	37.00 0.37 0.00	40.26 0.48 0.00	42.74 0.59 0.00	42.91 0.51 0.00	40.28 0.44 0.00	36.64 -0.11 0.00	32.55 -0.56 0.00	30.51 -0.56 0.00	27.46 -0.42 0.00
RUSSELL___4 23556	27.14 -0.53 0.00	25.33 -0.62 0.00	24.28 -0.62 0.00	23.38 -0.72 0.00	23.81 -0.76 0.00	25.21 -0.59 0.00	30.30 -0.84 0.00	31.68 -0.88 0.00	31.19 -1.10 0.04	31.84 -0.92 0.04	31.69 -0.78 0.00	32.12 -0.56 0.00	33.16 -0.10 0.00	34.68 0.61 0.00	35.87 0.39 0.00	37.00 0.37 0.00	40.26 0.48 0.00	42.74 0.59 0.00	42.91 0.51 0.00	40.28 0.44 0.00	36.64 -0.11 0.00	32.55 -0.56 0.00	30.51 -0.56 0.00	27.46 -0.42 0.00
RUSSELL___STATION 23914	27.14 -0.53 0.00	25.33 -0.62 0.00	24.28 -0.62 0.00	23.38 -0.72 0.00	23.81 -0.76 0.00	25.21 -0.59 0.00	30.30 -0.84 0.00	31.68 -0.88 0.00	31.19 -1.10 0.04	31.84 -0.92 0.04	31.69 -0.78 0.00	32.12 -0.56 0.00	33.16 -0.10 0.00	34.68 0.61 0.00	35.87 0.39 0.00	37.00 0.37 0.00	40.26 0.48 0.00	42.74 0.59 0.00	42.91 0.51 0.00	40.28 0.44 0.00	36.64 -0.11 0.00	32.55 -0.56 0.00	30.51 -0.56 0.00	27.46 -0.42 0.00
S SALMON___HYD 24043	27.59 -0.08 0.00	25.84 -0.10 0.00	24.78 -0.12 0.00	23.96 -0.14 0.00	24.42 -0.15 0.00	25.73 -0.08 0.00	31.17 0.03 0.00	32.60 0.03 0.00	32.12 -0.22 -0.01	32.56 -0.26 -0.01	33.71 -0.36 -1.60	33.92 -0.43 -1.67	34.89 -0.23 -1.87	35.99 -0.17 -2.09	37.69 -0.21 -2.42	39.13 -0.22 -2.71	42.96 -0.28 -3.46	46.16 -0.17 -4.18	46.56 -0.08 -4.24	43.56 0.04 -3.68	39.62 -0.04 -2.91	35.02 -0.07 -1.98	31.87 -0.09 -0.89	27.77 -0.11 0.00
S.PERRY__115KV_TB1 80734	28.14 0.47 0.00	26.23 0.29 0.00	25.13 0.22 0.00	24.18 0.07 0.00	24.62 0.05 0.00	26.17 0.36 0.00	31.55 0.40 0.00	33.08 0.52 0.00	32.00 -0.29 0.03	32.61 -0.16 0.03	32.40 -0.06 0.00	32.77 0.10 0.00	33.92 0.67 0.00	35.60 1.53 0.00	36.86 1.38 0.00	38.14 1.50 0.00	41.69 1.91 0.00	44.59 2.44 0.00	44.95 2.54 0.00	42.08 2.23 0.00	38.22 1.47 0.00	33.84 0.73 0.00	31.69 0.62 0.00	28.44 0.56 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	26.87 -0.80 0.00	24.96 -0.99 0.00	23.96 -0.95 0.00	23.09 -1.01 0.00	23.49 -1.08 0.00	24.90 -0.90 0.00	29.83 -1.31 0.00	30.94 -1.63 0.00	29.99 -2.30 0.04	30.93 -1.84 0.04	31.13 -1.33 0.00	31.63 -1.05 0.00	32.89 -0.37 0.00	34.65 0.58 0.00	35.66 0.18 0.00	36.67 0.04 0.00	40.10 0.32 0.00	42.40 0.25 0.00	42.45 0.04 0.00	39.84 0.00 0.00	35.97 -0.77 0.00	31.85 -1.26 0.00	30.04 -1.03 0.00	27.29 -0.59 0.00

SAWYER___23_KV_LOAD 55526	26.87 -0.80 0.00	24.96 -0.99 0.00	23.96 -0.95 0.00	23.09 -1.01 0.00	23.49 -1.08 0.00	24.90 -0.90 0.00	29.83 -1.31 0.00	30.94 -1.63 0.00	29.99 -2.30 0.04	30.93 -1.84 0.04	31.13 -1.33 0.00	31.63 -1.05 0.00	32.89 -0.37 0.00	34.65 0.58 0.00	35.66 0.18 0.00	36.67 0.04 0.00	40.10 0.32 0.00	42.40 0.25 0.00	42.45 0.04 0.00	39.84 0.00 0.00	35.97 -0.77 0.00	31.85 -1.26 0.00	30.04 -1.03 0.00	27.29 -0.59 0.00
SELKIRK___I 23801	28.47 0.80 0.00	26.75 0.81 0.00	25.65 0.75 0.00	24.83 0.72 0.00	25.33 0.76 0.00	26.55 0.75 0.00	32.04 0.90 0.00	33.51 0.94 0.00	33.17 0.84 0.00	33.62 0.82 0.00	33.08 0.62 0.00	33.26 0.59 0.00	33.95 0.70 0.00	34.75 0.68 0.00	36.30 0.82 0.00	37.48 0.84 0.00	40.77 0.99 0.00	43.32 1.18 0.00	43.68 1.27 0.00	41.04 1.19 0.00	37.92 1.18 0.00	34.17 1.06 0.00	32.06 0.99 0.00	28.74 0.87 0.00
SELKIRK___II 23799	28.28 0.61 0.00	26.57 0.62 0.00	25.45 0.55 0.00	24.64 0.53 0.00	25.16 0.59 0.00	26.37 0.57 0.00	31.82 0.68 0.00	33.34 0.78 0.00	33.04 0.71 0.00	33.53 0.72 0.00	33.02 0.55 0.00	33.23 0.55 0.00	33.95 0.70 0.00	34.71 0.65 0.00	36.23 0.75 0.00	37.41 0.77 0.00	40.65 0.87 0.00	43.07 0.93 0.00	43.42 1.02 0.00	40.80 0.95 0.00	37.70 0.95 0.00	33.97 0.86 0.00	31.87 0.81 0.00	28.58 0.70 0.00
SENECA OSWGO___HYD 24041	27.31 -0.36 0.00	25.58 -0.36 0.00	24.56 -0.35 0.00	23.75 -0.36 0.00	24.20 -0.37 0.00	25.44 -0.36 0.00	30.77 -0.37 0.00	32.11 -0.46 0.00	31.68 -0.68 -0.03	32.18 -0.66 -0.03	34.02 -0.68 -2.24	34.36 -0.65 -2.34	35.44 -0.43 -2.62	36.65 -0.34 -2.93	38.52 -0.35 -3.39	40.10 -0.33 -3.80	44.19 -0.44 -4.84	47.66 -0.34 -5.85	47.96 -0.38 -5.93	44.66 -0.32 -5.14	40.42 -0.40 -4.07	35.38 -0.50 -2.76	31.82 -0.50 -1.25	27.43 -0.45 0.00
SENECA___115KV_TB3 355854	27.37 -0.30 0.00	25.40 -0.54 0.00	24.38 -0.52 0.00	23.50 -0.60 0.00	23.90 -0.66 0.00	25.37 -0.44 0.00	30.46 -0.69 0.00	31.62 -0.94 0.00	30.38 -1.91 0.04	31.46 -1.31 0.04	31.78 -0.68 0.00	32.28 -0.39 0.00	33.55 0.30 0.00	35.36 1.29 0.00	36.44 0.96 0.00	37.44 0.81 0.00	41.02 1.23 0.00	43.37 1.22 0.00	43.34 0.93 0.00	40.68 0.84 0.00	36.75 0.00 0.00	32.51 -0.60 0.00	30.63 -0.43 0.00	27.82 -0.06 0.00
SENECA___ENERGY 23797	27.50 -0.17 0.00	25.69 -0.26 0.00	24.63 -0.27 0.00	23.79 -0.31 0.00	24.27 -0.29 0.00	25.63 -0.18 0.00	30.99 -0.15 0.00	32.43 -0.13 0.00	31.77 -0.55 0.01	32.37 -0.43 0.01	33.09 -0.32 -0.95	33.37 -0.29 -0.99	34.56 0.20 -1.11	35.72 0.41 -1.24	37.27 0.35 -1.44	38.69 0.44 -1.61	42.14 0.32 -2.04	45.16 0.55 -2.47	45.37 0.47 -2.50	42.42 0.40 -2.17	38.65 0.18 -1.72	34.12 -0.16 -1.17	31.41 -0.19 -0.53	27.68 -0.19 0.00
SHOEMAKER___GT 23640	28.69 1.02 0.00	26.83 0.88 0.00	25.72 0.82 0.00	24.90 0.79 0.00	25.38 0.81 0.00	26.65 0.85 0.00	32.14 1.00 0.00	33.70 1.14 0.00	33.46 1.13 0.00	34.05 1.25 0.00	33.63 1.17 0.00	33.85 1.17 0.00	34.68 1.43 0.00	35.50 1.43 0.00	37.00 1.52 0.00	38.25 1.61 0.00	41.53 1.75 0.00	43.83 1.69 0.00	44.15 1.74 0.00	41.48 1.63 0.00	38.40 1.66 0.00	34.53 1.42 0.00	32.43 1.37 0.00	29.10 1.23 0.00
SHOEMAKR_138KV_BK 111 55601	28.67 1.00 0.00	26.80 0.86 0.00	25.73 0.82 0.00	24.88 0.77 0.00	25.35 0.79 0.00	26.63 0.83 0.00	32.14 1.00 0.00	33.70 1.14 0.00	33.46 1.13 0.00	33.92 1.12 0.00	33.67 1.20 0.00	33.85 1.18 0.00	34.45 1.20 0.00	35.50 1.43 0.00	37.00 1.53 0.00	38.29 1.65 0.00	41.53 1.75 0.00	43.83 1.69 0.00	44.14 1.74 0.00	41.48 1.63 0.00	38.40 1.65 0.00	34.50 1.39 0.00	32.43 1.37 0.00	29.10 1.23 0.00
SHOREHAM_IC_1 23715	35.15 1.33 -6.15	34.63 0.99 -7.69	29.03 1.00 -3.13	28.69 0.82 -3.77	28.80 0.86 -3.37	33.27 0.96 -6.51	33.58 0.56 -1.88	35.06 1.07 -1.42	35.11 1.13 -1.65	34.65 1.08 -0.77	34.15 1.69 0.00	35.31 2.22 -0.42	35.55 2.29 0.00	36.39 2.32 0.00	37.78 2.30 0.00	39.09 2.46 0.00	42.80 3.02 0.00	45.18 3.04 0.00	45.46 3.05 0.00	42.56 2.71 0.00	38.62 1.87 0.00	35.56 2.45 0.00	33.08 2.02 0.00	31.63 1.45 -2.30
SHOREHAM_IC_2 23716	35.15 1.33 -6.15	34.63 0.99 -7.69	29.03 1.00 -3.13	28.69 0.82 -3.77	28.80 0.86 -3.37	33.27 0.96 -6.51	33.58 0.56 -1.88	35.06 1.07 -1.42	35.11 1.13 -1.65	34.65 1.08 -0.77	34.15 1.69 0.00	35.31 2.22 -0.42	35.55 2.29 0.00	36.39 2.32 0.00	37.78 2.30 0.00	39.09 2.46 0.00	42.80 3.02 0.00	45.18 3.04 0.00	45.46 3.05 0.00	42.56 2.71 0.00	38.62 1.87 0.00	35.56 2.45 0.00	33.08 2.02 0.00	31.63 1.45 -2.30
SISSONVILLE____ 23735	27.39 -0.28 0.00	25.84 -0.10 0.00	24.80 -0.10 0.00	23.99 -0.12 0.00	24.42 -0.15 0.00	25.73 -0.08 0.00	31.11 -0.03 0.00	32.56 0.00 0.00	32.42 0.10 0.00	32.87 0.07 0.00	32.64 -0.06 -0.24	32.59 -0.33 -0.25	33.13 -0.40 -0.28	33.63 -0.75 -0.31	35.02 -0.82 -0.36	36.16 -0.88 -0.40	39.34 -0.95 -0.51	41.79 -0.97 -0.62	42.01 -1.02 -0.63	39.59 -0.80 -0.54	36.62 -0.55 -0.43	33.40 0.00 -0.29	31.26 0.06 -0.13	27.85 -0.03 0.00
SITHE_IND_GS1 24169	26.92 -0.75 0.00	25.22 -0.73 0.00	24.21 -0.70 0.00	23.43 -0.67 0.00	23.88 -0.69 0.00	25.08 -0.72 0.00	30.30 -0.84 0.00	31.55 -1.01 0.00	30.91 -1.13 0.28	31.41 -1.12 0.28	24.87 -1.14 6.46	24.81 -1.11 6.75	24.78 -0.93 7.54	24.74 -0.89 8.44	24.74 -0.96 9.78	24.74 -0.95 10.95	24.74 -1.07 13.97	24.17 -1.10 16.88	24.19 -1.10 17.11	24.03 -1.04 14.78	24.01 -1.03 11.71	24.10 -1.06 7.95	26.45 -1.02 3.59	27.01 -0.86 0.00
SITHE_IND_GS2 24170	26.92 -0.75 0.00	25.22 -0.73 0.00	24.21 -0.70 0.00	23.43 -0.67 0.00	23.88 -0.69 0.00	25.08 -0.72 0.00	30.30 -0.84 0.00	31.55 -1.01 0.00	30.91 -1.13 0.28	31.41 -1.12 0.28	24.87 -1.14 6.46	24.81 -1.11 6.75	24.78 -0.93 7.54	24.74 -0.89 8.44	24.74 -0.96 9.78	24.74 -0.95 10.95	24.74 -1.07 13.97	24.17 -1.10 16.88	24.19 -1.10 17.11	24.03 -1.04 14.78	24.01 -1.03 11.71	24.10 -1.06 7.95	26.45 -1.02 3.59	27.01 -0.86 0.00
SITHE_IND_GS3 24171	26.92 -0.75 0.00	25.22 -0.73 0.00	24.21 -0.70 0.00	23.43 -0.67 0.00	23.88 -0.69 0.00	25.08 -0.72 0.00	30.30 -0.84 0.00	31.55 -1.01 0.00	30.91 -1.13 0.28	31.41 -1.12 0.28	24.87 -1.14 6.46	24.81 -1.11 6.75	24.78 -0.93 7.54	24.74 -0.89 8.44	24.74 -0.96 9.78	24.74 -0.95 10.95	24.74 -1.07 13.97	24.17 -1.10 16.88	24.19 -1.10 17.11	24.03 -1.04 14.78	24.01 -1.03 11.71	24.10 -1.06 7.95	26.45 -1.02 3.59	27.01 -0.86 0.00
SITHE_IND_GS4 24172	26.92 -0.75 0.00	25.22 -0.73 0.00	24.21 -0.70 0.00	23.43 -0.67 0.00	23.88 -0.69 0.00	25.08 -0.72 0.00	30.30 -0.84 0.00	31.55 -1.01 0.00	30.91 -1.13 0.28	31.41 -1.12 0.28	24.87 -1.14 6.46	24.81 -1.11 6.75	24.78 -0.93 7.54	24.74 -0.89 8.44	24.74 -0.96 9.78	24.74 -0.95 10.95	24.74 -1.07 13.97	24.17 -1.10 16.88	24.19 -1.10 17.11	24.03 -1.04 14.78	24.01 -1.03 11.71	24.10 -1.06 7.95	26.45 -1.02 3.59	27.01 -0.86 0.00

SITHE___BATAVIA 24024	27.31 -0.36 0.00	25.40 -0.55 0.00	24.36 -0.55 0.00	23.43 -0.67 0.00	23.83 -0.74 0.00	25.31 -0.49 0.00	30.39 -0.75 0.00	31.72 -0.85 0.00	30.90 -1.39 0.04	31.75 -1.02 0.04	31.98 -0.49 0.00	32.25 -0.43 0.00	34.02 0.77 0.00	35.26 1.19 0.00	36.33 0.85 0.00	37.66 1.02 0.00	40.85 1.07 0.00	43.37 1.22 0.00	43.47 1.06 0.00	40.80 0.95 0.00	36.89 0.15 0.00	32.65 -0.46 0.00	30.66 -0.40 0.00	27.68 -0.19 0.00
SITHE___INDEPEND 23800	26.92 -0.75 0.00	25.22 -0.73 0.00	24.21 -0.70 0.00	23.43 -0.68 0.00	23.88 -0.69 0.00	25.08 -0.72 0.00	30.30 -0.84 0.00	31.55 -1.01 0.00	30.91 -1.13 0.28	31.38 -1.15 0.28	24.84 -1.17 6.46	24.81 -1.11 6.75	24.65 -1.06 7.54	24.74 -0.89 8.44	24.74 -0.96 9.78	24.70 -0.99 10.95	24.74 -1.07 13.97	24.17 -1.10 16.88	24.19 -1.10 17.11	24.03 -1.04 14.78	23.97 -1.07 11.71	24.10 -1.06 7.95	26.45 -1.03 3.59	27.01 -0.86 0.00
SITHE___MASSENA 23902	27.56 -0.11 0.00	26.00 0.05 0.00	24.98 0.07 0.00	24.16 0.05 0.00	24.59 0.02 0.00	25.86 0.05 0.00	31.20 0.06 0.00	32.63 0.07 0.00	32.55 0.23 0.00	32.90 0.10 0.00	32.63 0.16 0.00	32.71 0.03 0.00	32.92 -0.33 0.00	33.73 -0.34 0.00	35.12 -0.35 0.00	36.20 -0.44 0.00	39.38 -0.40 0.00	41.72 -0.42 0.00	41.94 -0.47 0.00	39.37 -0.48 0.00	36.38 -0.37 0.00	32.98 -0.13 0.00	30.97 -0.09 0.00	27.74 -0.14 0.00
SITHE___OGDNSBRG 24021	27.84 0.17 0.00	26.29 0.34 0.00	25.23 0.32 0.00	24.37 0.27 0.00	24.81 0.25 0.00	26.14 0.34 0.00	31.64 0.50 0.00	33.08 0.52 0.00	32.94 0.61 0.00	33.36 0.56 0.00	33.04 0.39 -0.19	33.10 0.23 -0.20	33.64 0.17 -0.22	34.07 -0.24 -0.24	35.51 -0.25 -0.28	36.66 -0.29 -0.32	39.94 -0.24 -0.40	42.46 -0.17 -0.49	42.77 -0.13 -0.49	40.27 0.00 -0.43	37.20 0.11 -0.34	33.80 0.46 -0.23	31.54 0.37 -0.10	28.13 0.25 0.00
SITHE___STERLING 23777	28.55 0.89 0.00	26.75 0.81 0.00	25.63 0.72 0.00	24.76 0.65 0.00	25.25 0.69 0.00	26.63 0.83 0.00	32.23 1.09 0.00	33.70 1.14 0.00	33.16 0.84 0.01	33.68 0.89 -0.41	33.68 0.81 -0.42	33.95 0.85 -0.47	34.76 1.03 -0.53	35.69 1.09 -0.61	37.23 1.14 -0.61	38.50 1.17 -0.69	41.93 1.27 -0.88	44.64 1.43 -1.06	45.05 1.57 -1.07	42.35 1.60 -0.91	38.87 1.40 -0.72	34.73 1.13 -0.49	32.25 0.96 -0.22	28.69 0.81 0.00
SLEIGHT__34_KV_TB1 80719	27.09 -0.58 0.00	25.33 -0.62 0.00	24.28 -0.62 0.00	23.41 -0.70 0.00	23.86 -0.71 0.00	25.21 -0.59 0.00	30.42 -0.72 0.00	31.85 -0.72 0.00	31.32 -0.97 0.03	31.92 -0.85 0.03	31.93 -0.81 -0.28	32.31 -0.65 -0.29	33.22 -0.37 -0.33	34.60 0.17 -0.37	35.94 0.04 -0.42	37.15 0.04 -0.47	40.41 0.04 -0.59	43.07 0.21 -0.71	43.21 0.08 -0.72	40.53 0.04 -0.65	36.97 -0.29 -0.52	32.80 -0.66 -0.35	30.60 -0.62 -0.16	27.32 -0.56 0.00
SOUTH CAIRO___GT 23612	29.16 1.49 0.00	27.40 1.45 0.00	26.22 1.32 0.00	25.36 1.25 0.00	25.85 1.28 0.00	27.17 1.37 0.00	32.82 1.68 0.00	34.19 1.63 0.00	33.81 1.49 0.00	33.92 1.12 0.00	33.34 0.88 0.00	33.39 0.72 0.00	33.99 0.73 0.00	35.06 0.99 0.00	36.69 1.21 0.00	37.99 1.36 0.00	41.41 1.63 0.00	44.25 2.11 0.00	44.74 2.33 0.00	42.04 2.19 0.00	38.80 2.06 0.00	34.80 1.69 0.00	32.80 1.74 0.00	29.33 1.45 0.00
SOUTH HAMPTN___IC 23720	35.29 1.47 -6.15	34.76 1.11 -7.69	29.15 1.12 -3.13	28.84 0.97 -3.77	28.97 1.03 -3.37	33.43 1.11 -6.51	33.77 0.75 -1.88	35.22 1.24 -1.42	35.34 1.36 -1.65	34.89 1.31 -0.77	34.48 2.01 0.00	35.67 2.58 -0.42	35.92 2.66 0.00	36.76 2.69 0.00	38.14 2.66 0.00	39.50 2.86 0.00	43.24 3.46 0.00	45.60 3.46 0.00	45.88 3.48 0.00	42.91 3.07 0.00	38.91 2.17 0.00	35.83 2.72 0.00	33.24 2.17 0.00	31.77 1.59 -2.30
SOUTHDOW_115KV_TB1 355954	28.61 0.94 0.00	26.47 0.52 0.00	25.45 0.55 0.00	24.54 0.43 0.00	24.99 0.42 0.00	26.60 0.80 0.00	32.14 1.00 0.00	33.61 1.04 0.00	31.91 -0.39 0.03	33.16 0.39 0.03	33.70 1.23 0.00	34.21 1.54 0.00	35.52 2.26 0.00	37.51 3.44 0.00	38.60 3.12 0.00	39.64 3.00 0.00	43.56 3.78 0.00	46.02 3.88 0.00	46.01 3.60 0.00	43.11 3.27 0.00	38.80 2.06 0.00	34.30 1.19 0.00	32.15 1.09 0.00	29.10 1.23 0.00
SOUTHOLD_69_KV_BK 2 55809	35.12 1.30 -6.15	34.60 0.96 -7.69	29.00 0.97 -3.13	28.74 0.87 -3.77	28.85 0.91 -3.37	33.38 1.06 -6.51	33.64 0.62 -1.88	35.06 1.07 -1.42	35.21 1.23 -1.65	34.59 1.02 -0.77	34.54 2.08 0.00	35.41 2.32 -0.42	35.18 1.93 0.00	36.79 2.73 0.00	38.03 2.55 0.00	39.94 3.30 0.00	43.36 3.58 0.00	45.73 3.58 0.00	45.93 3.52 0.00	42.99 3.15 0.00	38.95 2.20 0.00	35.63 2.52 0.00	32.21 1.15 0.00	31.60 1.42 -2.30
SOUTHOLD___IC 23719	35.12 1.30 -6.15	34.60 0.96 -7.69	29.00 0.97 -3.13	28.74 0.87 -3.77	28.90 0.96 -3.37	33.38 1.06 -6.51	33.64 0.62 -1.88	35.06 1.07 -1.42	35.18 1.20 -1.65	34.75 1.18 -0.77	34.51 2.05 0.00	35.71 2.61 -0.42	35.92 2.66 0.00	36.79 2.73 0.00	38.17 2.70 0.00	39.53 2.89 0.00	43.36 3.58 0.00	45.73 3.58 0.00	45.92 3.52 0.00	42.99 3.15 0.00	38.91 2.17 0.00	35.83 2.72 0.00	33.08 2.02 0.00	31.60 1.42 -2.30
SOUTH_FORK_WT_PWR 323839	34.68 0.86 -6.15	34.21 0.57 -7.69	28.63 0.60 -3.13	28.43 0.55 -3.77	28.60 0.66 -3.37	33.04 0.72 -6.51	33.18 0.16 -1.88	34.57 0.59 -1.42	34.72 0.74 -1.65	34.29 0.72 -0.77	34.02 1.56 0.00	35.25 2.16 -0.42	35.42 2.16 0.00	36.28 2.21 0.00	37.64 2.16 0.00	38.98 2.35 0.00	42.76 2.98 0.00	45.09 2.95 0.00	45.29 2.89 0.00	42.36 2.51 0.00	38.33 1.58 0.00	35.33 2.22 0.00	32.59 1.52 0.00	31.16 0.98 -2.30
SPIERFLS_115KV_TB 1 80737	29.50 1.83 0.00	27.76 1.82 0.00	26.55 1.64 0.00	25.70 1.59 0.00	26.19 1.62 0.00	27.53 1.73 0.00	33.32 2.18 0.00	34.84 2.28 0.00	34.56 2.23 0.00	34.94 2.13 0.00	34.48 2.01 0.00	34.67 1.99 0.00	35.22 1.96 0.00	36.25 2.18 0.00	37.82 2.34 0.00	39.09 2.45 0.00	42.56 2.78 0.00	45.35 3.20 0.00	45.67 3.27 0.00	42.91 3.07 0.00	39.65 2.90 0.00	35.56 2.45 0.00	33.36 2.30 0.00	29.80 1.92 0.00
ST LAWRENCE____ 23600	27.31 -0.36 0.00	25.74 -0.21 0.00	24.70 -0.20 0.00	23.91 -0.19 0.00	24.35 -0.22 0.00	25.60 -0.21 0.00	30.86 -0.28 0.00	32.27 -0.29 0.00	32.20 -0.13 0.00	32.58 -0.23 0.00	32.30 -0.16 0.00	32.45 -0.23 0.00	32.62 -0.63 0.00	33.42 -0.65 0.00	34.80 -0.68 0.00	35.91 -0.73 0.00	39.06 -0.71 0.00	41.34 -0.80 0.00	41.56 -0.85 0.00	39.01 -0.84 0.00	36.01 -0.73 0.00	32.58 -0.53 0.00	30.57 -0.50 0.00	27.40 -0.47 0.00
STATE_CA_115KV_115_LB 55624	28.31 0.64 0.00	26.60 0.65 0.00	25.48 0.57 0.00	24.66 0.55 0.00	25.16 0.59 0.00	26.42 0.62 0.00	31.92 0.78 0.00	33.44 0.88 0.00	33.13 0.81 0.00	33.53 0.72 0.00	33.18 0.71 0.00	33.36 0.69 0.00	33.85 0.60 0.00	34.85 0.78 0.00	36.37 0.89 0.00	37.55 0.92 0.00	40.77 0.99 0.00	43.24 1.10 0.00	43.55 1.14 0.00	40.92 1.08 0.00	37.85 1.10 0.00	34.04 0.93 0.00	31.97 0.90 0.00	28.63 0.75 0.00

STATE_ST_34_KV_LOAD 55959	27.59 -0.08 0.00	25.82 -0.13 0.00	24.75 -0.15 0.00	23.94 -0.17 0.00	24.40 -0.17 0.00	25.70 -0.10 0.00	31.11 -0.03 0.00	32.56 0.00 0.00	32.00 -0.32 0.00	32.54 -0.26 0.00	33.33 -0.26 -1.12	33.69 -0.16 -1.18	34.57 0.00 -1.31	35.91 0.37 -1.47	37.54 0.35 -1.70	38.87 0.33 -1.91	42.52 0.32 -2.42	45.62 0.55 -2.93	45.88 0.51 -2.97	42.86 0.44 -2.58	39.01 0.22 -2.04	34.46 -0.03 -1.39	31.63 -0.06 -0.63	27.79 -0.08 0.00
STATION 5_MISC_HYD 23604	27.06 -0.61 0.00	25.22 -0.73 0.00	24.18 -0.72 0.00	23.31 -0.79 0.00	23.73 -0.84 0.00	25.11 -0.70 0.00	30.18 -0.97 0.00	31.52 -1.04 0.00	31.06 -1.23 0.04	31.68 -1.08 0.04	31.69 -0.78 0.00	31.95 -0.72 0.00	33.39 0.13 0.00	34.51 0.44 0.00	35.69 0.21 0.00	36.97 0.33 0.00	40.02 0.24 0.00	42.48 0.34 0.00	42.62 0.21 0.00	40.00 0.16 0.00	36.45 -0.30 0.00	32.38 -0.73 0.00	30.38 -0.68 0.00	27.35 -0.53 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	27.45 -0.22 0.00	25.64 -0.31 0.00	24.58 -0.32 0.00	23.70 -0.41 0.00	24.15 -0.42 0.00	25.55 -0.26 0.00	30.83 -0.31 0.00	32.27 -0.29 0.00	31.68 -0.61 0.03	32.31 -0.46 0.03	32.36 -0.39 -0.29	32.78 -0.20 -0.30	33.72 0.13 -0.34	35.19 0.75 -0.38	36.52 0.60 -0.44	37.71 0.59 -0.49	41.05 0.68 -0.60	43.75 0.89 -0.72	43.94 0.81 -0.73	41.22 0.72 -0.66	37.49 0.22 -0.52	33.30 -0.17 -0.35	31.01 -0.22 -0.16	27.71 -0.17 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	26.92 -0.75 0.00	25.14 -0.80 0.00	24.11 -0.80 0.00	23.24 -0.87 0.00	23.66 -0.91 0.00	25.03 -0.77 0.00	30.11 -1.03 0.00	31.46 -1.11 0.00	30.99 -1.29 0.04	31.65 -1.12 0.04	31.46 -1.01 0.00	31.82 -0.85 0.00	32.82 -0.43 0.00	34.31 0.24 0.00	35.48 0.00 0.00	36.60 -0.04 0.00	39.82 0.04 0.00	42.27 0.13 0.00	42.45 0.04 0.00	39.84 0.00 0.00	36.27 -0.48 0.00	32.25 -0.86 0.00	30.26 -0.81 0.00	27.24 -0.64 0.00
STA_56___34_KV_BUS2 355983	26.92 -0.75 0.00	25.14 -0.80 0.00	24.11 -0.80 0.00	23.24 -0.87 0.00	23.66 -0.91 0.00	25.03 -0.77 0.00	30.11 -1.03 0.00	31.46 -1.11 0.00	30.99 -1.29 0.04	31.65 -1.12 0.04	31.46 -1.01 0.00	31.82 -0.85 0.00	32.82 -0.43 0.00	34.31 0.24 0.00	35.48 0.00 0.00	36.60 -0.04 0.00	39.82 0.04 0.00	42.27 0.13 0.00	42.45 0.04 0.00	39.84 0.00 0.00	36.27 -0.48 0.00	32.25 -0.86 0.00	30.26 -0.81 0.00	27.24 -0.64 0.00
STA_67___115KV_BK2 355882	26.98 -0.69 0.00	25.17 -0.78 0.00	24.13 -0.77 0.00	23.26 -0.84 0.00	23.68 -0.88 0.00	25.06 -0.75 0.00	30.14 -1.00 0.00	31.46 -1.11 0.00	30.96 -1.33 0.04	31.61 -1.15 0.04	31.46 -1.01 0.00	31.86 -0.82 0.00	32.89 -0.37 0.00	34.41 0.34 0.00	35.59 0.11 0.00	36.67 0.04 0.00	39.90 0.12 0.00	42.36 0.21 0.00	42.53 0.13 0.00	39.92 0.08 0.00	36.31 -0.44 0.00	32.28 -0.83 0.00	30.29 -0.78 0.00	27.29 -0.59 0.00
STA_7___115KV_9TRANS 80674	27.14 -0.53 0.00	25.33 -0.62 0.00	24.28 -0.62 0.00	23.38 -0.72 0.00	23.81 -0.76 0.00	25.21 -0.59 0.00	30.30 -0.84 0.00	31.68 -0.88 0.00	31.19 -1.10 0.04	31.84 -0.92 0.04	31.69 -0.78 0.00	32.12 -0.56 0.00	33.16 -0.10 0.00	34.68 0.61 0.00	35.87 0.39 0.00	37.00 0.37 0.00	40.26 0.48 0.00	42.74 0.59 0.00	42.91 0.51 0.00	40.28 0.44 0.00	36.64 -0.11 0.00	32.55 -0.56 0.00	30.51 -0.56 0.00	27.46 -0.42 0.00
STA_82___115KV_TB1 80780	27.01 -0.66 0.00	25.20 -0.75 0.00	24.16 -0.75 0.00	23.26 -0.84 0.00	23.68 -0.88 0.00	25.08 -0.72 0.00	30.14 -1.00 0.00	31.46 -1.11 0.00	30.99 -1.29 0.04	31.65 -1.12 0.04	31.49 -0.97 0.00	31.89 -0.78 0.00	32.92 -0.33 0.00	34.41 0.34 0.00	35.59 0.11 0.00	36.71 0.07 0.00	39.94 0.16 0.00	42.40 0.25 0.00	42.53 0.13 0.00	39.92 0.08 0.00	36.34 -0.40 0.00	32.32 -0.79 0.00	30.32 -0.75 0.00	27.32 -0.56 0.00
STEEL___WIND 323596	27.34 -0.33 0.00	25.38 -0.57 0.00	24.36 -0.55 0.00	23.48 -0.63 0.00	23.88 -0.69 0.00	25.34 -0.46 0.00	30.43 -0.71 0.00	31.59 -0.98 0.00	30.35 -1.94 0.04	31.46 -1.31 0.04	31.98 -0.49 0.00	32.25 -0.43 0.00	34.12 0.86 0.00	35.36 1.29 0.00	36.40 0.92 0.00	37.66 1.02 0.00	40.94 1.15 0.00	43.28 1.14 0.00	43.30 0.89 0.00	40.64 0.80 0.00	36.71 -0.04 0.00	32.48 -0.63 0.00	30.63 -0.43 0.00	27.79 -0.08 0.00
STEPHTWN_115KV_BK_2 55603	28.50 0.83 0.00	26.78 0.83 0.00	25.63 0.72 0.00	24.81 0.70 0.00	25.33 0.76 0.00	26.60 0.80 0.00	32.17 1.03 0.00	33.70 1.14 0.00	33.36 1.03 0.00	33.79 0.98 0.00	33.37 0.91 0.00	33.56 0.88 0.00	34.05 0.80 0.00	35.09 1.02 0.00	36.61 1.14 0.00	37.85 1.21 0.00	41.09 1.31 0.00	43.62 1.48 0.00	43.97 1.57 0.00	41.32 1.47 0.00	38.18 1.43 0.00	34.34 1.23 0.00	32.25 1.18 0.00	28.85 0.98 0.00
STEUBEN_REC_LFGE 323667	29.41 1.74 0.00	27.32 1.38 0.00	26.22 1.32 0.00	25.26 1.16 0.00	25.75 1.18 0.00	27.43 1.63 0.00	33.26 2.12 0.00	34.94 2.38 0.00	33.08 0.78 0.02	34.09 1.31 0.02	34.61 1.79 -0.36	35.07 2.03 -0.37	36.26 2.59 -0.42	38.21 3.68 -0.46	39.67 3.65 -0.54	40.90 3.66 -0.60	44.69 4.18 -0.74	47.84 4.80 -0.89	47.85 4.54 -0.90	44.69 4.02 -0.82	40.45 3.05 -0.65	35.61 2.05 -0.44	33.04 1.77 -0.20	29.55 1.67 0.00
STILLWATER___SOLAR 323814	29.19 1.52 0.00	27.48 1.53 0.00	26.27 1.37 0.00	25.43 1.33 0.00	25.94 1.37 0.00	27.25 1.44 0.00	32.91 1.77 0.00	34.42 1.86 0.00	34.14 1.81 0.00	34.57 1.77 0.00	34.06 1.59 0.00	34.27 1.60 0.00	35.05 1.79 0.00	35.84 1.77 0.00	37.39 1.91 0.00	38.61 1.98 0.00	42.00 2.23 0.00	44.67 2.53 0.00	45.04 2.63 0.00	42.32 2.47 0.00	39.10 2.35 0.00	35.16 2.05 0.00	32.96 1.90 0.00	29.49 1.62 0.00
STONY___BROOK 24151	35.70 1.88 -6.15	35.17 1.53 -7.69	29.50 1.47 -3.13	29.20 1.33 -3.77	29.29 1.35 -3.37	33.79 1.47 -6.51	34.33 1.31 -1.88	35.74 1.76 -1.42	35.82 1.84 -1.65	35.41 1.84 -0.77	34.74 2.27 0.00	35.84 2.74 -0.42	36.12 2.86 0.00	37.00 2.93 0.00	38.39 2.91 0.00	39.72 3.08 0.00	43.44 3.66 0.00	45.81 3.66 0.00	46.05 3.65 0.00	43.15 3.31 0.00	39.28 2.53 0.00	36.09 2.98 0.00	33.67 2.61 0.00	32.25 2.06 -2.30
STURGEON_POOL_HYD 23609	28.86 1.19 0.00	26.93 0.99 0.00	25.85 0.95 0.00	25.02 0.92 0.00	25.50 0.93 0.00	26.76 0.95 0.00	32.23 1.09 0.00	33.83 1.27 0.00	33.65 1.33 0.00	34.15 1.34 0.00	33.93 1.46 0.00	34.11 1.44 0.00	34.72 1.46 0.00	35.80 1.74 0.00	37.32 1.84 0.00	38.58 1.94 0.00	41.81 2.03 0.00	44.00 1.85 0.00	44.31 1.91 0.00	41.60 1.75 0.00	38.62 1.87 0.00	34.70 1.59 0.00	32.65 1.58 0.00	29.33 1.45 0.00
ST_LAW_115_BK7_LBMP 345037	27.28 -0.39 0.00	25.71 -0.23 0.00	24.70 -0.20 0.00	23.89 -0.22 0.00	24.35 -0.22 0.00	25.57 -0.23 0.00	30.86 -0.28 0.00	32.27 -0.29 0.00	32.20 -0.13 0.00	32.58 -0.23 0.00	32.30 -0.16 0.00	32.41 -0.26 0.00	32.59 -0.66 0.00	33.39 -0.68 0.00	34.77 -0.71 0.00	35.87 -0.77 0.00	39.02 -0.76 0.00	41.30 -0.84 0.00	41.51 -0.89 0.00	38.97 -0.88 0.00	35.97 -0.77 0.00	32.58 -0.53 0.00	30.57 -0.50 0.00	27.40 -0.47 0.00

ST_LAW_115_BK8_LBMP 345038	27.28 -0.39 0.00	25.71 -0.23 0.00	24.70 -0.20 0.00	23.89 -0.22 0.00	24.35 -0.22 0.00	25.57 -0.23 0.00	30.86 -0.28 0.00	32.27 -0.29 0.00	32.20 -0.13 0.00	32.58 -0.23 0.00	32.30 -0.16 0.00	32.41 -0.26 0.00	32.59 -0.66 0.00	33.39 -0.68 0.00	34.77 -0.71 0.00	35.87 -0.77 0.00	39.02 -0.76 0.00	41.30 -0.84 0.00	41.51 -0.89 0.00	38.97 -0.88 0.00	35.97 -0.77 0.00	32.58 -0.53 0.00	30.57 -0.50 0.00	27.40 -0.47 0.00
ST_LAW_230_BK5_LBMP 345035	27.31 -0.36 0.00	25.74 -0.21 0.00	24.70 -0.20 0.00	23.91 -0.19 0.00	24.35 -0.22 0.00	25.60 -0.21 0.00	30.86 -0.28 0.00	32.27 -0.29 0.00	32.20 -0.13 0.00	32.58 -0.23 0.00	32.30 -0.16 0.00	32.45 -0.23 0.00	32.62 -0.63 0.00	33.42 -0.65 0.00	34.80 -0.68 0.00	35.91 -0.73 0.00	39.06 -0.71 0.00	41.34 -0.80 0.00	41.56 -0.85 0.00	39.01 -0.84 0.00	36.01 -0.73 0.00	32.58 -0.53 0.00	30.57 -0.50 0.00	27.40 -0.47 0.00
ST_LAW_230_BK6_LBMP 345036	27.31 -0.36 0.00	25.74 -0.21 0.00	24.70 -0.20 0.00	23.91 -0.19 0.00	24.35 -0.22 0.00	25.60 -0.21 0.00	30.86 -0.28 0.00	32.27 -0.29 0.00	32.20 -0.13 0.00	32.58 -0.23 0.00	32.30 -0.16 0.00	32.45 -0.23 0.00	32.62 -0.63 0.00	33.42 -0.65 0.00	34.80 -0.68 0.00	35.91 -0.73 0.00	39.06 -0.71 0.00	41.34 -0.80 0.00	41.56 -0.85 0.00	39.01 -0.84 0.00	36.01 -0.73 0.00	32.58 -0.53 0.00	30.57 -0.50 0.00	27.40 -0.47 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	28.78 1.11 0.00	26.91 0.96 0.00	25.80 0.90 0.00	24.95 0.84 0.00	25.43 0.86 0.00	26.73 0.93 0.00	32.26 1.12 0.00	33.83 1.27 0.00	33.62 1.29 0.00	34.12 1.31 0.00	33.86 1.40 0.00	34.05 1.37 0.00	34.62 1.36 0.00	35.70 1.64 0.00	37.22 1.74 0.00	38.51 1.87 0.00	41.77 1.99 0.00	44.04 1.90 0.00	44.36 1.95 0.00	41.64 1.79 0.00	38.62 1.87 0.00	34.67 1.56 0.00	32.59 1.52 0.00	29.24 1.37 0.00
SWANROAD_115KV_TB1 355699	26.18 -1.49 0.00	24.34 -1.61 0.00	23.36 -1.54 0.00	22.52 -1.59 0.00	22.90 -1.67 0.00	24.26 -1.55 0.00	29.05 -2.09 0.00	30.06 -2.51 0.00	29.28 -3.01 0.04	30.14 -2.62 0.04	30.29 -2.18 0.00	30.75 -1.93 0.00	31.99 -1.26 0.00	33.69 -0.37 0.00	34.70 -0.78 0.00	35.65 -0.99 0.00	38.98 -0.80 0.01	41.22 -0.93 0.00	41.22 -1.06 0.00	38.73 -1.12 0.00	34.98 -1.76 0.00	30.96 -2.15 0.00	29.23 -1.83 0.00	26.60 -1.28 0.00
SYNERGY___BIOGAS 323694	27.31 -0.36 0.00	25.40 -0.55 0.00	24.36 -0.55 0.00	23.43 -0.67 0.00	23.83 -0.74 0.00	25.31 -0.49 0.00	30.39 -0.75 0.00	31.72 -0.85 0.00	30.90 -1.39 0.04	31.75 -1.02 0.04	31.98 -0.49 0.00	32.25 -0.43 0.00	34.02 0.77 0.00	35.26 1.19 0.00	36.33 0.85 0.00	37.66 1.02 0.00	40.85 1.07 0.00	43.37 1.22 0.00	43.47 1.06 0.00	40.80 0.95 0.00	36.89 0.15 0.00	32.65 -0.46 0.00	30.66 -0.40 0.00	27.68 -0.19 0.00
SYRACUSE___ENERGY_ST1 323597	27.56 -0.11 0.00	25.82 -0.13 0.00	24.75 -0.15 0.00	23.94 -0.17 0.00	24.40 -0.17 0.00	25.68 -0.13 0.00	31.05 -0.09 0.00	32.43 -0.13 0.00	31.94 -0.39 0.00	32.44 -0.36 0.00	33.34 -0.39 -1.26	33.70 -0.29 -1.32	34.53 -0.20 -1.47	35.78 0.07 -1.65	37.46 0.07 -1.91	38.85 0.07 -2.14	42.50 0.00 -2.72	45.56 0.13 -3.29	45.87 0.13 -3.34	42.85 0.12 -2.89	39.03 0.00 -2.29	34.46 -0.20 -1.55	31.58 -0.19 -0.70	27.71 -0.17 0.00
SYRACUSE___ENERGY_ST2 323598	27.56 -0.11 0.00	25.82 -0.13 0.00	24.75 -0.15 0.00	23.94 -0.17 0.00	24.40 -0.17 0.00	25.68 -0.13 0.00	31.05 -0.09 0.00	32.43 -0.13 0.00	31.94 -0.39 0.00	32.44 -0.36 0.00	33.34 -0.39 -1.26	33.70 -0.29 -1.32	34.53 -0.20 -1.47	35.78 0.07 -1.65	37.46 0.07 -1.91	38.85 0.07 -2.14	42.50 0.00 -2.72	45.56 0.13 -3.29	45.87 0.13 -3.34	42.85 0.12 -2.89	39.03 0.00 -2.29	34.46 -0.20 -1.55	31.58 -0.19 -0.70	27.71 -0.17 0.00
SYRACUSE___POWER 24017	27.56 -0.11 0.00	25.79 -0.16 0.00	24.75 -0.15 0.00	23.94 -0.17 0.00	24.40 -0.17 0.00	25.68 -0.13 0.00	31.05 -0.09 0.00	32.43 -0.13 0.00	31.93 -0.39 0.01	32.43 -0.36 0.01	32.94 -0.36 -0.83	33.25 -0.29 -0.87	34.03 -0.20 -0.98	35.23 0.07 -1.09	36.81 0.07 -1.26	38.13 0.07 -1.41	41.62 0.04 -1.80	44.45 0.13 -2.18	44.74 0.13 -2.21	41.86 0.12 -1.89	38.24 0.00 -1.50	33.93 -0.20 -1.02	31.34 -0.19 -0.46	27.71 -0.17 0.00
TALLMAN___138KV_BK151 55660	28.91 1.25 0.00	27.01 1.06 0.00	25.87 0.97 0.00	25.02 0.92 0.00	25.53 0.96 0.00	26.84 1.03 0.00	32.39 1.25 0.00	34.03 1.47 0.00	33.81 1.49 0.00	34.31 1.51 0.00	34.12 1.66 0.00	34.31 1.63 0.00	34.88 1.63 0.00	35.98 1.91 0.00	37.47 1.99 0.00	38.76 2.12 0.00	42.05 2.27 0.00	44.34 2.19 0.00	44.65 2.25 0.00	41.88 2.03 0.00	38.84 2.09 0.00	34.90 1.79 0.00	32.77 1.71 0.00	29.44 1.56 0.00
TEALLAVE_115KV_TB7 355573	27.48 -0.19 0.00	25.71 -0.23 0.00	24.68 -0.22 0.00	23.87 -0.24 0.00	24.32 -0.25 0.00	25.60 -0.21 0.00	30.92 -0.22 0.00	32.30 -0.26 0.00	31.82 -0.48 0.02	32.33 -0.46 0.02	32.68 -0.49 -0.70	32.98 -0.42 -0.73	33.78 -0.30 -0.82	34.95 -0.03 -0.92	36.47 -0.07 -1.06	37.75 -0.07 -1.19	41.18 -0.12 -1.52	43.94 -0.04 -1.83	44.18 -0.08 -1.86	41.38 -0.04 -1.58	37.81 -0.18 -1.25	33.63 -0.33 -0.85	31.11 -0.34 -0.38	27.60 -0.28 0.00
TELGRAPH_34_KV_EAST 80808	26.89 -0.77 0.00	25.01 -0.93 0.00	24.01 -0.90 0.00	23.12 -0.99 0.00	23.51 -1.06 0.00	24.95 -0.85 0.00	29.89 -1.25 0.00	31.10 -1.47 0.00	30.28 -2.00 0.04	31.16 -1.61 0.04	31.23 -1.23 0.00	31.73 -0.95 0.00	32.96 -0.30 0.00	34.75 0.68 0.00	35.76 0.28 0.00	36.82 0.18 0.00	40.21 0.44 0.00	42.61 0.46 0.00	42.66 0.25 0.00	40.04 0.20 0.00	36.16 -0.59 0.00	31.98 -1.13 0.00	30.13 -0.93 0.00	27.32 -0.56 0.00
TEMPLE___115KV_TB 2 55572	27.48 -0.19 0.00	25.71 -0.23 0.00	24.68 -0.22 0.00	23.87 -0.24 0.00	24.32 -0.25 0.00	25.60 -0.21 0.00	30.95 -0.19 0.00	32.34 -0.23 0.00	31.82 -0.48 0.02	32.33 -0.46 0.02	32.71 -0.45 -0.70	33.01 -0.39 -0.73	33.77 -0.30 -0.82	34.95 -0.03 -0.91	36.50 -0.04 -1.06	37.79 -0.04 -1.18	41.21 -0.08 -1.51	43.97 0.00 -1.83	44.21 -0.04 -1.85	41.38 -0.04 -1.57	37.84 -0.15 -1.25	33.62 -0.33 -0.85	31.14 -0.31 -0.38	27.60 -0.28 0.00
TIANA____69_KV_BK 1 55817	35.34 1.52 -6.15	34.81 1.17 -7.69	29.18 1.15 -3.13	28.89 1.01 -3.77	28.95 1.01 -3.37	33.46 1.14 -6.51	33.83 0.81 -1.88	35.29 1.30 -1.42	35.37 1.39 -1.65	34.75 1.18 -0.77	34.54 2.08 0.00	35.34 2.25 -0.42	35.15 1.90 0.00	36.76 2.69 0.00	38.03 2.55 0.00	39.90 3.26 0.00	43.28 3.50 0.00	45.64 3.50 0.00	45.88 3.48 0.00	42.95 3.11 0.00	39.02 2.28 0.00	35.69 2.58 0.00	32.40 1.34 0.00	31.83 1.64 -2.30
TILDEN___115KV_TB1 80814	27.56 -0.11 0.00	25.79 -0.16 0.00	24.75 -0.15 0.00	23.94 -0.17 0.00	24.40 -0.17 0.00	25.68 -0.13 0.00	31.05 -0.09 0.00	32.43 -0.13 0.00	31.93 -0.39 0.01	32.43 -0.36 0.01	32.94 -0.36 -0.83	33.25 -0.29 -0.87	34.03 -0.20 -0.98	35.23 0.07 -1.09	36.81 0.07 -1.26	38.13 0.07 -1.41	41.62 0.04 -1.80	44.45 0.13 -2.18	44.74 0.13 -2.21	41.86 0.12 -1.89	38.24 0.00 -1.50	33.93 -0.20 -1.02	31.34 -0.19 -0.46	27.71 -0.17 0.00

TRIGEN___CC 323695	35.79 1.96 -6.15	35.38 1.74 -7.69	29.65 1.62 -3.13	29.42 1.54 -3.77	29.51 1.57 -3.37	34.00 1.68 -6.51	35.08 2.06 -1.88	36.33 2.34 -1.42	36.37 2.39 -1.65	36.00 2.43 -0.77	34.97 2.50 0.00	35.70 2.61 -0.42	35.75 2.49 0.00	36.93 2.86 0.00	38.35 2.87 0.00	39.75 3.11 0.00	42.96 3.18 0.00	45.22 3.08 0.00	45.50 3.10 0.00	42.71 2.87 0.00	39.61 2.87 0.00	35.83 2.72 0.00	33.55 2.49 0.00	32.50 2.31 -2.30
TRINITY___115KV___4 BK 55933	28.20 0.53 0.00	26.49 0.54 0.00	25.38 0.47 0.00	24.57 0.46 0.00	25.08 0.52 0.00	26.32 0.52 0.00	31.76 0.62 0.00	33.31 0.75 0.00	32.97 0.65 0.00	33.39 0.59 0.00	33.02 0.55 0.00	33.20 0.52 0.00	33.72 0.47 0.00	34.71 0.65 0.00	36.22 0.75 0.00	37.41 0.77 0.00	40.57 0.80 0.00	42.99 0.84 0.00	43.38 0.98 0.00	40.76 0.92 0.00	37.67 0.92 0.00	33.91 0.79 0.00	31.87 0.81 0.00	28.52 0.64 0.00
UNION___PROCESSING_DRP 323587	27.01 -0.66 0.00	25.20 -0.75 0.00	24.16 -0.75 0.00	23.29 -0.82 0.00	23.71 -0.86 0.00	25.08 -0.72 0.00	30.14 -1.00 0.00	31.49 -1.07 0.00	30.99 -1.29 0.04	31.65 -1.12 0.04	31.49 -0.97 0.00	31.89 -0.78 0.00	32.92 -0.33 0.00	34.41 0.34 0.00	35.59 0.11 0.00	36.71 0.07 0.00	39.94 0.16 0.00	42.40 0.25 0.00	42.53 0.13 0.00	39.92 0.08 0.00	36.34 -0.40 0.00	32.32 -0.79 0.00	30.32 -0.75 0.00	27.32 -0.56 0.00
UPPER HUDSON___HYD 24058	29.50 1.83 0.00	27.76 1.82 0.00	26.55 1.64 0.00	25.70 1.59 0.00	26.19 1.62 0.00	27.53 1.73 0.00	33.32 2.18 0.00	34.84 2.28 0.00	34.56 2.23 0.00	35.00 2.20 0.00	34.48 2.01 0.00	34.67 1.99 0.00	35.45 2.19 0.00	36.25 2.18 0.00	37.82 2.34 0.00	39.09 2.46 0.00	42.56 2.78 0.00	45.35 3.20 0.00	45.67 3.27 0.00	42.91 3.07 0.00	39.65 2.90 0.00	35.59 2.48 0.00	33.33 2.27 0.00	29.80 1.92 0.00
UPPER RAQUET___HYD 24056	27.39 -0.28 0.00	25.84 -0.10 0.00	24.80 -0.10 0.00	23.99 -0.12 0.00	24.42 -0.15 0.00	25.73 -0.08 0.00	31.11 -0.03 0.00	32.56 0.00 0.00	32.42 0.10 0.00	32.77 -0.03 0.00	32.60 -0.10 -0.24	32.59 -0.33 -0.25	32.80 -0.73 -0.28	33.63 -0.75 -0.31	35.02 -0.81 -0.36	36.16 -0.88 -0.40	39.34 -0.96 -0.51	41.80 -0.97 -0.62	42.01 -1.02 -0.63	39.59 -0.80 -0.54	36.63 -0.55 -0.43	33.37 -0.03 -0.29	31.26 0.06 -0.13	27.85 -0.03 0.00
VALLEY44_115KV_TB2 355964	27.81 0.14 0.00	25.77 -0.18 0.00	24.75 -0.15 0.00	23.87 -0.24 0.00	24.30 -0.27 0.00	25.80 0.00 0.00	31.11 -0.03 0.00	32.37 -0.20 0.00	30.35 -1.94 0.03	31.79 -0.98 0.03	32.47 0.00 0.00	32.90 0.23 0.00	34.12 0.86 0.00	35.91 1.84 0.00	37.08 1.60 0.00	38.14 1.50 0.00	41.89 2.11 0.00	44.34 2.19 0.00	44.40 1.99 0.00	41.68 1.83 0.00	37.67 0.92 0.00	33.34 0.23 0.00	31.25 0.19 0.00	28.38 0.50 0.00
VALLEY___115KV_TB 1-4 80826	27.97 0.30 0.00	26.21 0.26 0.00	25.15 0.25 0.00	24.35 0.24 0.00	24.84 0.27 0.00	26.11 0.31 0.00	31.51 0.37 0.00	32.95 0.39 0.00	32.68 0.36 0.00	33.23 0.43 0.00	32.85 0.39 0.00	33.10 0.42 0.00	33.69 0.43 0.00	34.54 0.48 0.00	35.98 0.50 0.00	37.11 0.48 0.00	40.30 0.52 0.00	42.65 0.51 0.00	42.70 0.30 0.00	39.92 0.08 0.00	36.78 0.04 0.00	33.14 0.03 0.00	31.03 -0.03 0.00	27.82 -0.06 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	29.22 1.55 0.00	27.35 1.40 0.00	26.25 1.34 0.00	25.41 1.30 0.00	25.92 1.35 0.00	27.20 1.39 0.00	32.92 1.78 0.00	34.45 1.89 0.00	33.97 1.65 0.01	34.50 1.71 0.01	34.44 1.72 -0.25	34.70 1.76 -0.27	35.41 1.86 -0.30	36.48 2.08 -0.33	38.03 2.16 -0.38	39.34 2.27 -0.43	42.83 2.51 -0.54	45.50 2.70 -0.66	45.95 2.88 -0.66	43.19 2.79 -0.55	39.79 2.61 -0.44	35.59 2.19 -0.30	33.16 1.96 -0.13	29.61 1.73 0.00
VISCHER___FERRY HYD 24020	28.78 1.11 0.00	27.04 1.09 0.00	25.93 1.02 0.00	25.10 0.99 0.00	25.58 1.01 0.00	26.86 1.06 0.00	32.39 1.25 0.00	33.96 1.40 0.00	33.65 1.33 0.00	34.15 1.35 0.00	33.63 1.17 0.00	33.85 1.17 0.00	34.59 1.33 0.00	35.36 1.29 0.00	36.90 1.42 0.00	38.10 1.47 0.00	41.37 1.59 0.00	43.87 1.73 0.00	44.19 1.78 0.00	41.56 1.71 0.00	38.40 1.66 0.00	34.60 1.49 0.00	32.43 1.37 0.00	29.08 1.20 0.00
V_A_10_SYNC_DSASP 323832	26.45 -1.22 0.00	24.63 -1.32 0.00	23.63 -1.27 0.00	22.78 -1.33 0.00	23.17 -1.40 0.00	24.54 -1.26 0.00	29.43 -1.71 0.00	30.54 -2.02 0.00	30.06 -2.23 0.04	30.70 -2.07 0.04	30.91 -1.56 0.00	31.14 -1.54 0.00	32.82 -0.43 0.00	33.93 -0.14 0.00	34.95 -0.53 0.00	36.20 -0.44 0.00	39.22 -0.56 0.00	41.55 -0.59 0.00	41.60 -0.81 0.00	39.09 -0.76 0.00	35.50 -1.25 0.00	31.49 -1.62 0.00	29.67 -1.40 0.00	26.82 -1.06 0.00
V_CMM_10_SYNC_DSASP 323787	27.45 -0.22 0.00	25.87 -0.08 0.00	24.83 -0.07 0.00	24.04 -0.07 0.00	24.47 -0.10 0.00	25.73 -0.08 0.00	31.05 -0.09 0.00	32.43 -0.13 0.00	32.39 0.06 0.00	32.74 -0.07 0.00	32.47 0.00 0.00	32.61 -0.07 0.00	32.79 -0.47 0.00	33.59 -0.48 0.00	34.98 -0.50 0.00	36.09 -0.55 0.00	39.26 -0.52 0.00	41.60 -0.55 0.00	41.77 -0.63 0.00	39.21 -0.64 0.00	36.16 -0.59 0.00	32.78 -0.33 0.00	30.75 -0.31 0.00	27.54 -0.33 0.00
V_CMP_10_SYNC_DSASP 323788	28.42 0.75 0.00	26.86 0.91 0.00	25.83 0.92 0.00	24.97 0.87 0.00	25.43 0.86 0.00	26.76 0.96 0.00	32.39 1.25 0.00	33.87 1.30 0.00	33.72 1.39 0.00	34.18 1.38 0.00	33.89 1.43 0.00	33.92 1.24 0.00	34.12 0.86 0.00	35.06 0.99 0.00	36.44 0.96 0.00	37.52 0.88 0.00	41.05 1.27 0.00	43.53 1.39 0.00	43.55 1.15 0.00	40.64 0.80 0.00	37.41 0.66 0.00	33.81 0.70 0.00	31.59 0.53 0.00	28.21 0.34 0.00
V_D_10_SYNC_DSASP 323841	27.56 -0.11 0.00	26.00 0.05 0.00	24.98 0.07 0.00	24.16 0.05 0.00	24.59 0.02 0.00	25.86 0.05 0.00	31.20 0.06 0.00	32.63 0.07 0.00	32.55 0.23 0.00	32.90 0.10 0.00	32.63 0.16 0.00	32.71 0.03 0.00	32.92 -0.33 0.00	33.73 -0.34 0.00	35.12 -0.35 0.00	36.20 -0.44 0.00	39.42 -0.36 0.00	41.76 -0.38 0.00	41.94 -0.47 0.00	39.37 -0.48 0.00	36.38 -0.37 0.00	32.98 -0.13 0.00	30.94 -0.12 0.00	27.74 -0.14 0.00
V_E_10_SYNC_DSASP 323830	30.27 2.60 0.00	28.26 2.31 0.00	27.02 2.12 0.00	26.08 1.98 0.00	26.63 2.06 0.00	28.23 2.42 0.00	34.32 3.18 0.00	35.89 3.32 0.00	34.81 2.49 0.01	35.39 2.59 0.01	35.32 2.37 -0.48	35.59 2.42 -0.50	36.71 2.89 -0.56	37.66 2.96 -0.63	39.36 3.16 -0.73	40.90 3.44 -0.82	44.71 3.90 -1.03	47.94 4.55 -1.24	48.58 4.92 -1.26	45.77 4.86 -1.07	41.89 4.30 -0.85	37.16 3.48 -0.58	34.37 3.05 -0.26	30.47 2.59 0.00
V_F_30_NSYNC___DSASP 323816	29.25 1.58 0.00	27.50 1.56 0.00	26.32 1.42 0.00	25.48 1.37 0.00	25.97 1.40 0.00	27.27 1.47 0.00	32.95 1.81 0.00	34.45 1.89 0.00	34.17 1.84 0.00	34.64 1.84 0.00	34.12 1.65 0.00	34.31 1.63 0.00	35.08 1.83 0.00	35.91 1.84 0.00	37.46 1.99 0.00	38.69 2.05 0.00	42.08 2.31 0.00	44.76 2.61 0.00	45.08 2.67 0.00	42.36 2.51 0.00	39.13 2.39 0.00	35.20 2.09 0.00	32.99 1.93 0.00	29.55 1.67 0.00

V_F_30_SYNC_DSASP 323786	28.31 0.64 0.00	26.60 0.65 0.00	25.48 0.57 0.00	24.66 0.55 0.00	25.16 0.59 0.00	26.42 0.62 0.00	31.92 0.78 0.00	33.41 0.85 0.00	33.10 0.78 0.00	33.53 0.72 0.00	33.18 0.71 0.00	33.36 0.69 0.00	33.85 0.60 0.00	34.85 0.78 0.00	36.37 0.89 0.00	37.55 0.92 0.00	40.77 0.99 0.00	43.20 1.05 0.00	43.55 1.14 0.00	40.92 1.08 0.00	37.85 1.10 0.00	34.04 0.93 0.00	31.97 0.90 0.00	28.63 0.75 0.00
V_XM_10_SYNC_DSASP 323789	28.42 0.75 0.00	26.86 0.91 0.00	25.83 0.92 0.00	24.97 0.87 0.00	25.43 0.86 0.00	26.76 0.96 0.00	32.39 1.25 0.00	33.87 1.30 0.00	33.72 1.39 0.00	34.18 1.38 0.00	33.89 1.43 0.00	33.92 1.24 0.00	34.12 0.86 0.00	35.06 0.99 0.00	36.44 0.96 0.00	37.52 0.88 0.00	41.05 1.27 0.00	43.53 1.39 0.00	43.55 1.15 0.00	40.64 0.80 0.00	37.41 0.66 0.00	33.81 0.70 0.00	31.59 0.53 0.00	28.21 0.34 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	29.00 1.33 0.00	27.09 1.14 0.00	25.97 1.07 0.00	25.12 1.01 0.00	25.60 1.03 0.00	26.91 1.11 0.00	32.51 1.37 0.00	34.13 1.56 0.00	33.91 1.58 0.00	34.41 1.61 0.00	34.22 1.75 0.00	34.41 1.73 0.00	34.98 1.73 0.00	36.08 2.01 0.00	37.61 2.13 0.00	38.87 2.23 0.00	42.21 2.43 0.00	44.46 2.32 0.00	44.78 2.37 0.00	42.04 2.19 0.00	38.99 2.24 0.00	35.00 1.89 0.00	32.90 1.83 0.00	29.52 1.64 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	29.39 1.72 0.00	27.45 1.50 0.00	26.27 1.37 0.00	25.41 1.30 0.00	25.89 1.33 0.00	27.22 1.42 0.00	32.92 1.78 0.00	34.62 2.05 0.00	34.49 2.17 0.00	34.97 2.17 0.00	34.84 2.37 0.00	35.06 2.39 0.00	35.62 2.36 0.00	36.76 2.69 0.00	38.25 2.77 0.00	39.57 2.93 0.00	42.88 3.10 0.00	45.10 2.95 0.00	45.37 2.97 0.00	42.59 2.75 0.00	39.61 2.87 0.00	35.56 2.45 0.00	33.43 2.36 0.00	30.02 2.15 0.00
W50THST__13_KV_LOAD 356117	29.52 1.85 0.00	27.58 1.63 0.00	26.42 1.52 0.00	25.53 1.42 0.00	26.04 1.47 0.00	27.38 1.57 0.00	33.13 1.99 0.00	34.84 2.28 0.00	34.72 2.39 0.00	35.23 2.43 0.00	35.10 2.63 0.00	35.32 2.65 0.00	35.92 2.66 0.00	37.07 3.00 0.00	38.57 3.09 0.00	39.90 3.26 0.00	43.20 3.42 0.00	45.43 3.29 0.00	45.71 3.31 0.00	42.87 3.03 0.00	39.87 3.12 0.00	35.76 2.65 0.00	33.61 2.55 0.00	30.19 2.31 0.00
WADING RIVER_IC_1 23522	35.10 1.27 -6.15	34.60 0.96 -7.69	28.98 0.95 -3.13	28.67 0.79 -3.77	28.78 0.84 -3.37	33.25 0.93 -6.51	33.58 0.56 -1.88	35.03 1.04 -1.42	35.11 1.13 -1.65	34.65 1.08 -0.77	34.12 1.65 0.00	35.28 2.19 -0.42	35.52 2.26 0.00	36.35 2.28 0.00	37.75 2.27 0.00	39.06 2.42 0.00	42.76 2.98 0.00	45.09 2.95 0.00	45.37 2.97 0.00	42.47 2.63 0.00	38.58 1.84 0.00	35.50 2.39 0.00	33.02 1.96 0.00	31.60 1.42 -2.30
WADING RIVER_IC_2 23547	35.10 1.27 -6.15	34.60 0.96 -7.69	28.98 0.95 -3.13	28.67 0.79 -3.77	28.78 0.84 -3.37	33.25 0.93 -6.51	33.58 0.56 -1.88	35.03 1.04 -1.42	35.11 1.13 -1.65	34.65 1.08 -0.77	34.12 1.65 0.00	35.28 2.19 -0.42	35.52 2.26 0.00	36.35 2.28 0.00	37.75 2.27 0.00	39.06 2.42 0.00	42.76 2.98 0.00	45.09 2.95 0.00	45.37 2.97 0.00	42.47 2.63 0.00	38.58 1.84 0.00	35.50 2.39 0.00	33.02 1.96 0.00	31.60 1.42 -2.30
WADING RIVER_IC_3 23601	35.10 1.27 -6.15	34.60 0.96 -7.69	28.98 0.95 -3.13	28.67 0.79 -3.77	28.78 0.84 -3.37	33.25 0.93 -6.51	33.58 0.56 -1.88	35.03 1.04 -1.42	35.11 1.13 -1.65	34.65 1.08 -0.77	34.12 1.65 0.00	35.28 2.19 -0.42	35.52 2.26 0.00	36.35 2.28 0.00	37.75 2.27 0.00	39.06 2.42 0.00	42.76 2.98 0.00	45.09 2.95 0.00	45.37 2.97 0.00	42.47 2.63 0.00	38.58 1.84 0.00	35.50 2.39 0.00	33.02 1.96 0.00	31.60 1.42 -2.30
WALDENNY_12_KV_BK2 80841	27.28 -0.39 0.00	25.33 -0.62 0.00	24.33 -0.57 0.00	23.43 -0.68 0.00	23.83 -0.74 0.00	25.29 -0.52 0.00	30.36 -0.78 0.00	31.52 -1.04 0.00	30.35 -1.94 0.04	31.39 -1.38 0.04	31.72 -0.75 0.00	32.22 -0.46 0.00	33.49 0.23 0.00	35.33 1.26 0.00	36.37 0.89 0.00	37.37 0.73 0.00	40.93 1.15 0.00	43.24 1.10 0.00	43.25 0.85 0.00	40.60 0.76 0.00	36.64 -0.11 0.00	32.42 -0.70 0.00	30.54 -0.53 0.00	27.74 -0.14 0.00
WALDEN__HYDRO 24148	28.91 1.25 0.00	27.04 1.09 0.00	25.92 1.02 0.00	25.07 0.96 0.00	25.55 0.98 0.00	26.84 1.03 0.00	32.39 1.25 0.00	33.96 1.40 0.00	33.78 1.45 0.00	34.22 1.41 0.00	33.96 1.49 0.00	34.14 1.47 0.00	34.75 1.50 0.00	35.84 1.77 0.00	37.36 1.88 0.00	38.65 2.02 0.00	41.93 2.15 0.00	44.21 2.07 0.00	44.57 2.16 0.00	41.84 1.99 0.00	38.77 2.02 0.00	34.83 1.72 0.00	32.74 1.68 0.00	29.38 1.51 0.00
WARRENSBURG____ 23737	29.50 1.83 0.00	27.76 1.82 0.00	26.55 1.64 0.00	25.70 1.59 0.00	26.19 1.62 0.00	27.53 1.73 0.00	33.32 2.18 0.00	34.84 2.28 0.00	34.56 2.23 0.00	35.00 2.20 0.00	34.48 2.01 0.00	34.67 1.99 0.00	35.45 2.19 0.00	36.25 2.18 0.00	37.82 2.34 0.00	39.09 2.46 0.00	42.56 2.78 0.00	45.35 3.20 0.00	45.67 3.27 0.00	42.91 3.07 0.00	39.65 2.90 0.00	35.59 2.48 0.00	33.33 2.27 0.00	29.80 1.92 0.00
WATERSIDE____6 8 9 23538	29.47 1.80 -0.01	27.54 1.58 -0.01	26.38 1.47 -0.01	25.51 1.40 -0.01	26.00 1.42 -0.01	27.30 1.50 0.00	32.92 1.78 0.00	34.62 2.05 0.00	34.46 2.13 0.00	34.97 2.17 0.00	34.84 2.37 0.00	35.12 2.45 0.00	35.68 2.43 0.00	36.86 2.79 0.00	38.35 2.87 0.00	39.69 3.04 -0.01	42.97 3.18 -0.01	45.14 2.99 0.00	45.42 3.01 0.00	42.63 2.79 0.00	39.65 2.90 0.00	35.59 2.48 0.00	33.52 2.45 0.00	30.14 2.26 -0.01
WATKINRD_115KV_LN8_ILLION 55919	27.72 0.06 0.00	26.00 0.05 0.00	24.93 0.02 0.00	24.13 0.02 0.00	24.59 0.02 0.00	25.86 0.05 0.00	31.20 0.06 0.00	32.63 0.07 0.00	32.33 0.00 0.00	32.80 0.00 0.00	32.43 -0.03 0.00	32.64 -0.03 0.00	33.22 -0.03 0.00	34.10 0.03 0.00	35.51 0.04 0.00	36.67 0.04 0.00	39.78 0.00 0.00	42.19 0.04 0.00	42.49 0.08 0.00	40.04 0.20 0.00	36.93 0.18 0.00	33.24 0.13 0.00	31.16 0.09 0.00	27.96 0.08 0.00
WATSON__69_KV_BK 1 55734	35.95 2.13 -6.15	35.48 1.84 -7.69	29.78 1.74 -3.13	29.46 1.59 -3.77	29.56 1.62 -3.37	34.07 1.75 -6.51	34.89 1.87 -1.88	36.30 2.31 -1.42	36.34 2.36 -1.65	35.84 2.26 -0.77	35.19 2.73 0.00	36.00 2.91 -0.42	35.88 2.63 0.00	37.30 3.24 0.00	38.67 3.19 0.00	40.37 3.74 0.00	43.76 3.98 0.00	46.06 3.92 0.00	46.35 3.94 0.00	43.47 3.63 0.00	39.83 3.09 0.00	36.26 3.15 0.00	33.39 2.33 0.00	32.55 2.37 -2.30
WDELAWARE__HYD 323627	29.14 1.47 0.00	27.22 1.27 0.00	26.10 1.20 0.00	25.24 1.13 0.00	25.72 1.15 0.00	27.04 1.24 0.00	32.60 1.46 0.00	34.16 1.60 0.00	33.91 1.58 0.00	34.44 1.64 0.00	34.02 1.56 0.00	34.24 1.57 0.00	35.12 1.86 0.00	35.97 1.91 0.00	37.50 2.02 0.00	38.80 2.16 0.00	42.13 2.35 0.00	44.50 2.36 0.00	44.86 2.46 0.00	42.11 2.27 0.00	38.99 2.24 0.00	35.06 1.95 0.00	32.96 1.90 0.00	29.58 1.70 0.00

WEST BABYLON___IC 23714	35.98 2.16 -6.15	35.54 1.89 -7.69	29.83 1.79 -3.13	29.56 1.69 -3.77	29.66 1.72 -3.37	34.15 1.83 -6.51	35.17 2.15 -1.88	36.49 2.51 -1.42	36.53 2.55 -1.65	36.10 2.53 -0.77	35.19 2.73 0.00	35.97 2.88 -0.42	35.92 2.66 0.00	37.17 3.10 0.00	38.57 3.09 0.00	40.12 3.48 0.00	43.44 3.66 0.00	45.69 3.54 0.00	45.97 3.56 0.00	43.19 3.35 0.00	39.80 3.05 0.00	36.19 3.08 0.00	33.64 2.58 0.00	32.66 2.48 -2.30
WEST CANADA___HYD 24049	27.84 0.17 0.00	26.08 0.13 0.00	25.03 0.13 0.00	24.25 0.15 0.00	24.72 0.15 0.00	25.93 0.13 0.00	31.33 0.19 0.00	32.76 0.20 0.00	32.46 0.13 0.00	32.97 0.16 0.00	32.60 0.13 0.00	32.81 0.13 0.00	33.46 0.20 0.00	34.27 0.21 0.00	35.69 0.21 0.00	36.82 0.18 0.00	39.98 0.20 0.00	42.36 0.21 0.00	42.66 0.26 0.00	40.08 0.24 0.00	37.01 0.26 0.00	33.34 0.23 0.00	31.25 0.19 0.00	28.05 0.17 0.00
WESTERN_NY_WIND 24143	27.25 -0.42 0.00	25.35 -0.60 0.00	24.33 -0.57 0.00	23.41 -0.70 0.00	23.81 -0.76 0.00	25.29 -0.52 0.00	30.33 -0.81 0.00	31.65 -0.91 0.00	30.83 -1.45 0.04	31.68 -1.08 0.04	31.69 -0.78 0.00	32.18 -0.49 0.00	33.39 0.13 0.00	35.19 1.12 0.00	36.26 0.78 0.00	37.37 0.73 0.00	40.77 0.99 0.00	43.28 1.14 0.00	43.42 1.02 0.00	40.76 0.92 0.00	36.82 0.07 0.00	32.55 -0.56 0.00	30.60 -0.47 0.00	27.65 -0.22 0.00
WESTOVER___LESR 323668	27.97 0.30 0.00	26.13 0.18 0.00	25.10 0.20 0.00	24.28 0.17 0.00	24.74 0.17 0.00	26.04 0.23 0.00	31.45 0.31 0.00	32.89 0.33 0.00	32.25 -0.06 0.01	32.86 0.07 0.01	33.16 0.19 -0.50	33.46 0.26 -0.53	34.24 0.40 -0.59	35.51 0.78 -0.66	37.02 0.78 -0.76	38.30 0.81 -0.85	41.77 0.91 -1.07	44.46 1.01 -1.30	44.74 1.02 -1.32	41.93 1.00 -1.09	38.35 0.73 -0.87	34.10 0.40 -0.59	31.67 0.34 -0.27	28.21 0.33 0.00
WETHRSFD_WT_PWR 323626	27.37 -0.30 0.00	25.43 -0.52 0.00	24.43 -0.47 0.00	23.55 -0.55 0.00	23.98 -0.59 0.00	25.42 -0.39 0.00	30.58 -0.56 0.00	31.78 -0.78 0.00	30.68 -1.62 0.03	31.66 -1.12 0.03	32.01 -0.45 0.00	32.28 -0.39 0.00	34.02 0.77 0.00	35.19 1.12 0.00	36.30 0.82 0.00	37.59 0.95 0.00	40.78 0.99 0.00	43.20 1.05 0.00	43.25 0.85 0.00	40.44 0.60 0.00	36.71 -0.04 0.00	32.55 -0.56 0.00	30.60 -0.47 0.00	27.68 -0.19 0.00
WHAVSTOR_138KV_BK127 55557	28.91 1.25 0.00	27.01 1.06 0.00	25.90 1.00 0.00	25.05 0.94 0.00	25.53 0.96 0.00	26.84 1.03 0.00	32.39 1.25 0.00	34.03 1.47 0.00	33.81 1.49 0.00	34.31 1.51 0.00	34.12 1.66 0.00	34.31 1.63 0.00	34.88 1.63 0.00	35.98 1.91 0.00	37.47 1.99 0.00	38.76 2.12 0.00	42.05 2.27 0.00	44.34 2.19 0.00	44.61 2.21 0.00	41.88 2.03 0.00	38.84 2.09 0.00	34.90 1.79 0.00	32.77 1.71 0.00	29.44 1.56 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	28.91 1.25 0.00	27.01 1.06 0.00	25.90 1.00 0.00	25.05 0.94 0.00	25.53 0.96 0.00	26.84 1.03 0.00	32.39 1.25 0.00	34.03 1.47 0.00	33.81 1.49 0.00	34.31 1.51 0.00	34.12 1.66 0.00	34.31 1.63 0.00	34.88 1.63 0.00	35.98 1.91 0.00	37.47 1.99 0.00	38.76 2.12 0.00	42.05 2.27 0.00	44.34 2.19 0.00	44.61 2.21 0.00	41.88 2.03 0.00	38.84 2.09 0.00	34.90 1.79 0.00	32.77 1.71 0.00	29.44 1.56 0.00
WHITEHAL_115KV_TB1 80871	29.80 2.13 0.00	28.08 2.13 0.00	26.77 1.87 0.00	25.92 1.81 0.00	26.43 1.87 0.00	27.79 1.99 0.00	33.73 2.58 0.00	35.20 2.64 0.00	34.94 2.62 0.00	35.26 2.46 0.00	34.77 2.31 0.00	34.93 2.25 0.00	35.45 2.19 0.00	36.52 2.45 0.00	38.10 2.63 0.00	39.39 2.75 0.00	42.92 3.14 0.00	45.90 3.75 0.00	46.31 3.90 0.00	43.47 3.63 0.00	40.16 3.42 0.00	35.99 2.88 0.00	33.67 2.61 0.00	30.08 2.20 0.00
WHITEPLN_13_KV_LOAD 356215	29.44 1.77 0.00	27.48 1.53 0.00	26.35 1.44 0.00	25.46 1.35 0.00	25.97 1.40 0.00	27.30 1.50 0.00	32.98 1.84 0.00	34.71 2.15 0.00	34.56 2.23 0.00	35.07 2.26 0.00	34.90 2.43 0.00	35.12 2.45 0.00	35.68 2.43 0.00	36.79 2.73 0.00	38.32 2.84 0.00	39.61 2.97 0.00	43.00 3.22 0.00	45.26 3.12 0.00	45.50 3.10 0.00	42.75 2.91 0.00	39.69 2.94 0.00	35.63 2.52 0.00	33.39 2.33 0.00	29.97 2.09 0.00
WM_FLOYD_69_KV_BK2 356380	35.43 1.60 -6.15	34.89 1.25 -7.69	29.25 1.22 -3.13	28.93 1.06 -3.77	29.02 1.08 -3.37	33.53 1.21 -6.51	33.92 0.90 -1.88	35.38 1.40 -1.42	35.43 1.45 -1.65	34.82 1.25 -0.77	34.54 2.08 0.00	35.31 2.22 -0.42	35.12 1.86 0.00	36.72 2.66 0.00	38.00 2.52 0.00	39.86 3.22 0.00	43.20 3.42 0.00	45.56 3.41 0.00	45.84 3.43 0.00	42.91 3.07 0.00	39.02 2.28 0.00	35.69 2.58 0.00	32.49 1.43 0.00	31.91 1.73 -2.30
WOODARD___115KV_TB2 355635	27.39 -0.28 0.00	25.66 -0.29 0.00	24.63 -0.27 0.00	23.82 -0.29 0.00	24.27 -0.29 0.00	25.52 -0.28 0.00	30.86 -0.28 0.00	32.24 -0.33 0.00	31.77 -0.55 0.01	32.27 -0.52 0.01	32.83 -0.55 -0.91	33.14 -0.49 -0.96	33.92 -0.40 -1.07	35.09 -0.17 -1.20	36.69 -0.18 -1.38	38.00 -0.18 -1.55	41.52 -0.24 -1.98	44.36 -0.17 -2.39	44.66 -0.17 -2.42	41.77 -0.16 -2.09	38.14 -0.26 -1.66	33.84 -0.40 -1.12	31.20 -0.37 -0.51	27.54 -0.33 0.00
YORK___WARBASSE 23770	29.67 1.99 -0.01	27.69 1.74 -0.01	26.53 1.62 -0.01	25.63 1.52 -0.01	26.12 1.55 -0.01	27.40 1.60 0.00	33.04 1.90 0.00	34.71 2.15 0.00	34.52 2.20 0.00	35.04 2.23 0.00	34.93 2.47 0.00	35.22 2.55 0.00	35.82 2.56 0.00	37.00 2.93 0.00	38.50 3.02 0.00	39.83 3.19 -0.01	43.17 3.38 -0.01	45.35 3.20 0.00	45.63 3.22 0.00	42.79 2.95 0.00	39.80 3.05 0.00	35.76 2.65 0.00	33.71 2.64 0.00	30.31 2.43 -0.01