

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/25/2023

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	33.79	32.32	30.00	31.54	30.73	28.08	31.93	28.13	36.35	59.36	36.94	39.03	44.83	60.15	58.24	99.72	35.94	34.22	31.43	32.62	32.47	29.70	23.81	22.48
24138	1.99	1.68	1.54	1.47	1.40	1.49	1.82	1.86	2.18	2.40	2.60	2.79	3.33	4.53	4.59	4.50	2.99	2.67	2.55	2.30	1.93	1.85	1.56	1.34
	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	0.00	-2.58	-24.13	-0.30	-0.05	0.00	0.00	-0.15	-48.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.54
74TH STREET_GT_1	33.98	32.51	30.17	31.72	30.90	28.22	32.01	28.18	36.39	59.37	36.97	39.11	44.94	60.32	58.41	99.82	36.04	34.30	31.50	32.69	32.54	29.75	23.86	22.51
24260	2.18	1.87	1.70	1.65	1.56	1.63	1.90	1.91	2.23	2.43	2.63	2.87	3.44	4.69	4.77	4.61	3.10	2.75	2.62	2.37	2.00	1.90	1.62	1.37
	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	0.00	-2.57	-24.12	-0.30	-0.05	0.00	0.00	-0.15	-48.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.54
74TH STREET_GT_2	33.98	32.51	30.17	31.72	30.90	28.22	32.01	28.18	36.39	59.37	36.97	39.11	44.94	60.32	58.41	99.82	36.04	34.30	31.50	32.69	32.54	29.75	23.86	22.51
24261	2.18	1.87	1.70	1.65	1.56	1.63	1.90	1.91	2.23	2.43	2.63	2.87	3.44	4.69	4.77	4.61	3.10	2.75	2.62	2.37	2.00	1.90	1.62	1.37
	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	0.00	-2.57	-24.12	-0.30	-0.05	0.00	0.00	-0.15	-48.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.54
ADK HUDSON___FALLS	33.57	32.20	29.88	31.58	30.72	27.90	31.12	27.51	33.14	38.40	35.28	37.96	43.56	58.64	56.41	63.12	35.36	33.67	31.04	32.37	32.31	29.40	23.46	21.87
24011	1.76	1.55	1.41	1.51	1.39	1.32	1.45	1.24	1.45	1.54	1.60	1.83	2.06	3.01	2.87	3.24	2.42	2.12	2.16	2.05	1.77	1.54	1.23	1.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00	-0.10	-4.05	0.36	0.06	0.00	0.00	-0.04	-13.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12
ADK RESOURCE___RCVRY	33.78	32.37	30.00	31.74	30.85	28.02	31.29	27.67	33.33	38.61	35.53	38.25	43.96	59.22	56.88	63.66	35.78	34.00	31.35	32.63	32.53	29.58	23.64	22.08
23798	1.98	1.72	1.54	1.67	1.52	1.44	1.61	1.41	1.64	1.74	1.85	2.11	2.47	3.59	3.35	3.82	2.84	2.45	2.46	2.31	1.99	1.73	1.40	1.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00	-0.10	-4.05	0.36	0.06	0.00	0.00	-0.04	-13.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12
ADK S GLENS___FALLS	33.57	32.20	29.88	31.58	30.72	27.90	31.12	27.51	33.14	38.40	35.28	37.96	43.56	58.64	56.41	63.12	35.36	33.67	31.04	32.37	32.31	29.40	23.46	21.87
24028	1.76	1.55	1.41	1.51	1.39	1.32	1.45	1.24	1.45	1.54	1.60	1.83	2.06	3.01	2.87	3.24	2.42	2.12	2.16	2.05	1.77	1.54	1.23	1.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00	-0.10	-4.05	0.36	0.06	0.00	0.00	-0.04	-13.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12
ADK_NYS___DAM	33.20	31.95	29.82	31.54	30.66	27.79	30.67	27.05	32.20	37.41	34.31	37.19	42.92	57.68	55.58	64.40	34.53	32.91	30.16	31.68	31.61	28.70	22.99	21.51
23527	1.39	1.30	1.36	1.47	1.33	1.21	1.25	0.79	0.86	0.92	1.01	1.11	1.43	2.05	2.03	2.08	1.59	1.36	1.27	1.36	1.07	0.85	0.75	0.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.00	0.24	-3.67	0.73	0.11	0.00	0.00	-0.05	-15.68	0.00	0.00	0.00	0.00	0.00	0.00	0.01	-0.14
AIR_PRODUCTS___DRP	32.24	30.94	28.83	30.43	29.63	26.91	29.95	26.43	31.92	37.37	33.94	36.41	41.89	56.30	54.20	61.18	33.64	32.07	29.37	30.70	30.70	27.91	22.36	20.89
24190	0.44	0.30	0.36	0.36	0.30	0.33	0.24	0.16	0.15	0.17	0.21	0.26	0.40	0.68	0.66	0.92	0.70	0.53	0.49	0.38	0.16	0.06	0.13	0.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	-0.17	-4.38	0.31	0.05	0.00	0.00	-0.04	-13.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12
AKWESSNE_115KV_BK	31.41	30.27	28.08	29.67	29.00	26.22	29.58	26.02	31.35	32.46	33.73	35.77	40.89	54.70	52.45	45.21	31.92	30.68	27.93	29.62	30.10	27.49	22.02	20.44
355683	-0.40	-0.38	-0.39	-0.41	-0.33	-0.36	-0.33	-0.25	-0.24	-0.35	-0.31	-0.42	-0.60	-0.93	-1.04	-1.43	-1.03	-0.87	-0.95	-0.70	-0.43	-0.36	-0.22	-0.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	32.24	30.94	28.83	30.43	29.63	26.91	29.95	26.43	31.92	37.37	33.94	36.41	41.89	56.30	54.20	61.18	33.64	32.07	29.37	30.70	30.70	27.91	22.36	20.89
23571	0.44	0.30	0.36	0.36	0.30	0.33	0.24	0.16	0.15	0.17	0.21	0.26	0.40	0.68	0.66	0.92	0.70	0.53	0.49	0.38	0.16	0.06	0.13	0.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	-0.17	-4.38	0.31	0.05	0.00	0.00	-0.04	-13.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12
ALBANY___2	32.24	30.94	28.83	30.43	29.63	26.91	29.95	26.43	31.92	37.37	33.94	36.41	41.89	56.30	54.20	61.18	33.64	32.07	29.37	30.70	30.70	27.91	22.36	20.89
23572	0.44	0.30	0.36	0.36	0.30	0.33	0.24	0.16	0.15	0.17	0.21	0.26	0.40	0.68	0.66	0.92	0.70	0.53	0.49	0.38	0.16	0.06	0.13	0.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	-0.17	-4.38	0.31	0.05	0.00	0.00	-0.04	-13.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12
ALBANY___3	32.24	30.94	28.83	30.43	29.63	26.91	29.95	26.43	31.92	37.37	33.94	36.41	41.89	56.30	54.20	61.18	33.64	32.07	29.37	30.70	30.70	27.91	22.36	20.89
23573	0.44	0.30	0.36	0.36	0.30	0.33	0.24	0.16	0.15	0.17	0.21	0.26	0.40	0.68	0.66	0.92	0.70	0.53	0.49	0.38	0.16	0.06	0.13	0.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	-0.17	-4.38	0.31	0.05	0.00	0.00	-0.04	-13.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12

ALBANY___4 23574	32.24 0.44 0.00	30.94 0.30 0.00	28.83 0.36 0.00	30.43 0.36 0.00	29.63 0.30 0.00	26.91 0.33 0.00	29.95 0.24 0.20	26.43 0.16 0.00	31.92 0.15 -0.17	37.37 0.17 -4.38	33.94 0.21 0.31	36.41 0.26 0.05	41.89 0.40 0.00	56.30 0.68 0.00	54.20 0.66 -0.04	61.18 0.92 -13.61	33.64 0.70 0.00	32.07 0.53 0.00	29.37 0.49 0.00	30.70 0.38 0.00	30.70 0.16 0.00	27.91 0.06 0.00	22.36 0.13 0.00	20.89 0.15 -0.12
ALBANY___LFGE 323615	32.60 0.79 0.00	31.29 0.65 0.00	29.14 0.68 0.00	30.76 0.69 0.00	29.95 0.62 0.00	27.21 0.62 0.00	30.28 0.59 0.22	26.74 0.47 0.00	32.28 0.54 -0.15	37.69 0.58 -4.29	34.37 0.66 0.33	36.92 0.78 0.05	42.51 1.01 0.00	57.14 1.51 0.00	55.00 1.46 -0.04	61.88 1.62 -13.62	34.11 1.17 0.00	32.53 0.98 0.00	29.78 0.90 0.00	31.11 0.79 0.00	31.10 0.57 0.00	28.28 0.43 0.00	22.63 0.39 0.00	21.12 0.39 -0.12
ALCOA_PA_115KV_PL-6C 55860	31.51 -0.30 0.00	30.35 -0.29 0.00	28.14 -0.32 0.00	29.75 -0.33 0.00	29.10 -0.23 0.00	26.31 -0.27 0.00	29.70 -0.21 0.00	26.13 -0.14 0.00	31.48 -0.11 0.00	32.60 -0.21 0.00	33.87 -0.16 0.00	35.91 -0.28 0.00	41.06 -0.43 0.00	54.94 -0.68 0.00	52.68 -0.81 0.00	45.25 -1.39 0.00	31.93 -1.01 0.00	30.70 -0.85 0.00	27.77 -1.11 0.00	29.75 -0.57 0.00	30.25 -0.29 0.00	27.62 -0.23 0.00	22.10 -0.14 0.00	20.50 -0.10 0.00
ALCOA_RYNLDS___DRP 24188	31.51 -0.30 0.00	30.35 -0.29 0.00	28.14 -0.32 0.00	29.75 -0.33 0.00	29.10 -0.23 0.00	26.31 -0.27 0.00	29.70 -0.21 0.00	26.13 -0.14 0.00	31.48 -0.11 0.00	32.60 -0.21 0.00	33.87 -0.16 0.00	35.91 -0.28 0.00	41.06 -0.43 0.00	54.94 -0.68 0.00	52.68 -0.81 0.00	45.25 -1.39 0.00	31.93 -1.01 0.00	30.70 -0.85 0.00	27.77 -1.11 0.00	29.75 -0.57 0.00	30.25 -0.29 0.00	27.62 -0.23 0.00	22.10 -0.14 0.00	20.50 -0.10 0.00
ALCOA___DSASP 323711	31.51 -0.30 0.00	30.35 -0.29 0.00	28.14 -0.32 0.00	29.75 -0.33 0.00	29.10 -0.23 0.00	26.31 -0.27 0.00	29.70 -0.21 0.00	26.13 -0.14 0.00	31.48 -0.11 0.00	32.60 -0.21 0.00	33.88 -0.16 0.00	35.92 -0.27 0.00	41.08 -0.42 0.00	54.94 -0.68 0.00	52.68 -0.81 0.00	45.25 -1.39 0.00	31.93 -1.01 0.00	30.70 -0.85 0.00	27.77 -1.11 0.00	29.75 -0.57 0.00	30.25 -0.28 0.00	27.62 -0.23 0.00	22.10 -0.14 0.00	20.51 -0.10 0.00
ALLEGHENY___COGEN 23514	34.17 2.36 0.00	33.17 2.53 0.00	30.43 1.96 0.00	32.18 2.11 0.00	31.48 2.15 0.00	28.48 1.90 0.00	32.49 2.58 0.00	28.32 2.05 0.00	34.23 2.64 0.00	35.57 2.75 0.00	35.79 1.75 0.00	37.29 1.10 0.00	42.12 0.63 0.00	56.61 0.98 0.00	54.97 1.47 0.00	48.66 2.03 0.00	34.72 1.78 0.00	33.84 2.29 0.00	30.84 1.96 0.00	32.46 2.14 0.00	32.76 2.22 0.00	30.12 2.27 0.00	24.00 1.76 0.00	22.39 1.78 0.00
ALTAMONT_115KV_TB 2 55880	32.68 0.88 0.00	31.39 0.75 0.00	29.22 0.76 0.00	30.86 0.79 0.00	30.06 0.72 0.00	27.29 0.70 0.00	30.44 0.67 0.15	26.82 0.56 0.00	32.46 0.61 -0.26	37.96 0.64 -4.51	34.53 0.71 0.22	36.95 0.79 0.03	42.49 1.00 0.00	57.06 1.43 0.00	54.94 1.40 -0.04	61.26 1.57 -13.05	34.10 1.15 0.00	32.54 0.99 0.00	29.81 0.93 0.00	31.15 0.83 0.00	31.17 0.63 0.00	28.38 0.52 0.00	22.71 0.48 0.00	21.18 0.45 -0.12
ALTONA_WT_PWR 323606	31.77 -0.04 0.00	30.39 -0.25 0.00	28.10 -0.37 0.00	29.85 -0.22 0.00	29.19 -0.14 0.00	26.46 -0.12 0.00	30.02 0.11 0.00	26.73 0.46 0.00	32.31 0.72 0.00	33.58 0.76 0.00	34.77 0.73 0.00	36.94 0.75 0.00	42.25 0.76 0.00	56.29 0.66 0.00	53.89 0.40 0.00	46.78 0.14 0.00	33.29 0.35 0.00	31.97 0.42 0.00	29.25 0.36 0.00	30.91 0.59 0.00	31.19 0.65 0.00	28.49 0.64 0.00	22.80 0.56 0.00	21.06 0.45 0.00
AMERICAN_REF_FUEL 24010	32.32 0.51 0.00	31.61 0.96 0.00	28.87 0.40 0.00	30.47 0.40 0.00	29.99 0.66 0.00	26.96 0.38 0.00	30.75 0.84 0.00	26.61 0.34 0.00	32.18 0.59 0.00	33.43 0.61 0.00	34.12 0.09 0.00	36.09 -0.07 0.03	40.79 -0.37 0.33	54.52 -0.30 0.80	52.90 0.13 0.72	46.95 0.83 0.52	33.60 0.69 0.04	32.32 0.77 0.00	29.82 0.94 0.00	31.43 1.13 0.02	31.31 0.79 0.02	28.70 0.84 0.00	22.45 0.21 0.00	21.25 0.64 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	33.74 1.93 0.00	32.92 2.27 0.00	30.06 1.60 0.00	31.82 1.75 0.00	31.02 1.69 0.00	28.07 1.49 0.00	32.23 2.32 0.00	28.05 1.78 0.00	33.92 2.32 0.00	34.98 2.16 0.00	35.85 1.81 0.00	38.30 2.11 0.00	43.74 2.25 0.00	58.99 3.37 0.00	57.26 3.77 0.00	50.26 3.62 0.00	35.30 2.36 0.00	34.00 2.45 0.00	31.34 2.45 0.00	32.90 2.58 0.00	32.65 2.11 0.00	29.86 2.01 0.00	23.23 0.99 0.00	21.62 1.01 0.00
ARTHUR_KILL_GT_1 23520	33.08 1.88 0.61	32.33 1.68 0.00	30.07 1.61 0.00	31.43 1.36 0.00	30.68 1.35 0.00	28.04 1.46 0.00	31.75 1.64 -0.20	27.97 1.70 0.00	32.47 1.83 0.96	31.22 1.99 3.58	33.89 2.16 2.30	35.58 2.39 3.00	37.74 2.79 6.55	35.47 3.76 23.92	34.58 3.92 22.83	36.23 3.71 14.12	35.34 2.51 0.12	33.74 2.20 0.01	31.18 2.30 0.00	32.30 1.98 0.00	32.21 1.67 0.00	29.57 1.72 0.00	23.73 1.48 0.00	22.43 1.29 -0.54
ARTHUR_KILL_2 23512	32.96 1.77 0.61	32.22 1.58 0.00	29.97 1.51 0.00	31.34 1.27 0.00	30.60 1.26 0.00	27.96 1.37 0.00	31.65 1.54 -0.20	27.88 1.61 0.00	32.35 1.72 0.96	31.11 1.88 3.58	33.76 2.02 2.30	35.44 2.24 3.00	37.57 2.62 6.55	35.23 3.52 23.92	34.34 3.69 22.83	36.02 3.50 14.12	35.20 2.37 0.12	33.61 2.07 0.01	31.07 2.19 0.00	32.19 1.87 0.00	32.08 1.54 0.00	29.47 1.61 0.00	23.65 1.41 0.00	22.36 1.21 -0.54
ARTHUR_KILL_3 23513	32.83 1.63 0.61	32.00 1.36 0.00	29.71 1.24 0.00	31.26 1.19 0.00	30.44 1.11 0.00	27.80 1.21 0.00	31.53 1.42 -0.20	27.74 1.47 0.00	32.29 1.66 0.96	31.48 1.78 3.12	35.12 1.97 0.89	35.38 2.18 2.99	39.28 2.64 4.86	37.00 3.60 22.23	41.03 3.69 16.16	37.00 3.70 13.34	35.44 2.49 0.00	33.74 2.19 0.00	31.04 2.15 0.00	32.19 1.87 0.00	32.04 1.50 0.00	29.29 1.44 0.00	23.53 1.29 0.00	22.19 1.05 -0.54
ARTHUR_KILL_COGEN 323718	33.08 1.88 0.61	32.33 1.68 0.00	30.07 1.61 0.00	31.43 1.36 0.00	30.68 1.35 0.00	28.04 1.46 0.00	31.75 1.64 -0.20	27.97 1.70 0.00	32.47 1.83 0.96	31.22 1.99 3.58	33.89 2.16 2.30	35.58 2.39 3.00	37.74 2.79 6.55	35.47 3.76 23.92	34.58 3.92 22.83	36.23 3.71 14.12	35.34 2.51 0.12	33.74 2.20 0.01	31.18 2.30 0.00	32.30 1.98 0.00	32.21 1.67 0.00	29.57 1.72 0.00	23.73 1.48 0.00	22.43 1.29 -0.54
ASHOKAN____ 23654	32.95 1.15 0.00	31.58 0.94 0.00	29.37 0.90 0.00	30.96 0.89 0.00	30.16 0.82 0.00	27.43 0.84 0.00	31.04 1.13 0.00	27.17 0.90 0.00	32.80 1.21 0.00	34.01 1.19 0.00	35.21 1.17 0.00	37.35 1.16 0.00	43.08 1.59 0.00	58.59 2.97 0.00	56.65 3.14 -0.02	54.62 2.61 -5.37	34.78 1.83 0.00	33.10 1.55 0.00	30.35 1.46 0.00	31.70 1.38 0.00	31.68 1.15 0.00	28.76 0.91 0.00	23.00 0.76 0.00	21.27 0.66 0.00

ASTORIA_EAST_ENERGY_CC1 323581	33.65 1.84 0.00	32.15 1.51 0.00	29.83 1.37 0.00	31.36 1.28 0.00	30.56 1.23 0.00	27.96 1.37 0.00	31.67 1.57 -0.20	27.89 1.62 0.00	35.99 1.82 -2.57	58.89 1.95 -24.12	36.39 2.06 -0.30	38.49 2.25 -0.05	44.25 2.75 0.00	59.38 3.75 0.00	57.60 3.95 -0.15	99.08 3.87 -48.57	35.53 2.59 0.00	33.81 2.26 0.00	31.04 2.15 0.00	32.18 1.86 0.00	32.09 1.55 0.00	29.40 1.54 0.00	23.69 1.45 0.00	22.31 1.16 -0.54
ASTORIA_EAST_ENERGY_CC2 323582	33.65 1.84 0.00	32.15 1.51 0.00	29.83 1.37 0.00	31.36 1.28 0.00	30.56 1.23 0.00	27.96 1.37 0.00	31.67 1.57 -0.20	27.89 1.62 0.00	35.99 1.82 -2.57	58.89 1.95 -24.12	36.39 2.06 -0.30	38.49 2.25 -0.05	44.25 2.75 0.00	59.38 3.75 0.00	57.60 3.95 -0.15	99.08 3.87 -48.57	35.53 2.59 0.00	33.81 2.26 0.00	31.04 2.15 0.00	32.18 1.86 0.00	32.09 1.55 0.00	29.40 1.54 0.00	23.69 1.45 0.00	22.31 1.16 -0.54
ASTORIA_GT2_1 24094	33.68 1.87 0.00	32.18 1.53 0.00	29.85 1.39 0.00	31.38 1.31 0.00	30.57 1.24 0.00	27.98 1.39 0.00	31.70 1.59 -0.20	27.90 1.63 0.00	36.00 1.84 -2.57	58.91 1.97 -24.12	36.40 2.06 -0.30	38.51 2.27 -0.05	44.26 2.76 0.00	59.41 3.78 0.00	57.63 3.99 -0.15	99.10 3.89 -48.57	35.55 2.61 0.00	33.82 2.27 0.00	31.05 2.17 0.00	32.21 1.89 0.00	32.12 1.58 0.00	29.41 1.56 0.00	23.70 1.46 0.00	22.31 1.17 -0.54
ASTORIA_GT2_2 24095	33.68 1.87 0.00	32.18 1.53 0.00	29.85 1.39 0.00	31.38 1.31 0.00	30.57 1.24 0.00	27.98 1.39 0.00	31.70 1.59 -0.20	27.90 1.63 0.00	36.00 1.84 -2.57	58.91 1.97 -24.12	36.40 2.06 -0.30	38.51 2.27 -0.05	44.26 2.76 0.00	59.41 3.78 0.00	57.63 3.99 -0.15	99.10 3.89 -48.57	35.55 2.61 0.00	33.82 2.27 0.00	31.05 2.17 0.00	32.21 1.89 0.00	32.12 1.58 0.00	29.41 1.56 0.00	23.70 1.46 0.00	22.31 1.17 -0.54
ASTORIA_GT2_3 24096	33.68 1.87 0.00	32.18 1.53 0.00	29.85 1.39 0.00	31.38 1.31 0.00	30.57 1.24 0.00	27.98 1.39 0.00	31.70 1.59 -0.20	27.90 1.63 0.00	36.00 1.84 -2.57	58.91 1.97 -24.12	36.40 2.06 -0.30	38.51 2.27 -0.05	44.26 2.76 0.00	59.41 3.78 0.00	57.63 3.99 -0.15	99.10 3.89 -48.57	35.55 2.61 0.00	33.82 2.27 0.00	31.05 2.17 0.00	32.21 1.89 0.00	32.12 1.58 0.00	29.41 1.56 0.00	23.70 1.46 0.00	22.31 1.17 -0.54
ASTORIA_GT2_4 24097	33.68 1.87 0.00	32.18 1.53 0.00	29.85 1.39 0.00	31.38 1.31 0.00	30.57 1.24 0.00	27.98 1.39 0.00	31.70 1.59 -0.20	27.90 1.63 0.00	36.00 1.84 -2.57	58.91 1.97 -24.12	36.40 2.06 -0.30	38.51 2.27 -0.05	44.26 2.76 0.00	59.41 3.78 0.00	57.63 3.99 -0.15	99.10 3.89 -48.57	35.55 2.61 0.00	33.82 2.27 0.00	31.05 2.17 0.00	32.21 1.89 0.00	32.12 1.58 0.00	29.41 1.56 0.00	23.70 1.46 0.00	22.31 1.17 -0.54
ASTORIA_GT3_1 24098	33.68 1.87 0.00	32.18 1.53 0.00	29.85 1.39 0.00	31.38 1.31 0.00	30.57 1.24 0.00	27.98 1.39 0.00	31.70 1.59 -0.20	27.90 1.63 0.00	36.00 1.84 -2.57	58.91 1.97 -24.12	36.40 2.06 -0.30	38.51 2.27 -0.05	44.26 2.76 0.00	59.41 3.78 0.00	57.63 3.99 -0.15	99.10 3.89 -48.57	35.55 2.61 0.00	33.82 2.27 0.00	31.05 2.17 0.00	32.21 1.89 0.00	32.12 1.58 0.00	29.41 1.56 0.00	23.70 1.46 0.00	22.31 1.17 -0.54
ASTORIA_GT3_2 24099	33.68 1.87 0.00	32.18 1.53 0.00	29.85 1.39 0.00	31.38 1.31 0.00	30.57 1.24 0.00	27.98 1.39 0.00	31.70 1.59 -0.20	27.90 1.63 0.00	36.00 1.84 -2.57	58.91 1.97 -24.12	36.40 2.06 -0.30	38.51 2.27 -0.05	44.26 2.76 0.00	59.41 3.78 0.00	57.63 3.99 -0.15	99.10 3.89 -48.57	35.55 2.61 0.00	33.82 2.27 0.00	31.05 2.17 0.00	32.21 1.89 0.00	32.12 1.58 0.00	29.41 1.56 0.00	23.70 1.46 0.00	22.31 1.17 -0.54
ASTORIA_GT3_3 24100	33.68 1.87 0.00	32.18 1.53 0.00	29.85 1.39 0.00	31.38 1.31 0.00	30.57 1.24 0.00	27.98 1.39 0.00	31.70 1.59 -0.20	27.90 1.63 0.00	36.00 1.84 -2.57	58.91 1.97 -24.12	36.40 2.06 -0.30	38.51 2.27 -0.05	44.26 2.76 0.00	59.41 3.78 0.00	57.63 3.99 -0.15	99.10 3.89 -48.57	35.55 2.61 0.00	33.82 2.27 0.00	31.05 2.17 0.00	32.21 1.89 0.00	32.12 1.58 0.00	29.41 1.56 0.00	23.70 1.46 0.00	22.31 1.17 -0.54
ASTORIA_GT3_4 24101	33.68 1.87 0.00	32.18 1.53 0.00	29.85 1.39 0.00	31.38 1.31 0.00	30.57 1.24 0.00	27.98 1.39 0.00	31.70 1.59 -0.20	27.90 1.63 0.00	36.00 1.84 -2.57	58.91 1.97 -24.12	36.40 2.06 -0.30	38.51 2.27 -0.05	44.26 2.76 0.00	59.41 3.78 0.00	57.63 3.99 -0.15	99.10 3.89 -48.57	35.55 2.61 0.00	33.82 2.27 0.00	31.05 2.17 0.00	32.21 1.89 0.00	32.12 1.58 0.00	29.41 1.56 0.00	23.70 1.46 0.00	22.31 1.17 -0.54
ASTORIA_GT4_1 24102	33.68 1.87 0.00	32.18 1.53 0.00	29.85 1.39 0.00	31.38 1.31 0.00	30.57 1.24 0.00	27.98 1.39 0.00	31.70 1.59 -0.20	27.90 1.63 0.00	36.00 1.84 -2.57	58.91 1.97 -24.12	36.40 2.06 -0.30	38.51 2.27 -0.05	44.26 2.76 0.00	59.41 3.78 0.00	57.63 3.99 -0.15	99.10 3.89 -48.57	35.55 2.61 0.00	33.82 2.27 0.00	31.05 2.17 0.00	32.21 1.89 0.00	32.12 1.58 0.00	29.41 1.56 0.00	23.70 1.46 0.00	22.31 1.17 -0.54
ASTORIA_GT4_2 24103	33.68 1.87 0.00	32.18 1.53 0.00	29.85 1.39 0.00	31.38 1.31 0.00	30.57 1.24 0.00	27.98 1.39 0.00	31.70 1.59 -0.20	27.90 1.63 0.00	36.00 1.84 -2.57	58.91 1.97 -24.12	36.40 2.06 -0.30	38.51 2.27 -0.05	44.26 2.76 0.00	59.41 3.78 0.00	57.63 3.99 -0.15	99.10 3.89 -48.57	35.55 2.61 0.00	33.82 2.27 0.00	31.05 2.17 0.00	32.21 1.89 0.00	32.12 1.58 0.00	29.41 1.56 0.00	23.70 1.46 0.00	22.31 1.17 -0.54
ASTORIA_GT4_3 24104	33.68 1.87 0.00	32.18 1.53 0.00	29.85 1.39 0.00	31.38 1.31 0.00	30.57 1.24 0.00	27.98 1.39 0.00	31.70 1.59 -0.20	27.90 1.63 0.00	36.00 1.84 -2.57	58.91 1.97 -24.12	36.40 2.06 -0.30	38.51 2.27 -0.05	44.26 2.76 0.00	59.41 3.78 0.00	57.63 3.99 -0.15	99.10 3.89 -48.57	35.55 2.61 0.00	33.82 2.27 0.00	31.05 2.17 0.00	32.21 1.89 0.00	32.12 1.58 0.00	29.41 1.56 0.00	23.70 1.46 0.00	22.31 1.17 -0.54
ASTORIA_GT4_4 24105	33.68 1.87 0.00	32.18 1.53 0.00	29.85 1.39 0.00	31.38 1.31 0.00	30.57 1.24 0.00	27.98 1.39 0.00	31.70 1.59 -0.20	27.90 1.63 0.00	36.00 1.84 -2.57	58.91 1.97 -24.12	36.40 2.06 -0.30	38.51 2.27 -0.05	44.26 2.76 0.00	59.41 3.78 0.00	57.63 3.99 -0.15	99.10 3.89 -48.57	35.55 2.61 0.00	33.82 2.27 0.00	31.05 2.17 0.00	32.21 1.89 0.00	32.12 1.58 0.00	29.41 1.56 0.00	23.70 1.46 0.00	22.31 1.17 -0.54
ASTORIA_GT_1 23523	33.74 1.94 0.00	32.24 1.59 0.00	29.91 1.45 0.00	31.45 1.37 0.00	30.63 1.30 0.00	28.03 1.44 0.00	31.76 1.65 -0.20	27.97 1.70 0.00	36.09 1.92 -2.57	59.00 2.06 -24.12	36.49 2.16 -0.30	38.62 2.38 -0.05	44.40 2.91 0.00	59.58 3.95 0.00	57.80 4.16 -0.15	99.24 4.03 -48.57	35.65 2.71 0.00	33.91 2.36 0.00	31.13 2.25 0.00	32.29 1.97 0.00	32.20 1.67 0.00	29.49 1.64 0.00	23.76 1.52 0.00	22.37 1.22 -0.54

ASTORIA_GT_10 24110	33.71 1.90 0.00	32.23 1.58 0.00	29.92 1.46 0.00	31.44 1.37 0.00	30.63 1.30 0.00	27.99 1.41 0.00	31.74 1.63 -0.20	27.95 1.68 0.00	36.09 1.92 -2.57	59.02 2.08 -24.12	36.54 2.20 -0.30	38.64 2.40 -0.05	44.33 2.84 0.00	59.46 3.83 0.00	57.61 3.96 -0.15	99.08 3.87 -48.57	35.55 2.61 0.00	33.85 2.30 0.00	31.11 2.23 0.00	32.28 1.96 0.00	32.18 1.64 0.00	29.47 1.62 0.00	23.65 1.41 0.00	22.31 1.17 -0.54
ASTORIA_GT_11 24225	33.71 1.90 0.00	32.23 1.58 0.00	29.92 1.46 0.00	31.44 1.37 0.00	30.63 1.30 0.00	27.99 1.41 0.00	31.74 1.63 -0.20	27.95 1.68 0.00	36.09 1.92 -2.57	59.02 2.08 -24.12	36.54 2.20 -0.30	38.64 2.40 -0.05	44.33 2.84 0.00	59.46 3.83 0.00	57.61 3.96 -0.15	99.08 3.87 -48.57	35.55 2.61 0.00	33.85 2.30 0.00	31.11 2.23 0.00	32.28 1.96 0.00	32.18 1.64 0.00	29.47 1.62 0.00	23.65 1.41 0.00	22.31 1.17 -0.54
ASTORIA_GT_12 24226	33.71 1.90 0.00	32.23 1.58 0.00	29.92 1.46 0.00	31.44 1.37 0.00	30.63 1.30 0.00	27.99 1.41 0.00	31.74 1.63 -0.20	27.95 1.68 0.00	36.09 1.92 -2.57	59.02 2.08 -24.12	36.54 2.20 -0.30	38.64 2.40 -0.05	44.33 2.84 0.00	59.46 3.83 0.00	57.61 3.96 -0.15	99.08 3.87 -48.57	35.55 2.61 0.00	33.85 2.30 0.00	31.11 2.23 0.00	32.28 1.96 0.00	32.18 1.64 0.00	29.47 1.62 0.00	23.65 1.41 0.00	22.31 1.17 -0.54
ASTORIA_GT_13 24227	33.71 1.90 0.00	32.23 1.58 0.00	29.92 1.46 0.00	31.44 1.37 0.00	30.63 1.30 0.00	27.99 1.41 0.00	31.74 1.63 -0.20	27.95 1.68 0.00	36.09 1.92 -2.57	59.02 2.08 -24.12	36.54 2.20 -0.30	38.64 2.40 -0.05	44.33 2.84 0.00	59.46 3.83 0.00	57.61 3.96 -0.15	99.08 3.87 -48.57	35.55 2.61 0.00	33.85 2.30 0.00	31.11 2.23 0.00	32.28 1.96 0.00	32.18 1.64 0.00	29.47 1.62 0.00	23.65 1.41 0.00	22.31 1.17 -0.54
ASTORIA_GT_5 24106	33.74 1.94 0.00	32.24 1.59 0.00	29.91 1.45 0.00	31.45 1.37 0.00	30.63 1.30 0.00	28.03 1.44 0.00	31.76 1.65 -0.20	27.97 1.70 0.00	36.09 1.92 -2.57	59.00 2.06 -24.12	36.49 2.16 -0.30	38.62 2.38 -0.05	44.40 2.91 0.00	59.58 3.95 0.00	57.80 4.16 -0.15	99.24 4.03 -48.57	35.65 2.71 0.00	33.91 2.36 0.00	31.13 2.25 0.00	32.29 1.97 0.00	32.20 1.67 0.00	29.49 1.64 0.00	23.76 1.52 0.00	22.37 1.22 -0.54
ASTORIA_GT_7 24107	33.74 1.94 0.00	32.24 1.59 0.00	29.91 1.45 0.00	31.45 1.37 0.00	30.63 1.30 0.00	28.03 1.44 0.00	31.76 1.65 -0.20	27.97 1.70 0.00	36.09 1.92 -2.57	59.00 2.06 -24.12	36.49 2.16 -0.30	38.62 2.38 -0.05	44.40 2.91 0.00	59.58 3.95 0.00	57.80 4.16 -0.15	99.24 4.03 -48.57	35.65 2.71 0.00	33.91 2.36 0.00	31.13 2.25 0.00	32.29 1.97 0.00	32.20 1.67 0.00	29.49 1.64 0.00	23.76 1.52 0.00	22.37 1.22 -0.54
ASTORIA_GT_8 24108	33.74 1.94 0.00	32.24 1.60 0.00	29.91 1.45 0.00	31.45 1.37 0.00	30.63 1.30 0.00	28.03 1.44 0.00	31.77 1.66 -0.20	27.97 1.70 0.00	36.09 1.92 -2.57	59.00 2.06 -24.12	36.49 2.16 -0.30	38.62 2.38 -0.05	44.38 2.89 0.00	59.58 3.95 0.00	57.80 4.16 -0.15	99.23 4.03 -48.57	35.65 2.71 0.00	33.91 2.36 0.00	31.13 2.25 0.00	32.30 1.98 0.00	32.21 1.67 0.00	29.49 1.64 0.00	23.76 1.52 0.00	22.37 1.22 -0.54
ASTORIA___2 24149	33.67 1.87 0.00	32.17 1.53 0.00	29.85 1.38 0.00	31.38 1.31 0.00	30.57 1.24 0.00	27.97 1.39 0.00	31.69 1.58 -0.20	27.91 1.64 0.00	36.00 1.83 -2.57	58.91 1.97 -24.12	36.40 2.06 -0.30	38.51 2.27 -0.05	44.28 2.79 0.00	59.41 3.78 0.00	57.63 3.99 -0.15	99.10 3.89 -48.57	35.55 2.61 0.00	33.81 2.26 0.00	31.05 2.17 0.00	32.20 1.88 0.00	32.12 1.58 0.00	29.41 1.56 0.00	23.70 1.46 0.00	22.32 1.17 -0.54
ASTORIA___3 23516	33.71 1.90 0.00	32.23 1.58 0.00	29.91 1.45 0.00	31.44 1.37 0.00	30.63 1.30 0.00	27.99 1.41 0.00	31.74 1.63 -0.20	27.95 1.69 0.00	36.09 1.92 -2.57	59.03 2.09 -24.12	36.54 2.20 -0.30	38.64 2.40 -0.05	44.35 2.85 0.00	59.46 3.83 0.00	57.61 3.96 -0.15	99.08 3.87 -48.57	35.55 2.61 0.00	33.84 2.29 0.00	31.11 2.22 0.00	32.28 1.96 0.00	32.17 1.63 0.00	29.47 1.62 0.00	23.65 1.41 0.00	22.32 1.17 -0.54
ASTORIA___4 23517	33.71 1.90 0.00	32.23 1.58 0.00	29.92 1.46 0.00	31.44 1.37 0.00	30.63 1.30 0.00	27.99 1.41 0.00	31.74 1.63 -0.20	27.95 1.68 0.00	36.09 1.92 -2.57	59.02 2.08 -24.12	36.54 2.20 -0.30	38.64 2.40 -0.05	44.33 2.84 0.00	59.46 3.83 0.00	57.61 3.96 -0.15	99.08 3.87 -48.57	35.55 2.61 0.00	33.84 2.29 0.00	31.11 2.23 0.00	32.28 1.96 0.00	32.18 1.64 0.00	29.47 1.62 0.00	23.65 1.41 0.00	22.31 1.17 -0.54
ASTORIA___5 23518	33.71 1.90 0.00	32.23 1.58 0.00	29.92 1.45 0.00	31.44 1.37 0.00	30.63 1.30 0.00	27.99 1.41 0.00	31.74 1.63 -0.20	27.95 1.69 0.00	36.09 1.92 -2.57	59.03 2.09 -24.12	36.54 2.20 -0.30	38.64 2.40 -0.05	44.35 2.85 0.00	59.46 3.83 0.00	57.61 3.96 -0.15	99.08 3.87 -48.57	35.55 2.61 0.00	33.84 2.29 0.00	31.11 2.23 0.00	32.28 1.96 0.00	32.17 1.63 0.00	29.47 1.62 0.00	23.65 1.41 0.00	22.32 1.17 -0.54
AST_ENERGY_2_CC3 323677	33.59 1.78 0.00	32.13 1.49 0.00	29.83 1.36 0.00	31.36 1.29 0.00	30.55 1.22 0.00	27.90 1.32 0.00	31.64 1.53 -0.20	27.84 1.58 0.00	35.97 1.80 -2.57	58.91 1.97 -24.13	36.49 2.16 -0.30	38.60 2.36 -0.05	44.34 2.85 0.00	59.50 3.87 0.00	57.62 3.97 -0.15	99.15 3.93 -48.58	35.59 2.65 0.00	33.88 2.33 0.00	31.14 2.26 0.00	32.29 1.97 0.00	32.16 1.62 0.00	29.41 1.56 0.00	23.62 1.38 0.00	22.30 1.16 -0.54
AST_ENERGY_2_CC4 323678	33.59 1.78 0.00	32.13 1.49 0.00	29.83 1.36 0.00	31.36 1.29 0.00	30.55 1.22 0.00	27.90 1.32 0.00	31.64 1.53 -0.20	27.84 1.58 0.00	35.97 1.80 -2.57	58.91 1.97 -24.13	36.49 2.16 -0.30	38.60 2.36 -0.05	44.34 2.85 0.00	59.50 3.87 0.00	57.62 3.97 -0.15	99.15 3.93 -48.58	35.59 2.65 0.00	33.88 2.33 0.00	31.14 2.26 0.00	32.29 1.97 0.00	32.16 1.62 0.00	29.41 1.56 0.00	23.62 1.38 0.00	22.30 1.16 -0.54
ATHENS_STG_1 23668	32.80 0.99 0.00	31.48 0.83 0.00	29.31 0.85 0.00	30.94 0.86 0.00	30.13 0.80 0.00	27.38 0.80 0.00	30.73 0.75 -0.06	26.96 0.69 0.00	33.06 0.77 -0.70	40.17 0.86 -6.50	35.09 0.96 -0.09	37.29 1.08 -0.01	42.85 1.36 0.00	57.46 1.83 0.00	55.36 1.83 -0.05	62.84 2.00 -14.20	34.36 1.41 0.00	32.76 1.21 0.00	30.03 1.14 0.00	31.30 0.98 0.00	31.29 0.75 0.00	28.53 0.68 0.00	22.84 0.60 0.00	21.28 0.53 -0.14
ATHENS_STG_2 23670	32.80 0.99 0.00	31.48 0.83 0.00	29.31 0.85 0.00	30.94 0.86 0.00	30.13 0.80 0.00	27.38 0.80 0.00	30.73 0.75 -0.06	26.96 0.69 0.00	33.06 0.77 -0.70	40.17 0.86 -6.50	35.09 0.96 -0.09	37.29 1.08 -0.01	42.85 1.36 0.00	57.46 1.83 0.00	55.36 1.83 -0.05	62.84 2.00 -14.20	34.36 1.41 0.00	32.76 1.21 0.00	30.03 1.14 0.00	31.30 0.98 0.00	31.29 0.75 0.00	28.53 0.68 0.00	22.84 0.60 0.00	21.28 0.53 -0.14

ATHENS_STG_3 23677	32.80 0.99 0.00	31.48 0.83 0.00	29.31 0.85 0.00	30.94 0.86 0.00	30.13 0.80 0.00	27.38 0.80 0.00	30.73 0.75 -0.06	26.96 0.69 0.00	33.06 0.77 -0.70	40.17 0.86 -6.50	35.09 0.96 -0.09	37.29 1.08 -0.01	42.85 1.36 0.00	57.46 1.83 0.00	55.36 1.83 -0.05	62.84 2.00 -14.20	34.36 1.41 0.00	32.76 1.21 0.00	30.03 1.14 0.00	31.30 0.98 0.00	31.29 0.75 0.00	28.53 0.68 0.00	22.84 0.60 0.00	21.28 0.53 -0.14
AUBURN____LFGE 323710	32.31 0.51 0.00	31.23 0.59 0.00	28.96 0.50 0.00	30.63 0.56 0.00	29.81 0.48 0.00	27.12 0.53 0.00	30.69 0.78 0.00	26.92 0.65 0.00	32.37 0.78 0.00	33.68 0.86 0.00	34.68 0.65 0.00	37.21 0.90 -0.12	44.09 1.16 -1.44	60.53 1.42 -3.48	58.19 1.58 -3.12	50.81 1.90 -2.27	34.33 1.24 -0.15	32.86 1.31 0.00	30.18 1.30 0.00	31.60 1.21 -0.07	31.72 1.11 -0.07	28.87 1.03 0.00	22.76 0.52 0.00	21.06 0.45 0.00
BABYLON_RES_REC 323704	35.21 2.71 -0.69	32.96 2.32 0.00	30.56 2.09 0.00	32.03 1.95 0.00	31.13 1.80 0.00	28.44 1.85 0.00	32.22 2.11 -0.20	28.29 2.02 0.00	36.66 2.51 -2.56	59.22 2.46 -23.94	36.56 2.22 -0.30	38.61 2.37 -0.05	44.27 2.77 0.00	59.13 3.50 0.00	57.32 3.66 -0.17	99.46 4.02 -48.80	37.96 3.05 -1.97	34.65 2.59 -0.51	31.17 2.29 0.00	32.05 1.73 0.00	31.89 1.35 0.00	29.36 1.51 0.00	23.62 1.38 0.00	22.48 1.33 -0.53
BABYLON__69_KV_BK2 356345	35.62 3.12 -0.69	33.36 2.71 0.00	30.91 2.44 0.00	32.38 2.31 0.00	31.45 2.12 0.00	28.73 2.15 0.00	32.58 2.47 -0.20	28.60 2.33 0.00	37.09 2.94 -2.56	59.83 3.08 -23.94	37.29 2.95 -0.30	39.41 3.17 -0.05	45.29 3.79 0.00	60.65 5.03 0.00	58.78 5.08 -0.20	100.75 5.16 -48.95	40.84 3.84 -4.06	36.53 3.35 -1.63	31.86 2.97 0.00	32.72 2.40 0.00	32.58 2.04 0.00	29.83 1.98 0.00	23.82 1.58 0.00	22.67 1.53 -0.53
BARON_WINDS____WT_PWR 323822	32.75 0.94 0.00	31.83 1.18 0.00	29.18 0.72 0.00	30.99 0.91 0.00	30.16 0.83 0.00	27.37 0.79 0.00	31.23 1.31 0.00	27.28 1.01 0.00	32.93 1.34 0.00	34.29 1.47 0.00	35.17 1.13 0.00	37.46 1.26 0.00	42.80 1.30 0.00	57.51 1.89 0.00	55.69 2.20 0.00	48.89 2.25 0.00	34.50 1.55 0.00	33.09 1.54 0.00	30.37 1.49 0.00	31.91 1.59 0.00	31.84 1.30 0.00	29.18 1.33 0.00	22.98 0.74 0.00	21.36 0.75 0.00
BARRETT_IC_1 23704	34.80 2.30 -0.69	32.59 1.95 0.00	30.21 1.75 0.00	31.70 1.63 0.00	30.84 1.50 0.00	28.17 1.58 0.00	31.78 1.67 -0.20	27.84 1.57 0.00	36.02 1.87 -2.56	58.77 2.02 -23.94	36.37 2.03 -0.30	38.48 2.24 -0.05	44.18 2.69 0.00	59.09 3.46 0.00	57.21 3.57 -0.15	99.19 3.81 -48.74	36.70 2.73 -1.03	33.87 2.32 0.00	30.97 2.08 0.00	31.93 1.61 0.00	31.81 1.28 0.00	29.25 1.40 0.00	23.47 1.23 0.00	22.31 1.17 -0.53
BARRETT_IC_10 23701	34.80 2.30 -0.69	32.59 1.95 0.00	30.21 1.75 0.00	31.70 1.63 0.00	30.84 1.50 0.00	28.17 1.58 0.00	31.78 1.67 -0.20	27.84 1.57 0.00	36.02 1.87 -2.56	58.77 2.02 -23.94	36.37 2.03 -0.30	38.48 2.24 -0.05	44.18 2.69 0.00	59.09 3.46 0.00	57.21 3.57 -0.15	99.19 3.81 -48.74	36.70 2.73 -1.03	33.87 2.32 0.00	30.97 2.08 0.00	31.93 1.61 0.00	31.81 1.28 0.00	29.25 1.40 0.00	23.47 1.23 0.00	22.31 1.17 -0.53
BARRETT_IC_11 23702	34.80 2.30 -0.69	32.59 1.95 0.00	30.21 1.75 0.00	31.70 1.63 0.00	30.84 1.50 0.00	28.17 1.58 0.00	31.78 1.67 -0.20	27.84 1.57 0.00	36.02 1.87 -2.56	58.77 2.02 -23.94	36.37 2.03 -0.30	38.48 2.24 -0.05	44.18 2.69 0.00	59.09 3.46 0.00	57.21 3.57 -0.15	99.19 3.81 -48.74	36.70 2.73 -1.03	33.87 2.32 0.00	30.97 2.08 0.00	31.93 1.61 0.00	31.81 1.28 0.00	29.25 1.40 0.00	23.47 1.23 0.00	22.31 1.17 -0.53
BARRETT_IC_12 23703	34.80 2.30 -0.69	32.59 1.95 0.00	30.21 1.75 0.00	31.70 1.63 0.00	30.84 1.50 0.00	28.17 1.58 0.00	31.78 1.67 -0.20	27.84 1.57 0.00	36.02 1.87 -2.56	58.77 2.02 -23.94	36.37 2.03 -0.30	38.48 2.24 -0.05	44.18 2.69 0.00	59.09 3.46 0.00	57.21 3.57 -0.15	99.19 3.81 -48.74	36.70 2.73 -1.03	33.87 2.32 0.00	30.97 2.08 0.00	31.93 1.61 0.00	31.81 1.28 0.00	29.25 1.40 0.00	23.47 1.23 0.00	22.31 1.17 -0.53
BARRETT_IC_2 23705	34.80 2.30 -0.69	32.59 1.95 0.00	30.21 1.75 0.00	31.70 1.63 0.00	30.84 1.50 0.00	28.17 1.58 0.00	31.78 1.67 -0.20	27.84 1.57 0.00	36.02 1.87 -2.56	58.77 2.02 -23.94	36.37 2.03 -0.30	38.48 2.24 -0.05	44.18 2.69 0.00	59.09 3.46 0.00	57.21 3.57 -0.15	99.19 3.81 -48.74	36.70 2.73 -1.03	33.87 2.32 0.00	30.97 2.08 0.00	31.93 1.61 0.00	31.81 1.28 0.00	29.25 1.40 0.00	23.47 1.23 0.00	22.31 1.17 -0.53
BARRETT_IC_3 23706	34.80 2.30 -0.69	32.59 1.95 0.00	30.21 1.75 0.00	31.70 1.63 0.00	30.84 1.50 0.00	28.17 1.58 0.00	31.78 1.67 -0.20	27.84 1.57 0.00	36.02 1.87 -2.56	58.77 2.02 -23.94	36.37 2.03 -0.30	38.48 2.24 -0.05	44.18 2.69 0.00	59.09 3.46 0.00	57.21 3.57 -0.15	99.19 3.81 -48.74	36.70 2.73 -1.03	33.87 2.32 0.00	30.97 2.08 0.00	31.93 1.61 0.00	31.81 1.28 0.00	29.25 1.40 0.00	23.47 1.23 0.00	22.31 1.17 -0.53
BARRETT_IC_4 23707	34.80 2.30 -0.69	32.59 1.95 0.00	30.21 1.75 0.00	31.70 1.63 0.00	30.84 1.50 0.00	28.17 1.58 0.00	31.78 1.67 -0.20	27.84 1.57 0.00	36.02 1.87 -2.56	58.77 2.02 -23.94	36.37 2.03 -0.30	38.48 2.24 -0.05	44.18 2.69 0.00	59.09 3.46 0.00	57.21 3.57 -0.15	99.19 3.81 -48.74	36.70 2.73 -1.03	33.87 2.32 0.00	30.97 2.08 0.00	31.93 1.61 0.00	31.81 1.28 0.00	29.25 1.40 0.00	23.47 1.23 0.00	22.31 1.17 -0.53
BARRETT_IC_5 23708	34.80 2.30 -0.69	32.59 1.95 0.00	30.21 1.75 0.00	31.70 1.63 0.00	30.84 1.50 0.00	28.17 1.58 0.00	31.78 1.67 -0.20	27.84 1.57 0.00	36.02 1.87 -2.56	58.77 2.02 -23.94	36.37 2.03 -0.30	38.48 2.24 -0.05	44.18 2.69 0.00	59.09 3.46 0.00	57.21 3.57 -0.15	99.19 3.81 -48.74	36.70 2.73 -1.03	33.87 2.32 0.00	30.97 2.08 0.00	31.93 1.61 0.00	31.81 1.28 0.00	29.25 1.40 0.00	23.47 1.23 0.00	22.31 1.17 -0.53
BARRETT_IC_6 23709	34.80 2.30 -0.69	32.59 1.95 0.00	30.21 1.75 0.00	31.70 1.63 0.00	30.84 1.50 0.00	28.17 1.58 0.00	31.78 1.67 -0.20	27.84 1.57 0.00	36.02 1.87 -2.56	58.77 2.02 -23.94	36.37 2.03 -0.30	38.48 2.24 -0.05	44.18 2.69 0.00	59.09 3.46 0.00	57.21 3.57 -0.15	99.19 3.81 -48.74	36.70 2.73 -1.03	33.87 2.32 0.00	30.97 2.08 0.00	31.93 1.61 0.00	31.81 1.28 0.00	29.25 1.40 0.00	23.47 1.23 0.00	22.31 1.17 -0.53
BARRETT_IC_7 23710	34.80 2.30 -0.69	32.59 1.95 0.00	30.22 1.75 0.00	31.70 1.63 0.00	30.84 1.50 0.00	28.17 1.58 0.00	31.78 1.67 -0.20	27.84 1.57 0.00	36.02 1.88 -2.56	58.77 2.01 -23.94	36.37 2.03 -0.30	38.49 2.25 -0.05	44.19 2.69 0.00	59.09 3.46 0.00	57.21 3.57 -0.15	99.17 3.80 -48.74	36.70 2.73 -1.03	33.88 2.33 0.00	30.96 2.08 0.00	31.94 1.62 0.00	31.81 1.28 0.00	29.25 1.40 0.00	23.48 1.23 0.00	22.31 1.17 -0.53

BARRETT_IC_8 23711	34.80 2.30 -0.69	32.59 1.95 0.00	30.21 1.75 0.00	31.70 1.63 0.00	30.84 1.50 0.00	28.17 1.58 0.00	31.78 1.67 -0.20	27.84 1.57 0.00	36.02 1.87 -2.56	58.77 2.02 -23.94	36.37 2.03 -0.30	38.48 2.24 -0.05	44.18 2.69 0.00	59.09 3.46 0.00	57.21 3.57 -0.15	99.19 3.81 -48.74	36.70 2.73 -1.03	33.87 2.32 0.00	30.97 2.08 0.00	31.93 1.61 0.00	31.81 1.28 0.00	29.25 1.40 0.00	23.47 1.23 0.00	22.31 1.17 -0.53
BARRETT_IC_9 23700	34.80 2.30 -0.69	32.59 1.95 0.00	30.21 1.75 0.00	31.70 1.63 0.00	30.84 1.50 0.00	28.17 1.58 0.00	31.78 1.67 -0.20	27.84 1.57 0.00	36.02 1.87 -2.56	58.77 2.02 -23.94	36.37 2.03 -0.30	38.48 2.24 -0.05	44.18 2.69 0.00	59.09 3.46 0.00	57.21 3.57 -0.15	99.19 3.81 -48.74	36.70 2.73 -1.03	33.87 2.32 0.00	30.97 2.08 0.00	31.93 1.61 0.00	31.81 1.28 0.00	29.25 1.40 0.00	23.47 1.23 0.00	22.31 1.17 -0.53
BARRETT___1 23545	34.80 2.30 -0.69	32.59 1.95 0.00	30.21 1.75 0.00	31.70 1.63 0.00	30.84 1.50 0.00	28.17 1.58 0.00	31.78 1.67 -0.20	27.84 1.57 0.00	36.02 1.87 -2.56	58.77 2.02 -23.94	36.37 2.03 -0.30	38.48 2.24 -0.05	44.18 2.69 0.00	59.09 3.46 0.00	57.21 3.57 -0.15	99.19 3.81 -48.74	36.70 2.73 -1.03	33.87 2.32 0.00	30.97 2.08 0.00	31.93 1.61 0.00	31.81 1.28 0.00	29.25 1.40 0.00	23.47 1.23 0.00	22.31 1.17 -0.53
BARRETT___2 23546	34.80 2.30 -0.69	32.59 1.95 0.00	30.21 1.75 0.00	31.70 1.63 0.00	30.84 1.50 0.00	28.17 1.58 0.00	31.78 1.67 -0.20	27.84 1.57 0.00	36.02 1.87 -2.56	58.77 2.02 -23.94	36.37 2.03 -0.30	38.48 2.24 -0.05	44.18 2.69 0.00	59.09 3.46 0.00	57.21 3.57 -0.15	99.19 3.81 -48.74	36.70 2.73 -1.03	33.87 2.32 0.00	30.97 2.08 0.00	31.93 1.61 0.00	31.81 1.28 0.00	29.25 1.40 0.00	23.47 1.23 0.00	22.31 1.17 -0.53
BATAVIA___115KV_TB1 55881	33.56 1.75 0.00	32.71 2.07 0.00	29.92 1.46 0.00	31.57 1.50 0.00	31.03 1.70 0.00	27.95 1.36 0.00	31.87 1.95 0.00	27.68 1.42 0.00	33.50 1.91 0.00	34.83 2.01 0.00	35.65 1.61 0.00	37.72 1.56 0.03	42.82 1.70 0.37	57.24 2.51 0.91	55.54 2.86 0.81	49.19 3.14 0.59	35.08 2.18 0.04	33.80 2.25 0.00	31.16 2.28 0.00	32.89 2.59 0.02	32.81 2.29 0.02	30.01 2.16 0.00	23.45 1.20 0.00	21.99 1.38 0.00
BAYONEEC___CTG1 323682	33.62 1.81 0.00	32.17 1.52 0.00	29.86 1.39 0.00	31.41 1.33 0.00	30.59 1.26 0.00	27.93 1.34 0.00	31.67 1.56 -0.20	27.88 1.61 0.00	36.00 1.83 -2.57	58.93 1.98 -24.13	36.39 2.17 -0.18	35.58 2.37 2.99	39.50 2.87 4.86	39.21 3.90 20.32	51.98 4.00 5.51	37.41 3.96 13.19	35.60 2.66 0.00	33.90 2.35 0.00	31.17 2.29 0.00	32.33 2.01 0.00	32.20 1.66 0.00	29.43 1.58 0.00	23.63 1.39 0.00	22.30 1.16 -0.54
BAYONEEC___CTG10 323750	33.62 1.81 0.00	32.17 1.52 0.00	29.86 1.39 0.00	31.41 1.33 0.00	30.59 1.26 0.00	27.93 1.34 0.00	31.67 1.56 -0.20	27.88 1.61 0.00	36.00 1.83 -2.57	58.93 1.98 -24.13	36.39 2.17 -0.18	35.58 2.37 2.99	39.50 2.87 4.86	39.21 3.90 20.32	51.98 4.00 5.51	37.41 3.96 13.19	35.60 2.66 0.00	33.90 2.35 0.00	31.17 2.29 0.00	32.33 2.01 0.00	32.20 1.66 0.00	29.43 1.58 0.00	23.63 1.39 0.00	22.30 1.16 -0.54
BAYONEEC___CTG2 323683	33.62 1.81 0.00	32.17 1.52 0.00	29.86 1.39 0.00	31.41 1.33 0.00	30.59 1.26 0.00	27.93 1.34 0.00	31.67 1.56 -0.20	27.88 1.61 0.00	36.00 1.83 -2.57	58.93 1.98 -24.13	36.39 2.17 -0.18	35.58 2.37 2.99	39.50 2.87 4.86	39.21 3.90 20.32	51.98 4.00 5.51	37.41 3.96 13.19	35.60 2.66 0.00	33.90 2.35 0.00	31.17 2.29 0.00	32.33 2.01 0.00	32.20 1.66 0.00	29.43 1.58 0.00	23.63 1.39 0.00	22.30 1.16 -0.54
BAYONEEC___CTG3 323684	33.62 1.81 0.00	32.17 1.52 0.00	29.86 1.39 0.00	31.41 1.33 0.00	30.59 1.26 0.00	27.93 1.34 0.00	31.67 1.56 -0.20	27.88 1.61 0.00	36.00 1.83 -2.57	58.93 1.98 -24.13	36.39 2.17 -0.18	35.58 2.37 2.99	39.50 2.87 4.86	39.21 3.90 20.32	51.98 4.00 5.51	37.41 3.96 13.19	35.60 2.66 0.00	33.90 2.35 0.00	31.17 2.29 0.00	32.33 2.01 0.00	32.20 1.66 0.00	29.43 1.58 0.00	23.63 1.39 0.00	22.30 1.16 -0.54
BAYONEEC___CTG4 323685	33.62 1.81 0.00	32.17 1.52 0.00	29.86 1.39 0.00	31.41 1.33 0.00	30.59 1.26 0.00	27.93 1.34 0.00	31.67 1.56 -0.20	27.88 1.61 0.00	36.00 1.83 -2.57	58.93 1.98 -24.13	36.39 2.17 -0.18	35.58 2.37 2.99	39.50 2.87 4.86	39.21 3.90 20.32	51.98 4.00 5.51	37.41 3.96 13.19	35.60 2.66 0.00	33.90 2.35 0.00	31.17 2.29 0.00	32.33 2.01 0.00	32.20 1.66 0.00	29.43 1.58 0.00	23.63 1.39 0.00	22.30 1.16 -0.54
BAYONEEC___CTG5 323686	33.62 1.81 0.00	32.17 1.52 0.00	29.86 1.39 0.00	31.41 1.33 0.00	30.59 1.26 0.00	27.93 1.34 0.00	31.67 1.56 -0.20	27.88 1.61 0.00	36.00 1.83 -2.57	58.93 1.98 -24.13	36.39 2.17 -0.18	35.58 2.37 2.99	39.50 2.87 4.86	39.21 3.90 20.32	51.98 4.00 5.51	37.41 3.96 13.19	35.60 2.66 0.00	33.90 2.35 0.00	31.17 2.29 0.00	32.33 2.01 0.00	32.20 1.66 0.00	29.43 1.58 0.00	23.63 1.39 0.00	22.30 1.16 -0.54
BAYONEEC___CTG6 323687	33.62 1.81 0.00	32.17 1.52 0.00	29.86 1.39 0.00	31.41 1.33 0.00	30.59 1.26 0.00	27.93 1.34 0.00	31.67 1.56 -0.20	27.88 1.61 0.00	36.00 1.83 -2.57	58.93 1.98 -24.13	36.39 2.17 -0.18	35.58 2.37 2.99	39.50 2.87 4.86	39.21 3.90 20.32	51.98 4.00 5.51	37.41 3.96 13.19	35.60 2.66 0.00	33.90 2.35 0.00	31.17 2.29 0.00	32.33 2.01 0.00	32.20 1.66 0.00	29.43 1.58 0.00	23.63 1.39 0.00	22.30 1.16 -0.54
BAYONEEC___CTG7 323688	33.62 1.81 0.00	32.17 1.52 0.00	29.86 1.39 0.00	31.41 1.33 0.00	30.59 1.26 0.00	27.93 1.34 0.00	31.67 1.56 -0.20	27.88 1.61 0.00	36.00 1.83 -2.57	58.93 1.98 -24.13	36.39 2.17 -0.18	35.58 2.37 2.99	39.50 2.87 4.86	39.21 3.90 20.32	51.98 4.00 5.51	37.41 3.96 13.19	35.60 2.66 0.00	33.90 2.35 0.00	31.17 2.29 0.00	32.33 2.01 0.00	32.20 1.66 0.00	29.43 1.58 0.00	23.63 1.39 0.00	22.30 1.16 -0.54
BAYONEEC___CTG8 323689	33.62 1.81 0.00	32.17 1.52 0.00	29.86 1.39 0.00	31.41 1.33 0.00	30.59 1.26 0.00	27.93 1.34 0.00	31.67 1.56 -0.20	27.88 1.61 0.00	36.00 1.83 -2.57	58.93 1.98 -24.13	36.39 2.17 -0.18	35.58 2.37 2.99	39.50 2.87 4.86	39.21 3.90 20.32	51.98 4.00 5.51	37.41 3.96 13.19	35.60 2.66 0.00	33.90 2.35 0.00	31.17 2.29 0.00	32.33 2.01 0.00	32.20 1.66 0.00	29.43 1.58 0.00	23.63 1.39 0.00	22.30 1.16 -0.54
BAYONEEC___CTG9 323749	33.62 1.81 0.00	32.17 1.52 0.00	29.86 1.39 0.00	31.41 1.33 0.00	30.59 1.26 0.00	27.93 1.34 0.00	31.67 1.56 -0.20	27.88 1.61 0.00	36.00 1.83 -2.57	58.93 1.98 -24.13	36.39 2.17 -0.18	35.58 2.37 2.99	39.50 2.87 4.86	39.21 3.90 20.32	51.98 4.00 5.51	37.41 3.96 13.19	35.60 2.66 0.00	33.90 2.35 0.00	31.17 2.29 0.00	32.33 2.01 0.00	32.20 1.66 0.00	29.43 1.58 0.00	23.63 1.39 0.00	22.30 1.16 -0.54

BEACON___LESR 323632	32.74 0.94 0.00	31.38 0.74 0.00	29.20 0.73 0.00	30.81 0.74 0.00	29.98 0.65 0.00	27.24 0.66 0.00	30.44 0.74 0.21	26.85 0.58 0.00	32.47 0.72 -0.16	37.94 0.78 -4.35	34.53 0.82 0.32	37.08 0.94 0.05	42.72 1.23 0.00	57.52 1.90 0.00	55.18 1.64 -0.04	62.06 1.71 -13.71	34.24 1.30 0.00	32.66 1.11 0.00	29.86 0.98 0.00	31.27 0.95 0.00	31.24 0.70 0.00	28.36 0.51 0.00	22.70 0.46 0.00	21.22 0.49 -0.12
BEAVER RIVER___HYD 24048	31.83 0.03 0.00	30.59 -0.06 0.00	28.03 -0.44 0.00	29.77 -0.30 0.00	29.52 0.19 0.00	27.13 0.54 0.00	30.62 0.71 0.00	26.94 0.67 0.00	32.36 0.77 0.00	33.51 0.70 0.00	34.81 0.77 0.00	37.08 0.81 -0.08	43.34 0.87 -0.97	59.04 1.25 -2.17	56.66 1.23 -1.93	48.88 0.84 -1.41	33.76 0.72 -0.09	32.41 0.86 0.00	29.74 0.85 0.00	31.48 1.12 -0.04	31.72 1.14 -0.05	28.47 0.62 0.00	22.34 0.10 0.00	20.56 -0.05 0.00
BEEBEE_GT_13 23619	32.71 0.91 0.00	31.81 1.17 0.00	29.24 0.77 0.00	30.85 0.78 0.00	30.24 0.91 0.00	27.28 0.69 0.00	30.99 1.08 0.00	27.05 0.78 0.00	32.72 1.13 0.00	34.05 1.23 0.00	34.96 0.92 0.00	37.08 0.93 0.04	42.07 1.05 0.47	56.13 1.64 1.14	54.37 1.90 1.02	48.12 2.22 0.74	34.46 1.57 0.05	33.10 1.55 0.00	30.43 1.55 0.00	31.98 1.69 0.02	31.95 1.43 0.02	29.20 1.35 0.00	22.95 0.71 0.00	21.43 0.83 0.00
BENSHRST_27_KV_BENSHRST_1 355998	34.14 2.34 0.00	32.65 2.00 0.00	30.29 1.82 0.00	31.78 1.71 0.00	30.98 1.65 0.00	28.31 1.72 0.00	32.09 1.98 -0.20	28.26 1.99 0.00	36.46 2.29 -2.57	59.44 2.50 -24.12	37.04 2.70 -0.30	39.21 2.97 -0.05	44.96 3.47 0.00	60.32 4.69 0.00	58.48 4.83 -0.15	99.67 4.47 -48.57	35.95 3.00 0.00	34.23 2.68 0.00	31.51 2.62 0.00	32.73 2.41 0.00	32.60 2.06 0.00	29.89 2.03 0.00	23.99 1.74 0.00	22.61 1.47 -0.54
BETHLEHEM___GRP 23843	32.24 0.44 0.00	30.94 0.30 0.00	28.83 0.36 0.00	30.43 0.36 0.00	29.63 0.30 0.00	26.91 0.33 0.00	29.95 0.24 0.20	26.43 0.16 0.00	31.92 0.15 -0.17	37.37 0.17 -4.38	33.94 0.21 0.31	36.41 0.26 0.05	41.89 0.40 0.00	56.30 0.68 0.00	54.20 0.66 -0.04	61.18 0.92 -13.61	33.64 0.70 0.00	32.07 0.53 0.00	29.37 0.49 0.00	30.70 0.38 0.00	30.70 0.16 0.00	27.91 0.06 0.00	22.36 0.13 0.00	20.89 0.15 -0.12
BETHLEHEM___GS1 323560	32.24 0.44 0.00	30.94 0.30 0.00	28.83 0.37 0.00	30.43 0.36 0.00	29.63 0.30 0.00	26.91 0.33 0.00	29.95 0.24 0.20	26.43 0.16 0.00	31.92 0.15 -0.17	37.37 0.18 -4.38	33.94 0.21 0.31	36.41 0.26 0.05	41.89 0.40 0.00	56.30 0.68 0.00	54.20 0.66 -0.04	61.18 0.92 -13.61	33.64 0.70 0.00	32.07 0.51 0.00	29.37 0.49 0.00	30.70 0.38 0.00	30.70 0.16 0.00	27.91 0.06 0.00	22.36 0.13 0.00	20.89 0.16 -0.12
BETHLEHEM___GS2 323561	32.24 0.44 0.00	30.94 0.30 0.00	28.83 0.37 0.00	30.43 0.36 0.00	29.63 0.30 0.00	26.91 0.33 0.00	29.95 0.24 0.20	26.43 0.16 0.00	31.92 0.15 -0.17	37.37 0.18 -4.38	33.94 0.21 0.31	36.41 0.26 0.05	41.89 0.40 0.00	56.30 0.68 0.00	54.20 0.66 -0.04	61.18 0.92 -13.61	33.64 0.70 0.00	32.07 0.51 0.00	29.37 0.49 0.00	30.70 0.38 0.00	30.70 0.16 0.00	27.91 0.06 0.00	22.36 0.13 0.00	20.89 0.16 -0.12
BETHLEHEM___GS3 323562	32.24 0.44 0.00	30.94 0.30 0.00	28.83 0.37 0.00	30.43 0.36 0.00	29.63 0.30 0.00	26.91 0.33 0.00	29.95 0.24 0.20	26.43 0.16 0.00	31.92 0.15 -0.17	37.37 0.18 -4.38	33.94 0.21 0.31	36.41 0.26 0.05	41.89 0.40 0.00	56.30 0.68 0.00	54.20 0.66 -0.04	61.18 0.92 -13.61	33.64 0.70 0.00	32.07 0.51 0.00	29.37 0.49 0.00	30.70 0.38 0.00	30.70 0.16 0.00	27.91 0.06 0.00	22.36 0.13 0.00	20.89 0.16 -0.12
BETHLEHEM___STEEL 23779	33.13 1.33 0.00	32.36 1.71 0.00	29.56 1.10 0.00	31.23 1.16 0.00	30.63 1.30 0.00	27.61 1.02 0.00	31.55 1.64 0.00	27.40 1.13 0.00	33.17 1.58 0.00	34.50 1.69 0.00	35.28 1.24 0.00	37.46 1.27 0.00	42.82 1.33 0.00	57.61 1.98 0.00	55.85 2.36 0.00	49.30 2.66 0.00	34.76 1.82 0.00	33.39 1.84 0.00	30.81 1.93 0.00	32.38 2.06 0.00	32.25 1.71 0.00	29.54 1.69 0.00	23.11 0.87 0.00	21.69 1.09 0.00
BETHLHEM_115KV_TB1 79974	32.34 0.53 0.00	31.04 0.39 0.00	28.92 0.45 0.00	30.52 0.45 0.00	29.72 0.39 0.00	27.00 0.41 0.00	30.05 0.33 0.19	26.51 0.25 0.00	32.03 0.25 -0.19	37.50 0.28 -4.40	34.06 0.31 0.29	36.52 0.38 0.05	42.02 0.52 0.00	56.45 0.82 0.00	54.35 0.81 -0.04	61.22 1.05 -13.53	33.73 0.78 0.00	32.16 0.61 0.00	29.45 0.57 0.00	30.78 0.46 0.00	30.78 0.24 0.00	28.01 0.15 0.00	22.43 0.19 0.00	20.95 0.22 -0.12
BETHPAGE_CC_5 323564	35.08 2.58 -0.69	32.83 2.19 0.00	30.43 1.97 0.00	31.91 1.84 0.00	31.03 1.70 0.00	28.34 1.75 0.00	32.10 1.99 -0.20	28.14 1.87 0.00	36.46 2.31 -2.56	59.20 2.45 -23.94	36.79 2.45 -0.30	38.94 2.70 -0.05	44.71 3.22 0.00	59.94 4.31 0.00	58.07 4.43 -0.15	99.97 4.60 -48.74	37.52 3.32 -1.26	34.50 2.81 -0.13	31.40 2.52 0.00	32.33 2.00 0.00	32.18 1.64 0.00	29.48 1.63 0.00	23.57 1.32 0.00	22.42 1.27 -0.53
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	33.19 1.39 0.00	32.40 1.76 0.00	29.61 1.15 0.00	31.29 1.21 0.00	30.68 1.35 0.00	27.65 1.06 0.00	31.61 1.70 0.00	27.46 1.19 0.00	33.27 1.67 0.00	34.60 1.78 0.00	35.38 1.34 0.00	37.58 1.39 0.00	42.98 1.49 0.00	57.82 2.20 0.00	56.08 2.58 0.00	49.48 2.84 0.00	34.87 1.93 0.00	33.50 1.94 0.00	30.92 2.04 0.00	32.49 2.17 0.00	32.34 1.81 0.00	29.62 1.77 0.00	23.17 0.93 0.00	21.73 1.12 0.00
BINGHAMTON___COGEN 23790	32.38 0.57 0.00	31.28 0.63 0.00	28.94 0.48 0.00	30.66 0.59 0.00	29.78 0.45 0.00	27.05 0.46 0.00	30.61 0.70 0.00	26.85 0.58 0.00	32.35 0.75 0.00	33.66 0.84 0.00	34.76 0.72 0.00	37.13 0.89 -0.04	43.07 1.05 -0.52	58.32 1.42 -1.27	56.23 1.60 -1.14	49.12 1.66 -0.83	34.13 1.13 -0.06	32.62 1.07 0.00	29.93 1.05 0.00	31.36 1.01 -0.03	31.37 0.80 -0.03	28.64 0.79 0.00	22.71 0.46 0.00	21.02 0.40 0.00
BIXINCNT_115KV_LOAD 355685	33.22 1.42 0.00	32.42 1.78 0.00	29.68 1.22 0.00	31.38 1.30 0.00	30.72 1.39 0.00	27.75 1.16 0.00	31.79 1.88 0.00	27.68 1.42 0.00	33.54 1.95 0.00	34.90 2.08 0.00	35.62 1.58 0.00	37.86 1.66 0.00	43.24 1.75 0.00	58.10 2.48 0.00	56.31 2.82 0.00	49.55 2.91 0.00	34.62 1.68 0.00	33.32 1.78 0.00	30.94 2.05 0.00	32.43 2.11 0.00	32.25 1.71 0.00	29.51 1.66 0.00	23.11 0.88 0.00	21.62 1.01 0.00
BLACK RIVER___HYD 24047	32.13 0.32 0.00	30.91 0.27 0.00	28.29 -0.18 0.00	30.06 -0.01 0.00	29.84 0.51 0.00	27.45 0.86 0.00	31.02 1.11 0.00	27.30 1.04 0.00	32.76 1.17 0.00	33.93 1.11 0.00	35.28 1.24 0.00	37.63 1.32 -0.12	44.42 1.41 -1.51	61.12 1.96 -3.53	58.63 1.97 -3.17	50.59 1.65 -2.30	34.41 1.32 -0.15	33.01 1.46 0.00	30.41 1.52 0.00	32.12 1.72 -0.07	32.32 1.71 -0.07	28.84 0.99 0.00	22.51 0.27 0.00	20.71 0.10 0.00

BLACKRVR_115KV_TB2 79977	32.13 0.32 0.00	30.90 0.26 0.00	28.29 -0.18 0.00	30.06 -0.01 0.00	29.84 0.51 0.00	27.45 0.86 0.00	31.02 1.11 0.00	27.31 1.04 0.00	32.76 1.17 0.00	33.93 1.11 0.00	35.28 1.24 0.00	37.63 1.31 -0.12	44.43 1.42 -1.51	61.13 1.96 -3.53	58.63 1.97 -3.17	50.59 1.65 -2.30	34.41 1.32 -0.15	33.01 1.46 0.00	30.41 1.52 0.00	32.12 1.72 -0.07	32.32 1.71 -0.07	28.84 0.99 0.00	22.51 0.27 0.00	20.71 0.10 0.00
BLISS_WT_PWR 323608	33.24 1.43 0.00	32.45 1.81 0.00	29.70 1.24 0.00	31.40 1.32 0.00	30.75 1.42 0.00	27.78 1.19 0.00	31.83 1.92 0.00	27.71 1.44 0.00	33.59 2.00 0.00	34.94 2.13 0.00	35.65 1.62 0.00	37.88 1.69 0.00	43.22 1.72 0.00	58.13 2.50 0.00	56.34 2.85 0.00	49.57 2.93 0.00	34.57 1.63 0.00	33.33 1.78 0.00	30.97 2.08 0.00	32.48 2.15 0.00	32.26 1.72 0.00	29.51 1.66 0.00	23.10 0.86 0.00	21.60 0.99 0.00
BLUE_CIRC_CHEM_DRP 24182	32.74 0.93 0.00	31.47 0.83 0.00	29.32 0.85 0.00	30.97 0.90 0.00	30.16 0.83 0.00	27.38 0.79 0.00	30.52 0.76 0.14	26.83 0.57 0.00	32.44 0.61 -0.23	37.66 0.60 -4.25	34.42 0.60 0.22	36.79 0.64 0.03	42.29 0.79 0.00	56.88 1.25 0.00	54.72 1.19 -0.04	60.28 1.38 -12.26	33.98 1.04 0.00	32.43 0.87 0.00	29.71 0.83 0.00	31.10 0.78 0.00	31.13 0.60 0.00	28.31 0.46 0.00	22.68 0.44 0.00	21.20 0.47 -0.11
BOC_GAS_DRP 24189	32.55 0.75 0.00	31.27 0.63 0.00	29.12 0.66 0.00	30.75 0.68 0.00	29.95 0.62 0.00	27.19 0.60 0.00	30.32 0.54 0.14	26.71 0.45 0.00	32.34 0.48 -0.27	37.87 0.51 -4.54	34.38 0.55 0.21	36.78 0.62 0.03	42.29 0.79 0.00	56.77 1.14 0.00	54.64 1.10 -0.04	61.04 1.31 -13.09	33.91 0.97 0.00	32.35 0.80 0.00	29.63 0.74 0.00	30.97 0.64 0.00	30.99 0.45 0.00	28.21 0.36 0.00	22.59 0.36 0.00	21.09 0.36 -0.12
BOONVLE_115KV_TB1 79983	32.35 0.55 0.00	31.09 0.44 0.00	28.68 0.21 0.00	30.39 0.32 0.00	29.85 0.52 0.00	27.35 0.76 0.00	30.84 0.93 0.00	27.12 0.85 0.00	32.62 1.03 0.00	33.86 1.05 0.00	35.18 1.14 0.00	37.50 1.27 -0.04	43.54 1.61 -0.43	58.98 2.19 -1.16	56.65 2.11 -1.05	49.06 1.66 -0.76	34.22 1.22 -0.05	32.83 1.28 0.00	30.13 1.25 0.00	31.69 1.34 -0.02	31.83 1.27 -0.02	28.74 0.89 0.00	22.70 0.46 0.00	20.94 0.33 0.00
BORALEX_4TH_BRANCH 23824	33.20 1.39 0.00	31.95 1.30 0.00	29.82 1.36 0.00	31.54 1.47 0.00	30.66 1.33 0.00	27.79 1.21 0.00	30.67 1.25 0.48	27.05 0.79 0.00	32.20 0.86 0.24	37.41 0.92 -3.67	34.31 1.01 0.73	37.19 1.11 0.11	42.92 1.43 0.00	57.68 2.05 0.00	55.58 2.03 -0.05	64.40 2.08 -15.68	34.53 1.59 0.00	32.91 1.36 0.00	30.16 1.27 0.00	31.68 1.36 0.00	31.61 1.07 0.00	28.70 0.85 0.00	22.99 0.75 0.01	21.51 0.77 -0.14
BOWLINE___1 23526	33.13 1.32 0.00	31.73 1.09 0.00	29.51 1.05 0.00	31.05 0.97 0.00	30.25 0.92 0.00	27.63 1.04 0.00	31.29 1.20 -0.18	27.47 1.20 0.00	30.01 1.32 2.90	1.90 1.45 32.36	35.96 1.64 -0.27	38.11 1.88 -0.04	43.78 2.29 0.00	58.73 3.10 0.00	56.53 3.21 0.17	-5.39 3.24 55.27	35.15 2.21 0.00	33.47 1.92 0.00	30.71 1.82 0.00	31.90 1.58 0.00	31.79 1.25 0.00	29.03 1.18 0.00	23.26 1.02 0.00	20.68 0.84 0.77
BOWLINE___2 23595	33.19 1.38 0.00	31.77 1.13 0.00	29.54 1.07 0.00	31.08 1.01 0.00	30.29 0.96 0.00	27.64 1.06 0.00	31.32 1.23 -0.18	27.50 1.23 0.00	30.07 1.38 2.91	1.93 1.51 32.39	36.03 1.71 -0.27	38.18 1.94 -0.04	43.86 2.37 0.00	58.84 3.21 0.00	56.64 3.32 0.17	-5.33 3.34 55.30	35.21 2.27 0.00	33.53 1.98 0.00	30.77 1.88 0.00	31.96 1.64 0.00	31.85 1.32 0.00	29.09 1.24 0.00	23.30 1.06 0.00	20.71 0.87 0.77
BRADY___115KV_TB2 356060	31.68 -0.13 0.00	30.49 -0.15 0.00	28.24 -0.23 0.00	29.86 -0.21 0.00	29.26 -0.07 0.00	26.49 -0.10 0.00	29.94 0.03 0.00	26.34 0.08 0.00	31.72 0.13 0.00	32.84 0.02 0.00	34.09 0.05 0.00	36.12 -0.07 0.00	41.32 -0.17 0.00	55.29 -0.34 0.00	53.03 -0.46 0.00	45.46 -1.18 0.00	32.07 -0.87 0.00	30.90 -0.65 0.00	27.97 -0.91 0.00	30.03 -0.29 0.00	30.58 0.04 0.00	27.91 0.07 0.00	22.30 0.05 0.00	20.65 0.04 0.00
BRANSCOMB___SOLAR 323811	33.37 1.56 0.00	32.03 1.38 0.00	29.77 1.31 0.00	31.46 1.39 0.00	30.62 1.29 0.00	27.81 1.22 0.00	30.95 1.30 0.26	27.31 1.05 0.00	32.86 1.20 -0.07	38.05 1.20 -4.03	34.90 1.26 0.40	37.60 1.47 0.06	43.25 1.76 0.00	58.14 2.51 0.00	55.99 2.45 -0.04	62.89 2.72 -13.53	35.01 2.06 0.00	33.36 1.81 0.00	30.68 1.80 0.00	32.04 1.72 0.00	32.02 1.49 0.00	29.13 1.28 0.00	23.28 1.04 0.00	21.68 0.95 -0.12
BRENTWOD_69_KV_W. BRTWOOD 56703	35.35 2.84 -0.69	33.11 2.47 0.00	30.68 2.21 0.00	32.15 2.07 0.00	31.24 1.91 0.00	28.54 1.96 0.00	32.35 2.24 -0.20	28.39 2.12 0.00	36.82 2.67 -2.56	59.55 2.80 -23.94	36.92 2.58 -0.30	38.91 2.67 -0.05	44.65 3.16 0.00	59.77 4.14 0.00	57.82 4.13 -0.20	99.88 4.31 -48.93	40.25 3.24 -4.07	36.00 2.81 -1.64	31.41 2.52 0.00	32.25 1.93 0.00	32.17 1.63 0.00	29.44 1.59 0.00	23.50 1.26 0.00	22.42 1.28 -0.53
BRISTLHL_115KV_TB1 79998	31.42 -0.39 0.00	30.39 -0.25 0.00	28.19 -0.28 0.00	29.79 -0.28 0.00	29.02 -0.31 0.00	26.25 -0.33 0.00	29.58 -0.34 0.00	25.93 -0.34 0.00	31.15 -0.45 0.00	32.40 -0.42 0.00	33.55 -0.49 0.00	35.96 -0.50 -0.26	44.17 -0.52 -3.19	62.77 -0.58 -7.72	59.95 -0.48 -6.93	51.53 -0.15 -5.04	33.15 -0.13 -0.33	31.45 -0.09 0.00	28.90 0.02 0.00	30.45 -0.04 -0.16	30.51 -0.19 -0.16	27.69 -0.16 0.00	21.97 -0.27 0.00	20.37 -0.24 0.00
BROOKHAVEN___DRP 24191	35.11 2.61 -0.69	32.99 2.35 0.00	30.57 2.11 0.00	32.00 1.93 0.00	31.09 1.76 0.00	28.41 1.82 0.00	32.22 2.11 -0.20	28.16 1.89 0.00	36.55 2.40 -2.56	59.30 2.55 -23.94	36.72 2.38 -0.30	38.85 2.61 -0.05	44.61 3.12 0.00	59.77 4.15 0.00	58.16 4.26 -0.41	100.83 4.39 -49.79	52.09 3.36 -15.79	42.44 2.98 -7.92	31.60 2.71 0.00	32.38 2.06 0.00	32.16 1.62 0.00	29.37 1.52 0.00	23.44 1.20 0.00	22.37 1.23 -0.53
BROOKLYN_NAVY_YARD 23515	33.62 1.81 0.00	32.16 1.52 0.00	29.85 1.39 0.00	31.39 1.32 0.00	30.57 1.24 0.00	27.92 1.34 0.00	31.68 1.58 -0.20	27.90 1.63 0.00	36.04 1.87 -2.57	58.98 2.04 -24.13	36.54 2.20 -0.30	38.67 2.43 -0.05	44.41 2.91 0.00	59.60 3.98 0.00	57.71 4.07 -0.15	99.23 4.02 -48.58	35.63 2.69 0.00	33.93 2.38 0.00	31.17 2.29 0.00	32.34 2.02 0.00	32.18 1.64 0.00	29.43 1.58 0.00	23.65 1.40 0.00	22.32 1.18 -0.54
BROOKLYN___ARMY_DRP 323595	33.89 2.08 0.00	32.41 1.76 0.00	30.08 1.62 0.00	31.57 1.50 0.00	30.78 1.45 0.00	28.12 1.54 0.00	31.88 1.77 -0.20	28.06 1.79 0.00	36.20 2.04 -2.57	59.17 2.23 -24.12	36.74 2.40 -0.30	38.88 2.64 -0.05	44.58 3.08 0.00	59.78 4.15 0.00	57.94 4.29 -0.15	99.22 4.02 -48.57	35.66 2.72 0.00	33.96 2.41 0.00	31.26 2.38 0.00	32.46 2.14 0.00	32.33 1.80 0.00	29.65 1.80 0.00	23.80 1.56 0.00	22.45 1.30 -0.54

BROOKVLE_69_KV_TB1 55790	34.94 2.44 -0.69	32.73 2.08 0.00	30.35 1.89 0.00	31.87 1.80 0.00	31.00 1.67 0.00	28.31 1.72 0.00	32.08 1.97 -0.20	28.17 1.91 0.00	36.35 2.20 -2.56	59.17 2.42 -23.94	37.05 2.71 -0.30	39.19 2.95 -0.05	44.96 3.47 0.00	60.33 4.70 0.00	58.46 4.81 -0.15	100.17 4.79 -48.74	37.29 3.32 -1.03	34.38 2.83 0.00	31.44 2.56 0.00	32.48 2.16 0.00	32.35 1.81 0.00	29.57 1.72 0.00	23.65 1.41 0.00	22.49 1.34 -0.53
BROOME_2_LFGE 323671	32.38 0.57 0.00	31.28 0.63 0.00	28.94 0.48 0.00	30.66 0.58 0.00	29.78 0.45 0.00	27.05 0.46 0.00	30.61 0.70 0.00	26.85 0.58 0.00	32.35 0.76 0.00	33.65 0.84 0.00	34.76 0.72 0.00	37.13 0.89 -0.04	43.06 1.04 -0.52	58.32 1.42 -1.27	56.23 1.60 -1.14	49.12 1.65 -0.83	34.13 1.13 -0.06	32.62 1.07 0.00	29.93 1.05 0.00	31.36 1.01 -0.03	31.36 0.80 -0.03	28.64 0.79 0.00	22.71 0.46 0.00	21.02 0.41 0.00
BROOME___LFGE 323600	32.38 0.57 0.00	31.28 0.63 0.00	28.94 0.48 0.00	30.66 0.58 0.00	29.78 0.45 0.00	27.05 0.46 0.00	30.61 0.70 0.00	26.85 0.58 0.00	32.35 0.76 0.00	33.65 0.84 0.00	34.76 0.72 0.00	37.13 0.89 -0.04	43.06 1.04 -0.52	58.32 1.42 -1.27	56.23 1.60 -1.14	49.12 1.65 -0.83	34.13 1.13 -0.06	32.62 1.07 0.00	29.93 1.05 0.00	31.36 1.01 -0.03	31.36 0.80 -0.03	28.64 0.79 0.00	22.71 0.46 0.00	21.02 0.41 0.00
BROWNFLS_115KV_TB_3_5 80003	31.40 -0.41 0.00	30.18 -0.47 0.00	27.76 -0.71 0.00	29.46 -0.62 0.00	29.07 -0.26 0.00	26.53 -0.05 0.00	29.99 0.08 0.00	26.41 0.14 0.00	31.75 0.16 0.00	32.89 0.08 0.00	34.17 0.13 0.00	36.30 0.05 -0.06	42.17 0.00 -0.67	57.14 0.01 -1.50	54.79 -0.04 -1.34	47.12 -0.49 -0.97	32.73 -0.28 -0.07	31.45 -0.10 0.00	28.66 -0.22 0.00	30.58 0.22 -0.03	30.92 0.36 -0.03	27.93 0.08 0.00	22.08 -0.16 0.00	20.38 -0.23 0.00
BROWNSV1_27_KV_LOAD 356125	34.12 2.31 0.00	32.63 1.99 0.00	30.27 1.81 0.00	31.83 1.76 0.00	30.99 1.66 0.00	28.30 1.71 0.00	32.12 2.01 -0.20	28.28 2.01 0.00	36.51 2.34 -2.57	59.49 2.55 -24.13	37.10 2.76 -0.30	39.26 3.02 -0.05	45.11 3.62 0.00	60.57 4.94 0.00	58.65 5.01 -0.15	100.04 4.83 -48.58	36.16 3.22 0.00	34.43 2.88 0.00	31.62 2.74 0.00	32.82 2.50 0.00	32.67 2.13 0.00	29.88 2.03 0.00	23.96 1.72 0.00	22.61 1.46 -0.54
BURROWS___LYONSDAL 23803	32.20 0.39 0.00	30.95 0.30 0.00	28.47 0.01 0.00	30.20 0.12 0.00	29.77 0.44 0.00	27.31 0.73 0.00	30.81 0.89 0.00	27.09 0.82 0.00	32.59 0.99 0.00	33.85 1.04 0.00	35.17 1.13 0.00	37.45 1.23 -0.04	43.53 1.60 -0.43	58.98 2.01 -1.35	56.63 1.92 -1.22	49.01 1.48 -0.89	34.13 1.13 -0.06	32.74 1.19 0.00	30.05 1.17 0.00	31.65 1.30 -0.03	31.81 1.25 -0.03	28.67 0.82 0.00	22.60 0.36 0.00	20.84 0.23 0.00
CAITHNESS_CC_1 323624	35.08 2.58 -0.69	32.93 2.28 0.00	30.53 2.07 0.00	31.95 1.88 0.00	31.04 1.71 0.00	28.37 1.79 0.00	32.16 2.05 -0.20	28.13 1.86 0.00	36.51 2.36 -2.56	59.24 2.49 -23.94	36.65 2.31 -0.30	38.76 2.52 -0.05	44.51 3.01 0.00	59.62 3.99 0.00	57.99 4.09 -0.41	100.71 4.29 -49.78	51.91 3.27 -15.70	42.30 2.87 -7.87	31.50 2.61 0.00	32.30 1.97 0.00	32.09 1.55 0.00	29.32 1.47 0.00	23.40 1.16 0.00	22.35 1.20 -0.53
CALPINE BETH_PAGE_GT4 24209	35.03 2.53 -0.69	32.80 2.15 0.00	30.39 1.93 0.00	31.87 1.80 0.00	30.99 1.66 0.00	28.30 1.72 0.00	32.06 1.95 -0.20	28.05 1.78 0.00	36.34 2.20 -2.56	59.10 2.35 -23.94	36.73 2.39 -0.30	38.91 2.67 -0.05	44.67 3.17 0.00	59.89 4.26 0.00	58.05 4.40 -0.15	99.92 4.54 -48.74	37.42 3.28 -1.20	34.38 2.74 -0.10	31.32 2.44 0.00	32.26 1.94 0.00	32.11 1.57 0.00	29.42 1.57 0.00	23.51 1.27 0.00	22.37 1.22 -0.53
CALPINE_BETH_PAGE_GT_4 323586	35.03 2.53 -0.69	32.80 2.15 0.00	30.39 1.93 0.00	31.87 1.80 0.00	30.99 1.66 0.00	28.30 1.72 0.00	32.06 1.95 -0.20	28.05 1.78 0.00	36.34 2.20 -2.56	59.10 2.35 -23.94	36.73 2.39 -0.30	38.91 2.67 -0.05	44.68 3.18 0.00	59.88 4.26 0.00	58.05 4.41 -0.15	99.93 4.55 -48.74	37.42 3.28 -1.20	34.38 2.73 -0.10	31.32 2.44 0.00	32.25 1.93 0.00	32.11 1.57 0.00	29.42 1.57 0.00	23.51 1.27 0.00	22.37 1.23 -0.53
CALPINE_BP_GT1 23823	35.03 2.53 -0.69	32.80 2.15 0.00	30.39 1.93 0.00	31.87 1.80 0.00	30.99 1.66 0.00	28.30 1.72 0.00	32.06 1.95 -0.20	28.05 1.78 0.00	36.34 2.20 -2.56	59.10 2.35 -23.94	36.73 2.39 -0.30	38.91 2.67 -0.05	44.68 3.18 0.00	59.88 4.26 0.00	58.05 4.41 -0.15	99.93 4.55 -48.74	37.42 3.28 -1.20	34.38 2.73 -0.10	31.32 2.44 0.00	32.25 1.93 0.00	32.11 1.57 0.00	29.42 1.57 0.00	23.51 1.27 0.00	22.37 1.23 -0.53
CALSPAN___DRP 24200	33.13 1.33 0.00	32.36 1.71 0.00	29.56 1.10 0.00	31.23 1.16 0.00	30.63 1.30 0.00	27.61 1.02 0.00	31.55 1.64 0.00	27.40 1.13 0.00	33.17 1.58 0.00	34.50 1.69 0.00	35.28 1.24 0.00	37.46 1.27 0.00	42.82 1.33 0.00	57.61 1.98 0.00	55.85 2.36 0.00	49.30 2.66 0.00	34.76 1.82 0.00	33.39 1.84 0.00	30.81 1.93 0.00	32.38 2.06 0.00	32.25 1.71 0.00	29.54 1.69 0.00	23.11 0.87 0.00	21.69 1.09 0.00
CALVERTON___SOLAR 323806	35.22 2.71 -0.69	33.09 2.45 0.00	30.68 2.21 0.00	32.10 2.02 0.00	31.18 1.85 0.00	28.50 1.91 0.00	32.32 2.21 -0.20	28.24 1.97 0.00	36.66 2.51 -2.56	59.43 2.67 -23.94	36.87 2.53 -0.30	39.03 2.79 -0.05	44.83 3.33 0.00	60.08 4.45 0.00	58.48 4.57 -0.41	101.10 4.66 -49.80	52.32 3.55 -15.83	42.64 3.15 -7.94	31.77 2.89 0.00	32.55 2.23 0.00	32.31 1.78 0.00	29.50 1.65 0.00	23.52 1.28 0.00	22.44 1.30 -0.53
CANDIGU_WT_PWR 323617	32.75 0.94 0.00	31.83 1.18 0.00	29.18 0.72 0.00	30.99 0.91 0.00	30.16 0.83 0.00	27.37 0.79 0.00	31.23 1.31 0.00	27.28 1.01 0.00	32.93 1.34 0.00	34.29 1.47 0.00	35.17 1.13 0.00	37.46 1.26 0.00	42.80 1.30 0.00	57.51 1.89 0.00	55.69 2.20 0.00	48.89 2.25 0.00	34.50 1.55 0.00	33.09 1.54 0.00	30.37 1.49 0.00	31.91 1.59 0.00	31.84 1.30 0.00	29.18 1.33 0.00	22.98 0.74 0.00	21.36 0.75 0.00
CARR STREET_E__SYR 24060	31.64 -0.16 0.00	30.61 -0.03 0.00	28.38 -0.09 0.00	29.99 -0.08 0.00	29.21 -0.12 0.00	26.44 -0.14 0.00	29.80 -0.11 0.00	26.10 -0.17 0.00	31.33 -0.26 0.00	32.59 -0.22 0.00	33.72 -0.32 0.00	36.01 -0.24 -0.06	42.00 -0.23 -0.74	57.23 -0.20 -1.80	55.05 -0.05 -1.62	48.01 0.20 -1.17	33.15 0.13 -0.08	31.69 0.14 0.00	29.09 0.21 0.00	30.51 0.15 -0.04	30.55 -0.02 -0.04	27.84 -0.01 0.00	22.08 -0.16 0.00	20.48 -0.13 0.00
CARTHAGE___PAPER 23857	32.10 0.29 0.00	30.85 0.20 0.00	28.25 -0.21 0.00	30.01 -0.06 0.00	29.79 0.45 0.00	27.39 0.80 0.00	30.94 1.03 0.00	27.23 0.96 0.00	32.67 1.08 0.00	33.81 0.99 0.00	35.16 1.12 0.00	37.45 1.15 -0.11	44.03 1.23 -1.30	60.36 1.73 -3.01	57.90 1.72 -2.69	49.90 1.31 -1.95	34.15 1.08 -0.13	32.78 1.23 0.00	30.15 1.27 0.00	31.91 1.53 -0.06	32.16 1.56 -0.06	28.78 0.93 0.00	22.53 0.29 0.00	20.73 0.12 0.00

CASSADAGA_WT_PWR 323784	33.97 2.17 0.00	33.12 2.48 0.00	30.25 1.78 0.00	32.00 1.93 0.00	31.21 1.88 0.00	28.26 1.67 0.00	32.48 2.57 0.00	28.30 2.04 0.00	34.23 2.64 0.00	35.20 2.39 0.00	36.07 2.03 0.00	38.55 2.35 0.00	44.01 2.52 0.00	59.37 3.74 0.00	57.64 4.15 0.00	50.50 3.86 0.00	35.42 2.47 0.00	34.15 2.59 0.00	31.45 2.57 0.00	33.01 2.69 0.00	32.76 2.23 0.00	29.97 2.13 0.00	23.31 1.08 0.00	21.68 1.07 0.00
CE_DUNWOOD___DRP 24194	33.49 1.68 0.00	32.05 1.41 0.00	29.77 1.30 0.00	31.32 1.25 0.00	30.50 1.17 0.00	27.83 1.25 0.00	31.54 1.43 -0.20	27.71 1.44 0.00	35.96 1.65 -2.71	60.21 1.81 -25.58	36.34 2.00 -0.30	38.46 2.22 -0.05	44.17 2.68 0.00	59.28 3.65 0.00	57.40 3.75 -0.16	100.47 3.73 -50.10	35.48 2.54 0.00	33.78 2.23 0.00	30.98 2.10 0.00	32.17 1.85 0.00	32.04 1.50 0.00	29.28 1.42 0.00	23.47 1.23 0.00	22.22 1.04 -0.57
CE_MILLWOOD___DRP 24193	33.40 1.60 0.00	31.97 1.33 0.00	29.71 1.24 0.00	31.25 1.18 0.00	30.44 1.11 0.00	27.77 1.19 0.00	31.47 1.36 -0.19	27.63 1.37 0.00	35.97 1.56 -2.82	61.20 1.72 -26.67	36.23 1.90 -0.29	38.35 2.11 -0.05	44.05 2.56 0.00	59.12 3.49 0.00	57.24 3.59 -0.16	121.46 3.60 -71.22	35.39 2.45 0.00	33.70 2.14 0.00	30.91 2.03 0.00	32.09 1.77 0.00	31.98 1.44 0.00	29.20 1.35 0.00	23.41 1.17 0.00	22.19 0.98 -0.60
CE_NYC2_DRP 24202	33.73 1.93 0.00	32.26 1.61 0.00	29.94 1.48 0.00	31.47 1.40 0.00	30.66 1.33 0.00	28.02 1.43 0.00	31.76 1.65 -0.20	27.97 1.70 0.00	36.12 1.95 -2.57	59.06 2.12 -24.12	36.57 2.24 -0.30	38.68 2.44 -0.05	44.37 2.88 0.00	59.52 3.89 0.00	57.67 4.02 -0.15	99.12 3.91 -48.57	35.58 2.64 0.00	33.87 2.32 0.00	31.14 2.26 0.00	32.32 2.00 0.00	32.21 1.67 0.00	29.49 1.64 0.00	23.68 1.43 0.00	22.34 1.19 -0.54
CE_NYC_DRP 24195	33.68 1.88 0.00	32.22 1.57 0.00	29.91 1.45 0.00	31.45 1.38 0.00	30.64 1.30 0.00	27.98 1.40 0.00	31.73 1.62 -0.20	27.93 1.66 0.00	36.08 1.91 -2.58	59.04 2.09 -24.13	36.63 2.29 -0.30	38.74 2.50 -0.05	44.51 3.01 0.00	59.72 4.10 0.00	57.83 4.18 -0.15	99.33 4.12 -48.58	35.70 2.76 0.00	34.01 2.46 0.00	31.23 2.35 0.00	32.39 2.07 0.00	32.26 1.72 0.00	29.49 1.64 0.00	23.67 1.43 0.00	22.34 1.20 -0.54
CHAFFEE___LFGE 323603	33.08 1.28 0.00	32.32 1.68 0.00	29.53 1.07 0.00	31.20 1.12 0.00	30.60 1.26 0.00	27.57 0.98 0.00	31.53 1.62 0.00	27.40 1.13 0.00	33.19 1.60 0.00	34.53 1.72 0.00	35.29 1.25 0.00	37.49 1.30 0.00	42.83 1.33 0.00	57.70 2.07 0.00	55.98 2.49 0.00	49.40 2.76 0.00	34.87 1.93 0.00	33.52 1.97 0.00	30.91 2.03 0.00	32.49 2.17 0.00	32.34 1.80 0.00	29.61 1.76 0.00	23.16 0.92 0.00	21.71 1.10 0.00
CHATEAUG_35_KV_LOAD 355732	31.57 -0.23 0.00	30.26 -0.39 0.00	27.98 -0.48 0.00	29.71 -0.37 0.00	29.07 -0.26 0.00	26.35 -0.23 0.00	29.89 -0.02 0.00	26.58 0.31 0.00	32.15 0.56 0.00	33.35 0.54 0.00	34.59 0.54 0.00	36.72 0.52 0.00	41.95 0.46 0.00	55.85 0.22 0.00	53.45 -0.04 0.00	46.32 -0.32 0.00	32.94 0.00 0.00	31.68 0.13 0.00	28.97 0.09 0.00	30.67 0.35 0.00	30.95 0.41 0.00	28.32 0.47 0.00	22.64 0.40 0.00	20.90 0.29 0.00
CHATEAUG_WT_PWR 323614	31.61 -0.19 0.00	30.27 -0.37 0.00	28.00 -0.46 0.00	29.73 -0.35 0.00	29.07 -0.26 0.00	26.36 -0.22 0.00	29.91 -0.01 0.00	26.60 0.33 0.00	32.16 0.57 0.00	33.40 0.58 0.00	34.61 0.57 0.00	36.76 0.57 0.00	42.02 0.53 0.00	55.96 0.33 0.00	53.56 0.07 0.00	46.47 -0.17 0.00	33.07 0.12 0.00	31.78 0.22 0.00	29.06 0.18 0.00	30.72 0.41 0.00	30.99 0.46 0.00	28.34 0.49 0.00	22.66 0.42 0.00	20.93 0.32 0.00
CHAT_HIGH_FALL_HYD 323578	31.57 -0.23 0.00	30.25 -0.39 0.00	27.98 -0.48 0.00	29.71 -0.37 0.00	29.07 -0.26 0.00	26.35 -0.23 0.00	29.89 -0.02 0.00	26.58 0.31 0.00	32.15 0.56 0.00	33.35 0.54 0.00	34.58 0.54 0.00	36.71 0.52 0.00	41.96 0.46 0.00	55.85 0.23 0.00	53.45 -0.04 0.00	46.32 -0.32 0.00	32.94 0.00 0.00	31.69 0.13 0.00	28.97 0.09 0.00	30.67 0.35 0.00	30.96 0.42 0.00	28.32 0.47 0.00	22.64 0.40 0.00	20.90 0.29 0.00
CHAUTAUQUA___LFGE 323629	33.54 1.74 0.00	32.72 2.07 0.00	29.89 1.42 0.00	31.64 1.56 0.00	30.84 1.50 0.00	27.91 1.32 0.00	32.02 2.11 0.00	27.87 1.60 0.00	33.73 2.14 0.00	34.91 2.10 0.00	35.74 1.70 0.00	38.13 1.93 0.00	43.55 2.05 0.00	58.66 3.04 0.00	56.95 3.46 0.00	50.06 3.42 0.00	35.22 2.28 0.00	33.86 2.31 0.00	31.19 2.31 0.00	32.75 2.43 0.00	32.55 2.01 0.00	29.81 1.96 0.00	23.25 1.02 0.00	21.68 1.07 0.00
CHERRYST_13_KV_LD 356241	33.80 1.99 0.00	32.33 1.68 0.00	30.02 1.55 0.00	31.57 1.49 0.00	30.75 1.42 0.00	28.08 1.50 0.00	31.86 1.75 -0.20	28.05 1.78 0.00	36.23 2.06 -2.58	59.21 2.27 -24.13	36.81 2.47 -0.30	38.95 2.71 -0.05	44.75 3.25 0.00	60.06 4.43 0.00	58.17 4.52 -0.15	99.60 4.38 -48.58	35.87 2.93 0.00	34.16 2.61 0.00	31.36 2.48 0.00	32.52 2.20 0.00	32.38 1.84 0.00	29.60 1.75 0.00	23.74 1.50 0.00	22.42 1.27 -0.54
CHESTROR_138KV_BK263 355645	33.10 1.29 0.00	31.71 1.07 0.00	29.47 1.00 0.00	31.03 0.96 0.00	30.24 0.90 0.00	27.55 0.96 0.00	31.18 1.11 -0.16	27.35 1.08 0.00	31.16 1.23 1.66	14.90 1.36 19.27	35.80 1.52 -0.24	37.96 1.73 -0.04	43.63 2.14 0.00	58.54 2.92 0.00	56.43 3.06 0.12	9.82 3.04 39.86	35.00 2.06 0.00	33.34 1.79 0.00	30.57 1.69 0.00	31.81 1.49 0.00	31.74 1.21 0.00	28.98 1.13 0.00	23.20 0.96 0.00	20.95 0.80 0.46
CH_MIDHUDSON___DRP 24192	33.40 1.59 0.00	31.99 1.34 0.00	29.72 1.26 0.00	31.29 1.22 0.00	30.47 1.14 0.00	27.77 1.19 0.00	31.37 1.32 -0.13	27.57 1.30 0.00	33.80 1.50 -0.71	40.15 1.64 -5.70	36.06 1.83 -0.20	38.29 2.06 -0.03	44.04 2.54 0.00	59.12 3.50 0.00	57.15 3.60 -0.05	66.40 3.58 -16.19	35.38 2.44 0.00	33.68 2.13 0.00	30.86 1.98 0.00	32.08 1.75 0.00	31.98 1.44 0.00	29.18 1.33 0.00	23.37 1.13 0.00	21.69 0.97 -0.12
CH_MISC_IPPS 23765	33.63 1.83 0.00	32.21 1.56 0.00	29.91 1.45 0.00	31.50 1.42 0.00	30.67 1.34 0.00	27.96 1.37 0.00	31.62 1.56 -0.15	27.79 1.52 0.00	33.59 1.76 -0.25	35.41 1.92 -0.67	36.39 2.13 -0.22	38.64 2.41 -0.04	44.46 2.97 0.00	59.74 4.12 0.00	57.76 4.23 -0.03	59.14 4.06 -8.44	35.68 2.74 0.00	33.95 2.40 0.00	31.12 2.23 0.00	32.34 2.02 0.00	32.26 1.72 0.00	29.44 1.59 0.00	23.55 1.31 0.00	21.73 1.12 0.00
CH_RES_BVR_FALLS 23983	31.53 -0.27 0.00	30.36 -0.28 0.00	28.19 -0.28 0.00	29.79 -0.28 0.00	29.11 -0.22 0.00	26.36 -0.22 0.00	29.71 -0.20 0.00	26.11 -0.15 0.00	31.44 -0.15 0.00	32.59 -0.23 0.00	33.84 -0.20 0.00	35.93 -0.26 0.00	41.13 -0.36 0.00	55.07 -0.56 0.00	52.86 -0.64 0.00	45.79 -0.85 0.00	32.35 -0.60 0.00	31.03 -0.52 0.00	28.34 -0.54 0.00	29.91 -0.42 0.00	30.26 -0.27 0.00	27.59 -0.26 0.00	22.07 -0.17 0.00	20.47 -0.14 0.00

CH_RES_NIAGARA 23895	32.37 0.56 0.00	31.82 1.18 0.00	29.06 0.59 0.00	30.67 0.60 0.00	30.19 0.86 0.00	27.12 0.53 0.00	30.95 1.04 0.00	26.80 0.54 0.00	32.32 0.73 0.00	33.52 0.70 0.00	34.21 0.17 0.00	36.16 0.00 0.03	40.82 -0.33 0.35	54.27 -0.51 0.84	52.62 -0.11 0.76	46.73 0.64 0.55	33.46 0.55 0.04	32.20 0.65 0.00	29.70 0.81 0.00	31.28 0.98 0.02	31.17 0.65 0.02	28.58 0.73 0.00	22.37 0.13 0.00	21.21 0.60 0.00
CH_RES_SYRACUSE 23985	31.81 0.00 0.00	30.76 0.11 0.00	28.52 0.06 0.00	30.15 0.07 0.00	29.36 0.03 0.00	26.60 0.02 0.00	30.00 0.09 0.00	26.32 0.05 0.00	31.65 0.06 0.00	32.92 0.10 0.00	34.08 0.04 0.00	36.51 0.18 -0.13	43.40 0.26 -1.64	60.02 0.43 -3.97	57.60 0.55 -3.56	49.93 0.71 -2.59	33.57 0.46 -0.17	32.02 0.47 0.00	29.41 0.52 0.00	30.87 0.46 -0.08	30.93 0.31 -0.08	28.14 0.29 0.00	22.29 0.06 0.00	20.65 0.04 0.00
CLINTON_WT_PWR 323605	31.61 -0.19 0.00	30.27 -0.37 0.00	28.00 -0.46 0.00	29.73 -0.35 0.00	29.07 -0.26 0.00	26.36 -0.22 0.00	29.91 -0.01 0.00	26.60 0.33 0.00	32.16 0.57 0.00	33.40 0.58 0.00	34.61 0.57 0.00	36.76 0.57 0.00	42.02 0.53 0.00	55.96 0.33 0.00	53.56 0.07 0.00	46.47 -0.17 0.00	33.07 0.12 0.00	31.78 0.22 0.00	29.06 0.18 0.00	30.72 0.41 0.00	30.99 0.46 0.00	28.34 0.49 0.00	22.66 0.42 0.00	20.93 0.32 0.00
CLINTON____LFGE 323618	31.95 0.14 0.00	30.55 -0.10 0.00	28.24 -0.23 0.00	29.99 -0.08 0.00	29.31 -0.02 0.00	26.58 -0.01 0.00	30.17 0.26 0.00	26.86 0.59 0.00	32.45 0.86 0.00	33.73 0.91 0.00	34.89 0.85 0.00	37.10 0.91 0.00	42.49 1.00 0.00	56.61 0.98 0.00	54.23 0.74 0.00	47.03 0.39 0.00	33.48 0.54 0.00	32.17 0.62 0.00	29.47 0.58 0.00	31.16 0.84 0.00	31.44 0.90 0.00	28.70 0.86 0.00	22.95 0.71 0.00	21.20 0.59 0.00
COBBLENY_34_KV_TB1 80064	33.08 1.28 0.00	32.31 1.67 0.00	29.52 1.06 0.00	31.20 1.12 0.00	30.59 1.26 0.00	27.57 0.98 0.00	31.53 1.62 0.00	27.40 1.13 0.00	33.19 1.60 0.00	34.53 1.71 0.00	35.29 1.26 0.00	37.49 1.30 0.00	42.89 1.40 0.00	57.70 2.08 0.00	55.99 2.50 0.00	49.41 2.77 0.00	34.86 1.92 0.00	33.49 1.94 0.00	30.91 2.02 0.00	32.47 2.15 0.00	32.34 1.80 0.00	29.61 1.77 0.00	23.16 0.92 0.00	21.71 1.10 0.00
COFFEEN__115KV_TB3 355620	32.41 0.60 0.00	31.17 0.53 0.00	28.54 0.07 0.00	30.31 0.24 0.00	30.07 0.74 0.00	27.65 1.06 0.00	31.27 1.36 0.00	27.53 1.26 0.00	33.02 1.43 0.00	34.17 1.35 0.00	35.56 1.52 0.00	37.93 1.61 -0.13	44.81 1.77 -1.55	61.71 2.45 -3.63	59.22 2.48 -3.25	51.08 2.08 -2.36	34.71 1.61 -0.16	33.31 1.76 0.00	30.72 1.83 0.00	32.45 2.05 -0.08	32.68 2.06 -0.08	29.11 1.26 0.00	22.70 0.46 0.00	20.86 0.24 0.00
COLDSPRG_115KV_BK1 355956	34.00 2.19 0.00	33.11 2.47 0.00	30.28 1.82 0.00	32.04 1.96 0.00	31.26 1.93 0.00	28.32 1.73 0.00	32.55 2.64 0.00	28.41 2.14 0.00	34.44 2.84 0.00	35.47 2.65 0.00	36.19 2.15 0.00	38.54 2.35 0.00	43.98 2.49 0.00	59.16 3.54 0.00	57.48 3.99 0.00	50.37 3.73 0.00	35.37 2.43 0.00	34.01 2.46 0.00	31.35 2.47 0.00	32.84 2.52 0.00	32.66 2.12 0.00	29.92 2.07 0.00	23.44 1.20 0.00	21.85 1.24 0.00
COLONIE_LFGE____ 323577	32.98 1.18 0.00	31.68 1.03 0.00	29.50 1.04 0.00	31.16 1.09 0.00	30.33 0.99 0.00	27.52 0.94 0.00	30.56 0.96 0.30	26.99 0.72 0.00	32.43 0.82 -0.02	37.73 0.87 -4.04	34.54 0.96 0.46	37.21 1.09 0.07	42.85 1.35 0.00	57.58 1.95 0.00	55.43 1.89 -0.05	62.80 2.05 -14.11	34.48 1.54 0.00	32.87 1.32 0.00	30.14 1.26 0.00	31.53 1.21 0.00	31.51 0.97 0.00	28.65 0.80 0.00	22.92 0.69 0.00	21.39 0.66 -0.12
COOPERNY_115KV_TB1 80082	32.79 0.98 0.00	31.45 0.81 0.00	29.23 0.77 0.00	30.82 0.75 0.00	30.03 0.70 0.00	27.33 0.74 0.00	30.84 0.83 -0.09	27.08 0.82 0.00	31.96 0.93 0.57	26.79 1.03 7.05	35.34 1.16 -0.14	37.54 1.33 -0.02	43.13 1.64 0.00	57.81 2.18 0.00	55.72 2.29 0.06	30.49 2.31 18.46	34.52 1.57 0.00	32.92 1.37 0.00	30.19 1.30 0.00	31.47 1.15 0.00	31.47 0.93 0.00	28.73 0.88 0.00	22.97 0.73 0.00	21.04 0.61 0.17
COPENHAGEN_WT_PWR 323753	31.84 0.04 0.00	30.63 -0.02 0.00	28.00 -0.46 0.00	29.78 -0.29 0.00	29.63 0.30 0.00	27.29 0.71 0.00	30.82 0.91 0.00	27.13 0.86 0.00	32.57 0.98 0.00	33.77 0.96 0.00	35.09 1.05 0.00	37.45 1.13 -0.13	44.30 1.18 -1.62	61.04 1.62 -3.79	58.50 1.61 -3.40	50.50 1.38 -2.47	34.23 1.13 -0.16	32.83 1.28 0.00	30.22 1.34 0.00	31.88 1.48 -0.08	32.05 1.44 -0.08	28.58 0.73 0.00	22.28 0.05 0.00	20.51 -0.09 0.00
CORNELL____ 23752	32.62 0.82 0.00	31.50 0.86 0.00	29.16 0.70 0.00	30.86 0.79 0.00	30.04 0.71 0.00	27.28 0.69 0.00	30.87 0.96 0.00	27.09 0.82 0.00	32.57 0.97 0.00	33.85 1.04 0.00	34.98 0.94 0.00	37.42 1.16 -0.06	43.76 1.46 -0.80	59.46 1.90 -1.94	57.24 2.01 -1.74	49.90 1.99 -1.27	34.42 1.39 -0.08	32.97 1.41 0.00	30.29 1.40 0.00	31.82 1.46 -0.04	31.85 1.27 -0.04	29.04 1.18 0.00	22.97 0.73 0.00	21.23 0.62 0.00
CORONAAV_69_KV_TB1 355595	35.02 2.52 -0.69	32.80 2.15 0.00	30.40 1.94 0.00	31.91 1.84 0.00	31.04 1.71 0.00	28.34 1.75 0.00	32.05 1.95 -0.20	28.13 1.86 0.00	36.36 2.21 -2.56	59.14 2.39 -23.94	36.81 2.47 -0.30	38.98 2.74 -0.05	44.79 3.30 0.00	60.02 4.39 0.00	58.16 4.51 -0.15	99.95 4.58 -48.74	37.14 3.17 -1.03	34.32 2.77 0.00	31.38 2.49 0.00	32.39 2.07 0.00	32.28 1.74 0.00	29.60 1.75 0.00	23.70 1.46 0.00	22.49 1.34 -0.53
CORTLAND_115KV_TB3 80093	32.34 0.53 0.00	31.22 0.57 0.00	28.91 0.45 0.00	30.60 0.53 0.00	29.78 0.45 0.00	27.05 0.46 0.00	30.56 0.65 0.00	26.82 0.55 0.00	32.25 0.66 0.00	33.53 0.71 0.00	34.67 0.63 0.00	37.07 0.81 -0.07	43.37 1.03 -0.85	59.10 1.40 -2.07	56.87 1.51 -1.86	49.52 1.53 -1.35	34.10 1.06 -0.09	32.59 1.04 0.00	29.94 1.05 0.00	31.42 1.06 -0.04	31.46 0.88 -0.04	28.66 0.81 0.00	22.71 0.47 0.00	21.00 0.39 0.00
COXSACKIE____GT 23611	33.99 2.18 0.00	32.65 2.01 0.00	30.37 1.90 0.00	32.06 1.99 0.00	31.24 1.91 0.00	28.38 1.79 0.00	31.81 2.00 0.10	27.88 1.61 0.00	33.64 1.83 -0.22	37.88 1.51 -3.55	35.22 1.34 0.15	37.56 1.40 0.02	43.17 1.68 0.00	59.42 3.79 0.00	57.51 3.99 -0.03	58.52 3.27 -8.62	35.45 2.50 0.00	33.86 2.31 0.00	31.00 2.11 0.00	32.48 2.16 0.00	32.55 2.02 0.00	29.49 1.64 0.00	23.53 1.29 0.00	21.96 1.25 -0.09
CPV_VALLEY__CC1 323721	32.83 1.03 0.00	31.46 0.82 0.00	29.24 0.77 0.00	30.81 0.74 0.00	30.01 0.68 0.00	27.34 0.76 0.00	30.91 0.86 -0.14	27.14 0.87 0.00	31.64 0.98 0.93	22.52 1.09 11.39	35.48 1.23 -0.21	37.65 1.42 -0.03	43.26 1.77 0.00	58.02 2.39 0.00	55.89 2.49 0.10	19.33 2.56 29.86	34.68 1.74 0.00	33.05 1.49 0.00	30.30 1.42 0.00	31.53 1.22 0.00	31.49 0.95 0.00	28.74 0.89 0.00	23.01 0.76 0.00	20.97 0.64 0.28

CPV_VALLEY___CC2 323722	32.83 1.03 0.00	31.46 0.82 0.00	29.24 0.77 0.00	30.81 0.74 0.00	30.01 0.68 0.00	27.34 0.76 0.00	30.91 0.86 -0.14	27.14 0.87 0.00	31.64 0.98 0.93	22.52 1.09 11.39	35.48 1.23 -0.21	37.65 1.42 -0.03	43.26 1.77 0.00	58.02 2.39 0.00	55.89 2.49 0.10	19.33 2.56 29.86	34.68 1.74 0.00	33.05 1.49 0.00	30.30 1.42 0.00	31.53 1.22 0.00	31.49 0.95 0.00	28.74 0.89 0.00	23.01 0.76 0.00	20.97 0.64 0.28
CRESCENT___HYD 24018	32.98 1.18 0.00	31.68 1.03 0.00	29.50 1.04 0.00	31.16 1.09 0.00	30.33 0.99 0.00	27.52 0.94 0.00	30.56 0.96 0.30	26.99 0.72 0.00	32.43 0.82 -0.02	37.73 0.87 -4.04	34.54 0.96 0.46	37.21 1.09 0.07	42.85 1.35 0.00	57.58 1.95 0.00	55.43 1.89 -0.05	62.80 2.05 -14.11	34.48 1.54 0.00	32.87 1.32 0.00	30.14 1.26 0.00	31.53 1.21 0.00	31.51 0.97 0.00	28.65 0.80 0.00	22.92 0.69 0.00	21.39 0.66 -0.12
CRICKET___VALLEY_CC1 323756	32.90 1.09 0.00	31.50 0.85 0.00	29.29 0.82 0.00	30.83 0.76 0.00	30.01 0.67 0.00	27.33 0.75 0.00	27.70 0.79 3.01	27.07 0.83 0.03	28.47 0.89 4.01	30.56 1.00 3.25	30.66 1.16 4.54	36.80 1.32 0.71	43.15 1.66 0.00	57.92 2.30 0.00	56.01 2.42 -0.10	80.50 2.65 -31.22	34.84 1.89 0.00	33.15 1.61 0.00	30.37 1.49 0.00	31.53 1.21 0.00	31.41 0.87 0.00	28.64 0.79 0.00	22.93 0.73 0.04	21.48 0.63 -0.24
CRICKET___VALLEY_CC2 323757	32.90 1.09 0.00	31.50 0.85 0.00	29.29 0.82 0.00	30.83 0.76 0.00	30.01 0.67 0.00	27.33 0.75 0.00	27.70 0.79 3.01	27.07 0.83 0.03	28.47 0.89 4.01	30.56 1.00 3.25	30.66 1.16 4.54	36.80 1.32 0.71	43.15 1.66 0.00	57.92 2.30 0.00	56.01 2.42 -0.10	80.50 2.65 -31.22	34.84 1.89 0.00	33.15 1.61 0.00	30.37 1.49 0.00	31.53 1.21 0.00	31.41 0.87 0.00	28.64 0.79 0.00	22.93 0.73 0.04	21.48 0.63 -0.24
CRICKET___VALLEY_CC3 323758	32.90 1.09 0.00	31.50 0.85 0.00	29.29 0.82 0.00	30.83 0.76 0.00	30.01 0.67 0.00	27.33 0.75 0.00	27.70 0.79 3.01	27.07 0.83 0.03	28.47 0.89 4.01	30.56 1.00 3.25	30.66 1.16 4.54	36.80 1.32 0.71	43.15 1.66 0.00	57.92 2.30 0.00	56.01 2.42 -0.10	80.50 2.65 -31.22	34.84 1.89 0.00	33.15 1.61 0.00	30.37 1.49 0.00	31.53 1.21 0.00	31.41 0.87 0.00	28.64 0.79 0.00	22.93 0.73 0.04	21.48 0.63 -0.24
CRUCIBLE_METL_DRP 24180	31.81 0.00 0.00	30.75 0.10 0.00	28.52 0.05 0.00	30.14 0.07 0.00	29.36 0.03 0.00	26.60 0.02 0.00	30.00 0.09 0.00	26.32 0.05 0.00	31.65 0.06 0.00	32.92 0.10 0.00	34.08 0.04 0.00	36.50 0.17 -0.13	43.40 0.26 -1.64	60.02 0.43 -3.97	57.60 0.55 -3.56	49.94 0.71 -2.59	33.57 0.46 -0.17	32.02 0.47 0.00	29.41 0.52 0.00	30.86 0.46 -0.08	30.93 0.31 -0.08	28.14 0.29 0.00	22.29 0.06 0.00	20.65 0.04 0.00
DAHOWA___HYDRO 323763	33.45 1.64 0.00	32.10 1.45 0.00	29.82 1.36 0.00	31.52 1.44 0.00	30.67 1.34 0.00	27.85 1.27 0.00	31.02 1.37 0.25	27.39 1.12 0.00	32.96 1.29 -0.08	38.17 1.31 -4.04	35.02 1.36 0.38	37.70 1.57 0.06	43.36 1.86 0.00	58.30 2.68 0.00	56.14 2.61 -0.04	62.96 2.90 -13.42	35.13 2.19 0.00	33.48 1.93 0.00	30.82 1.93 0.00	32.15 1.84 0.00	32.14 1.60 0.00	29.23 1.38 0.00	23.34 1.10 0.00	21.75 1.02 -0.12
DANC___LFGE 323619	31.69 -0.12 0.00	30.55 -0.09 0.00	28.09 -0.37 0.00	29.80 -0.28 0.00	29.40 0.07 0.00	26.89 0.31 0.00	30.33 0.41 0.00	26.66 0.39 0.00	31.99 0.40 0.00	33.19 0.37 0.00	34.44 0.40 0.00	36.79 0.44 -0.16	43.91 0.45 -1.98	61.00 0.67 -4.71	58.44 0.72 -4.22	50.45 0.74 -3.07	33.74 0.60 -0.20	32.26 0.71 0.00	29.68 0.79 0.00	31.28 0.86 -0.10	31.42 0.78 -0.10	28.25 0.40 0.00	22.16 -0.08 0.00	20.45 -0.16 0.00
DANSKAMMER___1 23586	33.63 1.83 0.00	32.21 1.56 0.00	29.91 1.45 0.00	31.50 1.42 0.00	30.67 1.34 0.00	27.96 1.37 0.00	31.62 1.56 -0.15	27.79 1.52 0.00	33.59 1.76 -0.25	35.41 1.92 -0.67	36.39 2.13 -0.22	38.64 2.41 -0.04	44.46 2.97 0.00	59.74 4.12 0.00	57.76 4.23 -0.03	59.14 4.06 -8.44	35.68 2.74 0.00	33.95 2.40 0.00	31.12 2.23 0.00	32.34 2.02 0.00	32.26 1.72 0.00	29.44 1.59 0.00	23.55 1.31 0.00	21.73 1.12 0.00
DANSKAMMER___2 23589	33.63 1.83 0.00	32.21 1.56 0.00	29.91 1.45 0.00	31.50 1.42 0.00	30.67 1.34 0.00	27.96 1.37 0.00	31.62 1.56 -0.15	27.79 1.52 0.00	33.59 1.76 -0.25	35.41 1.92 -0.67	36.39 2.13 -0.22	38.64 2.41 -0.04	44.46 2.97 0.00	59.74 4.12 0.00	57.76 4.23 -0.03	59.14 4.06 -8.44	35.68 2.74 0.00	33.95 2.40 0.00	31.12 2.23 0.00	32.34 2.02 0.00	32.26 1.72 0.00	29.44 1.59 0.00	23.55 1.31 0.00	21.73 1.12 0.00
DANSKAMMER___3 23590	33.63 1.83 0.00	32.21 1.56 0.00	29.91 1.45 0.00	31.50 1.42 0.00	30.67 1.34 0.00	27.96 1.37 0.00	31.62 1.56 -0.15	27.79 1.52 0.00	33.59 1.76 -0.25	35.41 1.92 -0.67	36.39 2.13 -0.22	38.64 2.41 -0.04	44.46 2.97 0.00	59.74 4.12 0.00	57.76 4.23 -0.03	59.14 4.06 -8.44	35.68 2.74 0.00	33.95 2.40 0.00	31.12 2.23 0.00	32.34 2.02 0.00	32.26 1.72 0.00	29.44 1.59 0.00	23.55 1.31 0.00	21.73 1.12 0.00
DANSKAMMER___4 23591	33.63 1.83 0.00	32.21 1.56 0.00	29.91 1.45 0.00	31.50 1.42 0.00	30.67 1.34 0.00	27.96 1.37 0.00	31.62 1.56 -0.15	27.79 1.52 0.00	33.59 1.76 -0.25	35.41 1.92 -0.67	36.39 2.13 -0.22	38.64 2.41 -0.04	44.46 2.97 0.00	59.74 4.12 0.00	57.76 4.23 -0.03	59.14 4.06 -8.44	35.68 2.74 0.00	33.95 2.40 0.00	31.12 2.23 0.00	32.34 2.02 0.00	32.26 1.72 0.00	29.44 1.59 0.00	23.55 1.31 0.00	21.73 1.12 0.00
DANSKAMMER___DIESEL 23592	33.64 1.83 0.00	32.21 1.56 0.00	29.91 1.45 0.00	31.50 1.42 0.00	30.67 1.34 0.00	27.96 1.37 0.00	31.62 1.56 -0.15	27.79 1.52 0.00	33.60 1.76 -0.25	35.41 1.93 -0.67	36.39 2.13 -0.22	38.63 2.41 -0.04	44.45 2.96 0.00	59.74 4.11 0.00	57.76 4.23 -0.03	59.14 4.06 -8.44	35.68 2.74 0.00	33.95 2.40 0.00	31.12 2.24 0.00	32.35 2.02 0.00	32.26 1.72 0.00	29.44 1.59 0.00	23.55 1.31 0.00	21.73 1.12 0.00
DARBY___SOLAR 323810	33.38 1.57 0.00	32.04 1.39 0.00	29.78 1.31 0.00	31.46 1.39 0.00	30.62 1.29 0.00	27.81 1.22 0.00	30.95 1.30 0.26	27.33 1.07 0.00	32.88 1.22 -0.07	38.09 1.24 -4.03	34.93 1.29 0.40	37.62 1.50 0.06	43.26 1.77 0.00	58.16 2.54 0.00	56.00 2.47 -0.04	62.90 2.73 -13.53	35.02 2.08 0.00	33.38 1.83 0.00	30.70 1.82 0.00	32.06 1.74 0.00	32.04 1.50 0.00	29.14 1.29 0.00	23.28 1.04 0.00	21.70 0.96 -0.12
DASHVILLE___HYD 23610	33.10 1.29 0.00	31.68 1.03 0.00	29.44 0.97 0.00	30.99 0.92 0.00	30.17 0.84 0.00	27.50 0.92 0.00	31.07 1.09 -0.07	27.37 1.10 0.00	33.04 1.34 -0.11	34.66 1.53 -0.31	35.87 1.73 -0.10	38.14 1.93 -0.02	43.89 2.39 0.00	58.87 3.24 0.00	56.90 3.41 0.00	49.95 3.31 0.00	35.16 2.22 0.00	33.47 1.92 0.00	30.66 1.78 0.00	31.83 1.51 0.00	31.75 1.22 0.00	29.01 1.16 0.00	23.24 1.00 0.00	21.41 0.81 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	36.12 3.62 -0.69	33.95 3.30 0.00	31.43 2.96 0.00	32.89 2.81 0.00	31.94 2.61 0.00	29.18 2.59 0.00	33.13 3.02 -0.20	29.00 2.73 0.00	37.71 3.57 -2.56	60.58 3.83 -23.94	38.15 3.82 -0.30	40.48 4.24 -0.05	46.56 5.07 0.00	62.49 6.86 0.00	60.85 6.94 -0.42	103.14 6.69 -49.81	53.77 4.95 -15.88	43.99 4.47 -7.96	32.94 4.05 0.00	33.73 3.41 0.00	33.41 2.87 0.00	30.41 2.56 0.00	24.21 1.97 0.00	23.03 1.89 -0.53
DELAWARE___LFGE 323621	32.90 1.10 0.00	31.67 1.02 0.00	29.41 0.94 0.00	31.09 1.02 0.00	30.31 0.98 0.00	27.52 0.93 0.00	30.94 1.02 0.00	27.16 0.89 0.00	32.68 1.09 0.00	34.02 1.20 0.00	35.28 1.24 0.00	37.57 1.38 0.00	43.16 1.67 0.00	57.82 2.19 0.00	55.65 2.16 0.00	48.82 2.19 0.00	34.48 1.53 0.00	32.99 1.44 0.00	30.26 1.37 0.00	31.63 1.31 0.00	31.70 1.16 0.00	28.89 1.04 0.00	23.01 0.77 0.00	21.28 0.67 0.00
DERFIELD_115KV_TB7 355931	32.01 0.20 0.00	30.78 0.13 0.00	28.59 0.13 0.00	30.22 0.15 0.00	29.54 0.20 0.00	26.87 0.29 0.00	30.22 0.31 0.00	26.54 0.28 0.00	31.93 0.33 0.00	33.16 0.34 0.00	34.43 0.39 0.00	36.66 0.46 0.00	42.07 0.57 0.00	56.45 0.82 0.00	54.24 0.75 0.00	47.34 0.70 0.00	33.48 0.53 0.00	32.05 0.50 0.00	29.37 0.49 0.00	30.76 0.44 0.00	30.90 0.36 0.00	27.97 0.12 0.00	22.32 0.08 0.00	20.67 0.06 0.00
DOGLEVILLE___HYD 23807	31.63 -0.18 0.00	30.32 -0.32 0.00	28.26 -0.20 0.00	29.91 -0.16 0.00	29.00 -0.34 0.00	26.41 -0.17 0.00	29.64 -0.27 0.00	25.93 -0.34 0.00	31.02 -0.58 0.00	32.18 -0.64 0.00	33.55 -0.49 0.00	35.91 -0.29 0.00	41.59 0.09 0.00	55.85 0.22 0.00	53.77 0.28 0.00	46.90 0.26 0.00	33.22 0.27 0.00	31.58 0.03 0.00	29.08 0.20 0.00	30.41 0.09 0.00	30.40 -0.14 0.00	27.81 -0.04 0.00	22.18 -0.06 0.00	20.50 -0.11 0.00
DUNKIRK___115KV_TB_200 55889	33.47 1.66 0.00	32.64 1.99 0.00	29.82 1.35 0.00	31.57 1.50 0.00	30.76 1.43 0.00	27.85 1.26 0.00	31.95 2.04 0.00	27.81 1.54 0.00	33.65 2.06 0.00	34.85 2.03 0.00	35.67 1.63 0.00	38.05 1.86 0.00	43.50 2.01 0.00	58.52 2.89 0.00	56.82 3.32 0.00	49.97 3.33 0.00	35.16 2.22 0.00	33.77 2.22 0.00	31.12 2.24 0.00	32.68 2.36 0.00	32.48 1.95 0.00	29.77 1.92 0.00	23.23 0.99 0.00	21.67 1.06 0.00
DUNKIRK___1 23563	33.47 1.66 0.00	32.64 1.99 0.00	29.82 1.35 0.00	31.57 1.50 0.00	30.76 1.43 0.00	27.85 1.26 0.00	31.95 2.04 0.00	27.81 1.54 0.00	33.65 2.06 0.00	34.85 2.03 0.00	35.67 1.63 0.00	38.05 1.86 0.00	43.50 2.01 0.00	58.52 2.89 0.00	56.82 3.32 0.00	49.97 3.33 0.00	35.16 2.22 0.00	33.77 2.22 0.00	31.12 2.24 0.00	32.68 2.36 0.00	32.48 1.95 0.00	29.77 1.92 0.00	23.23 0.99 0.00	21.67 1.06 0.00
DUNKIRK___2 23564	33.47 1.66 0.00	32.64 1.99 0.00	29.82 1.35 0.00	31.57 1.50 0.00	30.76 1.43 0.00	27.85 1.26 0.00	31.95 2.04 0.00	27.81 1.54 0.00	33.65 2.06 0.00	34.85 2.03 0.00	35.67 1.63 0.00	38.05 1.86 0.00	43.50 2.01 0.00	58.52 2.89 0.00	56.82 3.32 0.00	49.97 3.33 0.00	35.16 2.22 0.00	33.77 2.22 0.00	31.12 2.24 0.00	32.68 2.36 0.00	32.48 1.95 0.00	29.77 1.92 0.00	23.23 0.99 0.00	21.67 1.06 0.00
DUNKIRK___3 23565	33.16 1.36 0.00	32.34 1.69 0.00	29.62 1.16 0.00	31.36 1.29 0.00	30.60 1.27 0.00	27.67 1.09 0.00	31.71 1.80 0.00	27.59 1.32 0.00	33.39 1.80 0.00	34.65 1.83 0.00	35.44 1.41 0.00	37.75 1.56 0.00	43.16 1.66 0.00	58.02 2.40 0.00	56.32 2.82 0.00	49.59 2.95 0.00	34.92 1.98 0.00	33.53 1.98 0.00	30.91 2.03 0.00	32.45 2.13 0.00	32.29 1.75 0.00	29.59 1.74 0.00	23.13 0.89 0.00	21.61 1.00 0.00
DUNKIRK___4 23566	33.34 1.54 0.00	32.53 1.89 0.00	29.65 1.19 0.00	31.36 1.29 0.00	30.60 1.27 0.00	27.67 1.09 0.00	31.71 1.80 0.00	27.59 1.32 0.00	33.39 1.80 0.00	34.65 1.83 0.00	35.44 1.41 0.00	37.75 1.56 0.00	43.16 1.66 0.00	58.02 2.40 0.00	56.32 2.82 0.00	49.59 2.95 0.00	34.92 1.98 0.00	33.53 1.98 0.00	30.91 2.03 0.00	32.45 2.13 0.00	32.29 1.75 0.00	29.59 1.74 0.00	23.13 0.89 0.00	21.61 1.00 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	33.59 1.78 0.00	32.15 1.50 0.00	29.85 1.38 0.00	31.39 1.32 0.00	30.57 1.24 0.00	27.90 1.31 0.00	31.63 1.52 -0.20	27.79 1.52 0.00	35.92 1.76 -2.57	58.84 1.93 -24.10	36.45 2.11 -0.30	38.56 2.32 -0.05	44.29 2.80 0.00	59.43 3.80 0.00	57.54 3.89 -0.15	99.06 3.87 -48.55	35.57 2.63 0.00	33.86 2.31 0.00	31.07 2.18 0.00	32.25 1.93 0.00	32.12 1.58 0.00	29.35 1.50 0.00	23.53 1.29 0.00	22.25 1.10 -0.54
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	33.31 1.51 0.00	31.90 1.26 0.00	29.64 1.18 0.00	31.21 1.14 0.00	30.40 1.07 0.00	27.71 1.12 0.00	31.34 1.28 -0.15	27.53 1.27 0.00	32.78 1.45 0.27	29.79 1.61 4.64	36.05 1.79 -0.22	38.25 2.02 -0.04	43.99 2.50 0.00	59.04 3.42 0.00	57.04 3.58 0.03	39.41 3.49 10.72	35.30 2.35 0.00	33.61 2.06 0.00	30.81 1.92 0.00	32.03 1.71 0.00	31.96 1.42 0.00	29.18 1.33 0.00	23.35 1.11 0.00	21.42 0.93 0.12
E179THST_138_KV_TB4_REV_LBMP_J 345001	33.68 1.87 0.00	32.20 1.56 0.00	29.88 1.42 0.00	31.42 1.35 0.00	30.62 1.29 0.00	28.00 1.41 0.00	31.71 1.61 -0.20	27.90 1.63 0.00	35.99 1.82 -2.57	58.90 1.96 -24.12	36.42 2.09 -0.30	38.56 2.31 -0.05	44.30 2.80 0.00	59.44 3.81 0.00	57.65 4.00 -0.15	99.12 3.91 -48.57	35.59 2.64 0.00	33.87 2.32 0.00	31.09 2.21 0.00	32.25 1.93 0.00	32.15 1.61 0.00	29.43 1.58 0.00	23.64 1.40 0.00	22.27 1.12 -0.54
E179THST_13_KV_LOAD 356214	33.88 2.08 0.00	32.40 1.75 0.00	30.05 1.59 0.00	31.60 1.53 0.00	30.79 1.46 0.00	28.15 1.57 0.00	31.91 1.80 -0.20	28.08 1.81 0.00	36.21 2.04 -2.57	59.12 2.19 -24.12	36.66 2.33 -0.30	38.81 2.58 -0.05	44.61 3.11 0.00	59.87 4.24 0.00	58.07 4.42 -0.15	99.47 4.26 -48.57	35.82 2.87 0.00	34.09 2.54 0.00	31.29 2.41 0.00	32.46 2.14 0.00	32.36 1.82 0.00	29.61 1.76 0.00	23.79 1.55 0.00	22.40 1.25 -0.54
EAST HAMPTON___GT 23717	36.75 4.26 -0.69	34.51 3.86 0.00	31.94 3.47 0.00	33.40 3.33 0.00	32.44 3.11 0.00	29.64 3.06 0.00	33.68 3.57 -0.20	29.53 3.26 0.00	38.45 4.30 -2.56	61.32 4.56 -23.94	38.96 4.62 -0.30	41.38 5.14 -0.05	47.56 6.07 0.00	63.91 8.28 0.00	62.25 8.34 -0.42	104.37 7.91 -49.81	54.62 5.79 -15.88	44.78 5.26 -7.96	33.65 4.76 0.00	34.45 4.13 0.00	34.12 3.58 0.00	31.02 3.16 0.00	24.69 2.44 0.00	23.44 2.30 -0.53
EAST RIVER___6 23660	33.77 1.97 0.00	32.29 1.65 0.00	29.98 1.51 0.00	31.52 1.45 0.00	30.70 1.37 0.00	28.05 1.47 0.00	31.79 1.68 -0.20	28.01 1.74 0.00	36.19 2.02 -2.58	59.16 2.21 -24.13	36.74 2.40 -0.30	38.86 2.63 -0.05	44.65 3.16 0.00	59.96 4.33 0.00	58.07 4.42 -0.15	99.56 4.34 -48.58	35.84 2.90 0.00	34.12 2.57 0.00	31.36 2.48 0.00	32.50 2.17 0.00	32.38 1.84 0.00	29.59 1.75 0.00	23.75 1.51 0.00	22.42 1.27 -0.54

EAST RIVER___7 23524	33.77 1.97 0.00	32.29 1.65 0.00	29.98 1.51 0.00	31.52 1.45 0.00	30.70 1.37 0.00	28.05 1.47 0.00	31.79 1.68 -0.20	28.01 1.74 0.00	36.19 2.02 -2.58	59.16 2.21 -24.13	36.74 2.40 -0.30	38.86 2.63 -0.05	44.65 3.16 0.00	59.96 4.33 0.00	58.07 4.42 -0.15	99.56 4.34 -48.58	35.84 2.90 0.00	34.12 2.57 0.00	31.36 2.48 0.00	32.50 2.17 0.00	32.38 1.84 0.00	29.59 1.75 0.00	23.75 1.51 0.00	22.42 1.27 -0.54
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	33.49 1.68 0.00	32.05 1.41 0.00	29.77 1.30 0.00	31.32 1.25 0.00	30.50 1.17 0.00	27.83 1.25 0.00	31.54 1.43 -0.20	27.71 1.44 0.00	35.96 1.65 -2.71	60.21 1.81 -25.58	36.34 2.00 -0.30	38.46 2.22 -0.05	44.17 2.68 0.00	59.28 3.65 0.00	57.40 3.75 -0.16	100.47 3.73 -50.10	35.48 2.54 0.00	33.78 2.23 0.00	30.98 2.10 0.00	32.17 1.85 0.00	32.04 1.50 0.00	29.28 1.42 0.00	23.47 1.23 0.00	22.22 1.04 -0.57
EAST_HAMPTON___DIESEL 23722	36.76 4.26 -0.69	34.51 3.87 0.00	31.94 3.47 0.00	33.41 3.33 0.00	32.44 3.11 0.00	29.65 3.06 0.00	33.68 3.57 -0.20	29.53 3.26 0.00	38.46 4.31 -2.56	61.32 4.57 -23.94	38.97 4.63 -0.30	41.40 5.16 -0.05	47.59 6.10 0.00	63.94 8.31 0.00	62.28 8.37 -0.42	104.39 7.93 -49.81	54.64 5.81 -15.88	44.78 5.27 -7.96	33.66 4.77 0.00	34.46 4.14 0.00	34.13 3.59 0.00	31.03 3.18 0.00	24.69 2.45 0.00	23.44 2.30 -0.53
EAST_PULASKI___ESR 323781	31.54 -0.27 0.00	30.47 -0.17 0.00	28.17 -0.30 0.00	29.81 -0.27 0.00	29.17 -0.15 0.00	26.51 -0.08 0.00	29.85 -0.06 0.00	26.19 -0.08 0.00	31.40 -0.19 0.00	32.61 -0.21 0.00	33.78 -0.26 0.00	36.17 -0.25 -0.23	44.05 -0.27 -2.83	62.16 -0.28 -6.80	59.43 -0.17 -6.11	51.14 0.06 -4.44	33.28 0.04 -0.30	31.67 0.13 0.00	29.11 0.23 0.00	30.68 0.22 -0.14	30.78 0.10 -0.14	27.86 0.01 0.00	22.01 -0.23 0.00	20.36 -0.25 0.00
EAST_RIVER___1 323558	33.68 1.87 0.00	32.22 1.57 0.00	29.91 1.45 0.00	31.45 1.38 0.00	30.64 1.31 0.00	27.98 1.40 0.00	31.73 1.62 -0.20	27.93 1.66 0.00	36.08 1.91 -2.58	59.04 2.09 -24.13	36.63 2.29 -0.30	38.74 2.50 -0.05	44.51 3.01 0.00	59.72 4.10 0.00	57.84 4.19 -0.15	99.33 4.12 -48.58	35.71 2.76 0.00	34.00 2.45 0.00	31.23 2.34 0.00	32.39 2.07 0.00	32.26 1.72 0.00	29.49 1.64 0.00	23.67 1.43 0.00	22.35 1.20 -0.54
EAST_RIVER___2 323559	33.77 1.97 0.00	32.29 1.65 0.00	29.98 1.51 0.00	31.52 1.45 0.00	30.70 1.37 0.00	28.05 1.47 0.00	31.79 1.68 -0.20	28.01 1.74 0.00	36.19 2.02 -2.58	59.16 2.21 -24.13	36.74 2.40 -0.30	38.86 2.63 -0.05	44.65 3.16 0.00	59.96 4.33 0.00	58.07 4.42 -0.15	99.56 4.34 -48.58	35.84 2.90 0.00	34.12 2.57 0.00	31.36 2.48 0.00	32.50 2.17 0.00	32.38 1.84 0.00	29.59 1.75 0.00	23.75 1.51 0.00	22.42 1.27 -0.54
EAST___DELAWARE_HYD 23607	33.09 1.29 0.00	31.68 1.04 0.00	29.41 0.95 0.00	30.96 0.89 0.00	30.15 0.82 0.00	27.48 0.89 0.00	31.05 1.04 -0.09	27.34 1.07 0.00	32.69 1.26 0.16	31.36 1.42 2.87	35.73 1.55 -0.14	38.01 1.79 -0.02	43.55 2.05 0.00	57.24 1.61 0.00	55.52 2.06 0.03	40.88 2.16 7.92	34.36 1.41 0.00	32.72 1.17 0.00	29.98 1.09 0.00	31.20 0.88 0.00	31.24 0.71 0.00	29.11 1.26 0.00	23.26 1.02 0.00	21.35 0.82 0.08
EIGHT_POINT___WT_PWR 323820	33.19 1.38 0.00	32.26 1.61 0.00	29.56 1.10 0.00	31.35 1.28 0.00	30.58 1.24 0.00	27.73 1.14 0.00	31.68 1.77 0.00	27.65 1.39 0.00	33.34 1.75 0.00	34.71 1.89 0.00	35.59 1.56 0.00	37.87 1.68 0.00	43.25 1.76 0.00	58.20 2.56 0.00	56.31 2.82 0.00	49.38 2.74 0.00	34.88 1.94 0.00	33.56 2.01 0.00	30.63 1.75 0.00	32.33 2.01 0.00	32.33 1.79 0.00	29.63 1.78 0.00	23.33 1.10 0.00	21.68 1.07 0.00
ELBRIDGE_115KV_TB2 80188	31.74 -0.06 0.00	30.70 0.05 0.00	28.47 0.01 0.00	30.10 0.03 0.00	29.30 -0.03 0.00	26.56 -0.03 0.00	29.98 0.06 0.00	26.30 0.03 0.00	31.62 0.03 0.00	32.90 0.08 0.00	33.98 -0.05 0.00	36.40 0.07 -0.14	43.40 0.14 -1.77	60.08 0.18 -4.28	57.66 0.32 -3.84	50.03 0.61 -2.79	33.50 0.37 -0.18	31.96 0.41 0.00	29.35 0.46 0.00	30.80 0.39 -0.09	30.89 0.26 -0.09	28.11 0.25 0.00	22.26 0.02 0.00	20.63 0.01 0.00
ELEC_TRO_TEK 24086	34.74 2.24 -0.69	32.55 1.90 0.00	30.18 1.71 0.00	31.68 1.60 0.00	30.82 1.48 0.00	28.14 1.56 0.00	31.86 1.75 -0.20	27.95 1.68 0.00	36.18 2.04 -2.56	58.94 2.19 -23.94	36.59 2.25 -0.30	38.71 2.47 -0.05	44.46 2.97 0.00	59.58 3.95 0.00	57.73 4.08 -0.15	99.55 4.18 -48.74	36.93 2.96 -1.03	34.10 2.55 0.00	31.20 2.31 0.00	32.20 1.88 0.00	32.08 1.54 0.00	29.38 1.53 0.00	23.51 1.26 0.00	22.32 1.18 -0.53
ELLENBURG_WT_PWR 323604	31.61 -0.19 0.00	30.27 -0.37 0.00	28.00 -0.46 0.00	29.73 -0.35 0.00	29.07 -0.26 0.00	26.36 -0.22 0.00	29.91 -0.01 0.00	26.60 0.33 0.00	32.16 0.57 0.00	33.40 0.58 0.00	34.61 0.57 0.00	36.76 0.57 0.00	42.02 0.53 0.00	55.96 0.33 0.00	53.56 0.07 0.00	46.47 -0.17 0.00	33.07 0.12 0.00	31.78 0.22 0.00	29.06 0.18 0.00	30.72 0.41 0.00	30.99 0.46 0.00	28.34 0.49 0.00	22.66 0.42 0.00	20.93 0.32 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	32.98 1.18 0.00	32.24 1.59 0.00	29.46 1.00 0.00	31.12 1.05 0.00	30.54 1.21 0.00	27.51 0.93 0.00	31.43 1.52 0.00	27.28 1.01 0.00	33.03 1.44 0.00	34.34 1.52 0.00	35.09 1.05 0.00	37.23 1.04 0.00	42.55 1.05 0.00	57.18 1.56 0.00	55.44 1.94 0.00	48.95 2.31 0.00	34.55 1.61 0.00	33.18 1.63 0.00	30.62 1.74 0.00	32.19 1.87 0.00	32.06 1.53 0.00	29.37 1.51 0.00	22.98 0.74 0.00	21.61 1.00 0.00
EMPIRE_CC_1 323656	32.45 0.65 0.00	31.16 0.51 0.00	29.07 0.60 0.00	30.66 0.59 0.00	29.83 0.50 0.00	27.13 0.54 0.00	29.96 0.44 0.39	26.54 0.28 0.00	31.83 0.28 0.04	37.71 0.30 -4.59	33.82 0.38 0.60	36.53 0.43 0.09	42.10 0.60 0.00	56.52 0.89 0.00	54.40 0.85 -0.06	65.01 1.15 -17.22	33.86 0.91 0.00	32.24 0.69 0.00	29.54 0.65 0.00	30.89 0.57 0.00	30.88 0.34 0.00	28.06 0.21 0.00	22.51 0.28 0.01	21.04 0.28 -0.15
EMPIRE_CC_2 323658	32.45 0.65 0.00	31.16 0.51 0.00	29.07 0.60 0.00	30.66 0.59 0.00	29.83 0.50 0.00	27.13 0.54 0.00	29.96 0.44 0.39	26.54 0.28 0.00	31.83 0.28 0.04	37.71 0.30 -4.59	33.82 0.38 0.60	36.53 0.43 0.09	42.10 0.60 0.00	56.52 0.89 0.00	54.40 0.85 -0.06	65.01 1.15 -17.22	33.86 0.91 0.00	32.24 0.69 0.00	29.54 0.65 0.00	30.89 0.57 0.00	30.88 0.34 0.00	28.06 0.21 0.00	22.51 0.28 0.01	21.04 0.28 -0.15
ENORWICH_115KV_TB1 80156	34.10 2.29 0.00	32.83 2.19 0.00	30.33 1.86 0.00	32.13 2.05 0.00	31.36 2.03 0.00	28.54 1.96 0.00	32.47 2.56 0.00	28.51 2.24 0.00	34.30 2.71 0.00	35.55 2.74 0.00	36.84 2.80 0.00	39.31 3.07 -0.05	45.91 3.83 -0.58	62.20 5.16 -1.41	59.85 5.09 -1.27	52.38 4.82 -0.92	36.28 3.27 -0.06	34.96 3.40 0.00	32.06 3.18 0.00	33.65 3.30 -0.03	33.60 3.04 -0.03	30.61 2.76 0.00	24.15 1.91 0.00	22.24 1.63 0.00

ERIE_ST__34_KV_TB1-2 80199	33.20 1.40 0.00	32.39 1.75 0.00	29.58 1.11 0.00	31.25 1.18 0.00	30.62 1.29 0.00	27.62 1.03 0.00	31.59 1.67 0.00	27.46 1.19 0.00	33.30 1.70 0.00	34.66 1.84 0.00	35.45 1.41 0.00	37.65 1.46 0.00	43.06 1.56 0.00	57.98 2.35 0.00	56.23 2.74 0.00	49.61 2.97 0.00	35.01 2.06 0.00	33.62 2.07 0.00	31.03 2.15 0.00	32.61 2.29 0.00	32.43 1.89 0.00	29.70 1.84 0.00	23.22 0.98 0.00	21.77 1.16 0.00
ERIE_WT_PWR 323693	33.17 1.37 0.00	32.38 1.74 0.00	29.58 1.12 0.00	31.26 1.19 0.00	30.66 1.33 0.00	27.63 1.05 0.00	31.58 1.67 0.00	27.43 1.16 0.00	33.22 1.63 0.00	34.54 1.72 0.00	35.32 1.28 0.00	37.50 1.31 0.00	42.82 1.32 0.00	57.67 2.04 0.00	55.91 2.42 0.00	49.33 2.70 0.00	34.80 1.86 0.00	33.44 1.89 0.00	30.85 1.96 0.00	32.43 2.11 0.00	32.27 1.74 0.00	29.58 1.73 0.00	23.13 0.89 0.00	21.71 1.10 0.00
ESPRGFLD_115KV_TB1 80157	34.10 2.29 0.00	32.88 2.23 0.00	30.38 1.92 0.00	32.11 2.04 0.00	31.48 2.15 0.00	28.61 2.03 0.00	32.24 2.43 0.10	28.51 2.24 0.00	34.13 2.70 0.17	35.16 2.81 0.47	36.76 2.87 0.15	39.16 2.99 0.02	44.95 3.46 0.00	60.19 4.56 0.00	57.96 4.44 -0.02	56.70 4.21 -5.85	35.93 2.99 0.00	34.51 2.96 0.00	31.68 2.80 0.00	33.23 2.91 0.00	33.42 2.89 0.00	30.28 2.43 0.00	24.01 1.77 0.00	22.12 1.52 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	32.57 0.77 0.00	31.45 0.81 0.00	29.13 0.66 0.00	30.82 0.75 0.00	30.00 0.67 0.00	27.25 0.66 0.00	30.83 0.92 0.00	27.05 0.78 0.00	32.52 0.93 0.00	33.81 1.00 0.00	34.93 0.89 0.00	37.36 1.10 -0.07	43.72 1.38 -0.84	59.46 1.79 -2.04	57.24 1.92 -1.83	49.90 1.93 -1.33	34.38 1.34 -0.09	32.90 1.36 0.00	30.24 1.36 0.00	31.76 1.39 -0.04	31.80 1.22 -0.04	28.98 1.13 0.00	22.93 0.69 0.00	21.20 0.59 0.00
ETNA____115KV_TB2 80207	32.57 0.77 0.00	31.45 0.81 0.00	29.13 0.66 0.00	30.82 0.75 0.00	30.00 0.67 0.00	27.25 0.66 0.00	30.83 0.92 0.00	27.05 0.78 0.00	32.52 0.93 0.00	33.81 1.00 0.00	34.93 0.89 0.00	37.36 1.10 -0.07	43.72 1.38 -0.84	59.46 1.79 -2.04	57.24 1.92 -1.83	49.90 1.93 -1.33	34.38 1.34 -0.09	32.90 1.36 0.00	30.24 1.36 0.00	31.76 1.39 -0.04	31.80 1.22 -0.04	28.98 1.13 0.00	22.93 0.69 0.00	21.20 0.59 0.00
EUCLID____115KV_TB2 356179	31.45 -0.36 0.00	30.42 -0.22 0.00	28.21 -0.25 0.00	29.81 -0.26 0.00	29.04 -0.29 0.00	26.28 -0.31 0.00	29.61 -0.30 0.00	25.97 -0.30 0.00	31.22 -0.37 0.00	32.47 -0.34 0.00	33.62 -0.42 0.00	35.87 -0.37 -0.05	41.70 -0.37 -0.58	56.62 -0.41 -1.41	54.48 -0.27 -1.26	47.56 0.00 -0.92	32.99 -0.02 -0.06	31.55 0.00 0.00	28.97 0.08 0.00	30.37 0.02 -0.03	30.44 -0.13 -0.03	27.74 -0.12 0.00	22.00 -0.24 0.00	20.40 -0.21 0.00
E_CANADA_CAP_HY 24051	34.72 2.92 0.00	33.45 2.81 0.00	30.91 2.45 0.00	32.66 2.58 0.00	32.08 2.75 0.00	29.15 2.57 0.00	32.80 3.03 0.14	29.05 2.78 0.00	35.02 3.32 -0.11	39.12 3.32 -2.99	37.21 3.39 0.21	39.61 3.45 0.03	45.44 3.94 0.00	60.82 5.20 0.00	58.60 5.08 -0.03	60.03 4.91 -8.48	36.50 3.56 0.00	34.99 3.43 0.00	32.16 3.27 0.00	33.78 3.46 0.00	34.01 3.47 0.00	30.69 2.84 0.00	24.33 2.09 0.00	22.51 1.82 -0.08
E_CANADA_MHWK_HY 24050	31.63 -0.18 0.00	30.32 -0.32 0.00	28.26 -0.20 0.00	29.91 -0.16 0.00	29.00 -0.34 0.00	26.41 -0.17 0.00	29.64 -0.27 0.00	25.93 -0.34 0.00	31.02 -0.58 0.00	32.18 -0.64 0.00	33.55 -0.49 0.00	35.91 -0.29 0.00	41.59 0.09 0.00	55.85 0.22 0.00	53.77 0.28 0.00	46.90 0.26 0.00	33.22 0.27 0.00	31.58 0.03 0.00	29.08 0.20 0.00	30.41 0.09 0.00	30.40 -0.14 0.00	27.81 -0.04 0.00	22.18 -0.06 0.00	20.50 -0.11 0.00
E_FISHKILL____LBMP 23776	33.22 1.41 0.00	31.81 1.17 0.00	29.57 1.10 0.00	31.13 1.06 0.00	30.31 0.98 0.00	27.63 1.04 0.00	31.28 1.16 -0.20	27.43 1.16 0.00	34.12 1.31 -1.21	44.20 1.44 -9.95	35.95 1.61 -0.31	38.03 1.79 -0.05	43.68 2.18 0.00	58.60 2.97 0.00	56.68 3.07 -0.12	85.06 3.15 -35.27	35.12 2.17 0.00	33.43 1.88 0.00	30.65 1.76 0.00	31.85 1.52 0.00	31.75 1.21 0.00	28.98 1.13 0.00	23.23 0.99 0.00	21.67 0.85 -0.21
FALCON____SEABRD_CC1 323796	31.96 0.16 0.00	30.58 -0.07 0.00	28.27 -0.20 0.00	30.03 -0.04 0.00	29.35 0.02 0.00	26.61 0.02 0.00	30.19 0.28 0.00	26.87 0.60 0.00	32.48 0.89 0.00	33.77 0.95 0.00	34.95 0.91 0.00	37.14 0.95 0.00	42.52 1.02 0.00	56.67 1.04 0.00	54.26 0.77 0.00	47.11 0.47 0.00	33.53 0.59 0.00	32.17 0.62 0.00	29.46 0.58 0.00	31.12 0.80 0.00	31.39 0.85 0.00	28.67 0.82 0.00	22.94 0.70 0.00	21.21 0.60 0.00
FALCON____SEABRD_CC2 323797	31.96 0.16 0.00	30.58 -0.07 0.00	28.27 -0.20 0.00	30.03 -0.04 0.00	29.35 0.02 0.00	26.61 0.02 0.00	30.19 0.28 0.00	26.87 0.60 0.00	32.48 0.89 0.00	33.77 0.95 0.00	34.95 0.91 0.00	37.14 0.95 0.00	42.52 1.02 0.00	56.67 1.04 0.00	54.26 0.77 0.00	47.11 0.47 0.00	33.53 0.59 0.00	32.17 0.62 0.00	29.46 0.58 0.00	31.12 0.80 0.00	31.39 0.85 0.00	28.67 0.82 0.00	22.94 0.70 0.00	21.21 0.60 0.00
FAR ROCKAWAY____4 23548	35.38 2.88 -0.69	33.13 2.49 0.00	30.69 2.22 0.00	32.20 2.13 0.00	31.32 1.99 0.00	28.60 2.01 0.00	32.35 2.24 -0.20	28.41 2.14 0.00	36.65 2.50 -2.56	59.46 2.71 -23.94	37.14 2.80 -0.30	39.38 3.14 -0.05	45.26 3.77 0.00	60.64 5.01 0.00	58.78 5.13 -0.15	100.50 5.12 -48.74	37.31 3.34 -1.03	34.59 3.04 0.00	31.62 2.74 0.00	32.60 2.28 0.00	32.47 1.94 0.00	29.82 1.97 0.00	23.93 1.68 0.00	22.68 1.54 -0.53
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	33.70 1.90 0.00	32.24 1.59 0.00	29.93 1.47 0.00	31.48 1.40 0.00	30.66 1.33 0.00	27.99 1.40 0.00	31.76 1.65 -0.20	27.95 1.68 0.00	36.10 1.93 -2.57	59.06 2.11 -24.13	36.63 2.30 -0.30	38.75 2.51 -0.05	44.51 3.02 0.00	59.75 4.12 0.00	57.86 4.21 -0.15	99.37 4.15 -48.58	35.73 2.78 0.00	34.02 2.47 0.00	31.25 2.37 0.00	32.42 2.10 0.00	32.28 1.74 0.00	29.52 1.66 0.00	23.68 1.44 0.00	22.36 1.21 -0.54
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	33.74 1.94 0.00	32.27 1.62 0.00	29.96 1.50 0.00	31.51 1.43 0.00	30.69 1.36 0.00	28.01 1.43 0.00	31.79 1.68 -0.20	27.97 1.70 0.00	36.13 1.96 -2.57	59.08 2.13 -24.13	36.66 2.32 -0.30	38.78 2.54 -0.05	44.55 3.05 0.00	59.80 4.17 0.00	57.91 4.26 -0.15	99.40 4.18 -48.58	35.76 2.81 0.00	34.04 2.49 0.00	31.28 2.39 0.00	32.45 2.13 0.00	32.30 1.76 0.00	29.54 1.69 0.00	23.70 1.46 0.00	22.38 1.23 -0.54
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	33.68 1.88 0.00	32.22 1.58 0.00	29.91 1.45 0.00	31.45 1.38 0.00	30.64 1.31 0.00	27.98 1.40 0.00	31.74 1.63 -0.20	27.94 1.67 0.00	36.09 1.93 -2.57	59.04 2.09 -24.13	36.61 2.28 -0.30	38.73 2.49 -0.05	44.48 2.99 0.00	59.70 4.08 0.00	57.82 4.17 -0.15	99.33 4.11 -48.58	35.70 2.76 0.00	34.01 2.46 0.00	31.23 2.35 0.00	32.40 2.08 0.00	32.25 1.72 0.00	29.49 1.64 0.00	23.67 1.43 0.00	22.34 1.19 -0.54

FARRAGUT___LBMP 323566	33.65 1.84 0.00	32.19 1.55 0.00	29.89 1.42 0.00	31.43 1.35 0.00	30.61 1.28 0.00	27.96 1.37 0.00	31.70 1.59 -0.20	27.90 1.63 0.00	36.04 1.87 -2.57	58.99 2.04 -24.13	36.56 2.23 -0.30	38.67 2.43 -0.05	44.42 2.93 0.00	59.62 3.99 0.00	57.73 4.09 -0.15	99.25 4.03 -48.58	35.66 2.72 0.00	33.96 2.41 0.00	31.20 2.31 0.00	32.36 2.04 0.00	32.22 1.68 0.00	29.46 1.61 0.00	23.65 1.41 0.00	22.32 1.18 -0.54
FENNER___WINDPWR 24204	32.44 0.64 0.00	31.26 0.62 0.00	28.92 0.46 0.00	30.62 0.55 0.00	29.94 0.60 0.00	27.24 0.65 0.00	30.74 0.82 0.00	27.00 0.73 0.00	32.47 0.88 0.00	33.73 0.91 0.00	34.95 0.91 0.00	37.35 1.10 -0.06	43.57 1.40 -0.68	59.26 1.97 -1.66	56.94 1.96 -1.49	49.44 1.72 -1.08	34.24 1.23 -0.07	32.79 1.23 0.00	30.10 1.22 0.00	31.60 1.25 -0.04	31.70 1.13 -0.03	28.81 0.96 0.00	22.82 0.58 0.00	21.08 0.47 0.00
FIBERTEK___ENERGY 23856	31.81 0.00 0.00	30.75 0.10 0.00	28.52 0.05 0.00	30.14 0.07 0.00	29.36 0.03 0.00	26.60 0.02 0.00	30.00 0.09 0.00	26.32 0.05 0.00	31.65 0.06 0.00	32.92 0.10 0.00	34.08 0.04 0.00	36.50 0.17 -0.13	43.40 0.26 -1.64	60.02 0.43 -3.97	57.60 0.55 -3.56	49.94 0.71 -2.59	33.57 0.46 -0.17	32.02 0.47 0.00	29.41 0.52 0.00	30.86 0.46 -0.08	30.93 0.31 -0.08	28.14 0.29 0.00	22.29 0.06 0.00	20.65 0.04 0.00
FITZPATRICK____ 23598	30.94 -0.87 0.00	29.94 -0.71 0.00	27.78 -0.68 0.00	29.36 -0.72 0.00	28.59 -0.74 0.00	25.85 -0.73 0.00	29.11 -0.81 0.00	25.54 -0.73 0.00	30.70 -0.89 0.00	31.92 -0.90 0.00	33.05 -0.99 0.00	34.22 -1.01 0.96	28.49 -1.14 11.87	25.41 -1.46 28.76	26.36 -1.32 25.82	26.90 -0.98 18.76	31.00 -0.70 1.25	30.91 -0.64 0.00	28.35 -0.54 0.00	29.11 -0.61 0.61	29.23 -0.71 0.61	27.21 -0.64 0.00	21.63 -0.61 0.00	20.06 -0.55 0.00
FLOWRFLD_69_KV_BK1 356044	35.38 2.89 -0.69	33.18 2.53 0.00	30.75 2.29 0.00	32.20 2.13 0.00	31.29 1.96 0.00	28.59 2.00 0.00	32.42 2.31 -0.20	28.41 2.14 0.00	36.85 2.70 -2.56	59.61 2.86 -23.94	36.99 2.65 -0.30	39.12 2.88 -0.05	44.88 3.38 0.00	60.02 4.39 0.00	58.47 4.38 -0.59	101.83 4.66 -50.53	57.80 3.57 -21.28	45.53 3.18 -10.80	31.68 2.78 -0.01	32.46 2.14 0.00	32.23 1.69 0.00	29.47 1.62 0.00	23.53 1.28 0.00	22.51 1.36 -0.53
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	33.71 1.90 0.00	32.28 1.63 0.00	29.97 1.51 0.00	31.56 1.49 0.00	30.73 1.40 0.00	28.01 1.43 0.00	31.69 1.62 -0.15	27.85 1.59 0.00	33.68 1.84 -0.25	35.51 2.01 -0.69	36.49 2.22 -0.23	38.73 2.50 -0.04	44.58 3.08 0.00	59.92 4.29 0.00	57.93 4.39 -0.04	62.24 4.20 -11.40	35.77 2.82 0.00	34.04 2.49 0.00	31.19 2.31 0.00	32.42 2.10 0.00	32.34 1.80 0.00	29.50 1.65 0.00	23.61 1.37 0.00	21.77 1.16 0.00
FORT ORANGE____ 23900	32.60 0.80 0.00	31.30 0.66 0.00	29.16 0.70 0.00	30.78 0.71 0.00	29.96 0.63 0.00	27.22 0.64 0.00	30.31 0.60 0.20	26.73 0.46 0.00	32.25 0.50 -0.16	37.58 0.48 -4.28	34.25 0.51 0.31	36.71 0.57 0.05	42.24 0.74 0.00	56.87 1.24 0.00	54.86 1.32 -0.04	61.38 1.43 -13.31	34.01 1.07 0.00	32.43 0.88 0.00	29.69 0.81 0.00	31.04 0.72 0.00	31.06 0.52 0.00	28.23 0.38 0.00	22.61 0.37 0.00	21.11 0.38 -0.12
FORT_DRUM_COGEN 23780	32.11 0.31 0.00	30.88 0.24 0.00	28.27 -0.19 0.00	30.04 -0.04 0.00	29.82 0.49 0.00	27.42 0.83 0.00	30.99 1.07 0.00	27.28 1.01 0.00	32.73 1.14 0.00	33.90 1.09 0.00	35.24 1.21 0.00	37.59 1.27 -0.12	44.35 1.38 -1.48	60.97 1.91 -3.44	58.50 1.93 -3.08	50.46 1.59 -2.24	34.36 1.27 -0.15	32.97 1.41 0.00	30.36 1.48 0.00	32.07 1.68 -0.07	32.28 1.67 -0.07	28.82 0.97 0.00	22.50 0.26 0.00	20.69 0.08 0.00
FPL_FAR_ROCK_GT1 24212	35.38 2.88 -0.69	33.13 2.49 0.00	30.69 2.22 0.00	32.20 2.13 0.00	31.32 1.99 0.00	28.60 2.01 0.00	32.35 2.24 -0.20	28.41 2.14 0.00	36.65 2.50 -2.56	59.45 2.70 -23.94	37.14 2.80 -0.30	39.38 3.14 -0.05	45.26 3.77 0.00	60.64 5.01 0.00	58.78 5.13 -0.15	100.51 5.13 -48.74	37.31 3.34 -1.03	34.59 3.03 0.00	31.62 2.74 0.00	32.60 2.27 0.00	32.47 1.94 0.00	29.82 1.97 0.00	23.93 1.68 0.00	22.68 1.54 -0.53
FPL_FAR_ROCK_GT2 23815	35.38 2.88 -0.69	33.13 2.49 0.00	30.69 2.22 0.00	32.20 2.13 0.00	31.32 1.99 0.00	28.60 2.01 0.00	32.35 2.24 -0.20	28.41 2.14 0.00	36.65 2.50 -2.56	59.45 2.70 -23.94	37.14 2.80 -0.30	39.38 3.14 -0.05	45.26 3.77 0.00	60.64 5.01 0.00	58.78 5.13 -0.15	100.51 5.13 -48.74	37.31 3.34 -1.03	34.59 3.03 0.00	31.62 2.74 0.00	32.60 2.27 0.00	32.47 1.94 0.00	29.82 1.97 0.00	23.93 1.68 0.00	22.68 1.54 -0.53
FRANKLIN_FALL_HYD 24054	31.67 -0.14 0.00	30.36 -0.28 0.00	28.07 -0.39 0.00	29.77 -0.30 0.00	29.15 -0.18 0.00	26.43 -0.16 0.00	29.97 0.05 0.00	26.60 0.33 0.00	32.13 0.54 0.00	33.35 0.53 0.00	34.63 0.59 0.00	36.74 0.55 0.00	41.99 0.49 0.00	55.96 0.33 0.00	53.60 0.10 0.00	46.35 -0.29 0.00	32.89 -0.05 0.00	31.67 0.12 0.00	28.90 0.02 0.00	30.74 0.42 0.00	31.05 0.51 0.00	28.38 0.53 0.00	22.64 0.40 0.00	20.90 0.29 0.00
FREEPORT_EQUS_GT1 23764	35.11 2.61 -0.69	32.87 2.22 0.00	30.45 1.99 0.00	31.94 1.87 0.00	31.05 1.72 0.00	28.36 1.78 0.00	32.10 2.00 -0.20	28.17 1.90 0.00	36.47 2.32 -2.56	59.25 2.50 -23.94	36.90 2.57 -0.30	39.02 2.78 -0.05	44.75 3.26 0.00	59.99 4.36 0.00	58.15 4.50 -0.15	99.99 4.61 -48.74	37.30 3.33 -1.03	34.46 2.91 0.00	31.49 2.61 0.00	32.45 2.14 0.00	32.32 1.78 0.00	29.62 1.77 0.00	23.68 1.44 0.00	22.49 1.35 -0.53
FREEPORT___CT2 23818	35.11 2.61 -0.69	32.87 2.22 0.00	30.45 1.99 0.00	31.94 1.87 0.00	31.05 1.72 0.00	28.36 1.78 0.00	32.10 2.00 -0.20	28.17 1.90 0.00	36.47 2.32 -2.56	59.25 2.50 -23.94	36.90 2.57 -0.30	39.02 2.78 -0.05	44.75 3.26 0.00	59.99 4.36 0.00	58.15 4.50 -0.15	99.99 4.61 -48.74	37.30 3.33 -1.03	34.46 2.91 0.00	31.49 2.61 0.00	32.45 2.14 0.00	32.32 1.78 0.00	29.62 1.77 0.00	23.68 1.44 0.00	22.49 1.35 -0.53
FRESHKLS_33_KV_LOAD 356253	33.08 1.88 0.61	32.33 1.69 0.00	30.07 1.61 0.00	31.43 1.36 0.00	30.69 1.36 0.00	28.04 1.46 0.00	31.75 1.64 -0.20	27.97 1.70 0.00	32.47 1.84 0.96	31.22 1.99 3.58	33.89 2.16 2.30	35.58 2.39 3.00	37.75 2.80 6.54	35.47 3.77 23.92	34.59 3.93 22.83	36.23 3.71 14.12	35.35 2.51 0.11	33.75 2.20 0.00	31.18 2.30 0.00	32.32 2.00 0.00	32.21 1.67 0.00	29.58 1.72 0.00	23.73 1.48 0.00	22.43 1.28 -0.54
FULTON COGEN____ 23766	31.42 -0.39 0.00	30.39 -0.25 0.00	28.19 -0.28 0.00	29.79 -0.28 0.00	29.02 -0.31 0.00	26.25 -0.33 0.00	29.58 -0.34 0.00	25.93 -0.34 0.00	31.15 -0.45 0.00	32.40 -0.42 0.00	33.55 -0.49 0.00	35.96 -0.50 -0.26	44.17 -0.52 -3.19	62.77 -0.58 -7.72	59.95 -0.48 -6.93	51.53 -0.15 -5.04	33.15 -0.13 -0.33	31.45 -0.09 0.00	28.90 0.02 0.00	30.45 -0.04 -0.16	30.51 -0.19 -0.16	27.69 -0.16 0.00	21.97 -0.27 0.00	20.37 -0.24 0.00

FULTON___LFGE 323630	35.31 3.50 0.00	33.96 3.32 0.00	31.37 2.90 0.00	33.10 3.03 0.00	32.43 3.10 0.00	29.52 2.93 0.00	33.15 3.40 0.16	29.26 2.99 0.00	34.60 2.87 -0.13	39.12 2.91 -3.39	37.04 3.24 0.24	39.19 3.04 0.04	45.63 4.13 0.00	61.31 5.69 0.00	59.63 6.10 -0.03	61.92 5.69 -9.60	36.73 3.78 0.00	34.81 3.27 0.00	32.53 3.64 0.00	34.29 3.97 0.00	34.50 3.96 0.00	31.16 3.32 0.00	24.64 2.40 0.00	22.94 2.23 -0.09
G.F.CEMENT___DRP 24184	33.57 1.76 0.00	32.20 1.55 0.00	29.88 1.41 0.00	31.58 1.51 0.00	30.72 1.39 0.00	27.90 1.32 0.00	31.12 1.45 0.24	27.51 1.24 0.00	33.14 1.45 -0.10	38.40 1.54 -4.05	35.28 1.60 0.36	37.96 1.83 0.06	43.56 2.06 0.00	58.64 3.01 0.00	56.41 2.87 -0.04	63.12 3.24 -13.24	35.36 2.42 0.00	33.67 2.12 0.00	31.04 2.16 0.00	32.37 2.05 0.00	32.31 1.77 0.00	29.40 1.54 0.00	23.46 1.23 0.00	21.87 1.14 -0.12
GARDENVILLE___LBMP 24039	33.05 1.25 0.00	32.28 1.63 0.00	29.50 1.04 0.00	31.17 1.10 0.00	30.58 1.24 0.00	27.55 0.97 0.00	31.49 1.58 0.00	27.35 1.08 0.00	33.10 1.51 0.00	34.41 1.60 0.00	35.19 1.15 0.00	37.35 1.16 0.00	42.69 1.19 0.00	57.39 1.77 0.00	55.65 2.15 0.00	49.11 2.47 0.00	34.64 1.70 0.00	33.28 1.72 0.00	30.71 1.82 0.00	32.27 1.95 0.00	32.14 1.61 0.00	29.44 1.59 0.00	23.03 0.79 0.00	21.63 1.02 0.00
GARDNVLA_35_KV_LD 355827	33.21 1.40 0.00	32.43 1.78 0.00	29.62 1.16 0.00	31.30 1.22 0.00	30.69 1.36 0.00	27.65 1.07 0.00	31.60 1.69 0.00	27.45 1.19 0.00	33.26 1.67 0.00	34.59 1.78 0.00	35.37 1.33 0.00	37.56 1.37 0.00	42.97 1.48 0.00	57.83 2.20 0.00	56.08 2.58 0.00	49.50 2.86 0.00	34.91 1.96 0.00	33.52 1.97 0.00	30.95 2.06 0.00	32.51 2.19 0.00	32.37 1.84 0.00	29.65 1.80 0.00	23.19 0.95 0.00	21.76 1.15 0.00
GELCKHM___115KV_LOAD 80723	31.58 -0.23 0.00	30.54 -0.11 0.00	28.32 -0.14 0.00	29.93 -0.14 0.00	29.15 -0.17 0.00	26.39 -0.19 0.00	29.76 -0.15 0.00	26.10 -0.17 0.00	31.40 -0.20 0.00	32.65 -0.17 0.00	33.80 -0.24 0.00	36.10 -0.17 -0.08	42.32 -0.14 -0.96	57.87 -0.09 -2.33	55.63 0.04 -2.09	48.42 0.26 -1.52	33.21 0.16 -0.10	31.73 0.18 0.00	29.14 0.26 0.00	30.56 0.19 -0.05	30.63 0.04 -0.05	27.89 0.04 0.00	22.11 -0.13 0.00	20.49 -0.11 0.00
GENERAL___MILLS 23808	33.13 1.33 0.00	32.36 1.71 0.00	29.56 1.10 0.00	31.23 1.16 0.00	30.63 1.30 0.00	27.61 1.02 0.00	31.55 1.64 0.00	27.40 1.13 0.00	33.17 1.58 0.00	34.50 1.69 0.00	35.28 1.24 0.00	37.48 1.27 -0.02	42.82 1.33 0.00	57.61 1.98 0.00	55.85 2.36 0.00	49.30 2.66 0.00	34.76 1.82 0.00	33.39 1.84 0.00	30.81 1.93 0.00	32.38 2.06 0.00	32.25 1.71 0.00	29.54 1.69 0.00	23.11 0.87 0.00	21.69 1.09 0.00
GE_PLASTICS___DRP 24183	32.55 0.75 0.00	31.27 0.62 0.00	29.12 0.66 0.00	30.75 0.68 0.00	29.94 0.61 0.00	27.19 0.60 0.00	30.29 0.55 0.16	26.70 0.44 0.00	32.29 0.48 -0.22	37.70 0.46 -4.43	34.18 0.39 0.25	36.52 0.37 0.04	41.97 0.47 0.00	56.39 0.76 0.00	54.30 0.76 -0.04	60.76 0.97 -13.14	33.67 0.73 0.00	32.12 0.57 0.00	29.42 0.53 0.00	30.77 0.44 0.00	30.80 0.26 0.00	28.02 0.17 0.00	22.48 0.25 0.00	21.07 0.34 -0.12
GILBOA___1 23756	32.86 1.05 0.00	31.58 0.93 0.00	29.47 1.00 0.00	31.20 1.12 0.00	30.39 1.06 0.00	27.52 0.94 0.00	30.66 0.75 0.00	26.87 0.61 0.00	32.60 0.69 -0.32	36.87 0.76 -3.29	34.87 0.83 0.00	37.13 0.94 0.00	42.67 1.17 0.00	57.09 1.46 0.00	54.81 1.29 -0.02	55.14 1.54 -6.96	34.09 1.15 0.00	32.57 1.02 0.00	29.86 0.97 0.00	31.17 0.85 0.00	31.23 0.70 0.00	28.47 0.62 0.00	22.77 0.52 0.00	21.16 0.47 -0.08
GILBOA___2 23757	32.86 1.05 0.00	31.58 0.93 0.00	29.47 1.00 0.00	31.20 1.12 0.00	30.39 1.06 0.00	27.52 0.94 0.00	30.66 0.75 0.00	26.87 0.61 0.00	32.60 0.69 -0.32	36.87 0.76 -3.29	34.87 0.83 0.00	37.13 0.94 0.00	42.67 1.17 0.00	57.09 1.46 0.00	54.81 1.29 -0.02	55.14 1.54 -6.96	34.09 1.15 0.00	32.57 1.02 0.00	29.86 0.97 0.00	31.17 0.85 0.00	31.23 0.70 0.00	28.47 0.62 0.00	22.77 0.52 0.00	21.16 0.47 -0.08
GILBOA___3 23758	32.86 1.05 0.00	31.58 0.93 0.00	29.47 1.00 0.00	31.20 1.12 0.00	30.39 1.06 0.00	27.52 0.94 0.00	30.66 0.75 0.00	26.87 0.61 0.00	32.60 0.69 -0.32	36.87 0.76 -3.29	34.87 0.83 0.00	37.13 0.94 0.00	42.67 1.17 0.00	57.09 1.46 0.00	54.81 1.29 -0.02	55.14 1.54 -6.96	34.09 1.15 0.00	32.57 1.02 0.00	29.86 0.97 0.00	31.17 0.85 0.00	31.23 0.70 0.00	28.47 0.62 0.00	22.77 0.52 0.00	21.16 0.47 -0.08
GILBOA___4 23759	32.86 1.05 0.00	31.58 0.93 0.00	29.47 1.00 0.00	31.20 1.12 0.00	30.39 1.06 0.00	27.52 0.94 0.00	30.66 0.75 0.00	26.87 0.61 0.00	32.60 0.69 -0.32	36.87 0.76 -3.29	34.87 0.83 0.00	37.13 0.94 0.00	42.67 1.17 0.00	57.09 1.46 0.00	54.81 1.29 -0.02	55.14 1.54 -6.96	34.09 1.15 0.00	32.57 1.02 0.00	29.86 0.97 0.00	31.17 0.85 0.00	31.23 0.70 0.00	28.47 0.62 0.00	22.77 0.52 0.00	21.16 0.47 -0.08
GILBOA___ 23599	32.86 1.05 0.00	31.58 0.93 0.00	29.47 1.00 0.00	31.20 1.12 0.00	30.39 1.06 0.00	27.52 0.94 0.00	30.66 0.75 0.00	26.87 0.61 0.00	32.60 0.69 -0.32	36.87 0.76 -3.29	34.87 0.83 0.00	37.13 0.94 0.00	42.66 1.17 0.00	57.09 1.46 0.00	54.81 1.29 -0.02	55.14 1.54 -6.96	34.09 1.15 0.00	32.58 1.03 0.00	29.86 0.97 0.00	31.18 0.86 0.00	31.23 0.70 0.00	28.47 0.62 0.00	22.77 0.52 0.00	21.16 0.47 -0.08
GINNA___ 23603	30.98 -0.83 0.00	30.07 -0.57 0.00	27.70 -0.76 0.00	29.22 -0.85 0.00	28.62 -0.71 0.00	25.85 -0.73 0.00	29.33 -0.58 0.00	25.65 -0.62 0.00	30.98 -0.61 0.00	32.25 -0.57 0.00	33.19 -0.84 0.04	35.24 -0.92 0.47	39.98 -1.04 1.15	53.36 -1.13 1.03	51.63 -0.83 0.75	45.62 -0.27 0.05	32.70 -0.19 0.00	31.41 -0.14 0.00	28.87 -0.02 0.00	30.31 0.02 0.02	30.27 -0.24 0.02	27.64 -0.21 0.00	21.75 -0.49 0.00	20.27 -0.34 0.00
GLEN PARK___ 23778	32.34 0.53 0.00	31.11 0.46 0.00	28.48 0.01 0.00	30.24 0.17 0.00	30.01 0.68 0.00	27.60 1.01 0.00	31.21 1.29 0.00	27.47 1.20 0.00	32.95 1.36 0.00	34.11 1.29 0.00	35.48 1.44 0.00	37.86 1.54 -0.12	44.70 1.67 -1.54	61.55 2.31 -3.60	59.06 2.34 -3.23	50.94 1.96 -2.35	34.63 1.53 -0.16	33.23 1.68 0.00	30.64 1.75 0.00	32.36 1.97 -0.08	32.58 1.97 -0.08	29.04 1.19 0.00	22.65 0.41 0.00	20.82 0.21 0.00
GLENDALE_27_KV_LOAD 356172	33.93 2.12 0.00	32.44 1.80 0.00	30.10 1.63 0.00	31.63 1.55 0.00	30.81 1.48 0.00	28.16 1.57 0.00	31.94 1.83 -0.20	28.14 1.87 0.00	36.33 2.17 -2.57	59.28 2.35 -24.12	36.80 2.47 -0.30	38.93 2.69 -0.05	44.69 3.19 0.00	59.92 4.29 0.00	58.07 4.42 -0.15	99.47 4.26 -48.57	35.82 2.87 0.00	34.09 2.54 0.00	31.34 2.46 0.00	32.53 2.21 0.00	32.41 1.88 0.00	29.68 1.83 0.00	23.82 1.58 0.00	22.47 1.32 -0.54

GLENWOOD_IC_1_G5 23712	34.74 2.25 -0.69	32.55 1.90 0.00	30.20 1.73 0.00	31.72 1.65 0.00	30.86 1.53 0.00	28.18 1.59 0.00	31.93 1.82 -0.20	28.02 1.76 0.00	36.05 1.90 -2.56	58.86 2.11 -23.94	36.84 2.50 -0.30	38.90 2.66 -0.05	44.53 3.03 0.00	59.74 4.11 0.00	57.89 4.24 -0.15	99.65 4.27 -48.74	36.92 2.96 -1.03	34.07 2.52 0.00	31.17 2.29 0.00	32.23 1.91 0.00	32.10 1.56 0.00	29.36 1.51 0.00	23.50 1.26 0.00	22.39 1.25 -0.53
GLENWOOD_IC_2_G1 23688	34.52 2.02 -0.69	32.35 1.70 0.00	30.02 1.56 0.00	31.55 1.48 0.00	30.72 1.38 0.00	28.04 1.45 0.00	31.77 1.65 -0.20	27.90 1.63 0.00	36.04 1.90 -2.56	58.82 2.07 -23.94	36.59 2.25 -0.30	38.71 2.47 -0.05	44.46 2.97 0.00	59.62 4.00 0.00	57.76 4.12 -0.15	99.51 4.14 -48.74	36.82 2.85 -1.03	34.03 2.48 0.00	31.18 2.29 0.00	32.28 1.96 0.00	32.16 1.62 0.00	29.41 1.55 0.00	23.53 1.29 0.00	22.30 1.16 -0.53
GLENWOOD_IC_3_G1 23689	34.52 2.02 -0.69	32.35 1.70 0.00	30.02 1.56 0.00	31.55 1.48 0.00	30.72 1.38 0.00	28.04 1.45 0.00	31.77 1.65 -0.20	27.90 1.63 0.00	36.04 1.90 -2.56	58.82 2.07 -23.94	36.59 2.25 -0.30	38.71 2.47 -0.05	44.46 2.97 0.00	59.62 4.00 0.00	57.76 4.12 -0.15	99.51 4.14 -48.74	36.82 2.85 -1.03	34.03 2.48 0.00	31.18 2.29 0.00	32.28 1.96 0.00	32.16 1.62 0.00	29.41 1.55 0.00	23.53 1.29 0.00	22.30 1.16 -0.53
GLENWOOD___4 23550	34.74 2.25 -0.69	32.55 1.90 0.00	30.20 1.73 0.00	31.72 1.65 0.00	30.86 1.53 0.00	28.18 1.59 0.00	31.93 1.82 -0.20	28.03 1.76 0.00	36.13 1.98 -2.56	58.94 2.19 -23.94	36.84 2.50 -0.30	38.94 2.70 -0.05	44.63 3.14 0.00	59.89 4.26 0.00	58.02 4.38 -0.15	99.78 4.40 -48.74	37.01 3.04 -1.03	34.14 2.59 0.00	31.25 2.36 0.00	32.32 1.99 0.00	32.18 1.64 0.00	29.43 1.58 0.00	23.54 1.30 0.00	22.39 1.25 -0.53
GLENWOOD___5 23614	34.74 2.25 -0.69	32.55 1.90 0.00	30.20 1.73 0.00	31.72 1.65 0.00	30.86 1.53 0.00	28.18 1.59 0.00	31.93 1.82 -0.20	28.03 1.76 0.00	36.13 1.98 -2.56	58.94 2.19 -23.94	36.84 2.50 -0.30	38.94 2.70 -0.05	44.63 3.14 0.00	59.89 4.26 0.00	58.02 4.38 -0.15	99.78 4.40 -48.74	37.01 3.04 -1.03	34.14 2.59 0.00	31.25 2.36 0.00	32.32 1.99 0.00	32.18 1.64 0.00	29.43 1.58 0.00	23.54 1.30 0.00	22.39 1.25 -0.53
GLOBAL GREEN_PORT_GT1 23814	36.66 4.16 -0.69	34.42 3.77 0.00	31.86 3.40 0.00	33.34 3.27 0.00	32.37 3.03 0.00	29.58 3.00 0.00	33.61 3.49 -0.20	29.46 3.19 0.00	38.33 4.19 -2.56	61.22 4.47 -23.94	38.83 4.50 -0.30	41.23 4.99 -0.05	47.31 5.81 0.00	63.51 7.89 0.00	61.85 7.94 -0.42	104.08 7.63 -49.81	54.45 5.62 -15.89	44.61 5.09 -7.97	33.52 4.63 0.00	34.38 4.06 0.00	34.05 3.52 0.00	30.97 3.12 0.00	24.62 2.38 0.00	23.37 2.23 -0.53
GLOBE___DSASP 323697	32.31 0.50 0.00	31.76 1.11 0.00	29.01 0.54 0.00	30.62 0.55 0.00	30.13 0.80 0.00	27.07 0.49 0.00	30.89 0.98 0.00	26.75 0.48 0.00	32.24 0.65 0.00	33.43 0.62 0.00	34.13 0.09 0.03	36.08 -0.08 0.35	40.77 -0.37 0.35	54.10 -0.68 0.85	52.46 -0.27 0.77	46.61 0.52 0.56	33.36 0.45 0.04	32.08 0.53 0.00	29.61 0.73 0.00	31.18 0.88 0.02	31.09 0.57 0.02	28.50 0.65 0.00	22.31 0.07 0.00	21.16 0.55 0.00
GOETHSLN___LBMP 323567	32.83 1.63 0.61	32.00 1.36 0.00	29.70 1.24 0.00	31.25 1.18 0.00	30.44 1.11 0.00	27.80 1.21 0.00	31.52 1.41 -0.20	27.74 1.47 0.00	32.29 1.65 0.96	31.48 1.79 3.12	35.13 1.97 0.89	35.38 2.17 2.98	39.28 2.63 4.85	37.01 3.59 22.22	41.04 3.70 16.15	37.01 3.71 13.34	35.44 2.50 0.00	33.76 2.21 0.00	31.04 2.15 0.00	32.19 1.87 0.00	32.04 1.50 0.00	29.29 1.44 0.00	23.52 1.27 0.00	22.18 1.04 -0.54
GOLAH___69_KV_TB 1_2 80279	32.89 1.09 0.00	32.11 1.47 0.00	29.56 1.09 0.00	31.11 1.04 0.00	30.59 1.26 0.00	27.56 0.97 0.00	31.34 1.43 0.00	27.35 1.08 0.00	33.01 1.42 0.00	34.28 1.46 0.00	35.23 1.19 0.00	37.26 1.10 0.04	42.33 1.27 0.44	56.49 1.92 1.06	54.74 2.20 0.95	48.43 2.48 0.69	34.65 1.76 0.05	33.27 1.72 0.00	30.59 1.70 0.00	32.20 1.91 0.02	32.18 1.66 0.02	29.41 1.56 0.00	23.12 0.88 0.00	21.55 0.94 0.00
GOODYEAR_LAKE_HYD 323669	33.34 1.54 0.00	32.10 1.45 0.00	29.76 1.29 0.00	31.46 1.39 0.00	30.73 1.40 0.00	27.90 1.32 0.00	31.44 1.53 0.00	27.67 1.40 0.00	33.29 1.69 0.00	34.65 1.83 0.00	35.93 1.89 0.00	38.23 2.04 0.00	43.93 2.44 0.00	58.85 3.23 0.00	56.64 3.15 0.00	49.68 3.04 0.00	35.06 2.12 0.00	33.63 2.08 0.00	30.84 1.96 0.00	32.27 1.95 0.00	32.36 1.83 0.00	29.46 1.61 0.00	23.42 1.17 0.00	21.61 1.00 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	32.38 0.57 0.00	31.29 0.64 0.00	28.94 0.48 0.00	30.66 0.59 0.00	29.77 0.44 0.00	27.05 0.46 0.00	30.63 0.71 0.00	26.86 0.59 0.00	32.36 0.77 0.00	33.67 0.85 0.00	34.76 0.72 0.00	37.14 0.90 -0.04	43.09 1.08 -0.52	58.33 1.45 -1.25	56.23 1.62 -1.12	49.13 1.68 -0.82	34.13 1.14 -0.06	32.61 1.06 0.00	29.93 1.04 0.00	31.35 1.01 -0.03	31.36 0.80 -0.03	28.65 0.80 0.00	22.71 0.46 0.00	21.02 0.41 0.00
GOUDEY___7 23579	32.41 0.61 0.00	31.31 0.67 0.00	28.97 0.50 0.00	30.69 0.62 0.00	29.80 0.47 0.00	27.07 0.49 0.00	30.65 0.74 0.00	26.88 0.61 0.00	32.39 0.80 0.00	33.71 0.89 0.00	34.79 0.76 0.00	37.18 0.94 -0.04	43.14 1.12 -0.52	58.41 1.53 -1.25	56.31 1.70 -1.12	49.20 1.74 -0.82	34.17 1.17 -0.06	32.66 1.11 0.00	29.96 1.08 0.00	31.39 1.05 -0.03	31.40 0.83 -0.03	28.68 0.83 0.00	22.73 0.49 0.00	21.04 0.43 0.00
GOUDEY___8 23580	32.38 0.57 0.00	31.29 0.64 0.00	28.94 0.48 0.00	30.66 0.59 0.00	29.77 0.44 0.00	27.05 0.46 0.00	30.63 0.71 0.00	26.86 0.59 0.00	32.36 0.77 0.00	33.67 0.85 0.00	34.76 0.72 0.00	37.14 0.90 -0.04	43.09 1.08 -0.52	58.33 1.45 -1.25	56.23 1.62 -1.12	49.13 1.68 -0.82	34.13 1.14 -0.06	32.61 1.06 0.00	29.93 1.04 0.00	31.35 1.01 -0.03	31.36 0.80 -0.03	28.65 0.80 0.00	22.71 0.46 0.00	21.02 0.41 0.00
GOWANUS_GT1_1 24077	33.89 2.08 0.00	32.41 1.76 0.00	30.08 1.62 0.00	31.57 1.50 0.00	30.78 1.45 0.00	28.12 1.54 0.00	31.88 1.77 -0.20	28.06 1.79 0.00	36.20 2.04 -2.57	59.17 2.23 -24.12	36.74 2.40 -0.30	38.88 2.64 -0.05	44.58 3.08 0.00	59.78 4.15 0.00	57.94 4.29 -0.15	99.22 4.02 -48.57	35.66 2.72 0.00	33.96 2.41 0.00	31.26 2.38 0.00	32.46 2.14 0.00	32.33 1.80 0.00	29.65 1.80 0.00	23.80 1.56 0.00	22.45 1.31 -0.54
GOWANUS_GT1_2 24078	33.89 2.08 0.00	32.41 1.76 0.00	30.08 1.62 0.00	31.57 1.50 0.00	30.78 1.45 0.00	28.12 1.54 0.00	31.88 1.77 -0.20	28.06 1.79 0.00	36.20 2.04 -2.57	59.17 2.23 -24.12	36.74 2.40 -0.30	38.88 2.64 -0.05	44.58 3.08 0.00	59.78 4.15 0.00	57.94 4.29 -0.15	99.22 4.02 -48.57	35.66 2.72 0.00	33.96 2.41 0.00	31.26 2.38 0.00	32.46 2.14 0.00	32.33 1.80 0.00	29.65 1.80 0.00	23.80 1.56 0.00	22.45 1.31 -0.54

GOWANUS_GT1_3 24079	33.89 2.08 0.00	32.41 1.76 0.00	30.08 1.62 0.00	31.57 1.50 0.00	30.78 1.45 0.00	28.12 1.54 0.00	31.88 1.77 -0.20	28.06 1.79 0.00	36.20 2.04 -2.57	59.17 2.23 -24.12	36.74 2.40 -0.30	38.88 2.64 -0.05	44.58 3.08 0.00	59.78 4.15 0.00	57.94 4.29 -0.15	99.22 4.02 -48.57	35.66 2.72 0.00	33.96 2.41 0.00	31.26 2.38 0.00	32.46 2.14 0.00	32.33 1.80 0.00	29.65 1.80 0.00	23.80 1.56 0.00	22.45 1.31 -0.54
GOWANUS_GT1_4 24080	33.89 2.08 0.00	32.41 1.76 0.00	30.08 1.62 0.00	31.57 1.50 0.00	30.78 1.45 0.00	28.12 1.54 0.00	31.88 1.77 -0.20	28.06 1.79 0.00	36.20 2.04 -2.57	59.17 2.23 -24.12	36.74 2.40 -0.30	38.88 2.64 -0.05	44.58 3.08 0.00	59.78 4.15 0.00	57.94 4.29 -0.15	99.22 4.02 -48.57	35.66 2.72 0.00	33.96 2.41 0.00	31.26 2.38 0.00	32.46 2.14 0.00	32.33 1.80 0.00	29.65 1.80 0.00	23.80 1.56 0.00	22.45 1.31 -0.54
GOWANUS_GT1_5 24084	33.89 2.08 0.00	32.41 1.76 0.00	30.08 1.62 0.00	31.57 1.50 0.00	30.78 1.45 0.00	28.12 1.54 0.00	31.88 1.77 -0.20	28.06 1.79 0.00	36.20 2.04 -2.57	59.17 2.23 -24.12	36.74 2.40 -0.30	38.88 2.64 -0.05	44.58 3.08 0.00	59.78 4.15 0.00	57.94 4.29 -0.15	99.22 4.02 -48.57	35.66 2.72 0.00	33.96 2.41 0.00	31.26 2.38 0.00	32.46 2.14 0.00	32.33 1.80 0.00	29.65 1.80 0.00	23.80 1.56 0.00	22.45 1.31 -0.54
GOWANUS_GT1_6 24111	33.89 2.08 0.00	32.41 1.76 0.00	30.08 1.62 0.00	31.57 1.50 0.00	30.78 1.45 0.00	28.12 1.54 0.00	31.88 1.77 -0.20	28.06 1.79 0.00	36.20 2.04 -2.57	59.17 2.23 -24.12	36.74 2.40 -0.30	38.88 2.64 -0.05	44.58 3.08 0.00	59.78 4.15 0.00	57.94 4.29 -0.15	99.22 4.02 -48.57	35.66 2.72 0.00	33.96 2.41 0.00	31.26 2.38 0.00	32.46 2.14 0.00	32.33 1.80 0.00	29.65 1.80 0.00	23.80 1.56 0.00	22.45 1.31 -0.54
GOWANUS_GT1_7 24112	33.89 2.08 0.00	32.41 1.76 0.00	30.08 1.62 0.00	31.57 1.50 0.00	30.78 1.45 0.00	28.12 1.54 0.00	31.88 1.77 -0.20	28.06 1.79 0.00	36.20 2.04 -2.57	59.17 2.23 -24.12	36.74 2.40 -0.30	38.88 2.64 -0.05	44.58 3.08 0.00	59.78 4.15 0.00	57.94 4.29 -0.15	99.22 4.02 -48.57	35.66 2.72 0.00	33.96 2.41 0.00	31.26 2.38 0.00	32.46 2.14 0.00	32.33 1.80 0.00	29.65 1.80 0.00	23.80 1.56 0.00	22.45 1.31 -0.54
GOWANUS_GT1_8 24113	33.89 2.08 0.00	32.41 1.76 0.00	30.08 1.62 0.00	31.57 1.50 0.00	30.78 1.45 0.00	28.12 1.54 0.00	31.88 1.77 -0.20	28.06 1.79 0.00	36.20 2.04 -2.57	59.17 2.23 -24.12	36.74 2.40 -0.30	38.88 2.64 -0.05	44.58 3.08 0.00	59.78 4.15 0.00	57.94 4.29 -0.15	99.22 4.02 -48.57	35.66 2.72 0.00	33.96 2.41 0.00	31.26 2.38 0.00	32.46 2.14 0.00	32.33 1.80 0.00	29.65 1.80 0.00	23.80 1.56 0.00	22.45 1.31 -0.54
GOWANUS_GT2_1 24114	33.89 2.08 0.00	32.41 1.76 0.00	30.08 1.62 0.00	31.57 1.50 0.00	30.77 1.44 0.00	28.12 1.54 0.00	31.87 1.76 -0.20	28.06 1.80 0.00	36.21 2.04 -2.57	59.17 2.22 -24.12	36.73 2.40 -0.30	38.88 2.64 -0.05	44.59 3.09 0.00	59.78 4.15 0.00	57.93 4.28 -0.15	99.23 4.02 -48.57	35.66 2.72 0.00	33.95 2.40 0.00	31.26 2.38 0.00	32.44 2.12 0.00	32.33 1.79 0.00	29.65 1.80 0.00	23.80 1.56 0.00	22.45 1.31 -0.54
GOWANUS_GT2_2 24115	33.89 2.08 0.00	32.41 1.76 0.00	30.08 1.62 0.00	31.57 1.50 0.00	30.77 1.44 0.00	28.12 1.54 0.00	31.87 1.76																	

GOWANUS_GT3_2 24123	33.89 2.08 0.00	32.41 1.76 0.00	30.08 1.62 0.00	31.57 1.50 0.00	30.77 1.44 0.00	28.12 1.54 0.00	31.87 1.76 -0.20	28.06 1.80 0.00	36.21 2.04 -2.57	59.17 2.22 -24.12	36.74 2.40 -0.30	38.88 2.64 -0.05	44.59 3.09 0.00	59.78 4.15 0.00	57.93 4.28 -0.15	99.23 4.02 -48.57	35.66 2.72 0.00	33.95 2.40 0.00	31.26 2.38 0.00	32.44 2.12 0.00	32.33 1.79 0.00	29.65 1.80 0.00	23.80 1.56 0.00	22.45 1.31 -0.54
GOWANUS_GT3_3 24124	33.89 2.08 0.00	32.41 1.76 0.00	30.08 1.62 0.00	31.57 1.50 0.00	30.77 1.44 0.00	28.12 1.54 0.00	31.87 1.76 -0.20	28.06 1.80 0.00	36.21 2.04 -2.57	59.17 2.22 -24.12	36.74 2.40 -0.30	38.88 2.64 -0.05	44.59 3.09 0.00	59.78 4.15 0.00	57.93 4.28 -0.15	99.23 4.02 -48.57	35.66 2.72 0.00	33.95 2.40 0.00	31.26 2.38 0.00	32.44 2.12 0.00	32.33 1.79 0.00	29.65 1.80 0.00	23.80 1.56 0.00	22.45 1.31 -0.54
GOWANUS_GT3_4 24125	33.89 2.08 0.00	32.41 1.76 0.00	30.08 1.62 0.00	31.57 1.50 0.00	30.77 1.44 0.00	28.12 1.54 0.00	31.87 1.76 -0.20	28.06 1.80 0.00	36.21 2.04 -2.57	59.17 2.22 -24.12	36.74 2.40 -0.30	38.88 2.64 -0.05	44.59 3.09 0.00	59.78 4.15 0.00	57.93 4.28 -0.15	99.23 4.02 -48.57	35.66 2.72 0.00	33.95 2.40 0.00	31.26 2.38 0.00	32.44 2.12 0.00	32.33 1.79 0.00	29.65 1.80 0.00	23.80 1.56 0.00	22.45 1.31 -0.54
GOWANUS_GT3_5 24126	33.89 2.08 0.00	32.41 1.76 0.00	30.08 1.62 0.00	31.57 1.50 0.00	30.77 1.44 0.00	28.12 1.54 0.00	31.87 1.76 -0.20	28.06 1.80 0.00	36.21 2.04 -2.57	59.17 2.22 -24.12	36.74 2.40 -0.30	38.88 2.64 -0.05	44.59 3.09 0.00	59.78 4.15 0.00	57.93 4.28 -0.15	99.23 4.02 -48.57	35.66 2.72 0.00	33.95 2.40 0.00	31.26 2.38 0.00	32.44 2.12 0.00	32.33 1.79 0.00	29.65 1.80 0.00	23.80 1.56 0.00	22.45 1.31 -0.54
GOWANUS_GT3_6 24127	33.89 2.08 0.00	32.41 1.76 0.00	30.08 1.62 0.00	31.57 1.50 0.00	30.77 1.44 0.00	28.12 1.54 0.00	31.87 1.76 -0.20	28.06 1.80 0.00	36.21 2.04 -2.57	59.17 2.22 -24.12	36.74 2.40 -0.30	38.88 2.64 -0.05	44.59 3.09 0.00	59.78 4.15 0.00	57.93 4.28 -0.15	99.23 4.02 -48.57	35.66 2.72 0.00	33.95 2.40 0.00	31.26 2.38 0.00	32.44 2.12 0.00	32.33 1.79 0.00	29.65 1.80 0.00	23.80 1.56 0.00	22.45 1.31 -0.54
GOWANUS_GT3_7 24128	33.89 2.08 0.00	32.41 1.76 0.00	30.08 1.62 0.00	31.57 1.50 0.00	30.77 1.44 0.00	28.12 1.54 0.00	31.87 1.76 -0.20	28.06 1.80 0.00	36.21 2.04 -2.57	59.17 2.22 -24.12	36.74 2.40 -0.30	38.88 2.64 -0.05	44.59 3.09 0.00	59.78 4.15 0.00	57.93 4.28 -0.15	99.23 4.02 -48.57	35.66 2.72 0.00	33.95 2.40 0.00	31.26 2.38 0.00	32.44 2.12 0.00	32.33 1.79 0.00	29.65 1.80 0.00	23.80 1.56 0.00	22.45 1.31 -0.54
GOWANUS_GT3_8 24129	33.89 2.08 0.00	32.41 1.76 0.00	30.08 1.62 0.00	31.57 1.50 0.00	30.77 1.44 0.00	28.12 1.54 0.00	31.87 1.76 -0.20	28.06 1.80 0.00	36.21 2.04 -2.57	59.17 2.22 -24.12	36.74 2.40 -0.30	38.88 2.64 -0.05	44.59 3.09 0.00	59.78 4.15 0.00	57.93 4.28 -0.15	99.23 4.02 -48.57	35.66 2.72 0.00	33.95 2.40 0.00	31.26 2.38 0.00	32.44 2.12 0.00	32.33 1.79 0.00	29.65 1.80 0.00	23.80 1.56 0.00	22.45 1.31 -0.54
GOWANUS_GT4_1 24130	33.89 2.08 0.00	32.41 1.76 0.00	30.08 1.62 0.00	31.57 1.50 0.00	30.78 1.45 0.00	28.12 1.54 0.00	31.88 1.77																	

GREENBSH_115KV_TB3 55895	32.40 0.60 0.00	31.10 0.46 0.00	28.98 0.51 0.00	30.58 0.51 0.00	29.78 0.45 0.00	27.04 0.46 0.00	30.09 0.40 0.21	26.56 0.29 0.00	32.05 0.30 -0.16	37.49 0.32 -4.35	34.07 0.36 0.32	36.55 0.40 0.05	42.05 0.55 0.00	56.53 0.90 0.00	54.41 0.87 -0.04	61.46 1.11 -13.71	33.78 0.84 0.00	32.21 0.65 0.00	29.49 0.60 0.00	30.83 0.50 0.00	30.82 0.28 0.00	28.03 0.18 0.00	22.46 0.22 0.00	20.99 0.26 -0.12
GREENDGE_115KV_TB5 80291	32.52 0.71 0.00	31.55 0.91 0.00	29.17 0.70 0.00	30.85 0.78 0.00	30.08 0.75 0.00	27.33 0.75 0.00	31.03 1.12 0.00	27.25 0.98 0.00	32.65 1.06 0.00	33.97 1.15 0.00	35.00 0.96 0.00	37.34 1.15 0.00	42.80 1.31 0.00	57.46 1.83 0.00	55.59 2.10 0.00	48.75 2.11 0.00	34.43 1.49 0.00	33.05 1.50 0.00	30.38 1.50 0.00	31.87 1.55 0.00	31.83 1.29 0.00	29.09 1.24 0.00	23.04 0.80 0.00	21.36 0.75 0.00
GREENIDGE___3 23582	32.52 0.71 0.00	31.55 0.91 0.00	29.17 0.70 0.00	30.85 0.78 0.00	30.08 0.75 0.00	27.33 0.75 0.00	31.03 1.12 0.00	27.25 0.98 0.00	32.65 1.06 0.00	33.97 1.15 0.00	35.00 0.96 0.00	37.34 1.15 0.00	42.80 1.31 0.00	57.46 1.83 0.00	55.59 2.10 0.00	48.75 2.11 0.00	34.43 1.49 0.00	33.05 1.50 0.00	30.38 1.50 0.00	31.87 1.55 0.00	31.83 1.29 0.00	29.09 1.24 0.00	23.04 0.80 0.00	21.36 0.75 0.00
GREENIDGE___4 23583	32.52 0.72 0.00	31.56 0.91 0.00	29.17 0.70 0.00	30.85 0.78 0.00	30.08 0.75 0.00	27.33 0.75 0.00	31.03 1.12 0.00	27.25 0.98 0.00	32.65 1.06 0.00	33.97 1.15 0.00	35.00 0.96 0.00	37.35 1.16 0.00	42.78 1.28 0.00	57.46 1.84 0.00	55.60 2.11 0.00	48.74 2.10 0.00	34.43 1.49 0.00	33.06 1.51 0.00	30.38 1.50 0.00	31.88 1.56 0.00	31.83 1.30 0.00	29.09 1.24 0.00	23.04 0.80 0.00	21.36 0.75 0.00
GREENLWN_69_KV_BK 3 55738	34.83 2.33 -0.69	32.59 1.95 0.00	30.23 1.76 0.00	31.70 1.62 0.00	30.82 1.49 0.00	28.14 1.56 0.00	31.89 1.78 -0.20	27.98 1.71 0.00	36.28 2.13 -2.56	58.97 2.22 -23.94	36.30 1.97 -0.30	38.37 2.13 -0.05	44.04 2.55 0.00	59.06 3.43 0.00	57.15 3.62 -0.03	98.79 3.91 -48.24	33.29 2.96 2.62	32.16 2.52 1.91	31.06 2.18 0.00	31.93 1.61 0.00	31.77 1.23 0.00	29.11 1.26 0.00	23.27 1.02 0.00	22.22 1.08 -0.53
GREENWD_138_KV_38B11_REV_LBMP_J 345004	33.89 2.08 0.00	32.41 1.76 0.00	30.08 1.62 0.00	31.57 1.50 0.00	30.78 1.45 0.00	28.12 1.54 0.00	31.88 1.77 -0.20	28.06 1.79 0.00	36.20 2.04 -2.57	59.17 2.23 -24.12	36.74 2.40 -0.30	38.88 2.64 -0.05	44.58 3.08 0.00	59.78 4.15 0.00	57.94 4.29 -0.15	99.22 4.02 -48.57	35.66 2.72 0.00	33.96 2.41 0.00	31.26 2.38 0.00	32.46 2.14 0.00	32.33 1.80 0.00	29.65 1.80 0.00	23.80 1.56 0.00	22.45 1.30 -0.54
GRISSOM___SOLAR 323813	35.31 3.50 0.00	33.96 3.32 0.00	31.37 2.90 0.00	33.10 3.03 0.00	32.43 3.10 0.00	29.52 2.93 0.00	33.15 3.40 0.16	29.26 2.99 0.00	34.60 2.87 -0.13	39.12 2.91 -3.39	37.04 3.24 0.24	39.19 3.04 0.04	45.63 4.13 0.00	61.31 5.69 0.00	59.63 6.10 -0.03	61.92 5.69 -9.60	36.73 3.78 0.00	34.81 3.27 0.00	32.53 3.64 0.00	34.29 3.97 0.00	34.50 3.96 0.00	31.16 3.32 0.00	24.64 2.40 0.00	22.94 2.23 -0.09
GROVEVILLE___HYD 323602	33.71 1.90 0.00	32.28 1.63 0.00	29.97 1.51 0.00	31.56 1.49 0.00	30.73 1.40 0.00	28.01 1.43 0.00	31.69 1.62 -0.15	27.85 1.59 0.00	33.68 1.84 -0.25	35.51 2.01 -0.69	36.49 2.22 -0.23	38.73 2.50 -0.04	44.58 3.08 0.00	59.92 4.29 0.00	57.93 4.39 -0.04	62.24 4.20 -11.40	35.77 2.82 0.00	34.04 2.49 0.00	31.19 2.31 0.00	32.42 2.10 0.00	32.34 1.80 0.00	29.50 1.65 0.00	23.61 1.37 0.00	21.77 1.16 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	31.81 0.00 0.00	30.75 0.10 0.00	28.52 0.05 0.00	30.14 0.07 0.00	29.36 0.03 0.00	26.60 0.02 0.00	30.00 0.09 0.00	26.32 0.05 0.00	31.65 0.06 0.00	32.92 0.10 0.00	34.08 0.04 0.00	36.50 0.17 -0.13	43.40 0.26 -1.64	60.02 0.43 -3.97	57.60 0.55 -3.56	49.94 0.71 -2.59	33.57 0.46 -0.17	32.02 0.47 0.00	29.41 0.52 0.00	30.86 0.46 -0.08	30.93 0.31 -0.08	28.14 0.29 0.00	22.29 0.06 0.00	20.65 0.04 0.00
HAMLTNNY_34_KV_TB 80303	31.98 0.18 0.00	30.92 0.28 0.00	28.66 0.20 0.00	30.30 0.23 0.00	29.50 0.17 0.00	26.75 0.16 0.00	30.20 0.29 0.00	26.49 0.23 0.00	31.88 0.29 0.00	33.17 0.36 0.00	34.26 0.22 0.00	36.72 0.39 -0.14	43.70 0.51 -1.70	60.46 0.73 -4.11	58.04 0.86 -3.69	50.40 1.08 -2.68	33.82 0.70 -0.18	32.27 0.72 0.00	29.64 0.76 0.00	31.11 0.70 -0.09	31.17 0.55 -0.09	28.36 0.50 0.00	22.44 0.20 0.00	20.80 0.19 0.00
HAMPSHIRE___PAPER_HYD 323593	31.40 -0.41 0.00	30.18 -0.47 0.00	27.76 -0.71 0.00	29.46 -0.62 0.00	29.07 -0.26 0.00	26.53 -0.05 0.00	29.99 0.08 0.00	26.41 0.14 0.00	31.75 0.16 0.00	32.89 0.08 0.00	34.17 0.13 0.00	36.31 0.06 -0.06	42.19 0.02 -0.67	57.14 0.01 -1.50	54.79 -0.04 -1.34	47.12 -0.49 -0.97	32.73 -0.28 -0.07	31.45 -0.10 0.00	28.66 -0.23 0.00	30.57 0.22 -0.03	30.92 0.36 -0.03	27.93 0.08 0.00	22.08 -0.16 0.00	20.38 -0.23 0.00
HARDSCRABBLE_WT_PWR 323673	31.76 -0.04 0.00	30.48 -0.17 0.00	28.38 -0.09 0.00	30.03 -0.04 0.00	29.17 -0.16 0.00	26.57 -0.02 0.00	29.84 -0.07 0.00	26.13 -0.14 0.00	31.30 -0.29 0.00	32.49 -0.32 0.00	33.86 -0.18 0.00	36.20 0.01 0.00	41.87 0.38 0.00	56.21 0.58 0.00	54.09 0.60 0.00	47.13 0.50 0.00	33.37 0.42 0.00	31.78 0.23 0.00	29.23 0.35 0.00	30.57 0.25 0.00	30.60 0.06 0.00	27.93 0.08 0.00	22.27 0.03 0.00	20.59 -0.02 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	33.38 1.57 0.00	31.94 1.30 0.00	29.66 1.19 0.00	31.22 1.15 0.00	30.41 1.08 0.00	27.73 1.14 0.00	31.41 1.33 -0.17	27.58 1.31 0.00	31.18 1.54 1.95	12.23 1.71 22.29	36.25 1.96 -0.25	38.51 2.27 -0.04	44.31 2.82 0.00	59.56 3.94 0.00	57.37 4.01 0.14	6.71 3.76 43.69	35.43 2.49 0.00	33.73 2.18 0.00	30.94 2.06 0.00	32.18 1.86 0.00	32.07 1.54 0.00	29.28 1.43 0.00	23.42 1.18 0.00	21.05 0.97 0.53
HARSNRAD_115KV_TB1 81005	32.80 0.99 0.00	32.06 1.42 0.00	29.29 0.83 0.00	30.92 0.84 0.00	30.42 1.08 0.00	27.34 0.75 0.00	31.10 1.19 0.00	26.89 0.62 0.00	32.46 0.87 0.00	33.74 0.92 0.00	34.45 0.41 0.00	36.46 0.29 0.03	41.29 0.14 0.35	55.11 0.32 0.84	53.47 0.72 0.75	47.37 1.28 0.55	33.85 0.94 0.04	32.54 0.99 0.00	30.07 1.19 0.00	31.66 1.36 0.02	31.57 1.05 0.02	28.94 1.09 0.00	22.63 0.39 0.00	21.37 0.76 0.00
HARZA MOOSE___RIVER 24016	32.20 0.39 0.00	30.95 0.30 0.00	28.47 0.01 0.00	30.20 0.12 0.00	29.77 0.44 0.00	27.31 0.73 0.00	30.81 0.89 0.00	27.09 0.82 0.00	32.59 0.99 0.00	33.85 1.04 0.00	35.17 1.13 0.00	37.45 1.23 -0.04	43.53 1.60 -0.43	58.98 2.01 -1.35	56.63 1.92 -1.22	49.01 1.48 -0.89	34.13 1.13 -0.06	32.74 1.19 0.00	30.05 1.17 0.00	31.65 1.30 -0.03	31.81 1.25 -0.03	28.67 0.82 0.00	22.60 0.36 0.00	20.84 0.23 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	31.64 -0.17 0.00	30.60 -0.05 0.00	28.37 -0.10 0.00	29.99 -0.09 0.00	29.19 -0.14 0.00	26.43 -0.16 0.00	29.79 -0.12 0.00	26.11 -0.16 0.00	31.40 -0.20 0.00	32.66 -0.16 0.00	33.81 -0.23 0.00	36.10 -0.16 -0.06	42.11 -0.12 -0.74	57.35 -0.07 -1.79	55.16 0.06 -1.61	48.11 0.30 -1.17	33.22 0.20 -0.08	31.76 0.20 0.00	29.16 0.27 0.00	30.57 0.21 -0.04	30.62 0.04 -0.04	27.90 0.05 0.00	22.13 -0.11 0.00	20.52 -0.09 0.00
HELLGATE_13_KV_LD 55870	33.72 1.91 0.00	32.25 1.60 0.00	29.93 1.47 0.00	31.46 1.39 0.00	30.65 1.32 0.00	28.01 1.43 0.00	31.76 1.65 -0.20	27.96 1.69 0.00	36.10 1.94 -2.57	59.03 2.22 -24.12	36.55 2.22 -0.30	38.66 2.42 -0.05	44.37 2.88 0.00	59.51 3.88 0.00	57.66 4.01 -0.15	99.12 3.91 -48.57	35.58 2.63 0.00	33.86 2.31 0.00	31.13 2.24 0.00	32.30 1.98 0.00	32.20 1.66 0.00	29.48 1.63 0.00	23.67 1.43 0.00	22.32 1.18 -0.54
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	33.72 1.91 0.00	32.25 1.60 0.00	29.93 1.47 0.00	31.46 1.39 0.00	30.65 1.32 0.00	28.01 1.43 0.00	31.76 1.65 -0.20	27.96 1.69 0.00	36.10 1.94 -2.57	59.03 2.22 -24.12	36.55 2.22 -0.30	38.66 2.42 -0.05	44.37 2.88 0.00	59.51 3.88 0.00	57.66 4.01 -0.15	99.12 3.91 -48.57	35.58 2.63 0.00	33.86 2.31 0.00	31.13 2.24 0.00	32.30 1.98 0.00	32.20 1.66 0.00	29.48 1.63 0.00	23.67 1.43 0.00	22.32 1.18 -0.54
HEMPSTEAD____ 23647	34.77 2.27 -0.69	32.56 1.91 0.00	30.19 1.73 0.00	31.69 1.61 0.00	30.81 1.48 0.00	28.14 1.56 0.00	31.87 1.76 -0.20	27.97 1.70 0.00	36.18 2.04 -2.56	58.96 2.20 -23.94	36.67 2.33 -0.30	38.78 2.54 -0.05	44.50 3.00 0.00	59.66 4.03 0.00	57.82 4.17 -0.15	99.68 4.30 -48.74	37.01 3.04 -1.03	34.13 2.58 0.00	31.22 2.34 0.00	32.21 1.89 0.00	32.08 1.54 0.00	29.37 1.52 0.00	23.49 1.25 0.00	22.33 1.19 -0.53
HEWLETT__69_KV_BK3 55828	35.18 2.69 -0.69	32.95 2.30 0.00	30.54 2.07 0.00	32.04 1.97 0.00	31.16 1.83 0.00	28.46 1.87 0.00	32.19 2.08 -0.20	28.24 1.98 0.00	36.49 2.34 -2.56	59.29 2.54 -23.94	36.96 2.62 -0.30	39.16 2.92 -0.05	45.00 3.51 0.00	60.30 4.67 0.00	58.44 4.79 -0.15	100.19 4.82 -48.74	37.22 3.25 -1.03	34.43 2.89 0.00	31.48 2.60 0.00	32.48 2.16 0.00	32.35 1.81 0.00	29.69 1.84 0.00	23.79 1.55 0.00	22.57 1.42 -0.53
HICKLING___1 23621	32.94 1.13 0.00	31.93 1.29 0.00	29.39 0.92 0.00	31.20 1.12 0.00	30.24 0.91 0.00	27.52 0.93 0.00	31.39 1.48 0.00	27.50 1.23 0.00	33.21 1.62 0.00	34.83 2.02 0.00	35.77 1.73 0.00	38.19 1.97 -0.03	43.97 2.16 -0.32	59.40 3.00 -0.78	57.42 3.23 -0.70	50.28 3.14 -0.51	35.22 2.24 -0.03	33.68 2.12 0.00	30.96 2.08 0.00	32.50 2.16 -0.02	32.39 1.84 -0.02	29.66 1.81 0.00	23.37 1.13 0.00	21.63 1.03 0.00
HICKLING___2 23622	32.94 1.13 0.00	31.93 1.29 0.00	29.39 0.92 0.00	31.20 1.12 0.00	30.24 0.91 0.00	27.52 0.93 0.00	31.39 1.48 0.00	27.50 1.23 0.00	33.21 1.62 0.00	34.83 2.02 0.00	35.77 1.73 0.00	38.19 1.97 -0.03	43.97 2.16 -0.32	59.40 3.00 -0.78	57.42 3.23 -0.70	50.28 3.14 -0.51	35.22 2.24 -0.03	33.68 2.12 0.00	30.96 2.08 0.00	32.50 2.16 -0.02	32.39 1.84 -0.02	29.66 1.81 0.00	23.37 1.13 0.00	21.63 1.03 0.00
HIGH FALLS___HY 23754	33.51 1.70 0.00	32.06 1.41 0.00	29.76 1.29 0.00	31.32 1.25 0.00	30.50 1.17 0.00	27.81 1.22 0.00	31.40 1.41 -0.08	27.71 1.44 0.00	33.42 1.69 -0.14	35.07 1.88 -0.37	36.32 2.16 -0.12	38.67 2.46 -0.02	44.53 3.04 0.00	59.53 3.90 0.00	57.82 4.33 0.00	50.54 3.90 0.00	35.48 2.54 0.00	33.77 2.23 0.00	30.94 2.06 0.00	32.14 1.82 0.00	32.09 1.55 0.00	29.48 1.63 0.00	23.56 1.32 0.00	21.69 1.08 0.00
HILLBURN___GT 23639	33.19 1.38 0.00	31.77 1.12 0.00	29.50 1.04 0.00	31.04 0.97 0.00	30.24 0.91 0.00	27.59 1.01 0.00	31.28 1.20 -0.17	27.48 1.21 0.00	30.64 1.38 2.33	8.04 1.53 26.30	36.10 1.80 -0.26	38.33 2.09 -0.04	44.12 2.63 0.00	59.19 3.56 0.00	56.97 3.62 0.15	1.34 3.45 -48.74	35.23 2.29 0.00	33.55 2.01 0.00	30.80 1.92 0.00	31.99 1.67 0.00	31.88 1.34 0.00	29.12 1.27 0.00	23.32 1.08 0.00	20.86 0.87 0.62
HILLSIDE_115KV_TB1 80332	32.19 0.38 0.00	31.18 0.53 0.00	28.73 0.26 0.00	30.51 0.44 0.00	29.48 0.15 0.00	26.86 0.28 0.00	30.63 0.72 0.00	26.85 0.59 0.00	32.39 0.80 0.00	33.69 0.87 0.00	34.65 0.61 0.00	37.10 0.88 -0.03	42.85 0.99 -0.36	57.91 1.40 -0.88	55.98 1.70 -0.79	48.91 1.70 -0.57	34.08 1.10 -0.04	32.55 1.00 0.00	29.88 0.99 0.00	31.31 0.97 -0.02	31.24 0.68 -0.02	28.63 0.78 0.00	22.60 0.36 0.00	20.90 0.29 0.00
HISHELDN_WT_PWR 323625	32.88 1.07 0.00	32.11 1.46 0.00	29.37 0.90 0.00	31.06 0.99 0.00	30.43 1.10 0.00	27.47 0.88 0.00	31.36 1.45 0.00	27.27 1.00 0.00	32.97 1.38 0.00	34.29 1.48 0.00	35.08 1.05 0.00	37.26 1.07 0.00	42.52 1.02 0.00	57.21 1.59 0.00	55.44 1.95 0.00	48.84 2.20 0.00	34.46 1.52 0.00	33.12 1.57 0.00	30.52 1.63 0.00	32.08 1.76 0.00	31.94 1.41 0.00	29.26 1.41 0.00	22.91 0.67 0.00	21.46 0.85 0.00
HOLTSVILLE_IC_1 23690	35.13 2.63 -0.69	32.94 2.29 0.00	30.54 2.08 0.00	31.98 1.91 0.00	31.08 1.75 0.00	28.40 1.82 0.00	32.19 2.08 -0.20	28.19 1.92 0.00	36.57 2.42 -2.56	59.30 2.55 -23.94	36.69 2.35 -0.30	38.78 2.54 -0.05	44.52 3.02 0.00	59.59 3.97 0.00	57.96 4.06 -0.40	100.73 4.33 -49.75	51.78 3.28 -15.56	42.22 2.87 -7.80	31.48 2.60 0.00	32.29 1.97 0.00	32.11 1.57 0.00	29.36 1.51 0.00	23.44 1.20 0.00	22.38 1.24 -0.53
HOLTSVILLE_IC_10 23699	35.39 2.89 -0.69	33.19 2.55 0.00	30.76 2.30 0.00	32.21 2.14 0.00	31.30 1.97 0.00	28.60 2.01 0.00	32.43 2.32 -0.20	28.41 2.14 0.00	36.86 2.71 -2.56	59.62 2.87 -23.94	36.95 2.61 -0.30	39.05 2.81 -0.05	44.83 3.33 0.00	60.06 4.43 0.00	58.45 4.50 -0.46	101.44 4.82 -49.98	53.34 3.66 -16.73	43.19 3.24 -8.40	31.79 2.90 0.00	32.58 2.26 0.00	32.37 1.83 0.00	29.58 1.73 0.00	23.61 1.37 0.00	22.53 1.39 -0.53
HOLTSVILLE_IC_2 23691	35.13 2.63 -0.69	32.94 2.29 0.00	30.54 2.08 0.00	31.98 1.91 0.00	31.08 1.75 0.00	28.40 1.82 0.00	32.19 2.08 -0.20	28.19 1.92 0.00	36.57 2.42 -2.56	59.30 2.55 -23.94	36.69 2.35 -0.30	38.78 2.54 -0.05	44.52 3.02 0.00	59.59 3.97 0.00	57.96 4.06 -0.40	100.73 4.33 -49.75	51.78 3.28 -15.56	42.22 2.87 -7.80	31.48 2.60 0.00	32.29 1.97 0.00	32.11 1.57 0.00	29.36 1.51 0.00	23.44 1.20 0.00	22.38 1.24 -0.53
HOLTSVILLE_IC_3 23692	35.13 2.63 -0.69	32.94 2.29 0.00	30.54 2.08 0.00	31.98 1.91 0.00	31.08 1.75 0.00	28.40 1.82 0.00	32.19 2.08 -0.20	28.19 1.92 0.00	36.57 2.42 -2.56	59.30 2.55 -23.94	36.69 2.35 -0.30	38.78 2.54 -0.05	44.52 3.02 0.00	59.59 3.97 0.00	57.96 4.06 -0.40	100.73 4.33 -49.75	51.78 3.28 -15.56	42.22 2.87 -7.80	31.48 2.60 0.00	32.29 1.97 0.00	32.11 1.57 0.00	29.36 1.51 0.00	23.44 1.20 0.00	22.38 1.24 -0.53

HOLTSVILLE_IC_4 23693	35.13 2.63 -0.69	32.94 2.29 0.00	30.54 2.08 0.00	31.98 1.91 0.00	31.08 1.75 0.00	28.40 1.82 0.00	32.19 2.08 -0.20	28.19 1.92 0.00	36.57 2.42 -2.56	59.30 2.55 -23.94	36.69 2.35 -0.30	38.78 2.54 -0.05	44.52 3.02 0.00	59.59 3.97 0.00	57.96 4.06 -0.40	100.73 4.33 -49.75	51.78 3.28 -15.56	42.22 2.87 -7.80	31.48 2.60 0.00	32.29 1.97 0.00	32.11 1.57 0.00	29.36 1.51 0.00	23.44 1.20 0.00	22.38 1.24 -0.53
HOLTSVILLE_IC_5 23694	35.13 2.63 -0.69	32.94 2.29 0.00	30.54 2.08 0.00	31.98 1.91 0.00	31.08 1.75 0.00	28.40 1.82 0.00	32.19 2.08 -0.20	28.19 1.92 0.00	36.57 2.42 -2.56	59.30 2.55 -23.94	36.69 2.35 -0.30	38.78 2.54 -0.05	44.52 3.02 0.00	59.59 3.97 0.00	57.96 4.06 -0.40	100.73 4.33 -49.75	51.78 3.28 -15.56	42.22 2.87 -7.80	31.48 2.60 0.00	32.29 1.97 0.00	32.11 1.57 0.00	29.36 1.51 0.00	23.44 1.20 0.00	22.38 1.24 -0.53
HOLTSVILLE_IC_6 23695	35.39 2.89 -0.69	33.19 2.55 0.00	30.76 2.30 0.00	32.21 2.14 0.00	31.30 1.97 0.00	28.60 2.01 0.00	32.43 2.32 -0.20	28.41 2.14 0.00	36.86 2.71 -2.56	59.62 2.87 -23.94	36.95 2.61 -0.30	39.05 2.81 -0.05	44.83 3.33 0.00	60.06 4.43 0.00	58.45 4.50 -0.46	101.44 4.82 -49.98	53.34 3.66 -16.73	43.19 3.24 -8.40	31.79 2.90 0.00	32.58 2.26 0.00	32.37 1.83 0.00	29.58 1.73 0.00	23.61 1.37 0.00	22.53 1.39 -0.53
HOLTSVILLE_IC_7 23696	35.39 2.89 -0.69	33.19 2.55 0.00	30.76 2.30 0.00	32.21 2.14 0.00	31.30 1.97 0.00	28.60 2.01 0.00	32.43 2.32 -0.20	28.41 2.14 0.00	36.86 2.71 -2.56	59.62 2.87 -23.94	36.95 2.61 -0.30	39.05 2.81 -0.05	44.83 3.33 0.00	60.06 4.43 0.00	58.45 4.50 -0.46	101.44 4.82 -49.98	53.34 3.66 -16.73	43.19 3.24 -8.40	31.79 2.90 0.00	32.58 2.26 0.00	32.37 1.83 0.00	29.58 1.73 0.00	23.61 1.37 0.00	22.53 1.39 -0.53
HOLTSVILLE_IC_8 23697	35.39 2.89 -0.69	33.19 2.55 0.00	30.76 2.30 0.00	32.21 2.14 0.00	31.30 1.97 0.00	28.60 2.01 0.00	32.43 2.32 -0.20	28.41 2.14 0.00	36.86 2.71 -2.56	59.62 2.87 -23.94	36.95 2.61 -0.30	39.05 2.81 -0.05	44.83 3.33 0.00	60.06 4.43 0.00	58.45 4.50 -0.46	101.44 4.82 -49.98	53.34 3.66 -16.73	43.19 3.24 -8.40	31.79 2.90 0.00	32.58 2.26 0.00	32.37 1.83 0.00	29.58 1.73 0.00	23.61 1.37 0.00	22.53 1.39 -0.53
HOLTSVILLE_IC_9 23698	35.39 2.89 -0.69	33.19 2.55 0.00	30.76 2.30 0.00	32.21 2.14 0.00	31.30 1.97 0.00	28.60 2.01 0.00	32.43 2.32 -0.20	28.41 2.14 0.00	36.86 2.71 -2.56	59.62 2.87 -23.94	36.95 2.61 -0.30	39.05 2.81 -0.05	44.83 3.33 0.00	60.06 4.43 0.00	58.45 4.50 -0.46	101.44 4.82 -49.98	53.34 3.66 -16.73	43.19 3.24 -8.40	31.79 2.90 0.00	32.58 2.26 0.00	32.37 1.83 0.00	29.58 1.73 0.00	23.61 1.37 0.00	22.53 1.39 -0.53
HOMER_HL_115KV_TB2 355744	32.79 0.98 0.00	31.91 1.27 0.00	29.32 0.85 0.00	31.03 0.96 0.00	30.29 0.96 0.00	27.42 0.84 0.00	31.47 1.55 0.00	27.43 1.16 0.00	33.25 1.66 0.00	34.56 1.74 0.00	35.04 1.01 0.00	37.16 0.97 0.00	42.31 0.81 0.00	56.65 1.02 0.00	54.94 1.45 0.00	48.39 1.75 0.00	34.14 1.20 0.00	32.78 1.22 0.00	30.20 1.32 0.00	31.62 1.29 0.00	31.50 0.96 0.00	28.89 1.04 0.00	22.90 0.66 0.00	21.44 0.83 0.00
HOWARD_WT_PWR 323690	33.23 1.42 0.00	32.29 1.64 0.00	29.59 1.13 0.00	31.38 1.30 0.00	30.61 1.28 0.00	27.76 1.18 0.00	31.72 1.81 0.00	27.69 1.42 0.00	33.38 1.79 0.00	34.76 1.95 0.00	35.65 1.62 0.00	37.94 1.75 0.00	43.33 1.83 0.00	58.28 2.65 0.00	56.39 2.90 0.00	49.44 2.80 0.00	34.93 1.99 0.00	33.61 2.06 0.00	30.68 1.80 0.00	32.39 2.07 0.00	32.37 1.84 0.00	29.68 1.83 0.00	23.37 1.13 0.00	21.71 1.10 0.00
HQ_GEN_CEDARS 23644	31.42 -0.38 0.00	30.27 -0.38 0.00	28.05 -0.41 0.00	29.67 -0.41 0.00	29.03 -0.30 0.00	26.25 -0.33 0.00	29.64 -0.27 0.00	26.09 -0.18 0.00	31.42 -0.17 0.00	32.54 -0.28 0.00	33.82 -0.22 0.00	35.85 -0.35 0.00	40.98 -0.51 0.00	54.82 -0.80 0.00	52.57 -0.93 0.00	45.03 -1.61 0.00	31.79 -1.15 0.00	30.57 -0.99 0.00	27.51 -1.37 0.00	29.71 -0.61 0.00	30.21 -0.33 0.00	27.57 -0.28 0.00	22.06 -0.18 0.00	20.46 -0.15 0.00
HQ_GEN_CEDARS_PROXY 323590	31.43 -0.38 0.00	30.27 -0.38 0.00	28.06 -0.41 0.00	29.67 -0.41 0.00	29.03 -0.30 0.00	26.26 -0.33 0.00	29.64 -0.27 0.00	26.09 -0.18 0.00	31.42 -0.17 0.00	32.54 -0.28 0.00	33.82 -0.22 0.00	35.85 -0.35 0.00	41.00 -0.50 0.00	54.82 -0.80 0.00	52.57 -0.93 0.00	45.03 -1.61 0.00	31.79 -1.15 0.00	15.27 -0.99 15.29	27.51 -1.37 0.00	29.71 -0.62 0.00	30.21 -0.33 0.00	27.57 -0.28 0.00	22.06 -0.18 0.00	20.46 -0.15 0.00
HQ_GEN_IMPORT 323601	31.52 -0.29 0.00	30.37 -0.27 0.00	27.76 -0.27 0.44	30.93 -0.28 -1.13	29.09 -0.24 0.00	26.33 -0.25 0.00	29.67 -0.24 0.00	26.08 -0.18 0.00	31.40 -0.19 0.00	32.55 -0.26 0.00	33.80 -0.24 0.00	35.84 -0.35 0.00	41.02 -0.48 0.00	54.90 -0.73 0.00	51.46 -0.82 1.21	45.02 -1.15 0.48	32.63 -0.82 -0.51	30.83 -0.71 0.00	28.14 -0.74 0.00	29.72 -0.60 0.00	30.19 -0.35 0.00	27.55 -0.30 0.00	22.07 -0.17 0.00	20.48 -0.13 0.00
HQ_GEN_WHEEL 23651	31.52 -0.29 0.00	30.37 -0.27 0.00	27.76 -0.27 0.44	30.93 -0.28 -1.13	29.09 -0.24 0.00	26.33 -0.25 0.00	29.67 -0.24 0.00	26.08 -0.18 0.00	31.40 -0.19 0.00	32.55 -0.26 0.00	33.80 -0.24 0.00	35.84 -0.35 0.00	41.02 -0.48 0.00	54.90 -0.73 0.00	51.46 -0.82 1.21	45.02 -1.15 0.48	32.63 -0.82 -0.51	30.83 -0.71 0.00	28.14 -0.74 0.00	29.72 -0.60 0.00	30.19 -0.35 0.00	27.55 -0.30 0.00	22.07 -0.17 0.00	20.48 -0.13 0.00
HUDSON_AVE_GT_3 23810	33.72 1.92 0.00	32.27 1.62 0.00	29.94 1.48 0.00	31.49 1.42 0.00	30.67 1.34 0.00	28.01 1.42 0.00	31.77 1.66 -0.20	27.97 1.70 0.00	36.13 1.96 -2.57	59.08 2.13 -24.13	36.66 2.32 -0.30	38.80 2.54 -0.07	44.55 3.05 0.00	59.80 4.17 0.00	57.91 4.26 -0.15	99.38 4.17 -48.58	35.74 2.80 0.00	34.04 2.49 0.00	31.27 2.39 0.00	32.44 2.12 0.00	32.30 1.76 0.00	29.53 1.68 0.00	23.70 1.45 0.00	22.37 1.22 -0.54
HUDSON_AVE_GT_4 23540	33.72 1.92 0.00	32.27 1.62 0.00	29.94 1.48 0.00	31.49 1.42 0.00	30.67 1.34 0.00	28.01 1.42 0.00	31.77 1.66 -0.20	27.97 1.70 0.00	36.13 1.96 -2.57	59.08 2.13 -24.13	36.66 2.32 -0.30	38.78 2.54 -0.05	44.55 3.05 0.00	59.80 4.17 0.00	57.91 4.26 -0.15	99.38 4.17 -48.58	35.74 2.80 0.00	34.04 2.49 0.00	31.27 2.39 0.00	32.44 2.12 0.00	32.30 1.76 0.00	29.53 1.68 0.00	23.70 1.45 0.00	22.37 1.22 -0.54
HUDSON_AVE_GT_5 23657	33.72 1.92 0.00	32.27 1.62 0.00	29.94 1.48 0.00	31.49 1.42 0.00	30.67 1.34 0.00	28.01 1.42 0.00	31.77 1.66 -0.20	27.97 1.70 0.00	36.13 1.96 -2.57	59.08 2.13 -24.13	36.66 2.32 -0.30	38.78 2.54 -0.05	44.55 3.05 0.00	59.80 4.17 0.00	57.91 4.26 -0.15	99.38 4.17 -48.58	35.74 2.80 0.00	34.04 2.49 0.00	31.27 2.39 0.00	32.44 2.12 0.00	32.30 1.76 0.00	29.53 1.68 0.00	23.70 1.45 0.00	22.37 1.22 -0.54

HUDSON_AVE_10 24168	33.62 1.81 0.00	32.17 1.52 0.00	29.85 1.39 0.00	31.39 1.32 0.00	30.57 1.24 0.00	27.92 1.34 0.00	31.69 1.58 -0.20	27.89 1.63 0.00	36.04 1.87 -2.57	58.98 2.04 -24.13	36.54 2.20 -0.30	38.66 2.42 -0.05	44.40 2.91 0.00	59.60 3.97 0.00	57.71 4.07 -0.15	99.23 4.01 -48.58	35.63 2.69 0.00	33.94 2.39 0.00	31.17 2.29 0.00	32.35 2.03 0.00	32.18 1.64 0.00	29.43 1.58 0.00	23.65 1.40 0.00	22.32 1.17 -0.54
HUDSON___115KV_TB 4 355613	33.15 1.34 0.00	31.82 1.18 0.00	29.63 1.17 0.00	31.28 1.21 0.00	30.46 1.13 0.00	27.68 1.09 0.00	30.91 1.16 0.15	27.19 0.93 0.00	32.84 1.05 -0.20	37.79 0.98 -4.00	34.76 0.95 0.23	37.17 1.02 0.04	42.74 1.24 0.00	57.87 2.25 0.00	55.91 2.38 -0.04	60.56 2.27 -11.66	34.59 1.65 0.00	32.99 1.44 0.00	30.21 1.32 0.00	31.62 1.30 0.00	31.64 1.10 0.00	28.72 0.87 0.00	22.97 0.73 0.00	21.43 0.71 -0.11
HUNTER MOUNT___DRP 323613	33.35 1.54 0.00	32.03 1.39 0.00	29.83 1.36 0.00	31.49 1.42 0.00	30.67 1.34 0.00	27.86 1.28 0.00	31.19 1.38 0.10	27.36 1.09 0.00	33.06 1.25 -0.22	37.46 1.10 -3.55	34.87 0.99 0.15	37.17 1.00 0.02	42.70 1.21 0.00	58.12 2.49 0.00	56.07 2.55 -0.03	57.55 2.29 -8.62	34.68 1.74 0.00	33.11 1.56 0.00	30.32 1.44 0.00	31.78 1.46 0.00	31.83 1.29 0.00	28.84 0.99 0.00	23.05 0.81 0.00	21.53 0.83 -0.09
HUNTINGTON_RES_REC 323705	35.12 2.62 -0.69	32.89 2.24 0.00	30.48 2.02 0.00	31.94 1.87 0.00	31.04 1.71 0.00	28.36 1.77 0.00	32.15 2.03 -0.20	28.20 1.93 0.00	36.57 2.43 -2.56	59.31 2.56 -23.94	36.64 2.30 -0.30	38.74 2.50 -0.05	44.49 2.99 0.00	59.58 3.95 0.00	58.71 4.06 -1.16	103.87 4.38 -52.85	76.06 3.34 -39.78	54.97 2.90 -20.51	31.42 2.52 -0.01	32.23 1.91 0.00	32.03 1.50 0.00	29.32 1.47 0.00	23.41 1.16 0.00	22.37 1.23 -0.53
HUNTLEY___63 23557	33.09 1.29 0.00	32.40 1.76 0.00	29.59 1.13 0.00	31.25 1.18 0.00	30.72 1.39 0.00	27.63 1.04 0.00	31.53 1.62 0.00	27.34 1.08 0.00	33.05 1.45 0.00	34.34 1.53 0.00	35.11 1.07 0.00	37.18 1.01 0.03	42.05 0.87 0.32	56.03 1.18 0.78	54.33 1.53 0.70	48.09 1.96 0.51	34.34 1.43 0.03	33.04 1.49 0.00	30.52 1.63 0.00	32.09 1.79 0.02	31.98 1.46 0.02	29.36 1.51 0.00	22.99 0.75 0.00	21.69 1.08 0.00
HUNTLEY___64 23558	33.09 1.29 0.00	32.40 1.76 0.00	29.59 1.13 0.00	31.25 1.18 0.00	30.72 1.39 0.00	27.63 1.04 0.00	31.53 1.62 0.00	27.34 1.08 0.00	33.05 1.45 0.00	34.34 1.53 0.00	35.11 1.07 0.00	37.18 1.01 0.03	42.05 0.87 0.32	56.03 1.18 0.78	54.33 1.53 0.70	48.09 1.96 0.51	34.34 1.43 0.03	33.04 1.49 0.00	30.52 1.63 0.00	32.09 1.79 0.02	31.98 1.46 0.02	29.36 1.51 0.00	22.99 0.75 0.00	21.69 1.08 0.00
HUNTLEY___65 23559	33.09 1.29 0.00	32.40 1.76 0.00	29.59 1.13 0.00	31.25 1.18 0.00	30.72 1.39 0.00	27.63 1.04 0.00	31.53 1.62 0.00	27.34 1.08 0.00	33.05 1.45 0.00	34.34 1.53 0.00	35.11 1.07 0.00	37.18 1.01 0.03	42.05 0.87 0.32	56.03 1.18 0.78	54.33 1.53 0.70	48.09 1.96 0.51	34.34 1.43 0.03	33.04 1.49 0.00	30.52 1.63 0.00	32.09 1.79 0.02	31.98 1.46 0.02	29.36 1.51 0.00	22.99 0.75 0.00	21.69 1.08 0.00
HUNTLEY___66 23560	33.09 1.29 0.00	32.40 1.76 0.00	29.59 1.13 0.00	31.25 1.18 0.00	30.72 1.39 0.00	27.63 1.04 0.00	31.53 1.62 0.00	27.34 1.08 0.00	33.05 1.45 0.00	34.34 1.53 0.00	35.11 1.07 0.00	37.18 1.01 0.03	42.05 0.87 0.32	56.03 1.18 0.78	54.33 1.53 0.70	48.09 1.96 0.51	34.34 1.43 0.03	33.04 1.49 0.00	30.52 1.63 0.00	32.09 1.79 0.02	31.98 1.46 0.02	29.36 1.51 0.00	22.99 0.75 0.00	21.69 1.08 0.00
HUNTLEY___67 23561	32.77 0.97 0.00	32.04 1.40 0.00	29.29 0.82 0.00	30.92 0.85 0.00	30.38 1.05 0.00	27.34 0.75 0.00	31.22 1.31 0.00	27.08 0.81 0.00	32.78 1.19 0.00	34.06 1.25 0.00	34.80 0.76 0.00	36.89 0.70 0.00	42.15 0.65 0.00	56.64 1.02 0.00	54.90 1.40 0.00	48.51 1.87 0.00	34.25 1.30 0.00	32.90 1.35 0.00	30.35 1.47 0.00	31.93 1.61 0.00	31.82 1.28 0.00	29.15 1.30 0.00	22.81 0.57 0.00	21.48 0.87 0.00
HUNTLEY___68 23562	32.77 0.97 0.00	32.04 1.40 0.00	29.29 0.82 0.00	30.92 0.85 0.00	30.38 1.05 0.00	27.34 0.75 0.00	31.22 1.31 0.00	27.08 0.81 0.00	32.78 1.19 0.00	34.06 1.25 0.00	34.80 0.76 0.00	36.89 0.70 0.00	42.15 0.65 0.00	56.64 1.02 0.00	54.90 1.40 0.00	48.51 1.87 0.00	34.25 1.30 0.00	32.90 1.35 0.00	30.35 1.47 0.00	31.93 1.61 0.00	31.82 1.28 0.00	29.15 1.30 0.00	22.81 0.57 0.00	21.48 0.87 0.00
HYLAND___LFGE 323620	34.34 2.53 0.00	33.33 2.68 0.00	30.56 2.10 0.00	32.33 2.26 0.00	31.63 2.30 0.00	28.63 2.04 0.00	32.65 2.74 0.00	28.45 2.18 0.00	34.38 2.79 0.00	35.69 2.87 0.00	35.77 1.74 0.00	37.26 1.07 0.00	42.05 0.55 0.00	56.52 0.89 0.00	54.88 1.39 0.00	48.64 2.00 0.00	34.72 1.78 0.00	33.96 2.41 0.00	30.93 2.04 0.00	32.54 2.22 0.00	32.92 2.38 0.00	30.30 2.45 0.00	24.13 1.89 0.00	22.51 1.90 0.00
INDECK___CORINTH 23802	33.15 1.34 0.00	31.80 1.15 0.00	29.53 1.07 0.00	31.21 1.13 0.00	30.36 1.03 0.00	27.58 1.00 0.00	30.76 1.08 0.23	27.20 0.93 0.00	32.79 1.09 -0.11	38.03 1.17 -4.05	34.87 1.18 0.35	37.50 1.36 0.06	42.94 1.44 0.00	57.76 2.13 0.00	55.56 2.02 -0.04	62.31 2.52 -13.14	34.84 1.89 0.00	33.17 1.62 0.00	30.63 1.75 0.00	31.92 1.60 0.00	31.89 1.36 0.00	29.03 1.18 0.00	23.17 0.94 0.00	21.58 0.85 -0.12
INDECK___ILION 23567	31.94 0.13 0.00	30.66 0.01 0.00	28.53 0.06 0.00	30.17 0.10 0.00	29.39 0.06 0.00	26.75 0.17 0.00	30.07 0.16 0.00	26.37 0.10 0.00	31.66 0.06 0.00	32.87 0.05 0.00	34.17 0.13 0.00	36.43 0.24 0.00	41.98 0.48 0.00	56.38 0.75 0.00	54.22 0.73 0.00	47.30 0.66 0.00	33.48 0.53 0.00	31.97 0.41 0.00	29.36 0.47 0.00	30.73 0.41 0.00	30.80 0.27 0.00	27.99 0.14 0.00	22.32 0.08 0.00	20.65 0.04 0.00
INDECK___OLEAN 23982	32.79 0.98 0.00	31.92 1.27 0.00	29.32 0.86 0.00	31.03 0.96 0.00	30.29 0.96 0.00	27.42 0.84 0.00	31.46 1.55 0.00	27.43 1.16 0.00	33.25 1.66 0.00	34.56 1.75 0.00	35.04 1.00 0.00	37.15 0.95 0.00	42.25 0.76 0.00	56.65 1.02 0.00	54.93 1.44 0.00	48.37 1.73 0.00	34.14 1.20 0.00	32.80 1.25 0.00	30.21 1.32 0.00	31.63 1.31 0.00	31.50 0.96 0.00	28.89 1.04 0.00	22.90 0.66 0.00	21.44 0.82 0.00
INDECK___OSWEGO 23783	31.24 -0.56 0.00	30.23 -0.42 0.00	28.03 -0.43 0.00	29.63 -0.45 0.00	28.87 -0.46 0.00	26.14 -0.45 0.00	29.41 -0.50 0.00	25.75 -0.52 0.00	30.83 -0.76 0.00	32.03 -0.79 0.00	33.15 -0.89 0.00	35.64 -0.90 -0.35	44.79 -1.02 -4.32	64.79 -1.29 -10.45	61.74 -1.14 -9.38	52.72 -0.74 -6.82	32.87 -0.52 -0.45	31.09 -0.46 0.00	28.54 -0.34 0.00	30.12 -0.43 -0.22	30.20 -0.56 -0.22	27.34 -0.51 0.00	21.69 -0.55 0.00	20.10 -0.51 0.00

INDECK___YERKES 23781	33.13 1.32 0.00	32.45 1.80 0.00	29.63 1.16 0.00	31.29 1.22 0.00	30.75 1.42 0.00	27.65 1.07 0.00	31.57 1.66 0.00	27.37 1.11 0.00	33.09 1.50 0.00	34.38 1.57 0.00	35.14 1.11 0.00	37.20 1.04 0.03	42.00 0.82 0.32	56.02 1.17 0.78	54.31 1.52 0.70	48.08 1.95 0.51	34.34 1.43 0.03	33.07 1.52 0.00	30.51 1.63 0.00	32.11 1.80 0.02	31.98 1.45 0.02	29.38 1.53 0.00	23.01 0.77 0.00	21.71 1.10 0.00
INDIAN POINT_GT_1 24139	33.36 1.56 0.00	31.93 1.29 0.00	29.67 1.20 0.00	31.21 1.14 0.00	30.40 1.07 0.00	27.74 1.15 0.00	31.44 1.34 -0.19	27.61 1.34 0.00	36.06 1.53 -2.94	62.40 1.67 -27.91	36.19 1.86 -0.29	38.32 2.08 -0.05	44.01 2.52 0.00	59.07 3.44 0.00	57.21 3.55 -0.16	137.27 3.57 -87.06	35.37 2.42 0.00	33.67 2.12 0.00	30.89 2.00 0.00	32.08 1.76 0.00	31.96 1.42 0.00	29.20 1.35 0.00	23.39 1.14 0.00	22.20 0.96 -0.62
INDIAN POINT_GT_2 23659	33.36 1.56 0.00	31.93 1.29 0.00	29.67 1.20 0.00	31.21 1.14 0.00	30.40 1.07 0.00	27.74 1.15 0.00	31.44 1.34 -0.19	27.61 1.34 0.00	36.06 1.53 -2.94	62.40 1.67 -27.91	36.19 1.86 -0.29	38.32 2.08 -0.05	44.01 2.52 0.00	59.07 3.44 0.00	57.21 3.55 -0.16	137.27 3.57 -87.06	35.37 2.42 0.00	33.67 2.12 0.00	30.89 2.00 0.00	32.08 1.76 0.00	31.96 1.42 0.00	29.20 1.35 0.00	23.39 1.14 0.00	22.20 0.96 -0.62
INDIAN POINT_GT_3 24019	33.36 1.56 0.00	31.93 1.29 0.00	29.67 1.20 0.00	31.21 1.14 0.00	30.40 1.07 0.00	27.74 1.15 0.00	31.44 1.34 -0.19	27.61 1.34 0.00	36.06 1.53 -2.94	62.40 1.67 -27.91	36.19 1.86 -0.29	38.32 2.08 -0.05	44.01 2.52 0.00	59.07 3.44 0.00	57.21 3.55 -0.16	137.27 3.57 -87.06	35.37 2.42 0.00	33.67 2.12 0.00	30.89 2.00 0.00	32.08 1.76 0.00	31.96 1.42 0.00	29.20 1.35 0.00	23.39 1.14 0.00	22.20 0.96 -0.62
INDIAN POINT___2 23530	33.30 1.49 0.00	31.88 1.23 0.00	29.62 1.15 0.00	31.17 1.09 0.00	30.36 1.03 0.00	27.70 1.12 0.00	31.40 1.30 -0.19	27.58 1.31 0.00	36.86 1.48 -3.78	71.25 1.63 -36.81	36.13 1.81 -0.28	38.28 2.04 -0.04	43.97 2.48 0.00	58.99 3.36 0.00	57.16 3.47 -0.19	93.78 3.48 -43.66	35.31 2.37 0.00	33.62 2.06 0.00	30.85 1.96 0.00	32.03 1.71 0.00	31.92 1.38 0.00	29.16 1.31 0.00	23.36 1.12 0.00	22.37 0.93 -0.83
INDIAN POINT___3 23531	33.30 1.49 0.00	31.88 1.23 0.00	29.62 1.16 0.00	31.17 1.09 0.00	30.36 1.03 0.00	27.70 1.12 0.00	31.40 1.29 -0.19	27.56 1.29 0.00	36.06 1.47 -3.00	62.99 1.60 -28.57	36.13 1.79 -0.29	38.25 2.01 -0.05	43.93 2.44 0.00	58.95 3.33 0.00	57.08 3.43 -0.17	94.97 3.44 -44.89	35.29 2.35 0.00	33.60 2.05 0.00	30.82 1.94 0.00	32.02 1.70 0.00	31.90 1.36 0.00	29.14 1.29 0.00	23.35 1.11 0.00	22.18 0.93 -0.64
INGHAM_C_115KV_TB7 356103	31.63 -0.18 0.00	30.30 -0.35 0.00	28.26 -0.20 0.00	29.91 -0.16 0.00	29.00 -0.34 0.00	26.41 -0.18 0.00	29.64 -0.27 0.00	25.93 -0.34 0.00	31.02 -0.57 0.00	32.18 -0.64 0.00	33.55 -0.49 0.00	35.88 -0.32 0.00	41.55 0.06 0.00	55.85 0.22 0.00	53.77 0.27 0.00	46.90 0.26 0.00	33.22 0.27 0.00	31.58 0.03 0.00	29.08 0.20 0.00	30.41 0.09 0.00	30.40 -0.14 0.00	27.81 -0.04 0.00	22.18 -0.06 0.00	20.50 -0.11 0.00
IP CORINTH___1 23988	33.33 1.53 0.00	31.98 1.34 0.00	29.68 1.22 0.00	31.37 1.30 0.00	30.52 1.19 0.00	27.74 1.15 0.00	30.93 1.25 0.23	27.35 1.08 0.00	32.98 1.28 -0.11	38.23 1.36 -4.05	35.07 1.38 0.35	37.72 1.58 0.06	43.17 1.68 0.00	58.09 2.47 0.00	55.88 2.34 -0.04	62.58 2.80 -13.14	35.04 2.09 0.00	33.36 1.81 0.00	30.81 1.92 0.00	32.10 1.78 0.00	32.07 1.53 0.00	29.20 1.35 0.00	23.31 1.07 0.00	21.70 0.97 -0.12
IP___TICONDEROGA 23804	34.84 3.04 0.00	33.28 2.64 0.00	30.71 2.25 0.00	32.57 2.50 0.00	31.56 2.23 0.00	28.67 2.09 0.00	32.26 2.58 0.23	28.54 2.28 0.00	34.34 2.65 -0.10	39.72 2.85 -4.05	36.79 3.11 0.36	39.76 3.62 0.06	45.92 4.43 0.00	62.05 6.42 0.00	59.42 5.88 -0.04	65.84 5.99 -13.21	37.48 4.54 0.00	35.41 3.86 0.00	32.78 3.90 0.00	34.00 3.68 0.00	33.74 3.20 0.00	30.61 2.76 0.00	24.48 2.24 0.00	22.98 2.25 -0.12
ISLIP_RES_REC 323679	35.60 3.10 -0.69	33.39 2.74 0.00	30.94 2.47 0.00	32.38 2.31 0.00	31.47 2.14 0.00	28.75 2.17 0.00	32.61 2.50 -0.20	28.59 2.32 0.00	37.11 2.96 -2.56	59.90 3.15 -23.94	37.28 2.94 -0.30	39.41 3.17 -0.05	45.27 3.78 0.00	60.67 5.05 0.00	59.03 5.10 -0.43	101.82 5.32 -49.86	52.29 4.02 -15.32	42.76 3.57 -7.64	32.05 3.17 0.00	32.83 2.51 0.00	32.61 2.07 0.00	29.79 1.93 0.00	23.76 1.52 0.00	22.66 1.52 -0.53
JAMAICA__27_KV_LOAD 355505	33.88 2.07 0.00	32.42 1.77 0.00	30.06 1.59 0.00	31.60 1.53 0.00	30.79 1.46 0.00	28.12 1.54 0.00	31.95 1.84 -0.20	28.14 1.87 0.00	36.33 2.16 -2.57	59.27 2.33 -24.13	36.77 2.44 -0.30	38.95 2.71 -0.05	44.71 3.21 0.00	60.04 4.42 0.00	58.19 4.54 -0.15	99.57 4.36 -48.58	35.89 2.95 0.00	34.20 2.65 0.00	31.43 2.54 0.00	32.65 2.33 0.00	32.44 1.91 0.00	29.68 1.83 0.00	23.89 1.64 0.00	22.55 1.40 -0.54
JANIS___SOLAR 323808	33.35 1.54 0.00	32.17 1.53 0.00	29.75 1.28 0.00	31.50 1.42 0.00	30.70 1.37 0.00	27.91 1.33 0.00	31.68 1.77 0.00	27.79 1.52 0.00	33.38 1.78 0.00	34.62 1.81 0.00	35.76 1.72 0.00	38.17 1.92 -0.06	44.60 2.41 -0.70	60.40 3.08 -1.70	58.20 3.18 -1.52	50.94 3.20 -1.11	35.25 2.24 -0.07	33.88 2.33 0.00	31.15 2.27 0.00	32.73 2.38 -0.04	32.77 2.19 -0.04	29.86 2.01 0.00	23.57 1.33 0.00	21.75 1.14 0.00
JARVIS____ 23743	32.01 0.21 0.00	30.78 0.13 0.00	28.59 0.12 0.00	30.23 0.15 0.00	29.54 0.20 0.00	26.87 0.29 0.00	30.22 0.31 0.00	26.54 0.28 0.00	31.93 0.33 0.00	33.16 0.34 0.00	34.43 0.39 0.00	36.66 0.46 0.00	42.07 0.58 0.00	56.45 0.82 0.00	54.24 0.75 0.00	47.35 0.71 0.00	33.48 0.53 0.00	32.05 0.49 0.00	29.37 0.49 0.00	30.76 0.43 0.00	30.90 0.36 0.00	27.97 0.12 0.00	22.32 0.08 0.00	20.67 0.06 0.00
JENNISON___1 23625	33.56 1.75 0.00	32.33 1.68 0.00	29.91 1.45 0.00	31.67 1.60 0.00	30.87 1.53 0.00	28.07 1.48 0.00	31.82 1.90 0.00	27.94 1.67 0.00	33.65 2.06 0.00	34.98 2.16 0.00	36.19 2.15 0.00	38.64 2.41 -0.04	44.89 2.93 -0.47	60.71 3.95 -1.14	58.49 3.98 -1.02	51.13 3.75 -0.74	35.55 2.55 -0.05	34.14 2.59 0.00	31.32 2.43 0.00	32.83 2.48 -0.02	32.79 2.23 -0.02	29.90 2.05 0.00	23.65 1.41 0.00	21.82 1.21 0.00
JENNISON___2 23626	33.56 1.75 0.00	32.33 1.68 0.00	29.91 1.45 0.00	31.67 1.60 0.00	30.87 1.53 0.00	28.07 1.48 0.00	31.82 1.90 0.00	27.94 1.67 0.00	33.65 2.06 0.00	34.98 2.16 0.00	36.19 2.15 0.00	38.64 2.41 -0.04	44.89 2.93 -0.47	60.71 3.95 -1.14	58.49 3.98 -1.02	51.13 3.75 -0.74	35.55 2.55 -0.05	34.14 2.59 0.00	31.32 2.43 0.00	32.83 2.48 -0.02	32.79 2.23 -0.02	29.90 2.05 0.00	23.65 1.41 0.00	21.82 1.21 0.00

JERICO_RISE_WT_PWR 323719	31.51 -0.30 0.00	30.19 -0.46 0.00	27.93 -0.54 0.00	29.65 -0.43 0.00	29.01 -0.32 0.00	26.30 -0.29 0.00	29.83 -0.08 0.00	26.52 0.26 0.00	32.09 0.49 0.00	33.29 0.47 0.00	34.52 0.49 0.00	36.65 0.45 0.00	41.88 0.38 0.00	55.75 0.13 0.00	53.37 -0.13 0.00	46.25 -0.39 0.00	32.90 -0.05 0.00	31.63 0.09 0.00	28.92 0.04 0.00	30.60 0.28 0.00	30.88 0.35 0.00	28.25 0.40 0.00	22.59 0.35 0.00	20.86 0.24 0.00
KATONAH__115KV_46KV_TB4 355592	33.65 1.84 0.00	32.20 1.56 0.00	29.91 1.45 0.00	31.47 1.40 0.00	30.63 1.30 0.00	27.94 1.36 0.00	31.68 1.57 -0.19	27.83 1.56 0.00	35.16 1.81 -1.75	50.46 2.00 -15.64	36.54 2.21 -0.29	38.70 2.46 -0.05	44.50 3.00 0.00	59.77 4.14 0.00	57.85 4.24 -0.12	88.57 4.15 -37.79	35.76 2.81 0.00	33.99 2.44 0.00	31.17 2.28 0.00	32.35 2.03 0.00	32.22 1.69 0.00	29.43 1.57 0.00	23.57 1.33 0.00	22.07 1.12 -0.34
KCE_NY_1 323755	33.51 1.71 0.00	32.16 1.52 0.00	29.88 1.41 0.00	31.57 1.50 0.00	30.73 1.40 0.00	27.90 1.32 0.00	31.12 1.45 0.24	27.48 1.21 0.00	33.15 1.47 -0.09	38.37 1.51 -4.05	35.27 1.60 0.36	37.97 1.84 0.06	43.64 2.15 0.00	58.75 3.12 0.00	56.46 2.93 -0.04	63.01 3.08 -13.29	35.22 2.28 0.00	33.58 2.03 0.00	30.86 1.98 0.00	32.23 1.91 0.00	32.23 1.69 0.00	29.30 1.45 0.00	23.39 1.16 0.00	21.75 1.03 -0.12
KCE_NY_6_ESR 323823	33.17 1.37 0.00	32.38 1.74 0.00	29.58 1.12 0.00	31.26 1.19 0.00	30.66 1.33 0.00	27.63 1.05 0.00	31.58 1.67 0.00	27.43 1.16 0.00	33.22 1.63 0.00	34.54 1.72 0.00	35.32 1.28 0.00	37.50 1.31 0.00	42.82 1.32 0.00	57.67 2.04 0.00	55.91 2.42 0.00	49.33 2.70 0.00	34.80 1.86 0.00	33.44 1.89 0.00	30.85 1.96 0.00	32.43 2.11 0.00	32.27 1.74 0.00	29.58 1.73 0.00	23.13 0.89 0.00	21.71 1.10 0.00
KEDC_PORT_JEFF_GT2 24210	35.25 2.75 -0.69	33.08 2.43 0.00	30.65 2.19 0.00	32.10 2.03 0.00	31.18 1.85 0.00	28.50 1.91 0.00	32.32 2.20 -0.20	28.30 2.03 0.00	36.71 2.56 -2.56	59.44 2.69 -23.94	36.84 2.50 -0.30	38.94 2.70 -0.05	44.66 3.16 0.00	59.61 3.98 0.00	57.90 3.89 -0.51	101.04 4.20 -50.20	54.91 3.23 -18.73	43.88 2.87 -9.45	31.42 2.53 0.00	32.19 1.87 0.00	31.97 1.44 0.00	29.24 1.39 0.00	23.37 1.12 0.00	22.41 1.26 -0.53
KEDC_PORT_JEFF_GT3 24211	35.25 2.75 -0.69	33.08 2.43 0.00	30.65 2.19 0.00	32.10 2.03 0.00	31.18 1.85 0.00	28.50 1.91 0.00	32.32 2.20 -0.20	28.30 2.03 0.00	36.71 2.56 -2.56	59.44 2.69 -23.94	36.84 2.50 -0.30	38.94 2.70 -0.05	44.66 3.16 0.00	59.61 3.98 0.00	57.90 3.89 -0.51	101.04 4.20 -50.20	54.91 3.23 -18.73	43.88 2.87 -9.45	31.42 2.53 0.00	32.19 1.87 0.00	31.97 1.44 0.00	29.24 1.39 0.00	23.37 1.12 0.00	22.41 1.26 -0.53
KEDC_GLWD_GT4 24219	34.75 2.25 -0.69	32.55 1.90 0.00	30.20 1.74 0.00	31.72 1.65 0.00	30.86 1.53 0.00	28.18 1.59 0.00	31.93 1.82 -0.20	28.02 1.76 0.00	36.05 1.90 -2.56	58.87 2.11 -23.94	36.84 2.50 -0.30	38.91 2.67 -0.05	44.53 3.04 0.00	59.74 4.11 0.00	57.89 4.24 -0.15	99.66 4.28 -48.74	36.92 2.95 -1.03	34.07 2.51 0.00	31.17 2.29 0.00	32.23 1.91 0.00	32.10 1.56 0.00	29.36 1.50 0.00	23.49 1.25 0.00	22.39 1.25 -0.53
KEDC_GLWD_GT5 24220	34.75 2.25 -0.69	32.55 1.90 0.00	30.20 1.74 0.00	31.72 1.65 0.00	30.86 1.53 0.00	28.18 1.59 0.00	31.93 1.82 -0.20	28.02 1.76 0.00	36.05 1.90 -2.56	58.87 2.11 -23.94	36.84 2.50 -0.30	38.91 2.67 -0.05	44.53 3.04 0.00	59.74 4.11 0.00	57.89 4.24 -0.15	99.66 4.28 -48.74	36.92 2.95 -1.03	34.07 2.51 0.00	31.17 2.29 0.00	32.23 1.91 0.00	32.10 1.56 0.00	29.36 1.50 0.00	23.49 1.25 0.00	22.39 1.25 -0.53
KENSICO____ 23655	33.49 1.68 0.00	32.05 1.41 0.00	29.77 1.30 0.00	31.32 1.25 0.00	30.50 1.17 0.00	27.83 1.25 0.00	31.54 1.43 -0.20	27.71 1.44 0.00	35.96 1.65 -2.71	60.21 1.81 -25.58	36.34 2.00 -0.30	38.46 2.22 -0.05	44.17 2.68 0.00	59.28 3.65 0.00	57.40 3.75 -0.16	100.47 3.73 -50.10	35.48 2.54 0.00	33.78 2.23 0.00	30.98 2.10 0.00	32.17 1.85 0.00	32.04 1.50 0.00	29.28 1.42 0.00	23.47 1.23 0.00	22.22 1.04 -0.57
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	33.57 1.76 0.00	32.12 1.48 0.00	29.81 1.34 0.00	31.37 1.30 0.00	30.56 1.23 0.00	27.85 1.27 0.00	31.47 1.46 -0.09	27.73 1.46 0.00	33.46 1.71 -0.16	35.15 1.90 -0.43	36.33 2.15 -0.14	38.66 2.44 -0.02	44.50 3.00 0.00	59.45 3.82 0.00	57.70 4.23 0.02	45.03 3.83 5.44	35.45 2.50 0.00	33.74 2.19 0.00	30.91 2.02 0.00	32.12 1.80 0.00	32.10 1.56 0.00	29.51 1.65 0.00	23.58 1.34 0.00	21.72 1.11 0.00
KIAC_JFK_GT1 23816	33.76 1.95 0.00	32.30 1.66 0.00	29.96 1.50 0.00	31.51 1.44 0.00	30.70 1.37 0.00	28.04 1.45 0.00	31.85 1.74 -0.20	28.05 1.78 0.00	36.22 2.05 -2.57	59.16 2.21 -24.13	36.63 2.30 -0.30	38.79 2.55 -0.05	44.53 3.03 0.00	59.79 4.17 0.00	57.93 4.28 -0.15	99.38 4.16 -48.58	35.76 2.82 0.00	34.08 2.52 0.00	31.31 2.43 0.00	32.52 2.20 0.00	32.32 1.78 0.00	29.57 1.72 0.00	23.81 1.57 0.00	22.47 1.32 -0.54
KIAC_JFK_GT2 23817	33.76 1.95 0.00	32.30 1.66 0.00	29.96 1.50 0.00	31.51 1.44 0.00	30.70 1.37 0.00	28.04 1.45 0.00	31.85 1.74 -0.20	28.05 1.78 0.00	36.22 2.05 -2.57	59.16 2.21 -24.13	36.63 2.30 -0.30	38.79 2.55 -0.05	44.53 3.03 0.00	59.79 4.17 0.00	57.93 4.28 -0.15	99.38 4.16 -48.58	35.76 2.82 0.00	34.08 2.52 0.00	31.31 2.43 0.00	32.52 2.20 0.00	32.32 1.78 0.00	29.57 1.72 0.00	23.81 1.57 0.00	22.47 1.32 -0.54
KIAC_JFK____ 323774	33.76 1.95 0.00	32.30 1.65 0.00	29.96 1.50 0.00	31.51 1.44 0.00	30.70 1.37 0.00	28.04 1.45 0.00	31.85 1.74 -0.20	28.05 1.78 0.00	36.22 2.05 -2.57	59.15 2.21 -24.13	36.64 2.30 -0.30	38.79 2.55 -0.05	44.53 3.03 0.00	59.80 4.17 0.00	57.93 4.28 -0.15	99.38 4.16 -48.58	35.76 2.82 0.00	34.07 2.52 0.00	31.31 2.42 0.00	32.52 2.19 0.00	32.32 1.78 0.00	29.56 1.71 0.00	23.81 1.56 0.00	22.47 1.33 -0.54
KINTIGH____ 23543	32.43 0.62 0.00	31.66 1.02 0.00	29.02 0.55 0.00	30.63 0.56 0.00	30.09 0.76 0.00	27.09 0.50 0.00	30.86 0.95 0.00	26.82 0.55 0.00	32.44 0.85 0.00	33.73 0.91 0.00	34.52 0.48 0.00	36.53 0.37 0.04	41.33 0.30 0.47	55.02 0.53 1.14	53.36 0.88 1.02	47.30 1.40 0.74	33.88 0.99 0.05	32.57 1.02 0.00	30.01 1.12 0.00	31.54 1.25 0.02	31.47 0.96 0.02	28.82 0.97 0.00	22.62 0.37 0.00	21.27 0.65 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	31.95 0.14 0.00	30.56 -0.09 0.00	28.24 -0.23 0.00	29.99 -0.08 0.00	29.31 -0.02 0.00	26.58 -0.01 0.00	30.17 0.25 0.00	26.86 0.59 0.00	32.45 0.86 0.00	33.73 0.91 0.00	34.89 0.85 0.00	37.11 0.92 0.00	42.48 0.99 0.00	56.61 0.98 0.00	54.23 0.74 0.00	47.03 0.39 0.00	33.48 0.54 0.00	32.17 0.62 0.00	29.47 0.58 0.00	31.16 0.84 0.00	31.44 0.90 0.00	28.70 0.86 0.00	22.94 0.71 0.00	21.20 0.59 0.00

LACHUTE____HYDRO 323717	34.84 3.04 0.00	33.28 2.64 0.00	30.71 2.25 0.00	32.57 2.50 0.00	31.56 2.23 0.00	28.67 2.09 0.00	32.25 2.58 0.23	28.54 2.28 0.00	34.34 2.65 -0.10	39.72 2.85 -4.05	36.80 3.11 0.36	39.77 3.63 0.06	45.94 4.44 0.00	62.05 6.42 0.00	59.42 5.88 -0.04	65.84 6.00 -13.21	37.48 4.54 0.00	35.40 3.85 0.00	32.78 3.90 0.00	34.00 3.68 0.00	33.74 3.20 0.00	30.61 2.76 0.00	24.48 2.24 0.00	22.98 2.25 -0.12
LAWRNCAV_115KV_TB1 80681	31.02 -0.79 0.00	29.83 -0.81 0.00	27.57 -0.89 0.00	29.21 -0.86 0.00	28.65 -0.68 0.00	25.94 -0.64 0.00	29.35 -0.56 0.00	25.86 -0.41 0.00	31.12 -0.48 0.00	32.26 -0.56 0.00	33.53 -0.51 0.00	35.50 -0.69 0.00	40.64 -0.86 0.00	54.34 -1.28 0.00	52.10 -1.39 0.00	44.65 -1.99 0.00	31.55 -1.39 0.00	30.37 -1.18 0.00	27.41 -1.48 0.00	29.54 -0.78 0.00	30.03 -0.51 0.00	27.37 -0.48 0.00	21.84 -0.40 0.00	20.22 -0.39 0.00
LEDERLE____ 23769	33.38 1.57 0.00	31.93 1.29 0.00	29.68 1.21 0.00	31.22 1.15 0.00	30.42 1.09 0.00	27.77 1.18 0.00	31.48 1.39 -0.18	27.65 1.38 0.00	30.53 1.58 2.64	4.98 1.74 29.58	36.28 1.97 -0.27	38.49 2.25 -0.04	44.24 2.74 0.00	59.38 3.76 0.00	57.17 3.84 0.16	-2.02 3.75 52.40	35.48 2.53 0.00	33.78 2.23 0.00	30.99 2.11 0.00	32.20 1.88 0.00	32.07 1.53 0.00	29.29 1.44 0.00	23.45 1.21 0.00	20.90 0.99 0.70
LIGHTHSE_115KV_TB6 355974	31.61 -0.19 0.00	30.53 -0.12 0.00	28.19 -0.28 0.00	29.84 -0.23 0.00	29.26 -0.07 0.00	26.62 0.03 0.00	29.98 0.07 0.00	26.32 0.05 0.00	31.59 -0.01 0.00	32.79 -0.03 0.00	33.99 -0.05 0.00	36.34 -0.04 -0.18	43.72 -0.04 -2.26	61.10 0.05 -5.42	58.49 0.13 -4.87	50.48 0.31 -3.54	33.41 0.23 -0.24	31.85 0.30 0.00	29.30 0.41 0.00	30.85 0.41 -0.11	30.96 0.31 -0.11	28.03 0.17 0.00	22.10 -0.14 0.00	20.43 -0.18 0.00
LINDEN COGEN____ 23786	32.81 1.61 0.61	31.99 1.34 0.00	29.69 1.23 0.00	31.24 1.17 0.00	30.43 1.10 0.00	27.78 1.20 0.00	31.51 1.40 -0.20	27.72 1.45 0.00	32.27 1.64 0.96	31.46 1.77 3.12	35.11 1.96 0.89	35.36 2.16 2.99	39.26 2.63 4.86	36.97 3.57 22.23	41.01 3.68 16.16	36.99 3.70 13.34	35.43 2.48 0.00	33.73 2.18 0.00	31.03 2.14 0.00	32.17 1.85 0.00	32.02 1.48 0.00	29.27 1.42 0.00	23.51 1.27 0.00	22.18 1.03 -0.54
LINDHRST_69_KV_BK1 356055	35.42 2.92 -0.69	33.17 2.53 0.00	30.73 2.27 0.00	32.21 2.14 0.00	31.30 1.97 0.00	28.59 2.00 0.00	32.40 2.29 -0.20	28.44 2.17 0.00	36.87 2.72 -2.56	59.61 2.85 -23.94	37.10 2.77 -0.30	39.24 3.00 -0.05	45.07 3.58 0.00	60.40 4.78 0.00	58.53 4.87 -0.17	100.44 4.98 -48.83	38.92 3.68 -2.30	35.42 3.19 -0.68	31.73 2.85 0.00	32.62 2.31 0.00	32.46 1.92 0.00	29.74 1.89 0.00	23.76 1.52 0.00	22.60 1.46 -0.53
LIPA_MISC_IPP 23656	35.11 2.61 -0.69	32.99 2.35 0.00	30.57 2.11 0.00	32.00 1.93 0.00	31.09 1.76 0.00	28.41 1.82 0.00	32.22 2.11 -0.20	28.16 1.89 0.00	36.55 2.40 -2.56	59.30 2.55 -23.94	36.72 2.38 -0.30	38.85 2.61 -0.05	44.61 3.12 0.00	59.77 4.15 0.00	58.16 4.26 -0.41	100.83 4.39 -49.79	52.09 3.36 -15.79	42.44 2.98 -7.92	31.60 2.71 0.00	32.38 2.06 0.00	32.16 1.62 0.00	29.37 1.52 0.00	23.44 1.20 0.00	22.37 1.23 -0.53
LISF____SOLAR 323691	35.18 2.68 -0.69	33.06 2.42 0.00	30.63 2.17 0.00	32.05 1.98 0.00	31.15 1.81 0.00	28.46 1.87 0.00	32.28 2.17 -0.20	28.20 1.93 0.00	36.61 2.46 -2.56	59.35 2.60 -23.94	36.79 2.45 -0.30	38.93 2.69 -0.05	44.72 3.23 0.00	59.91 4.28 0.00	58.33 4.42 -0.42	101.01 4.53 -49.84	52.41 3.46 -16.00	42.65 3.08 -8.03	31.69 2.80 0.00	32.48 2.16 0.00	32.25 1.71 0.00	29.45 1.60 0.00	23.49 1.24 0.00	22.41 1.26 -0.53
LITTLE FALLS____HYD 24013	31.63 -0.18 0.00	30.30 -0.35 0.00	28.26 -0.20 0.00	29.91 -0.16 0.00	29.00 -0.34 0.00	26.41 -0.18 0.00	29.64 -0.27 0.00	25.93 -0.34 0.00	31.02 -0.57 0.00	32.18 -0.64 0.00	33.55 -0.49 0.00	35.88 -0.32 0.00	41.55 0.06 0.00	55.85 0.22 0.00	53.77 0.27 0.00	46.90 0.26 0.00	33.22 0.27 0.00	31.58 0.03 0.00	29.08 0.20 0.00	30.41 0.09 0.00	30.40 -0.14 0.00	27.81 -0.04 0.00	22.18 -0.06 0.00	20.50 -0.11 0.00
LITTLRIV_115KV_TB1 356100	31.36 -0.45 0.00	30.15 -0.50 0.00	27.86 -0.61 0.00	29.51 -0.56 0.00	28.96 -0.37 0.00	26.25 -0.34 0.00	29.72 -0.19 0.00	26.19 -0.08 0.00	31.52 -0.07 0.00	32.65 -0.17 0.00	33.97 -0.07 0.00	36.00 -0.21 -0.03	41.55 -0.28 -0.33	55.18 -0.49 -0.04	52.88 -0.61 0.00	45.24 -1.40 0.00	31.90 -1.04 0.00	30.75 -0.81 0.00	27.78 -1.10 0.00	29.93 -0.40 0.00	30.45 -0.09 0.00	27.76 -0.09 0.00	22.13 -0.11 0.00	20.46 -0.15 0.00
LI_NEWBRDGE____DRP 323616	34.65 2.16 -0.69	32.46 1.81 0.00	30.10 1.64 0.00	31.58 1.51 0.00	30.72 1.39 0.00	28.05 1.47 0.00	31.76 1.65 -0.20	27.87 1.60 0.00	36.09 1.94 -2.56	58.82 2.07 -23.94	36.37 2.03 -0.30	38.46 2.22 -0.05	44.17 2.68 0.00	59.18 3.55 0.00	57.33 3.69 -0.15	99.26 3.88 -48.74	36.77 2.80 -1.03	33.95 2.40 0.00	31.05 2.16 0.00	32.00 1.68 0.00	31.87 1.33 0.00	29.20 1.35 0.00	23.36 1.12 0.00	22.22 1.08 -0.53
LOCKPORT_115KV_TB60_63_64 80432	32.82 1.01 0.00	32.07 1.42 0.00	29.30 0.83 0.00	30.92 0.85 0.00	30.42 1.09 0.00	27.36 0.77 0.00	31.15 1.24 0.00	26.96 0.69 0.00	32.57 0.98 0.00	33.84 1.02 0.00	34.57 0.53 0.00	36.59 0.43 0.03	41.42 0.27 0.35	55.29 0.51 0.85	53.63 0.90 0.76	47.55 1.46 0.55	33.98 1.08 0.04	32.67 1.12 0.00	30.20 1.32 0.00	31.80 1.50 0.02	31.71 1.19 0.02	29.05 1.20 0.00	22.72 0.48 0.00	21.46 0.85 0.00
LOCKPORT____CC1 323769	32.79 0.99 0.00	32.07 1.43 0.00	29.29 0.83 0.00	30.92 0.85 0.00	30.42 1.08 0.00	27.34 0.75 0.00	31.10 1.19 0.00	26.89 0.63 0.00	32.46 0.87 0.00	33.74 0.92 0.00	34.45 0.41 0.00	36.46 0.29 0.03	41.23 0.08 0.35	55.11 0.32 0.84	53.46 0.71 0.75	47.36 1.27 0.55	33.86 0.95 0.04	32.56 1.01 0.00	30.08 1.19 0.00	31.68 1.37 0.02	31.57 1.05 0.02	28.94 1.09 0.00	22.63 0.39 0.00	21.37 0.76 0.00
LOCKPORT____CC2 323770	32.79 0.99 0.00	32.07 1.43 0.00	29.29 0.83 0.00	30.92 0.85 0.00	30.42 1.08 0.00	27.34 0.75 0.00	31.10 1.19 0.00	26.89 0.63 0.00	32.46 0.87 0.00	33.74 0.92 0.00	34.45 0.41 0.00	36.46 0.29 0.03	41.23 0.08 0.35	55.11 0.32 0.84	53.46 0.71 0.75	47.36 1.27 0.55	33.86 0.95 0.04	32.56 1.01 0.00	30.08 1.19 0.00	31.68 1.37 0.02	31.57 1.05 0.02	28.94 1.09 0.00	22.63 0.39 0.00	21.37 0.76 0.00
LOCKPORT____CC3 323771	32.79 0.99 0.00	32.07 1.43 0.00	29.29 0.83 0.00	30.92 0.85 0.00	30.42 1.08 0.00	27.34 0.75 0.00	31.10 1.19 0.00	26.89 0.63 0.00	32.46 0.87 0.00	33.74 0.92 0.00	34.45 0.41 0.00	36.46 0.29 0.03	41.23 0.08 0.35	55.11 0.32 0.84	53.46 0.71 0.75	47.36 1.27 0.55	33.86 0.95 0.04	32.56 1.01 0.00	30.08 1.19 0.00	31.68 1.37 0.02	31.57 1.05 0.02	28.94 1.09 0.00	22.63 0.39 0.00	21.37 0.76 0.00

LONG_LAKE_PHOENIX 24014	31.42 -0.39 0.00	30.39 -0.25 0.00	28.19 -0.28 0.00	29.79 -0.28 0.00	29.02 -0.31 0.00	26.25 -0.33 0.00	29.58 -0.34 0.00	25.93 -0.34 0.00	31.15 -0.45 0.00	32.40 -0.42 0.00	33.55 -0.49 0.00	35.96 -0.50 -0.26	44.17 -0.52 -3.19	62.77 -0.58 -7.72	59.95 -0.48 -6.93	51.53 -0.15 -5.04	33.15 -0.13 -0.33	31.45 -0.09 0.00	28.90 0.02 0.00	30.45 -0.04 -0.16	30.51 -0.19 -0.16	27.69 -0.16 0.00	21.97 -0.27 0.00	20.37 -0.24 0.00
LOVETT___3 23632	33.18 1.37 0.00	31.77 1.13 0.00	29.54 1.07 0.00	31.08 1.01 0.00	30.28 0.95 0.00	27.65 1.06 0.00	31.33 1.24 -0.18	27.50 1.23 0.00	30.19 1.38 2.78	3.28 1.52 31.06	36.03 1.72 -0.27	38.19 1.95 -0.04	43.87 2.37 0.00	58.86 3.23 0.00	56.67 3.34 0.17	-3.93 3.36 53.93	35.23 2.28 0.00	33.54 1.99 0.00	30.78 1.89 0.00	31.97 1.64 0.00	31.85 1.32 0.00	29.09 1.24 0.00	23.31 1.06 0.00	20.74 0.87 0.74
LOVETT___4 23642	33.18 1.37 0.00	31.77 1.13 0.00	29.54 1.07 0.00	31.08 1.01 0.00	30.28 0.95 0.00	27.65 1.06 0.00	31.33 1.24 -0.18	27.50 1.23 0.00	30.19 1.38 2.78	3.28 1.52 31.06	36.03 1.72 -0.27	38.19 1.95 -0.04	43.87 2.37 0.00	58.86 3.23 0.00	56.67 3.34 0.17	-3.93 3.36 53.93	35.23 2.28 0.00	33.54 1.99 0.00	30.78 1.89 0.00	31.97 1.64 0.00	31.85 1.32 0.00	29.09 1.24 0.00	23.31 1.06 0.00	20.74 0.87 0.74
LOVETT___5 23593	33.18 1.37 0.00	31.77 1.13 0.00	29.54 1.07 0.00	31.08 1.01 0.00	30.28 0.95 0.00	27.65 1.06 0.00	31.33 1.24 -0.18	27.50 1.23 0.00	30.19 1.38 2.78	3.28 1.52 31.06	36.03 1.72 -0.27	38.19 1.95 -0.04	43.87 2.37 0.00	58.86 3.23 0.00	56.67 3.34 0.17	-3.93 3.36 53.93	35.23 2.28 0.00	33.54 1.99 0.00	30.78 1.89 0.00	31.97 1.64 0.00	31.85 1.32 0.00	29.09 1.24 0.00	23.31 1.06 0.00	20.74 0.87 0.74
LOWER_RAQUET___HYD 24057	30.88 -0.92 0.00	29.69 -0.95 0.00	27.41 -1.06 0.00	29.07 -1.01 0.00	28.53 -0.80 0.00	25.84 -0.75 0.00	29.26 -0.66 0.00	25.79 -0.48 0.00	31.02 -0.58 0.00	32.17 -0.65 0.00	33.44 -0.60 0.00	35.43 -0.79 -0.03	40.89 -0.96 -0.35	54.98 -1.43 -0.79	52.65 -1.54 -0.70	45.05 -2.10 -0.51	31.51 -1.47 -0.03	30.31 -1.24 0.00	27.38 -1.51 0.00	29.51 -0.83 -0.02	29.99 -0.56 0.00	27.31 -0.54 0.00	21.77 -0.47 0.00	20.14 -0.47 0.00
LOWER___HUDSON 24059	32.98 1.18 0.00	31.68 1.03 0.00	29.50 1.04 0.00	31.16 1.09 0.00	30.33 0.99 0.00	27.52 0.94 0.00	30.56 0.96 0.30	26.99 0.72 0.00	32.43 0.82 -0.02	37.73 0.87 -4.04	34.54 0.96 0.46	37.21 1.09 0.07	42.85 1.35 0.00	57.58 1.95 0.00	55.43 1.89 -0.05	62.80 2.05 -14.11	34.48 1.54 0.00	32.87 1.32 0.00	30.14 1.26 0.00	31.53 1.21 0.00	31.51 0.97 0.00	28.65 0.80 0.00	22.92 0.69 0.00	21.39 0.66 -0.12
LOWVILLE_115KV_TB2 356335	31.93 0.12 0.00	30.67 0.03 0.00	28.09 -0.37 0.00	29.85 -0.23 0.00	29.62 0.29 0.00	27.27 0.68 0.00	30.77 0.86 0.00	27.07 0.80 0.00	32.52 0.93 0.00	33.65 0.84 0.00	34.95 0.91 0.00	37.25 0.99 -0.07	43.44 1.11 -0.83	59.04 1.63 -1.78	56.66 1.58 -1.59	48.94 1.15 -1.15	33.97 0.96 -0.08	32.61 1.06 0.00	29.93 1.05 0.00	31.63 1.27 -0.04	31.83 1.26 -0.04	28.58 0.73 0.00	22.43 0.19 0.00	20.66 0.05 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	33.49 1.68 0.00	32.15 1.50 0.00	29.88 1.42 0.00	31.57 1.50 0.00	30.74 1.41 0.00	27.91 1.33 0.00	31.11 1.44 0.24	27.47 1.20 0.00	33.11 1.42 -0.09	38.35 1.49 -4.05	35.25 1.57 0.36	37.92 1.79 0.06	43.60 2.11 0.00	58.65 3.02 0.00	56.41 2.87 -0.04	62.96 3.04 -13.29	35.18 2.24 0.00	33.55 2.00 0.00	30.82 1.94 0.00	32.20 1.88 0.00	32.18 1.65 0.00	29.26 1.41 0.00	23.37 1.14 0.00	21.75 1.02 -0.12
LUTHERNY_35_KV_BK2 355980	33.52 1.71 0.00	32.16 1.52 0.00	29.88 1.41 0.00	31.57 1.50 0.00	30.74 1.41 0.00	27.90 1.32 0.00	31.12 1.45 0.24	27.48 1.21 0.00	33.15 1.47 -0.09	38.37 1.51 -4.05	35.27 1.60 0.36	37.97 1.83 0.06	43.64 2.15 0.00	58.74 3.12 0.00	56.46 2.93 -0.04	63.01 3.08 -13.29	35.22 2.28 0.00	33.58 2.03 0.00	30.86 1.98 0.00	32.23 1.91 0.00	32.23 1.69 0.00	29.30 1.45 0.00	23.39 1.16 0.00	21.75 1.03 -0.12
LWR___OSWEGATCHIE_HYD 23850	31.40 -0.41 0.00	30.18 -0.47 0.00	27.76 -0.71 0.00	29.46 -0.62 0.00	29.07 -0.26 0.00	26.53 -0.05 0.00	29.99 0.08 0.00	26.41 0.14 0.00	31.75 0.16 0.00	32.89 0.08 0.00	34.17 0.13 0.00	36.30 0.05 -0.06	42.17 0.00 -0.67	57.14 0.01 -1.50	54.79 -0.04 -1.34	47.12 -0.49 -0.97	32.73 -0.28 -0.07	31.45 -0.10 0.00	28.66 -0.22 0.00	30.58 0.22 -0.03	30.92 0.36 -0.03	27.93 0.08 0.00	22.08 -0.16 0.00	20.38 -0.23 0.00
LYONS_FALL_HYD 23570	32.20 0.39 0.00	30.96 0.31 0.00	28.47 0.01 0.00	30.20 0.12 0.00	29.77 0.44 0.00	27.31 0.73 0.00	30.81 0.90 0.00	27.09 0.82 0.00	32.58 1.00 0.00	33.85 1.03 0.00	35.17 1.13 0.00	37.47 1.25 -0.04	43.54 1.61 -0.43	58.98 2.01 -1.35	56.63 1.91 -1.22	49.01 1.48 -0.89	34.13 1.12 -0.06	32.74 1.19 0.00	30.05 1.17 0.00	31.65 1.30 -0.03	31.81 1.25 -0.03	28.67 0.82 0.00	22.60 0.36 0.00	20.84 0.23 0.00
MADISON___COUNTY_LFGE 323628	32.68 0.87 0.00	31.46 0.81 0.00	29.11 0.65 0.00	30.81 0.74 0.00	30.13 0.80 0.00	27.43 0.85 0.00	30.96 1.05 0.00	27.18 0.92 0.00	32.70 1.11 0.00	33.94 1.12 0.00	35.20 1.17 0.00	37.61 1.38 -0.04	43.74 1.75 -0.49	59.35 2.49 -1.23	57.04 2.43 -1.11	49.52 2.07 -0.81	34.47 1.47 -0.05	33.04 1.49 0.00	30.34 1.46 0.00	31.84 1.49 -0.03	31.96 1.39 -0.03	29.00 1.15 0.00	22.97 0.73 0.00	21.21 0.60 0.00
MALONE___115KV_TB1 356076	31.67 -0.14 0.00	30.36 -0.28 0.00	28.07 -0.39 0.00	29.77 -0.30 0.00	29.15 -0.18 0.00	26.43 -0.16 0.00	29.97 0.05 0.00	26.60 0.33 0.00	32.13 0.54 0.00	33.35 0.53 0.00	34.63 0.59 0.00	36.74 0.55 0.00	41.99 0.49 0.00	55.96 0.33 0.00	53.60 0.10 0.00	46.35 -0.29 0.00	32.89 -0.05 0.00	31.67 0.12 0.00	28.90 0.02 0.00	30.74 0.42 0.00	31.05 0.51 0.00	28.38 0.53 0.00	22.64 0.40 0.00	20.90 0.29 0.00
MAPLEWOD_115KV_TB3 80458	32.99 1.18 0.00	31.67 1.02 0.00	29.49 1.02 0.00	31.12 1.05 0.00	30.30 0.96 0.00	27.53 0.95 0.00	30.65 0.96 0.23	27.05 0.79 0.00	32.64 0.91 -0.13	38.05 0.97 -4.26	34.75 1.06 0.35	37.33 1.19 0.05	43.00 1.51 0.00	57.81 2.19 0.00	55.69 2.15 -0.04	62.60 2.27 -13.69	34.60 1.65 0.00	33.00 1.44 0.00	30.22 1.33 0.00	31.58 1.26 0.00	31.56 1.03 0.00	28.69 0.83 0.00	22.94 0.71 0.00	21.38 0.65 -0.12
MAPLE_RIDGE_WT_1 323574	31.11 -0.70 0.00	29.80 -0.85 0.00	27.67 -0.80 0.00	29.32 -0.75 0.00	29.02 -0.31 0.00	26.70 0.12 0.00	30.08 0.17 0.00	26.38 0.11 0.00	31.75 0.16 0.00	33.01 0.20 0.00	34.25 0.21 0.00	36.47 0.27 0.00	41.85 0.35 0.00	56.12 0.49 0.00	53.88 0.39 0.00	47.09 0.44 0.00	33.31 0.36 0.00	31.89 0.34 0.00	29.21 0.33 0.00	30.55 0.22 0.00	30.63 0.10 0.00	27.60 -0.25 0.00	21.84 -0.40 0.00	20.14 -0.47 0.00

MAPLE_RIDGE_WT_2 323611	31.11 -0.70 0.00	29.80 -0.85 0.00	27.67 -0.80 0.00	29.32 -0.75 0.00	29.02 -0.31 0.00	26.70 0.12 0.00	30.08 0.17 0.00	26.38 0.11 0.00	31.75 0.16 0.00	33.01 0.20 0.00	34.25 0.21 0.00	36.47 0.27 0.00	41.85 0.35 0.00	56.12 0.49 0.00	53.88 0.39 0.00	47.09 0.44 0.00	33.31 0.36 0.00	31.89 0.34 0.00	29.21 0.33 0.00	30.55 0.22 0.00	30.63 0.10 0.00	27.60 -0.25 0.00	21.84 -0.40 0.00	20.14 -0.47 0.00
MARBLE_RIVER_WT_PWR 323696	31.60 -0.20 0.00	30.26 -0.38 0.00	27.98 -0.48 0.00	29.70 -0.38 0.00	29.05 -0.28 0.00	26.34 -0.24 0.00	29.89 -0.02 0.00	26.60 0.33 0.00	32.16 0.57 0.00	33.39 0.57 0.00	34.60 0.56 0.00	36.75 0.56 0.00	42.02 0.53 0.00	55.96 0.33 0.00	53.56 0.07 0.00	46.47 -0.17 0.00	33.07 0.12 0.00	31.78 0.22 0.00	29.06 0.17 0.00	30.72 0.41 0.00	31.01 0.47 0.00	28.33 0.47 0.00	22.66 0.42 0.00	20.92 0.31 0.00
MARSHVLE_115KV_TB1 80742	34.75 2.94 0.00	33.49 2.84 0.00	30.94 2.47 0.00	32.68 2.61 0.00	32.11 2.78 0.00	29.16 2.58 0.00	32.81 3.05 0.15	29.06 2.79 0.00	35.02 3.32 -0.12	39.16 3.29 -3.06	37.20 3.38 0.22	39.61 3.45 0.04	45.45 3.95 0.00	60.84 5.21 0.00	58.64 5.12 -0.03	60.28 4.98 -8.66	36.55 3.61 0.00	35.01 3.46 0.00	32.20 3.31 0.00	33.82 3.50 0.00	34.04 3.51 0.00	30.73 2.88 0.00	24.35 2.11 0.00	22.54 1.84 -0.09
MARSH_HILL_WT_PWR 323713	33.19 1.38 0.00	32.26 1.61 0.00	29.56 1.10 0.00	31.35 1.28 0.00	30.58 1.24 0.00	27.73 1.14 0.00	31.68 1.77 0.00	27.65 1.39 0.00	33.34 1.75 0.00	34.71 1.89 0.00	35.59 1.56 0.00	37.87 1.68 0.00	43.25 1.76 0.00	58.20 2.56 0.00	56.31 2.82 0.00	49.38 2.74 0.00	34.88 1.94 0.00	33.56 2.01 0.00	30.63 1.75 0.00	32.33 2.01 0.00	32.33 1.79 0.00	29.63 1.78 0.00	23.33 1.10 0.00	21.68 1.07 0.00
MCINTYRE_115KV_TB2 80467	31.76 -0.04 0.00	30.55 -0.09 0.00	28.27 -0.20 0.00	29.91 -0.16 0.00	29.33 0.00 0.00	26.59 0.00 0.00	30.09 0.18 0.00	26.49 0.22 0.00	31.89 0.30 0.00	33.00 0.18 0.00	34.30 0.26 0.00	36.31 0.12 0.00	41.55 0.06 0.00	55.58 -0.05 0.00	53.32 -0.18 0.00	45.61 -1.02 0.00	32.17 -0.78 0.00	31.03 -0.52 0.00	28.05 -0.83 0.00	30.21 -0.11 0.00	30.77 0.24 0.00	28.09 0.23 0.00	22.41 0.17 0.00	20.73 0.12 0.00
MECO____69_KV_BK1 80468	35.31 3.50 0.00	33.93 3.28 0.00	31.37 2.90 0.00	33.11 3.03 0.00	32.43 3.10 0.00	29.52 2.93 0.00	33.15 3.40 0.16	29.26 2.99 0.00	34.60 2.87 -0.13	39.12 2.91 -3.39	37.04 3.24 0.24	39.15 3.00 0.04	45.58 4.09 0.00	61.32 5.69 0.00	59.63 6.10 -0.03	61.93 5.69 -9.60	36.73 3.79 0.00	34.82 3.27 0.00	32.53 3.64 0.00	34.29 3.97 0.00	34.50 3.96 0.00	31.17 3.32 0.00	24.64 2.40 0.00	22.94 2.23 -0.09
MENANDS__115KV_TB5 355628	32.63 0.82 0.00	31.33 0.68 0.00	29.19 0.73 0.00	30.81 0.74 0.00	29.99 0.66 0.00	27.25 0.66 0.00	30.30 0.62 0.23	26.74 0.48 0.00	32.26 0.54 -0.13	37.69 0.58 -4.29	34.33 0.65 0.36	36.88 0.74 0.06	42.44 0.95 0.00	57.05 1.42 0.00	54.91 1.38 -0.04	62.10 1.59 -13.87	34.12 1.18 0.00	32.53 0.98 0.00	29.78 0.90 0.00	31.13 0.81 0.00	31.11 0.58 0.00	28.29 0.44 0.00	22.65 0.41 0.00	21.14 0.41 -0.12
MG INDUSTRY___DRP 24185	32.74 0.93 0.00	31.47 0.83 0.00	29.32 0.85 0.00	30.97 0.90 0.00	30.16 0.83 0.00	27.38 0.79 0.00	30.52 0.76 0.14	26.83 0.57 0.00	32.44 0.61 -0.23	37.66 0.60 -4.25	34.42 0.60 0.22	36.79 0.64 0.03	42.29 0.79 0.00	56.88 1.25 0.00	54.72 1.19 -0.04	60.28 1.38 -12.26	33.98 1.04 0.00	32.43 0.87 0.00	29.71 0.83 0.00	31.10 0.78 0.00	31.13 0.60 0.00	28.31 0.46 0.00	22.68 0.44 0.00	21.20 0.47 -0.11
MID___OSWEGATCHIE_HYD 23849	31.40 -0.41 0.00	30.18 -0.47 0.00	27.76 -0.71 0.00	29.46 -0.62 0.00	29.07 -0.26 0.00	26.53 -0.05 0.00	29.99 0.08 0.00	26.41 0.14 0.00	31.75 0.16 0.00	32.89 0.08 0.00	34.17 0.13 0.00	36.30 0.05 -0.06	42.17 0.00 -0.67	57.14 0.01 -1.50	54.79 -0.04 -1.34	47.12 -0.49 -0.97	32.73 -0.07 0.00	31.45 -0.28 0.00	28.66 -0.10 0.00	30.58 -0.22 0.00	30.92 0.22 -0.03	27.93 0.36 -0.03	22.08 0.08 0.00	20.38 -0.16 -0.23
MID___RAQUETTE_HYD 23851	30.88 -0.92 0.00	29.69 -0.96 0.00	27.41 -1.06 0.00	29.07 -1.01 0.00	28.53 -0.80 0.00	25.84 -0.75 0.00	29.26 -0.66 0.00	25.79 -0.48 0.00	31.02 -0.58 0.00	32.17 -0.65 0.00	33.45 -0.60 0.00	35.42 -0.80 -0.03	40.87 -0.97 -0.35	54.97 -1.44 -0.79	52.65 -1.55 -0.70	45.05 -2.10 -0.51	31.51 -1.47 -0.03	30.31 -1.24 0.00	27.38 -1.51 0.00	29.51 -0.83 -0.02	30.00 -0.56 -0.02	27.31 -0.54 0.00	21.78 -0.47 0.00	20.14 -0.47 0.00
MILLIKEN___1 23584	32.58 0.77 0.00	31.46 0.82 0.00	29.13 0.67 0.00	30.83 0.75 0.00	30.00 0.67 0.00	27.26 0.67 0.00	30.84 0.93 0.00	27.06 0.79 0.00	32.54 0.95 0.00	33.84 1.03 0.00	34.94 0.90 0.00	37.41 1.14 -0.08	43.92 1.43 -1.00	59.89 1.84 -2.42	57.60 1.94 -2.17	50.19 1.97 -1.58	34.40 1.35 -0.10	32.93 1.38 0.00	30.26 1.38 0.00	31.78 1.41 -0.05	31.84 1.25 -0.05	29.01 1.16 0.00	22.93 0.69 0.00	21.20 0.59 0.00
MILLIKEN___2 23585	32.58 0.77 0.00	31.46 0.82 0.00	29.13 0.67 0.00	30.83 0.75 0.00	30.00 0.67 0.00	27.26 0.67 0.00	30.84 0.93 0.00	27.06 0.79 0.00	32.54 0.95 0.00	33.84 1.03 0.00	34.94 0.90 0.00	37.41 1.14 -0.08	43.92 1.43 -1.00	59.89 1.84 -2.42	57.60 1.94 -2.17	50.19 1.97 -1.58	34.40 1.35 -0.10	32.93 1.38 0.00	30.26 1.38 0.00	31.78 1.41 -0.05	31.84 1.25 -0.05	29.01 1.16 0.00	22.93 0.69 0.00	21.20 0.59 0.00
MILLIKEN___DIESEL 23629	32.58 0.77 0.00	31.46 0.82 0.00	29.13 0.67 0.00	30.83 0.75 0.00	30.00 0.67 0.00	27.26 0.67 0.00	30.84 0.93 0.00	27.06 0.79 0.00	32.54 0.95 0.00	33.84 1.03 0.00	34.94 0.90 0.00	37.41 1.14 -0.08	43.92 1.43 -1.00	59.89 1.84 -2.42	57.60 1.94 -2.17	50.19 1.97 -1.58	34.40 1.35 -0.10	32.93 1.38 0.00	30.26 1.38 0.00	31.78 1.41 -0.05	31.84 1.25 -0.05	29.01 1.16 0.00	22.93 0.69 0.00	21.20 0.59 0.00
MILLSEAT___LFGE 323607	33.32 1.52 0.00	32.52 1.88 0.00	29.73 1.26 0.00	31.36 1.29 0.00	30.84 1.51 0.00	27.76 1.17 0.00	31.65 1.74 0.00	27.47 1.20 0.00	33.21 1.62 0.00	34.53 1.71 0.00	35.31 1.27 0.00	37.36 1.20 0.03	42.32 1.19 0.37	56.61 1.87 0.89	54.93 2.23 0.80	48.65 2.59 0.58	34.74 1.84 0.04	33.48 1.93 0.00	30.87 1.98 0.00	32.57 2.27 0.02	32.46 1.94 0.02	29.71 1.86 0.00	23.21 0.97 0.00	21.83 1.22 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	33.40 1.60 0.00	31.97 1.33 0.00	29.71 1.24 0.00	31.25 1.18 0.00	30.44 1.11 0.00	27.77 1.19 0.00	31.47 1.36 -0.19	27.63 1.37 0.00	35.97 1.56 -2.82	61.20 1.72 -26.67	36.23 1.90 -0.29	38.35 2.11 -0.05	44.05 2.56 0.00	59.12 3.49 0.00	57.24 3.59 -0.16	121.46 3.60 -71.22	35.39 2.45 0.00	33.70 2.14 0.00	30.91 2.03 0.00	32.09 1.77 0.00	31.98 1.44 0.00	29.20 1.35 0.00	23.41 1.17 0.00	22.19 0.98 -0.60

MILLWOOD_13_KV_LOAD 356217	33.52 1.72 0.00	32.08 1.44 0.00	29.80 1.34 0.00	31.35 1.28 0.00	30.54 1.21 0.00	27.86 1.28 0.00	31.58 1.48 -0.19	27.74 1.47 0.00	36.11 1.70 -2.82	61.35 1.86 -26.67	36.39 2.06 -0.29	38.53 2.29 -0.05	44.26 2.77 0.00	59.42 3.79 0.00	57.57 3.92 -0.16	121.73 3.87 -71.22	35.56 2.62 0.00	33.84 2.29 0.00	31.04 2.16 0.00	32.23 1.91 0.00	32.11 1.57 0.00	29.32 1.47 0.00	23.49 1.25 0.00	22.26 1.06 -0.60
MODEL_CITY_ENERGY 24167	32.46 0.66 0.00	31.74 1.10 0.00	28.99 0.52 0.00	30.60 0.53 0.00	30.11 0.78 0.00	27.07 0.48 0.00	30.85 0.94 0.00	26.69 0.43 0.00	32.27 0.68 0.00	33.53 0.72 0.00	34.23 0.19 0.00	36.21 0.04 0.03	40.92 -0.24 0.34	54.69 -0.11 0.83	53.06 0.31 0.74	47.06 0.96 0.54	33.68 0.78 0.04	32.41 0.86 0.00	29.91 1.03 0.00	31.53 1.22 0.02	31.41 0.89 0.02	28.79 0.94 0.00	22.52 0.28 0.00	21.30 0.69 0.00
MODERN_LFGE_ 323580	32.46 0.66 0.00	31.74 1.10 0.00	28.99 0.52 0.00	30.60 0.53 0.00	30.11 0.78 0.00	27.07 0.48 0.00	30.85 0.94 0.00	26.69 0.43 0.00	32.27 0.68 0.00	33.53 0.72 0.00	34.23 0.19 0.00	36.21 0.04 0.03	40.92 -0.24 0.34	54.69 -0.11 0.83	53.06 0.31 0.74	47.06 0.96 0.54	33.68 0.78 0.04	32.41 0.86 0.00	29.91 1.03 0.00	31.53 1.22 0.02	31.41 0.89 0.02	28.79 0.94 0.00	22.52 0.28 0.00	21.30 0.69 0.00
MOHAWK_PAPER__DRP 24187	32.99 1.18 0.00	31.67 1.02 0.00	29.49 1.02 0.00	31.12 1.05 0.00	30.30 0.96 0.00	27.53 0.95 0.00	30.65 0.96 0.23	27.05 0.79 0.00	32.64 0.91 -0.13	38.05 0.97 -4.26	34.75 1.06 0.35	37.33 1.19 0.05	43.00 1.51 0.00	57.81 2.19 0.00	55.69 2.15 -0.04	62.60 2.27 -13.69	34.60 1.65 0.00	33.00 1.44 0.00	30.22 1.33 0.00	31.58 1.26 0.00	31.56 1.03 0.00	28.69 0.83 0.00	22.94 0.71 0.00	21.38 0.65 -0.12
MOHICAN__35_KV_115KV_LD 80490	33.57 1.76 0.00	32.20 1.55 0.00	29.88 1.41 0.00	31.58 1.51 0.00	30.72 1.39 0.00	27.90 1.32 0.00	31.12 1.45 0.24	27.51 1.24 0.00	33.14 1.45 -0.10	38.40 1.54 -4.05	35.28 1.60 0.36	37.96 1.83 0.06	43.56 2.06 0.00	58.64 3.01 0.00	56.41 2.87 -0.04	63.12 3.24 -13.24	35.36 2.42 0.00	33.67 2.12 0.00	31.04 2.16 0.00	32.37 2.05 0.00	32.31 1.77 0.00	29.40 1.54 0.00	23.46 1.23 0.00	21.87 1.14 -0.12
MONGAUP__HYD 23641	33.32 1.52 0.00	31.94 1.30 0.00	29.63 1.17 0.00	31.21 1.13 0.00	30.38 1.05 0.00	27.66 1.08 0.00	31.30 1.23 -0.16	27.46 1.19 0.00	31.40 1.31 1.49	16.71 1.33 17.43	35.73 1.46 -0.23	37.90 1.67 -0.04	43.71 2.21 0.00	58.81 3.18 0.00	56.97 3.59 0.12	12.08 2.99 37.55	34.74 1.80 0.00	33.03 1.48 0.00	30.17 1.29 0.00	31.50 1.17 0.00	31.77 1.23 0.00	29.10 1.25 0.00	23.35 1.11 0.00	21.11 0.92 0.42
MONTAUK__DIESEL 23721	36.76 4.26 -0.69	34.51 3.87 0.00	31.94 3.47 0.00	33.40 3.33 0.00	32.44 3.11 0.00	29.65 3.06 0.00	33.68 3.57 -0.20	29.53 3.26 0.00	38.45 4.30 -2.56	61.32 4.56 -23.94	38.95 4.62 -0.30	41.37 5.13 -0.05	47.57 6.07 0.00	63.91 8.28 0.00	62.25 8.34 -0.42	104.35 7.90 -49.81	54.62 5.79 -15.88	44.78 5.26 -7.96	33.65 4.77 0.00	34.45 4.13 0.00	34.12 3.58 0.00	31.02 3.17 0.00	24.69 2.44 0.00	23.44 2.30 -0.53
MOONROAD_115KV_HARTFLD_TB1-2 355988	33.97 2.17 0.00	33.12 2.47 0.00	30.25 1.79 0.00	32.01 1.93 0.00	31.21 1.88 0.00	28.26 1.67 0.00	32.47 2.56 0.00	28.30 2.04 0.00	34.23 2.64 0.00	35.20 2.39 0.00	36.07 2.04 0.00	38.55 2.36 0.00	44.07 2.58 0.00	59.37 3.74 0.00	57.64 4.15 0.00	50.52 3.88 0.00	35.42 2.47 0.00	34.12 2.57 0.00	31.45 2.57 0.00	33.00 2.68 0.00	32.76 2.23 0.00	29.98 2.13 0.00	23.31 1.08 0.00	21.69 1.08 0.00
MORTIMER_115KV_TB3 55949	32.67 0.87 0.00	31.77 1.13 0.00	29.21 0.75 0.00	30.82 0.75 0.00	30.21 0.88 0.00	27.25 0.67 0.00	30.96 1.05 0.00	27.02 0.75 0.00	32.67 1.08 0.00	34.00 1.19 0.00	34.90 0.86 0.00	37.02 0.86 0.04	42.02 0.96 0.44	56.07 1.51 1.07	54.30 1.77 0.96	48.06 2.11 0.70	34.39 1.49 0.05	33.03 1.48 0.00	30.37 1.49 0.00	31.92 1.62 0.02	31.89 1.37 0.02	29.15 1.30 0.00	22.91 0.67 0.00	21.40 0.79 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	33.68 1.88 0.00	32.22 1.58 0.00	29.91 1.45 0.00	31.46 1.39 0.00	30.64 1.31 0.00	27.97 1.39 0.00	31.72 1.61 -0.20	27.90 1.63 0.00	36.05 1.89 -2.57	58.98 2.05 -24.12	36.56 2.22 -0.30	38.67 2.43 -0.05	44.42 2.93 0.00	59.61 3.99 0.00	57.72 4.08 -0.15	99.22 4.02 -48.57	35.66 2.72 0.00	33.94 2.40 0.00	31.18 2.29 0.00	32.35 2.03 0.00	32.22 1.69 0.00	29.46 1.61 0.00	23.63 1.39 0.00	22.32 1.17 -0.54
MUNSVILLE_WIND_PWR 323609	34.27 2.46 0.00	32.98 2.34 0.00	30.46 2.00 0.00	32.26 2.19 0.00	31.52 2.19 0.00	28.70 2.11 0.00	32.66 2.75 0.00	28.68 2.42 0.00	34.53 2.93 0.00	35.80 2.99 0.00	37.11 3.07 0.00	39.62 3.38 -0.05	46.25 4.17 -0.58	62.68 5.64 -1.41	60.29 5.53 -1.27	52.76 5.20 -0.92	36.55 3.54 -0.06	35.22 3.67 0.00	32.30 3.42 0.00	33.90 3.55 -0.03	33.83 3.26 -0.03	30.81 2.95 0.00	24.29 2.05 0.00	22.36 1.76 0.00
N SALMON__HYD 24042	31.67 -0.14 0.00	30.36 -0.29 0.00	28.07 -0.39 0.00	29.77 -0.30 0.00	29.15 -0.18 0.00	26.43 -0.16 0.00	29.97 0.05 0.00	26.60 0.33 0.00	32.13 0.54 0.00	33.34 0.53 0.00	34.63 0.59 0.00	36.74 0.55 0.00	42.00 0.50 0.00	55.96 0.33 0.00	53.60 0.10 0.00	46.35 -0.29 0.00	32.89 -0.05 0.00	31.67 0.12 0.00	28.90 0.02 0.00	30.74 0.42 0.00	31.05 0.51 0.00	28.38 0.53 0.00	22.64 0.40 0.00	20.90 0.29 0.00
N.AKRON__115KV_KNAPP 355671	33.24 1.43 0.00	32.45 1.81 0.00	29.66 1.20 0.00	31.30 1.23 0.00	30.78 1.45 0.00	27.70 1.11 0.00	31.57 1.66 0.00	27.37 1.11 0.00	33.10 1.51 0.00	34.40 1.58 0.00	35.19 1.15 0.00	37.24 1.08 0.03	42.22 1.08 0.36	56.41 1.65 0.87	54.73 2.03 0.78	48.49 2.42 0.57	34.60 1.70 0.04	33.30 1.75 0.00	30.75 1.87 0.00	32.42 2.12 0.02	32.32 1.80 0.02	29.59 1.73 0.00	23.12 0.88 0.00	21.77 1.16 0.00
N.BELMOR_69_KV_BK1 55787	35.03 2.53 -0.69	32.80 2.15 0.00	30.39 1.93 0.00	31.88 1.81 0.00	31.00 1.67 0.00	28.32 1.73 0.00	32.05 1.95 -0.20	28.13 1.86 0.00	36.41 2.26 -2.56	59.19 2.44 -23.94	36.85 2.52 -0.30	38.98 2.74 -0.05	44.73 3.23 0.00	59.96 4.34 0.00	58.11 4.47 -0.15	99.97 4.59 -48.74	37.27 3.30 -1.03	34.40 2.85 0.00	31.44 2.55 0.00	32.42 2.10 0.00	32.27 1.73 0.00	29.56 1.71 0.00	23.64 1.40 0.00	22.45 1.31 -0.53
N.E._GEN_SANDY PD 24062	32.69 1.09 0.20	31.56 0.91 0.00	28.94 0.92 0.44	32.13 0.92 -1.13	30.21 0.82 -0.06	27.40 0.81 0.00	29.27 0.82 1.47	26.74 0.70 0.23	30.45 0.76 1.90	34.53 0.84 -0.87	32.57 0.97 2.44	36.81 1.08 0.47	42.86 1.37 0.00	57.41 1.93 0.15	54.30 1.94 1.13	71.96 2.18 -23.14	35.71 1.60 -1.17	31.96 1.34 0.93	30.06 1.25 0.07	31.47 1.10 -0.05	31.35 0.81 0.00	28.52 0.67 0.00	22.86 0.64 0.02	21.28 0.60 -0.07

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	33.24 1.44 0.00	31.83 1.18 0.00	29.59 1.13 0.00	31.13 1.06 0.00	30.33 1.00 0.00	27.69 1.10 0.00	31.38 1.29 -0.18	27.55 1.28 0.00	30.32 1.44 2.72	4.00 1.59 30.41	36.12 1.81 -0.27	38.30 2.06 -0.04	44.01 2.52 0.00	59.06 3.44 0.00	56.87 3.54 0.16	-3.12 3.50 53.26	35.32 2.37 0.00	33.63 2.08 0.00	30.85 1.97 0.00	32.05 1.73 0.00	31.93 1.39 0.00	29.16 1.31 0.00	23.35 1.11 0.00	20.80 0.91 0.72
N.QUEENS_27_KV_LOAD 356247	33.74 1.94 0.00	32.24 1.60 0.00	29.91 1.45 0.00	31.45 1.37 0.00	30.63 1.30 0.00	28.03 1.44 0.00	31.77 1.66 -0.20	27.97 1.70 0.00	36.09 1.92 -2.57	59.00 2.06 -24.12	36.49 2.16 -0.30	38.62 2.38 -0.05	44.38 2.89 0.00	59.58 3.95 0.00	57.80 4.16 -0.15	99.23 4.03 -48.57	35.65 2.71 0.00	33.91 2.36 0.00	31.13 2.25 0.00	32.30 1.98 0.00	32.21 1.67 0.00	29.49 1.64 0.00	23.76 1.52 0.00	22.37 1.22 -0.54
N.TROY___115KV_TB1 355778	32.98 1.18 0.00	31.68 1.03 0.00	29.50 1.04 0.00	31.16 1.09 0.00	30.33 0.99 0.00	27.52 0.94 0.00	30.56 0.96 0.30	26.99 0.72 0.00	32.43 0.82 -0.02	37.73 0.88 -4.04	34.54 0.96 0.46	37.21 1.09 0.07	42.84 1.35 0.00	57.58 1.95 0.00	55.43 1.89 -0.05	62.80 2.04 -14.11	34.49 1.54 0.00	32.88 1.33 0.00	30.14 1.26 0.00	31.53 1.21 0.00	31.51 0.97 0.00	28.65 0.80 0.00	22.92 0.69 0.00	21.39 0.65 -0.12
NARROWS_GT1_1 24228	33.89 2.08 0.00	32.41 1.76 0.00	30.08 1.62 0.00	31.57 1.50 0.00	30.77 1.44 0.00	28.12 1.54 0.00	31.87 1.76 -0.20	28.06 1.80 0.00	36.21 2.04 -2.57	59.17 2.22 -24.12	36.74 2.40 -0.30	38.88 2.64 -0.05	44.59 3.09 0.00	59.78 4.15 0.00	57.93 4.28 -0.15	99.23 4.02 -48.57	35.66 2.72 0.00	33.95 2.40 0.00	31.26 2.38 0.00	32.44 2.12 0.00	32.33 1.79 0.00	29.65 1.80 0.00	23.80 1.56 0.00	22.45 1.31 -0.54
NARROWS_GT1_2 24229	33.89 2.08 0.00	32.41 1.76 0.00	30.08 1.62 0.00	31.57 1.50 0.00	30.77 1.44 0.00	28.12 1.54 0.00	31.87 1.76 -0.20	28.06 1.80 0.00	36.21 2.04 -2.57	59.17 2.22 -24.12	36.74 2.40 -0.30	38.88 2.64 -0.05	44.59 3.09 0.00	59.78 4.15 0.00	57.93 4.28 -0.15	99.23 4.02 -48.57	35.66 2.72 0.00	33.95 2.40 0.00	31.26 2.38 0.00	32.44 2.12 0.00	32.33 1.79 0.00	29.65 1.80 0.00	23.80 1.56 0.00	22.45 1.31 -0.54
NARROWS_GT1_3 24230	33.89 2.08 0.00	32.41 1.76 0.00	30.08 1.62 0.00	31.57 1.50 0.00	30.77 1.44 0.00	28.12 1.54 0.00	31.87 1.76 -0.20	28.06 1.80 0.00	36.21 2.04 -2.57	59.17 2.22 -24.12	36.74 2.40 -0.30	38.88 2.64 -0.05	44.59 3.09 0.00	59.78 4.15 0.00	57.93 4.28 -0.15	99.23 4.02 -48.57	35.66 2.72 0.00	33.95 2.40 0.00	31.26 2.38 0.00	32.44 2.12 0.00	32.33 1.79 0.00	29.65 1.80 0.00	23.80 1.56 0.00	22.45 1.31 -0.54
NARROWS_GT1_4 24231	33.89 2.08 0.00	32.41 1.76 0.00	30.08 1.62 0.00	31.57 1.50 0.00	30.77 1.44 0.00	28.12 1.54 0.00	31.87 1.76 -0.20	28.06 1.80 0.00	36.21 2.04 -2.57	59.17 2.22 -24.12	36.74 2.40 -0.30	38.88 2.64 -0.05	44.59 3.09 0.00	59.78 4.15 0.00	57.93 4.28 -0.15	99.23 4.02 -48.57	35.66 2.72 0.00	33.95 2.40 0.00	31.26 2.38 0.00	32.44 2.12 0.00	32.33 1.79 0.00	29.65 1.80 0.00	23.80 1.56 0.00	22.45 1.31 -0.54
NARROWS_GT1_5 24232	33.89 2.08 0.00	32.41 1.76 0.00	30.08 1.62 0.00	31.57 1.50 0.00	30.77 1.44 0.00	28.12 1.54 0.00	31.87 1.76 -0.20	28.06 1.80 0.00	36.21 2.04 -2.57	59.17 2.22 -24.12	36.74 2.40 -0.30	38.88 2.64 -0.05	44.59 3.09 0.00	59.78 4.15 0.00	57.93 4.28 -0.15	99.23 4.02 -48.57	35.66 2.72 0.00	33.95 2.40 0.00	31.26 2.38 0.00	32.44 2.12 0.00	32.33 1.79 0.00	29.65 1.80 0.00	23.80 1.56 0.00	22.45 1.31 -0.54
NARROWS_GT1_6 24233	33.89 2.08 0.00	32.41 1.76 0.00	30.08 1.62 0.00	31.57 1.50 0.00	30.77 1.44 0.00	28.12 1.54 0.00	31.87 1.76 -0.20	28.06 1.80 0.00	36.21 2.04 -2.57	59.17 2.22 -24.12	36.74 2.40 -0.30	38.88 2.64 -0.05	44.59 3.09 0.00	59.78 4.15 0.00	57.93 4.28 -0.15	99.23 4.02 -48.57	35.66 2.72 0.00	33.95 2.40 0.00	31.26 2.38 0.00	32.44 2.12 0.00	32.33 1.79 0.00	29.65 1.80 0.00	23.80 1.56 0.00	22.45 1.31 -0.54
NARROWS_GT1_7 24234	33.89 2.08 0.00	32.41 1.76 0.00	30.08 1.62 0.00	31.57 1.50 0.00	30.77 1.44 0.00	28.12 1.54 0.00	31.87 1.76 -0.20	28.06 1.80 0.00	36.21 2.04 -2.57	59.17 2.22 -24.12	36.74 2.40 -0.30	38.88 2.64 -0.05	44.59 3.09 0.00	59.78 4.15 0.00	57.93 4.28 -0.15	99.23 4.02 -48.57	35.66 2.72 0.00	33.95 2.40 0.00	31.26 2.38 0.00	32.44 2.12 0.00	32.33 1.79 0.00	29.65 1.80 0.00	23.80 1.56 0.00	22.45 1.31 -0.54
NARROWS_GT1_8 24235	33.89 2.08 0.00	32.41 1.76 0.00	30.08 1.62 0.00	31.57 1.50 0.00	30.77 1.44 0.00	28.12 1.54 0.00	31.87 1.76 -0.20	28.06 1.80 0.00	36.21 2.04 -2.57	59.17 2.22 -24.12	36.74 2.40 -0.30	38.88 2.64 -0.05	44.59 3.09 0.00	59.78 4.15 0.00	57.93 4.28 -0.15	99.23 4.02 -48.57	35.66 2.72 0.00	33.95 2.40 0.00	31.26 2.38 0.00	32.44 2.12 0.00	32.33 1.79 0.00	29.65 1.80 0.00	23.80 1.56 0.00	22.45 1.31 -0.54
NARROWS_GT2_1 24236	33.89 2.08 0.00	32.41 1.76 0.00	30.08 1.62 0.00	31.57 1.50 0.00	30.77 1.44 0.00	28.12 1.54 0.00	31.87 1.76 -0.20	28.06 1.80 0.00	36.21 2.04 -2.57	59.17 2.22 -24.12	36.74 2.40 -0.30	38.88 2.64 -0.05	44.59 3.09 0.00	59.78 4.15 0.00	57.93 4.28 -0.15	99.23 4.02 -48.57	35.66 2.72 0.00	33.95 2.40 0.00	31.26 2.38 0.00	32.44 2.12 0.00	32.33 1.79 0.00	29.65 1.80 0.00	23.80 1.56 0.00	22.45 1.31 -0.54
NARROWS_GT2_2 24237	33.89 2.08 0.00	32.41 1.76 0.00	30.08 1.62 0.00	31.57 1.50 0.00	30.77 1.44 0.00	28.12 1.54 0.00	31.87 1.76 -0.20	28.06 1.80 0.00	36.21 2.04 -2.57	59.17 2.22 -24.12	36.74 2.40 -0.30	38.88 2.64 -0.05	44.59 3.09 0.00	59.78 4.15 0.00	57.93 4.28 -0.15	99.23 4.02 -48.57	35.66 2.72 0.00	33.95 2.40 0.00	31.26 2.38 0.00	32.44 2.12 0.00	32.33 1.79 0.00	29.65 1.80 0.00	23.80 1.56 0.00	22.45 1.31 -0.54
NARROWS_GT2_3 24238	33.89 2.08 0.00	32.41 1.76 0.00	30.08 1.62 0.00	31.57 1.50 0.00	30.77 1.44 0.00	28.12 1.54 0.00	31.87 1.76 -0.20	28.06 1.80 0.00	36.21 2.04 -2.57	59.17 2.22 -24.12	36.74 2.40 -0.30	38.88 2.64 -0.05	44.59 3.09 0.00	59.78 4.15 0.00	57.93 4.28 -0.15	99.23 4.02 -48.57	35.66 2.72 0.00	33.95 2.40 0.00	31.26 2.38 0.00	32.44 2.12 0.00	32.33 1.79 0.00	29.65 1.80 0.00	23.80 1.56 0.00	22.45 1.31 -0.54
NARROWS_GT2_4 24239	33.89 2.08 0.00	32.41 1.76 0.00	30.08 1.62 0.00	31.57 1.50 0.00	30.77 1.44 0.00	28.12 1.54 0.00	31.87 1.76 -0.20	28.06 1.80 0.00	36.21 2.04 -2.57	59.17 2.22 -24.12	36.74 2.40 -0.30	38.88 2.64 -0.05	44.59 3.09 0.00	59.78 4.15 0.00	57.93 4.28 -0.15	99.23 4.02 -48.57	35.66 2.72 0.00	33.95 2.40 0.00	31.26 2.38 0.00	32.44 2.12 0.00	32.33 1.79 0.00	29.65 1.80 0.00	23.80 1.56 0.00	22.45 1.31 -0.54

NARROWS_GT2_5 24240	33.89 2.08 0.00	32.41 1.76 0.00	30.08 1.62 0.00	31.57 1.50 0.00	30.77 1.44 0.00	28.12 1.54 0.00	31.87 1.76 -0.20	28.06 1.80 0.00	36.21 2.04 -2.57	59.17 2.22 -24.12	36.74 2.40 -0.30	38.88 2.64 -0.05	44.59 3.09 0.00	59.78 4.15 0.00	57.93 4.28 -0.15	99.23 4.02 -48.57	35.66 2.72 0.00	33.95 2.40 0.00	31.26 2.38 0.00	32.44 2.12 0.00	32.33 1.79 0.00	29.65 1.80 0.00	23.80 1.56 0.00	22.45 1.31 -0.54
NARROWS_GT2_6 24241	33.89 2.08 0.00	32.41 1.76 0.00	30.08 1.62 0.00	31.57 1.50 0.00	30.77 1.44 0.00	28.12 1.54 0.00	31.87 1.76 -0.20	28.06 1.80 0.00	36.21 2.04 -2.57	59.17 2.22 -24.12	36.74 2.40 -0.30	38.88 2.64 -0.05	44.59 3.09 0.00	59.78 4.15 0.00	57.93 4.28 -0.15	99.23 4.02 -48.57	35.66 2.72 0.00	33.95 2.40 0.00	31.26 2.38 0.00	32.44 2.12 0.00	32.33 1.79 0.00	29.65 1.80 0.00	23.80 1.56 0.00	22.45 1.31 -0.54
NARROWS_GT2_7 24242	33.89 2.08 0.00	32.41 1.76 0.00	30.08 1.62 0.00	31.57 1.50 0.00	30.77 1.44 0.00	28.12 1.54 0.00	31.87 1.76 -0.20	28.06 1.80 0.00	36.21 2.04 -2.57	59.17 2.22 -24.12	36.74 2.40 -0.30	38.88 2.64 -0.05	44.59 3.09 0.00	59.78 4.15 0.00	57.93 4.28 -0.15	99.23 4.02 -48.57	35.66 2.72 0.00	33.95 2.40 0.00	31.26 2.38 0.00	32.44 2.12 0.00	32.33 1.79 0.00	29.65 1.80 0.00	23.80 1.56 0.00	22.45 1.31 -0.54
NARROWS_GT2_8 24243	33.89 2.08 0.00	32.41 1.76 0.00	30.08 1.62 0.00	31.57 1.50 0.00	30.77 1.44 0.00	28.12 1.54 0.00	31.87 1.76 -0.20	28.06 1.80 0.00	36.21 2.04 -2.57	59.17 2.22 -24.12	36.74 2.40 -0.30	38.88 2.64 -0.05	44.59 3.09 0.00	59.78 4.15 0.00	57.93 4.28 -0.15	99.23 4.02 -48.57	35.66 2.72 0.00	33.95 2.40 0.00	31.26 2.38 0.00	32.44 2.12 0.00	32.33 1.79 0.00	29.65 1.80 0.00	23.80 1.56 0.00	22.45 1.31 -0.54
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	33.35 1.54 0.00	32.03 1.39 0.00	29.83 1.36 0.00	31.49 1.42 0.00	30.67 1.34 0.00	27.86 1.28 0.00	31.19 1.38 0.10	27.36 1.09 0.00	33.06 1.25 -0.22	37.46 1.10 -3.55	34.87 0.99 0.15	37.17 1.00 0.02	42.70 1.21 0.00	58.12 2.49 0.00	56.07 2.55 -0.03	57.55 2.29 -8.62	34.68 1.74 0.00	33.11 1.56 0.00	30.32 1.44 0.00	31.78 1.46 0.00	31.83 1.29 0.00	28.84 0.99 0.00	23.05 0.81 0.00	21.53 0.83 -0.09
NCHELSEA_115KV_TR2 355582	33.66 1.85 0.00	32.22 1.58 0.00	29.93 1.47 0.00	31.51 1.44 0.00	30.68 1.35 0.00	27.97 1.38 0.00	31.63 1.57 -0.15	27.81 1.54 0.00	33.62 1.78 -0.25	35.43 1.94 -0.67	36.41 2.15 -0.22	38.65 2.43 -0.04	44.49 2.99 0.00	59.77 4.14 0.00	57.79 4.27 -0.03	60.28 4.10 -9.54	35.70 2.75 0.00	33.98 2.43 0.00	31.13 2.25 0.00	32.36 2.04 0.00	32.28 1.74 0.00	29.45 1.60 0.00	23.57 1.33 0.00	21.74 1.13 0.00
NEG CAPITAL___MECHNVIL 23645	33.47 1.66 0.00	32.12 1.47 0.00	29.87 1.41 0.00	31.55 1.48 0.00	30.71 1.38 0.00	27.89 1.30 0.00	31.05 1.40 0.27	27.44 1.18 0.00	33.04 1.39 -0.06	38.31 1.47 -4.03	35.23 1.59 0.40	37.96 1.83 0.06	43.67 2.18 0.00	58.82 3.19 0.00	56.52 2.99 -0.04	63.30 3.10 -13.56	35.25 2.31 0.00	33.59 2.03 0.00	30.86 1.97 0.00	32.23 1.91 0.00	32.19 1.65 0.00	29.25 1.40 0.00	23.36 1.12 0.00	21.75 1.02 -0.12
NEG CENTRAL_HIGH_ACRES 23767	31.92 0.11 0.00	30.99 0.35 0.00	28.54 0.08 0.00	30.11 0.04 0.00	29.50 0.17 0.00	26.65 0.07 0.00	30.26 0.35 0.00	26.47 0.20 0.00	31.97 0.39 0.00	33.27 0.46 0.00	34.24 0.20 0.00	36.41 0.22 0.00	41.76 0.26 0.00	56.22 0.59 0.00	54.35 0.86 0.00	47.86 1.22 0.00	33.79 0.85 0.00	32.43 0.88 0.00	29.80 0.92 0.00	31.29 0.97 0.00	31.26 0.72 0.00	28.53 0.68 0.00	22.44 0.20 0.00	20.90 0.28 0.00
NEG CENTRAL___DRP 24199	32.28 0.47 0.00	31.25 0.61 0.00	28.92 0.45 0.00	30.57 0.50 0.00	29.78 0.45 0.00	27.05 0.46 0.00	30.64 0.72 0.00	26.88 0.61 0.00	32.31 0.72 0.00	33.63 0.81 0.00	34.71 0.67 0.00	37.13 0.86 -0.07	43.43 1.03 -0.90	59.26 1.44 -2.19	57.11 1.65 -1.97	49.80 1.73 -1.43	34.22 1.18 -0.09	32.75 1.20 0.00	30.10 1.22 0.00	31.58 1.21 -0.05	31.59 1.00 -0.05	28.80 0.95 0.00	22.76 0.52 0.00	21.08 0.48 0.00
NEG CENTRAL___INDECK 23768	33.84 2.04 0.00	32.89 2.25 0.00	30.15 1.68 0.00	31.88 1.81 0.00	31.19 1.86 0.00	28.22 1.63 0.00	32.17 2.26 0.00	28.05 1.79 0.00	33.95 2.36 0.00	35.33 2.51 0.00	35.79 1.75 0.00	37.36 1.17 0.00	42.25 0.76 0.00	56.80 1.17 0.00	55.13 1.64 0.00	48.72 2.08 0.00	34.70 1.76 0.00	33.59 2.04 0.00	30.67 1.78 0.00	32.28 1.96 0.00	32.42 1.89 0.00	29.76 1.90 0.00	23.72 1.48 0.00	22.17 1.56 0.00
NEG CENTRAL___SENECA 23627	32.54 0.73 0.00	31.53 0.89 0.00	29.12 0.65 0.00	30.80 0.73 0.00	30.02 0.68 0.00	27.27 0.69 0.00	30.95 1.04 0.00	27.16 0.89 0.00	32.64 1.05 0.00	33.98 1.17 0.00	35.04 1.00 0.00	37.40 1.20 0.00	42.91 1.42 0.00	57.62 1.99 0.00	55.74 2.24 0.00	48.87 2.24 0.00	34.49 1.54 0.00	33.10 1.55 0.00	30.43 1.54 0.00	31.89 1.57 0.00	31.87 1.33 0.00	29.10 1.25 0.00	22.99 0.76 0.00	21.30 0.69 0.00
NEG CENTRAL___STATE_STREET 24147	32.31 0.51 0.00	31.23 0.59 0.00	28.96 0.50 0.00	30.63 0.56 0.00	29.81 0.48 0.00	27.12 0.53 0.00	30.69 0.78 0.00	26.92 0.65 0.00	32.37 0.78 0.00	33.68 0.86 0.00	34.68 0.65 0.00	37.21 0.90 -0.12	44.09 1.16 -1.44	60.53 1.42 -3.48	58.19 1.58 -3.12	50.81 1.90 -2.27	34.33 1.24 -0.15	32.86 1.31 0.00	30.18 1.30 0.00	31.60 1.21 -0.07	31.72 1.11 -0.07	28.87 1.03 0.00	22.76 0.52 0.00	21.06 0.45 0.00
NEG MILLWOOD___DRP 24198	33.78 1.98 0.00	32.33 1.68 0.00	30.02 1.56 0.00	31.58 1.51 0.00	30.75 1.42 0.00	28.04 1.46 0.00	31.77 1.68 -0.17	27.93 1.66 0.00	34.65 1.94 -1.11	44.31 2.14 -9.36	36.66 2.36 -0.25	38.87 2.64 -0.04	44.73 3.24 0.00	60.11 4.49 0.00	58.18 4.60 -0.08	76.53 4.44 -25.45	35.94 2.99 0.00	34.17 2.62 0.00	31.31 2.43 0.00	32.51 2.18 0.00	32.40 1.86 0.00	29.56 1.71 0.00	23.66 1.41 0.00	22.01 1.20 -0.20
NEG NORTH_FLCN_SEA 23793	31.96 0.16 0.00	30.58 -0.06 0.00	28.27 -0.20 0.00	30.03 -0.04 0.00	29.35 0.02 0.00	26.61 0.02 0.00	30.19 0.28 0.00	26.87 0.60 0.00	32.48 0.89 0.00	33.77 0.95 0.00	34.95 0.91 0.00	37.15 0.96 0.00	42.51 1.02 0.00	56.67 1.04 0.00	54.26 0.77 0.00	47.11 0.47 0.00	33.53 0.58 0.00	32.17 0.62 0.00	29.46 0.58 0.00	31.11 0.79 0.00	31.39 0.85 0.00	28.67 0.82 0.00	22.94 0.70 0.00	21.21 0.60 0.00
NEG NORTH_KES_CHATEGAY 23792	31.57 -0.23 0.00	30.26 -0.39 0.00	27.98 -0.48 0.00	29.71 -0.37 0.00	29.07 -0.26 0.00	26.35 -0.23 0.00	29.89 -0.02 0.00	26.58 0.31 0.00	32.15 0.56 0.00	33.35 0.54 0.00	34.59 0.54 0.00	36.72 0.52 0.00	41.95 0.46 0.00	55.85 0.22 0.00	53.45 -0.04 0.00	46.32 -0.32 0.00	32.94 0.00 0.00	31.68 0.13 0.00	28.97 0.09 0.00	30.67 0.35 0.00	30.95 0.41 0.00	28.32 0.47 0.00	22.64 0.40 0.00	20.90 0.29 0.00

NEG NORTH___ALICE_FALLS 23915	31.95 0.14 0.00	30.56 -0.09 0.00	28.24 -0.23 0.00	29.99 -0.08 0.00	29.31 -0.02 0.00	26.58 -0.01 0.00	30.17 0.25 0.00	26.86 0.59 0.00	32.45 0.86 0.00	33.73 0.91 0.00	34.89 0.85 0.00	37.11 0.92 0.00	42.48 0.99 0.00	56.61 0.98 0.00	54.23 0.74 0.00	47.03 0.39 0.00	33.48 0.54 0.00	32.17 0.62 0.00	29.47 0.58 0.00	31.16 0.84 0.00	31.44 0.90 0.00	28.70 0.86 0.00	22.94 0.71 0.00	21.20 0.59 0.00
NEG NORTH___LWR_SARANAC 23913	31.95 0.14 0.00	30.56 -0.09 0.00	28.24 -0.23 0.00	29.99 -0.08 0.00	29.31 -0.02 0.00	26.58 -0.01 0.00	30.17 0.25 0.00	26.86 0.59 0.00	32.45 0.86 0.00	33.73 0.91 0.00	34.89 0.85 0.00	37.11 0.92 0.00	42.48 0.99 0.00	56.61 0.98 0.00	54.23 0.74 0.00	47.03 0.39 0.00	33.48 0.54 0.00	32.17 0.62 0.00	29.47 0.58 0.00	31.16 0.84 0.00	31.44 0.90 0.00	28.70 0.86 0.00	22.94 0.71 0.00	21.20 0.59 0.00
NEG NORTH___PLATTSBURG 23628	31.95 0.14 0.00	30.55 -0.10 0.00	28.24 -0.23 0.00	29.99 -0.08 0.00	29.31 -0.02 0.00	26.58 -0.01 0.00	30.17 0.26 0.00	26.86 0.59 0.00	32.45 0.86 0.00	33.73 0.91 0.00	34.89 0.85 0.00	37.10 0.91 0.00	42.49 1.00 0.00	56.61 0.98 0.00	54.23 0.74 0.00	47.03 0.39 0.00	33.48 0.54 0.00	32.17 0.62 0.00	29.47 0.58 0.00	31.16 0.84 0.00	31.44 0.90 0.00	28.70 0.86 0.00	22.95 0.71 0.00	21.20 0.59 0.00
NEG WEST_LEA_LOCKPORT 23791	32.80 0.99 0.00	32.06 1.42 0.00	29.29 0.83 0.00	30.92 0.84 0.00	30.42 1.08 0.00	27.34 0.75 0.00	31.10 1.19 0.00	26.89 0.62 0.00	32.46 0.87 0.00	33.74 0.92 0.00	34.45 0.41 0.00	36.46 0.29 0.03	41.29 0.14 0.35	55.11 0.32 0.84	53.47 0.72 0.75	47.37 1.28 0.55	33.85 0.94 0.04	32.54 0.99 0.00	30.07 1.19 0.00	31.66 1.36 0.02	31.57 1.05 0.02	28.94 1.09 0.00	22.63 0.39 0.00	21.37 0.76 0.00
NEG WEST___LANCASTR 23811	32.83 1.02 0.00	32.03 1.38 0.00	29.31 0.84 0.00	30.98 0.90 0.00	30.32 0.99 0.00	27.36 0.77 0.00	31.28 1.37 0.00	27.21 0.94 0.00	32.97 1.38 0.00	34.29 1.48 0.00	35.03 0.99 0.00	37.19 1.00 0.00	42.52 1.03 0.00	57.17 1.54 0.00	55.42 1.93 0.00	48.85 2.21 0.00	34.46 1.52 0.00	33.08 1.53 0.00	30.50 1.62 0.00	32.03 1.71 0.00	31.91 1.37 0.00	29.25 1.40 0.00	22.94 0.70 0.00	21.49 0.88 0.00
NEG_PENN_ALLEGHNY 23528	32.47 0.66 0.00	31.35 0.71 0.00	29.01 0.55 0.00	30.72 0.65 0.00	29.85 0.52 0.00	27.11 0.53 0.00	30.70 0.79 0.00	26.92 0.65 0.00	32.44 0.85 0.00	33.76 0.94 0.00	34.86 0.82 0.00	37.24 1.00 -0.04	43.18 1.16 -0.52	58.49 1.60 -1.27	56.40 1.77 -1.14	49.28 1.82 -0.83	34.24 1.24 -0.06	32.73 1.18 0.00	30.02 1.14 0.00	31.46 1.11 -0.03	31.47 0.90 -0.03	28.74 0.89 0.00	22.78 0.54 0.00	21.08 0.47 0.00
NEG___GEN_MONROE 24207	32.89 1.09 0.00	32.11 1.47 0.00	29.56 1.09 0.00	31.11 1.04 0.00	30.59 1.26 0.00	27.56 0.97 0.00	31.34 1.43 0.00	27.35 1.08 0.00	33.01 1.42 0.00	34.28 1.46 0.00	35.23 1.19 0.00	37.26 1.10 0.04	42.33 1.27 0.44	56.49 1.92 1.06	54.74 2.20 0.95	48.43 2.48 0.69	34.65 1.76 0.05	33.27 1.72 0.00	30.59 1.70 0.00	32.20 1.91 0.02	32.18 1.66 0.02	29.41 1.56 0.00	23.12 0.88 0.00	21.55 0.94 0.00
NEPA___ENERGY 23901	32.87 1.07 0.00	32.00 1.36 0.00	29.34 0.88 0.00	31.14 1.07 0.00	30.19 0.86 0.00	27.42 0.83 0.00	31.48 1.57 0.00	27.42 1.15 0.00	33.18 1.58 0.00	34.47 1.65 0.00	35.27 1.23 0.00	37.68 1.48 0.00	43.06 1.56 0.00	57.86 2.23 0.00	56.17 2.68 0.00	49.42 2.78 0.00	34.80 1.86 0.00	33.34 1.79 0.00	30.69 1.80 0.00	32.19 1.87 0.00	32.03 1.49 0.00	29.39 1.54 0.00	23.01 0.77 0.00	21.41 0.80 0.00
NEVERSINK___HYD 23608	33.18 1.37 0.00	31.77 1.13 0.00	29.48 1.02 0.00	31.04 0.97 0.00	30.24 0.90 0.00	27.55 0.96 0.00	31.12 1.11 -0.09	27.41 1.14 0.00	32.74 1.33 0.17	31.31 1.50 3.01	35.86 1.68 -0.14	38.18 1.97 -0.02	43.77 2.28 0.00	57.37 1.75 0.00	55.64 2.18 0.03	40.61 2.17 8.20	34.33 1.39 0.00	32.71 1.16 0.00	29.96 1.08 0.00	31.18 0.86 0.00	31.24 0.70 0.00	29.18 1.32 0.00	23.31 1.07 0.00	21.39 0.86 0.08
NEWKRMKL_115KV_TB1 55635	32.49 0.68 0.00	31.19 0.55 0.00	29.06 0.59 0.00	30.66 0.60 0.00	29.85 0.52 0.00	27.12 0.54 0.00	30.18 0.48 0.21	26.65 0.38 0.00	32.17 0.42 -0.15	37.60 0.47 -4.32	34.25 0.53 0.32	36.76 0.62 0.05	42.32 0.82 0.00	56.89 1.26 0.00	54.76 1.22 -0.04	61.67 1.41 -13.62	33.99 1.04 0.00	32.40 0.84 0.00	29.66 0.78 0.00	31.00 0.68 0.00	30.99 0.45 0.00	28.17 0.32 0.00	22.55 0.32 0.00	21.05 0.32 -0.12
NEWTON___FALLS_HYD 23847	31.40 -0.41 0.00	30.18 -0.47 0.00	27.76 -0.71 0.00	29.46 -0.62 0.00	29.07 -0.26 0.00	26.53 -0.05 0.00	29.99 0.08 0.00	26.41 0.14 0.00	31.75 0.16 0.00	32.89 0.08 0.00	34.17 0.13 0.00	36.30 0.05 -0.06	42.17 0.00 -0.67	57.14 0.01 -1.50	54.79 -0.04 -1.34	47.12 -0.49 -0.97	32.73 -0.28 -0.07	31.45 -0.10 0.00	28.66 -0.22 0.00	30.58 0.22 -0.03	30.92 0.36 -0.03	27.93 0.08 0.00	22.08 -0.16 0.00	20.38 -0.23 0.00
NGRID_A1_DSASP 323792	32.37 0.56 0.00	31.82 1.18 0.00	29.06 0.59 0.00	30.67 0.60 0.00	30.19 0.86 0.00	27.12 0.53 0.00	30.95 1.04 0.00	26.80 0.54 0.00	32.32 0.73 0.00	33.52 0.70 0.00	34.21 0.17 0.00	36.16 0.00 0.03	40.82 -0.33 0.35	54.27 -0.51 0.84	52.62 -0.11 0.76	46.73 0.64 0.55	33.46 0.55 0.04	32.20 0.65 0.00	29.70 0.81 0.00	31.28 0.98 0.02	31.17 0.65 0.02	28.58 0.73 0.00	22.37 0.13 0.00	21.21 0.60 0.00
NGRID_A2_DSASP 323793	32.37 0.56 0.00	31.82 1.18 0.00	29.06 0.59 0.00	30.67 0.60 0.00	30.19 0.86 0.00	27.12 0.53 0.00	30.95 1.04 0.00	26.80 0.54 0.00	32.32 0.73 0.00	33.52 0.70 0.00	34.21 0.17 0.00	36.16 0.00 0.03	40.82 -0.33 0.35	54.27 -0.51 0.84	52.62 -0.11 0.76	46.73 0.64 0.55	33.46 0.55 0.04	32.20 0.65 0.00	29.70 0.81 0.00	31.28 0.98 0.02	31.17 0.65 0.02	28.58 0.73 0.00	22.37 0.13 0.00	21.21 0.60 0.00
NGRID_A4_DSASP 323807	32.37 0.56 0.00	31.81 1.17 0.00	29.06 0.59 0.00	30.67 0.60 0.00	30.19 0.86 0.00	27.12 0.54 0.00	30.95 1.04 0.00	26.80 0.54 0.00	32.32 0.72 0.00	33.52 0.70 0.00	34.21 0.17 0.00	36.17 0.00 0.03	40.89 -0.26 0.35	54.27 -0.51 0.84	52.63 -0.11 0.76	46.76 0.67 0.55	33.46 0.55 0.04	32.17 0.62 0.00	29.70 0.81 0.00	31.27 0.97 0.02	31.17 0.65 0.02	28.58 0.73 0.00	22.37 0.13 0.00	21.21 0.60 0.00
NIAGARA_115E_LBMP 323715	32.28 0.47 0.00	31.56 0.92 0.00	28.83 0.37 0.00	30.43 0.36 0.00	29.95 0.62 0.00	26.92 0.33 0.00	30.70 0.78 0.00	26.56 0.29 0.00	32.11 0.53 0.00	33.36 0.55 0.00	34.05 0.02 0.00	36.01 -0.15 0.03	40.68 -0.48 0.34	54.37 -0.44 0.82	52.75 -0.01 0.73	46.81 0.71 0.53	33.53 0.62 0.04	32.25 0.70 0.00	29.76 0.88 0.00	31.38 1.08 0.02	31.26 0.74 0.02	28.64 0.79 0.00	22.41 0.17 0.00	21.22 0.61 0.00

NIAGARA_115W_LBMP 323714	32.31 0.50 0.00	31.76 1.12 0.00	29.01 0.54 0.00	30.61 0.54 0.00	30.14 0.80 0.00	27.07 0.49 0.00	30.89 0.98 0.00	26.75 0.49 0.00	32.24 0.65 0.00	33.44 0.63 0.00	34.13 0.09 0.00	36.07 -0.10 0.03	40.70 -0.44 0.35	54.09 -0.69 0.85	52.45 -0.28 0.77	46.59 0.50 0.56	33.36 0.46 0.04	32.11 0.55 0.00	29.61 0.73 0.00	31.19 0.89 0.02	31.09 0.57 0.02	28.50 0.65 0.00	22.31 0.07 0.00	21.16 0.55 0.00
NIAGARA_230_LBMP 323716	32.39 0.59 0.00	31.72 1.07 0.00	28.99 0.52 0.00	30.59 0.52 0.00	30.10 0.77 0.00	27.05 0.47 0.00	30.86 0.95 0.00	26.74 0.48 0.00	32.35 0.76 0.00	33.62 0.80 0.00	34.31 0.27 0.00	36.28 0.12 0.03	41.06 -0.07 0.37	54.80 0.07 0.89	53.16 0.47 0.80	47.16 1.10 0.58	33.70 0.80 0.04	32.43 0.88 0.00	29.90 1.01 0.00	31.47 1.17 0.02	31.37 0.85 0.02	28.76 0.91 0.00	22.51 0.27 0.00	21.26 0.64 0.00
NIAGARA__115KV_198_GIBSON 55903	32.31 0.50 0.00	31.76 1.11 0.00	29.01 0.54 0.00	30.62 0.55 0.00	30.13 0.80 0.00	27.07 0.49 0.00	30.89 0.98 0.00	26.75 0.48 0.00	32.24 0.65 0.00	33.43 0.62 0.00	34.13 0.09 0.00	36.08 -0.08 0.03	40.77 -0.37 0.35	54.10 -0.68 0.85	52.46 -0.27 0.77	46.61 0.52 0.56	33.36 0.45 0.04	32.08 0.53 0.00	29.61 0.73 0.00	31.18 0.88 0.02	31.09 0.57 0.02	28.50 0.65 0.00	22.31 0.07 0.00	21.16 0.55 0.00
NIAGARA____ 23760	32.30 0.49 0.00	31.64 1.00 0.00	28.91 0.45 0.00	30.52 0.45 0.00	30.03 0.70 0.00	26.99 0.40 0.00	30.79 0.88 0.00	26.68 0.41 0.00	32.26 0.66 0.00	33.50 0.68 0.00	34.19 0.15 0.00	36.15 -0.02 0.03	40.84 -0.30 0.35	54.47 -0.29 0.86	52.83 0.10 0.77	46.88 0.80 0.56	33.57 0.66 0.04	32.30 0.75 0.00	29.78 0.90 0.00	31.37 1.06 0.02	31.25 0.73 0.02	28.65 0.80 0.00	22.41 0.17 0.00	21.22 0.60 0.00
NINE_MILE_1 23575	30.94 -0.86 0.00	29.94 -0.71 0.00	27.79 -0.68 0.00	29.36 -0.71 0.00	28.59 -0.74 0.00	25.85 -0.73 0.00	29.11 -0.80 0.00	25.54 -0.73 0.00	30.70 -0.89 0.00	31.92 -0.89 0.00	33.06 -0.98 0.00	34.21 -1.00 0.98	28.34 -1.14 12.02	25.05 -1.45 29.12	26.04 -1.31 26.15	26.67 -0.97 19.00	30.98 -0.70 1.27	30.92 -0.63 0.00	28.35 -0.53 0.00	29.11 -0.60 0.61	29.22 -0.70 0.61	27.22 -0.63 0.00	21.63 -0.61 0.00	20.06 -0.55 0.00
NINE_MILE_2 23744	30.94 -0.86 0.00	29.94 -0.71 0.00	27.79 -0.68 0.00	29.36 -0.71 0.00	28.60 -0.73 0.00	25.85 -0.73 0.00	29.11 -0.80 0.00	25.54 -0.73 0.00	30.70 -0.89 0.00	31.92 -0.89 0.00	33.06 -0.98 0.00	34.20 -1.00 0.99	28.16 -1.14 12.20	24.62 -1.45 29.55	25.65 -1.31 26.53	26.39 -0.97 19.28	30.96 -0.70 1.28	30.92 -0.63 0.00	28.35 -0.53 0.00	29.10 -0.60 0.62	29.21 -0.70 0.62	27.22 -0.63 0.00	21.63 -0.61 0.00	20.06 -0.55 0.00
NM_CAPITAL____DRP 24208	32.55 0.74 0.00	31.25 0.61 0.00	29.12 0.66 0.00	30.73 0.66 0.00	29.92 0.59 0.00	27.18 0.59 0.00	30.22 0.54 0.23	26.67 0.41 0.00	32.18 0.46 -0.13	37.62 0.49 -4.32	34.24 0.56 0.35	36.78 0.64 0.06	42.33 0.84 0.00	56.89 1.27 0.00	54.76 1.22 -0.05	61.99 1.44 -13.91	34.01 1.07 0.00	32.43 0.87 0.00	29.70 0.81 0.00	31.03 0.71 0.00	31.02 0.48 0.00	28.21 0.36 0.00	22.59 0.35 0.00	21.09 0.35 -0.12
NM_CENTRAL____DRP 24181	31.66 -0.14 0.00	30.63 -0.02 0.00	28.39 -0.07 0.00	30.00 -0.07 0.00	29.22 -0.11 0.00	26.45 -0.13 0.00	29.82 -0.09 0.00	26.14 -0.12 0.00	31.43 -0.16 0.00	32.70 -0.12 0.00	33.85 -0.19 0.00	36.15 -0.11 -0.06	42.18 -0.07 -0.75	57.47 0.02 -1.82	55.28 0.16 -1.63	48.20 0.38 -1.19	33.27 0.25 -0.08	31.81 0.25 0.00	29.20 0.32 0.00	30.62 0.26 -0.04	30.67 0.09 -0.04	27.94 0.09 0.00	22.15 -0.09 0.00	20.54 -0.07 0.00
NM_FRONTIER____DRP 24179	32.31 0.50 0.00	31.76 1.11 0.00	29.01 0.54 0.00	30.62 0.55 0.00	30.13 0.80 0.00	27.07 0.49 0.00	30.89 0.98 0.00	26.75 0.48 0.00	32.24 0.65 0.00	33.43 0.62 0.00	34.13 0.09 0.00	36.08 -0.08 0.03	40.77 -0.37 0.35	54.10 -0.68 0.85	52.46 -0.27 0.77	46.61 0.52 0.56	33.36 0.45 0.04	32.08 0.53 0.00	29.61 0.73 0.00	31.18 0.88 0.02	31.09 0.57 0.02	28.50 0.65 0.00	22.31 0.07 0.00	21.16 0.55 0.00
NM_ST_REGIS____HYD 24053	31.10 -0.70 0.00	29.88 -0.76 0.00	27.60 -0.86 0.00	29.27 -0.80 0.00	28.71 -0.62 0.00	26.01 -0.57 0.00	29.46 -0.45 0.00	26.01 -0.25 0.00	31.33 -0.26 0.00	32.50 -0.31 0.00	33.78 -0.26 0.00	35.80 -0.42 -0.03	41.26 -0.56 -0.32	54.73 -0.93 -0.04	52.41 -1.08 0.00	45.03 -1.61 0.00	31.86 -1.09 0.00	30.68 -0.87 0.00	27.79 -1.10 0.00	29.83 -0.49 0.00	30.27 -0.27 0.00	27.60 -0.25 0.00	22.02 -0.22 0.00	20.35 -0.26 0.00
NORTHPORT____1 23551	34.74 2.24 -0.69	32.53 1.88 0.00	30.17 1.71 0.00	31.63 1.56 0.00	30.74 1.41 0.00	28.09 1.50 0.00	31.82 1.71 -0.20	27.92 1.65 0.00	36.19 2.04 -2.56	58.87 2.12 -23.94	36.03 1.75 -0.25	34.72 1.86 3.34	38.04 2.24 5.69	48.20 2.94 10.38	49.49 3.09 7.10	51.30 3.54 -1.12	37.06 2.68 -1.44	34.08 2.29 -0.24	31.03 2.14 0.00	31.86 1.54 0.00	31.71 1.17 0.00	29.05 1.20 0.00	23.21 0.97 0.00	22.17 1.03 -0.53
NORTHPORT____2 23552	34.74 2.24 -0.69	32.53 1.88 0.00	30.17 1.71 0.00	31.63 1.56 0.00	30.74 1.41 0.00	28.09 1.50 0.00	31.82 1.71 -0.20	27.92 1.65 0.00	36.19 2.04 -2.56	58.87 2.12 -23.94	36.03 1.75 -0.25	34.72 1.86 3.34	38.04 2.24 5.69	45.46 2.94 13.12	35.82 3.09 20.76	45.71 3.54 4.46	35.20 2.68 0.43	33.99 2.29 -0.14	31.03 2.14 0.00	31.86 1.54 0.00	31.71 1.17 0.00	29.05 1.20 0.00	23.21 0.97 0.00	22.17 1.03 -0.53
NORTHPORT____3 23553	34.73 2.23 -0.69	32.50 1.85 0.00	30.15 1.68 0.00	31.62 1.55 0.00	30.73 1.40 0.00	28.07 1.48 0.00	31.82 1.70 -0.20	27.90 1.63 0.00	36.17 2.02 -2.56	58.83 2.08 -23.94	36.04 1.76 -0.25	34.70 1.84 3.33	38.02 2.22 5.69	45.45 2.94 13.12	35.88 3.14 20.76	45.68 3.50 4.46	35.23 2.72 0.43	33.11 2.32 0.76	30.86 1.98 0.00	31.72 1.40 0.00	31.58 1.04 0.00	28.95 1.10 0.00	23.14 0.89 0.00	22.14 0.99 -0.53
NORTHPORT____4 23650	34.73 2.23 -0.69	32.50 1.85 0.00	30.15 1.68 0.00	31.62 1.55 0.00	30.73 1.40 0.00	28.07 1.48 0.00	31.82 1.70 -0.20	27.90 1.63 0.00	36.17 2.02 -2.56	58.83 2.08 -23.94	36.04 1.76 -0.25	34.70 1.84 3.33	38.02 2.22 5.69	45.45 2.94 13.12	35.88 3.14 20.76	45.68 3.50 4.46	35.23 2.72 0.43	33.11 2.32 0.76	30.86 1.98 0.00	31.72 1.40 0.00	31.58 1.04 0.00	28.95 1.10 0.00	23.14 0.89 0.00	22.14 0.99 -0.53
NORTHPORT____IC 23718	34.74 2.24 -0.69	32.53 1.88 0.00	30.17 1.71 0.00	31.63 1.56 0.00	30.74 1.41 0.00	28.09 1.50 0.00	31.82 1.71 -0.20	27.92 1.65 0.00	36.19 2.04 -2.56	58.87 2.12 -23.94	36.03 1.75 -0.25	34.72 1.86 3.34	38.04 2.24 5.69	45.46 2.94 13.12	35.82 3.09 20.76	45.71 3.54 4.46	35.20 2.68 0.43	33.99 2.29 -0.14	31.03 2.14 0.00	31.86 1.54 0.00	31.71 1.17 0.00	29.05 1.20 0.00	23.21 0.97 0.00	22.17 1.03 -0.53

NORTH____COUNTRY_ESR 323785	31.51 -0.30 0.00	30.19 -0.46 0.00	27.93 -0.54 0.00	29.65 -0.43 0.00	29.01 -0.32 0.00	26.30 -0.29 0.00	29.83 -0.08 0.00	26.52 0.26 0.00	32.09 0.49 0.00	33.29 0.47 0.00	34.52 0.49 0.00	36.65 0.45 0.00	41.88 0.38 0.00	55.75 0.13 0.00	53.37 -0.13 0.00	46.25 -0.39 0.00	32.90 -0.05 0.00	31.63 0.09 0.00	28.92 0.04 0.00	30.60 0.28 0.00	30.88 0.35 0.00	28.25 0.40 0.00	22.59 0.35 0.00	20.86 0.24 0.00
NPX_GEN_1385_PROXY 323591	33.92 1.42 -0.69	31.66 1.01 0.00	29.57 1.11 0.00	31.12 1.04 0.00	30.16 0.83 0.00	27.56 0.97 0.00	31.22 1.11 -0.20	27.45 1.18 0.00	35.46 1.31 -2.56	58.04 1.29 -23.94	35.33 1.05 -0.25	34.17 1.31 3.34	37.76 1.96 5.69	47.20 2.45 10.88	46.24 2.34 9.59	49.81 3.06 -0.10	36.32 2.28 -1.10	33.54 1.77 -0.22	30.97 2.08 0.00	31.43 1.11 0.00	31.28 0.74 0.00	28.65 0.80 0.00	22.91 0.67 0.00	22.01 0.87 -0.53
NPX_GEN_CSC 323557	34.99 2.49 -0.69	32.94 2.29 0.00	30.53 2.07 0.00	31.94 1.87 0.00	31.03 1.70 0.00	28.36 1.77 0.00	32.16 2.05 -0.20	28.05 1.78 0.00	36.43 2.28 -2.56	59.20 2.44 -23.94	36.63 2.29 -0.30	38.79 2.55 -0.05	44.58 3.08 0.00	59.73 4.10 0.00	58.13 4.22 -0.41	100.72 4.27 -49.80	52.06 3.27 -15.85	42.38 2.88 -7.95	31.55 2.66 0.00	32.32 1.99 0.00	32.08 1.54 0.00	29.29 1.44 0.00	23.36 1.11 0.00	22.29 1.14 -0.53
NSINS_S_GLNS_FALLS 23858	33.53 1.72 0.00	32.16 1.51 0.00	29.85 1.38 0.00	31.55 1.48 0.00	30.69 1.36 0.00	27.88 1.29 0.00	31.11 1.43 0.23	27.50 1.24 0.00	33.16 1.46 -0.10	38.41 1.55 -4.05	35.28 1.60 0.36	37.96 1.83 0.06	43.51 2.01 0.00	58.56 2.94 0.00	56.31 2.77 -0.04	63.00 3.16 -13.20	35.30 2.35 0.00	33.62 2.06 0.00	31.01 2.13 0.00	32.32 2.00 0.00	32.28 1.74 0.00	29.37 1.52 0.00	23.44 1.21 0.00	21.84 1.11 -0.12
NUCOR_STEEL____DRP 24197	32.18 0.37 0.00	31.10 0.45 0.00	28.83 0.36 0.00	30.48 0.41 0.00	29.67 0.34 0.00	26.99 0.40 0.00	30.54 0.62 0.00	26.80 0.53 0.00	32.20 0.61 0.00	33.51 0.69 0.00	34.52 0.48 0.00	37.05 0.73 -0.13	44.06 0.99 -1.58	60.60 1.15 -3.82	58.19 1.27 -3.43	50.73 1.60 -2.49	34.08 0.97 -0.16	32.64 1.09 0.00	29.97 1.08 0.00	31.36 0.96 -0.08	31.51 0.89 -0.08	28.69 0.84 0.00	22.62 0.38 0.00	20.94 0.33 0.00
NUMBER_THREE_WT_PWR 323818	31.88 0.07 0.00	30.63 -0.02 0.00	28.03 -0.43 0.00	29.79 -0.29 0.00	29.58 0.24 0.00	27.24 0.66 0.00	30.74 0.82 0.00	27.04 0.77 0.00	32.49 0.90 0.00	33.63 0.81 0.00	34.93 0.89 0.00	37.23 0.97 -0.07	43.43 1.08 -0.86	59.03 1.58 -1.82	56.64 1.52 -1.62	48.93 1.11 -1.18	33.94 0.92 -0.08	32.58 1.03 0.00	29.90 1.02 0.00	31.59 1.23 -0.04	31.81 1.23 -0.04	28.54 0.69 0.00	22.39 0.15 0.00	20.63 0.02 0.00
NYISO_LBMP_REFERENCE 24008	31.81 0.00 0.00	30.64 0.00 0.00	28.46 0.00 0.00	30.07 0.00 0.00	29.33 0.00 0.00	26.58 0.00 0.00	29.91 0.00 0.00	26.27 0.00 0.00	31.59 0.00 0.00	32.82 0.00 0.00	34.04 0.00 0.00	36.19 0.00 0.00	41.49 0.00 0.00	55.63 0.00 0.00	53.49 0.00 0.00	46.64 0.00 0.00	32.94 0.00 0.00	31.55 0.00 0.00	28.88 0.00 0.00	30.32 0.00 0.00	30.54 0.00 0.00	27.85 0.00 0.00	22.24 0.00 0.00	20.61 0.00 0.00
NYPA_BRENTWD____GT 24164	35.34 2.85 -0.69	33.11 2.47 0.00	30.68 2.21 0.00	32.14 2.07 0.00	31.24 1.91 0.00	28.54 1.96 0.00	32.35 2.24 -0.20	28.39 2.12 0.00	36.82 2.67 -2.56	59.55 2.80 -23.94	36.92 2.58 -0.30	38.91 2.67 -0.05	44.66 3.16 0.00	59.77 4.14 0.00	57.82 4.13 -0.20	99.88 4.32 -48.93	40.25 3.24 -4.07	35.99 2.80 -1.64	31.40 2.52 0.00	32.25 1.93 0.00	32.17 1.63 0.00	29.44 1.59 0.00	23.50 1.26 0.00	22.42 1.28 -0.53
NYPA_GOWANUS____GT5 24156	33.86 2.06 0.00	32.39 1.74 0.00	30.06 1.59 0.00	31.55 1.48 0.00	30.75 1.42 0.00	28.10 1.52 0.00	31.85 1.74 -0.20	28.05 1.78 0.00	36.19 2.02 -2.57	59.14 2.20 -24.12	36.74 2.37 -0.33	39.72 2.62 -0.91	44.47 3.08 0.10	59.78 4.15 0.00	57.93 4.28 -0.15	99.22 4.01 -48.57	35.66 2.72 0.00	33.94 2.39 0.00	31.25 2.37 0.00	32.44 2.12 0.00	32.33 1.79 0.00	29.64 1.78 0.00	23.78 1.54 0.00	22.44 1.29 -0.54
NYPA_GOWANUS____GT6 24157	33.86 2.06 0.00	32.39 1.74 0.00	30.06 1.59 0.00	31.55 1.48 0.00	30.75 1.42 0.00	28.10 1.52 0.00	31.85 1.74 -0.20	28.05 1.78 0.00	36.19 2.02 -2.57	59.14 2.20 -24.12	36.74 2.37 -0.33	39.72 2.62 -0.91	44.47 3.08 0.10	59.78 4.15 0.00	57.93 4.28 -0.15	99.22 4.01 -48.57	35.66 2.72 0.00	33.94 2.39 0.00	31.25 2.37 0.00	32.44 2.12 0.00	32.33 1.79 0.00	29.64 1.78 0.00	23.78 1.54 0.00	22.44 1.29 -0.54
NYPA_HARLEM_RVR_GT1 24160	33.67 1.87 0.00	32.18 1.53 0.00	29.86 1.40 0.00	31.39 1.31 0.00	30.59 1.26 0.00	27.98 1.39 0.00	31.70 1.59 -0.20	27.91 1.64 0.00	36.00 1.83 -2.57	58.91 1.97 -24.12	36.39 2.06 -0.30	38.50 2.26 -0.05	44.25 2.76 0.00	59.38 3.76 0.00	57.60 3.95 -0.15	99.08 3.87 -48.57	35.54 2.60 0.00	33.81 2.26 0.00	31.05 2.16 0.00	32.20 1.88 0.00	32.11 1.57 0.00	29.40 1.55 0.00	23.68 1.44 0.00	22.30 1.16 -0.54
NYPA_HARLEM_RVR_GT2 24161	33.67 1.87 0.00	32.18 1.53 0.00	29.86 1.40 0.00	31.39 1.31 0.00	30.59 1.26 0.00	27.98 1.39 0.00	31.70 1.59 -0.20	27.91 1.64 0.00	36.00 1.83 -2.57	58.91 1.97 -24.12	36.39 2.06 -0.30	38.50 2.26 -0.05	44.25 2.76 0.00	59.38 3.76 0.00	57.60 3.95 -0.15	99.08 3.87 -48.57	35.54 2.60 0.00	33.81 2.26 0.00	31.05 2.16 0.00	32.20 1.88 0.00	32.11 1.57 0.00	29.40 1.55 0.00	23.68 1.44 0.00	22.30 1.16 -0.54
NYPA_KENT____GT 24152	33.82 2.01 0.00	32.34 1.70 0.00	30.02 1.56 0.00	31.53 1.46 0.00	30.72 1.39 0.00	28.08 1.49 0.00	31.83 1.72 -0.20	28.03 1.76 0.00	36.18 2.01 -2.57	59.13 2.19 -24.12	36.67 2.34 -0.30	38.79 2.55 -0.05	44.49 2.99 0.00	59.64 4.01 0.00	57.80 4.15 -0.15	99.17 3.96 -48.57	35.62 2.67 0.00	33.90 2.35 0.00	31.19 2.31 0.00	32.38 2.06 0.00	32.27 1.73 0.00	29.58 1.73 0.00	23.75 1.50 0.00	22.41 1.26 -0.54
NYPA_POUCH1____GT 24155	33.75 1.98 0.04	32.36 1.72 0.00	30.07 1.60 0.00	31.50 1.42 0.00	30.72 1.39 0.00	28.08 1.49 0.00	31.80 1.69 -0.20	28.02 1.75 0.00	35.88 1.93 -2.35	57.31 2.11 -22.39	36.44 2.27 -0.14	38.05 2.51 0.64	38.30 2.90 6.10	37.24 3.90 22.28	36.28 4.05 21.26	40.62 3.80 9.82	35.41 2.58 0.11	33.81 2.26 0.01	31.19 2.30 0.00	32.34 2.02 0.00	32.24 1.70 0.00	29.58 1.73 0.00	23.76 1.52 0.00	22.44 1.29 -0.54
NYPA_VERNON____GT2 24162	33.75 1.95 0.00	32.28 1.64 0.00	29.96 1.50 0.00	31.49 1.42 0.00	30.69 1.36 0.00	28.03 1.45 0.00	31.79 1.68 -0.20	28.00 1.73 0.00	36.15 1.99 -2.57	59.09 2.15 -24.12	36.61 2.27 -0.30	38.71 2.47 -0.05	44.42 2.93 0.00	59.57 3.95 0.00	57.72 4.07 -0.15	99.17 3.96 -48.57	35.61 2.67 0.00	33.89 2.33 0.00	31.16 2.28 0.00	32.34 2.02 0.00	32.23 1.69 0.00	29.52 1.66 0.00	23.70 1.46 0.00	22.36 1.21 -0.54

NYPY_VERNON____GT3 24163	33.75 1.95 0.00	32.28 1.64 0.00	29.96 1.50 0.00	31.49 1.42 0.00	30.69 1.36 0.00	28.03 1.45 0.00	31.79 1.68 -0.20	28.00 1.73 0.00	36.15 1.99 -2.57	59.09 2.15 -24.12	36.61 2.27 -0.30	38.71 2.47 -0.05	44.42 2.93 0.00	59.57 3.95 0.00	57.72 4.07 -0.15	99.17 3.96 -48.57	35.61 2.67 0.00	33.89 2.33 0.00	31.16 2.28 0.00	32.34 2.02 0.00	32.23 1.69 0.00	29.52 1.66 0.00	23.70 1.46 0.00	22.36 1.21 -0.54
NYPY____ASTORIA_CC1 323568	33.71 1.90 0.00	32.23 1.58 0.00	29.92 1.45 0.00	31.44 1.37 0.00	30.63 1.30 0.00	27.99 1.41 0.00	31.74 1.63 -0.20	27.95 1.69 0.00	36.09 1.92 -2.57	59.03 2.09 -24.12	36.54 2.20 -0.30	38.64 2.40 -0.05	44.35 2.85 0.00	59.46 3.83 0.00	57.61 3.96 -0.15	99.08 3.87 -48.57	35.55 2.61 0.00	33.84 2.29 0.00	31.11 2.23 0.00	32.28 1.96 0.00	32.17 1.63 0.00	29.47 1.62 0.00	23.65 1.41 0.00	22.32 1.17 -0.54
NYPY____ASTORIA_CC2 323569	33.71 1.90 0.00	32.23 1.58 0.00	29.92 1.45 0.00	31.44 1.37 0.00	30.63 1.30 0.00	27.99 1.41 0.00	31.74 1.63 -0.20	27.95 1.69 0.00	36.09 1.92 -2.57	59.03 2.09 -24.12	36.54 2.20 -0.30	38.64 2.40 -0.05	44.35 2.85 0.00	59.46 3.83 0.00	57.61 3.96 -0.15	99.08 3.87 -48.57	35.55 2.61 0.00	33.84 2.29 0.00	31.11 2.23 0.00	32.28 1.96 0.00	32.17 1.63 0.00	29.47 1.62 0.00	23.65 1.41 0.00	22.32 1.17 -0.54
NYPY____HOLTSVILL 23794	35.13 2.63 -0.69	32.94 2.29 0.00	30.54 2.07 0.00	31.98 1.91 0.00	31.08 1.75 0.00	28.40 1.82 0.00	32.19 2.08 -0.20	28.19 1.92 0.00	36.57 2.42 -2.56	59.30 2.55 -23.94	36.69 2.35 -0.30	38.78 2.54 -0.05	44.52 3.02 0.00	59.59 3.97 0.00	57.96 4.06 -0.40	100.73 4.33 -49.75	51.78 3.28 -15.56	42.22 2.87 -7.80	31.48 2.60 0.00	32.29 1.97 0.00	32.11 1.57 0.00	29.36 1.51 0.00	23.44 1.20 0.00	22.38 1.24 -0.53
NYPY____HELLGATE_GT1 24158	33.67 1.87 0.00	32.18 1.53 0.00	29.86 1.40 0.00	31.39 1.31 0.00	30.59 1.26 0.00	27.98 1.39 0.00	31.70 1.59 -0.20	27.91 1.64 0.00	36.00 1.83 -2.57	58.91 1.97 -24.12	36.39 2.06 -0.30	38.50 2.26 -0.05	44.25 2.76 0.00	59.38 3.76 0.00	57.60 3.95 -0.15	99.08 3.87 -48.57	35.54 2.60 0.00	33.81 2.26 0.00	31.05 2.16 0.00	32.20 1.88 0.00	32.11 1.57 0.00	29.40 1.55 0.00	23.68 1.44 0.00	22.30 1.16 -0.54
NYPY____HELLGATE_GT2 24159	33.67 1.87 0.00	32.18 1.53 0.00	29.86 1.40 0.00	31.39 1.31 0.00	30.59 1.26 0.00	27.98 1.39 0.00	31.70 1.59 -0.20	27.91 1.64 0.00	36.00 1.83 -2.57	58.91 1.97 -24.12	36.39 2.06 -0.30	38.50 2.26 -0.05	44.25 2.76 0.00	59.38 3.76 0.00	57.60 3.95 -0.15	99.08 3.87 -48.57	35.54 2.60 0.00	33.81 2.26 0.00	31.05 2.16 0.00	32.20 1.88 0.00	32.11 1.57 0.00	29.40 1.55 0.00	23.68 1.44 0.00	22.30 1.16 -0.54
NYS_BARGE____HYD 23848	32.81 1.01 0.00	32.08 1.44 0.00	29.30 0.83 0.00	30.92 0.85 0.00	30.42 1.09 0.00	27.35 0.77 0.00	31.15 1.24 0.00	26.96 0.69 0.00	32.57 0.98 0.00	33.84 1.03 0.00	34.57 0.53 0.00	36.58 0.42 0.03	41.36 0.21 0.35	55.29 0.51 0.85	53.63 0.90 0.76	47.53 1.44 0.55	33.99 1.08 0.04	32.71 1.15 0.00	30.20 1.32 0.00	31.82 1.52 0.02	31.70 1.18 0.02	29.06 1.21 0.00	22.73 0.49 0.00	21.46 0.85 0.00
OAK ORCHARD____HYD 24046	32.67 0.87 0.00	31.78 1.13 0.00	29.21 0.75 0.00	30.82 0.75 0.00	30.21 0.88 0.00	27.25 0.67 0.00	30.96 1.05 0.00	27.02 0.75 0.00	32.68 1.08 0.00	34.01 1.19 0.00	34.90 0.86 0.00	37.01 0.85 0.04	41.97 0.91 0.44	56.06 1.51 1.07	54.31 1.77 0.96	48.04 2.10 0.70	34.40 1.50 0.05	33.06 1.50 0.00	30.37 1.49 0.00	31.93 1.63 0.02	31.89 1.37 0.02	29.15 1.30 0.00	22.91 0.67 0.00	21.40 0.79 0.00
OAKDALE__35_KV_LOAD 356122	32.33 0.52 0.00	31.22 0.58 0.00	28.90 0.44 0.00	30.60 0.53 0.00	29.74 0.41 0.00	27.01 0.42 0.00	30.56 0.65 0.00	26.80 0.53 0.00	32.29 0.70 0.00	33.59 0.77 0.00	34.69 0.65 0.00	37.05 0.82 -0.04	42.96 0.97 -0.50	58.15 1.31 -1.22	56.06 1.47 -1.09	48.99 1.56 -0.79	34.05 1.06 -0.05	32.55 1.00 0.00	29.86 0.98 0.00	31.29 0.94 -0.03	31.29 0.73 -0.03	28.59 0.74 0.00	22.66 0.42 0.00	20.98 0.37 0.00
OCC_CHEM____DRP 24175	32.37 0.56 0.00	31.81 1.17 0.00	29.06 0.59 0.00	30.67 0.60 0.00	30.19 0.86 0.00	27.12 0.54 0.00	30.95 1.04 0.00	26.80 0.54 0.00	32.32 0.72 0.00	33.52 0.70 0.00	34.21 0.17 0.00	36.17 0.00 0.03	40.89 -0.26 0.35	54.27 -0.51 0.84	52.63 -0.11 0.76	46.76 0.67 0.55	33.46 0.55 0.04	32.17 0.62 0.00	29.70 0.81 0.00	31.27 0.97 0.02	31.17 0.65 0.02	28.58 0.73 0.00	22.37 0.13 0.00	21.21 0.60 0.00
OH_GEN_PROXY 24063	32.37 0.57 0.00	31.69 1.04 0.00	28.97 0.51 0.00	30.58 0.51 0.00	30.08 0.75 0.00	27.04 0.46 0.00	30.85 0.94 0.00	26.76 0.49 0.00	32.38 0.79 0.00	33.65 0.83 0.00	34.35 0.31 0.00	36.32 0.16 0.03	41.11 -0.01 0.37	54.90 0.17 0.89	53.26 0.57 0.80	47.23 1.18 0.58	33.74 0.84 0.04	32.47 0.92 0.00	29.92 1.04 0.00	31.48 1.18 0.02	31.38 0.86 0.02	28.77 0.91 0.00	22.53 0.29 0.00	21.25 0.64 0.00
OLIN_CORP_DRP 24177	32.32 0.51 0.00	31.60 0.96 0.00	28.87 0.40 0.00	30.47 0.40 0.00	29.99 0.66 0.00	26.96 0.38 0.00	30.75 0.84 0.00	26.61 0.34 0.00	32.18 0.59 0.00	33.42 0.61 0.00	34.13 0.09 0.00	36.09 -0.07 0.03	40.85 -0.31 0.33	54.53 -0.30 0.80	52.91 0.14 0.72	46.95 0.84 0.52	33.60 0.69 0.04	32.29 0.74 0.00	29.82 0.94 0.00	31.41 1.11 0.02	31.32 0.79 0.02	28.70 0.85 0.00	22.45 0.21 0.00	21.25 0.64 0.00
OLIN_CORP_DSASP 323712	32.37 0.56 0.00	31.82 1.18 0.00	29.06 0.59 0.00	30.67 0.60 0.00	30.19 0.86 0.00	27.12 0.53 0.00	30.95 1.04 0.00	26.80 0.54 0.00	32.32 0.73 0.00	33.52 0.70 0.00	34.21 0.17 0.00	36.16 0.00 0.03	40.82 -0.33 0.35	54.27 -0.51 0.84	52.62 -0.11 0.76	46.73 0.64 0.55	33.46 0.55 0.04	32.20 0.65 0.00	29.70 0.81 0.00	31.28 0.98 0.02	31.17 0.65 0.02	28.58 0.73 0.00	22.37 0.13 0.00	21.21 0.60 0.00
ONEIDA_HERK_LFGE 323681	32.34 0.53 0.00	31.08 0.44 0.00	28.68 0.21 0.00	30.38 0.31 0.00	29.85 0.52 0.00	27.33 0.74 0.00	30.81 0.90 0.00	27.09 0.82 0.00	32.59 1.00 0.00	33.83 1.02 0.00	35.14 1.11 0.00	37.48 1.25 -0.03	43.49 1.58 -0.41	58.87 2.13 -1.11	56.53 2.04 -1.01	48.98 1.61 -0.73	34.18 1.19 -0.05	32.79 1.24 0.00	30.09 1.20 0.00	31.64 1.30 -0.02	31.78 1.22 -0.02	28.70 0.85 0.00	22.68 0.44 0.00	20.93 0.32 0.00
ONEIDA____115KV_TB4 55905	32.68 0.87 0.00	31.46 0.81 0.00	29.11 0.65 0.00	30.81 0.74 0.00	30.13 0.80 0.00	27.43 0.85 0.00	30.96 1.05 0.00	27.18 0.92 0.00	32.70 1.11 0.00	33.94 1.12 0.00	35.20 1.17 0.00	37.61 1.38 -0.04	43.74 1.75 -0.49	59.35 2.49 -1.23	57.04 2.43 -1.11	49.52 2.07 -0.81	34.47 1.47 -0.05	33.04 1.49 0.00	30.34 1.46 0.00	31.84 1.49 -0.03	31.96 1.39 -0.03	29.00 1.15 0.00	22.97 0.73 0.00	21.21 0.60 0.00

ONONDAGA_REF_OCCRA 23987	31.87 0.06 0.00	30.81 0.16 0.00	28.56 0.09 0.00	30.19 0.12 0.00	29.40 0.07 0.00	26.63 0.04 0.00	30.03 0.12 0.00	26.34 0.07 0.00	31.67 0.07 0.00	32.94 0.12 0.00	34.10 0.06 0.00	36.45 0.17 -0.08	42.75 0.28 -0.97	58.45 0.47 -2.36	56.19 0.58 -2.11	48.91 0.74 -1.54	33.54 0.49 -0.10	32.06 0.50 0.00	29.43 0.55 0.00	30.88 0.51 -0.05	30.93 0.34 -0.05	28.17 0.32 0.00	22.33 0.09 0.00	20.68 0.07 0.00
ONONDAGA___COGEN 23986	31.81 0.00 0.00	30.75 0.10 0.00	28.52 0.05 0.00	30.14 0.07 0.00	29.36 0.03 0.00	26.60 0.02 0.00	30.00 0.09 0.00	26.32 0.05 0.00	31.65 0.06 0.00	32.92 0.10 0.00	34.08 0.04 0.00	36.50 0.17 -0.13	43.40 0.26 -1.64	60.02 0.43 -3.97	57.60 0.55 -3.56	49.94 0.71 -2.59	33.57 0.46 -0.17	32.02 0.47 0.00	29.41 0.52 0.00	30.86 0.46 -0.08	30.93 0.31 -0.08	28.14 0.29 0.00	22.29 0.06 0.00	20.65 0.04 0.00
ONTARIO___LFGE 23819	32.54 0.73 0.00	31.54 0.90 0.00	29.12 0.66 0.00	30.80 0.73 0.00	30.01 0.68 0.00	27.27 0.68 0.00	30.95 1.04 0.00	27.16 0.89 0.00	32.64 1.05 0.00	33.98 1.17 0.00	35.04 1.00 0.00	37.41 1.22 0.00	42.90 1.40 0.00	57.62 2.00 0.00	55.74 2.24 0.00	48.86 2.22 0.00	34.49 1.55 0.00	33.11 1.56 0.00	30.43 1.55 0.00	31.90 1.58 0.00	31.86 1.32 0.00	29.11 1.26 0.00	22.99 0.76 0.00	21.30 0.69 0.00
ORANGEVILLE_WT_PWR 323706	32.85 1.04 0.00	32.07 1.42 0.00	29.35 0.88 0.00	31.06 0.98 0.00	30.40 1.07 0.00	27.46 0.88 0.00	31.36 1.45 0.00	27.29 1.02 0.00	32.99 1.40 0.00	34.32 1.50 0.00	35.12 1.08 0.00	37.32 1.12 0.00	42.58 1.09 0.00	57.29 1.66 0.00	55.51 2.01 0.00	48.85 2.22 0.00	34.47 1.52 0.00	33.12 1.57 0.00	30.50 1.61 0.00	32.07 1.75 0.00	31.93 1.39 0.00	29.23 1.38 0.00	22.91 0.67 0.00	21.42 0.81 0.00
ORANGEVILLE___ESR 323794	32.85 1.04 0.00	32.07 1.42 0.00	29.35 0.88 0.00	31.06 0.98 0.00	30.40 1.07 0.00	27.46 0.88 0.00	31.36 1.45 0.00	27.29 1.02 0.00	32.99 1.40 0.00	34.32 1.50 0.00	35.12 1.08 0.00	37.32 1.12 0.00	42.58 1.09 0.00	57.29 1.66 0.00	55.51 2.01 0.00	48.85 2.22 0.00	34.47 1.52 0.00	33.12 1.57 0.00	30.50 1.61 0.00	32.07 1.75 0.00	31.93 1.39 0.00	29.23 1.38 0.00	22.91 0.67 0.00	21.42 0.81 0.00
OSWEGATCHIE___HYD 24044	31.40 -0.41 0.00	30.18 -0.47 0.00	27.76 -0.71 0.00	29.46 -0.62 0.00	29.07 -0.26 0.00	26.53 -0.05 0.00	29.99 0.08 0.00	26.41 0.14 0.00	31.75 0.16 0.00	32.89 0.08 0.00	34.17 0.13 0.00	36.31 0.06 -0.06	42.19 0.02 -0.67	57.14 0.01 -1.50	54.79 -0.04 -1.34	47.12 -0.49 -0.97	32.73 -0.28 -0.07	31.45 -0.10 0.00	28.66 -0.23 0.00	30.57 0.22 -0.03	30.92 0.36 -0.03	27.93 0.08 0.00	22.08 -0.16 0.00	20.38 -0.23 0.00
OSWEGO___5 23606	31.28 -0.53 0.00	30.25 -0.39 0.00	28.06 -0.40 0.00	29.66 -0.41 0.00	28.89 -0.44 0.00	26.14 -0.44 0.00	29.45 -0.46 0.00	25.84 -0.43 0.00	31.06 -0.53 0.00	32.30 -0.52 0.00	33.43 -0.61 0.00	36.22 -0.60 -0.63	48.59 -0.65 -7.75	73.58 -0.81 -18.77	69.65 -0.69 -16.85	58.48 -0.40 -12.24	33.46 -0.30 -0.81	31.29 -0.25 0.00	28.71 -0.18 0.00	30.50 -0.22 -0.40	30.59 -0.34 -0.39	27.55 -0.30 0.00	21.87 -0.37 0.00	20.28 -0.33 0.00
OSWEGO___6 23613	31.28 -0.53 0.00	30.25 -0.39 0.00	28.06 -0.40 0.00	29.66 -0.41 0.00	28.89 -0.44 0.00	26.14 -0.44 0.00	29.45 -0.46 0.00	25.84 -0.43 0.00	31.06 -0.53 0.00	32.30 -0.52 0.00	33.43 -0.61 0.00	36.22 -0.60 -0.63	48.59 -0.65 -7.75	73.58 -0.81 -18.77	69.65 -0.69 -16.85	58.48 -0.40 -12.24	33.46 -0.30 -0.81	31.29 -0.25 0.00	28.71 -0.18 0.00	30.50 -0.22 -0.40	30.59 -0.34 -0.39	27.55 -0.30 0.00	21.87 -0.37 0.00	20.28 -0.33 0.00
OUTOKUMPU-AB___DRP 24206	33.09 1.29 0.00	32.40 1.76 0.00	29.59 1.13 0.00	31.25 1.18 0.00	30.72 1.39 0.00	27.63 1.04 0.00	31.53 1.62 0.00	27.34 1.08 0.00	33.05 1.45 0.00	34.34 1.53 0.00	35.11 1.07 0.00	37.18 1.01 0.03	42.05 0.87 0.32	56.03 1.18 0.78	54.33 1.53 0.70	48.09 1.96 0.51	34.34 1.43 0.03	33.04 1.49 0.00	30.52 1.63 0.00	32.09 1.79 0.02	31.98 1.46 0.02	29.36 1.51 0.00	22.99 0.75 0.00	21.69 1.08 0.00
OXBOW____ 24026	32.83 1.03 0.00	32.22 1.57 0.00	29.41 0.95 0.00	31.06 0.99 0.00	30.54 1.21 0.00	27.46 0.87 0.00	31.34 1.43 0.00	27.17 0.90 0.00	32.79 1.20 0.00	34.05 1.23 0.00	34.79 0.75 0.00	36.81 0.64 0.03	41.57 0.40 0.33	55.38 0.57 0.81	53.69 0.93 0.73	47.60 1.49 0.53	34.03 1.12 0.04	32.76 1.21 0.00	30.23 1.35 0.00	31.82 1.52 0.02	31.70 1.18 0.02	29.08 1.23 0.00	22.76 0.52 0.00	21.52 0.91 0.00
OXY_CHEM_DSASP 323612	32.37 0.56 0.00	31.81 1.17 0.00	29.06 0.59 0.00	30.67 0.60 0.00	30.19 0.86 0.00	27.12 0.54 0.00	30.95 1.04 0.00	26.80 0.54 0.00	32.32 0.72 0.00	33.52 0.70 0.00	34.21 0.17 0.00	36.17 0.00 0.03	40.89 -0.26 0.35	54.27 -0.51 0.84	52.63 -0.11 0.76	46.76 0.67 0.55	33.46 0.55 0.04	32.17 0.62 0.00	29.70 0.81 0.00	31.27 0.97 0.02	31.17 0.65 0.02	28.58 0.73 0.00	22.37 0.13 0.00	21.21 0.60 0.00
OZONE_PARK_ESR 323760	34.13 2.33 0.00	32.64 2.00 0.00	30.29 1.83 0.00	31.84 1.77 0.00	31.01 1.68 0.00	28.31 1.72 0.00	32.13 2.02 -0.20	28.28 2.02 0.00	36.51 2.35 -2.57	59.49 2.55 -24.13	37.09 2.75 -0.30	39.25 3.01 -0.05	45.09 3.60 0.00	60.56 4.93 0.00	58.65 5.01 -0.15	100.05 4.83 -48.58	36.18 3.24 0.00	34.45 2.90 0.00	31.63 2.75 0.00	32.82 2.50 0.00	32.69 2.15 0.00	29.89 2.04 0.00	23.97 1.72 0.00	22.61 1.47 -0.54
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	32.37 0.56 0.00	31.81 1.17 0.00	29.06 0.59 0.00	30.67 0.60 0.00	30.19 0.86 0.00	27.12 0.54 0.00	30.95 1.04 0.00	26.80 0.54 0.00	32.32 0.72 0.00	33.52 0.70 0.00	34.21 0.17 0.00	36.17 0.00 0.03	40.89 -0.26 0.35	54.27 -0.51 0.84	52.63 -0.11 0.76	46.76 0.67 0.55	33.46 0.55 0.04	32.17 0.62 0.00	29.70 0.81 0.00	31.27 0.97 0.02	31.17 0.65 0.02	28.58 0.73 0.00	22.37 0.13 0.00	21.21 0.60 0.00
PACKARD___115KV_DUPONT_184 80571	32.37 0.56 0.00	31.81 1.17 0.00	29.06 0.59 0.00	30.67 0.60 0.00	30.19 0.86 0.00	27.12 0.54 0.00	30.95 1.04 0.00	26.80 0.54 0.00	32.32 0.72 0.00	33.52 0.70 0.00	34.21 0.17 0.00	36.17 0.00 0.03	40.89 -0.26 0.35	54.27 -0.51 0.84	52.63 -0.11 0.76	46.76 0.67 0.55	33.46 0.55 0.04	32.17 0.62 0.00	29.70 0.81 0.00	31.27 0.97 0.02	31.17 0.65 0.02	28.58 0.73 0.00	22.37 0.13 0.00	21.21 0.60 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	33.67 1.87 0.00	32.21 1.56 0.00	29.88 1.42 0.00	31.42 1.35 0.00	30.62 1.29 0.00	28.00 1.41 0.00	31.72 1.61 -0.20	27.90 1.64 0.00	35.99 1.82 -2.57	58.90 1.96 -24.12	36.42 2.08 -0.30	38.56 2.31 -0.05	44.30 2.80 0.00	59.44 3.81 -0.15	57.65 4.00 -0.15	99.13 3.92 -48.57	35.59 2.64 0.00	33.87 2.32 0.00	31.09 2.21 0.00	32.25 1.93 0.00	32.15 1.61 0.00	29.43 1.58 0.00	23.64 1.39 0.00	22.27 1.12 -0.54

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.92 2.11 0.00	32.44 1.79 0.00	30.07 1.61 0.00	31.63 1.55 0.00	30.82 1.49 0.00	28.18 1.59 0.00	31.92 1.81 -0.20	28.06 1.79 0.00	36.16 1.99 -2.57	59.09 2.15 -24.12	36.72 2.38 -0.30	38.96 2.73 -0.05	44.85 3.35 0.00	60.21 4.59 0.00	58.43 4.78 -0.15	99.58 4.37 -48.57	35.75 2.81 0.00	33.97 2.42 0.00	31.20 2.32 0.00	32.35 2.03 0.00	32.25 1.71 0.00	29.53 1.68 0.00	23.72 1.48 0.00	22.33 1.18 -0.54
PATROON__115KV_TB1 80586	32.60 0.79 0.00	31.29 0.65 0.00	29.14 0.68 0.00	30.76 0.69 0.00	29.95 0.62 0.00	27.21 0.62 0.00	30.28 0.59 0.22	26.74 0.47 0.00	32.28 0.54 -0.15	37.69 0.58 -4.29	34.38 0.67 0.33	36.91 0.77 0.05	42.50 1.00 0.00	57.14 1.51 0.00	55.00 1.46 -0.04	61.88 1.62 -13.62	34.12 1.18 0.00	32.53 0.99 0.00	29.78 0.90 0.00	31.12 0.80 0.00	31.10 0.57 0.00	28.28 0.43 0.00	22.63 0.40 0.00	21.12 0.39 -0.12
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	33.05 1.25 0.00	32.25 1.61 0.00	29.48 1.02 0.00	31.16 1.09 0.00	30.52 1.19 0.00	27.52 0.93 0.00	31.47 1.56 0.00	27.36 1.09 0.00	33.15 1.56 0.00	34.50 1.69 0.00	35.27 1.23 0.00	37.45 1.26 0.00	42.82 1.33 0.00	57.64 2.01 0.00	55.87 2.38 0.00	49.26 2.62 0.00	34.75 1.81 0.00	33.37 1.82 0.00	30.80 1.91 0.00	32.34 2.02 0.00	32.20 1.67 0.00	29.50 1.65 0.00	23.10 0.86 0.00	21.66 1.05 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	33.78 1.98 0.00	32.33 1.68 0.00	30.02 1.56 0.00	31.58 1.51 0.00	30.75 1.42 0.00	28.04 1.46 0.00	31.77 1.68 -0.17	27.93 1.66 0.00	34.65 1.94 -1.11	44.31 2.14 -9.36	36.66 2.36 -0.25	38.87 2.64 -0.04	44.73 3.24 0.00	60.11 4.49 0.00	58.18 4.60 -0.08	76.53 4.44 -25.45	35.94 2.99 0.00	34.17 2.62 0.00	31.31 2.43 0.00	32.51 2.18 0.00	32.40 1.86 0.00	29.56 1.71 0.00	23.66 1.41 0.00	22.01 1.20 -0.20
PEEKSKILL____ 23653	33.36 1.55 0.00	31.93 1.28 0.00	29.66 1.20 0.00	31.21 1.14 0.00	30.40 1.07 0.00	27.74 1.15 0.00	31.44 1.34 -0.19	27.61 1.33 0.00	36.06 1.53 -2.94	62.40 1.67 -27.91	36.19 1.86 -0.29	38.32 2.08 -0.05	44.03 2.54 0.00	59.07 3.44 0.00	57.21 3.55 -0.16	137.27 3.57 -87.06	35.37 2.43 0.00	33.66 2.11 0.00	30.89 2.01 0.00	32.08 1.75 0.00	31.96 1.42 0.00	29.19 1.34 0.00	23.39 1.14 0.00	22.20 0.96 -0.62
PGE MADISON__WINDPWR 24146	34.27 2.46 0.00	32.98 2.34 0.00	30.46 2.00 0.00	32.26 2.19 0.00	31.52 2.19 0.00	28.70 2.11 0.00	32.66 2.75 0.00	28.68 2.42 0.00	34.53 2.93 0.00	35.80 2.99 0.00	37.11 3.07 0.00	39.62 3.38 -0.05	46.25 4.17 -0.58	62.68 5.64 -1.41	60.29 5.53 -1.27	52.76 5.20 -0.92	36.55 3.54 -0.06	35.22 3.67 0.00	32.30 3.42 0.00	33.90 3.55 -0.03	33.83 3.26 -0.03	30.81 2.95 0.00	24.29 2.05 0.00	22.36 1.76 0.00
PIERCEFIELD__HYD 23852	30.88 -0.92 0.00	29.69 -0.96 0.00	27.41 -1.06 0.00	29.07 -1.01 0.00	28.53 -0.80 0.00	25.84 -0.75 0.00	29.26 -0.66 0.00	25.79 -0.48 0.00	31.02 -0.58 0.00	32.17 -0.65 0.00	33.45 -0.60 0.00	35.42 -0.80 -0.03	40.87 -0.97 -0.35	54.97 -1.44 -0.79	52.65 -1.55 -0.70	45.05 -2.10 -0.51	31.51 -1.47 -0.03	30.31 -1.24 0.00	27.38 -1.51 0.00	29.51 -0.83 -0.02	30.00 -0.56 -0.02	27.31 -0.54 0.00	21.78 -0.47 0.00	20.14 -0.47 0.00
PINELAWN_CC_1 323563	35.21 2.71 -0.69	32.96 2.32 0.00	30.56 2.09 0.00	32.03 1.95 0.00	31.13 1.80 0.00	28.44 1.85 0.00	32.22 2.11 -0.20	28.29 2.02 0.00	36.66 2.51 -2.56	59.22 2.46 -23.94	36.56 2.22 -0.30	38.61 2.37 -0.05	44.27 2.77 0.00	59.13 3.50 0.00	57.32 3.66 -0.17	99.46 4.02 -48.80	37.96 3.05 -1.97	34.65 2.59 -0.51	31.17 2.29 0.00	32.05 1.73 0.00	31.89 1.35 0.00	29.36 1.51 0.00	23.62 1.38 0.00	22.48 1.33 -0.53
PJM_GEN_HTP_PROXY 323702	33.59 1.78 0.00	32.14 1.50 0.00	29.40 1.38 0.44	32.51 1.30 -1.13	30.56 1.23 0.00	27.90 1.32 0.00	31.65 1.54 -0.20	27.85 1.59 0.00	35.99 1.83 -2.58	58.95 2.00 -24.13	36.54 2.20 -0.30	38.64 2.40 -0.05	44.38 2.89 0.00	59.57 3.94 0.00	56.46 4.03 1.06	98.76 4.02 -48.11	36.14 2.69 -0.51	33.93 2.38 0.00	31.15 2.27 0.00	32.31 1.99 0.00	32.17 1.63 0.00	29.41 1.56 0.00	23.60 1.36 0.00	22.29 1.14 -0.54
PJM_GEN_KEystone 24065	32.59 0.83 0.04	31.48 0.83 0.00	27.38 0.64 1.73	31.86 0.65 -1.13	29.92 0.59 0.00	25.80 0.63 1.42	31.00 0.98 -0.10	27.12 0.85 0.00	29.34 1.06 3.31	-0.96 1.18 34.95	35.18 1.07 -0.07	37.23 1.23 0.19	42.55 1.39 0.34	55.99 1.93 1.56	53.17 2.17 2.50	-0.08 2.33 49.04	35.04 1.59 -0.51	32.97 1.42 0.00	30.29 1.41 0.00	31.60 1.28 0.00	31.49 0.95 0.00	28.82 0.97 0.00	22.90 0.66 0.00	20.45 0.61 0.77
PJM_GEN_NEPTUNE_PROXY 323594	34.63 2.13 -0.69	32.43 1.79 0.00	29.64 1.62 0.44	32.69 1.49 -1.13	30.69 1.36 0.00	28.03 1.45 0.00	31.73 1.62 -0.20	27.85 1.58 0.00	36.06 1.91 -2.56	58.79 2.04 -23.94	36.34 2.00 -0.30	38.44 2.20 -0.05	44.14 2.65 0.00	59.13 3.51 0.00	56.09 3.66 1.06	98.75 3.85 -48.26	37.25 2.78 -1.53	33.91 2.37 0.00	31.02 2.13 0.00	31.96 1.64 0.00	31.84 1.30 0.00	29.17 1.32 0.00	23.34 1.10 0.00	22.21 1.07 -0.53
PJM_GEN_VFT_PROXY 323633	32.81 1.61 0.61	31.99 1.34 0.00	29.25 1.23 0.44	32.37 1.17 -1.13	30.43 1.10 0.00	27.78 1.20 0.00	31.51 1.40 -0.20	27.72 1.45 0.00	32.27 1.64 0.96	31.46 1.77 3.12	35.11 1.96 0.89	35.36 2.16 2.99	39.26 2.63 4.86	36.97 3.57 22.23	39.80 3.68 17.37	36.52 3.70 13.82	35.93 2.48 -0.51	33.73 2.18 0.00	31.03 2.14 0.00	32.17 1.85 0.00	32.02 1.48 0.00	29.27 1.42 0.00	23.51 1.27 0.00	22.18 1.03 -0.54
PLATSBRG_115KV_PMLD1 355749	31.93 0.13 0.00	30.55 -0.09 0.00	28.24 -0.22 0.00	30.01 -0.07 0.00	29.32 -0.01 0.00	26.59 0.00 0.00	30.16 0.25 0.00	26.84 0.57 0.00	32.45 0.86 0.00	33.74 0.92 0.00	34.91 0.87 0.00	37.11 0.92 0.00	42.46 0.97 0.00	56.60 0.97 0.00	54.19 0.70 0.00	47.06 0.42 0.00	33.48 0.54 0.00	32.14 0.59 0.00	29.42 0.53 0.00	31.08 0.75 0.00	31.35 0.81 0.00	28.64 0.79 0.00	22.91 0.67 0.00	21.19 0.58 0.00
PLEASANTVLY__LBMP 24000	33.18 1.37 0.00	31.78 1.13 0.00	29.53 1.07 0.00	31.10 1.03 0.00	30.28 0.95 0.00	27.60 1.01 0.00	31.25 1.11 -0.23	27.38 1.11 0.00	34.26 1.25 -1.42	45.95 1.37 -11.76	35.92 1.54 -0.34	37.96 1.72 -0.05	43.60 2.11 0.00	58.51 2.89 0.00	56.56 2.96 -0.10	81.89 3.06 -32.19	35.06 2.12 0.00	33.38 1.83 0.00	30.60 1.72 0.00	31.80 1.48 0.00	31.70 1.17 0.00	28.93 1.08 0.00	23.19 0.95 0.00	21.67 0.82 -0.25
PLSNTVLE_13_KV_13.8KVDIST 80602	33.54 1.73 0.00	32.08 1.43 0.00	29.81 1.34 0.00	31.36 1.29 0.00	30.52 1.19 0.00	27.84 1.25 0.00	31.56 1.45 -0.20	27.73 1.46 0.00	35.37 1.68 -2.09	53.76 1.84 -19.10	36.38 2.04 -0.30	38.49 2.25 -0.05	44.22 2.72 0.00	59.36 3.73 0.00	57.47 3.83 -0.14	94.27 3.81 -43.82	35.55 2.60 0.00	33.82 2.27 0.00	31.00 2.12 0.00	32.20 1.88 0.00	32.08 1.54 0.00	29.29 1.44 0.00	23.48 1.24 0.00	22.08 1.05 -0.42

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	33.54 1.73 0.00	32.08 1.43 0.00	29.81 1.34 0.00	31.36 1.29 0.00	30.52 1.19 0.00	27.84 1.25 0.00	31.56 1.45 -0.20	27.73 1.46 0.00	35.37 1.68 -2.09	53.76 1.84 -19.10	36.38 2.04 -0.30	38.49 2.25 -0.05	44.22 2.72 0.00	59.36 3.73 0.00	57.47 3.83 -0.14	94.27 3.81 -43.82	35.55 2.60 0.00	33.82 2.27 0.00	31.00 2.12 0.00	32.20 1.88 0.00	32.08 1.54 0.00	29.29 1.44 0.00	23.48 1.24 0.00	22.08 1.05 -0.42
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	33.49 1.68 0.00	32.06 1.42 0.00	29.78 1.32 0.00	31.36 1.29 0.00	30.53 1.20 0.00	27.83 1.24 0.00	31.24 1.39 0.06	27.63 1.37 0.00	33.60 1.58 -0.43	39.71 1.72 -5.17	35.87 1.92 0.09	38.35 2.17 0.01	44.19 2.69 0.00	59.36 3.73 0.00	57.44 3.89 -0.06	67.77 3.80 -17.33	35.53 2.59 0.00	33.82 2.27 0.00	30.98 2.10 0.00	32.19 1.87 0.00	32.10 1.56 0.00	29.28 1.43 0.00	23.43 1.19 0.00	21.75 1.02 -0.12
POLETTI____ 23519	33.59 1.78 0.00	32.14 1.49 0.00	29.83 1.37 0.00	31.37 1.30 0.00	30.56 1.23 0.00	27.91 1.32 0.00	31.64 1.53 -0.20	27.85 1.59 0.00	35.97 1.81 -2.57	58.92 1.97 -24.13	36.49 2.16 -0.30	38.60 2.36 -0.05	44.34 2.84 0.00	59.51 3.88 0.00	57.62 3.97 -0.15	99.16 3.94 -48.58	35.60 2.65 0.00	33.89 2.34 0.00	31.14 2.26 0.00	32.30 1.98 0.00	32.17 1.63 0.00	29.41 1.56 0.00	23.62 1.38 0.00	22.30 1.16 -0.54
POMONA____ESR 323819	33.24 1.44 0.00	31.83 1.18 0.00	29.59 1.13 0.00	31.13 1.06 0.00	30.33 1.00 0.00	27.69 1.10 0.00	31.38 1.29 -0.18	27.55 1.28 0.00	30.32 1.44 2.72	4.00 1.59 30.41	36.13 1.81 -0.27	38.30 2.07 -0.04	44.01 2.52 0.00	59.06 3.44 0.00	56.87 3.54 0.16	-3.12 3.50 53.26	35.31 2.37 0.00	33.63 2.07 0.00	30.85 1.97 0.00	32.05 1.73 0.00	31.92 1.39 0.00	29.16 1.31 0.00	23.35 1.11 0.00	20.80 0.91 0.72
PORT_JEFF_3 23555	35.18 2.68 -0.69	33.00 2.35 0.00	30.59 2.13 0.00	32.04 1.96 0.00	31.12 1.79 0.00	28.45 1.86 0.00	32.25 2.14 -0.20	28.24 1.97 0.00	36.61 2.47 -2.56	59.34 2.59 -23.94	36.73 2.39 -0.30	38.82 2.59 -0.05	44.48 2.99 0.00	59.41 3.78 0.00	57.74 3.82 -0.43	100.61 4.11 -49.85	52.35 3.16 -16.24	42.51 2.80 -8.15	31.40 2.51 0.00	32.19 1.87 0.00	31.99 1.45 0.00	29.26 1.40 0.00	23.39 1.14 0.00	22.34 1.20 -0.53
PORT_JEFF_4 23616	35.18 2.68 -0.69	33.00 2.35 0.00	30.59 2.13 0.00	32.04 1.96 0.00	31.12 1.79 0.00	28.45 1.86 0.00	32.25 2.14 -0.20	28.24 1.97 0.00	36.61 2.47 -2.56	59.34 2.59 -23.94	36.73 2.39 -0.30	38.82 2.59 -0.05	44.48 2.99 0.00	59.41 3.78 0.00	57.74 3.82 -0.43	100.61 4.11 -49.85	52.35 3.16 -16.24	42.51 2.80 -8.15	31.40 2.51 0.00	32.19 1.87 0.00	31.99 1.45 0.00	29.26 1.40 0.00	23.39 1.14 0.00	22.34 1.20 -0.53
PORT_JEFF_IC 23713	35.25 2.75 -0.69	33.08 2.43 0.00	30.65 2.19 0.00	32.10 2.03 0.00	31.18 1.85 0.00	28.50 1.91 0.00	32.32 2.20 -0.20	28.30 2.03 0.00	36.71 2.56 -2.56	59.44 2.69 -23.94	36.84 2.50 -0.30	38.94 2.70 -0.05	44.66 3.16 0.00	59.61 3.98 0.00	57.90 3.89 -0.51	101.04 4.20 -50.20	54.91 3.23 -18.73	43.88 2.87 -9.45	31.42 2.53 0.00	32.19 1.87 0.00	31.97 1.44 0.00	29.24 1.39 0.00	23.37 1.12 0.00	22.41 1.26 -0.53
PPL PILGRIM_ST_GT1 24216	35.34 2.85 -0.69	33.11 2.47 0.00	30.68 2.21 0.00	32.14 2.07 0.00	31.24 1.91 0.00	28.54 1.96 0.00	32.35 2.24 -0.20	28.39 2.12 0.00	36.82 2.67 -2.56	59.55 2.80 -23.94	36.92 2.58 -0.30	38.91 2.67 -0.05	44.66 3.16 0.00	59.77 4.14 0.00	57.82 4.13 -0.20	99.88 4.32 -48.93	40.25 3.24 -4.07	35.99 2.80 -1.64	31.40 2.52 0.00	32.25 1.93 0.00	32.17 1.63 0.00	29.44 1.59 0.00	23.50 1.26 0.00	22.42 1.28 -0.53
PPL PILGRIM_ST_GT2 24217	35.34 2.85 -0.69	33.11 2.47 0.00	30.68 2.21 0.00	32.14 2.07 0.00	31.24 1.91 0.00	28.54 1.96 0.00	32.35 2.24 -0.20	28.39 2.12 0.00	36.82 2.67 -2.56	59.55 2.80 -23.94	36.92 2.58 -0.30	38.91 2.67 -0.05	44.66 3.16 0.00	59.77 4.14 0.00	57.82 4.13 -0.20	99.88 4.32 -48.93	40.25 3.24 -4.07	35.99 2.80 -1.64	31.40 2.52 0.00	32.25 1.93 0.00	32.17 1.63 0.00	29.44 1.59 0.00	23.50 1.26 0.00	22.42 1.28 -0.53
PPL_SHRM_GT3 24213	35.00 2.50 -0.69	32.95 2.30 0.00	30.54 2.07 0.00	31.95 1.87 0.00	31.03 1.70 0.00	28.37 1.78 0.00	32.16 2.05 -0.20	28.06 1.79 0.00	36.44 2.29 -2.56	59.20 2.44 -23.94	36.65 2.31 -0.30	38.82 2.58 -0.05	44.61 3.11 0.00	59.79 4.16 0.00	58.24 4.31 -0.44	100.89 4.34 -49.91	52.85 3.33 -16.57	42.81 2.93 -8.32	31.60 2.71 0.00	32.37 2.04 0.00	32.13 1.59 0.00	29.32 1.47 0.00	23.39 1.14 0.00	22.30 1.15 -0.53
PPL_SHRM_GT4 24214	35.00 2.50 -0.69	32.95 2.30 0.00	30.54 2.07 0.00	31.95 1.87 0.00	31.03 1.70 0.00	28.37 1.78 0.00	32.16 2.05 -0.20	28.06 1.79 0.00	36.44 2.29 -2.56	59.20 2.44 -23.94	36.65 2.31 -0.30	38.82 2.58 -0.05	44.61 3.11 0.00	59.79 4.16 0.00	58.24 4.31 -0.44	100.89 4.34 -49.91	52.85 3.33 -16.57	42.81 2.93 -8.32	31.60 2.71 0.00	32.37 2.04 0.00	32.13 1.59 0.00	29.32 1.47 0.00	23.39 1.14 0.00	22.30 1.15 -0.53
PROJECT___ORANGE 1 24174	31.69 -0.11 0.00	30.65 0.00 0.00	28.42 -0.04 0.00	30.03 -0.04 0.00	29.25 -0.08 0.00	26.48 -0.11 0.00	29.85 -0.06 0.00	26.16 -0.11 0.00	31.46 -0.13 0.00	32.73 -0.09 0.00	33.88 -0.16 0.00	36.18 -0.07 -0.06	42.22 -0.02 -0.75	57.52 0.09 -1.81	55.34 0.22 -1.62	48.24 0.43 -1.18	33.31 0.29 -0.08	31.83 0.28 0.00	29.23 0.35 0.00	30.65 0.29 -0.04	30.69 0.12 -0.04	27.97 0.11 0.00	22.17 -0.07 0.00	20.55 -0.06 0.00
PROJECT___ORANGE 2 24166	31.69 -0.11 0.00	30.65 0.00 0.00	28.42 -0.04 0.00	30.03 -0.04 0.00	29.25 -0.08 0.00	26.48 -0.11 0.00	29.85 -0.06 0.00	26.16 -0.11 0.00	31.46 -0.13 0.00	32.73 -0.09 0.00	33.88 -0.16 0.00	36.18 -0.07 -0.06	42.22 -0.02 -0.75	57.52 0.09 -1.81	55.34 0.22 -1.62	48.24 0.43 -1.18	33.31 0.29 -0.08	31.83 0.28 0.00	29.23 0.35 0.00	30.65 0.29 -0.04	30.69 0.12 -0.04	27.97 0.11 0.00	22.17 -0.07 0.00	20.55 -0.06 0.00
PUCKETT___SOLAR 323809	32.82 1.01 0.00	31.68 1.03 0.00	29.30 0.84 0.00	31.03 0.96 0.00	30.18 0.85 0.00	27.43 0.84 0.00	31.06 1.15 0.00	27.25 0.98 0.00	32.79 1.19 0.00	34.06 1.24 0.00	35.17 1.13 0.00	37.57 1.34 -0.04	43.62 1.62 -0.51	58.99 2.13 -1.23	56.97 2.38 -1.11	49.71 2.27 -0.80	34.57 1.57 -0.05	33.09 1.54 0.00	30.40 1.52 0.00	31.89 1.54 -0.03	31.91 1.35 -0.03	29.12 1.27 0.00	23.06 0.82 0.00	21.32 0.71 0.00
PYRITES___HYD 24023	31.56 -0.24 0.00	30.34 -0.30 0.00	28.04 -0.42 0.00	29.70 -0.37 0.00	29.15 -0.18 0.00	26.43 -0.15 0.00	29.93 0.03 0.00	26.36 0.10 0.00	31.72 0.13 0.00	32.86 0.04 0.00	34.19 0.15 0.00	36.25 0.03 -0.03	41.82 0.00 -0.33	55.56 -0.11 -0.04	53.27 -0.22 0.00	45.53 -1.11 0.00	32.09 -0.86 0.00	30.93 -0.63 0.00	27.95 -0.94 0.00	30.12 -0.20 0.00	30.65 0.11 0.00	27.95 0.10 0.00	22.28 0.04 0.00	20.59 -0.02 0.00

QUAKERRD_115KV_BK1 80622	31.63 -0.18 0.00	30.72 0.07 0.00	28.30 -0.17 0.00	29.87 -0.20 0.00	29.24 -0.09 0.00	26.40 -0.18 0.00	29.94 0.03 0.00	26.18 -0.09 0.00	31.62 0.03 0.00	32.89 0.08 0.00	33.85 -0.18 0.00	35.93 -0.22 0.04	40.79 -0.24 0.47	54.37 -0.13 1.13	52.62 0.14 1.02	46.47 0.57 0.74	33.30 0.40 0.05	31.98 0.43 0.00	29.39 0.51 0.00	30.85 0.56 0.02	30.84 0.33 0.02	28.17 0.32 0.00	22.19 -0.05 0.00	20.69 0.08 0.00
QUENSBRY_115KV_TB8 356137	33.59 1.78 0.00	32.21 1.57 0.00	29.88 1.42 0.00	31.59 1.52 0.00	30.72 1.39 0.00	27.91 1.33 0.00	31.15 1.47 0.23	27.55 1.29 0.00	33.21 1.51 -0.10	38.48 1.61 -4.05	35.36 1.67 0.35	38.05 1.91 0.06	43.61 2.12 0.00	58.71 3.08 0.00	56.45 2.92 -0.04	63.17 3.36 -13.17	35.44 2.50 0.00	33.73 2.18 0.00	31.13 2.24 0.00	32.42 2.10 0.00	32.36 1.82 0.00	29.44 1.59 0.00	23.50 1.27 0.00	21.90 1.17 -0.12
RAMAPO___LBMP 323565	33.15 1.34 0.00	31.73 1.09 0.00	29.50 1.04 0.00	31.05 0.98 0.00	30.25 0.92 0.00	27.60 1.01 0.00	31.29 1.20 -0.18	27.47 1.20 0.00	30.34 1.35 2.60	5.15 1.48 29.14	35.99 1.68 -0.27	38.14 1.91 -0.04	43.81 2.32 0.00	58.78 3.15 0.00	56.59 3.25 0.16	-2.65 3.28 52.57	35.18 2.23 0.00	33.50 1.95 0.00	30.74 1.86 0.00	31.93 1.61 0.00	31.83 1.29 0.00	29.07 1.22 0.00	23.28 1.04 0.00	20.77 0.85 0.69
RANKINE____ 23646	33.13 1.33 0.00	32.36 1.71 0.00	29.56 1.10 0.00	31.23 1.16 0.00	30.63 1.30 0.00	27.61 1.02 0.00	31.55 1.64 0.00	27.40 1.13 0.00	33.17 1.58 0.00	34.50 1.69 0.00	35.28 1.24 0.00	37.46 1.27 0.00	42.82 1.33 0.00	57.61 1.98 0.00	55.85 2.36 0.00	49.30 2.66 0.00	34.76 1.82 0.00	33.39 1.84 0.00	30.81 1.93 0.00	32.38 2.06 0.00	32.25 1.71 0.00	29.54 1.69 0.00	23.11 0.87 0.00	21.69 1.09 0.00
RAVENSWOOD_GT2_1 24244	33.67 1.87 0.00	32.21 1.57 0.00	29.90 1.44 0.00	31.45 1.38 0.00	30.63 1.30 0.00	27.96 1.38 0.00	31.72 1.61 -0.20	27.91 1.64 0.00	36.06 1.89 -2.57	58.99 2.05 -24.12	36.56 2.23 -0.30	38.67 2.43 -0.05	44.42 2.93 0.00	59.61 3.99 0.00	57.71 4.07 -0.15	99.23 4.02 -48.57	35.65 2.71 0.00	33.94 2.39 0.00	31.18 2.29 0.00	32.35 2.03 0.00	32.22 1.68 0.00	29.46 1.61 0.00	23.65 1.40 0.00	22.32 1.18 -0.54
RAVENSWOOD_GT2_2 24245	33.67 1.87 0.00	32.21 1.57 0.00	29.90 1.44 0.00	31.45 1.38 0.00	30.63 1.30 0.00	27.96 1.38 0.00	31.72 1.61 -0.20	27.91 1.64 0.00	36.06 1.89 -2.57	58.99 2.05 -24.12	36.56 2.23 -0.30	38.67 2.43 -0.05	44.42 2.93 0.00	59.61 3.99 0.00	57.71 4.07 -0.15	99.23 4.02 -48.57	35.65 2.71 0.00	33.94 2.39 0.00	31.18 2.29 0.00	32.35 2.03 0.00	32.22 1.68 0.00	29.46 1.61 0.00	23.65 1.40 0.00	22.32 1.18 -0.54
RAVENSWOOD_GT2_3 24246	33.69 1.88 0.00	32.24 1.59 0.00	29.92 1.46 0.00	31.47 1.39 0.00	30.65 1.32 0.00	27.98 1.40 0.00	31.73 1.62 -0.20	27.92 1.65 0.00	36.07 1.90 -2.57	59.02 2.08 -24.12	36.59 2.25 -0.30	38.70 2.46 -0.05	44.45 2.96 0.00	59.64 4.02 0.00	57.77 4.12 -0.15	99.26 4.05 -48.57	35.67 2.73 0.00	33.98 2.43 0.00	31.21 2.32 0.00	32.37 2.05 0.00	32.24 1.70 0.00	29.49 1.63 0.00	23.65 1.41 0.00	22.34 1.19 -0.54
RAVENSWOOD_GT2_4 24247	33.69 1.88 0.00	32.24 1.59 0.00	29.92 1.46 0.00	31.47 1.39 0.00	30.65 1.32 0.00	27.98 1.40 0.00	31.73 1.62 -0.20	27.92 1.65 0.00	36.07 1.90 -2.57	59.02 2.08 -24.12	36.59 2.25 -0.30	38.70 2.46 -0.05	44.45 2.96 0.00	59.64 4.02 0.00	57.77 4.12 -0.15	99.26 4.05 -48.57	35.67 2.73 0.00	33.98 2.43 0.00	31.21 2.32 0.00	32.37 2.05 0.00	32.24 1.70 0.00	29.49 1.63 0.00	23.65 1.41 0.00	22.34 1.19 -0.54
RAVENSWOOD_GT3_1 24248	33.67 1.87 0.00	32.21 1.57 0.00	29.90 1.44 0.00	31.45 1.37 0.00	30.63 1.30 0.00	27.96 1.38 0.00	31.72 1.61 -0.20	27.91 1.64 0.00	36.06 1.89 -2.57	58.99 2.05 -24.12	36.56 2.23 -0.30	38.67 2.43 -0.05	44.42 2.93 0.00	59.61 3.99 0.00	57.72 4.07 -0.15	99.23 4.02 -48.57	35.65 2.71 0.00	33.94 2.39 0.00	31.18 2.29 0.00	32.35 2.03 0.00	32.22 1.68 0.00	29.46 1.61 0.00	23.65 1.40 0.00	22.32 1.18 -0.54
RAVENSWOOD_GT3_2 24249	33.67 1.87 0.00	32.21 1.57 0.00	29.90 1.44 0.00	31.45 1.37 0.00	30.63 1.30 0.00	27.96 1.38 0.00	31.72 1.61 -0.20	27.91 1.64 0.00	36.06 1.89 -2.57	58.99 2.05 -24.12	36.56 2.23 -0.30	38.67 2.43 -0.05	44.42 2.93 0.00	59.61 3.99 0.00	57.72 4.07 -0.15	99.23 4.02 -48.57	35.65 2.71 0.00	33.94 2.39 0.00	31.18 2.29 0.00	32.35 2.03 0.00	32.22 1.68 0.00	29.46 1.61 0.00	23.65 1.40 0.00	22.32 1.18 -0.54
RAVENSWOOD_GT3_3 24250	33.75 1.94 0.00	32.28 1.63 0.00	29.96 1.50 0.00	31.51 1.44 0.00	30.69 1.36 0.00	28.02 1.43 0.00	31.79 1.68 -0.20	27.97 1.70 0.00	36.13 1.96 -2.57	59.07 2.13 -24.12	36.65 2.32 -0.30	38.77 2.54 -0.05	44.53 3.03 0.00	59.75 4.13 0.00	57.87 4.23 -0.15	99.36 4.15 -48.57	35.73 2.79 0.00	34.02 2.47 0.00	31.25 2.37 0.00	32.43 2.11 0.00	32.29 1.75 0.00	29.52 1.67 0.00	23.70 1.45 0.00	22.37 1.22 -0.54
RAVENSWOOD_GT3_4 24251	33.75 1.94 0.00	32.28 1.63 0.00	29.96 1.50 0.00	31.51 1.44 0.00	30.69 1.36 0.00	28.02 1.43 0.00	31.79 1.68 -0.20	27.97 1.70 0.00	36.13 1.96 -2.57	59.07 2.13 -24.12	36.65 2.32 -0.30	38.77 2.54 -0.05	44.53 3.03 0.00	59.75 4.13 0.00	57.87 4.23 -0.15	99.36 4.15 -48.57	35.73 2.79 0.00	34.02 2.47 0.00	31.25 2.37 0.00	32.43 2.11 0.00	32.29 1.75 0.00	29.52 1.67 0.00	23.70 1.45 0.00	22.37 1.22 -0.54
RAVENSWOOD_GT_1 23729	33.75 1.95 0.00	32.28 1.64 0.00	29.96 1.50 0.00	31.49 1.42 0.00	30.69 1.36 0.00	28.03 1.45 0.00	31.79 1.68 -0.20	28.00 1.73 0.00	36.15 1.99 -2.57	59.09 2.15 -24.12	36.61 2.27 -0.30	38.71 2.47 -0.05	44.42 2.93 0.00	59.57 3.95 0.00	57.72 4.07 -0.15	99.17 3.96 -48.57	35.61 2.67 0.00	33.89 2.33 0.00	31.16 2.28 0.00	32.34 2.02 0.00	32.23 1.69 0.00	29.52 1.66 0.00	23.70 1.46 0.00	22.36 1.21 -0.54
RAVENSWOOD_GT_10 24258	33.67 1.87 0.00	32.21 1.57 0.00	29.90 1.44 0.00	31.45 1.38 0.00	30.63 1.30 0.00	27.96 1.38 0.00	31.72 1.61 -0.20	27.91 1.64 0.00	36.06 1.89 -2.57	58.99 2.05 -24.12	36.57 2.23 -0.30	38.68 2.44 -0.05	44.42 2.93 0.00	59.62 4.00 0.00	57.74 4.09 -0.15	99.23 4.02 -48.57	35.66 2.72 0.00	33.95 2.40 0.00	31.18 2.30 0.00	32.35 2.03 0.00	32.23 1.69 0.00	29.46 1.61 0.00	23.65 1.40 0.00	22.32 1.18 -0.54
RAVENSWOOD_GT_11 24259	33.67 1.86 0.00	32.21 1.57 0.00	29.90 1.44 0.00	31.45 1.38 0.00	30.63 1.30 0.00	27.96 1.38 0.00	31.71 1.60 -0.20	27.91 1.64 0.00	36.06 1.89 -2.57	58.99 2.05 -24.12	36.57 2.23 -0.30	38.68 2.44 -0.05	44.43 2.93 0.00	59.62 4.00 0.00	57.74 4.09 -0.15	99.24 4.03 -48.57	35.66 2.72 0.00	33.94 2.39 0.00	31.18 2.30 0.00	32.35 2.03 0.00	32.22 1.69 0.00	29.46 1.61 0.00	23.65 1.40 0.00	22.33 1.18 -0.54

RAVENSWOOD_GT_4 24252	33.67 1.86 0.00	32.20 1.56 0.00	29.90 1.44 0.00	31.45 1.38 0.00	30.63 1.30 0.00	27.96 1.38 0.00	31.72 1.61 -0.20	27.90 1.63 0.00	36.04 1.88 -2.57	58.99 2.05 -24.12	36.58 2.24 -0.30	38.70 2.46 -0.05	44.45 2.95 0.00	59.65 4.03 0.00	57.77 4.13 -0.15	99.27 4.07 -48.57	35.69 2.75 0.00	33.98 2.43 0.00	31.20 2.31 0.00	32.37 2.05 0.00	32.23 1.69 0.00	29.47 1.61 0.00	23.64 1.40 0.00	22.33 1.18 -0.54
RAVENSWOOD_GT_5 24254	33.67 1.86 0.00	32.20 1.56 0.00	29.90 1.44 0.00	31.45 1.38 0.00	30.63 1.30 0.00	27.96 1.38 0.00	31.72 1.61 -0.20	27.90 1.63 0.00	36.04 1.88 -2.57	58.99 2.05 -24.12	36.58 2.24 -0.30	38.70 2.46 -0.05	44.45 2.95 0.00	59.65 4.03 0.00	57.77 4.13 -0.15	99.27 4.07 -48.57	35.69 2.75 0.00	33.98 2.43 0.00	31.20 2.31 0.00	32.37 2.05 0.00	32.23 1.69 0.00	29.47 1.61 0.00	23.64 1.40 0.00	22.33 1.18 -0.54
RAVENSWOOD_GT_6 24253	33.67 1.86 0.00	32.20 1.56 0.00	29.90 1.44 0.00	31.45 1.38 0.00	30.63 1.30 0.00	27.96 1.38 0.00	31.72 1.61 -0.20	27.90 1.63 0.00	36.04 1.88 -2.57	58.99 2.05 -24.12	36.58 2.24 -0.30	38.70 2.46 -0.05	44.45 2.95 0.00	59.65 4.03 0.00	57.77 4.13 -0.15	99.27 4.07 -48.57	35.69 2.75 0.00	33.98 2.43 0.00	31.20 2.31 0.00	32.37 2.05 0.00	32.23 1.69 0.00	29.47 1.61 0.00	23.64 1.40 0.00	22.33 1.18 -0.54
RAVENSWOOD_GT_7 24255	33.67 1.86 0.00	32.20 1.56 0.00	29.90 1.44 0.00	31.45 1.38 0.00	30.63 1.30 0.00	27.96 1.38 0.00	31.72 1.61 -0.20	27.90 1.63 0.00	36.04 1.88 -2.57	58.99 2.05 -24.12	36.58 2.24 -0.30	38.70 2.46 -0.05	44.45 2.95 0.00	59.65 4.03 0.00	57.77 4.13 -0.15	99.27 4.07 -48.57	35.69 2.75 0.00	33.98 2.43 0.00	31.20 2.31 0.00	32.37 2.05 0.00	32.23 1.69 0.00	29.47 1.61 0.00	23.64 1.40 0.00	22.33 1.18 -0.54
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	33.67 1.87 0.00	32.21 1.57 0.00	29.90 1.44 0.00	31.45 1.38 0.00	30.63 1.30 0.00	27.96 1.38 0.00	31.72 1.61 -0.20	27.91 1.64 0.00	36.06 1.89 -2.57	58.99 2.05 -24.12	36.57 2.23 -0.30	38.68 2.44 -0.05	44.42 2.93 0.00	59.62 4.00 0.00	57.74 4.09 -0.15	99.23 4.02 -48.57	35.66 2.72 0.00	33.95 2.40 0.00	31.18 2.30 0.00	32.35 2.03 0.00	32.23 1.69 0.00	29.46 1.61 0.00	23.65 1.40 0.00	22.32 1.18 -0.54
RAVENSWOOD_GT_9 24257	33.67 1.87 0.00	32.21 1.57 0.00	29.90 1.44 0.00	31.45 1.38 0.00	30.63 1.30 0.00	27.96 1.38 0.00	31.72 1.61 -0.20	27.91 1.64 0.00	36.06 1.89 -2.57	58.99 2.05 -24.12	36.57 2.23 -0.30	38.68 2.44 -0.05	44.42 2.93 0.00	59.62 4.00 0.00	57.74 4.09 -0.15	99.23 4.02 -48.57	35.66 2.72 0.00	33.95 2.40 0.00	31.18 2.30 0.00	32.35 2.03 0.00	32.23 1.69 0.00	29.46 1.61 0.00	23.65 1.40 0.00	22.32 1.18 -0.54
RAVENSWOOD___1 23533	33.74 1.94 0.00	32.26 1.62 0.00	29.95 1.49 0.00	31.47 1.40 0.00	30.66 1.33 0.00	28.01 1.43 0.00	31.77 1.66 -0.20	27.98 1.71 0.00	36.13 1.96 -2.57	59.06 2.12 -24.12	36.58 2.24 -0.30	38.68 2.44 -0.05	44.39 2.90 0.00	59.53 3.90 0.00	57.67 4.02 -0.15	99.13 3.92 -48.57	35.58 2.64 0.00	33.87 2.32 0.00	31.15 2.26 0.00	32.32 2.00 0.00	32.21 1.68 0.00	29.50 1.65 0.00	23.68 1.44 0.00	22.34 1.19 -0.54
RAVENSWOOD___2 23534	33.66 1.86 0.00	32.19 1.55 0.00	29.88 1.42 0.00	31.41 1.34 0.00	30.60 1.27 0.00	27.96 1.37 0.00	31.69 1.58 -0.20	27.91 1.64 0.00	36.05 1.88 -2.57	58.95 2.01 -24.12	36.33 1.99 -0.30	38.35 2.11 -0.05	44.02 2.52 0.00	58.98 3.35 0.00	57.14 3.50 -0.15	98.69 3.48 -48.57	35.30 2.36 0.00	33.61 2.06 0.00	31.01 2.12 0.00	32.23 1.91 0.00	32.12 1.58 0.00	29.43 1.57 0.00	23.63 1.38 0.00	22.29 1.14 -0.54
RAVENSWOOD___3 23535	33.68 1.87 0.00	32.21 1.57 0.00	29.90 1.44 0.00	31.45 1.38 0.00	30.63 1.30 0.00	27.97 1.38 0.00	31.72 1.61 -0.20	27.91 1.64 0.00	36.06 1.89 -2.57	58.99 2.05 -24.12	36.56 2.23 -0.30	38.67 2.43 -0.05	44.43 2.93 0.00	59.61 3.99 0.00	57.73 4.08 -0.15	99.23 4.02 -48.57	35.65 2.71 0.00	33.94 2.39 0.00	31.18 2.30 0.00	32.35 2.03 0.00	32.22 1.69 0.00	29.47 1.61 0.00	23.65 1.40 0.00	22.33 1.18 -0.54
RAVENSWOOD___4 23820	33.71 1.91 0.00	32.25 1.60 0.00	29.93 1.46 0.00	31.46 1.39 0.00	30.65 1.32 0.00	28.00 1.42 0.00	31.74 1.63 -0.20	27.95 1.68 0.00	36.10 1.93 -2.57	59.03 2.09 -24.12	36.55 2.21 -0.30	38.64 2.41 -0.05	44.36 2.86 0.00	59.47 3.84 0.00	57.63 3.98 -0.15	99.09 3.88 -48.57	35.56 2.62 0.00	33.85 2.30 0.00	31.13 2.24 0.00	32.30 1.98 0.00	32.20 1.66 0.00	29.47 1.62 0.00	23.66 1.42 0.00	22.32 1.17 -0.54
RCPL_TRUST___DRP 24196	33.62 1.81 0.00	32.17 1.52 0.00	29.86 1.40 0.00	31.41 1.33 0.00	30.59 1.26 0.00	27.93 1.34 0.00	31.70 1.59 -0.20	27.89 1.62 0.00	36.06 1.89 -2.58	59.02 2.07 -24.13	36.60 2.27 -0.30	38.70 2.46 -0.05	44.46 2.97 0.00	59.67 4.04 0.00	57.77 4.12 -0.15	99.32 4.10 -48.58	35.69 2.75 0.00	33.99 2.44 0.00	31.20 2.31 0.00	32.37 2.05 0.00	32.22 1.68 0.00	29.46 1.61 0.00	23.63 1.39 0.00	22.32 1.17 -0.54
RED___ROCHESTER 323720	32.91 1.10 0.00	31.99 1.35 0.00	29.39 0.92 0.00	31.00 0.93 0.00	30.39 1.06 0.00	27.42 0.83 0.00	31.16 1.24 0.00	27.20 0.93 0.00	32.91 1.31 0.00	34.24 1.43 0.00	35.16 1.12 0.00	37.31 1.16 0.04	42.31 1.28 0.47	56.55 2.06 1.14	54.78 2.31 1.02	48.47 2.57 0.74	34.72 1.82 0.05	33.37 1.82 0.00	30.67 1.79 0.00	32.24 1.94 0.02	32.18 1.67 0.02	29.42 1.56 0.00	23.10 0.86 0.00	21.56 0.95 0.00
REGAN___SOLAR 323812	35.31 3.50 0.00	33.96 3.32 0.00	31.37 2.90 0.00	33.10 3.03 0.00	32.43 3.10 0.00	29.52 2.93 0.00	33.15 3.40 0.16	29.26 2.99 0.00	34.60 2.87 -0.13	39.12 2.91 -3.39	37.04 3.24 0.24	39.19 3.04 0.04	45.63 4.13 0.00	61.31 5.69 0.00	59.63 6.10 -0.03	61.92 5.69 -9.60	36.73 3.78 0.00	34.81 3.27 0.00	32.53 3.64 0.00	34.29 3.97 0.00	34.50 3.96 0.00	31.16 3.32 0.00	24.64 2.40 0.00	22.94 2.23 -0.09
RENSSELAER___COGEN 23796	32.40 0.60 0.00	31.10 0.46 0.00	28.98 0.51 0.00	30.58 0.51 0.00	29.78 0.44 0.00	27.04 0.46 0.00	30.09 0.40 0.21	26.56 0.29 0.00	32.05 0.30 -0.16	37.49 0.32 -4.35	34.07 0.36 0.32	36.55 0.40 0.05	42.06 0.56 0.00	56.53 0.90 0.00	54.41 0.87 -0.04	61.46 1.11 -13.71	33.78 0.84 0.00	32.20 0.65 0.00	29.49 0.61 0.00	30.83 0.51 0.00	30.82 0.28 0.00	28.04 0.19 0.00	22.46 0.22 0.00	20.99 0.26 -0.12
REPUBLIC_115KV_BARTNBRK 55605	35.07 3.27 0.00	33.49 2.85 0.00	30.89 2.43 0.00	32.77 2.70 0.00	31.75 2.42 0.00	28.85 2.27 0.00	32.51 2.84 0.23	28.77 2.51 0.00	34.64 2.95 -0.10	40.05 3.19 -4.05	37.14 3.46 0.36	40.21 4.07 0.06	46.45 4.96 0.00	62.80 7.17 0.00	60.13 6.60 -0.04	66.22 6.38 -13.21	37.78 4.84 0.00	35.67 4.12 0.00	33.12 4.24 0.00	34.37 4.05 0.00	34.09 3.55 0.00	30.92 3.07 0.00	24.70 2.46 0.00	23.17 2.44 -0.12

REVERE_CPDR_DRP 24186	32.85 1.05 0.00	31.59 0.94 0.00	29.20 0.73 0.00	30.91 0.84 0.00	30.30 0.97 0.00	27.64 1.05 0.00	31.20 1.28 0.00	27.41 1.14 0.00	32.99 1.39 0.00	34.21 1.40 0.00	35.54 1.50 0.00	37.96 1.72 -0.04	44.14 2.17 -0.47	59.91 3.07 -1.21	57.59 3.01 -1.09	49.87 2.44 -0.79	34.75 1.76 -0.05	33.35 1.80 0.00	30.64 1.76 0.00	32.18 1.83 -0.03	32.28 1.72 -0.03	29.28 1.43 0.00	23.13 0.89 0.00	21.33 0.72 0.00
REYNOLDS_115KV_TB3 80639	32.62 0.81 0.00	31.31 0.67 0.00	29.19 0.72 0.00	30.80 0.73 0.00	29.98 0.65 0.00	27.24 0.65 0.00	30.26 0.60 0.25	26.70 0.44 0.00	32.18 0.49 -0.10	37.65 0.52 -4.31	34.24 0.58 0.38	36.79 0.66 0.06	42.35 0.85 0.00	56.91 1.28 0.00	54.77 1.23 -0.05	62.30 1.47 -14.20	34.05 1.11 0.00	32.46 0.91 0.00	29.72 0.84 0.00	31.08 0.76 0.00	31.06 0.52 0.00	28.24 0.39 0.00	22.62 0.39 0.00	21.13 0.39 -0.13
RIVERBAY____ 323610	33.92 2.11 0.00	32.44 1.79 0.00	30.07 1.61 0.00	31.63 1.55 0.00	30.82 1.49 0.00	28.18 1.59 0.00	31.92 1.81 -0.20	28.06 1.79 0.00	36.16 1.99 -2.57	59.09 2.15 -24.12	36.72 2.38 -0.30	38.96 2.73 -0.05	44.85 3.35 0.00	60.21 4.59 0.00	58.43 4.78 -0.15	99.58 4.37 -48.57	35.75 2.81 0.00	33.97 2.42 0.00	31.20 2.32 0.00	32.35 2.03 0.00	32.25 1.71 0.00	29.53 1.68 0.00	23.72 1.48 0.00	22.33 1.18 -0.54
RIVERSDE_115KV_TB3 55908	32.55 0.74 0.00	31.25 0.61 0.00	29.12 0.66 0.00	30.73 0.66 0.00	29.92 0.59 0.00	27.18 0.59 0.00	30.22 0.54 0.23	26.67 0.41 0.00	32.18 0.46 -0.13	37.62 0.49 -4.32	34.24 0.56 0.35	36.78 0.64 0.06	42.33 0.84 0.00	56.89 1.27 0.00	54.76 1.22 -0.05	61.99 1.44 -13.91	34.01 1.07 0.00	32.43 0.87 0.00	29.70 0.81 0.00	31.03 0.71 0.00	31.02 0.48 0.00	28.21 0.36 0.00	22.59 0.35 0.00	21.09 0.35 -0.12
ROARING__BROOK_WT_PWR 323790	31.11 -0.70 0.00	29.80 -0.85 0.00	27.67 -0.80 0.00	29.32 -0.75 0.00	29.02 -0.31 0.00	26.70 0.12 0.00	30.08 0.17 0.00	26.38 0.11 0.00	31.75 0.16 0.00	33.01 0.20 0.00	34.25 0.21 0.00	36.47 0.27 0.00	41.85 0.35 0.00	56.12 0.49 0.00	53.88 0.39 0.00	47.09 0.44 0.00	33.31 0.36 0.00	31.89 0.34 0.00	29.21 0.33 0.00	30.55 0.22 0.00	30.63 0.10 0.00	27.60 -0.25 0.00	21.84 -0.40 0.00	20.14 -0.47 0.00
ROCHESRG_115KV_T4 355643	32.49 0.68 0.00	31.60 0.96 0.00	29.05 0.58 0.00	30.66 0.59 0.00	30.05 0.72 0.00	27.10 0.52 0.00	30.79 0.87 0.00	26.86 0.59 0.00	32.48 0.88 0.00	33.79 0.97 0.00	34.69 0.65 0.00	36.79 0.63 0.04	41.69 0.69 0.50	55.54 1.13 1.21	53.81 1.41 1.09	47.61 1.76 0.79	34.15 1.25 0.05	32.80 1.25 0.00	30.16 1.28 0.00	31.69 1.39 0.03	31.66 1.15 0.03	28.94 1.09 0.00	22.76 0.52 0.00	21.27 0.66 0.00
ROCHESTER_9_IC 23652	32.71 0.91 0.00	31.81 1.17 0.00	29.24 0.77 0.00	30.85 0.78 0.00	30.24 0.91 0.00	27.28 0.69 0.00	30.99 1.08 0.00	27.05 0.78 0.00	32.72 1.13 0.00	34.05 1.23 0.00	34.96 0.92 0.00	37.08 0.93 0.04	42.07 1.05 0.47	56.13 1.64 1.14	54.37 1.90 1.02	48.12 2.22 0.74	34.46 1.57 0.05	33.10 1.55 0.00	30.43 1.55 0.00	31.98 1.69 0.02	31.95 1.43 0.02	29.20 1.35 0.00	22.95 0.71 0.00	21.43 0.83 0.00
ROCKVIEW_13_KV_LD 356306	33.74 1.93 0.00	32.27 1.62 0.00	29.97 1.50 0.00	31.51 1.44 0.00	30.67 1.34 0.00	27.99 1.40 0.00	31.74 1.63 -0.20	27.90 1.63 0.00	36.04 1.88 -2.57	59.00 2.08 -24.10	36.62 2.28 -0.30	38.76 2.52 -0.05	44.51 3.02 0.00	59.74 4.11 0.00	57.88 4.24 -0.15	99.37 4.18 -48.55	35.76 2.82 0.00	34.03 2.48 0.00	31.21 2.32 0.00	32.40 2.08 0.00	32.27 1.73 0.00	29.49 1.64 0.00	23.63 1.39 0.00	22.33 1.19 -0.54
ROME_____115KV_TB2 80656	32.85 1.05 0.00	31.59 0.94 0.00	29.20 0.73 0.00	30.91 0.84 0.00	30.30 0.97 0.00	27.64 1.05 0.00	31.20 1.28 0.00	27.41 1.14 0.00	32.99 1.39 0.00	34.21 1.40 0.00	35.54 1.50 0.00	37.96 1.72 -0.04	44.14 2.17 -0.47	59.91 3.07 -1.21	57.59 3.01 -1.09	49.87 2.44 -0.79	34.75 1.76 -0.05	33.35 1.80 0.00	30.64 1.76 0.00	32.18 1.83 -0.03	32.28 1.72 -0.03	29.28 1.43 0.00	23.13 0.89 0.00	21.33 0.72 0.00
ROSETON____1 23587	33.15 1.35 0.00	31.76 1.11 0.00	29.52 1.06 0.00	31.09 1.02 0.00	30.27 0.94 0.00	27.59 1.00 0.00	31.20 1.11 -0.18	27.37 1.10 0.00	33.13 1.23 -0.30	34.99 1.36 -0.82	35.83 1.52 -0.27	37.94 1.71 -0.04	43.59 2.09 0.00	58.44 2.81 0.00	56.31 2.91 0.09	24.11 3.01 25.54	35.01 2.07 0.00	33.32 1.77 0.00	30.56 1.68 0.00	31.77 1.45 0.00	31.68 1.14 0.00	28.92 1.07 0.00	23.18 0.94 0.00	21.41 0.80 0.00
ROSETON____2 23588	33.15 1.35 0.00	31.76 1.11 0.00	29.52 1.06 0.00	31.09 1.02 0.00	30.27 0.94 0.00	27.59 1.00 0.00	31.20 1.11 -0.18	27.37 1.10 0.00	33.13 1.23 -0.30	34.99 1.36 -0.82	35.83 1.52 -0.27	37.94 1.71 -0.04	43.59 2.09 0.00	58.44 2.81 0.00	56.31 2.91 0.09	24.11 3.01 25.54	35.01 2.07 0.00	33.32 1.77 0.00	30.56 1.68 0.00	31.77 1.45 0.00	31.68 1.14 0.00	28.92 1.07 0.00	23.18 0.94 0.00	21.41 0.80 0.00
ROTTTRDAM_115KV_TB3 80664	33.00 1.19 0.00	31.69 1.04 0.00	29.48 1.01 0.00	31.13 1.05 0.00	30.33 1.00 0.00	27.54 0.95 0.00	30.70 0.98 0.19	27.12 0.85 0.00	32.74 0.98 -0.16	37.92 1.03 -4.08	34.88 1.13 0.28	37.42 1.27 0.05	43.06 1.56 0.00	57.79 2.16 0.00	55.65 2.11 -0.04	61.50 2.23 -12.63	34.58 1.64 0.00	32.99 1.44 0.00	30.27 1.39 0.00	31.63 1.31 0.00	31.66 1.12 0.00	28.81 0.96 0.00	23.02 0.78 0.00	21.42 0.70 -0.11
RUSSELL____1 23602	32.90 1.10 0.00	31.99 1.34 0.00	29.39 0.93 0.00	31.00 0.93 0.00	30.39 1.06 0.00	27.42 0.83 0.00	31.16 1.25 0.00	27.19 0.92 0.00	32.91 1.31 0.00	34.24 1.43 0.00	35.17 1.13 0.00	37.32 1.16 0.04	42.35 1.32 0.47	56.55 2.07 1.14	54.78 2.31 1.02	48.48 2.58 0.74	34.72 1.82 0.05	33.35 1.80 0.00	30.67 1.78 0.00	32.23 1.94 0.02	32.18 1.67 0.02	29.42 1.57 0.00	23.11 0.86 0.00	21.56 0.95 0.00
RUSSELL____2 23532	32.90 1.10 0.00	31.99 1.34 0.00	29.39 0.93 0.00	31.00 0.93 0.00	30.39 1.06 0.00	27.42 0.83 0.00	31.16 1.25 0.00	27.19 0.92 0.00	32.91 1.31 0.00	34.24 1.43 0.00	35.17 1.13 0.00	37.32 1.16 0.04	42.35 1.32 0.47	56.55 2.07 1.14	54.78 2.31 1.02	48.48 2.58 0.74	34.72 1.82 0.05	33.35 1.80 0.00	30.67 1.78 0.00	32.23 1.94 0.02	32.18 1.67 0.02	29.42 1.57 0.00	23.11 0.86 0.00	21.56 0.95 0.00
RUSSELL____3 23549	32.90 1.10 0.00	31.99 1.34 0.00	29.39 0.93 0.00	31.00 0.93 0.00	30.39 1.06 0.00	27.42 0.83 0.00	31.16 1.25 0.00	27.19 0.92 0.00	32.91 1.31 0.00	34.24 1.43 0.00	35.17 1.13 0.00	37.32 1.16 0.04	42.35 1.32 0.47	56.55 2.07 1.14	54.78 2.31 1.02	48.48 2.58 0.74	34.72 1.82 0.05	33.35 1.80 0.00	30.67 1.78 0.00	32.23 1.94 0.02	32.18 1.67 0.02	29.42 1.57 0.00	23.11 0.86 0.00	21.56 0.95 0.00

RUSSELL___4 23556	32.90 1.10 0.00	31.99 1.34 0.00	29.39 0.93 0.00	31.00 0.93 0.00	30.39 1.06 0.00	27.42 0.83 0.00	31.16 1.25 0.00	27.19 0.92 0.00	32.91 1.31 0.00	34.24 1.43 0.00	35.17 1.13 0.00	37.32 1.16 0.04	42.35 1.32 0.47	56.55 2.07 1.14	54.78 2.31 1.02	48.48 2.58 0.74	34.72 1.82 0.05	33.35 1.80 0.00	30.67 1.78 0.00	32.23 1.94 0.02	32.18 1.67 0.02	29.42 1.57 0.00	23.11 0.86 0.00	21.56 0.95 0.00
RUSSELL___STATION 23914	32.90 1.10 0.00	31.99 1.34 0.00	29.39 0.93 0.00	31.00 0.93 0.00	30.39 1.06 0.00	27.42 0.83 0.00	31.16 1.25 0.00	27.19 0.92 0.00	32.91 1.31 0.00	34.24 1.43 0.00	35.17 1.13 0.00	37.32 1.16 0.04	42.35 1.32 0.47	56.55 2.07 1.14	54.78 2.31 1.02	48.48 2.58 0.74	34.72 1.82 0.05	33.35 1.80 0.00	30.67 1.78 0.00	32.23 1.94 0.02	32.18 1.67 0.02	29.42 1.57 0.00	23.11 0.86 0.00	21.56 0.95 0.00
S SALMON___HYD 24043	31.61 -0.19 0.00	30.53 -0.11 0.00	28.19 -0.28 0.00	29.84 -0.23 0.00	29.26 -0.07 0.00	26.62 0.03 0.00	29.98 0.07 0.00	26.32 0.05 0.00	31.59 0.00 0.00	32.79 -0.03 0.00	33.99 -0.05 0.00	36.34 -0.03 -0.18	43.71 -0.04 -2.26	61.10 0.05 -5.42	58.49 0.13 -4.87	50.48 0.31 -3.54	33.41 0.23 -0.24	31.86 0.31 0.00	29.30 0.41 0.00	30.85 0.41 -0.11	30.95 0.30 -0.11	28.03 0.17 0.00	22.10 -0.14 0.00	20.43 -0.18 0.00
S.PERRY___115KV_TB1 80734	33.84 2.04 0.00	32.88 2.24 0.00	30.15 1.68 0.00	31.88 1.81 0.00	31.19 1.86 0.00	28.22 1.63 0.00	32.17 2.26 0.00	28.05 1.79 0.00	33.95 2.36 0.00	35.33 2.51 0.00	35.80 1.76 0.00	37.39 1.20 0.00	42.33 0.83 0.00	56.80 1.17 0.00	55.13 1.64 0.00	48.73 2.09 0.00	34.70 1.76 0.00	33.58 2.03 0.00	30.67 1.78 0.00	32.26 1.94 0.00	32.43 1.89 0.00	29.76 1.90 0.00	23.72 1.48 0.00	22.17 1.56 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	32.88 1.07 0.00	32.15 1.50 0.00	29.38 0.91 0.00	31.02 0.94 0.00	30.47 1.14 0.00	27.42 0.84 0.00	31.31 1.40 0.00	27.17 0.90 0.00	32.88 1.29 0.00	34.18 1.36 0.00	34.93 0.89 0.00	37.03 0.83 0.00	42.30 0.81 0.00	56.85 1.22 0.00	55.11 1.62 0.00	48.69 2.06 0.00	34.37 1.43 0.00	33.03 1.47 0.00	30.48 1.59 0.00	32.06 1.74 0.00	31.94 1.41 0.00	29.26 1.41 0.00	22.90 0.66 0.00	21.56 0.95 0.00
SAWYER___23_KV_LOAD 55526	32.88 1.07 0.00	32.15 1.50 0.00	29.38 0.91 0.00	31.02 0.94 0.00	30.47 1.14 0.00	27.42 0.84 0.00	31.31 1.40 0.00	27.17 0.90 0.00	32.88 1.29 0.00	34.18 1.36 0.00	34.93 0.89 0.00	37.03 0.83 0.00	42.30 0.81 0.00	56.85 1.22 0.00	55.11 1.62 0.00	48.69 2.06 0.00	34.37 1.43 0.00	33.03 1.47 0.00	30.48 1.59 0.00	32.06 1.74 0.00	31.94 1.41 0.00	29.26 1.41 0.00	22.90 0.66 0.00	21.56 0.95 0.00
SELKIRK___I 23801	32.73 0.93 0.00	31.47 0.83 0.00	29.32 0.85 0.00	30.97 0.90 0.00	30.16 0.83 0.00	27.38 0.79 0.00	30.52 0.76 0.14	26.83 0.57 0.00	32.44 0.61 -0.23	37.66 0.60 -4.25	34.42 0.60 0.22	36.79 0.64 0.03	42.29 0.80 0.00	56.88 1.25 0.00	54.72 1.19 -0.04	60.28 1.39 -12.26	33.98 1.04 0.00	32.42 0.87 0.00	29.71 0.83 0.00	31.10 0.78 0.00	31.13 0.59 0.00	28.31 0.46 0.00	22.68 0.44 0.00	21.20 0.48 -0.11
SELKIRK___II 23799	32.55 0.75 0.00	31.27 0.63 0.00	29.12 0.66 0.00	30.75 0.68 0.00	29.94 0.61 0.00	27.19 0.60 0.00	30.29 0.55 0.16	26.70 0.44 0.00	32.29 0.48 -0.22	37.70 0.46 -4.43	34.19 0.40 0.25	36.52 0.37 0.04	41.97 0.48 0.00	56.39 0.76 0.00	54.30 0.76 -0.04	60.76 0.97 -13.14	33.66 0.72 0.00	32.11 0.56 0.00	29.42 0.53 0.00	30.76 0.44 0.00	30.79 0.26 0.00	28.02 0.17 0.00	22.48 0.25 0.00	21.07 0.34 -0.12
SENECA OSWGO___HYD 24041	31.42 -0.38 0.00	30.40 -0.25 0.00	28.19 -0.28 0.00	29.79 -0.28 0.00	29.02 -0.31 0.00	26.26 -0.33 0.00	29.58 -0.33 0.00	25.93 -0.34 0.00	31.15 -0.45 0.00	32.40 -0.42 0.00	33.54 -0.49 0.00	35.96 -0.49 -0.26	44.16 -0.52 -3.19	62.77 -0.58 -7.72	59.94 -0.48 -6.93	51.52 -0.16 -5.04	33.15 -0.12 -0.33	31.46 -0.09 0.00	28.90 0.02 0.00	30.45 -0.04 -0.16	30.51 -0.18 -0.16	27.69 -0.16 0.00	21.97 -0.27 0.00	20.37 -0.24 0.00
SENECA___115KV_TB3 355854	33.18 1.38 0.00	32.41 1.76 0.00	29.61 1.15 0.00	31.29 1.22 0.00	30.69 1.36 0.00	27.65 1.06 0.00	31.60 1.69 0.00	27.44 1.17 0.00	33.24 1.64 0.00	34.57 1.75 0.00	35.35 1.31 0.00	37.54 1.34 0.00	42.91 1.41 0.00	57.73 2.10 0.00	55.97 2.48 0.00	49.40 2.76 0.00	34.83 1.89 0.00	33.45 1.90 0.00	30.88 1.99 0.00	32.44 2.12 0.00	32.31 1.78 0.00	29.60 1.76 0.00	23.15 0.91 0.00	21.73 1.13 0.00
SENECA___ENERGY 23797	32.11 0.30 0.00	31.09 0.45 0.00	28.77 0.31 0.00	30.40 0.33 0.00	29.62 0.29 0.00	26.91 0.32 0.00	30.48 0.57 0.00	26.74 0.48 0.00	32.14 0.55 0.00	33.47 0.65 0.00	34.53 0.49 0.00	36.94 0.66 -0.09	43.41 0.77 -1.14	59.47 1.08 -2.77	57.30 1.32 -2.48	49.92 1.48 -1.80	34.08 1.02 -0.12	32.62 1.07 0.00	29.98 1.09 0.00	31.45 1.07 -0.06	31.47 0.87 -0.06	28.67 0.82 0.00	22.65 0.41 0.00	20.99 0.38 0.00
SHOEMAKER___GT 23640	33.08 1.28 0.00	31.72 1.07 0.00	29.47 1.01 0.00	31.05 0.98 0.00	30.25 0.92 0.00	27.54 0.96 0.00	31.16 1.10 -0.16	27.32 1.05 0.00	31.30 1.20 1.49	16.68 1.29 17.43	35.68 1.41 -0.23	37.82 1.59 -0.04	43.44 1.95 0.00	58.30 2.67 0.00	56.28 2.91 0.12	11.96 2.87 37.55	34.88 1.93 0.00	33.23 1.68 0.00	30.47 1.58 0.00	31.73 1.41 0.00	31.71 1.18 0.00	28.95 1.10 0.00	23.17 0.92 0.00	20.98 0.79 0.42
SHOEMAKR_138KV_BK 111 55601	33.05 1.24 0.00	31.68 1.04 0.00	29.44 0.97 0.00	31.02 0.95 0.00	30.21 0.88 0.00	27.51 0.93 0.00	31.12 1.06 -0.15	27.30 1.03 0.00	31.36 1.17 1.41	17.59 1.26 16.49	35.67 1.40 -0.23	37.82 1.59 -0.04	43.45 1.95 0.00	58.30 2.67 0.00	56.25 2.87 0.11	13.11 2.84 36.37	34.86 1.92 0.00	33.22 1.67 0.00	30.46 1.58 0.00	31.72 1.40 0.00	31.68 1.14 0.00	28.92 1.07 0.00	23.15 0.90 0.00	20.98 0.76 0.40
SHOREHAM_IC_1 23715	35.00 2.50 -0.69	32.95 2.30 0.00	30.54 2.07 0.00	31.95 1.87 0.00	31.03 1.70 0.00	28.37 1.78 0.00	32.16 2.05 -0.20	28.06 1.79 0.00	36.44 2.29 -2.56	59.20 2.44 -23.94	36.65 2.31 -0.30	38.82 2.58 -0.05	44.61 3.11 0.00	59.79 4.16 0.00	58.24 4.31 -0.44	100.89 4.34 -49.91	52.85 3.33 -16.57	42.81 2.93 -8.32	31.60 2.71 0.00	32.37 2.04 0.00	32.13 1.59 0.00	29.32 1.47 0.00	23.39 1.14 0.00	22.30 1.15 -0.53
SHOREHAM_IC_2 23716	35.00 2.50 -0.69	32.95 2.30 0.00	30.54 2.07 0.00	31.95 1.87 0.00	31.03 1.70 0.00	28.37 1.78 0.00	32.16 2.05 -0.20	28.06 1.79 0.00	36.44 2.29 -2.56	59.20 2.44 -23.94	36.65 2.31 -0.30	38.82 2.58 -0.05	44.61 3.11 0.00	59.79 4.16 0.00	58.24 4.31 -0.44	100.89 4.34 -49.91	52.85 3.33 -16.57	42.81 2.93 -8.32	31.60 2.71 0.00	32.37 2.04 0.00	32.13 1.59 0.00	29.32 1.47 0.00	23.39 1.14 0.00	22.30 1.15 -0.53

SISSONVILLE____ 23735	30.88 -0.92 0.00	29.69 -0.96 0.00	27.41 -1.06 0.00	29.07 -1.01 0.00	28.53 -0.80 0.00	25.84 -0.75 0.00	29.26 -0.66 0.00	25.79 -0.48 0.00	31.02 -0.58 0.00	32.17 -0.65 0.00	33.45 -0.60 0.00	35.42 -0.80 -0.03	40.87 -0.97 -0.35	54.97 -1.44 -0.79	52.65 -1.55 -0.70	45.05 -2.10 -0.51	31.51 -1.47 -0.03	30.31 -1.24 0.00	27.38 -1.51 0.00	29.51 -0.83 -0.02	30.00 -0.56 -0.02	27.31 -0.54 0.00	21.78 -0.47 0.00	20.14 -0.47 0.00
SITHE_IND_GS1 24169	30.91 -0.89 0.00	29.92 -0.73 0.00	27.77 -0.70 0.00	29.34 -0.73 0.00	28.58 -0.75 0.00	25.84 -0.75 0.00	29.09 -0.82 0.00	25.52 -0.75 0.00	30.69 -0.90 0.00	31.91 -0.91 0.00	33.03 -1.01 0.00	34.26 -1.02 0.91	29.10 -1.15 11.25	26.90 -1.48 27.24	27.70 -1.34 24.46	27.88 -0.99 17.77	31.05 -0.71 1.18	30.89 -0.66 0.00	28.33 -0.55 0.00	29.14 -0.61 0.57	29.24 -0.73 0.57	27.21 -0.64 0.00	21.62 -0.62 0.00	20.06 -0.55 0.00
SITHE_IND_GS2 24170	30.91 -0.89 0.00	29.92 -0.73 0.00	27.77 -0.70 0.00	29.34 -0.73 0.00	28.58 -0.75 0.00	25.84 -0.75 0.00	29.09 -0.82 0.00	25.52 -0.75 0.00	30.69 -0.90 0.00	31.91 -0.91 0.00	33.03 -1.01 0.00	34.26 -1.02 0.91	29.10 -1.15 11.25	26.90 -1.48 27.24	27.70 -1.34 24.46	27.88 -0.99 17.77	31.05 -0.71 1.18	30.89 -0.66 0.00	28.33 -0.55 0.00	29.14 -0.61 0.57	29.24 -0.73 0.57	27.21 -0.64 0.00	21.62 -0.62 0.00	20.06 -0.55 0.00
SITHE_IND_GS3 24171	30.91 -0.89 0.00	29.92 -0.73 0.00	27.77 -0.70 0.00	29.34 -0.73 0.00	28.58 -0.75 0.00	25.84 -0.75 0.00	29.09 -0.82 0.00	25.52 -0.75 0.00	30.69 -0.90 0.00	31.91 -0.91 0.00	33.03 -1.01 0.00	34.26 -1.02 0.91	29.10 -1.15 11.25	26.90 -1.48 27.24	27.70 -1.34 24.46	27.88 -0.99 17.77	31.05 -0.71 1.18	30.89 -0.66 0.00	28.33 -0.55 0.00	29.14 -0.61 0.57	29.24 -0.73 0.57	27.21 -0.64 0.00	21.62 -0.62 0.00	20.06 -0.55 0.00
SITHE_IND_GS4 24172	30.91 -0.89 0.00	29.92 -0.73 0.00	27.77 -0.70 0.00	29.34 -0.73 0.00	28.58 -0.75 0.00	25.84 -0.75 0.00	29.09 -0.82 0.00	25.52 -0.75 0.00	30.69 -0.90 0.00	31.91 -0.91 0.00	33.03 -1.01 0.00	34.26 -1.02 0.91	29.10 -1.15 11.25	26.90 -1.48 27.24	27.70 -1.34 24.46	27.88 -0.99 17.77	31.05 -0.71 1.18	30.89 -0.66 0.00	28.33 -0.55 0.00	29.14 -0.61 0.57	29.24 -0.73 0.57	27.21 -0.64 0.00	21.62 -0.62 0.00	20.06 -0.55 0.00
SITHE____BATAVIA 24024	33.58 1.77 0.00	32.74 2.09 0.00	29.95 1.48 0.00	31.59 1.52 0.00	31.05 1.72 0.00	27.97 1.38 0.00	31.88 1.97 0.00	27.71 1.44 0.00	33.53 1.94 0.00	34.86 2.04 0.00	35.69 1.66 0.00	37.76 1.60 0.03	42.83 1.72 0.38	57.28 2.58 0.92	55.60 2.94 0.83	49.23 3.19 0.60	35.14 2.23 0.04	33.88 2.33 0.00	31.19 2.31 0.00	32.94 2.64 0.02	32.84 2.32 0.02	30.04 2.19 0.00	23.47 1.23 0.00	22.02 1.40 0.00
SITHE____INDEPEND 23800	30.91 -0.89 0.00	29.92 -0.73 0.00	27.76 -0.70 0.00	29.34 -0.73 0.00	28.57 -0.76 0.00	25.84 -0.75 0.00	29.09 -0.82 0.00	25.52 -0.75 0.00	30.69 -0.90 0.00	31.90 -0.91 0.00	33.03 -1.01 0.00	34.25 -1.02 0.91	29.10 -1.14 11.25	26.90 -1.48 27.24	27.70 -1.34 24.46	27.88 -0.99 17.77	31.05 -0.71 1.18	30.89 -0.66 0.00	28.34 -0.55 0.00	29.14 -0.61 0.57	29.24 -0.73 0.57	27.21 -0.65 0.00	21.62 -0.62 0.00	20.06 -0.55 0.00
SITHE____MASSENA 23902	31.50 -0.30 0.00	30.35 -0.30 0.00	28.14 -0.33 0.00	29.74 -0.33 0.00	29.10 -0.23 0.00	26.31 -0.27 0.00	29.70 -0.21 0.00	26.13 -0.14 0.00	31.48 -0.11 0.00	32.60 -0.22 0.00	33.87 -0.17 0.00	35.92 -0.28 0.00	41.08 -0.42 0.00	54.93 -0.69 0.00	52.68 -0.82 0.00	45.22 -1.42 0.00	31.92 -1.02 0.00	30.69 -0.86 0.00	27.75 -1.14 0.00	29.75 -0.57 0.00	30.25 -0.29 0.00	27.62 -0.23 0.00	22.10 -0.14 0.00	20.50 -0.10 0.00
SITHE____OGDNSBRG 24021	31.74 -0.07 0.00	30.53 -0.11 0.00	28.25 -0.21 0.00	29.89 -0.18 0.00	29.32 -0.02 0.00	26.56 -0.03 0.00	30.05 0.14 0.00	26.44 0.17 0.00	31.84 0.25 0.00	32.96 0.14 0.00	34.23 0.19 0.00	36.25 0.06 0.00	41.48 -0.01 0.00	55.50 -0.13 0.00	53.23 -0.26 0.00	45.57 -1.07 0.00	32.14 -0.80 0.00	30.99 -0.56 0.00	28.03 -0.86 0.00	30.15 -0.17 0.00	30.71 0.17 0.00	28.03 0.18 0.00	22.37 0.14 0.00	20.71 0.10 0.00
SITHE____STERLING 23777	32.68 0.87 0.00	31.46 0.82 0.00	29.11 0.65 0.00	30.81 0.73 0.00	30.13 0.80 0.00	27.43 0.85 0.00	30.96 1.05 0.00	27.18 0.92 0.00	32.70 1.11 0.00	33.94 1.12 0.00	35.21 1.17 0.00	37.63 1.39 -0.04	43.75 1.76 -0.49	59.35 2.49 -1.23	57.04 2.44 -1.11	49.52 2.07 -0.81	34.47 1.47 -0.05	33.04 1.49 0.00	30.34 1.46 0.00	31.84 1.49 -0.03	31.96 1.39 -0.03	29.00 1.15 0.00	22.97 0.73 0.00	21.21 0.60 0.00
SLEIGHT__34_KV_TB1 80719	32.67 0.86 0.00	31.61 0.96 0.00	29.21 0.75 0.00	30.86 0.79 0.00	30.09 0.76 0.00	27.31 0.73 0.00	31.06 1.15 0.00	27.24 0.98 0.00	32.86 1.26 0.00	34.16 1.34 0.00	35.27 1.23 0.00	37.72 1.46 -0.07	44.19 1.85 -0.85	60.28 2.58 -2.07	58.06 2.72 -1.86	50.69 2.70 -1.35	34.85 1.81 -0.09	33.38 1.83 0.00	30.65 1.77 0.00	32.13 1.77 -0.04	32.20 1.62 -0.04	29.30 1.45 0.00	23.06 0.82 0.00	21.35 0.74 0.00
SOUTH CAIRO____GT 23612	33.77 1.97 0.00	32.44 1.80 0.00	30.18 1.71 0.00	31.87 1.80 0.00	31.04 1.71 0.00	28.19 1.60 0.00	31.59 1.78 0.10	27.69 1.43 0.00	33.44 1.63 -0.22	37.79 1.42 -3.55	35.18 1.29 0.15	37.50 1.33 0.02	43.09 1.60 0.00	58.99 3.37 0.00	56.93 3.41 -0.03	58.16 2.91 -8.62	35.18 2.24 0.00	33.59 2.04 0.00	30.76 1.88 0.00	32.24 1.92 0.00	32.30 1.77 0.00	29.27 1.42 0.00	23.36 1.12 0.00	21.80 1.10 -0.09
SOUTH HAMPTN____IC 23720	35.79 3.29 -0.69	33.64 2.99 0.00	31.15 2.68 0.00	32.59 2.52 0.00	31.65 2.32 0.00	28.92 2.34 0.00	32.83 2.72 -0.20	28.72 2.45 0.00	37.33 3.18 -2.56	60.17 3.42 -23.94	37.71 3.37 -0.30	39.99 3.75 -0.05	45.96 4.47 0.00	61.66 6.03 0.00	60.03 6.12 -0.42	102.46 6.01 -49.81	53.31 4.49 -15.88	43.53 4.02 -7.96	32.54 3.65 0.00	33.31 2.99 0.00	33.03 2.49 0.00	30.09 2.23 0.00	23.96 1.72 0.00	22.81 1.67 -0.53
SOUTHDOW_115KV_TB1 355954	33.95 2.15 0.00	33.07 2.43 0.00	30.24 1.78 0.00	32.00 1.93 0.00	31.22 1.89 0.00	28.28 1.69 0.00	32.52 2.61 0.00	28.37 2.11 0.00	34.39 2.80 0.00	35.42 2.61 0.00	36.14 2.10 0.00	38.48 2.28 0.00	43.92 2.42 0.00	59.07 3.44 0.00	57.40 3.91 0.00	50.30 3.66 0.00	35.32 2.38 0.00	33.96 2.41 0.00	31.30 2.42 0.00	32.79 2.47 0.00	32.60 2.06 0.00	29.87 2.02 0.00	23.40 1.16 0.00	21.82 1.21 0.00
SOUTHOLD_69_KV_BK 2 55809	36.66 4.16 -0.69	34.42 3.78 0.00	31.86 3.40 0.00	33.34 3.27 0.00	32.37 3.04 0.00	29.58 3.00 0.00	33.61 3.50 -0.20	29.46 3.19 0.00	38.33 4.19 -2.56	61.22 4.47 -23.94	38.83 4.50 -0.30	41.24 5.00 -0.05	47.30 5.81 0.00	63.52 7.89 0.00	61.84 7.93 -0.42	104.07 7.61 -49.81	54.45 5.63 -15.89	44.61 5.10 -7.97	33.52 4.63 0.00	34.38 4.06 0.00	34.05 3.51 0.00	30.97 3.12 0.00	24.63 2.38 0.00	23.37 2.23 -0.53

SOUTHOLD___IC 23719	36.66 4.16 -0.69	34.42 3.77 0.00	31.86 3.40 0.00	33.34 3.27 0.00	32.37 3.03 0.00	29.58 3.00 0.00	33.61 3.49 -0.20	29.46 3.19 0.00	38.33 4.19 -2.56	61.22 4.47 -23.94	38.83 4.50 -0.30	41.23 4.99 -0.05	47.31 5.81 0.00	63.51 7.89 0.00	61.85 7.94 -0.42	104.08 7.63 -49.81	54.45 5.62 -15.89	44.61 5.09 -7.97	33.52 4.63 0.00	34.38 4.06 0.00	34.05 3.52 0.00	30.97 3.12 0.00	24.62 2.38 0.00	23.37 2.23 -0.53
SPIERFLS_115KV_TB 1 80737	33.33 1.53 0.00	31.98 1.34 0.00	29.68 1.22 0.00	31.37 1.30 0.00	30.52 1.19 0.00	27.74 1.15 0.00	30.93 1.25 0.23	27.35 1.08 0.00	32.98 1.28 -0.11	38.23 1.36 -4.05	35.07 1.38 0.35	37.72 1.58 0.06	43.17 1.68 0.00	58.09 2.47 0.00	55.88 2.34 -0.04	62.58 2.80 -13.14	35.04 2.09 0.00	33.36 1.81 0.00	30.81 1.92 0.00	32.10 1.78 0.00	32.07 1.53 0.00	29.20 1.35 0.00	23.31 1.07 0.00	21.70 0.97 -0.12
ST LAWRENCE____ 23600	31.24 -0.57 0.00	30.09 -0.55 0.00	27.93 -0.53 0.00	29.51 -0.56 0.00	28.85 -0.48 0.00	26.08 -0.51 0.00	29.41 -0.50 0.00	25.87 -0.39 0.00	31.17 -0.43 0.00	32.28 -0.54 0.00	33.53 -0.51 0.00	35.56 -0.63 0.00	40.66 -0.84 0.00	54.38 -1.25 0.00	52.14 -1.36 0.00	44.93 -1.71 0.00	31.73 -1.22 0.00	30.49 -1.06 0.00	27.76 -1.13 0.00	29.44 -0.88 0.00	29.93 -0.60 0.00	27.33 -0.52 0.00	21.91 -0.34 0.00	20.32 -0.29 0.00
STATE_CA_115KV_115_LB 55624	32.60 0.79 0.00	31.30 0.65 0.00	29.14 0.68 0.00	30.76 0.69 0.00	29.95 0.62 0.00	27.21 0.63 0.00	30.28 0.59 0.22	26.74 0.47 0.00	32.28 0.54 -0.14	37.69 0.59 -4.28	34.38 0.67 0.33	36.92 0.78 0.05	42.50 1.01 0.00	57.14 1.52 0.00	55.00 1.46 -0.04	61.88 1.62 -13.61	34.12 1.18 0.00	32.53 0.99 0.00	29.78 0.90 0.00	31.12 0.80 0.00	31.10 0.57 0.00	28.28 0.43 0.00	22.63 0.40 0.00	21.12 0.39 -0.12
STATE_ST_34_KV_LOAD 55959	32.31 0.51 0.00	31.23 0.59 0.00	28.96 0.50 0.00	30.63 0.56 0.00	29.81 0.48 0.00	27.12 0.53 0.00	30.69 0.78 0.00	26.92 0.65 0.00	32.37 0.78 0.00	33.68 0.86 0.00	34.68 0.65 0.00	37.21 0.90 -0.12	44.09 1.16 -1.44	60.53 1.42 -3.48	58.19 1.58 -3.12	50.81 1.90 -2.27	34.33 1.24 -0.15	32.86 1.31 0.00	30.18 1.30 0.00	31.60 1.21 -0.07	31.72 1.11 -0.07	28.87 1.03 0.00	22.76 0.52 0.00	21.06 0.45 0.00
STATION 5_MISC_HYD 23604	32.71 0.91 0.00	31.82 1.17 0.00	29.24 0.78 0.00	30.85 0.78 0.00	30.24 0.91 0.00	27.28 0.69 0.00	30.99 1.08 0.00	27.04 0.78 0.00	32.72 1.13 0.00	34.05 1.23 0.00	34.96 0.92 0.00	37.07 0.92 0.04	42.02 1.00 0.47	56.13 1.64 1.14	54.37 1.90 1.02	48.10 2.21 0.74	34.46 1.57 0.05	33.12 1.57 0.00	30.43 1.55 0.00	31.99 1.69 0.02	31.94 1.43 0.02	29.20 1.35 0.00	22.95 0.71 0.00	21.43 0.82 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	32.55 0.74 0.00	31.58 0.93 0.00	29.11 0.64 0.00	30.74 0.67 0.00	30.05 0.72 0.00	27.19 0.61 0.00	30.86 0.95 0.00	27.02 0.75 0.00	32.62 1.03 0.00	33.96 1.14 0.00	34.98 0.94 0.00	37.24 1.05 0.00	42.74 1.24 0.00	57.50 1.87 0.00	55.56 2.07 0.00	48.85 2.21 0.00	34.49 1.55 0.00	33.08 1.53 0.00	30.42 1.53 0.00	31.92 1.60 0.00	31.89 1.35 0.00	29.11 1.26 0.00	22.92 0.68 0.00	21.31 0.70 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	32.45 0.64 0.00	31.53 0.89 0.00	29.00 0.54 0.00	30.60 0.53 0.00	29.98 0.65 0.00	27.06 0.47 0.00	30.73 0.81 0.00	26.84 0.57 0.00	32.46 0.87 0.00	33.79 0.97 0.00	34.73 0.69 0.00	36.87 0.72 0.04	41.86 0.82 0.45	55.86 1.34 1.11	54.10 1.61 0.99	47.85 1.93 0.72	34.25 1.35 0.05	32.88 1.33 0.00	30.22 1.34 0.00	31.74 1.45 0.02	31.71 1.19 0.02	28.97 1.12 0.00	22.78 0.54 0.00	21.25 0.64 0.00
STA_56___34_KV_BUS2 355983	32.45 0.64 0.00	31.53 0.89 0.00	29.00 0.54 0.00	30.60 0.53 0.00	29.98 0.65 0.00	27.06 0.47 0.00	30.73 0.81 0.00	26.84 0.57 0.00	32.46 0.87 0.00	33.79 0.97 0.00	34.73 0.69 0.00	36.87 0.72 0.04	41.86 0.82 0.45	55.86 1.34 1.11	54.10 1.61 0.99	47.85 1.93 0.72	34.25 1.35 0.05	32.88 1.33 0.00	30.22 1.34 0.00	31.74 1.45 0.02	31.71 1.19 0.02	28.97 1.12 0.00	22.78 0.54 0.00	21.25 0.64 0.00
STA_67___115KV_BK2 355882	32.63 0.82 0.00	31.74 1.09 0.00	29.17 0.70 0.00	30.78 0.71 0.00	30.17 0.84 0.00	27.21 0.63 0.00	30.91 1.00 0.00	26.98 0.72 0.00	32.63 1.04 0.00	33.95 1.14 0.00	34.86 0.82 0.00	36.97 0.82 0.04	41.93 0.91 0.47	55.93 1.32 1.15	54.17 2.31 1.03	47.93 2.04 0.75	34.34 1.45 0.05	32.99 1.44 0.00	30.33 1.45 0.00	31.87 1.57 0.02	31.84 1.33 0.02	29.11 1.26 0.00	22.88 0.64 0.00	21.37 0.76 0.00
STA_7___115KV_9TRANS 80674	32.90 1.10 0.00	31.99 1.34 0.00	29.39 0.93 0.00	31.00 0.93 0.00	30.39 1.06 0.00	27.42 0.83 0.00	31.16 1.25 0.00	27.19 0.92 0.00	32.91 1.31 0.00	34.24 1.43 0.00	35.17 1.13 0.00	37.32 1.16 0.04	42.35 1.32 0.47	56.55 2.07 1.14	54.78 2.31 1.02	48.48 2.58 0.74	34.72 1.82 0.05	33.35 1.80 0.00	30.67 1.78 0.00	32.23 1.94 0.02	32.18 1.67 0.02	29.42 1.57 0.00	23.11 0.86 0.00	21.56 0.95 0.00
STA_82___115KV_TB1 80780	32.65 0.85 0.00	31.76 1.11 0.00	29.20 0.73 0.00	30.80 0.73 0.00	30.20 0.86 0.00	27.24 0.65 0.00	30.95 1.03 0.00	27.01 0.74 0.00	32.65 1.07 0.00	33.98 1.17 0.00	34.89 0.85 0.00	37.00 0.84 0.04	41.98 0.94 0.45	56.01 1.47 1.09	54.27 1.75 0.98	48.01 2.09 0.71	34.38 1.49 0.05	33.02 1.47 0.00	30.36 1.47 0.00	31.90 1.60 0.02	31.87 1.35 0.02	29.14 1.29 0.00	22.90 0.66 0.00	21.39 0.78 0.00
STEEL___WIND 323596	33.17 1.37 0.00	32.38 1.74 0.00	29.58 1.12 0.00	31.26 1.19 0.00	30.66 1.33 0.00	27.63 1.05 0.00	31.58 1.67 0.00	27.43 1.16 0.00	33.22 1.63 0.00	34.54 1.72 0.00	35.32 1.28 0.00	37.50 1.31 0.00	42.82 1.32 0.00	57.67 2.04 0.00	55.91 2.42 0.00	49.33 2.70 0.00	34.80 1.86 0.00	33.44 1.89 0.00	30.85 1.96 0.00	32.43 2.11 0.00	32.27 1.74 0.00	29.58 1.73 0.00	23.13 0.89 0.00	21.71 1.10 0.00
STEPHTWN_115KV_BK_2 55603	32.74 0.94 0.00	31.38 0.74 0.00	29.20 0.73 0.00	30.81 0.74 0.00	29.98 0.65 0.00	27.24 0.66 0.00	30.44 0.75 0.21	26.85 0.58 0.00	32.47 0.72 -0.16	37.94 0.78 -4.35	34.53 0.82 0.32	37.07 0.93 0.05	42.72 1.23 0.00	57.52 1.90 0.00	55.17 1.63 -0.04	62.05 1.70 -13.71	34.24 1.30 0.00	32.66 1.11 0.00	29.87 0.98 0.00	31.27 0.95 0.00	31.24 0.70 0.00	28.36 0.51 0.00	22.70 0.46 0.00	21.21 0.48 -0.12
STEUBEN_REC_LFGE 323667	33.34 1.54 0.00	32.39 1.75 0.00	29.71 1.25 0.00	31.47 1.40 0.00	30.73 1.40 0.00	27.87 1.28 0.00	31.84 1.92 0.00	27.81 1.54 0.00	33.52 1.93 0.00	34.91 2.09 0.00	35.84 1.80 0.00	38.11 1.92 0.00	43.54 2.05 0.00	58.57 2.94 0.00	56.65 3.16 0.00	49.64 3.00 0.00	35.09 2.14 0.00	33.75 2.20 0.00	30.89 2.01 0.00	32.57 2.25 0.00	32.54 2.00 0.00	29.81 1.96 0.00	23.47 1.23 0.00	21.81 1.20 0.00

STONY___BROOK 24151	35.34 2.84 -0.69	33.14 2.49 0.00	30.71 2.25 0.00	32.16 2.09 0.00	31.25 1.92 0.00	28.56 1.97 0.00	32.37 2.26 -0.20	28.37 2.10 0.00	36.81 2.66 -2.56	59.56 2.81 -23.94	36.95 2.61 -0.30	39.06 2.82 -0.05	44.81 3.31 0.00	59.91 4.29 0.00	58.32 4.26 -0.57	101.61 4.55 -50.42	56.85 3.48 -20.42	44.99 3.09 -10.35	31.60 2.71 -0.01	32.38 2.06 0.00	32.16 1.62 0.00	29.40 1.55 0.00	23.47 1.23 0.00	22.47 1.33 -0.53
STURGEON_POOL_HYD 23609	33.23 1.43 0.00	31.80 1.16 0.00	29.54 1.08 0.00	31.10 1.03 0.00	30.28 0.95 0.00	27.61 1.02 0.00	31.15 1.17 -0.07	27.46 1.20 0.00	33.13 1.42 -0.12	34.77 1.62 -0.33	36.00 1.85 -0.11	38.30 2.09 -0.02	44.10 2.61 0.00	59.12 3.49 0.00	57.15 3.65 0.00	50.18 3.54 0.00	35.31 2.36 0.00	33.60 2.05 0.00	30.77 1.89 0.00	31.95 1.63 0.00	31.86 1.32 0.00	29.12 1.27 0.00	23.32 1.08 0.00	21.49 0.88 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	33.10 1.29 0.00	31.71 1.06 0.00	29.46 0.99 0.00	31.02 0.95 0.00	30.21 0.88 0.00	27.54 0.96 0.00	31.17 1.10 -0.16	27.37 1.10 0.00	31.06 1.25 1.78	13.65 1.39 20.55	35.87 1.59 -0.25	38.06 1.82 -0.04	43.75 2.26 0.00	58.74 3.11 0.00	56.57 3.21 0.13	8.31 3.15 41.48	35.05 2.11 0.00	33.38 1.83 0.00	30.61 1.73 0.00	31.84 1.52 0.00	31.76 1.22 0.00	28.99 1.15 0.00	23.21 0.97 0.00	20.92 0.80 0.49
SWANROAD_115KV_TB1 355699	32.37 0.56 0.00	31.65 1.00 0.00	28.91 0.44 0.00	30.52 0.45 0.00	30.03 0.70 0.00	27.00 0.41 0.00	30.78 0.87 0.00	26.63 0.36 0.00	32.20 0.61 0.00	33.44 0.63 0.00	34.15 0.11 0.00	36.12 -0.05 0.03	40.85 -0.30 0.34	54.54 -0.26 0.82	52.91 0.16 0.74	46.96 0.86 0.54	33.61 0.70 0.04	32.30 0.75 0.00	29.85 0.96 0.00	31.45 1.15 0.02	31.35 0.83 0.02	28.72 0.87 0.00	22.47 0.23 0.00	21.27 0.66 0.00
SYNERGY___BIOGAS 323694	33.58 1.77 0.00	32.74 2.09 0.00	29.95 1.48 0.00	31.59 1.52 0.00	31.05 1.72 0.00	27.97 1.38 0.00	31.88 1.97 0.00	27.71 1.44 0.00	33.53 1.94 0.00	34.86 2.04 0.00	35.69 1.66 0.00	37.76 1.60 0.03	42.83 1.72 0.38	57.28 2.58 0.92	55.60 2.94 0.83	49.23 3.19 0.60	35.14 2.23 0.04	33.88 2.33 0.00	31.19 2.31 0.00	32.94 2.64 0.02	32.84 2.32 0.02	30.04 2.19 0.00	23.47 1.23 0.00	22.02 1.40 0.00
SYRACUSE___ENERGY_ST1 323597	31.81 0.00 0.00	30.75 0.10 0.00	28.52 0.05 0.00	30.14 0.07 0.00	29.36 0.03 0.00	26.60 0.02 0.00	30.00 0.09 0.00	26.32 0.05 0.00	31.65 0.06 0.00	32.92 0.10 0.00	34.08 0.04 0.00	36.50 0.17 -0.13	43.40 0.26 -1.64	60.02 0.43 -3.97	57.60 0.55 -3.56	49.94 0.71 -2.59	33.57 0.46 -0.17	32.02 0.47 0.00	29.41 0.52 0.00	30.86 0.46 -0.08	30.93 0.31 -0.08	28.14 0.29 0.00	22.29 0.06 0.00	20.65 0.04 0.00
SYRACUSE___ENERGY_ST2 323598	31.81 0.00 0.00	30.75 0.10 0.00	28.52 0.05 0.00	30.14 0.07 0.00	29.36 0.03 0.00	26.60 0.02 0.00	30.00 0.09 0.00	26.32 0.05 0.00	31.65 0.06 0.00	32.92 0.10 0.00	34.08 0.04 0.00	36.50 0.17 -0.13	43.40 0.26 -1.64	60.02 0.43 -3.97	57.60 0.55 -3.56	49.94 0.71 -2.59	33.57 0.46 -0.17	32.02 0.47 0.00	29.41 0.52 0.00	30.86 0.46 -0.08	30.93 0.31 -0.08	28.14 0.29 0.00	22.29 0.06 0.00	20.65 0.04 0.00
SYRACUSE___POWER 24017	31.83 0.03 0.00	30.77 0.12 0.00	28.53 0.06 0.00	30.15 0.08 0.00	29.37 0.04 0.00	26.60 0.01 0.00	30.00 0.08 0.00	26.30 0.03 0.00	31.62 0.03 0.00	32.90 0.08 0.00	34.04 0.01 0.00	36.39 0.12 -0.08	42.69 0.22 -0.98	58.38 0.38 -2.37	56.12 0.50 -2.13	48.86 0.67 -1.54	33.49 0.45 -0.10	32.00 0.45 0.00	29.40 0.51 0.00	30.83 0.46 -0.05	30.88 0.29 -0.05	28.13 0.28 0.00	22.29 0.05 0.00	20.65 0.04 0.00
TALLMAN___138KV_BK151 55660	33.23 1.42 0.00	31.81 1.16 0.00	29.56 1.10 0.00	31.11 1.04 0.00	30.31 0.98 0.00	27.67 1.08 0.00	31.36 1.27 -0.18	27.55 1.28 0.00	30.50 1.44 2.53	5.93 1.59 28.48	36.12 1.81 -0.27	38.30 2.06 -0.04	44.00 2.50 0.00	59.04 3.41 0.00	56.84 3.50 0.16	-1.15 3.49 51.28	35.32 2.37 0.00	33.63 2.08 0.00	30.86 1.97 0.00	32.06 1.73 0.00	31.93 1.39 0.00	29.16 1.31 0.00	23.35 1.11 0.00	20.84 0.91 0.68
TEALLAVE_115KV_TB7 355573	31.66 -0.14 0.00	30.63 -0.02 0.00	28.39 -0.07 0.00	30.00 -0.07 0.00	29.22 -0.11 0.00	26.45 -0.13 0.00	29.82 -0.09 0.00	26.14 -0.12 0.00	31.43 -0.16 0.00	32.70 -0.12 0.00	33.85 -0.19 0.00	36.15 -0.11 -0.06	42.18 -0.07 -0.75	57.47 0.02 -1.82	55.28 0.16 -1.63	48.20 0.38 -1.19	33.27 0.25 -0.08	31.81 0.25 0.00	29.20 0.32 0.00	30.62 0.26 -0.04	30.67 0.09 -0.04	27.94 0.09 0.00	22.15 -0.09 0.00	20.54 -0.07 0.00
TELGRAPH_34_KV_EAST 80808	33.07 1.27 0.00	32.29 1.64 0.00	29.51 1.04 0.00	31.15 1.08 0.00	30.62 1.29 0.00	27.55 0.96 0.00	31.38 1.47 0.00	27.21 0.94 0.00	32.89 1.30 0.00	34.19 1.38 0.00	34.96 0.93 0.00	37.03 0.86 0.03	41.97 0.83 0.36	56.06 1.31 0.88	54.36 1.66 0.79	48.14 2.07 0.57	34.39 1.49 0.04	33.07 1.52 0.00	30.55 1.67 0.00	32.17 1.87 0.02	32.08 1.56 0.02	29.38 1.53 0.00	22.97 0.73 0.00	21.64 1.03 0.00
TEMPLE___115KV_TB 2 55572	31.69 -0.11 0.00	30.65 0.00 0.00	28.42 -0.04 0.00	30.03 -0.04 0.00	29.25 -0.08 0.00	26.48 -0.11 0.00	29.85 -0.06 0.00	26.16 -0.11 0.00	31.46 -0.13 0.00	32.73 -0.09 0.00	33.88 -0.16 0.00	36.18 -0.07 -0.06	42.22 -0.02 -0.75	57.52 0.09 -1.81	55.34 0.22 -1.62	48.24 0.43 -1.18	33.31 0.29 -0.08	31.83 0.28 0.00	29.23 0.35 0.00	30.65 0.29 -0.04	30.69 0.12 -0.04	27.97 0.11 0.00	22.17 -0.07 0.00	20.55 -0.06 0.00
TIANA___69_KV_BK 1 55817	35.60 3.10 -0.69	33.46 2.81 0.00	31.00 2.53 0.00	32.42 2.35 0.00	31.50 2.17 0.00	28.78 2.19 0.00	32.66 2.55 -0.20	28.55 2.29 0.00	37.10 2.95 -2.56	59.93 3.17 -23.94	37.44 3.10 -0.30	39.69 3.45 -0.05	45.63 4.13 0.00	61.20 5.57 0.00	59.59 5.68 -0.42	102.05 5.60 -49.81	53.05 4.22 -15.88	43.30 3.79 -7.97	32.33 3.44 0.00	33.08 2.76 0.00	32.81 2.27 0.00	29.91 2.06 0.00	23.82 1.57 0.00	22.68 1.54 -0.53
TILDEN___115KV_TB1 80814	31.83 0.03 0.00	30.77 0.12 0.00	28.53 0.06 0.00	30.15 0.08 0.00	29.37 0.04 0.00	26.60 0.01 0.00	30.00 0.08 0.00	26.30 0.03 0.00	31.62 0.03 0.00	32.90 0.08 0.00	34.04 0.01 -0.08	36.39 0.12 -0.08	42.69 0.22 -0.98	58.38 0.38 -2.37	56.12 0.50 -2.13	48.86 0.67 -1.54	33.49 0.45 -0.10	32.00 0.45 0.00	29.40 0.51 0.00	30.83 0.46 -0.05	30.88 0.29 -0.05	28.13 0.28 0.00	22.29 0.05 0.00	20.65 0.04 0.00
TRIGEN___CC 323695	34.74 2.24 -0.69	32.55 1.90 0.00	30.18 1.71 0.00	31.68 1.60 0.00	30.82 1.48 0.00	28.14 1.56 0.00	31.86 1.75 -0.20	27.95 1.68 0.00	36.18 2.04 -2.56	58.94 2.19 -23.94	36.59 2.25 -0.30	38.71 2.47 -0.05	44.46 2.97 0.00	59.58 3.95 0.00	57.73 4.08 -0.15	99.55 4.18 -48.74	36.93 2.96 -1.03	34.10 2.55 0.00	31.20 2.31 0.00	32.20 1.88 0.00	32.08 1.54 0.00	29.38 1.53 0.00	23.51 1.26 0.00	22.32 1.18 -0.53

TRINITY__115KV__4 BK 55933	32.46 0.65 0.00	31.16 0.51 0.00	29.04 0.57 0.00	30.65 0.57 0.00	29.83 0.50 0.00	27.10 0.51 0.00	30.15 0.45 0.22	26.61 0.34 0.00	32.11 0.37 -0.16	37.58 0.41 -4.36	34.17 0.46 0.33	36.67 0.53 0.05	42.20 0.71 0.00	56.72 1.09 0.00	54.59 1.06 -0.04	61.66 1.29 -13.73	33.90 0.96 0.00	32.32 0.77 0.00	29.60 0.71 0.00	30.93 0.61 0.00	30.93 0.39 0.00	28.13 0.28 0.00	22.52 0.28 0.00	21.03 0.30 -0.12
UNION__PROCESSING_DRP 323587	32.67 0.87 0.00	31.77 1.13 0.00	29.21 0.75 0.00	30.82 0.75 0.00	30.21 0.88 0.00	27.25 0.67 0.00	30.96 1.05 0.00	27.02 0.75 0.00	32.67 1.08 0.00	34.00 1.19 0.00	34.90 0.86 0.00	37.02 0.86 0.04	42.02 0.96 0.44	56.07 1.51 1.07	54.30 1.77 0.96	48.06 2.11 0.70	34.39 1.49 0.05	33.03 1.48 0.00	30.37 1.49 0.00	31.92 1.62 0.02	31.89 1.37 0.02	29.15 1.30 0.00	22.91 0.67 0.00	21.40 0.79 0.00
UPPER HUDSON__HYD 24058	33.33 1.53 0.00	31.98 1.33 0.00	29.68 1.22 0.00	31.37 1.30 0.00	30.52 1.19 0.00	27.74 1.15 0.00	30.93 1.25 0.23	27.35 1.08 0.00	32.98 1.28 -0.11	38.23 1.36 -4.05	35.07 1.38 0.35	37.72 1.58 0.06	43.18 1.69 0.00	58.09 2.47 0.00	55.88 2.34 -0.04	62.59 2.80 -13.14	35.04 2.09 0.00	33.36 1.81 0.00	30.81 1.92 0.00	32.10 1.78 0.00	32.07 1.53 0.00	29.20 1.35 0.00	23.31 1.07 0.00	21.70 0.97 -0.12
UPPER RAQUET__HYD 24056	30.88 -0.92 0.00	29.69 -0.95 0.00	27.41 -1.06 0.00	29.07 -1.01 0.00	28.53 -0.80 0.00	25.84 -0.75 0.00	29.26 -0.66 0.00	25.79 -0.48 0.00	31.02 -0.58 0.00	32.17 -0.65 0.00	33.44 -0.60 0.00	35.43 -0.79 -0.03	40.89 -0.96 -0.35	54.98 -1.43 -0.79	52.65 -1.54 -0.70	45.05 -2.10 -0.51	31.51 -1.47 -0.03	30.31 -1.24 0.00	27.38 -1.51 0.00	29.51 -0.83 -0.02	29.99 -0.56 -0.02	27.31 -0.54 0.00	21.77 -0.47 0.00	20.14 -0.47 0.00
VALLEY44_115KV_TB2 355964	32.82 1.02 0.00	31.95 1.31 0.00	29.35 0.88 0.00	31.05 0.97 0.00	30.33 0.99 0.00	27.44 0.85 0.00	31.46 1.55 0.00	27.42 1.15 0.00	33.22 1.63 0.00	34.58 1.76 0.00	35.16 1.11 0.00	37.30 1.11 0.00	42.50 1.00 0.00	56.97 1.35 0.00	55.23 1.73 0.00	48.63 1.99 0.00	34.33 1.39 0.00	32.95 1.40 0.00	30.36 1.48 0.00	31.80 1.48 0.00	31.67 1.14 0.00	29.05 1.20 0.00	22.93 0.69 0.00	21.47 0.86 0.00
VALLEY__115KV_TB 1-4 80826	31.90 0.09 0.00	30.60 -0.04 0.00	28.49 0.02 0.00	30.14 0.06 0.00	29.32 -0.02 0.00	26.69 0.11 0.00	29.99 0.08 0.00	26.29 0.02 0.00	31.54 -0.05 0.00	32.74 -0.08 0.00	34.12 0.08 0.00	36.42 0.23 0.00	42.07 0.58 0.00	56.54 0.91 0.00	54.36 0.87 0.00	47.33 0.69 0.00	33.50 0.55 0.00	31.94 0.39 0.00	29.35 0.47 0.00	30.70 0.38 0.00	30.75 0.21 0.00	28.02 0.16 0.00	22.34 0.10 0.00	20.65 0.04 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	33.17 1.37 0.00	31.90 1.26 0.00	29.64 1.18 0.00	31.34 1.27 0.00	30.56 1.23 0.00	27.74 1.15 0.00	31.19 1.28 0.00	27.38 1.12 0.00	32.96 1.37 0.00	34.33 1.52 0.00	35.57 1.54 0.00	37.88 1.69 0.00	43.50 2.01 0.00	58.27 2.64 0.00	56.08 2.59 0.00	49.28 2.64 0.00	34.82 1.87 0.00	33.32 1.77 0.00	30.55 1.67 0.00	31.94 1.62 0.00	32.00 1.46 0.00	29.16 1.31 0.00	23.21 0.97 0.00	21.47 0.86 0.00
VISCHER__FERRY HYD 24020	32.98 1.18 0.00	31.68 1.03 0.00	29.50 1.04 0.00	31.16 1.09 0.00	30.33 0.99 0.00	27.52 0.94 0.00	30.56 0.96 0.30	26.99 0.72 0.00	32.43 0.82 -0.02	37.73 0.87 -4.04	34.54 0.96 0.46	37.21 1.09 0.07	42.85 1.35 0.00	57.58 1.95 0.00	55.43 1.89 -0.05	62.80 2.05 -14.11	34.48 1.54 0.00	32.87 1.32 0.00	30.14 1.26 0.00	31.53 1.21 0.00	31.51 0.97 0.00	28.65 0.80 0.00	22.92 0.69 0.00	21.39 0.66 -0.12
V_A_10_SYNC_DSASP 323832	32.43 0.62 0.00	31.66 1.02 0.00	29.02 0.55 0.00	30.63 0.56 0.00	30.09 0.76 0.00	27.09 0.50 0.00	30.86 0.95 0.00	26.82 0.55 0.00	32.44 0.85 0.00	33.73 0.91 0.00	34.52 0.48 0.00	36.53 0.37 0.04	41.33 0.30 0.47	55.02 0.53 1.14	53.36 0.88 1.02	47.30 1.40 0.74	33.88 0.99 0.05	32.57 1.02 0.00	30.01 1.12 0.00	31.54 1.25 0.02	31.47 0.96 0.02	28.82 0.97 0.00	22.62 0.37 0.00	21.27 0.65 0.00
V_CMM_10_SYNC_DSASP 323787	31.37 -0.43 0.00	30.24 -0.41 0.00	28.05 -0.41 0.00	29.64 -0.43 0.00	28.97 -0.36 0.00	26.19 -0.39 0.00	29.55 -0.36 0.00	25.99 -0.27 0.00	31.32 -0.27 0.00	32.43 -0.39 0.00	33.69 -0.35 0.00	35.73 -0.46 0.00	40.84 -0.65 0.00	54.64 -0.99 0.00	52.39 -1.10 0.00	45.16 -1.48 0.00	31.88 -1.06 0.00	30.64 -0.91 0.00	27.90 -0.99 0.00	29.58 -0.74 0.00	30.07 -0.47 0.00	27.46 -0.39 0.00	22.00 -0.24 0.00	20.42 -0.19 0.00
V_CMP_10_SYNC_DSASP 323788	31.93 0.13 0.00	30.54 -0.10 0.00	28.24 -0.22 0.00	30.01 -0.07 0.00	29.32 -0.01 0.00	26.59 0.00 0.00	30.16 0.25 0.00	26.84 0.57 0.00	32.45 0.86 0.00	33.74 0.92 0.00	34.91 0.87 0.00	37.10 0.91 0.00	42.47 0.97 0.00	56.60 0.97 0.00	54.19 0.70 0.00	47.06 0.42 0.00	33.48 0.54 0.00	32.14 0.58 0.00	29.42 0.53 0.00	31.07 0.75 0.00	31.35 0.81 0.00	28.64 0.78 0.00	22.91 0.67 0.00	21.19 0.58 0.00
V_E_10_SYNC_DSASP 323830	34.27 2.46 0.00	32.98 2.34 0.00	30.46 2.00 0.00	32.26 2.19 0.00	31.52 2.19 0.00	28.70 2.11 0.00	32.66 2.75 0.00	28.68 2.42 0.00	34.53 2.93 0.00	35.80 2.99 0.00	37.11 3.07 0.00	39.62 3.38 -0.05	46.25 4.17 -0.58	62.68 5.64 -1.41	60.29 5.53 -1.27	52.76 5.20 -0.92	36.55 3.54 -0.06	35.22 3.67 0.00	32.30 3.42 0.00	33.90 3.55 -0.03	33.83 3.26 -0.03	30.81 2.95 0.00	24.29 2.05 0.00	22.36 1.76 0.00
V_F_30_NSYNC__DSASP 323816	33.49 1.68 0.00	32.15 1.50 0.00	29.88 1.42 0.00	31.57 1.50 0.00	30.74 1.41 0.00	27.91 1.33 0.00	31.11 1.44 0.24	27.47 1.20 0.00	33.11 1.42 -0.09	38.35 1.49 -4.05	35.25 1.58 0.36	37.92 1.79 0.06	43.60 2.10 0.00	58.64 3.02 0.00	56.41 2.88 -0.04	62.96 3.04 -13.29	35.18 2.24 0.00	33.54 1.99 0.00	30.82 1.94 0.00	32.20 1.88 0.00	32.18 1.64 0.00	29.26 1.41 0.00	23.37 1.13 0.00	21.75 1.02 -0.12
V_F_30_SYNC_DSASP 323786	32.60 0.79 0.00	31.29 0.65 0.00	29.14 0.68 0.00	30.76 0.69 0.00	29.95 0.62 0.00	27.21 0.62 0.00	30.28 0.59 0.22	26.74 0.47 0.00	32.28 0.54 -0.15	37.69 0.58 -4.29	34.38 0.67 0.33	36.91 0.77 0.05	42.50 1.00 0.00	57.14 1.51 0.00	55.00 1.46 -0.04	61.88 1.62 -13.62	34.12 1.18 0.00	32.53 0.99 0.00	29.78 0.90 0.00	31.12 0.80 0.00	31.10 0.57 0.00	28.28 0.43 0.00	22.63 0.40 0.00	21.12 0.39 -0.12
V_XM_10_SYNC_DSASP 323789	31.93 0.13 0.00	30.54 -0.10 0.00	28.24 -0.22 0.00	30.01 -0.07 0.00	29.32 -0.01 0.00	26.59 0.00 0.00	30.16 0.25 0.00	26.84 0.57 0.00	32.45 0.86 0.00	33.74 0.92 0.00	34.91 0.87 0.00	37.10 0.91 0.00	42.47 0.97 0.00	56.60 0.97 0.00	54.19 0.70 0.00	47.06 0.42 0.00	33.48 0.54 0.00	32.14 0.58 0.00	29.42 0.53 0.00	31.07 0.75 0.00	31.35 0.81 0.00	28.64 0.78 0.00	22.91 0.67 0.00	21.19 0.58 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	33.35 1.54 0.00	31.92 1.28 0.00	29.67 1.21 0.00	31.22 1.14 0.00	30.42 1.09 0.00	27.76 1.18 0.00	31.47 1.38 -0.18	27.64 1.37 0.00	30.43 1.56 2.73	4.02 1.72 30.51	36.25 1.94 -0.27	38.45 2.21 -0.04	44.19 2.70 0.00	59.32 3.70 0.00	57.11 3.78 0.16	-3.02 3.71 53.37	35.46 2.51 0.00	33.75 2.21 0.00	30.97 2.08 0.00	32.17 1.85 0.00	32.04 1.50 0.00	29.26 1.41 0.00	23.43 1.19 0.00	20.87 0.98 0.72
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	33.63 1.82 0.00	32.17 1.53 0.00	29.87 1.41 0.00	31.41 1.34 0.00	30.60 1.27 0.00	27.93 1.35 0.00	31.70 1.59 -0.20	27.91 1.64 0.00	36.06 1.90 -2.58	59.04 2.09 -24.13	36.62 2.29 -0.30	38.72 2.48 -0.05	44.47 2.98 0.00	59.68 4.06 0.00	57.79 4.14 -0.15	99.33 4.11 -48.58	35.69 2.75 0.00	34.00 2.45 0.00	31.21 2.33 0.00	32.38 2.06 0.00	32.23 1.69 0.00	29.48 1.63 0.00	23.64 1.39 0.00	22.32 1.18 -0.54
W50THST__13_KV_LOAD 356117	33.80 1.99 0.00	32.33 1.68 0.00	30.00 1.54 0.00	31.55 1.48 0.00	30.74 1.41 0.00	28.09 1.50 0.00	31.94 1.82 -0.20	28.14 1.87 0.00	36.37 2.21 -2.58	59.38 2.43 -24.13	36.96 2.62 -0.30	39.06 2.82 -0.05	44.85 3.36 0.00	60.19 4.57 0.00	58.29 4.64 -0.15	99.73 4.51 -48.58	35.96 3.01 0.00	34.25 2.70 0.00	31.45 2.56 0.00	32.62 2.30 0.00	32.47 1.93 0.00	29.70 1.86 0.00	23.81 1.57 0.00	22.48 1.34 -0.54
WADING RIVER_IC_1 23522	34.99 2.49 -0.69	32.94 2.29 0.00	30.53 2.07 0.00	31.94 1.87 0.00	31.03 1.70 0.00	28.35 1.77 0.00	32.16 2.05 -0.20	28.04 1.77 0.00	36.43 2.28 -2.56	59.19 2.44 -23.94	36.63 2.29 -0.30	38.79 2.55 -0.05	44.58 3.08 0.00	59.73 4.11 0.00	58.13 4.22 -0.41	100.70 4.25 -49.80	52.04 3.26 -15.84	42.37 2.88 -7.94	31.55 2.66 0.00	32.32 1.99 0.00	32.08 1.54 0.00	29.28 1.43 0.00	23.35 1.11 0.00	22.28 1.14 -0.53
WADING RIVER_IC_2 23547	34.99 2.49 -0.69	32.94 2.29 0.00	30.53 2.07 0.00	31.94 1.87 0.00	31.03 1.70 0.00	28.35 1.77 0.00	32.16 2.05 -0.20	28.04 1.77 0.00	36.43 2.28 -2.56	59.19 2.44 -23.94	36.63 2.29 -0.30	38.79 2.55 -0.05	44.58 3.08 0.00	59.73 4.11 0.00	58.13 4.22 -0.41	100.70 4.25 -49.80	52.04 3.26 -15.84	42.37 2.88 -7.94	31.55 2.66 0.00	32.32 1.99 0.00	32.08 1.54 0.00	29.28 1.43 0.00	23.35 1.11 0.00	22.28 1.14 -0.53
WADING RIVER_IC_3 23601	34.99 2.49 -0.69	32.94 2.29 0.00	30.53 2.07 0.00	31.94 1.87 0.00	31.03 1.70 0.00	28.35 1.77 0.00	32.16 2.05 -0.20	28.04 1.77 0.00	36.43 2.28 -2.56	59.19 2.44 -23.94	36.63 2.29 -0.30	38.79 2.55 -0.05	44.58 3.08 0.00	59.73 4.11 0.00	58.13 4.22 -0.41	100.70 4.25 -49.80	52.04 3.26 -15.84	42.37 2.88 -7.94	31.55 2.66 0.00	32.32 1.99 0.00	32.08 1.54 0.00	29.28 1.43 0.00	23.35 1.11 0.00	22.28 1.14 -0.53
WALDENNY_I2_KV_BK2 80841	33.19 1.38 0.00	32.40 1.76 0.00	29.61 1.14 0.00	31.27 1.20 0.00	30.69 1.36 0.00	27.65 1.06 0.00	31.59 1.68 0.00	27.43 1.16 0.00	33.23 1.64 0.00	34.57 1.76 0.00	35.36 1.32 0.00	37.55 1.35 0.00	42.91 1.41 0.00	57.77 2.14 0.00	55.98 2.49 0.00	49.42 2.78 0.00	34.86 1.92 0.00	33.48 1.93 0.00	30.90 2.01 0.00	32.49 2.17 0.00	32.34 1.80 0.00	29.62 1.77 0.00	23.15 0.92 0.00	21.75 1.15 0.00
WALDEN__HYDRO 24148	33.49 1.68 0.00	32.07 1.42 0.00	29.77 1.31 0.00	31.34 1.27 0.00	30.52 1.19 0.00	27.83 1.24 0.00	31.49 1.43 -0.15	27.67 1.40 0.00	32.97 1.64 0.27	29.97 1.79 4.64	36.23 1.97 -0.22	38.46 2.23 -0.04	44.33 2.83 0.00	59.51 3.89 0.00	57.54 4.08 0.03	39.76 3.85 10.72	35.54 2.60 0.00	33.85 2.30 0.00	31.01 2.13 0.00	32.26 1.94 0.00	32.20 1.66 0.00	29.38 1.53 0.00	23.50 1.26 0.00	21.55 1.06 0.12
WARRENSBURG____ 23737	33.33 1.53 0.00	31.98 1.33 0.00	29.68 1.22 0.00	31.37 1.30 0.00	30.52 1.19 0.00	27.74 1.15 0.00	30.93 1.25 0.23	27.35 1.08 0.00	32.98 1.28 -0.11	38.23 1.36 -4.05	35.07 1.38 0.35	37.72 1.58 0.06	43.18 1.69 0.00	58.09 2.47 0.00	55.88 2.34 -0.04	62.59 2.80 -13.14	35.04 2.09 0.00	33.36 1.81 0.00	30.81 1.92 0.00	32.10 1.78 0.00	32.07 1.53 0.00	29.20 1.35 0.00	23.31 1.07 0.00	21.70 0.97 -0.12
WATERSIDE____6 8 9 23538	33.71 1.91 0.00	32.25 1.60 0.00	29.93 1.46 0.00	31.46 1.39 0.00	30.65 1.32 0.00	28.00 1.42 0.00	31.74 1.63 -0.20	27.95 1.68 0.00	36.10 1.93 -2.57	59.03 2.09 -24.12	36.54 2.21 -0.30	38.64 2.40 -0.05	44.35 2.85 0.00	59.47 3.84 0.00	57.63 3.98 -0.15	99.09 3.88 -48.57	35.56 2.62 0.00	33.86 2.31 0.00	31.13 2.25 0.00	32.31 1.99 0.00	32.20 1.66 0.00	29.47 1.62 0.00	23.66 1.42 0.00	22.32 1.17 -0.54
WATKINRD_115KV_LN8_ILLION 55919	31.94 0.13 0.00	30.66 0.01 0.00	28.53 0.06 0.00	30.17 0.10 0.00	29.39 0.06 0.00	26.75 0.17 0.00	30.07 0.16 0.00	26.37 0.10 0.00	31.66 0.06 0.00	32.87 0.05 0.00	34.17 0.13 0.00	36.43 0.24 0.00	41.98 0.48 0.00	56.38 0.75 0.00	54.22 0.73 0.00	47.30 0.66 0.00	33.48 0.53 0.00	31.97 0.41 0.00	29.36 0.47 0.00	30.73 0.41 0.00	30.80 0.27 0.00	27.99 0.14 0.00	22.32 0.08 0.00	20.65 0.04 0.00
WATSON__69_KV_BK 1 55734	35.71 3.21 -0.69	33.44 2.80 0.00	30.98 2.51 0.00	32.45 2.38 0.00	31.52 2.19 0.00	28.80 2.22 0.00	32.66 2.55 -0.20	28.66 2.40 0.00	37.18 3.04 -2.56	59.95 3.20 -23.94	37.40 3.06 -0.30	39.53 3.29 -0.05	45.41 3.92 0.00	60.85 5.23 0.00	59.05 5.27 -0.29	101.27 5.34 -49.29	45.43 4.02 -8.47	39.07 3.54 -3.99	32.00 3.11 0.00	32.84 2.51 0.00	32.67 2.13 0.00	29.88 2.03 0.00	23.84 1.59 0.00	22.70 1.56 -0.53
WDELAWARE__HYD 323627	33.11 1.30 0.00	31.70 1.05 0.00	29.42 0.96 0.00	30.97 0.90 0.00	30.17 0.84 0.00	27.49 0.90 0.00	31.05 1.05 -0.09	27.36 1.09 0.00	32.69 1.26 0.16	31.35 1.43 2.90	35.75 1.57 -0.14	38.04 1.82 -0.02	43.59 2.09 0.00	57.26 1.63 0.00	55.54 2.08 0.03	40.83 2.16 7.97	34.35 1.41 0.00	32.72 1.17 0.00	29.97 1.09 0.00	31.20 0.88 0.00	31.24 0.71 0.00	29.12 1.27 0.00	23.27 1.03 0.00	21.35 0.82 0.08
WEST BABYLON__IC 23714	35.55 3.05 -0.69	33.29 2.65 0.00	30.84 2.38 0.00	32.31 2.24 0.00	31.39 2.06 0.00	28.68 2.09 0.00	32.51 2.40 -0.20	28.54 2.27 0.00	37.01 2.86 -2.56	59.74 2.98 -23.94	37.20 2.87 -0.30	39.33 3.09 -0.05	45.18 3.69 0.00	60.53 4.90 0.00	58.64 4.97 -0.18	100.57 5.07 -48.86	39.50 3.76 -2.80	35.77 3.26 -0.95	31.78 2.90 0.00	32.66 2.34 0.00	32.51 1.98 0.00	29.79 1.94 0.00	23.80 1.56 0.00	22.65 1.51 -0.53
WEST CANADA__HYD 24049	32.01 0.21 0.00	30.78 0.13 0.00	28.59 0.12 0.00	30.23 0.15 0.00	29.54 0.20 0.00	26.87 0.29 0.00	30.22 0.31 0.00	26.54 0.28 0.00	31.93 0.33 0.00	33.16 0.34 0.00	34.43 0.39 0.00	36.66 0.46 0.00	42.07 0.58 0.00	56.45 0.82 0.00	54.24 0.75 0.00	47.35 0.71 0.00	33.48 0.53 0.00	32.05 0.49 0.00	29.37 0.49 0.00	30.76 0.43 0.00	30.90 0.36 0.00	27.97 0.12 0.00	22.32 0.08 0.00	20.67 0.06 0.00

WESTERN_NY_WIND 24143	33.56 1.75 0.00	32.73 2.08 0.00	29.93 1.46 0.00	31.57 1.50 0.00	31.02 1.70 0.00	27.95 1.36 0.00	31.87 1.95 0.00	27.68 1.42 0.00	33.50 1.91 0.00	34.83 2.01 0.00	35.64 1.60 0.00	37.72 1.56 0.03	42.78 1.66 0.37	57.22 2.50 0.91	55.54 2.86 0.81	49.17 3.12 0.59	35.09 2.18 0.04	33.83 2.28 0.00	31.16 2.27 0.00	32.91 2.61 0.02	32.81 2.29 0.02	30.01 2.16 0.00	23.44 1.20 0.00	21.99 1.38 0.00
WESTOVER___LESR 323668	32.41 0.61 0.00	31.31 0.67 0.00	28.97 0.50 0.00	30.69 0.62 0.00	29.80 0.47 0.00	27.07 0.49 0.00	30.65 0.74 0.00	26.88 0.61 0.00	32.39 0.80 0.00	33.71 0.89 0.00	34.79 0.76 0.00	37.18 0.94 -0.04	43.14 1.12 -0.52	58.41 1.53 -1.25	56.31 1.70 -1.12	49.20 1.74 -0.82	34.17 1.17 -0.06	32.66 1.11 0.00	29.96 1.08 0.00	31.39 1.05 -0.03	31.40 0.83 -0.03	28.68 0.83 0.00	22.73 0.49 0.00	21.04 0.43 0.00
WETHRSFD_WT_PWR 323626	32.85 1.04 0.00	32.05 1.41 0.00	29.34 0.87 0.00	31.06 0.98 0.00	30.39 1.06 0.00	27.47 0.88 0.00	31.36 1.45 0.00	27.29 1.02 0.00	32.99 1.40 0.00	34.32 1.50 0.00	35.12 1.08 0.00	37.33 1.14 0.00	42.60 1.10 0.00	57.30 1.67 0.00	55.52 2.03 0.00	48.86 2.22 0.00	34.47 1.52 0.00	33.12 1.58 0.00	30.50 1.61 0.00	32.06 1.74 0.00	31.93 1.39 0.00	29.23 1.38 0.00	22.91 0.67 0.00	21.42 0.81 0.00
WHAVSTOR_138KV_BK127 55557	33.17 1.36 0.00	31.76 1.12 0.00	29.54 1.07 0.00	31.07 1.00 0.00	30.27 0.94 0.00	27.64 1.05 0.00	31.32 1.22 -0.18	27.50 1.23 0.00	30.20 1.37 2.77	3.41 1.50 30.91	36.02 1.71 -0.27	38.18 1.94 -0.04	43.85 2.36 0.00	58.84 3.22 0.00	56.65 3.32 0.17	-3.81 3.34 53.78	35.21 2.27 0.00	33.53 1.98 0.00	30.77 1.88 0.00	31.96 1.64 0.00	31.84 1.30 0.00	29.09 1.23 0.00	23.30 1.06 0.00	20.74 0.86 0.73
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	33.17 1.36 0.00	31.76 1.12 0.00	29.54 1.07 0.00	31.07 1.00 0.00	30.27 0.94 0.00	27.64 1.05 0.00	31.32 1.22 -0.18	27.50 1.23 0.00	30.20 1.37 2.77	3.41 1.50 30.91	36.02 1.71 -0.27	38.18 1.94 -0.04	43.85 2.36 0.00	58.84 3.22 0.00	56.65 3.32 0.17	-3.81 3.34 53.78	35.21 2.27 0.00	33.53 1.98 0.00	30.77 1.88 0.00	31.96 1.64 0.00	31.84 1.30 0.00	29.09 1.23 0.00	23.30 1.06 0.00	20.74 0.86 0.73
WHITEHAL_115KV_TB1 80871	34.22 2.42 0.00	32.71 2.07 0.00	30.20 1.73 0.00	32.04 1.96 0.00	31.05 1.72 0.00	28.18 1.59 0.00	31.56 1.89 0.23	27.94 1.67 0.00	33.58 1.88 -0.10	38.88 2.02 -4.05	35.90 2.21 0.36	38.67 2.53 0.06	44.69 3.20 0.00	60.26 4.63 0.00	57.71 4.18 -0.04	64.82 4.98 -13.21	36.65 3.71 0.00	34.70 3.15 0.00	31.95 3.06 0.00	33.11 2.79 0.00	32.88 2.34 0.00	29.88 2.03 0.00	23.96 1.73 0.00	22.54 1.81 -0.12
WHITEPLN_13_KV_LOAD 356215	33.72 1.91 0.00	32.28 1.63 0.00	29.96 1.49 0.00	31.51 1.43 0.00	30.69 1.36 0.00	27.99 1.41 0.00	31.75 1.65 -0.20	27.91 1.64 0.00	36.22 1.91 -2.71	60.49 2.09 -25.58	36.74 2.41 -0.30	38.95 2.71 -0.05	44.89 3.39 0.00	60.30 4.68 0.00	58.38 4.73 -0.16	101.12 4.38 -50.10	35.80 2.86 0.00	34.07 2.52 0.00	31.23 2.34 0.00	32.41 2.09 0.00	32.28 1.74 0.00	29.48 1.63 0.00	23.62 1.38 0.00	22.35 1.17 -0.57
WM_FLOYD_69_KV_BK2 356380	35.28 2.78 -0.69	33.15 2.50 0.00	30.71 2.24 0.00	32.13 2.06 0.00	31.22 1.89 0.00	28.53 1.94 0.00	32.35 2.24 -0.20	28.29 2.02 0.00	36.71 2.57 -2.56	59.47 2.72 -23.94	36.90 2.56 -0.30	39.05 2.81 -0.05	44.86 3.36 0.00	60.11 4.49 0.00	58.55 4.63 -0.43	101.21 4.71 -49.86	52.68 3.60 -16.14	42.86 3.22 -8.09	31.81 2.92 0.00	32.60 2.28 0.00	32.35 1.82 0.00	29.54 1.69 0.00	23.56 1.32 0.00	22.47 1.32 -0.53
WOODARD___115KV_TB2 355635	31.56 -0.25 0.00	30.52 -0.12 0.00	28.30 -0.16 0.00	29.91 -0.17 0.00	29.13 -0.20 0.00	26.38 -0.21 0.00	29.72 -0.19 0.00	26.07 -0.20 0.00	31.33 -0.26 0.00	32.60 -0.22 0.00	33.75 -0.29 0.00	36.06 -0.22 -0.08	42.30 -0.19 -0.99	57.88 -0.15 -2.41	55.62 -0.04 -2.16	48.42 0.21 -1.57	33.18 0.13 -0.10	31.69 0.14 0.00	29.10 0.21 0.00	30.52 0.15 -0.05	30.59 0.00 -0.05	27.85 0.00 0.00	22.09 -0.15 0.00	20.47 -0.14 0.00
YORK___WARBASSE 23770	33.89 2.08 0.00	32.41 1.76 0.00	30.08 1.62 0.00	31.57 1.50 0.00	30.78 1.45 0.00	28.12 1.54 0.00	31.88 1.77 -0.20	28.06 1.79 0.00	36.20 2.04 -2.57	59.17 2.23 -24.12	36.74 2.40 -0.30	38.88 2.64 -0.05	44.58 3.08 0.00	59.78 4.15 0.00	57.94 4.29 -0.15	99.22 4.02 -48.57	35.66 2.72 0.00	33.96 2.41 0.00	31.26 2.38 0.00	32.46 2.14 0.00	32.33 1.80 0.00	29.65 1.80 0.00	23.80 1.56 0.00	22.45 1.30 -0.54