

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/23/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	33.52	36.01	33.87	35.96	35.26	34.95	34.99	41.90	39.20	52.73	57.38	50.29	45.07	45.38	42.07	39.62	36.96	38.52	58.18	48.21	63.04	36.82	35.58	37.61
24138	1.06	0.95	0.86	0.94	1.01	1.26	1.51	1.73	1.74	2.40	3.04	2.43	2.12	1.84	1.62	1.64	1.70	1.81	2.64	2.69	3.26	1.90	1.78	1.65
	-0.20	-0.65	-0.18	-0.57	-0.17	-0.27	0.00	-1.27	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.28	0.00
74TH STREET_GT_1	33.49	35.98	33.85	35.93	35.20	34.88	34.94	41.88	39.17	52.69	57.35	50.29	45.07	45.38	42.06	39.59	36.92	38.51	58.18	48.22	63.04	36.82	35.56	37.60
24260	1.03	0.91	0.83	0.91	0.95	1.19	1.47	1.71	1.71	2.36	3.00	2.42	2.11	1.84	1.61	1.61	1.66	1.80	2.64	2.70	3.27	1.90	1.76	1.63
	-0.20	-0.65	-0.18	-0.57	-0.17	-0.27	0.00	-1.27	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.28	0.00	
74TH STREET_GT_2	33.49	35.98	33.85	35.93	35.20	34.88	34.94	41.88	39.17	52.69	57.35	50.29	45.07	45.38	42.06	39.59	36.92	38.51	58.18	48.22	63.04	36.82	35.56	37.60
24261	1.03	0.91	0.83	0.91	0.95	1.19	1.47	1.71	1.71	2.36	3.00	2.42	2.11	1.84	1.61	1.61	1.66	1.80	2.64	2.70	3.27	1.90	1.76	1.63
	-0.20	-0.65	-0.18	-0.57	-0.17	-0.27	0.00	-1.27	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.28	0.00	
ADK HUDSON___FALLS	32.75	34.77	33.58	34.82	34.96	34.26	34.73	39.32	38.99	52.69	57.29	50.45	45.34	45.80	42.41	39.87	37.05	38.78	58.80	48.61	63.24	36.80	34.77	37.42
24011	0.68	0.95	0.91	0.90	1.02	1.09	1.26	1.57	1.57	2.37	2.95	2.59	2.38	2.26	1.96	1.89	1.79	2.07	3.27	3.09	3.47	1.88	1.51	1.46
	0.18	0.59	0.16	0.52	0.15	0.24	0.00	1.14	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.00	
ADK RESOURCE___RCVRY	32.84	35.02	33.78	34.98	35.18	34.46	35.00	39.66	39.29	53.14	57.82	50.94	45.75	46.19	42.74	40.21	37.33	39.04	59.23	49.01	63.61	37.01	34.95	37.62
23798	0.76	1.19	1.11	1.05	1.24	1.28	1.52	1.90	1.87	2.82	3.47	3.07	2.79	2.65	2.29	2.23	2.07	2.33	3.70	3.49	3.83	2.09	1.69	1.66
	0.18	0.58	0.16	0.51	0.15	0.24	0.00	1.13	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	
ADK S GLENS___FALLS	32.75	34.77	33.58	34.82	34.96	34.26	34.73	39.32	38.99	52.69	57.29	50.45	45.34	45.80	42.41	39.87	37.05	38.78	58.80	48.61	63.24	36.80	34.77	37.42
24028	0.68	0.95	0.91	0.90	1.02	1.09	1.26	1.57	1.57	2.37	2.95	2.59	2.38	2.26	1.96	1.89	1.79	2.07	3.27	3.09	3.47	1.88	1.51	1.46
	0.18	0.59	0.16	0.52	0.15	0.24	0.00	1.14	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.00	
ADK_NYS___DAM	32.34	33.49	33.00	33.96	34.34	33.53	34.10	37.12	37.98	51.24	55.80	49.16	44.32	44.74	41.41	38.99	36.07	37.66	57.15	47.13	61.40	35.76	33.37	36.20
23527	0.49	0.39	0.52	0.67	0.57	0.65	0.63	0.78	0.59	0.92	1.46	1.29	1.36	1.20	0.96	1.01	0.81	0.95	1.62	1.61	1.63	0.84	0.42	0.24
	0.40	1.31	0.36	1.15	0.33	0.54	0.00	2.55	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.56	0.00
AIR_PRODUCTS___DRP	32.62	34.35	33.16	34.52	34.49	33.84	34.12	38.72	38.19	51.47	55.82	49.10	44.11	44.57	41.32	38.85	36.07	37.65	56.91	46.85	61.30	35.76	33.92	36.50
24190	0.51	0.44	0.46	0.52	0.52	0.62	0.65	0.80	0.77	1.15	1.48	1.23	1.15	1.03	0.87	0.87	0.81	0.94	1.39	1.33	1.53	0.84	0.62	0.54
	0.15	0.50	0.14	0.44	0.13	0.21	0.00	0.97	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	
AKWESSNE_115KV_BK	32.33	34.64	33.07	34.58	34.14	33.36	33.34	38.76	37.26	49.87	53.60	47.29	42.50	43.26	40.28	37.80	35.03	36.43	55.22	44.85	59.10	34.63	33.51	36.10
355683	0.07	0.23	0.24	0.14	0.05	-0.06	-0.13	-0.14	-0.18	-0.45	-0.75	-0.57	-0.46	-0.28	-0.17	-0.18	-0.23	-0.28	-0.31	-0.67	-0.67	-0.29	0.00	0.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	33.10	34.99	33.65	35.15	34.98	34.33	34.53	39.53	38.68	52.09	56.45	49.64	44.59	45.03	41.77	39.27	36.49	38.08	57.60	47.37	62.01	36.14	34.39	36.95
323833	0.94	0.90	0.90	0.99	0.97	1.04	1.05	1.25	1.24	1.77	2.10	1.77	1.63	1.48	1.32	1.29	1.23	1.37	2.06	1.85	2.23	1.22	1.01	0.99
	0.10	0.32	0.09	0.28	0.08	0.13	0.00	0.62	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	
ALBANY_2_SOLAR	33.08	34.98	33.64	35.13	34.97	34.32	34.51	39.52	38.66	52.08	56.44	49.62	44.58	45.02	41.75	39.26	36.47	38.08	57.57	47.37	61.97	36.14	34.38	36.94
323834	0.92	0.90	0.89	0.97	0.95	1.03	1.03	1.25	1.23	1.75	2.09	1.75	1.62	1.47	1.30	1.28	1.21	1.37	2.04	1.85	2.21	1.22	1.00	0.97
	0.10	0.32	0.09	0.28	0.08	0.13	0.00	0.62	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	
ALBANY___1	32.62	34.35	33.16	34.52	34.49	33.84	34.12	38.72	38.19	51.47	55.82	49.10	44.11	44.57	41.32	38.85	36.07	37.65	56.91	46.85	61.30	35.76	33.92	36.50
23571	0.51	0.44	0.46	0.52	0.52	0.62	0.65	0.80	0.77	1.15	1.48	1.23	1.15	1.03	0.87	0.87	0.81	0.94	1.39	1.33	1.53	0.84	0.62	0.54
	0.15	0.50	0.14	0.44	0.13	0.21	0.00	0.97	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	

ALBANY___2 23572	32.62 0.51 0.15	34.35 0.44 0.50	33.16 0.46 0.14	34.52 0.52 0.44	34.49 0.52 0.13	33.84 0.62 0.21	34.12 0.65 0.00	38.72 0.80 0.97	38.19 0.77 0.02	51.47 1.15 0.00	55.82 1.48 0.00	49.10 1.23 0.00	44.11 1.15 0.00	44.57 1.03 0.00	41.32 0.87 0.00	38.85 0.87 0.00	36.07 0.81 0.00	37.65 0.94 0.00	56.91 1.39 0.00	46.85 1.33 0.00	61.30 1.53 0.00	35.76 0.84 0.00	33.92 0.62 0.22	36.50 0.54 0.00
ALBANY___3 23573	32.62 0.51 0.15	34.35 0.44 0.50	33.16 0.46 0.14	34.52 0.52 0.44	34.49 0.52 0.13	33.84 0.62 0.21	34.12 0.65 0.00	38.72 0.80 0.97	38.19 0.77 0.02	51.47 1.15 0.00	55.82 1.48 0.00	49.10 1.23 0.00	44.11 1.15 0.00	44.57 1.03 0.00	41.32 0.87 0.00	38.85 0.87 0.00	36.07 0.81 0.00	37.65 0.94 0.00	56.91 1.39 0.00	46.85 1.33 0.00	61.30 1.53 0.00	35.76 0.84 0.00	33.92 0.62 0.22	36.50 0.54 0.00
ALBANY___4 23574	32.62 0.51 0.15	34.35 0.44 0.50	33.16 0.46 0.14	34.52 0.52 0.44	34.49 0.52 0.13	33.84 0.62 0.21	34.12 0.65 0.00	38.72 0.80 0.97	38.19 0.77 0.02	51.47 1.15 0.00	55.82 1.48 0.00	49.10 1.23 0.00	44.11 1.15 0.00	44.57 1.03 0.00	41.32 0.87 0.00	38.85 0.87 0.00	36.07 0.81 0.00	37.65 0.94 0.00	56.91 1.39 0.00	46.85 1.33 0.00	61.30 1.53 0.00	35.76 0.84 0.00	33.92 0.62 0.22	36.50 0.54 0.00
ALBANY___LFGE 323615	32.79 0.71 0.17	34.50 0.65 0.56	33.34 0.66 0.15	34.68 0.73 0.49	34.67 0.72 0.14	34.01 0.82 0.23	34.31 0.84 0.00	38.84 1.04 1.09	38.43 1.01 0.02	51.79 1.47 0.00	56.19 1.84 0.00	49.43 1.56 0.00	44.43 1.48 0.00	44.89 1.35 0.00	41.60 1.15 0.00	39.12 1.14 0.00	36.31 1.05 0.00	37.91 1.20 0.00	57.29 1.76 0.00	47.16 1.64 0.00	61.67 1.90 0.00	35.97 1.05 0.00	34.09 0.82 0.24	36.70 0.73 0.00
ALCOA_PA_115KV_PL-6C 55860	32.42 0.16 0.00	34.75 0.35 0.00	33.17 0.33 0.00	34.68 0.24 0.00	34.24 0.15 0.00	33.45 0.02 0.00	33.43 -0.05 0.00	38.87 -0.02 0.00	37.37 -0.07 0.00	50.02 -0.30 0.00	53.76 -0.58 0.00	47.44 -0.43 0.00	42.62 -0.34 0.00	43.36 -0.18 0.00	40.37 -0.08 0.00	37.89 -0.09 0.00	35.11 -0.15 0.00	36.50 -0.21 0.00	55.34 -0.19 0.00	44.96 -0.56 0.00	59.27 -0.50 0.00	34.72 -0.20 0.00	33.61 0.09 0.00	36.22 0.25 0.00
ALCOA_RYNLDS___DRP 24188	32.42 0.16 0.00	34.75 0.35 0.00	33.17 0.33 0.00	34.68 0.24 0.00	34.24 0.15 0.00	33.45 0.02 0.00	33.43 -0.05 0.00	38.87 -0.02 0.00	37.37 -0.07 0.00	50.02 -0.30 0.00	53.76 -0.58 0.00	47.44 -0.43 0.00	42.62 -0.34 0.00	43.36 -0.18 0.00	40.37 -0.08 0.00	37.89 -0.09 0.00	35.11 -0.15 0.00	36.50 -0.21 0.00	55.34 -0.19 0.00	44.96 -0.56 0.00	59.27 -0.50 0.00	34.72 -0.20 0.00	33.61 0.09 0.00	36.22 0.25 0.00
ALCOA___DSASP 323711	32.42 0.17 0.00	34.75 0.35 0.00	33.17 0.33 0.00	34.68 0.24 0.00	34.24 0.15 0.00	33.45 0.03 0.00	33.43 -0.05 0.00	38.87 -0.02 0.00	37.37 -0.07 0.00	50.02 -0.30 0.00	53.76 -0.58 0.00	47.44 -0.43 0.00	42.62 -0.34 0.00	43.36 -0.18 0.00	40.37 -0.08 0.00	37.89 -0.09 0.00	35.11 -0.15 0.00	36.50 -0.21 0.00	55.34 -0.19 0.00	44.97 -0.56 0.00	59.27 -0.50 0.00	34.72 -0.20 0.00	33.61 0.09 0.00	36.21 0.25 0.00
ALLEGHENY___COGEN 23514	33.74 1.49 0.00	36.20 1.80 0.00	34.51 1.68 0.00	36.31 1.87 0.00	36.11 2.02 0.00	35.27 1.84 0.00	35.39 1.91 0.00	41.10 2.21 0.00	39.51 2.07 0.00	53.27 2.91 -0.03	57.36 3.01 0.00	50.77 2.56 -0.34	45.02 2.07 0.00	45.50 1.96 0.00	42.13 1.68 0.00	39.47 1.49 0.00	36.57 1.31 0.00	37.17 0.46 0.00	56.33 0.80 0.00	47.38 1.86 0.00	62.39 2.62 0.00	36.03 1.11 0.00	34.49 0.97 0.00	37.19 1.23 0.00
ALTAMONT_115KV_TB 2 55880	32.54 0.38 0.10	34.41 0.32 0.32	33.07 0.33 0.09	34.54 0.38 0.28	34.41 0.39 0.08	33.77 0.48 0.13	34.01 0.53 0.00	38.90 0.63 0.63	38.06 0.63 0.01	51.27 0.95 0.00	55.59 1.24 0.00	48.89 1.03 0.00	43.91 0.95 0.00	44.37 0.83 0.00	41.15 0.70 0.00	38.67 0.69 0.00	35.91 0.65 0.00	37.47 0.76 0.00	56.64 1.11 0.00	46.64 1.12 0.00	61.11 1.33 0.00	35.64 0.72 0.14	33.93 0.55 0.00	36.44 0.48 0.00
ALTONA_WT_PWR 323606	33.46 1.21 0.00	35.82 1.41 0.00	34.07 1.24 0.00	35.52 1.08 0.00	34.93 0.84 0.00	33.84 0.42 0.00	33.87 0.39 0.00	39.39 0.49 0.00	37.83 0.38 0.00	50.71 0.38 0.00	54.87 0.52 0.00	48.55 0.68 0.00	43.60 0.64 0.00	44.05 0.51 0.00	40.83 0.39 0.00	38.39 0.42 0.00	35.67 0.41 0.00	37.27 0.56 0.00	56.58 1.05 0.00	45.92 0.40 0.00	60.32 0.55 0.00	35.41 0.49 0.00	34.62 1.10 0.00	37.39 1.43 0.00
AMERICAN_REF_FUEL 24010	31.76 -0.50 0.00	34.21 -0.20 0.00	32.65 -0.19 0.00	34.11 -0.33 0.00	33.81 -0.29 0.00	32.80 -0.62 0.00	32.36 -1.12 0.00	37.13 -1.76 0.00	35.61 -1.83 0.00	47.66 -2.55 0.11	51.28 -3.07 0.00	44.10 -2.58 1.18	40.78 -2.18 0.00	41.54 -2.00 0.00	38.62 -1.83 0.00	36.13 -1.85 0.00	33.38 -1.88 0.00	34.25 -2.46 0.00	51.70 -3.83 0.00	42.48 -3.04 0.00	55.78 -4.00 0.00	32.00 -2.92 0.00	31.10 -2.42 0.00	34.16 -1.80 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	33.26 1.01 0.00	35.74 1.33 0.00	34.03 1.19 0.00	35.73 1.29 0.00	35.49 1.39 0.00	34.40 0.98 0.00	34.23 0.76 0.00	39.43 0.54 0.00	37.66 0.22 0.00	50.69 0.50 0.14	54.58 0.23 0.00	46.66 0.28 1.49	43.14 0.18 0.00	43.76 0.22 0.00	40.66 0.21 0.00	37.98 0.01 0.00	35.12 -0.13 0.00	36.13 -0.58 0.00	54.65 -0.88 0.00	45.23 -0.29 0.00	59.22 -0.55 0.00	34.07 -0.85 0.00	32.72 -0.80 0.00	35.86 -0.10 0.00
ARTHUR KILL_GT_1 23520	33.51 1.05 -0.20	36.04 0.98 -0.65	34.09 1.07 -0.18	35.99 0.98 -0.57	35.35 1.09 -0.17	35.08 1.38 -0.27	35.04 1.57 0.00	41.51 1.34 -1.27	38.67 1.21 -0.02	52.14 1.81 0.00	56.74 2.39 0.00	49.71 1.85 0.00	44.61 1.66 0.00	44.96 1.42 0.00	41.66 1.22 0.00	39.21 1.23 0.00	36.63 1.37 0.00	38.17 1.46 0.00	57.57 2.04 0.00	47.88 2.36 0.00	62.65 2.88 0.00	36.63 1.71 0.00	35.48 1.67 -0.29	37.47 1.51 0.00
ARTHUR_KILL_2 23512	33.41 0.96 -0.20	35.95 0.88 -0.65	34.00 0.98 -0.18	35.89 0.88 -0.57	35.26 1.00 -0.17	34.98 1.29 -0.27	34.94 1.47 0.00	41.39 1.23 -1.27	38.55 1.09 -0.02	51.98 1.65 0.00	56.57 2.23 0.00	49.56 1.69 0.00	44.48 1.52 0.00	44.83 1.29 0.00	41.53 1.08 0.00	39.08 1.10 0.00	36.52 1.26 0.00	38.05 1.34 0.00	57.39 1.86 0.00	47.73 2.21 0.00	62.46 2.69 0.00	36.52 1.60 0.00	35.38 1.57 -0.29	37.36 1.40 0.00
ARTHUR_KILL_3 23513	33.08 0.62 -0.20	35.53 0.47 -0.65	33.40 0.39 -0.18	35.47 0.45 -0.57	34.77 0.51 -0.17	34.45 0.76 -0.27	34.53 1.05 0.00	41.39 1.22 -1.27	38.69 1.23 -0.02	52.01 1.69 0.00	56.62 2.28 0.00	49.63 1.77 0.00	44.47 1.51 0.00	44.75 1.21 0.00	41.47 1.02 0.00	39.03 1.04 0.00	36.40 1.15 0.00	37.98 1.27 0.00	57.37 1.84 0.00	47.58 2.06 0.00	62.24 2.47 0.00	36.36 1.45 0.00	35.14 1.34 -0.28	37.13 1.17 0.00

ARTHUR_KILL_COGEN 323718	33.51 1.05 -0.20	36.04 0.98 -0.65	34.09 1.07 -0.18	35.99 0.98 -0.57	35.35 1.09 -0.17	35.08 1.38 -0.27	35.04 1.57 0.00	41.51 1.34 -1.27	38.67 1.21 -0.02	52.14 1.81 0.00	56.74 2.39 0.00	49.71 1.85 0.00	44.61 1.66 0.00	44.96 1.42 0.00	41.66 1.22 0.00	39.21 1.23 0.00	36.63 1.37 0.00	38.17 1.46 0.00	57.57 2.04 0.00	47.88 2.36 0.00	62.65 2.88 0.00	36.63 1.71 0.00	35.48 1.67 -0.29	37.47 1.51 0.00
ASHOKAN____ 23654	33.40 1.15 0.00	35.60 1.19 0.00	33.91 1.07 0.00	35.70 1.26 0.00	35.19 1.09 0.00	34.69 1.27 0.00	34.77 1.30 0.00	40.85 1.95 0.00	39.20 1.75 0.00	52.90 2.58 0.00	57.42 3.08 0.00	50.53 2.66 0.00	45.37 2.41 0.00	45.75 2.21 0.00	42.38 1.94 0.00	39.85 1.87 0.00	38.71 3.45 0.00	40.43 3.72 0.00	59.96 4.43 0.00	48.21 2.69 0.00	62.97 3.20 0.00	36.63 1.71 0.00	34.98 1.46 0.00	37.19 1.23 0.00
ASTORIA_EAST_ENERGY_CC1 323581	33.24 0.78 -0.20	35.75 0.69 -0.65	33.65 0.63 -0.18	35.73 0.71 -0.57	35.04 0.78 -0.17	34.72 1.03 -0.27	34.72 1.25 0.00	41.69 1.52 -1.28	38.98 1.52 -0.02	52.47 2.15 0.00	57.12 2.77 0.00	50.04 2.17 0.00	44.85 1.89 0.00	45.11 1.57 0.00	41.82 1.37 0.00	39.37 1.39 0.00	36.70 1.44 0.00	38.31 1.61 0.00	57.85 2.33 0.00	48.00 2.48 0.00	62.80 3.03 0.00	36.70 1.77 0.00	35.43 1.62 -0.29	37.44 1.47 0.00
ASTORIA_EAST_ENERGY_CC2 323582	33.23 0.78 -0.20	35.75 0.69 -0.65	33.65 0.63 -0.18	35.73 0.71 -0.57	35.04 0.78 -0.17	34.72 1.03 -0.27	34.72 1.25 0.00	41.69 1.52 -1.28	38.98 1.52 -0.02	52.47 2.15 0.00	57.12 2.77 0.00	50.04 2.17 0.00	44.85 1.89 0.00	45.11 1.57 0.00	41.82 1.37 0.00	39.37 1.39 0.00	36.70 1.44 0.00	38.31 1.61 0.00	57.85 2.33 0.00	48.00 2.48 0.00	62.80 3.03 0.00	36.70 1.77 0.00	35.43 1.62 -0.29	37.44 1.47 0.00
ASTORIA_GT2_1 24094	33.26 0.80 -0.20	35.78 0.71 -0.65	33.67 0.66 -0.18	35.75 0.73 -0.57	35.07 0.81 -0.17	34.73 1.04 -0.27	34.74 1.26 0.00	41.71 1.55 -1.28	39.01 1.54 -0.02	52.48 2.16 0.00	57.15 2.80 0.00	50.06 2.20 0.00	44.88 1.93 0.00	45.14 1.60 0.00	41.83 1.39 0.00	39.40 1.41 0.00	36.71 1.45 0.00	38.33 1.62 0.00	57.89 2.37 0.00	48.03 2.51 0.00	62.83 3.06 0.00	36.72 1.80 0.00	35.45 1.65 -0.29	37.46 1.49 0.00
ASTORIA_GT2_2 24095	33.26 0.80 -0.20	35.78 0.71 -0.65	33.67 0.66 -0.18	35.75 0.73 -0.57	35.07 0.81 -0.17	34.73 1.04 -0.27	34.74 1.26 0.00	41.71 1.55 -1.28	39.01 1.54 -0.02	52.48 2.16 0.00	57.15 2.80 0.00	50.06 2.20 0.00	44.88 1.93 0.00	45.14 1.60 0.00	41.83 1.39 0.00	39.40 1.41 0.00	36.71 1.45 0.00	38.33 1.62 0.00	57.89 2.37 0.00	48.03 2.51 0.00	62.83 3.06 0.00	36.72 1.80 0.00	35.45 1.65 -0.29	37.46 1.49 0.00
ASTORIA_GT2_3 24096	33.26 0.80 -0.20	35.78 0.71 -0.65	33.67 0.66 -0.18	35.75 0.73 -0.57	35.07 0.81 -0.17	34.73 1.04 -0.27	34.74 1.26 0.00	41.71 1.55 -1.28	39.01 1.54 -0.02	52.48 2.16 0.00	57.15 2.80 0.00	50.06 2.20 0.00	44.88 1.93 0.00	45.14 1.60 0.00	41.83 1.39 0.00	39.40 1.41 0.00	36.71 1.45 0.00	38.33 1.62 0.00	57.89 2.37 0.00	48.03 2.51 0.00	62.83 3.06 0.00	36.72 1.80 0.00	35.45 1.65 -0.29	37.46 1.49 0.00
ASTORIA_GT2_4 24097	33.26 0.80 -0.20	35.78 0.71 -0.65	33.67 0.66 -0.18	35.75 0.73 -0.57	35.07 0.81 -0.17	34.73 1.04 -0.27	34.74 1.26 0.00	41.71 1.55 -1.28	39.01 1.54 -0.02	52.48 2.16 0.00	57.15 2.80 0.00	50.06 2.20 0.00	44.88 1.93 0.00	45.14 1.60 0.00	41.83 1.39 0.00	39.40 1.41 0.00	36.71 1.45 0.00	38.33 1.62 0.00	57.89 2.37 0.00	48.03 2.51 0.00	62.83 3.06 0.00	36.72 1.80 0.00	35.45 1.65 -0.29	37.46 1.49 0.00
ASTORIA_GT3_1 24098	33.26 0.80 -0.20	35.78 0.71 -0.65	33.67 0.66 -0.18	35.75 0.73 -0.57	35.07 0.81 -0.17	34.73 1.04 -0.27	34.74 1.26 0.00	41.71 1.55 -1.28	39.01 1.54 -0.02	52.48 2.16 0.00	57.15 2.80 0.00	50.06 2.20 0.00	44.88 1.93 0.00	45.14 1.60 0.00	41.83 1.39 0.00	39.40 1.41 0.00	36.71 1.45 0.00	38.33 1.62 0.00	57.89 2.37 0.00	48.03 2.51 0.00	62.83 3.06 0.00	36.72 1.80 0.00	35.45 1.65 -0.29	37.46 1.49 0.00
ASTORIA_GT3_2 24099	33.26 0.80 -0.20	35.78 0.71 -0.65	33.67 0.66 -0.18	35.75 0.73 -0.57	35.07 0.81 -0.17	34.73 1.04 -0.27	34.74 1.26 0.00	41.71 1.55 -1.28	39.01 1.54 -0.02	52.48 2.16 0.00	57.15 2.80 0.00	50.06 2.20 0.00	44.88 1.93 0.00	45.14 1.60 0.00	41.83 1.39 0.00	39.40 1.41 0.00	36.71 1.45 0.00	38.33 1.62 0.00	57.89 2.37 0.00	48.03 2.51 0.00	62.83 3.06 0.00	36.72 1.80 0.00	35.45 1.65 -0.29	37.46 1.49 0.00
ASTORIA_GT3_3 24100	33.26 0.80 -0.20	35.78 0.71 -0.65	33.67 0.66 -0.18	35.75 0.73 -0.57	35.07 0.81 -0.17	34.73 1.04 -0.27	34.74 1.26 0.00	41.71 1.55 -1.28	39.01 1.54 -0.02	52.48 2.16 0.00	57.15 2.80 0.00	50.06 2.20 0.00	44.88 1.93 0.00	45.14 1.60 0.00	41.83 1.39 0.00	39.40 1.41 0.00	36.71 1.45 0.00	38.33 1.62 0.00	57.89 2.37 0.00	48.03 2.51 0.00	62.83 3.06 0.00	36.72 1.80 0.00	35.45 1.65 -0.29	37.46 1.49 0.00
ASTORIA_GT3_4 24101	33.26 0.80 -0.20	35.78 0.71 -0.65	33.67 0.66 -0.18	35.75 0.73 -0.57	35.07 0.81 -0.17	34.73 1.04 -0.27	34.74 1.26 0.00	41.71 1.55 -1.28	39.01 1.54 -0.02	52.48 2.16 0.00	57.15 2.80 0.00	50.06 2.20 0.00	44.88 1.93 0.00	45.14 1.60 0.00	41.83 1.39 0.00	39.40 1.41 0.00	36.71 1.45 0.00	38.33 1.62 0.00	57.89 2.37 0.00	48.03 2.51 0.00	62.83 3.06 0.00	36.72 1.80 0.00	35.45 1.65 -0.29	37.46 1.49 0.00
ASTORIA_GT4_1 24102	33.26 0.80 -0.20	35.78 0.71 -0.65	33.67 0.66 -0.18	35.75 0.73 -0.57	35.07 0.81 -0.17	34.73 1.04 -0.27	34.74 1.26 0.00	41.71 1.55 -1.28	39.01 1.54 -0.02	52.48 2.16 0.00	57.15 2.80 0.00	50.06 2.20 0.00	44.88 1.93 0.00	45.14 1.60 0.00	41.83 1.39 0.00	39.40 1.41 0.00	36.71 1.45 0.00	38.33 1.62 0.00	57.89 2.37 0.00	48.03 2.51 0.00	62.83 3.06 0.00	36.72 1.80 0.00	35.45 1.65 -0.29	37.46 1.49 0.00
ASTORIA_GT4_2 24103	33.26 0.80 -0.20	35.78 0.71 -0.65	33.67 0.66 -0.18	35.75 0.73 -0.57	35.07 0.81 -0.17	34.73 1.04 -0.27	34.74 1.26 0.00	41.71 1.55 -1.28	39.01 1.54 -0.02	52.48 2.16 0.00	57.15 2.80 0.00	50.06 2.20 0.00	44.88 1.93 0.00	45.14 1.60 0.00	41.83 1.39 0.00	39.40 1.41 0.00	36.71 1.45 0.00	38.33 1.62 0.00	57.89 2.37 0.00	48.03 2.51 0.00	62.83 3.06 0.00	36.72 1.80 0.00	35.45 1.65 -0.29	37.46 1.49 0.00
ASTORIA_GT4_3 24104	33.26 0.80 -0.20	35.78 0.71 -0.65	33.67 0.66 -0.18	35.75 0.73 -0.57	35.07 0.81 -0.17	34.73 1.04 -0.27	34.74 1.26 0.00	41.71 1.55 -1.28	39.01 1.54 -0.02	52.48 2.16 0.00	57.15 2.80 0.00	50.06 2.20 0.00	44.88 1.93 0.00	45.14 1.60 0.00	41.83 1.39 0.00	39.40 1.41 0.00	36.71 1.45 0.00	38.33 1.62 0.00	57.89 2.37 0.00	48.03 2.51 0.00	62.83 3.06 0.00	36.72 1.80 0.00	35.45 1.65 -0.29	37.46 1.49 0.00

ASTORIA_GT4_4 24105	33.26 0.80 -0.20	35.78 0.71 -0.65	33.67 0.66 -0.18	35.75 0.73 -0.57	35.07 0.81 -0.17	34.73 1.04 -0.27	34.74 1.26 0.00	41.71 1.55 -1.28	39.01 1.54 -0.02	52.48 2.16 0.00	57.15 2.80 0.00	50.06 2.20 0.00	44.88 1.93 0.00	45.14 1.60 0.00	41.83 1.39 0.00	39.40 1.41 0.00	36.71 1.45 0.00	38.33 1.62 0.00	57.89 2.37 0.00	48.03 2.51 0.00	62.83 3.06 0.00	36.72 1.80 0.00	35.45 1.65 -0.29	37.46 1.49 0.00
ASTORIA_GT_1 23523	33.31 0.86 -0.20	35.83 0.77 -0.65	33.72 0.70 -0.18	35.81 0.80 -0.57	35.12 0.86 -0.17	34.79 1.10 -0.27	34.80 1.32 0.00	41.78 1.61 -1.28	39.08 1.62 -0.02	52.58 2.26 0.00	57.25 2.91 0.00	50.16 2.30 0.00	44.97 2.01 0.00	45.22 1.69 0.00	41.91 1.46 0.00	39.47 1.49 0.00	36.78 1.52 0.00	38.40 1.69 0.00	58.01 2.47 0.00	48.12 2.60 0.00	62.95 3.18 0.00	36.79 1.87 0.00	35.51 1.71 -0.29	37.52 1.55 0.00
ASTORIA_GT_10 24110	33.39 0.93 -0.20	35.90 0.84 -0.65	33.79 0.77 -0.18	35.85 0.84 -0.57	35.14 0.88 -0.17	34.82 1.13 -0.27	34.87 1.40 0.00	41.78 1.61 -1.28	39.06 1.59 -0.02	52.52 2.19 0.00	57.13 2.78 0.00	50.10 2.23 0.00	44.90 1.94 0.00	45.19 1.65 0.00	41.90 1.45 0.00	39.47 1.49 0.00	36.80 1.54 0.00	38.40 1.69 0.00	57.93 2.40 0.00	48.02 2.50 0.00	62.78 3.01 0.00	36.71 1.79 0.00	35.49 1.68 -0.29	37.49 1.53 0.00
ASTORIA_GT_11 24225	33.39 0.93 -0.20	35.90 0.84 -0.65	33.79 0.77 -0.18	35.85 0.84 -0.57	35.14 0.88 -0.17	34.82 1.13 -0.27	34.87 1.40 0.00	41.78 1.61 -1.28	39.06 1.59 -0.02	52.52 2.19 0.00	57.13 2.78 0.00	50.10 2.23 0.00	44.90 1.94 0.00	45.19 1.65 0.00	41.90 1.45 0.00	39.47 1.49 0.00	36.80 1.54 0.00	38.40 1.69 0.00	57.93 2.40 0.00	48.02 2.50 0.00	62.78 3.01 0.00	36.71 1.79 0.00	35.49 1.68 -0.29	37.49 1.53 0.00
ASTORIA_GT_12 24226	33.39 0.93 -0.20	35.90 0.84 -0.65	33.79 0.77 -0.18	35.85 0.84 -0.57	35.14 0.88 -0.17	34.82 1.13 -0.27	34.87 1.40 0.00	41.78 1.61 -1.28	39.06 1.59 -0.02	52.52 2.19 0.00	57.13 2.78 0.00	50.10 2.23 0.00	44.90 1.94 0.00	45.19 1.65 0.00	41.90 1.45 0.00	39.47 1.49 0.00	36.80 1.54 0.00	38.40 1.69 0.00	57.93 2.40 0.00	48.02 2.50 0.00	62.78 3.01 0.00	36.71 1.79 0.00	35.49 1.68 -0.29	37.49 1.53 0.00
ASTORIA_GT_13 24227	33.39 0.93 -0.20	35.90 0.84 -0.65	33.79 0.77 -0.18	35.85 0.84 -0.57	35.14 0.88 -0.17	34.82 1.13 -0.27	34.87 1.40 0.00	41.78 1.61 -1.28	39.06 1.59 -0.02	52.52 2.19 0.00	57.13 2.78 0.00	50.10 2.23 0.00	44.90 1.94 0.00	45.19 1.65 0.00	41.90 1.45 0.00	39.47 1.49 0.00	36.80 1.54 0.00	38.40 1.69 0.00	57.93 2.40 0.00	48.02 2.50 0.00	62.78 3.01 0.00	36.71 1.79 0.00	35.49 1.68 -0.29	37.49 1.53 0.00
ASTORIA_GT_5 24106	33.32 0.86 -0.20	35.83 0.77 -0.65	33.73 0.70 -0.18	35.81 0.80 -0.57	35.13 0.87 -0.17	34.79 1.09 -0.27	34.80 1.32 0.00	41.78 1.61 -1.28	39.08 1.62 -0.02	52.58 2.26 0.00	57.26 2.91 0.00	50.16 2.30 0.00	44.97 2.01 0.00	45.23 1.69 0.00	41.91 1.47 0.00	39.48 1.49 0.00	36.78 1.52 0.00	38.40 1.69 0.00	58.01 2.48 0.00	48.12 2.60 0.00	62.95 3.18 0.00	36.79 1.87 0.00	35.52 1.71 -0.29	37.52 1.55 0.00
ASTORIA_GT_7 24107	33.32 0.86 -0.20	35.83 0.77 -0.65	33.73 0.70 -0.18	35.81 0.80 -0.57	35.13 0.87 -0.17	34.79 1.09 -0.27	34.80 1.32 0.00	41.78 1.61 -1.28	39.08 1.62 -0.02	52.58 2.26 0.00	57.26 2.91 0.00	50.16 2.30 0.00	44.97 2.01 0.00	45.23 1.69 0.00	41.91 1.47 0.00	39.48 1.49 0.00	36.78 1.52 0.00	38.40 1.69 0.00	58.01 2.48 0.00	48.12 2.60 0.00	62.95 3.18 0.00	36.79 1.87 0.00	35.52 1.71 -0.29	37.52 1.55 0.00
ASTORIA_GT_8 24108	33.32 0.86 -0.20	35.83 0.77 -0.65	33.73 0.70 -0.18	35.81 0.80 -0.57	35.13 0.87 -0.17	34.79 1.09 -0.27	34.80 1.32 0.00	41.78 1.61 -1.28	39.08 1.62 -0.02	52.58 2.26 0.00	57.26 2.91 0.00	50.16 2.30 0.00	44.97 2.01 0.00	45.23 1.69 0.00	41.91 1.47 0.00	39.48 1.49 0.00	36.78 1.52 0.00	38.40 1.69 0.00	58.01 2.48 0.00	48.12 2.60 0.00	62.95 3.18 0.00	36.79 1.87 0.00	35.52 1.71 -0.29	37.52 1.55 0.00
ASTORIA___2 24149	33.25 0.80 -0.20	35.78 0.71 -0.65	33.67 0.65 -0.18	35.75 0.73 -0.57	35.07 0.81 -0.17	34.73 1.04 -0.27	34.74 1.26 0.00	41.71 1.54 -1.28	39.01 1.55 -0.02	52.48 2.16 0.00	57.14 2.80 0.00	50.06 2.20 0.00	44.88 1.93 0.00	45.14 1.60 0.00	41.83 1.39 0.00	39.39 1.41 0.00	36.71 1.45 0.00	38.33 1.62 0.00	57.89 2.37 0.00	48.03 2.51 0.00	62.83 3.06 0.00	36.72 1.80 0.00	35.45 1.65 -0.29	37.46 1.49 0.00
ASTORIA___3 23516	33.39 0.93 -0.20	35.89 0.83 -0.65	33.79 0.77 -0.18	35.85 0.83 -0.57	35.13 0.87 -0.17	34.82 1.13 -0.27	34.87 1.40 0.00	41.78 1.61 -1.28	39.06 1.59 -0.02	52.52 2.19 0.00	57.13 2.78 0.00	50.10 2.23 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.90 1.45 0.00	39.46 1.48 0.00	36.81 1.54 0.00	38.40 1.69 0.00	57.93 2.40 0.00	48.02 2.50 0.00	62.78 3.01 0.00	36.71 1.79 0.00	35.48 1.68 -0.29	37.49 1.53 0.00
ASTORIA___4 23517	33.39 0.93 -0.20	35.90 0.84 -0.65	33.79 0.77 -0.18	35.85 0.84 -0.57	35.14 0.88 -0.17	34.82 1.13 -0.27	34.87 1.40 0.00	41.78 1.61 -1.28	39.06 1.59 -0.02	52.52 2.19 0.00	57.13 2.78 0.00	50.10 2.23 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.90 1.45 0.00	39.47 1.48 0.00	36.80 1.54 0.00	38.40 1.69 0.00	57.93 2.40 0.00	48.02 2.50 0.00	62.78 3.01 0.00	36.71 1.79 0.00	35.49 1.68 -0.29	37.49 1.53 0.00
ASTORIA___5 23518	33.39 0.93 -0.20	35.89 0.83 -0.65	33.79 0.77 -0.18	35.85 0.83 -0.57	35.14 0.88 -0.17	34.82 1.13 -0.27	34.87 1.40 0.00	41.78 1.61 -1.28	39.06 1.59 -0.02	52.52 2.19 0.00	57.13 2.78 0.00	50.10 2.23 0.00	44.90 1.94 0.00	45.19 1.65 0.00	41.90 1.45 0.00	39.46 1.48 0.00	36.81 1.54 0.00	38.40 1.69 0.00	57.93 2.40 0.00	48.02 2.50 0.00	62.79 3.01 0.00	36.71 1.79 0.00	35.48 1.68 -0.29	37.49 1.53 0.00
AST_ENERGY_2_CC3 323677	33.26 0.81 -0.20	35.76 0.70 -0.65	33.63 0.61 -0.18	35.70 0.68 -0.57	35.00 0.74 -0.17	34.68 0.99 -0.27	34.74 1.26 0.00	41.62 1.45 -1.27	38.91 1.45 -0.02	52.33 2.01 0.00	56.96 2.61 0.00	49.93 2.06 0.00	44.74 1.79 0.00	45.04 1.50 0.00	41.75 1.30 0.00	39.30 1.32 0.00	36.66 1.40 0.00	38.24 1.53 0.00	57.76 2.23 0.00	47.88 2.36 0.00	62.62 2.85 0.00	36.58 1.66 0.00	35.34 1.54 -0.28	37.35 1.39 0.00
AST_ENERGY_2_CC4 323678	33.26 0.81 -0.20	35.76 0.70 -0.65	33.63 0.61 -0.18	35.70 0.68 -0.57	35.00 0.74 -0.17	34.68 0.99 -0.27	34.74 1.26 0.00	41.62 1.45 -1.27	38.91 1.45 -0.02	52.33 2.01 0.00	56.96 2.61 0.00	49.93 2.06 0.00	44.74 1.79 0.00	45.04 1.50 0.00	41.75 1.30 0.00	39.30 1.32 0.00	36.66 1.40 0.00	38.24 1.53 0.00	57.76 2.23 0.00	47.88 2.36 0.00	62.62 2.85 0.00	36.58 1.66 0.00	35.34 1.54 -0.28	37.35 1.39 0.00

ATHENS_STG_1 23668	32.51 0.17 -0.08	34.76 0.07 -0.28	32.97 0.06 -0.08	34.79 0.11 -0.25	34.30 0.13 -0.07	33.80 0.27 -0.11	33.87 0.39 0.00	39.89 0.45 -0.54	37.92 0.48 -0.01	51.04 0.72 0.00	55.39 1.04 0.00	48.67 0.81 0.00	43.69 0.73 0.00	44.10 0.56 0.00	40.89 0.44 0.00	38.46 0.48 0.00	35.75 0.49 0.00	37.31 0.60 0.00	56.38 0.84 0.00	46.51 0.99 0.00	60.91 1.14 0.00	35.55 0.63 0.00	34.12 0.48 -0.12	36.34 0.37 0.00
ATHENS_STG_2 23670	32.51 0.17 -0.08	34.76 0.07 -0.28	32.97 0.06 -0.08	34.79 0.11 -0.25	34.30 0.13 -0.07	33.80 0.27 -0.11	33.87 0.39 0.00	39.89 0.45 -0.54	37.92 0.48 -0.01	51.04 0.72 0.00	55.39 1.04 0.00	48.67 0.81 0.00	43.69 0.73 0.00	44.10 0.56 0.00	40.89 0.44 0.00	38.46 0.48 0.00	35.75 0.49 0.00	37.31 0.60 0.00	56.38 0.84 0.00	46.51 0.99 0.00	60.91 1.14 0.00	35.55 0.63 0.00	34.12 0.48 -0.12	36.34 0.37 0.00
ATHENS_STG_3 23677	32.51 0.17 -0.08	34.76 0.07 -0.28	32.97 0.06 -0.08	34.79 0.11 -0.25	34.30 0.13 -0.07	33.80 0.27 -0.11	33.87 0.39 0.00	39.89 0.45 -0.54	37.92 0.48 -0.01	51.04 0.72 0.00	55.39 1.04 0.00	48.67 0.81 0.00	43.69 0.73 0.00	44.10 0.56 0.00	40.89 0.44 0.00	38.46 0.48 0.00	35.75 0.49 0.00	37.31 0.60 0.00	56.38 0.84 0.00	46.51 0.99 0.00	60.91 1.14 0.00	35.55 0.63 0.00	34.12 0.48 -0.12	36.34 0.37 0.00
AUBURN___LFGE 323710	32.73 0.48 0.00	34.98 0.57 0.00	33.24 0.40 0.00	34.88 0.43 0.00	34.74 0.64 0.00	34.04 0.62 0.00	34.06 0.58 0.00	39.57 0.67 0.00	37.99 0.55 0.00	51.20 0.88 0.00	55.42 1.08 0.00	48.58 0.71 0.00	43.67 0.71 0.00	44.21 0.67 0.00	40.92 0.47 0.00	38.40 0.42 0.00	35.65 0.39 0.00	37.02 0.32 0.00	55.91 0.37 0.00	46.07 0.55 0.00	60.52 0.75 0.00	35.20 0.28 0.00	33.72 0.20 0.00	36.29 0.32 0.00
BABYLON_RES_REC 323704	34.27 1.26 -0.76	36.38 1.09 -0.88	34.06 1.05 -0.18	36.30 1.29 -0.57	35.55 1.29 -0.17	35.32 1.64 -0.27	35.44 1.97 0.00	42.42 2.25 -1.27	39.41 1.94 -0.02	52.61 2.29 0.00	57.33 2.98 0.00	50.34 2.47 0.00	44.97 2.01 0.00	45.20 1.66 0.00	42.02 1.58 0.00	39.65 1.67 0.00	37.06 1.78 -0.02	38.71 2.00 0.00	58.55 3.02 0.00	48.55 3.02 0.00	63.29 3.52 0.00	36.92 2.00 0.00	35.75 1.95 -0.28	37.65 1.69 0.00
BABYLON__69_KV_BK2 356345	34.53 1.57 -0.71	36.70 1.43 -0.86	34.38 1.37 -0.18	36.64 1.63 -0.57	35.90 1.64 -0.17	35.68 1.99 -0.27	35.82 2.34 0.00	42.86 2.70 -1.27	39.81 2.35 -0.02	53.07 2.74 0.00	57.84 3.50 0.00	50.82 2.95 0.00	45.33 2.37 0.00	45.55 2.01 0.00	42.36 1.91 0.00	39.99 2.02 0.00	37.41 2.14 -0.01	39.08 2.38 0.00	59.11 3.58 0.00	49.03 3.51 0.00	63.93 4.16 0.00	37.24 2.32 0.00	36.07 2.27 -0.28	37.96 2.00 0.00
BALL_HILL_WT_PWR 323825	32.67 0.42 0.00	35.12 0.72 0.00	33.48 0.64 0.00	35.12 0.69 0.00	34.88 0.79 0.00	33.82 0.40 0.00	33.65 0.17 0.00	38.73 -0.17 0.00	36.98 -0.46 0.00	49.73 -0.45 0.14	53.54 -0.80 0.00	45.77 -0.61 1.49	42.39 -0.57 0.00	43.03 -0.51 0.00	40.00 -0.44 0.00	37.43 -0.55 0.00	34.63 -0.63 0.00	35.62 -1.09 0.00	53.79 -1.74 0.00	44.43 -1.08 0.00	58.23 -1.54 0.00	33.49 -1.43 0.00	32.31 -1.20 0.00	35.37 -0.59 0.00
BARON_WINDS___WT_PWR 323822	32.20 -0.05 0.00	34.62 0.21 0.00	33.14 0.30 0.00	35.03 0.59 0.00	34.89 0.79 0.00	34.10 0.68 0.00	34.35 0.88 0.00	39.86 0.97 0.00	38.06 0.62 0.00	51.47 1.03 -0.12	55.35 1.01 0.00	50.03 0.88 -1.29	43.60 0.64 0.00	43.98 0.44 0.00	40.83 0.38 0.00	38.38 0.40 0.00	35.66 0.39 0.00	36.94 0.23 0.00	55.51 -0.02 0.00	45.97 0.45 0.00	60.05 0.28 0.00	34.81 -0.11 0.00	33.16 -0.36 0.00	35.65 -0.31 0.00
BARRETT_IC_1 23704	39.88 0.98 -6.64	38.50 0.84 -3.26	33.85 0.84 -0.18	36.06 1.05 -0.57	35.35 1.06 -0.20	35.01 1.32 -0.27	35.05 1.58 0.00	41.93 1.76 -1.27	38.99 1.52 -0.02	52.18 1.86 0.00	56.67 2.33 0.00	49.82 1.96 0.00	44.57 1.61 0.00	44.82 1.28 0.00	41.66 1.21 0.00	39.33 1.35 0.00	36.93 1.49 -0.17	38.40 1.69 0.00	57.85 2.32 0.00	47.93 2.41 0.00	62.48 2.71 0.00	36.64 1.72 0.00	35.53 1.73 -0.28	37.47 1.51 0.00
BARRETT_IC_10 23701	39.88 0.98 -6.64	38.50 0.84 -3.26	33.85 0.84 -0.18	36.06 1.05 -0.57	35.35 1.06 -0.20	35.01 1.32 -0.27	35.05 1.58 0.00	41.93 1.76 -1.27	38.99 1.52 -0.02	52.18 1.86 0.00	56.67 2.33 0.00	49.82 1.96 0.00	44.57 1.61 0.00	44.82 1.28 0.00	41.66 1.21 0.00	39.33 1.35 0.00	36.93 1.49 -0.17	38.40 1.69 0.00	57.85 2.32 0.00	47.93 2.41 0.00	62.48 2.71 0.00	36.64 1.72 0.00	35.53 1.73 -0.28	37.47 1.51 0.00
BARRETT_IC_11 23702	39.88 0.98 -6.64	38.50 0.84 -3.26	33.85 0.84 -0.18	36.06 1.05 -0.57	35.35 1.06 -0.20	35.01 1.32 -0.27	35.05 1.58 0.00	41.93 1.76 -1.27	38.99 1.52 -0.02	52.18 1.86 0.00	56.67 2.33 0.00	49.82 1.96 0.00	44.57 1.61 0.00	44.82 1.28 0.00	41.66 1.21 0.00	39.33 1.35 0.00	36.93 1.49 -0.17	38.40 1.69 0.00	57.85 2.32 0.00	47.93 2.41 0.00	62.48 2.71 0.00	36.64 1.72 0.00	35.53 1.73 -0.28	37.47 1.51 0.00
BARRETT_IC_12 23703	39.88 0.98 -6.64	38.50 0.84 -3.26	33.85 0.84 -0.18	36.06 1.05 -0.57	35.35 1.06 -0.20	35.01 1.32 -0.27	35.05 1.58 0.00	41.93 1.76 -1.27	38.99 1.52 -0.02	52.18 1.86 0.00	56.67 2.33 0.00	49.82 1.96 0.00	44.57 1.61 0.00	44.82 1.28 0.00	41.66 1.21 0.00	39.33 1.35 0.00	36.93 1.49 -0.17	38.40 1.69 0.00	57.85 2.32 0.00	47.93 2.41 0.00	62.48 2.71 0.00	36.64 1.72 0.00	35.53 1.73 -0.28	37.47 1.51 0.00
BARRETT_IC_2 23705	39.88 0.98 -6.64	38.50 0.84 -3.26	33.85 0.84 -0.18	36.06 1.05 -0.57	35.35 1.06 -0.20	35.01 1.32 -0.27	35.05 1.58 0.00	41.93 1.76 -1.27	38.99 1.52 -0.02	52.18 1.86 0.00	56.67 2.33 0.00	49.82 1.96 0.00	44.57 1.61 0.00	44.82 1.28 0.00	41.66 1.21 0.00	39.33 1.35 0.00	36.93 1.49 -0.17	38.40 1.69 0.00	57.85 2.32 0.00	47.93 2.41 0.00	62.48 2.71 0.00	36.64 1.72 0.00	35.53 1.73 -0.28	37.47 1.51 0.00
BARRETT_IC_3 23706	39.88 0.98 -6.64	38.50 0.84 -3.26	33.85 0.84 -0.18	36.06 1.05 -0.57	35.35 1.06 -0.20	35.01 1.32 -0.27	35.05 1.58 0.00	41.93 1.76 -1.27	38.99 1.52 -0.02	52.18 1.86 0.00	56.67 2.33 0.00	49.82 1.96 0.00	44.57 1.61 0.00	44.82 1.28 0.00	41.66 1.21 0.00	39.33 1.35 0.00	36.93 1.49 -0.17	38.40 1.69 0.00	57.85 2.32 0.00	47.93 2.41 0.00	62.48 2.71 0.00	36.64 1.72 0.00	35.53 1.73 -0.28	37.47 1.51 0.00
BARRETT_IC_4 23707	39.88 0.98 -6.64	38.50 0.84 -3.26	33.85 0.84 -0.18	36.06 1.05 -0.57	35.35 1.06 -0.20	35.01 1.32 -0.27	35.05 1.58 0.00	41.93 1.76 -1.27	38.99 1.52 -0.02	52.18 1.86 0.00	56.67 2.33 0.00	49.82 1.96 0.00	44.57 1.61 0.00	44.82 1.28 0.00	41.66 1.21 0.00	39.33 1.35 0.00	36.93 1.49 -0.17	38.40 1.69 0.00	57.85 2.32 0.00	47.93 2.41 0.00	62.48 2.71 0.00	36.64 1.72 0.00	35.53 1.73 -0.28	37.47 1.51 0.00

BARRETT_IC_5 23708	39.88 0.98 -6.64	38.50 0.84 -3.26	33.85 0.84 -0.18	36.06 1.05 -0.57	35.35 1.06 -0.20	35.01 1.32 -0.27	35.05 1.58 0.00	41.93 1.76 -1.27	38.99 1.52 -0.02	52.18 1.86 0.00	56.67 2.33 0.00	49.82 1.96 0.00	44.57 1.61 0.00	44.82 1.28 0.00	41.66 1.21 0.00	39.33 1.35 0.00	36.93 1.49 -0.17	38.40 1.69 0.00	57.85 2.32 0.00	47.93 2.41 0.00	62.48 2.71 0.00	36.64 1.72 0.00	35.53 1.73 -0.28	37.47 1.51 0.00
BARRETT_IC_6 23709	39.88 0.98 -6.64	38.50 0.84 -3.26	33.85 0.84 -0.18	36.06 1.05 -0.57	35.35 1.06 -0.20	35.01 1.32 -0.27	35.05 1.58 0.00	41.93 1.76 -1.27	38.99 1.52 -0.02	52.18 1.86 0.00	56.67 2.33 0.00	49.82 1.96 0.00	44.57 1.61 0.00	44.82 1.28 0.00	41.66 1.21 0.00	39.33 1.35 0.00	36.93 1.49 -0.17	38.40 1.69 0.00	57.85 2.32 0.00	47.93 2.41 0.00	62.48 2.71 0.00	36.64 1.72 0.00	35.53 1.73 -0.28	37.47 1.51 0.00
BARRETT_IC_7 23710	39.89 0.99 -6.64	38.52 0.85 -3.26	33.86 0.84 -0.18	36.06 1.05 -0.57	35.35 1.06 -0.20	35.01 1.32 -0.27	35.05 1.58 0.00	41.93 1.76 -1.27	38.99 1.52 -0.02	52.18 1.86 0.00	56.67 2.33 0.00	49.82 1.96 0.00	44.57 1.61 0.00	44.82 1.28 0.00	41.66 1.21 0.00	39.33 1.34 0.00	36.93 1.49 -0.17	38.40 1.69 0.00	57.85 2.32 0.00	47.93 2.41 0.00	62.48 2.71 0.00	36.64 1.72 0.00	35.53 1.73 -0.28	37.47 1.50 0.00
BARRETT_IC_8 23711	39.88 0.98 -6.64	38.50 0.84 -3.26	33.85 0.84 -0.18	36.06 1.05 -0.57	35.35 1.06 -0.20	35.01 1.32 -0.27	35.05 1.58 0.00	41.93 1.76 -1.27	38.99 1.52 -0.02	52.18 1.86 0.00	56.67 2.33 0.00	49.82 1.96 0.00	44.57 1.61 0.00	44.82 1.28 0.00	41.66 1.21 0.00	39.33 1.35 0.00	36.93 1.49 -0.17	38.40 1.69 0.00	57.85 2.32 0.00	47.93 2.41 0.00	62.48 2.71 0.00	36.64 1.72 0.00	35.53 1.73 -0.28	37.47 1.51 0.00
BARRETT_IC_9 23700	39.88 0.98 -6.64	38.50 0.84 -3.26	33.85 0.84 -0.18	36.06 1.05 -0.57	35.35 1.06 -0.20	35.01 1.32 -0.27	35.05 1.58 0.00	41.93 1.76 -1.27	38.99 1.52 -0.02	52.18 1.86 0.00	56.67 2.33 0.00	49.82 1.96 0.00	44.57 1.61 0.00	44.82 1.28 0.00	41.66 1.21 0.00	39.33 1.35 0.00	36.93 1.49 -0.17	38.40 1.69 0.00	57.85 2.32 0.00	47.93 2.41 0.00	62.48 2.71 0.00	36.64 1.72 0.00	35.53 1.73 -0.28	37.47 1.51 0.00
BARRETT___1 23545	39.88 0.98 -6.64	38.50 0.84 -3.26	33.85 0.84 -0.18	36.06 1.05 -0.57	35.35 1.06 -0.20	35.01 1.32 -0.27	35.05 1.58 0.00	41.93 1.76 -1.27	38.99 1.52 -0.02	52.18 1.86 0.00	56.67 2.33 0.00	49.82 1.96 0.00	44.57 1.61 0.00	44.82 1.28 0.00	41.66 1.21 0.00	39.33 1.35 0.00	36.93 1.49 -0.17	38.40 1.69 0.00	57.85 2.32 0.00	47.93 2.41 0.00	62.48 2.71 0.00	36.64 1.72 0.00	35.53 1.73 -0.28	37.47 1.51 0.00
BARRETT___2 23546	39.88 0.98 -6.64	38.50 0.84 -3.26	33.85 0.84 -0.18	36.06 1.05 -0.57	35.35 1.06 -0.20	35.01 1.32 -0.27	35.05 1.58 0.00	41.93 1.76 -1.27	38.99 1.52 -0.02	52.18 1.86 0.00	56.67 2.33 0.00	49.82 1.96 0.00	44.57 1.61 0.00	44.82 1.28 0.00	41.66 1.21 0.00	39.33 1.35 0.00	36.93 1.49 -0.17	38.40 1.69 0.00	57.85 2.32 0.00	47.93 2.41 0.00	62.48 2.71 0.00	36.64 1.72 0.00	35.53 1.73 -0.28	37.47 1.51 0.00
BATAVIA___115KV_TB1 55881	33.02 0.76 0.00	35.56 1.15 0.00	33.86 1.02 0.00	35.41 0.97 0.00	35.12 1.03 0.00	34.13 0.71 0.00	33.82 0.34 0.00	38.95 0.06 0.00	37.46 0.02 0.00	50.37 0.05 0.00	54.15 -0.19 0.00	47.79 -0.07 0.00	42.95 0.00 0.00	43.66 0.12 0.00	40.48 0.03 0.00	37.81 -0.17 0.00	34.91 -0.35 0.00	35.91 -0.80 0.00	54.24 -1.30 0.00	44.78 -0.75 0.00	58.85 -0.92 0.00	33.77 -1.14 0.00	32.69 -0.83 0.00	35.70 -0.26 0.00
BAYONEEC___CTG1 323682	33.25 0.80 -0.20	35.72 0.66 -0.65	33.59 0.58 -0.18	35.66 0.65 -0.57	34.94 0.68 -0.17	34.63 0.94 -0.27	34.70 1.22 0.00	41.57 1.41 -1.27	38.86 1.40 -0.02	52.26 1.94 0.00	56.88 2.54 0.00	49.86 2.00 0.00	44.68 1.72 0.00	44.98 1.44 0.00	41.68 1.23 0.00	39.24 1.26 0.00	36.60 1.34 0.00	38.18 1.47 0.00	57.68 2.15 0.00	47.81 2.29 0.00	62.54 2.76 0.00	36.54 1.62 0.00	35.30 1.50 -0.28	37.32 1.35 0.00
BAYONEEC___CTG10 323750	33.25 0.80 -0.20	35.72 0.66 -0.65	33.59 0.58 -0.18	35.66 0.65 -0.57	34.94 0.68 -0.17	34.63 0.94 -0.27	34.70 1.22 0.00	41.57 1.41 -1.27	38.86 1.40 -0.02	52.26 1.94 0.00	56.88 2.54 0.00	49.86 2.00 0.00	44.68 1.72 0.00	44.98 1.44 0.00	41.68 1.23 0.00	39.24 1.26 0.00	36.60 1.34 0.00	38.18 1.47 0.00	57.68 2.15 0.00	47.81 2.29 0.00	62.54 2.76 0.00	36.54 1.62 0.00	35.30 1.50 -0.28	37.32 1.35 0.00
BAYONEEC___CTG2 323683	33.25 0.80 -0.20	35.72 0.66 -0.65	33.59 0.58 -0.18	35.66 0.65 -0.57	34.94 0.68 -0.17	34.63 0.94 -0.27	34.70 1.22 0.00	41.57 1.41 -1.27	38.86 1.40 -0.02	52.26 1.94 0.00	56.88 2.54 0.00	49.86 2.00 0.00	44.68 1.72 0.00	44.98 1.44 0.00	41.68 1.23 0.00	39.24 1.26 0.00	36.60 1.34 0.00	38.18 1.47 0.00	57.68 2.15 0.00	47.81 2.29 0.00	62.54 2.76 0.00	36.54 1.62 0.00	35.30 1.50 -0.28	37.32 1.35 0.00
BAYONEEC___CTG3 323684	33.25 0.80 -0.20	35.72 0.66 -0.65	33.59 0.58 -0.18	35.66 0.65 -0.57	34.94 0.68 -0.17	34.63 0.94 -0.27	34.70 1.22 0.00	41.57 1.41 -1.27	38.86 1.40 -0.02	52.26 1.94 0.00	56.88 2.54 0.00	49.86 2.00 0.00	44.68 1.72 0.00	44.98 1.44 0.00	41.68 1.23 0.00	39.24 1.26 0.00	36.60 1.34 0.00	38.18 1.47 0.00	57.68 2.15 0.00	47.81 2.29 0.00	62.54 2.76 0.00	36.54 1.62 0.00	35.30 1.50 -0.28	37.32 1.35 0.00
BAYONEEC___CTG4 323685	33.25 0.80 -0.20	35.72 0.66 -0.65	33.59 0.58 -0.18	35.66 0.65 -0.57	34.94 0.68 -0.17	34.63 0.94 -0.27	34.70 1.22 0.00	41.57 1.41 -1.27	38.86 1.40 -0.02	52.26 1.94 0.00	56.88 2.54 0.00	49.86 2.00 0.00	44.68 1.72 0.00	44.98 1.44 0.00	41.68 1.23 0.00	39.24 1.26 0.00	36.60 1.34 0.00	38.18 1.47 0.00	57.68 2.15 0.00	47.81 2.29 0.00	62.54 2.76 0.00	36.54 1.62 0.00	35.30 1.50 -0.28	37.32 1.35 0.00
BAYONEEC___CTG5 323686	33.25 0.80 -0.20	35.72 0.66 -0.65	33.59 0.58 -0.18	35.66 0.65 -0.57	34.94 0.68 -0.17	34.63 0.94 -0.27	34.70 1.22 0.00	41.57 1.41 -1.27	38.86 1.40 -0.02	52.26 1.94 0.00	56.88 2.54 0.00	49.86 2.00 0.00	44.68 1.72 0.00	44.98 1.44 0.00	41.68 1.23 0.00	39.24 1.26 0.00	36.60 1.34 0.00	38.18 1.47 0.00	57.68 2.15 0.00	47.81 2.29 0.00	62.54 2.76 0.00	36.54 1.62 0.00	35.30 1.50 -0.28	37.32 1.35 0.00
BAYONEEC___CTG6 323687	33.25 0.80 -0.20	35.72 0.66 -0.65	33.59 0.58 -0.18	35.66 0.65 -0.57	34.94 0.68 -0.17	34.63 0.94 -0.27	34.70 1.22 0.00	41.57 1.41 -1.27	38.86 1.40 -0.02	52.26 1.94 0.00	56.88 2.54 0.00	49.86 2.00 0.00	44.68 1.72 0.00	44.98 1.44 0.00	41.68 1.23 0.00	39.24 1.26 0.00	36.60 1.34 0.00	38.18 1.47 0.00	57.68 2.15 0.00	47.81 2.29 0.00	62.54 2.76 0.00	36.54 1.62 0.00	35.30 1.50 -0.28	37.32 1.35 0.00

BAYONEEC___CTG7 323688	33.25 0.80 -0.20	35.72 0.66 -0.65	33.59 0.58 -0.18	35.66 0.65 -0.57	34.94 0.68 -0.17	34.63 0.94 -0.27	34.70 1.22 0.00	41.57 1.41 -1.27	38.86 1.40 -0.02	52.26 1.94 0.00	56.88 2.54 0.00	49.86 2.00 0.00	44.68 1.72 0.00	44.98 1.44 0.00	41.68 1.23 0.00	39.24 1.26 0.00	36.60 1.34 0.00	38.18 1.47 0.00	57.68 2.15 0.00	47.81 2.29 0.00	62.54 2.76 0.00	36.54 1.62 0.00	35.30 1.50 -0.28	37.32 1.35 0.00
BAYONEEC___CTG8 323689	33.25 0.80 -0.20	35.72 0.66 -0.65	33.59 0.58 -0.18	35.66 0.65 -0.57	34.94 0.68 -0.17	34.63 0.94 -0.27	34.70 1.22 0.00	41.57 1.41 -1.27	38.86 1.40 -0.02	52.26 1.94 0.00	56.88 2.54 0.00	49.86 2.00 0.00	44.68 1.72 0.00	44.98 1.44 0.00	41.68 1.23 0.00	39.24 1.26 0.00	36.60 1.34 0.00	38.18 1.47 0.00	57.68 2.15 0.00	47.81 2.29 0.00	62.54 2.76 0.00	36.54 1.62 0.00	35.30 1.50 -0.28	37.32 1.35 0.00
BAYONEEC___CTG9 323749	33.25 0.80 -0.20	35.72 0.66 -0.65	33.59 0.58 -0.18	35.66 0.65 -0.57	34.94 0.68 -0.17	34.63 0.94 -0.27	34.70 1.22 0.00	41.57 1.41 -1.27	38.86 1.40 -0.02	52.26 1.94 0.00	56.88 2.54 0.00	49.86 2.00 0.00	44.68 1.72 0.00	44.98 1.44 0.00	41.68 1.23 0.00	39.24 1.26 0.00	36.60 1.34 0.00	38.18 1.47 0.00	57.68 2.15 0.00	47.81 2.29 0.00	62.54 2.76 0.00	36.54 1.62 0.00	35.30 1.50 -0.28	37.32 1.35 0.00
BEACON___LESR 323632	32.91 0.82 0.16	34.61 0.74 0.53	33.39 0.69 0.14	34.72 0.75 0.47	34.71 0.75 0.13	34.11 0.91 0.22	34.46 0.98 0.00	39.11 1.25 1.03	38.70 1.27 0.02	52.22 1.90 0.00	56.58 2.23 0.00	49.70 1.84 0.00	44.64 1.68 0.00	45.10 1.56 0.00	41.77 1.32 0.00	39.23 1.25 0.00	36.51 1.25 0.00	38.11 1.41 0.00	57.78 2.24 0.00	47.47 1.95 0.00	62.18 2.41 0.00	36.19 1.28 0.00	34.30 1.01 0.23	36.93 0.97 0.00
BEAVER RIVER___HYD 24048	32.73 0.47 0.00	34.81 0.40 0.00	33.16 0.32 0.00	34.86 0.42 0.00	34.53 0.44 0.00	33.59 0.16 0.00	33.63 0.15 0.00	39.50 0.61 0.00	38.36 0.92 0.00	51.74 1.42 0.00	55.93 1.58 0.00	49.12 1.26 0.00	43.90 0.94 0.00	44.10 0.56 0.00	41.00 0.55 0.00	38.36 0.38 0.00	35.37 0.11 0.00	36.58 -0.13 0.00	55.41 -0.12 0.00	46.07 0.55 0.00	61.01 1.24 0.00	35.72 0.80 0.00	34.24 0.73 0.00	36.72 0.75 0.00
BEEBEE_GT_13 23619	32.46 0.20 0.00	34.85 0.45 0.00	33.21 0.37 0.00	34.77 0.33 0.00	34.47 0.37 0.00	33.58 0.15 0.00	33.41 -0.06 0.00	38.65 -0.24 0.00	37.18 -0.26 0.00	50.02 -0.31 0.00	53.91 -0.44 0.00	47.51 -0.36 0.00	42.68 -0.28 0.00	43.33 -0.20 0.00	40.25 -0.20 0.00	37.69 -0.29 0.00	34.88 -0.38 0.00	35.96 -0.75 0.00	54.37 -1.16 0.00	44.79 -0.73 0.00	58.82 -0.95 0.00	33.93 -0.99 0.00	32.70 -0.81 0.00	35.46 -0.51 0.00
BENSHRST_27_KV_BENSHRST_1 355998	33.66 1.21 -0.20	36.15 1.08 -0.65	34.04 1.02 -0.18	36.07 1.06 -0.57	35.36 1.11 -0.17	35.04 1.35 -0.27	35.10 1.62 0.00	41.96 1.79 -1.28	39.23 1.77 -0.02	52.79 2.47 0.00	57.46 3.11 0.00	50.37 2.51 0.00	45.15 2.20 0.00	45.45 1.91 0.00	42.14 1.69 0.00	39.67 1.68 0.00	37.01 1.75 0.00	38.61 1.90 0.00	58.24 2.71 0.00	48.36 2.84 0.00	63.30 3.52 0.00	37.00 2.08 0.00	35.76 1.95 -0.29	37.78 1.81 0.00
BETHLEHEM___GRP 23843	32.62 0.51 0.15	34.35 0.44 0.50	33.16 0.46 0.14	34.52 0.52 0.44	34.49 0.52 0.13	33.84 0.62 0.21	34.12 0.65 0.00	38.72 0.80 0.97	38.19 0.77 0.02	51.47 1.15 0.00	55.82 1.48 0.00	49.10 1.23 0.00	44.11 1.15 0.00	44.57 1.03 0.00	41.32 0.87 0.00	38.85 0.87 0.00	36.07 0.81 0.00	37.65 0.94 0.00	56.91 1.39 0.00	46.85 1.33 0.00	61.30 1.53 0.00	35.76 0.84 0.00	33.92 0.62 0.22	36.50 0.54 0.00
BETHLEHEM___GS1 323560	32.61 0.51 0.15	34.36 0.45 0.50	33.16 0.46 0.14	34.53 0.53 0.44	34.48 0.52 0.13	33.84 0.63 0.21	34.12 0.65 0.00	38.72 0.80 0.97	38.19 0.77 0.02	51.47 1.15 0.00	55.82 1.48 0.00	49.10 1.23 0.00	44.11 1.16 0.00	44.57 1.03 0.00	41.31 0.86 0.00	38.85 0.86 0.00	36.07 0.81 0.00	37.65 0.94 0.00	56.91 1.38 0.00	46.85 1.33 0.00	61.30 1.53 0.00	35.76 0.84 0.00	33.92 0.62 0.22	36.50 0.54 0.00
BETHLEHEM___GS2 323561	32.61 0.51 0.15	34.36 0.45 0.50	33.16 0.46 0.14	34.53 0.53 0.44	34.48 0.52 0.13	33.84 0.63 0.21	34.12 0.65 0.00	38.72 0.80 0.97	38.19 0.77 0.02	51.47 1.15 0.00	55.82 1.48 0.00	49.10 1.23 0.00	44.11 1.16 0.00	44.57 1.03 0.00	41.31 0.86 0.00	38.85 0.86 0.00	36.07 0.81 0.00	37.65 0.94 0.00	56.91 1.38 0.00	46.85 1.33 0.00	61.30 1.53 0.00	35.76 0.84 0.00	33.92 0.62 0.22	36.50 0.54 0.00
BETHLEHEM___GS3 323562	32.61 0.51 0.15	34.36 0.45 0.50	33.16 0.46 0.14	34.53 0.53 0.44	34.48 0.52 0.13	33.84 0.63 0.21	34.12 0.65 0.00	38.72 0.80 0.97	38.19 0.77 0.02	51.47 1.15 0.00	55.82 1.48 0.00	49.10 1.23 0.00	44.11 1.16 0.00	44.57 1.03 0.00	41.31 0.86 0.00	38.85 0.86 0.00	36.07 0.81 0.00	37.65 0.94 0.00	56.91 1.38 0.00	46.85 1.33 0.00	61.30 1.53 0.00	35.76 0.84 0.00	33.92 0.62 0.22	36.50 0.54 0.00
BETHLEHEM___STEEL 23779	32.76 0.50 0.00	35.32 0.91 0.00	33.64 0.80 0.00	35.21 0.77 0.00	34.91 0.82 0.00	33.85 0.43 0.00	33.58 0.10 0.00	38.60 -0.29 0.00	36.99 -0.45 0.00	49.78 -0.55 0.00	53.43 -0.92 0.00	47.22 -0.65 0.00	42.41 -0.54 0.00	43.15 -0.39 0.00	40.10 -0.34 0.00	37.50 -0.48 0.00	34.66 -0.60 0.00	35.61 -1.10 0.00	53.74 -1.79 0.00	44.23 -1.29 0.00	58.09 -1.68 0.00	33.35 -1.57 0.00	32.28 -1.24 0.00	35.34 -0.62 0.00
BETHLHEM_115KV_TB1 79974	32.59 0.48 0.14	34.35 0.41 0.47	33.13 0.42 0.13	34.50 0.48 0.41	34.45 0.48 0.12	33.81 0.59 0.19	34.09 0.61 0.00	38.72 0.75 0.92	38.15 0.72 0.02	51.40 1.08 0.00	55.75 1.41 0.00	49.02 1.15 0.00	44.05 1.10 0.00	44.51 0.97 0.00	41.25 0.81 0.00	38.79 0.81 0.00	36.02 0.76 0.00	37.59 0.89 0.00	56.83 1.30 0.00	46.78 1.26 0.00	61.22 1.45 0.00	35.71 0.79 0.00	33.90 0.59 0.20	36.47 0.51 0.00
BETHPAGE_CC_5 323564	34.43 1.23 -0.95	36.42 1.05 -0.96	34.02 1.00 -0.18	36.24 1.23 -0.57	35.50 1.24 -0.17	35.25 1.56 -0.27	35.35 1.88 0.00	42.29 2.12 -1.27	39.32 1.86 -0.02	52.57 2.24 0.00	57.24 2.90 0.00	50.28 2.42 0.00	44.96 2.00 0.00	45.20 1.66 0.00	42.01 1.56 0.00	39.63 1.64 0.00	37.01 1.73 -0.02	38.61 1.90 0.00	58.37 2.84 0.00	48.39 2.87 0.00	63.12 3.34 0.00	36.91 1.99 0.00	35.70 1.90 -0.28	37.62 1.66 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	32.92 0.66 0.00	35.49 1.08 0.00	33.80 0.96 0.00	35.39 0.95 0.00	35.09 1.00 0.00	34.03 0.61 0.00	33.76 0.29 0.00	38.82 -0.07 0.00	37.21 -0.23 0.00	50.07 -0.25 0.00	53.76 -0.59 0.00	47.53 -0.34 0.00	42.68 -0.27 0.00	43.41 -0.12 0.00	40.35 -0.10 0.00	37.72 -0.26 0.00	34.87 -0.39 0.00	35.82 -0.89 0.00	54.04 -1.49 0.00	44.50 -1.03 0.00	58.43 -1.34 0.00	33.55 -1.37 0.00	32.47 -1.05 0.00	35.52 -0.44 0.00

BINGHAMTON___COGEN 23790	32.41 0.15 0.00	34.51 0.10 0.00	32.96 0.12 0.00	34.67 0.23 0.00	34.42 0.33 0.00	33.70 0.28 0.00	33.84 0.36 0.00	39.30 0.41 0.00	37.74 0.30 0.00	50.90 0.58 0.00	55.03 0.68 0.00	48.40 0.53 0.00	43.36 0.40 0.00	43.82 0.28 0.00	40.70 0.25 0.00	38.24 0.26 0.00	35.55 0.29 0.00	36.96 0.25 0.00	55.78 0.25 0.00	46.00 0.48 0.00	60.23 0.46 0.00	35.05 0.14 0.00	33.57 0.05 0.00	36.09 0.13 0.00
BIXINCNT_115KV_LOAD 355685	33.38 1.12 0.00	36.05 1.64 0.00	34.33 1.50 0.00	36.01 1.57 0.00	35.77 1.68 0.00	34.68 1.26 0.00	34.46 0.98 0.00	39.71 0.82 0.00	38.08 0.65 0.00	51.30 0.98 0.00	55.19 0.85 0.00	48.75 0.88 0.00	43.64 0.68 0.00	44.24 0.70 0.00	41.10 0.65 0.00	38.40 0.42 0.00	35.47 0.21 0.00	36.28 -0.43 0.00	54.63 -0.90 0.00	45.09 -0.43 0.00	59.66 -0.11 0.00	34.24 -0.68 0.00	32.90 -0.62 0.00	35.80 -0.16 0.00
BLACK RIVER___HYD 24047	32.99 0.74 0.00	35.07 0.66 0.00	33.38 0.55 0.00	35.17 0.73 0.00	34.87 0.78 0.00	33.94 0.52 0.00	34.00 0.52 0.00	39.96 1.06 0.00	38.84 1.40 0.00	52.48 2.16 0.00	56.79 2.44 0.00	49.87 2.01 0.00	44.48 1.52 0.00	44.56 1.02 0.00	41.39 0.94 0.00	38.70 0.72 0.00	35.64 0.38 0.00	36.72 0.01 0.00	55.62 0.09 0.00	46.61 1.09 0.00	61.85 2.08 0.00	36.19 1.27 0.00	34.64 1.12 0.00	37.08 1.12 0.00
BLACKRVR_115KV_TB2 79977	32.99 0.74 0.00	35.07 0.66 0.00	33.38 0.55 0.00	35.17 0.73 0.00	34.87 0.78 0.00	33.94 0.52 0.00	34.00 0.52 0.00	39.96 1.07 0.00	38.84 1.41 0.00	52.48 2.16 0.00	56.79 2.44 0.00	49.87 2.01 0.00	44.48 1.52 0.00	44.56 1.02 0.00	41.38 0.94 0.00	38.70 0.72 0.00	35.64 0.38 0.00	36.72 0.01 0.00	55.62 0.09 0.00	46.61 1.09 0.00	61.85 2.08 0.00	36.19 1.27 0.00	34.64 1.12 0.00	37.08 1.11 0.00
BLISS_WT_PWR 323608	33.38 1.13 0.00	36.04 1.63 0.00	34.36 1.53 0.00	36.04 1.60 0.00	35.81 1.72 0.00	34.72 1.30 0.00	34.50 1.02 0.00	39.75 0.86 0.00	38.12 0.68 0.00	51.22 1.03 0.14	55.28 0.93 0.00	47.31 0.95 1.51	43.69 0.74 0.00	44.27 0.74 0.00	41.14 0.69 0.00	38.42 0.44 0.00	35.44 0.18 0.00	36.22 -0.49 0.00	54.53 -1.00 0.00	45.01 -0.51 0.00	59.67 -0.10 0.00	34.23 -0.68 0.00	32.84 -0.68 0.00	35.70 -0.26 0.00
BLUESTONE___WT_PWR 323821	33.59 1.33 0.00	34.86 0.45 0.00	34.06 1.23 0.00	35.99 1.55 0.00	36.04 1.95 0.00	35.36 1.94 0.00	35.13 1.65 0.00	41.43 2.54 0.00	40.12 2.68 0.00	54.25 3.90 -0.02	58.63 4.29 0.00	51.81 3.69 -0.26	46.10 3.14 0.00	46.33 2.79 0.00	42.63 2.18 0.00	39.85 1.87 0.00	37.03 1.77 0.00	38.50 1.79 0.00	58.04 2.50 0.00	47.25 1.73 0.00	61.10 1.33 0.00	35.49 0.57 0.00	34.14 0.62 0.00	37.29 1.33 0.00
BLUE_CIRC_CHEM_DRP 24182	32.81 0.66 0.10	34.70 0.61 0.32	33.37 0.62 0.09	34.85 0.69 0.28	34.70 0.69 0.08	34.05 0.76 0.13	34.26 0.78 0.00	39.20 0.93 0.62	38.34 0.91 0.01	51.64 1.32 0.00	55.95 1.61 0.00	49.20 1.33 0.00	44.20 1.25 0.00	44.66 1.12 0.00	41.41 0.97 0.00	38.94 0.96 0.00	36.12 0.86 0.00	37.71 1.00 0.00	57.03 1.50 0.00	46.92 1.40 0.00	61.42 1.65 0.00	35.82 0.90 0.00	34.09 0.71 0.14	36.63 0.67 0.00
BOC_GAS_DRP 24189	32.45 0.29 0.09	34.30 0.21 0.31	32.97 0.22 0.08	34.44 0.27 0.27	34.29 0.27 0.08	33.67 0.38 0.13	33.90 0.43 0.00	38.80 0.51 0.61	37.93 0.50 0.01	51.08 0.76 0.00	55.37 1.03 0.00	48.70 0.83 0.00	43.73 0.77 0.00	44.19 0.65 0.00	40.97 0.52 0.00	38.52 0.54 0.00	35.77 0.51 0.00	37.33 0.62 0.00	56.42 0.89 0.00	46.46 0.94 0.00	60.84 1.07 0.00	35.51 0.59 0.00	33.81 0.43 0.14	36.31 0.35 0.00
BOONVILLE_115KV_TB1 79983	33.08 0.82 0.00	35.19 0.79 0.00	33.55 0.72 0.00	35.26 0.82 0.00	34.93 0.83 0.00	34.12 0.70 0.00	34.21 0.73 0.00	39.98 1.09 0.00	38.66 1.22 0.00	52.18 1.85 0.00	56.43 2.09 0.00	49.61 1.75 0.00	44.39 1.43 0.00	44.79 1.25 0.00	41.61 1.17 0.00	39.01 1.02 0.00	36.11 0.86 0.00	37.50 0.79 0.00	56.75 1.22 0.00	46.89 1.37 0.00	61.72 1.95 0.00	36.04 1.13 0.00	34.49 0.97 0.00	36.96 1.00 0.00
BORALEX_4TH_BRANCH 23824	32.34 0.49 0.40	33.48 0.37 1.31	33.00 0.52 0.36	33.96 0.67 1.15	34.34 0.57 0.33	33.53 0.65 0.54	34.10 0.63 0.00	37.13 0.78 2.55	37.98 0.59 0.05	51.25 0.92 0.00	55.80 1.46 0.00	49.16 1.29 0.00	44.32 1.36 0.00	44.74 1.20 0.00	41.41 0.97 0.00	38.99 1.01 0.00	36.06 0.81 0.00	37.66 0.96 0.00	57.15 1.62 0.00	47.13 1.61 0.00	61.41 1.64 0.00	35.76 0.84 0.00	33.38 0.42 0.56	36.20 0.24 0.00
BOWLINE___1 23526	33.03 0.58 -0.19	35.51 0.48 -0.62	33.40 0.40 -0.17	35.50 0.52 -0.54	34.79 0.54 -0.16	34.43 0.75 -0.25	34.49 1.01 0.00	41.32 1.22 -1.20	38.66 1.20 -0.02	52.02 1.70 0.00	56.59 2.25 0.00	49.64 1.77 0.00	44.47 1.51 0.00	44.78 1.24 0.00	41.49 1.04 0.00	39.03 1.05 0.00	36.38 1.12 0.00	37.97 1.25 0.00	57.41 1.88 0.00	47.57 2.04 0.00	62.26 2.49 0.00	36.33 1.41 0.00	35.06 1.28 -0.26	37.13 1.17 0.00
BOWLINE___2 23595	33.03 0.58 -0.19	35.51 0.48 -0.62	33.40 0.40 -0.17	35.50 0.52 -0.54	34.79 0.54 -0.16	34.43 0.75 -0.25	34.49 1.01 0.00	41.32 1.22 -1.20	38.66 1.20 -0.02	52.02 1.70 0.00	56.59 2.25 0.00	49.64 1.77 0.00	44.47 1.51 0.00	44.78 1.24 0.00	41.49 1.04 0.00	39.04 1.05 0.00	36.38 1.12 0.00	37.97 1.25 0.00	57.41 1.88 0.00	47.57 2.04 0.00	62.26 2.49 0.00	36.33 1.41 0.00	35.06 1.28 -0.26	37.13 1.17 0.00
BRADY___115KV_TB2 356060	32.61 0.35 0.00	34.95 0.54 0.00	33.35 0.52 0.00	34.88 0.44 0.00	34.43 0.34 0.00	33.63 0.21 0.00	33.62 0.15 0.00	39.14 0.24 0.00	37.66 0.22 0.00	50.39 0.07 0.00	54.14 -0.20 0.00	47.77 -0.10 0.00	42.88 -0.07 0.00	43.60 0.06 0.00	40.58 0.14 0.00	38.08 0.10 0.00	35.30 0.04 0.00	36.69 -0.02 0.00	55.59 0.06 0.00	45.26 -0.27 0.00	59.72 -0.06 0.00	34.96 0.05 0.00	33.84 0.32 0.00	36.44 0.48 0.00
BRANSCOMB___SOLAR 323811	32.69 0.64 0.20	34.48 0.73 0.66	33.37 0.71 0.18	34.61 0.75 0.58	34.72 0.79 0.17	34.03 0.88 0.27	34.45 0.97 0.00	38.82 1.21 1.28	38.59 1.18 0.02	52.10 1.77 0.00	56.59 2.24 0.00	49.83 1.96 0.00	44.79 1.84 0.00	45.26 1.72 0.00	41.92 1.47 0.00	39.41 1.43 0.00	36.59 1.33 0.00	38.25 1.54 0.00	57.92 2.39 0.00	47.79 2.27 0.00	62.32 2.56 0.00	36.30 1.38 0.00	34.31 1.08 0.29	36.96 1.00 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	34.22 1.45 -0.52	36.52 1.33 -0.78	34.28 1.26 -0.18	36.56 1.55 -0.57	35.82 1.56 -0.17	35.61 1.92 -0.27	35.74 2.26 0.00	42.76 2.60 -1.27	39.66 2.20 -0.02	52.83 2.50 0.00	57.55 3.21 0.00	50.58 2.72 0.00	44.99 2.04 0.00	45.17 1.63 0.00	42.03 1.58 0.00	39.72 1.74 0.00	37.18 1.91 -0.01	38.87 2.16 0.00	58.73 3.20 0.00	48.75 3.23 0.00	63.61 3.84 0.00	37.05 2.14 0.00	35.89 2.09 -0.28	37.76 1.80 0.00

BRISTLHL_115KV_TB1 79998	31.99 -0.26 0.00	34.11 -0.30 0.00	32.55 -0.29 0.00	34.16 -0.28 0.00	33.85 -0.24 0.00	33.14 -0.28 0.00	33.12 -0.36 0.00	38.45 -0.44 0.00	37.04 -0.40 0.00	49.91 -0.41 0.00	53.96 -0.39 0.00	47.48 -0.39 0.00	42.58 -0.38 0.00	43.11 -0.43 0.00	40.01 -0.44 0.00	37.55 -0.43 0.00	34.85 -0.41 0.00	36.24 -0.47 0.00	54.75 -0.78 0.00	45.07 -0.45 0.00	59.10 -0.67 0.00	34.40 -0.52 0.00	32.97 -0.56 0.00	35.40 -0.57 0.00
BROOKHAVEN___DRP 24191	33.82 1.10 -0.47	36.24 1.08 -0.76	34.02 1.01 -0.18	36.33 1.32 -0.57	35.58 1.32 -0.17	35.50 1.81 -0.27	35.64 2.16 0.00	42.61 2.44 -1.27	39.41 1.95 -0.02	51.95 1.62 0.00	56.63 2.28 0.00	49.74 1.88 0.00	44.37 1.41 0.00	44.59 1.05 0.00	41.46 1.02 0.00	39.13 1.14 0.00	36.60 1.33 -0.01	38.35 1.64 0.00	58.36 2.84 0.00	48.40 2.88 0.00	62.78 3.01 0.00	36.48 1.57 0.00	35.44 1.64 -0.28	37.18 1.22 0.00
BROOKLYN_NAVY_YARD 23515	33.25 0.79 -0.20	35.72 0.66 -0.65	33.60 0.59 -0.18	35.66 0.65 -0.57	34.99 0.73 -0.17	34.67 0.98 -0.27	34.72 1.24 0.00	41.61 1.45 -1.27	38.92 1.46 -0.02	52.35 2.03 0.00	56.97 2.63 0.00	49.94 2.08 0.00	44.76 1.81 0.00	45.05 1.51 0.00	41.75 1.30 0.00	39.30 1.32 0.00	36.66 1.40 0.00	38.25 1.55 0.00	57.79 2.26 0.00	47.89 2.37 0.00	62.62 2.85 0.00	36.57 1.65 0.00	35.34 1.54 -0.28	37.34 1.37 0.00
BROOKLYN___ARMY_DRP 323595	33.48 1.03 -0.20	35.96 0.90 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.94 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.20 0.00	57.15 2.80 0.00	50.08 2.22 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.91 2.38 0.00	48.08 2.56 0.00	62.94 3.17 0.00	36.79 1.87 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
BROOKVLE_69_KV_TB1 55790	35.08 1.39 -1.44	36.79 1.23 -1.15	34.16 1.15 -0.18	36.38 1.37 -0.57	35.65 1.39 -0.17	35.37 1.68 -0.27	35.46 1.98 0.00	42.45 2.28 -1.27	39.53 2.07 -0.02	52.94 2.62 0.00	57.63 3.28 0.00	50.62 2.76 0.00	45.28 2.32 0.00	45.57 2.03 0.00	42.33 1.88 0.00	39.89 1.91 0.00	37.27 1.98 -0.03	38.88 2.18 0.00	58.74 3.21 0.00	48.71 3.19 0.00	63.58 3.80 0.00	37.14 2.23 0.00	35.92 2.12 -0.28	37.89 1.93 0.00
BROOME_2_LFGE 323671	32.41 0.15 0.00	34.50 0.09 0.00	32.96 0.12 0.00	34.66 0.22 0.00	34.42 0.33 0.00	33.70 0.28 0.00	33.84 0.37 0.00	39.30 0.41 0.00	37.74 0.30 0.00	50.94 0.58 -0.03	55.03 0.68 0.00	48.77 0.53 -0.37	43.36 0.40 0.00	43.82 0.28 0.00	40.70 0.25 0.00	38.24 0.26 0.00	35.54 0.29 0.00	36.96 0.25 0.00	55.78 0.25 0.00	46.00 0.48 0.00	60.23 0.46 0.00	35.05 0.13 0.00	33.56 0.05 0.00	36.09 0.13 0.00
BROOME___LFGE 323600	32.41 0.15 0.00	34.50 0.09 0.00	32.96 0.12 0.00	34.66 0.22 0.00	34.42 0.33 0.00	33.70 0.28 0.00	33.84 0.37 0.00	39.30 0.41 0.00	37.74 0.30 0.00	50.94 0.58 -0.03	55.03 0.68 0.00	48.77 0.53 -0.37	43.36 0.40 0.00	43.82 0.28 0.00	40.70 0.25 0.00	38.24 0.26 0.00	35.54 0.29 0.00	36.96 0.25 0.00	55.78 0.25 0.00	46.00 0.48 0.00	60.23 0.46 0.00	35.05 0.13 0.00	33.56 0.05 0.00	36.09 0.13 0.00
BROWNFLS_115KV_TB_3_5 80003	32.00 -0.26 0.00	34.14 -0.27 0.00	32.54 -0.29 0.00	34.13 -0.31 0.00	33.74 -0.35 0.00	32.88 -0.54 0.00	32.90 -0.57 0.00	38.52 -0.37 0.00	37.27 -0.17 0.00	50.13 -0.20 0.00	54.07 -0.27 0.00	47.59 -0.28 0.00	42.60 -0.35 0.00	43.00 -0.54 0.00	39.99 -0.46 0.00	37.46 -0.52 0.00	34.61 -0.65 0.00	35.88 -0.83 0.00	54.38 -1.15 0.00	44.80 -0.72 0.00	59.23 -0.54 0.00	34.69 -0.22 0.00	33.40 -0.12 0.00	35.87 -0.10 0.00
BROWNSV1_27_KV_LOAD 356125	33.61 1.15 -0.20	36.09 1.03 -0.65	33.94 0.93 -0.18	36.02 1.00 -0.57	35.31 1.05 -0.17	34.98 1.29 -0.27	35.05 1.58 0.00	42.00 1.83 -1.27	39.29 1.83 -0.02	52.85 2.53 0.00	57.56 3.21 0.00	50.44 2.58 0.00	45.23 2.28 0.00	45.53 1.99 0.00	42.21 1.76 0.00	39.73 1.74 0.00	37.05 1.79 0.00	38.64 1.93 0.00	58.37 2.84 0.00	48.39 2.87 0.00	63.29 3.52 0.00	36.95 2.03 0.00	35.69 1.89 -0.28	37.74 1.78 0.00
BURROWS___LYONSDAL 23803	33.01 0.75 0.00	35.11 0.70 0.00	33.46 0.63 0.00	35.17 0.73 0.00	34.84 0.75 0.00	33.99 0.56 0.00	34.05 0.58 0.00	39.88 0.98 0.00	38.61 1.17 0.00	52.12 1.79 0.00	56.36 2.01 0.00	49.53 1.66 0.00	44.30 1.34 0.00	44.62 1.08 0.00	41.48 1.03 0.00	38.85 0.87 0.00	35.92 0.67 0.00	37.27 0.56 0.00	56.40 0.87 0.00	46.69 1.17 0.00	61.57 1.80 0.00	35.99 1.07 0.00	34.45 0.93 0.00	36.93 0.96 0.00
CAITHNESS_CC_1 323624	33.79 1.07 -0.46	36.20 1.03 -0.76	33.98 0.97 -0.18	36.27 1.26 -0.57	35.52 1.26 -0.17	35.41 1.72 -0.27	35.55 2.08 0.00	42.50 2.33 -1.27	39.34 1.87 -0.02	51.99 1.67 0.00	56.66 2.31 0.00	49.78 1.91 0.00	44.40 1.45 0.00	44.62 1.08 0.00	41.49 1.05 0.00	39.15 1.17 0.00	36.63 1.36 -0.01	38.35 1.64 0.00	58.30 2.77 0.00	48.35 2.83 0.00	62.77 2.99 0.00	36.51 1.59 0.00	35.44 1.64 -0.28	37.21 1.25 0.00
CALPINE BETH_PAGE_GT4 24209	34.60 1.19 -1.16	36.45 1.00 -1.04	33.97 0.95 -0.18	36.19 1.17 -0.57	35.45 1.19 -0.17	35.20 1.51 -0.27	35.30 1.82 0.00	42.20 2.03 -1.27	39.24 1.78 -0.02	52.47 2.15 0.00	57.14 2.79 0.00	50.20 2.33 0.00	44.88 1.93 0.00	45.14 1.60 0.00	41.94 1.49 0.00	39.55 1.57 0.00	36.95 1.66 -0.03	38.47 1.77 0.00	58.17 2.64 0.00	48.22 2.69 0.00	62.92 3.15 0.00	36.84 1.93 0.00	35.64 1.84 -0.28	37.56 1.60 0.00
CALPINE_BETH_PAGE_GT_4 323586	34.60 1.19 -1.16	36.45 1.01 -1.04	33.97 0.95 -0.18	36.19 1.18 -0.57	35.45 1.18 -0.17	35.20 1.51 -0.27	35.30 1.82 0.00	42.20 2.03 -1.27	39.24 1.78 -0.02	52.47 2.15 0.00	57.14 2.79 0.00	50.20 2.33 0.00	44.88 1.93 0.00	45.14 1.60 0.00	41.94 1.49 0.00	39.55 1.57 0.00	36.95 1.67 -0.03	38.48 1.77 0.00	58.17 2.64 0.00	48.22 2.70 0.00	62.92 3.15 0.00	36.84 1.93 0.00	35.64 1.84 -0.28	37.56 1.60 0.00
CALPINE_BP_GT1 23823	34.60 1.19 -1.16	36.45 1.01 -1.04	33.97 0.95 -0.18	36.19 1.18 -0.57	35.45 1.18 -0.17	35.20 1.51 -0.27	35.30 1.82 0.00	42.20 2.03 -1.27	39.24 1.78 -0.02	52.47 2.15 0.00	57.14 2.79 0.00	50.20 2.33 0.00	44.88 1.93 0.00	45.14 1.60 0.00	41.94 1.49 0.00	39.55 1.57 0.00	36.95 1.67 -0.03	38.48 1.77 0.00	58.17 2.64 0.00	48.22 2.70 0.00	62.92 3.15 0.00	36.84 1.93 0.00	35.64 1.84 -0.28	37.56 1.60 0.00
CALSPAN___DRP 24200	32.76 0.50 0.00	35.32 0.91 0.00	33.64 0.80 0.00	35.21 0.77 0.00	34.91 0.82 0.00	33.85 0.43 0.00	33.58 0.10 0.00	38.60 -0.29 0.00	36.99 -0.45 0.00	49.78 -0.55 0.00	53.43 -0.92 0.00	47.22 -0.65 0.00	42.41 -0.54 0.00	43.15 -0.39 0.00	40.10 -0.34 0.00	37.50 -0.48 0.00	34.66 -0.60 0.00	35.61 -1.10 0.00	53.74 -1.79 0.00	44.23 -1.29 0.00	58.09 -1.68 0.00	33.35 -1.57 0.00	32.28 -1.24 0.00	35.34 -0.62 0.00

CALVERTON___SOLAR 323806	33.86 1.14 -0.47	36.33 1.16 -0.76	34.10 1.08 -0.18	36.40 1.39 -0.57	35.63 1.37 -0.17	35.58 1.89 -0.27	35.73 2.25 0.00	42.70 2.53 -1.27	39.49 2.02 -0.02	51.97 1.64 0.00	56.65 2.31 0.00	49.76 1.90 0.00	44.38 1.42 0.00	44.60 1.06 0.00	41.47 1.02 0.00	39.13 1.15 0.00	36.62 1.35 -0.01	38.39 1.68 0.00	58.50 2.97 0.00	48.52 3.00 0.00	62.85 3.08 0.00	36.50 1.59 0.00	35.47 1.67 -0.28	37.19 1.23 0.00
CANDIGU_WT_PWR 323617	32.20 -0.05 0.00	34.62 0.21 0.00	33.14 0.30 0.00	35.03 0.59 0.00	34.89 0.79 0.00	34.10 0.68 0.00	34.35 0.88 0.00	39.86 0.97 0.00	38.06 0.62 0.00	51.47 1.03 -0.12	55.35 1.01 0.00	50.03 0.88 -1.29	43.60 0.64 0.00	43.98 0.44 0.00	40.83 0.38 0.00	38.38 0.40 0.00	35.66 0.39 0.00	36.94 0.23 0.00	55.51 -0.02 0.00	45.97 0.45 0.00	60.05 0.28 0.00	34.81 -0.11 0.00	33.16 -0.36 0.00	35.65 -0.31 0.00
CARR STREET_E_SYR 24060	32.19 -0.06 0.00	34.33 -0.07 0.00	32.77 -0.07 0.00	34.38 -0.05 0.00	34.10 0.01 0.00	33.37 -0.05 0.00	33.37 -0.10 0.00	38.73 -0.16 0.00	37.30 -0.14 0.00	50.25 -0.07 0.00	54.32 -0.03 0.00	47.82 -0.04 0.00	42.88 -0.08 0.00	43.41 -0.13 0.00	40.30 -0.15 0.00	37.83 -0.15 0.00	35.11 -0.15 0.00	36.48 -0.22 0.00	55.14 -0.39 0.00	45.39 -0.13 0.00	59.52 -0.25 0.00	34.62 -0.30 0.00	33.17 -0.35 0.00	35.65 -0.31 0.00
CARTHAGE___PAPER 23857	33.04 0.79 0.00	35.14 0.73 0.00	33.47 0.64 0.00	35.21 0.77 0.00	34.90 0.80 0.00	33.97 0.55 0.00	34.01 0.53 0.00	39.97 1.07 0.00	38.83 1.39 0.00	52.41 2.08 0.00	56.68 2.34 0.00	49.80 1.93 0.00	44.45 1.49 0.00	44.62 1.08 0.00	41.46 1.01 0.00	38.78 0.80 0.00	35.74 0.48 0.00	36.91 0.20 0.00	55.92 0.39 0.00	46.64 1.11 0.00	61.81 2.03 0.00	36.18 1.26 0.00	34.66 1.14 0.00	37.13 1.17 0.00
CASSADAGA_WT_PWR 323784	33.58 1.32 0.00	36.08 1.67 0.00	34.36 1.52 0.00	36.08 1.64 0.00	35.85 1.76 0.00	34.76 1.34 0.00	34.62 1.14 0.00	39.92 1.02 0.00	38.15 0.71 0.00	51.37 1.19 0.14	55.37 1.02 0.00	47.39 1.01 1.49	43.74 0.79 0.00	44.36 0.82 0.00	41.21 0.76 0.00	38.52 0.54 0.00	35.64 0.39 0.00	36.65 -0.05 0.00	55.40 -0.13 0.00	45.84 0.32 0.00	60.06 0.29 0.00	34.54 -0.38 0.00	33.20 -0.32 0.00	36.33 0.36 0.00
CE_DUNWOOD___DRP 24194	33.18 0.73 -0.20	35.65 0.59 -0.65	33.52 0.51 -0.18	35.63 0.61 -0.57	34.90 0.65 -0.16	34.55 0.86 -0.27	34.60 1.12 0.00	41.49 1.33 -1.27	38.78 1.31 -0.02	52.16 1.83 0.00	56.75 2.40 0.00	49.78 1.91 0.00	44.61 1.65 0.00	44.92 1.38 0.00	41.64 1.19 0.00	39.19 1.21 0.00	36.53 1.27 0.00	38.13 1.42 0.00	57.62 2.08 0.00	47.73 2.21 0.00	62.45 2.68 0.00	36.46 1.54 0.00	35.21 1.41 -0.28	37.23 1.27 0.00
CE_MILLWOOD___DRP 24193	33.13 0.68 -0.20	35.61 0.55 -0.65	33.49 0.48 -0.17	35.58 0.57 -0.57	34.86 0.60 -0.16	34.51 0.82 -0.27	34.55 1.08 0.00	41.43 1.28 -1.26	38.72 1.26 -0.02	52.09 1.77 0.00	56.67 2.32 0.00	49.71 1.85 0.00	44.55 1.59 0.00	44.87 1.33 0.00	41.58 1.13 0.00	39.13 1.15 0.00	36.47 1.21 0.00	38.07 1.36 0.00	57.53 2.00 0.00	47.66 2.13 0.00	62.35 2.58 0.00	36.40 1.48 0.00	35.15 1.35 -0.28	37.18 1.22 0.00
CE_NYC2_DRP 24202	33.39 0.93 -0.20	35.89 0.83 -0.65	33.78 0.76 -0.18	35.84 0.83 -0.57	35.13 0.87 -0.17	34.81 1.12 -0.27	34.87 1.39 0.00	41.76 1.59 -1.28	39.05 1.58 -0.02	52.50 2.18 0.00	57.13 2.78 0.00	50.10 2.23 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.45 1.47 0.00	36.79 1.53 0.00	38.38 1.67 0.00	57.92 2.39 0.00	48.01 2.49 0.00	62.79 3.02 0.00	36.70 1.78 0.00	35.49 1.68 -0.29	37.48 1.52 0.00
CE_NYC_DRP 24195	33.28 0.83 -0.20	35.75 0.70 -0.65	33.62 0.61 -0.18	35.70 0.69 -0.57	34.98 0.72 -0.17	34.68 0.98 -0.27	34.74 1.26 0.00	41.62 1.45 -1.27	38.92 1.46 -0.02	52.34 2.02 0.00	56.98 2.64 0.00	49.95 2.09 0.00	44.76 1.81 0.00	45.06 1.52 0.00	41.77 1.32 0.00	39.32 1.34 0.00	36.67 1.41 0.00	38.25 1.55 0.00	57.78 2.25 0.00	47.90 2.38 0.00	62.64 2.86 0.00	36.58 1.67 0.00	35.35 1.55 -0.28	37.36 1.40 0.00
CHAFFEE___LFGE 323603	32.84 0.59 0.00	35.36 0.95 0.00	33.72 0.88 0.00	35.29 0.85 0.00	35.01 0.92 0.00	33.95 0.53 0.00	33.68 0.21 0.00	38.76 -0.13 0.00	37.15 -0.29 0.00	49.85 -0.34 0.13	53.67 -0.67 0.00	45.99 -0.45 1.42	42.57 -0.39 0.00	43.31 -0.22 0.00	40.24 -0.20 0.00	37.64 -0.34 0.00	34.80 -0.46 0.00	35.74 -0.97 0.00	53.94 -1.59 0.00	44.43 -1.09 0.00	58.32 -1.45 0.00	33.49 -1.43 0.00	32.43 -1.09 0.00	35.47 -0.48 0.00
CHATEAUG_35_KV_LOAD 355732	33.31 1.05 0.00	35.65 1.25 0.00	33.91 1.08 0.00	35.35 0.91 0.00	34.79 0.70 0.00	33.75 0.33 0.00	33.78 0.30 0.00	39.32 0.42 0.00	37.78 0.34 0.00	50.64 0.32 0.00	54.76 0.41 0.00	48.42 0.56 0.00	43.49 0.54 0.00	44.01 0.47 0.00	40.85 0.40 0.00	38.42 0.44 0.00	35.69 0.43 0.00	37.26 0.55 0.00	56.56 1.03 0.00	45.89 0.37 0.00	60.32 0.55 0.00	35.41 0.50 0.00	34.52 1.00 0.00	37.25 1.29 0.00
CHATEAUG_WT_PWR 323614	33.25 0.99 0.00	35.56 1.16 0.00	33.81 0.97 0.00	35.24 0.80 0.00	34.67 0.58 0.00	33.63 0.21 0.00	33.66 0.18 0.00	39.17 0.28 0.00	37.65 0.21 0.00	50.47 0.14 0.00	54.59 0.25 0.00	48.31 0.44 0.00	43.39 0.44 0.00	43.89 0.36 0.00	40.71 0.26 0.00	38.28 0.30 0.00	35.57 0.31 0.00	37.15 0.44 0.00	56.38 0.85 0.00	45.76 0.24 0.00	60.15 0.38 0.00	35.30 0.38 0.00	34.44 0.92 0.00	37.19 1.23 0.00
CHAT_HIGH_FALL_HYD 323578	33.31 1.05 0.00	35.65 1.25 0.00	33.91 1.08 0.00	35.35 0.91 0.00	34.79 0.70 0.00	33.75 0.33 0.00	33.78 0.30 0.00	39.32 0.42 0.00	37.78 0.34 0.00	50.64 0.32 0.00	54.76 0.41 0.00	48.42 0.56 0.00	43.49 0.54 0.00	44.01 0.47 0.00	40.85 0.40 0.00	38.42 0.44 0.00	35.69 0.43 0.00	37.26 0.55 0.00	56.56 1.03 0.00	45.89 0.37 0.00	60.32 0.55 0.00	35.41 0.50 0.00	34.52 1.00 0.00	37.25 1.29 0.00
CHAUTAUQUA___LFGE 323629	33.01 0.76 0.00	35.47 1.06 0.00	33.79 0.96 0.00	35.46 1.02 0.00	35.21 1.12 0.00	34.15 0.73 0.00	34.00 0.52 0.00	39.15 0.25 0.00	37.39 -0.05 0.00	50.30 0.11 0.14	54.15 -0.20 0.00	46.28 -0.10 1.48	42.81 -0.14 0.00	43.44 -0.10 0.00	40.39 -0.06 0.00	37.74 -0.23 0.00	34.90 -0.36 0.00	35.89 -0.82 0.00	54.29 -1.24 0.00	44.90 -0.62 0.00	58.82 -0.95 0.00	33.84 -1.08 0.00	32.60 -0.92 0.00	35.71 -0.25 0.00
CHERRYST_13_KV_LD 356241	33.36 0.90 -0.20	35.84 0.78 -0.65	33.71 0.70 -0.18	35.79 0.78 -0.57	35.08 0.82 -0.17	34.76 1.07 -0.27	34.83 1.36 0.00	41.73 1.56 -1.27	39.03 1.57 -0.02	52.49 2.17 0.00	57.15 2.81 0.00	50.10 2.24 0.00	44.89 1.94 0.00	45.20 1.66 0.00	41.89 1.45 0.00	39.43 1.45 0.00	36.77 1.51 0.00	38.36 1.65 0.00	57.95 2.42 0.00	48.04 2.52 0.00	62.81 3.03 0.00	36.68 1.76 0.00	35.45 1.65 -0.28	37.46 1.50 0.00

CHESTROR_138KV_BK263 355645	32.92 0.50 -0.17	35.36 0.40 -0.55	33.31 0.33 -0.15	35.36 0.43 -0.49	34.69 0.46 -0.14	34.29 0.64 -0.23	34.35 0.88 0.00	41.03 1.06 -1.08	38.51 1.05 -0.02	51.82 1.49 0.00	56.34 2.00 0.00	49.45 1.59 0.00	44.32 1.36 0.00	44.65 1.11 0.00	41.39 0.94 0.00	38.93 0.95 0.00	36.26 1.00 0.00	37.83 1.12 0.00	57.21 1.67 0.00	47.34 1.82 0.00	61.98 2.21 0.00	36.16 1.25 0.00	34.87 1.11 -0.24	36.97 1.00 0.00
CH_MIDHUDSON___DRP 24192	32.93 0.53 -0.15	35.29 0.39 -0.49	33.31 0.34 -0.13	35.29 0.42 -0.43	34.67 0.45 -0.12	34.27 0.65 -0.20	34.33 0.85 0.00	40.86 1.02 -0.95	38.49 1.03 -0.02	51.82 1.50 0.00	56.34 2.00 0.00	49.51 1.65 0.00	44.41 1.46 0.00	44.78 1.25 0.00	41.51 1.06 0.00	39.07 1.09 0.00	36.43 1.17 0.00	38.02 1.31 0.00	57.39 1.86 0.00	47.41 1.89 0.00	62.00 2.22 0.00	36.18 1.26 0.00	34.80 1.07 -0.21	36.91 0.95 0.00
CH_MISC_IPPS 23765	33.19 0.78 -0.16	35.60 0.67 -0.53	33.56 0.58 -0.14	35.59 0.69 -0.46	34.95 0.72 -0.13	34.55 0.91 -0.22	34.61 1.13 0.00	41.30 1.37 -1.03	38.84 1.38 -0.02	52.31 1.99 0.00	56.88 2.53 0.00	49.96 2.09 0.00	44.80 1.85 0.00	45.17 1.63 0.00	41.87 1.42 0.00	39.41 1.43 0.00	36.79 1.53 0.00	38.39 1.68 0.00	57.92 2.39 0.00	47.85 2.33 0.00	62.59 2.82 0.00	36.51 1.59 0.00	35.14 1.39 -0.23	37.25 1.29 0.00
CH_RES_BVR_FALLS 23983	32.19 -0.06 0.00	34.41 0.00 0.00	32.85 0.02 0.00	34.39 -0.05 0.00	33.92 -0.17 0.00	33.12 -0.30 0.00	33.18 -0.30 0.00	38.64 -0.26 0.00	37.22 -0.22 0.00	49.94 -0.38 0.00	53.80 -0.55 0.00	47.44 -0.43 0.00	42.62 -0.34 0.00	43.24 -0.30 0.00	40.23 -0.22 0.00	37.69 -0.29 0.00	34.87 -0.38 0.00	36.24 -0.46 0.00	54.86 -0.67 0.00	44.85 -0.67 0.00	59.17 -0.60 0.00	34.66 -0.26 0.00	33.39 -0.13 0.00	35.93 -0.03 0.00
CH_RES_NIAGARA 23895	31.90 -0.36 0.00	34.44 0.03 0.00	32.81 -0.02 0.00	34.27 -0.16 0.00	33.96 -0.14 0.00	32.91 -0.51 0.00	32.52 -0.96 0.00	37.16 -1.74 0.00	35.59 -1.85 0.00	47.75 -2.57 0.00	51.26 -3.09 0.00	45.31 -2.55 0.00	40.74 -2.22 0.00	41.53 -2.01 0.00	38.63 -1.82 0.00	36.16 -1.82 0.00	33.41 -1.85 0.00	34.28 -2.43 0.00	51.75 -3.78 0.00	42.47 -3.05 0.00	55.77 -4.00 0.00	31.98 -2.93 0.00	31.08 -2.44 0.00	34.14 -1.83 0.00
CH_RES_SYRACUSE 23985	32.42 0.16 0.00	34.58 0.17 0.00	32.98 0.14 0.00	34.60 0.16 0.00	34.34 0.24 0.00	33.62 0.20 0.00	33.62 0.15 0.00	39.04 0.15 0.00	37.58 0.14 0.00	50.64 0.32 0.00	54.75 0.41 0.00	48.17 0.31 0.00	43.21 0.26 0.00	43.73 0.19 0.00	40.59 0.14 0.00	38.10 0.12 0.00	35.37 0.11 0.00	36.76 0.06 0.00	55.54 0.01 0.00	45.72 0.20 0.00	59.97 0.20 0.00	34.88 -0.03 0.00	33.43 -0.09 0.00	35.91 -0.06 0.00
CLINTON_WT_PWR 323605	33.25 0.99 0.00	35.56 1.16 0.00	33.81 0.97 0.00	35.24 0.80 0.00	34.67 0.58 0.00	33.63 0.21 0.00	33.66 0.18 0.00	39.17 0.28 0.00	37.65 0.21 0.00	50.47 0.14 0.00	54.59 0.25 0.00	48.31 0.44 0.00	43.39 0.44 0.00	43.89 0.36 0.00	40.71 0.26 0.00	38.28 0.30 0.00	35.57 0.31 0.00	37.15 0.44 0.00	56.38 0.85 0.00	45.76 0.24 0.00	60.15 0.38 0.00	35.30 0.38 0.00	34.44 0.92 0.00	37.19 1.23 0.00
CLINTON___LFGE 323618	33.80 1.55 0.00	36.18 1.78 0.00	34.43 1.60 0.00	35.90 1.46 0.00	35.28 1.19 0.00	34.18 0.76 0.00	34.20 0.73 0.00	39.76 0.86 0.00	38.21 0.77 0.00	51.25 0.93 0.00	55.49 1.14 0.00	49.10 1.24 0.00	44.11 1.15 0.00	44.56 1.02 0.00	41.29 0.84 0.00	38.83 0.84 0.00	36.07 0.81 0.00	37.70 0.99 0.00	57.23 1.70 0.00	46.45 0.93 0.00	61.00 1.23 0.00	35.79 0.87 0.00	34.98 1.46 0.00	37.80 1.84 0.00
COBBLENY_34_KV_TB1 80064	32.84 0.59 0.00	35.41 1.00 0.00	33.72 0.89 0.00	35.29 0.85 0.00	35.01 0.91 0.00	33.95 0.53 0.00	33.68 0.20 0.00	38.75 -0.14 0.00	37.15 -0.29 0.00	49.98 -0.34 0.00	53.67 -0.68 0.00	47.42 -0.45 0.00	42.57 -0.38 0.00	43.31 -0.23 0.00	40.24 -0.21 0.00	37.64 -0.35 0.00	34.80 -0.46 0.00	35.75 -0.96 0.00	53.94 -1.60 0.00	44.44 -1.08 0.00	58.33 -1.44 0.00	33.49 -1.42 0.00	32.43 -1.09 0.00	35.48 -0.48 0.00
COFFEEN___115KV_TB3 355620	33.55 1.29 0.00	35.64 1.23 0.00	33.93 1.09 0.00	35.75 1.31 0.00	35.45 1.36 0.00	34.54 1.12 0.00	34.64 1.16 0.00	40.74 1.84 0.00	39.64 2.19 0.00	53.56 3.23 0.00	57.97 3.63 0.00	50.93 3.06 0.00	45.39 2.44 0.00	45.45 1.91 0.00	42.19 1.74 0.00	39.42 1.44 0.00	36.34 1.08 0.00	37.34 0.63 0.00	56.57 1.04 0.00	47.57 2.05 0.00	63.14 3.37 0.00	36.92 2.01 0.00	35.30 1.78 0.00	37.74 1.78 0.00
COLDSPRG_115KV_BK1 355956	33.89 1.64 0.00	36.50 2.10 0.00	34.72 1.88 0.00	36.52 2.08 0.00	36.29 2.20 0.00	35.19 1.77 0.00	35.07 1.59 0.00	40.52 1.63 0.00	38.78 1.34 0.00	52.28 1.95 0.00	56.30 1.96 0.00	49.77 1.91 0.00	44.51 1.55 0.00	45.08 1.54 0.00	41.89 1.44 0.00	39.21 1.23 0.00	36.35 1.09 0.00	37.38 0.67 0.00	56.35 0.82 0.00	46.60 1.07 0.00	61.09 1.32 0.00	35.14 0.22 0.00	33.83 0.31 0.00	36.89 0.93 0.00
COLONIE_LFGE___ 323577	32.44 0.42 0.24	34.03 0.39 0.78	33.06 0.43 0.21	34.24 0.49 0.68	34.37 0.47 0.20	33.67 0.57 0.32	34.08 0.61 0.00	38.15 0.77 1.51	38.11 0.70 0.03	51.38 1.06 0.00	55.83 1.48 0.00	49.12 1.26 0.00	44.18 1.22 0.00	44.64 1.10 0.00	41.34 0.89 0.00	38.88 0.91 0.00	36.07 0.81 0.00	37.67 0.96 0.00	57.03 1.50 0.00	46.98 1.46 0.00	61.36 1.59 0.00	35.78 0.86 0.00	33.75 0.57 0.34	36.43 0.47 0.00
COOPERNY_115KV_TB1 80082	32.70 0.33 -0.12	35.04 0.25 -0.39	33.15 0.21 -0.11	35.06 0.28 -0.34	34.51 0.31 -0.10	34.03 0.45 -0.16	34.10 0.63 0.00	40.40 0.75 -0.75	38.20 0.75 -0.01	51.41 1.08 0.00	55.79 1.44 0.00	48.99 1.13 0.00	43.92 0.96 0.00	44.32 0.79 0.00	41.11 0.66 0.00	38.65 0.67 0.00	35.95 0.69 0.00	37.48 0.78 0.00	56.68 1.15 0.00	46.83 1.31 0.00	61.34 1.57 0.00	35.80 0.88 0.00	34.46 0.78 -0.17	36.67 0.71 0.00
COPENHAGEN_WT_PWR 323753	32.81 0.55 0.00	34.88 0.47 0.00	33.20 0.37 0.00	34.99 0.55 0.00	34.70 0.61 0.00	33.77 0.35 0.00	33.78 0.30 0.00	39.72 0.82 0.00	38.61 1.17 0.00	52.15 1.82 0.00	56.42 2.07 0.00	49.56 1.69 0.00	44.20 1.24 0.00	44.25 0.71 0.00	41.08 0.63 0.00	38.42 0.44 0.00	35.35 0.09 0.00	36.42 -0.29 0.00	55.16 -0.37 0.00	46.27 0.75 0.00	61.40 1.63 0.00	35.96 1.04 0.00	34.44 0.91 0.00	36.87 0.91 0.00
CORNELL_____ 23752	33.04 0.78 0.00	35.18 0.77 0.00	33.57 0.74 0.00	35.27 0.83 0.00	35.04 0.95 0.00	34.33 0.91 0.00	34.42 0.94 0.00	40.02 1.13 0.00	38.51 1.07 0.00	51.97 1.65 0.00	56.22 1.88 0.00	49.45 1.58 0.00	44.30 1.35 0.00	44.81 1.27 0.00	41.59 1.14 0.00	39.06 1.08 0.00	36.29 1.03 0.00	37.71 1.00 0.00	56.95 1.42 0.00	46.93 1.41 0.00	61.48 1.71 0.00	35.72 0.81 0.00	34.20 0.68 0.00	36.75 0.79 0.00

CORONA_69_KV_TB1 355595	37.82 1.29 -4.28	37.86 1.14 -2.30	34.10 1.08 -0.18	36.30 1.29 -0.57	35.59 1.31 -0.19	35.26 1.57 -0.27	35.33 1.85 0.00	42.29 2.12 -1.27	39.37 1.90 -0.02	52.74 2.42 0.00	57.26 2.91 0.00	50.31 2.44 0.00	45.00 2.05 0.00	45.25 1.71 0.00	42.06 1.61 0.00	39.67 1.69 0.00	37.16 1.79 -0.11	38.75 2.04 0.00	58.33 2.81 0.00	48.36 2.84 0.00	63.22 3.44 0.00	36.99 2.07 0.00	35.81 2.01 -0.28	37.77 1.81 0.00
CORTLAND_115KV_TB3 80093	32.70 0.45 0.00	34.83 0.43 0.00	33.25 0.41 0.00	34.93 0.49 0.00	34.68 0.58 0.00	33.96 0.54 0.00	34.06 0.58 0.00	39.58 0.68 0.00	38.08 0.64 0.00	51.36 1.03 0.00	55.54 1.19 0.00	48.86 0.99 0.00	43.78 0.82 0.00	44.27 0.73 0.00	41.11 0.66 0.00	38.61 0.62 0.00	35.86 0.60 0.00	37.28 0.57 0.00	56.31 0.78 0.00	46.42 0.90 0.00	60.83 1.06 0.00	35.38 0.47 0.00	33.86 0.34 0.00	36.38 0.42 0.00
COXSACKIE___GT 23611	34.72 2.53 0.06	36.82 2.61 0.20	35.31 2.53 0.05	36.96 2.69 0.18	36.67 2.63 0.05	36.02 2.68 0.08	36.16 2.68 0.00	41.82 3.31 0.39	40.85 3.42 0.01	55.21 4.88 0.00	59.88 5.54 0.00	52.65 4.78 0.00	47.37 4.42 0.00	47.71 4.17 0.00	44.27 3.82 0.00	41.63 3.64 0.00	38.82 3.56 0.00	40.58 3.87 0.00	61.15 5.62 0.00	50.20 4.68 0.00	65.51 5.74 0.00	38.02 3.10 0.00	36.09 2.66 0.09	38.67 2.71 0.00
CPV_VALLEY___CC1 323721	32.66 0.25 -0.15	35.06 0.15 -0.51	33.07 0.10 -0.14	35.06 0.18 -0.44	34.44 0.22 -0.13	34.02 0.39 -0.21	34.07 0.59 0.00	40.60 0.72 -0.98	38.18 0.72 -0.02	51.39 1.06 0.00	55.83 1.49 0.00	49.01 1.14 0.00	43.93 0.97 0.00	44.30 0.76 0.00	41.05 0.60 0.00	38.61 0.63 0.00	35.96 0.70 0.00	37.52 0.80 0.00	56.71 1.18 0.00	46.91 1.38 0.00	61.41 1.64 0.00	35.83 0.92 0.00	34.53 0.79 -0.22	36.64 0.68 0.00
CPV_VALLEY___CC2 323722	32.66 0.25 -0.15	35.06 0.15 -0.51	33.07 0.10 -0.14	35.06 0.18 -0.44	34.44 0.22 -0.13	34.02 0.39 -0.21	34.07 0.59 0.00	40.60 0.72 -0.98	38.18 0.72 -0.02	51.39 1.06 0.00	55.83 1.49 0.00	49.01 1.14 0.00	43.93 0.97 0.00	44.30 0.76 0.00	41.05 0.60 0.00	38.61 0.63 0.00	35.96 0.70 0.00	37.52 0.80 0.00	56.71 1.18 0.00	46.91 1.38 0.00	61.41 1.64 0.00	35.83 0.92 0.00	34.53 0.79 -0.22	36.64 0.68 0.00
CRESCENT___HYD 24018	32.44 0.42 0.24	34.03 0.39 0.78	33.06 0.43 0.21	34.24 0.49 0.68	34.37 0.47 0.20	33.67 0.57 0.32	34.08 0.61 0.00	38.15 0.77 1.51	38.11 0.70 0.03	51.38 1.06 0.00	55.83 1.48 0.00	49.12 1.26 0.00	44.18 1.22 0.00	44.64 1.10 0.00	41.34 0.89 0.00	38.88 0.91 0.00	36.07 0.81 0.00	37.67 0.96 0.00	57.03 1.50 0.00	46.98 1.46 0.00	61.36 1.59 0.00	35.78 0.86 0.00	33.75 0.57 0.34	36.43 0.47 0.00
CRICKET___VALLEY_CC1 323756	29.62 0.00 2.63	25.60 -0.19 8.61	30.29 -0.20 2.34	26.71 -0.15 7.57	31.78 -0.12 2.19	29.94 0.08 3.56	33.75 0.27 0.00	22.41 0.32 16.80	37.49 0.35 0.30	50.89 0.57 0.00	55.38 1.04 0.00	48.71 0.84 0.00	43.73 0.77 0.00	44.10 0.56 0.00	40.86 0.41 0.00	38.47 0.49 0.00	35.78 0.52 0.00	37.36 0.65 0.00	56.47 0.94 0.00	46.67 1.15 0.00	60.94 1.17 0.00	35.58 0.66 0.00	30.27 0.45 3.70	36.26 0.30 0.00
CRICKET___VALLEY_CC2 323757	29.62 0.00 2.63	25.60 -0.19 8.61	30.29 -0.20 2.34	26.71 -0.15 7.57	31.78 -0.12 2.19	29.94 0.08 3.56	33.75 0.27 0.00	22.41 0.32 16.80	37.49 0.35 0.30	50.89 0.57 0.00	55.38 1.04 0.00	48.71 0.84 0.00	43.73 0.77 0.00	44.10 0.56 0.00	40.86 0.41 0.00	38.47 0.49 0.00	35.78 0.52 0.00	37.36 0.65 0.00	56.47 0.94 0.00	46.67 1.15 0.00	60.94 1.17 0.00	35.58 0.66 0.00	30.27 0.45 3.70	36.26 0.30 0.00
CRICKET___VALLEY_CC3 323758	29.62 0.00 2.63	25.60 -0.19 8.61	30.29 -0.20 2.34	26.71 -0.15 7.57	31.78 -0.12 2.19	29.94 0.08 3.56	33.75 0.27 0.00	22.41 0.32 16.80	37.49 0.35 0.30	50.89 0.57 0.00	55.38 1.04 0.00	48.71 0.84 0.00	43.73 0.77 0.00	44.10 0.56 0.00	40.86 0.41 0.00	38.47 0.49 0.00	35.78 0.52 0.00	37.36 0.65 0.00	56.47 0.94 0.00	46.67 1.15 0.00	60.94 1.17 0.00	35.58 0.66 0.00	30.27 0.45 3.70	36.26 0.30 0.00
CRUCIBLE_METL_DRP 24180	32.42 0.16 0.00	34.59 0.18 0.00	32.97 0.14 0.00	34.60 0.16 0.00	34.33 0.24 0.00	33.61 0.19 0.00	33.62 0.14 0.00	39.04 0.15 0.00	37.58 0.14 0.00	50.64 0.31 0.00	54.75 0.41 0.00	48.17 0.30 0.00	43.21 0.26 0.00	43.73 0.19 0.00	40.58 0.14 0.00	38.10 0.12 0.00	35.37 0.11 0.00	36.76 0.06 0.00	55.54 0.01 0.00	45.72 0.20 0.00	59.98 0.20 0.00	34.88 -0.03 0.00	33.43 -0.09 0.00	35.91 -0.06 0.00
DAHOWA___HYDRO 323763	32.72 0.66 0.19	34.57 0.79 0.63	33.43 0.76 0.17	34.67 0.79 0.55	34.79 0.85 0.16	34.09 0.92 0.26	34.52 1.04 0.00	38.97 1.30 1.23	38.70 1.28 0.02	52.26 1.94 0.00	56.79 2.45 0.00	50.01 2.15 0.00	44.96 2.00 0.00	45.42 1.88 0.00	42.08 1.63 0.00	39.55 1.57 0.00	36.73 1.47 0.00	38.40 1.69 0.00	58.16 2.63 0.00	48.02 2.50 0.00	62.58 2.81 0.00	36.44 1.52 0.00	34.43 1.18 0.28	37.06 1.10 0.00
DANC___LFGE 323619	32.41 0.15 0.00	34.49 0.08 0.00	32.86 0.03 0.00	34.57 0.13 0.00	34.25 0.16 0.00	33.41 -0.01 0.00	33.38 -0.09 0.00	39.05 0.15 0.00	37.81 0.36 0.00	51.07 0.74 0.00	55.27 0.93 0.00	48.58 0.71 0.00	43.43 0.47 0.00	43.68 0.14 0.00	40.53 0.08 0.00	37.95 -0.03 0.00	35.02 -0.24 0.00	36.24 -0.47 0.00	54.83 -0.70 0.00	45.61 0.09 0.00	60.24 0.46 0.00	35.21 0.29 0.00	33.75 0.23 0.00	36.19 0.22 0.00
DANSKAMMER___1 23586	33.19 0.78 -0.16	35.60 0.67 -0.53	33.56 0.58 -0.14	35.59 0.69 -0.46	34.95 0.72 -0.13	34.55 0.91 -0.22	34.61 1.13 0.00	41.30 1.37 -1.03	38.84 1.38 -0.02	52.31 1.99 0.00	56.88 2.53 0.00	49.96 2.09 0.00	44.80 1.85 0.00	45.17 1.63 0.00	41.87 1.42 0.00	39.41 1.43 0.00	36.79 1.53 0.00	38.39 1.68 0.00	57.92 2.39 0.00	47.85 2.33 0.00	62.59 2.82 0.00	36.51 1.59 0.00	35.14 1.39 -0.23	37.25 1.29 0.00
DANSKAMMER___2 23589	33.19 0.78 -0.16	35.60 0.67 -0.53	33.56 0.58 -0.14	35.59 0.69 -0.46	34.95 0.72 -0.13	34.55 0.91 -0.22	34.61 1.13 0.00	41.30 1.37 -1.03	38.84 1.38 -0.02	52.31 1.99 0.00	56.88 2.53 0.00	49.96 2.09 0.00	44.80 1.85 0.00	45.17 1.63 0.00	41.87 1.42 0.00	39.41 1.43 0.00	36.79 1.53 0.00	38.39 1.68 0.00	57.92 2.39 0.00	47.85 2.33 0.00	62.59 2.82 0.00	36.51 1.59 0.00	35.14 1.39 -0.23	37.25 1.29 0.00
DANSKAMMER___3 23590	33.19 0.78 -0.16	35.60 0.67 -0.53	33.56 0.58 -0.14	35.59 0.69 -0.46	34.95 0.72 -0.13	34.55 0.91 -0.22	34.61 1.13 0.00	41.30 1.37 -1.03	38.84 1.38 -0.02	52.31 1.99 0.00	56.88 2.53 0.00	49.96 2.09 0.00	44.80 1.85 0.00	45.17 1.63 0.00	41.87 1.42 0.00	39.41 1.43 0.00	36.79 1.53 0.00	38.39 1.68 0.00	57.92 2.39 0.00	47.85 2.33 0.00	62.59 2.82 0.00	36.51 1.59 0.00	35.14 1.39 -0.23	37.25 1.29 0.00

DANSKAMMER___4 23591	33.19 0.78 -0.16	35.60 0.67 -0.53	33.56 0.58 -0.14	35.59 0.69 -0.46	34.95 0.72 -0.13	34.55 0.91 -0.22	34.61 1.13 0.00	41.30 1.37 -1.03	38.84 1.38 -0.02	52.31 1.99 0.00	56.88 2.53 0.00	49.96 2.09 0.00	44.80 1.85 0.00	45.17 1.63 0.00	41.87 1.42 0.00	39.41 1.43 0.00	36.79 1.53 0.00	38.39 1.68 0.00	57.92 2.39 0.00	47.85 2.33 0.00	62.59 2.82 0.00	36.51 1.59 0.00	35.14 1.39 -0.23	37.25 1.29 0.00
DANSKAMMER___DIESEL 23592	33.20 0.78 -0.16	35.60 0.67 -0.53	33.56 0.58 -0.14	35.59 0.69 -0.46	34.95 0.72 -0.13	34.55 0.91 -0.22	34.61 1.13 0.00	41.30 1.37 -1.03	38.84 1.38 -0.02	52.31 1.99 0.00	56.88 2.53 0.00	49.96 2.09 0.00	44.80 1.85 0.00	45.17 1.63 0.00	41.87 1.42 0.00	39.41 1.43 0.00	36.78 1.53 0.00	38.39 1.68 0.00	57.92 2.39 0.00	47.86 2.34 0.00	62.59 2.82 0.00	36.50 1.59 0.00	35.14 1.40 -0.23	37.25 1.29 0.00
DARBY___SOLAR 323810	32.69 0.64 0.20	34.51 0.75 0.65	33.39 0.73 0.18	34.63 0.76 0.58	34.74 0.82 0.17	34.04 0.89 0.27	34.47 1.00 0.00	38.86 1.24 1.28	38.62 1.21 0.02	52.15 1.82 0.00	56.64 2.30 0.00	49.87 2.01 0.00	44.83 1.87 0.00	45.30 1.76 0.00	41.95 1.51 0.00	39.44 1.46 0.00	36.63 1.38 0.00	38.29 1.59 0.00	58.00 2.47 0.00	47.85 2.33 0.00	62.42 2.65 0.00	36.34 1.42 0.00	34.35 1.11 0.29	37.01 1.04 0.00
DASHVILLE___HYD 23610	32.47 0.13 -0.09	34.71 0.00 -0.30	32.84 -0.07 -0.08	34.74 0.04 -0.26	34.17 0.00 -0.08	33.78 0.24 -0.12	33.93 0.45 0.00	40.15 0.68 -0.58	38.06 0.61 -0.01	51.24 0.92 0.00	55.73 1.39 0.00	48.93 1.07 0.00	43.86 0.91 0.00	44.21 0.67 0.00	41.00 0.55 0.00	38.58 0.60 0.00	37.17 1.91 0.00	38.77 2.06 0.00	57.63 2.10 0.00	46.88 1.35 0.00	61.33 1.55 0.00	35.80 0.88 0.00	34.42 0.77 -0.13	36.54 0.57 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	34.47 1.75 -0.47	36.96 1.79 -0.76	34.67 1.66 -0.18	36.84 1.82 -0.57	35.96 1.70 -0.17	35.92 2.23 -0.27	36.09 2.61 0.00	43.13 2.96 -1.27	39.92 2.45 -0.02	52.45 2.13 0.00	57.23 2.88 0.00	50.24 2.38 0.00	44.80 1.85 0.00	45.04 1.50 0.00	41.88 1.43 0.00	39.50 1.52 0.00	36.99 1.73 -0.01	39.02 2.31 0.00	59.77 4.24 0.00	49.57 4.04 0.00	64.16 4.39 0.00	36.90 1.99 0.00	35.85 2.05 -0.28	37.51 1.55 0.00
DELAWARE___LFGE 323621	32.92 0.67 0.00	35.01 0.60 0.00	33.41 0.58 0.00	35.11 0.68 0.00	34.83 0.74 0.00	34.22 0.80 0.00	34.36 0.88 0.00	39.93 1.04 0.00	38.52 1.07 0.00	51.88 1.55 0.00	56.16 1.81 0.00	49.35 1.49 0.00	44.21 1.25 0.00	44.56 1.02 0.00	41.32 0.87 0.00	38.83 0.86 0.00	36.09 0.84 0.00	37.62 0.91 0.00	56.81 1.28 0.00	46.79 1.27 0.00	61.28 1.51 0.00	35.73 0.82 0.00	34.28 0.70 -0.06	36.67 0.71 0.00
DERFIELD_115KV_TB7 355931	32.26 0.01 0.00	34.38 -0.02 0.00	32.81 -0.03 0.00	34.43 -0.01 0.00	34.09 0.00 0.00	33.47 0.04 0.00	33.54 0.07 0.00	38.98 0.09 0.00	37.55 0.11 0.00	50.54 0.21 0.00	54.67 0.33 0.00	48.12 0.25 0.00	43.20 0.25 0.00	43.71 0.17 0.00	40.59 0.15 0.00	38.13 0.15 0.00	35.39 0.13 0.00	36.87 0.16 0.00	55.75 0.22 0.00	45.85 0.33 0.00	60.13 0.35 0.00	35.11 0.19 0.00	33.63 0.11 0.00	36.03 0.07 0.00
DOGLEVILLE___HYD 23807	31.61 -0.65 0.00	33.51 -0.90 0.00	32.01 -0.82 0.00	33.65 -0.79 0.00	33.33 -0.76 0.00	32.83 -0.59 0.00	33.08 -0.40 0.00	38.40 -0.49 0.00	37.05 -0.39 0.00	50.21 -0.11 0.00	54.89 0.54 0.00	48.48 0.62 0.00	43.80 0.84 0.00	44.37 0.83 0.00	41.02 0.57 0.00	38.44 0.46 0.00	35.72 0.46 0.00	37.28 0.58 0.00	56.15 0.62 0.00	46.37 0.85 0.00	60.58 0.81 0.00	35.31 0.39 0.00	33.67 0.15 0.00	35.88 -0.09 0.00
DUNKIRK___115KV_TB_200 55889	32.93 0.68 0.00	35.43 1.03 0.00	33.72 0.89 0.00	35.39 0.95 0.00	35.14 1.05 0.00	34.07 0.65 0.00	33.91 0.44 0.00	39.05 0.15 0.00	37.29 -0.15 0.00	50.29 -0.03 0.00	54.01 -0.34 0.00	47.64 -0.23 0.00	42.71 -0.24 0.00	43.34 -0.20 0.00	40.30 -0.15 0.00	37.67 -0.31 0.00	34.83 -0.42 0.00	35.83 -0.88 0.00	54.16 -1.37 0.00	44.78 -0.74 0.00	58.70 -1.07 0.00	33.76 -1.16 0.00	32.55 -0.98 0.00	35.65 -0.32 0.00
DUNKIRK___1 23563	32.93 0.68 0.00	35.43 1.03 0.00	33.72 0.89 0.00	35.39 0.95 0.00	35.14 1.05 0.00	34.07 0.65 0.00	33.91 0.44 0.00	39.05 0.15 0.00	37.29 -0.15 0.00	50.29 -0.03 0.00	54.01 -0.34 0.00	47.64 -0.23 0.00	42.71 -0.24 0.00	43.34 -0.20 0.00	40.30 -0.15 0.00	37.67 -0.31 0.00	34.83 -0.42 0.00	35.83 -0.88 0.00	54.16 -1.37 0.00	44.78 -0.74 0.00	58.70 -1.07 0.00	33.76 -1.16 0.00	32.55 -0.98 0.00	35.65 -0.32 0.00
DUNKIRK___2 23564	32.93 0.68 0.00	35.43 1.03 0.00	33.72 0.89 0.00	35.39 0.95 0.00	35.14 1.05 0.00	34.07 0.65 0.00	33.91 0.44 0.00	39.05 0.15 0.00	37.29 -0.15 0.00	50.29 -0.03 0.00	54.01 -0.34 0.00	47.64 -0.23 0.00	42.71 -0.24 0.00	43.34 -0.20 0.00	40.30 -0.15 0.00	37.67 -0.31 0.00	34.83 -0.42 0.00	35.83 -0.88 0.00	54.16 -1.37 0.00	44.78 -0.74 0.00	58.70 -1.07 0.00	33.76 -1.16 0.00	32.55 -0.98 0.00	35.65 -0.32 0.00
DUNKIRK___3 23565	32.69 0.43 0.00	35.15 0.75 0.00	33.47 0.64 0.00	35.15 0.71 0.00	34.92 0.82 0.00	33.86 0.44 0.00	33.73 0.25 0.00	38.85 -0.05 0.00	37.08 -0.36 0.00	50.00 -0.33 0.00	53.70 -0.64 0.00	47.38 -0.49 0.00	42.47 -0.48 0.00	43.09 -0.46 0.00	40.06 -0.39 0.00	37.48 -0.51 0.00	34.70 -0.56 0.00	35.69 -1.01 0.00	53.92 -1.61 0.00	44.59 -0.93 0.00	58.43 -1.35 0.00	33.61 -1.30 0.00	32.41 -1.11 0.00	35.48 -0.48 0.00
DUNKIRK___4 23566	32.87 0.61 0.00	35.38 0.98 0.00	33.69 0.85 0.00	35.33 0.89 0.00	35.07 0.98 0.00	34.01 0.59 0.00	33.81 0.34 0.00	38.93 0.04 0.00	37.21 -0.22 0.00	50.16 -0.16 0.00	53.86 -0.49 0.00	47.53 -0.33 0.00	42.63 -0.32 0.00	43.29 -0.24 0.00	40.24 -0.21 0.00	37.62 -0.36 0.00	34.80 -0.46 0.00	35.77 -0.94 0.00	54.05 -1.48 0.00	44.65 -0.87 0.00	58.54 -1.23 0.00	33.65 -1.26 0.00	32.48 -1.04 0.00	35.56 -0.40 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	33.26 0.81 -0.20	35.70 0.64 -0.65	33.58 0.56 -0.18	35.67 0.66 -0.57	34.95 0.69 -0.17	34.61 0.92 -0.27	34.65 1.17 0.00	41.55 1.38 -1.27	38.83 1.36 -0.02	52.23 1.91 0.00	56.83 2.48 0.00	49.86 1.99 0.00	44.68 1.72 0.00	44.99 1.45 0.00	41.70 1.25 0.00	39.25 1.27 0.00	36.59 1.34 0.00	38.18 1.47 0.00	57.71 2.18 0.00	47.82 2.30 0.00	62.55 2.78 0.00	36.53 1.61 0.00	35.28 1.48 -0.28	37.30 1.34 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	33.02 0.60 -0.16	35.43 0.49 -0.53	33.40 0.42 -0.14	35.42 0.51 -0.46	34.77 0.55 -0.13	34.37 0.73 -0.22	34.44 0.97 0.00	41.09 1.17 -1.03	38.63 1.17 -0.02	52.01 1.69 0.00	56.55 2.21 0.00	49.65 1.79 0.00	44.50 1.55 0.00	44.87 1.33 0.00	41.59 1.14 0.00	39.13 1.15 0.00	36.56 1.30 0.00	38.14 1.43 0.00	57.55 2.02 0.00	47.55 2.03 0.00	62.23 2.47 0.00	36.30 1.39 0.00	34.97 1.23 -0.22	37.08 1.11 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	33.28 0.82 -0.20	35.87 0.81 -0.65	33.80 0.78 -0.18	35.87 0.86 -0.57	35.19 0.93 -0.17	34.86 1.17 -0.27	34.87 1.40 0.00	41.82 1.65 -1.28	39.09 1.62 -0.02	52.55 2.22 0.00	57.19 2.85 0.00	50.14 2.27 0.00	44.95 1.99 0.00	45.23 1.69 0.00	41.92 1.47 0.00	39.48 1.49 0.00	36.79 1.53 0.00	38.39 1.68 0.00	57.96 2.43 0.00	48.05 2.53 0.00	62.80 3.03 0.00	36.69 1.77 0.00	35.42 1.61 -0.29	37.42 1.46 0.00
E179THST_13_KV_LOAD 356214	33.42 0.97 -0.20	36.03 0.97 -0.65	33.93 0.91 -0.18	36.01 1.00 -0.57	35.32 1.07 -0.17	34.99 1.30 -0.27	35.02 1.54 0.00	41.98 1.81 -1.28	39.24 1.78 -0.02	52.79 2.47 0.00	57.45 3.11 0.00	50.37 2.51 0.00	45.17 2.21 0.00	45.45 1.90 0.00	42.12 1.67 0.00	39.66 1.67 0.00	36.97 1.71 0.00	38.57 1.86 0.00	58.23 2.70 0.00	48.27 2.75 0.00	63.09 3.32 0.00	36.85 1.93 0.00	35.56 1.76 -0.29	37.59 1.62 0.00
EAST HAMPTON___GT 23717	34.65 1.93 -0.47	37.11 1.94 -0.76	34.79 1.78 -0.18	36.83 1.81 -0.57	35.89 1.63 -0.17	35.85 2.16 -0.27	36.03 2.56 0.00	43.07 2.91 -1.27	39.88 2.42 -0.02	52.36 2.03 0.00	57.19 2.84 0.00	50.19 2.33 0.00	44.76 1.81 0.00	45.00 1.46 0.00	41.83 1.38 0.00	39.46 1.47 0.00	36.97 1.70 -0.01	39.22 2.51 0.00	60.20 4.67 0.00	49.89 4.37 0.00	64.57 4.80 0.00	36.87 1.95 0.00	35.85 2.05 -0.28	37.46 1.50 0.00
EAST RIVER___6 23660	33.25 0.79 -0.20	35.70 0.64 -0.65	33.59 0.57 -0.18	35.64 0.63 -0.57	34.94 0.68 -0.17	34.64 0.95 -0.27	34.70 1.22 0.00	41.56 1.39 -1.27	38.87 1.41 -0.02	52.28 1.96 0.00	56.94 2.60 0.00	49.92 2.06 0.00	44.74 1.79 0.00	45.04 1.50 0.00	41.75 1.30 0.00	39.29 1.31 0.00	36.66 1.40 0.00	38.24 1.54 0.00	57.76 2.23 0.00	47.87 2.35 0.00	62.59 2.82 0.00	36.55 1.63 0.00	35.32 1.52 -0.28	37.36 1.40 0.00
EAST RIVER___7 23524	33.25 0.79 -0.20	35.70 0.64 -0.65	33.59 0.57 -0.18	35.64 0.63 -0.57	34.94 0.68 -0.17	34.64 0.95 -0.27	34.70 1.22 0.00	41.56 1.39 -1.27	38.87 1.41 -0.02	52.28 1.96 0.00	56.94 2.60 0.00	49.92 2.06 0.00	44.74 1.79 0.00	45.04 1.50 0.00	41.75 1.30 0.00	39.29 1.31 0.00	36.66 1.40 0.00	38.24 1.54 0.00	57.76 2.23 0.00	47.87 2.35 0.00	62.59 2.82 0.00	36.55 1.63 0.00	35.32 1.52 -0.28	37.36 1.40 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	33.18 0.73 -0.20	35.65 0.59 -0.65	33.52 0.51 -0.18	35.63 0.61 -0.57	34.90 0.65 -0.16	34.55 0.86 -0.27	34.60 1.12 0.00	41.49 1.33 -1.27	38.78 1.31 -0.02	52.16 1.83 0.00	56.75 2.40 0.00	49.78 1.91 0.00	44.61 1.65 0.00	44.92 1.38 0.00	41.64 1.19 0.00	39.19 1.21 0.00	36.53 1.27 0.00	38.13 1.42 0.00	57.62 2.08 0.00	47.73 2.21 0.00	62.45 2.68 0.00	36.46 1.54 0.00	35.21 1.41 -0.28	37.23 1.27 0.00
EAST_HAMPTON___DIESEL 23722	34.65 1.92 -0.47	37.10 1.93 -0.76	34.79 1.78 -0.18	36.80 1.78 -0.57	35.83 1.58 -0.17	35.79 2.10 -0.27	35.98 2.50 0.00	43.01 2.84 -1.27	39.82 2.36 -0.02	52.27 1.95 0.00	57.10 2.76 0.00	50.12 2.26 0.00	44.69 1.74 0.00	44.93 1.39 0.00	41.77 1.32 0.00	39.39 1.41 0.00	36.91 1.64 -0.01	39.19 2.48 0.00	60.20 4.67 0.00	49.90 4.38 0.00	64.58 4.81 0.00	36.83 1.91 0.00	35.81 2.01 -0.28	37.41 1.45 0.00
EAST_PULASKI___ESR 323781	32.12 -0.13 0.00	34.23 -0.18 0.00	32.66 -0.18 0.00	34.29 -0.15 0.00	33.97 -0.13 0.00	33.21 -0.21 0.00	33.17 -0.31 0.00	38.59 -0.31 0.00	37.23 -0.21 0.00	50.26 -0.06 0.00	54.39 0.04 0.00	47.85 -0.02 0.00	42.86 -0.10 0.00	43.30 -0.24 0.00	40.15 -0.30 0.00	37.65 -0.33 0.00	34.88 -0.38 0.00	36.21 -0.49 0.00	54.75 -0.78 0.00	45.22 -0.31 0.00	59.42 -0.36 0.00	34.65 -0.27 0.00	33.23 -0.29 0.00	35.65 -0.31 0.00
EAST_RIVER___1 323558	33.28 0.83 -0.20	35.76 0.70 -0.65	33.63 0.61 -0.18	35.70 0.68 -0.57	34.99 0.73 -0.17	34.68 0.98 -0.27	34.73 1.26 0.00	41.62 1.45 -1.27	38.92 1.46 -0.02	52.34 2.02 0.00	56.98 2.64 0.00	49.95 2.09 0.00	44.76 1.81 0.00	45.06 1.52 0.00	41.76 1.31 0.00	39.32 1.34 0.00	36.67 1.41 0.00	38.25 1.55 0.00	57.78 2.25 0.00	47.90 2.38 0.00	62.63 2.86 0.00	36.59 1.67 0.00	35.35 1.55 -0.28	37.36 1.40 0.00
EAST_RIVER___2 323559	33.25 0.79 -0.20	35.70 0.64 -0.65	33.59 0.57 -0.18	35.64 0.63 -0.57	34.94 0.68 -0.17	34.64 0.95 -0.27	34.70 1.22 0.00	41.56 1.39 -1.27	38.87 1.41 -0.02	52.28 1.96 0.00	56.94 2.60 0.00	49.92 2.06 0.00	44.74 1.79 0.00	45.04 1.50 0.00	41.75 1.30 0.00	39.29 1.31 0.00	36.66 1.40 0.00	38.24 1.54 0.00	57.76 2.23 0.00	47.87 2.35 0.00	62.59 2.82 0.00	36.55 1.63 0.00	35.32 1.52 -0.28	37.36 1.40 0.00
EAST___DELAWARE_HYD 23607	32.49 0.12 -0.12	34.75 -0.04 -0.38	32.83 -0.11 -0.10	34.75 -0.02 -0.34	34.21 0.02 -0.10	33.80 0.22 -0.16	33.96 0.48 0.00	40.25 0.61 -0.75	38.11 0.66 -0.01	51.34 1.02 0.00	55.81 1.47 0.00	49.00 1.13 0.00	44.56 1.61 0.00	45.78 2.24 0.00	42.47 2.02 0.00	39.97 2.00 0.00	37.45 2.19 0.00	39.01 2.30 0.00	58.71 3.18 0.00	48.48 2.96 0.00	63.42 3.65 0.00	36.97 2.06 0.00	35.55 1.87 -0.16	37.79 1.82 0.00
EIGHT_POINT___WT_PWR 323820	32.49 0.23 0.00	35.12 0.72 0.00	33.48 0.65 0.00	35.48 1.04 0.00	35.44 1.35 0.00	34.64 1.22 0.00	34.90 1.42 0.00	40.58 1.69 0.00	38.81 1.37 0.00	52.34 1.97 -0.05	56.31 1.97 0.00	50.08 1.69 -0.52	44.26 1.31 0.00	44.68 1.14 0.00	41.45 1.00 0.00	38.98 1.00 0.00	36.19 0.93 0.00	37.50 0.79 0.00	56.40 0.87 0.00	46.71 1.19 0.00	61.11 1.34 0.00	35.37 0.45 0.00	33.72 0.20 0.00	36.29 0.33 0.00
ELBRIDGE_115KV_TB2 80188	32.26 0.01 0.00	34.44 0.03 0.00	32.81 -0.02 0.00	34.43 -0.01 0.00	34.19 0.10 0.00	33.48 0.06 0.00	33.49 0.01 0.00	38.87 -0.02 0.00	37.39 -0.05 0.00	50.38 0.06 0.00	54.48 0.13 0.00	47.88 0.02 0.00	42.98 0.02 0.00	43.50 -0.04 0.00	40.36 -0.09 0.00	37.88 -0.10 0.00	35.17 -0.09 0.00	36.54 -0.16 0.00	55.20 -0.33 0.00	45.45 -0.08 0.00	59.63 -0.14 0.00	34.70 -0.22 0.00	33.26 -0.26 0.00	35.74 -0.23 0.00
ELEC_TRO_TEK 24086	35.49 1.10 -2.13	36.79 0.94 -1.43	33.90 0.89 -0.18	36.10 1.09 -0.57	35.37 1.10 -0.18	35.07 1.38 -0.27	35.15 1.67 0.00	42.08 1.91 -1.27	39.17 1.71 -0.02	52.47 2.15 0.00	57.11 2.76 0.00	50.15 2.29 0.00	44.88 1.92 0.00	45.14 1.60 0.00	41.94 1.49 0.00	39.54 1.56 0.00	36.95 1.63 -0.05	38.55 1.84 0.00	58.22 2.69 0.00	48.26 2.74 0.00	62.99 3.21 0.00	36.80 1.88 0.00	35.62 1.82 -0.28	37.56 1.60 0.00
ELLENBURG_WT_PWR 323604	33.25 0.99 0.00	35.56 1.16 0.00	33.81 0.97 0.00	35.24 0.80 0.00	34.67 0.58 0.00	33.63 0.21 0.00	33.66 0.18 0.00	39.17 0.28 0.00	37.65 0.21 0.00	50.47 0.14 0.00	54.59 0.25 0.00	48.31 0.44 0.00	43.39 0.44 0.00	43.89 0.36 0.00	40.71 0.26 0.00	38.28 0.30 0.00	35.57 0.31 0.00	37.15 0.44 0.00	56.38 0.85 0.00	45.76 0.24 0.00	60.15 0.38 0.00	35.30 0.38 0.00	34.44 0.92 0.00	37.19 1.23 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	32.53 0.28 0.00	35.08 0.68 0.00	33.42 0.59 0.00	34.97 0.53 0.00	34.67 0.58 0.00	33.62 0.20 0.00	33.31 -0.16 0.00	38.30 -0.59 0.00	36.72 -0.72 0.00	49.36 -0.97 0.00	52.99 -1.35 0.00	46.82 -1.05 0.00	42.05 -0.90 0.00	42.80 -0.74 0.00	39.79 -0.66 0.00	37.22 -0.76 0.00	34.40 -0.86 0.00	35.34 -1.37 0.00	53.34 -2.19 0.00	43.90 -1.62 0.00	57.62 -2.15 0.00	33.08 -1.84 0.00	32.05 -1.47 0.00	35.10 -0.86 0.00
EMPIRE_CC_1 323656	32.02 0.09 0.32	33.35 -0.01 1.04	32.63 0.08 0.28	33.61 0.09 0.92	33.92 0.09 0.27	33.23 0.24 0.43	33.65 0.17 0.00	37.11 0.25 2.03	37.60 0.19 0.04	50.67 0.35 0.00	54.93 0.58 0.00	48.30 0.43 0.00	43.44 0.49 0.00	43.87 0.33 0.00	40.65 0.20 0.00	38.24 0.26 0.00	35.50 0.24 0.00	37.10 0.39 0.00	56.09 0.56 0.00	46.18 0.66 0.00	60.34 0.57 0.00	35.25 0.33 0.00	33.17 0.10 0.45	35.91 -0.05 0.00
EMPIRE_CC_2 323658	32.02 0.09 0.32	33.35 -0.01 1.04	32.63 0.08 0.28	33.61 0.09 0.92	33.92 0.09 0.27	33.23 0.24 0.43	33.65 0.17 0.00	37.11 0.25 2.03	37.60 0.19 0.04	50.67 0.35 0.00	54.93 0.58 0.00	48.30 0.43 0.00	43.44 0.49 0.00	43.87 0.33 0.00	40.65 0.20 0.00	38.24 0.26 0.00	35.50 0.24 0.00	37.10 0.39 0.00	56.09 0.56 0.00	46.18 0.66 0.00	60.34 0.57 0.00	35.25 0.33 0.00	33.17 0.10 0.45	35.91 -0.05 0.00
ENORWICH_115KV_TB1 80156	34.74 2.49 0.00	36.61 2.20 0.00	35.22 2.38 0.00	36.99 2.55 0.00	37.02 2.92 0.00	36.42 3.00 0.00	36.47 3.00 0.00	42.68 3.78 0.00	41.22 3.78 0.00	55.68 5.36 0.00	60.20 5.85 0.00	52.89 5.02 0.00	47.17 4.22 0.00	47.59 4.05 0.00	44.10 3.65 0.00	41.42 3.43 0.00	38.47 3.21 0.00	39.97 3.26 0.00	60.33 4.80 0.00	49.38 3.85 0.00	64.40 4.63 0.00	37.41 2.50 0.00	35.86 2.34 0.00	38.76 2.80 0.00
ERIE_ST__34_KV_TB1-2 80199	33.16 0.91 0.00	35.73 1.32 0.00	34.02 1.18 0.00	35.64 1.21 0.00	35.34 1.25 0.00	34.28 0.86 0.00	34.03 0.55 0.00	39.16 0.27 0.00	37.53 0.08 0.00	50.51 0.19 0.00	54.26 -0.08 0.00	48.02 0.15 0.00	43.09 0.13 0.00	43.82 0.28 0.00	40.71 0.27 0.00	38.04 0.07 0.00	35.19 -0.06 0.00	36.17 -0.54 0.00	54.57 -0.96 0.00	44.93 -0.59 0.00	58.99 -0.79 0.00	33.89 -1.03 0.00	32.81 -0.71 0.00	35.85 -0.11 0.00
ERIE_WT_PWR 323693	32.76 0.51 0.00	35.27 0.87 0.00	33.64 0.80 0.00	35.22 0.78 0.00	34.94 0.85 0.00	33.88 0.46 0.00	33.60 0.12 0.00	38.63 -0.26 0.00	37.00 -0.44 0.00	49.70 -0.50 0.12	53.47 -0.88 0.00	45.93 -0.59 1.34	42.46 -0.50 0.00	43.20 -0.34 0.00	40.15 -0.30 0.00	37.53 -0.45 0.00	34.67 -0.59 0.00	35.62 -1.08 0.00	53.76 -1.77 0.00	44.28 -1.24 0.00	58.11 -1.66 0.00	33.36 -1.55 0.00	32.31 -1.21 0.00	35.36 -0.61 0.00
ESPRGFLD_115KV_TB1 80157	34.01 1.82 0.06	36.09 1.89 0.21	34.48 1.70 0.06	36.05 1.80 0.19	35.89 1.85 0.05	35.19 1.85 0.09	35.30 1.83 0.00	40.65 2.17 0.41	39.70 2.26 0.01	53.50 3.17 0.00	57.81 3.46 0.00	50.90 3.03 0.00	46.28 3.32 0.00	47.62 4.08 0.00	44.14 3.69 0.00	41.30 3.32 0.00	38.39 3.13 0.00	39.78 3.07 0.00	59.93 4.40 0.00	48.83 3.31 0.00	64.47 4.70 0.00	37.60 2.68 0.00	36.02 2.70 0.20	39.23 3.27 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	32.98 0.73 0.00	35.12 0.71 0.00	33.52 0.68 0.00	35.21 0.77 0.00	34.98 0.89 0.00	34.27 0.85 0.00	34.36 0.89 0.00	39.96 1.06 0.00	38.45 1.01 0.00	51.86 1.54 0.00	56.11 1.77 0.00	49.35 1.48 0.00	44.20 1.25 0.00	44.71 1.17 0.00	41.51 1.06 0.00	38.96 0.98 0.00	36.21 0.95 0.00	37.62 0.91 0.00	56.82 1.29 0.00	46.83 1.31 0.00	61.34 1.57 0.00	35.65 0.74 0.00	34.13 0.61 0.00	36.68 0.72 0.00
ETNA____115KV_TB2 80207	32.98 0.73 0.00	35.12 0.71 0.00	33.52 0.68 0.00	35.21 0.77 0.00	34.98 0.89 0.00	34.27 0.85 0.00	34.36 0.89 0.00	39.96 1.06 0.00	38.45 1.01 0.00	51.86 1.54 0.00	56.11 1.77 0.00	49.35 1.48 0.00	44.20 1.25 0.00	44.71 1.17 0.00	41.51 1.06 0.00	38.96 0.98 0.00	36.21 0.95 0.00	37.62 0.91 0.00	56.82 1.29 0.00	46.83 1.31 0.00	61.34 1.57 0.00	35.65 0.74 0.00	34.13 0.61 0.00	36.68 0.72 0.00
EUCLID__115KV_TB2 356179	32.03 -0.22 0.00	34.18 -0.23 0.00	32.60 -0.23 0.00	34.21 -0.23 0.00	33.92 -0.18 0.00	33.19 -0.23 0.00	33.18 -0.30 0.00	38.52 -0.38 0.00	37.08 -0.36 0.00	49.95 -0.37 0.00	53.99 -0.35 0.00	47.53 -0.33 0.00	42.62 -0.33 0.00	43.15 -0.39 0.00	40.06 -0.39 0.00	37.60 -0.38 0.00	34.90 -0.36 0.00	36.26 -0.45 0.00	54.80 -0.73 0.00	45.11 -0.41 0.00	59.16 -0.61 0.00	34.42 -0.50 0.00	33.00 -0.53 0.00	35.45 -0.51 0.00
E_CANADA_CAP_HY 24051	34.32 2.16 0.10	36.43 2.34 0.31	34.83 2.08 0.09	36.28 2.12 0.28	36.19 2.17 0.08	35.34 2.04 0.13	35.40 1.93 0.00	40.58 2.30 0.61	39.84 2.41 0.01	53.67 3.34 0.00	58.03 3.69 0.00	51.21 3.34 0.00	46.30 3.35 0.00	47.21 3.67 0.00	43.79 3.35 0.00	40.98 3.00 0.00	38.08 2.82 0.00	39.49 2.78 0.00	59.54 4.00 0.00	48.59 3.07 0.00	64.12 4.35 0.00	37.41 2.49 0.00	35.85 2.53 0.20	39.01 3.05 0.00
E_CANADA_MHWK_HY 24050	31.61 -0.65 0.00	33.51 -0.90 0.00	32.01 -0.82 0.00	33.65 -0.79 0.00	33.33 -0.76 0.00	32.83 -0.59 0.00	33.08 -0.40 0.00	38.40 -0.49 0.00	37.05 -0.39 0.00	50.21 -0.11 0.00	54.89 0.54 0.00	48.48 0.62 0.00	43.80 0.84 0.00	44.37 0.83 0.00	41.02 0.57 0.00	38.44 0.46 0.00	35.72 0.46 0.00	37.28 0.58 0.00	56.15 0.62 0.00	46.37 0.85 0.00	60.58 0.81 0.00	35.31 0.39 0.00	33.67 0.15 0.00	35.88 -0.09 0.00
E_FISHKILL__LBMP 23776	32.85 0.38 -0.21	35.35 0.24 -0.70	33.23 0.20 -0.19	35.33 0.28 -0.61	34.57 0.30 -0.18	34.20 0.50 -0.29	34.18 0.70 0.00	41.09 0.84 -1.36	38.30 0.83 -0.02	51.54 1.22 0.00	56.05 1.70 0.00	49.22 1.36 0.00	44.15 1.20 0.00	44.51 0.97 0.00	41.24 0.79 0.00	38.81 0.83 0.00	36.13 0.87 0.00	37.71 1.00 0.00	57.00 1.47 0.00	47.14 1.62 0.00	61.66 1.89 0.00	35.99 1.07 0.00	34.72 0.91 -0.30	36.74 0.78 0.00
FALCON__SEABRD_CC1 323796	33.69 1.43 0.00	36.08 1.67 0.00	34.34 1.51 0.00	35.81 1.37 0.00	35.15 1.06 0.00	33.98 0.56 0.00	33.99 0.52 0.00	39.46 0.57 0.00	37.86 0.42 0.00	50.74 0.42 0.00	54.94 0.59 0.00	48.60 0.73 0.00	43.65 0.70 0.00	44.10 0.56 0.00	40.85 0.40 0.00	38.42 0.44 0.00	35.68 0.43 0.00	37.30 0.59 0.00	56.62 1.10 0.00	45.96 0.44 0.00	60.33 0.56 0.00	35.43 0.51 0.00	34.77 1.25 0.00	37.63 1.67 0.00
FALCON__SEABRD_CC2 323797	33.69 1.43 0.00	36.08 1.67 0.00	34.34 1.51 0.00	35.81 1.37 0.00	35.15 1.06 0.00	33.98 0.56 0.00	33.99 0.52 0.00	39.46 0.57 0.00	37.86 0.42 0.00	50.74 0.42 0.00	54.94 0.59 0.00	48.60 0.73 0.00	43.65 0.70 0.00	44.10 0.56 0.00	40.85 0.40 0.00	38.42 0.44 0.00	35.68 0.43 0.00	37.30 0.59 0.00	56.62 1.10 0.00	45.96 0.44 0.00	60.33 0.56 0.00	35.43 0.51 0.00	34.77 1.25 0.00	37.63 1.67 0.00

FAR ROCKAWAY___4 23548	38.29 1.52 -4.52	38.21 1.40 -2.40	34.32 1.31 -0.18	36.54 1.53 -0.57	35.82 1.54 -0.19	35.48 1.79 -0.27	35.55 2.08 0.00	42.57 2.40 -1.27	39.64 2.18 -0.02	53.13 2.81 0.00	57.37 3.02 0.00	50.37 2.50 0.00	45.05 2.09 0.00	45.23 1.68 0.00	42.12 1.67 0.00	39.75 1.77 0.00	37.24 1.87 -0.12	39.06 2.35 0.00	58.26 2.73 0.00	48.35 2.83 0.00	63.55 3.78 0.00	37.26 2.34 0.00	36.07 2.28 -0.28	38.04 2.08 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	33.31 0.86 -0.20	35.79 0.73 -0.65	33.66 0.65 -0.18	35.73 0.72 -0.57	35.03 0.77 -0.17	34.71 1.02 -0.27	34.77 1.29 0.00	41.66 1.49 -1.27	38.96 1.49 -0.02	52.40 2.07 0.00	57.03 2.68 0.00	49.99 2.12 0.00	44.81 1.85 0.00	45.10 1.55 0.00	41.80 1.35 0.00	39.35 1.36 0.00	36.70 1.44 0.00	38.29 1.58 0.00	57.83 2.30 0.00	47.95 2.42 0.00	62.69 2.92 0.00	36.62 1.70 0.00	35.38 1.58 -0.28	37.39 1.43 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	33.34 0.89 -0.20	35.82 0.76 -0.65	33.69 0.67 -0.18	35.76 0.74 -0.57	35.04 0.79 -0.17	34.73 1.04 -0.27	34.79 1.31 0.00	41.69 1.52 -1.27	38.99 1.52 -0.02	52.43 2.11 0.00	57.07 2.73 0.00	50.02 2.16 0.00	44.83 1.88 0.00	45.14 1.60 0.00	41.83 1.39 0.00	39.38 1.40 0.00	36.73 1.47 0.00	38.31 1.60 0.00	57.87 2.34 0.00	47.97 2.45 0.00	62.75 2.97 0.00	36.65 1.73 0.00	35.41 1.61 -0.28	37.42 1.46 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	33.29 0.84 -0.20	35.78 0.72 -0.65	33.65 0.64 -0.18	35.72 0.71 -0.57	35.01 0.75 -0.17	34.69 1.00 -0.27	34.75 1.28 0.00	41.65 1.48 -1.27	38.95 1.48 -0.02	52.37 2.04 0.00	57.00 2.65 0.00	49.96 2.10 0.00	44.78 1.82 0.00	45.07 1.53 0.00	41.78 1.33 0.00	39.33 1.34 0.00	36.68 1.42 0.00	38.27 1.56 0.00	57.81 2.28 0.00	47.92 2.40 0.00	62.68 2.90 0.00	36.60 1.68 0.00	35.36 1.56 -0.28	37.38 1.42 0.00
FARRAGUT___LBMP 323566	33.28 0.82 -0.20	35.76 0.70 -0.65	33.63 0.61 -0.18	35.70 0.69 -0.57	34.98 0.72 -0.17	34.68 0.98 -0.27	34.73 1.26 0.00	41.62 1.45 -1.27	38.91 1.45 -0.02	52.33 2.01 0.00	56.95 2.61 0.00	49.93 2.06 0.00	44.74 1.79 0.00	45.05 1.51 0.00	41.75 1.30 0.00	39.30 1.32 0.00	36.65 1.39 0.00	38.24 1.53 0.00	57.75 2.23 0.00	47.88 2.36 0.00	62.62 2.85 0.00	36.58 1.66 0.00	35.34 1.54 -0.28	37.35 1.39 0.00
FENNER___WINDPWR 24204	32.90 0.64 0.00	35.04 0.63 0.00	33.46 0.63 0.00	35.17 0.73 0.00	34.90 0.81 0.00	34.18 0.76 0.00	34.28 0.80 0.00	39.87 0.98 0.00	38.43 0.99 0.00	51.84 1.52 0.00	56.08 1.74 0.00	49.33 1.46 0.00	44.15 1.20 0.00	44.67 1.12 0.00	41.47 1.02 0.00	38.91 0.92 0.00	36.13 0.87 0.00	37.54 0.83 0.00	56.74 1.22 0.00	46.79 1.27 0.00	61.40 1.63 0.00	35.75 0.83 0.00	34.21 0.69 0.00	36.71 0.74 0.00
FIBERTEK___ENERGY 23856	32.42 0.16 0.00	34.59 0.18 0.00	32.97 0.14 0.00	34.60 0.16 0.00	34.33 0.24 0.00	33.61 0.19 0.00	33.62 0.14 0.00	39.04 0.15 0.00	37.58 0.14 0.00	50.64 0.31 0.00	54.75 0.41 0.00	48.17 0.30 0.00	43.21 0.26 0.00	43.73 0.19 0.00	40.58 0.14 0.00	38.10 0.12 0.00	35.37 0.11 0.00	36.76 0.06 0.00	55.54 0.01 0.00	45.72 0.20 0.00	59.98 0.20 0.00	34.88 -0.03 0.00	33.43 -0.09 0.00	35.91 -0.06 0.00
FITZPATRICK___ 23598	31.67 -0.59 0.00	33.78 -0.63 0.00	32.23 -0.60 0.00	33.82 -0.62 0.00	33.52 -0.57 0.00	32.80 -0.63 0.00	32.77 -0.71 0.00	38.04 -0.86 0.00	36.62 -0.82 0.00	49.31 -1.02 0.00	53.27 -1.08 0.00	46.90 -0.97 0.00	42.08 -0.87 0.00	42.62 -0.92 0.00	39.57 -0.88 0.00	37.15 -0.84 0.00	34.48 -0.78 0.00	35.84 -0.87 0.00	54.16 -1.37 0.00	44.54 -0.99 0.00	58.42 -1.35 0.00	34.03 -0.89 0.00	32.64 -0.88 0.00	35.07 -0.90 0.00
FLOWRFLD_69_KV_BK1 356044	33.95 1.22 -0.48	36.25 1.08 -0.76	34.07 1.06 -0.18	36.35 1.33 -0.57	35.61 1.35 -0.17	35.44 1.75 -0.27	35.58 2.11 0.00	42.57 2.40 -1.27	39.45 1.99 -0.02	52.42 2.09 0.00	57.12 2.77 0.00	50.19 2.33 0.00	44.83 1.88 0.00	45.07 1.53 0.00	41.91 1.46 0.00	39.54 1.56 0.00	36.97 1.70 -0.01	38.68 1.97 0.00	58.67 3.14 0.00	48.63 3.12 0.00	63.27 3.50 0.00	36.83 1.91 0.00	35.71 1.91 -0.28	37.52 1.56 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	33.25 0.83 -0.16	35.67 0.72 -0.54	33.63 0.64 -0.15	35.65 0.74 -0.47	35.00 0.77 -0.14	34.60 0.96 -0.22	34.67 1.19 0.00	41.37 1.43 -1.05	38.89 1.44 -0.02	52.40 2.08 0.00	56.98 2.63 0.00	50.06 2.19 0.00	44.89 1.94 0.00	45.26 1.72 0.00	41.95 1.50 0.00	39.49 1.50 0.00	36.85 1.59 0.00	38.44 1.73 0.00	58.01 2.48 0.00	47.95 2.42 0.00	62.69 2.92 0.00	36.56 1.64 0.00	35.20 1.45 -0.23	37.30 1.34 0.00
FORT ORANGE___ 23900	32.84 0.74 0.15	34.61 0.69 0.49	33.39 0.69 0.13	34.77 0.76 0.43	34.72 0.75 0.13	34.07 0.85 0.20	34.36 0.88 0.00	39.01 1.08 0.96	38.49 1.06 0.02	51.89 1.57 0.00	56.28 1.94 0.00	49.48 1.61 0.00	44.47 1.51 0.00	44.91 1.37 0.00	41.63 1.18 0.00	39.15 1.16 0.00	36.39 1.13 0.00	37.99 1.28 0.00	57.41 1.88 0.00	47.22 1.70 0.00	61.81 2.03 0.00	36.03 1.11 0.00	34.16 0.85 0.22	36.74 0.78 0.00
FORT_DRUM_COGEN 23780	32.98 0.72 0.00	35.05 0.65 0.00	33.37 0.54 0.00	35.14 0.70 0.00	34.84 0.75 0.00	33.92 0.50 0.00	33.97 0.49 0.00	39.93 1.04 0.00	38.81 1.37 0.00	52.43 2.10 0.00	56.73 2.39 0.00	49.82 1.95 0.00	44.44 1.48 0.00	44.52 0.98 0.00	41.36 0.91 0.00	38.66 0.68 0.00	35.61 0.35 0.00	36.70 -0.01 0.00	55.60 0.07 0.00	46.57 1.05 0.00	61.79 2.01 0.00	36.15 1.24 0.00	34.62 1.10 0.00	37.05 1.09 0.00
FOX_HILLS___ESR 323835	33.49 1.03 -0.20	36.00 0.93 -0.65	33.94 0.92 -0.18	35.93 0.92 -0.57	35.24 0.98 -0.17	34.95 1.26 -0.27	34.96 1.48 0.00	41.68 1.51 -1.28	38.91 1.45 -0.02	52.38 2.06 0.00	56.98 2.64 0.00	49.93 2.07 0.00	44.77 1.82 0.00	45.10 1.55 0.00	41.79 1.34 0.00	39.34 1.36 0.00	36.72 1.46 0.00	38.30 1.59 0.00	57.76 2.23 0.00	48.01 2.49 0.00	62.83 3.06 0.00	36.74 1.82 0.00	35.54 1.73 -0.29	37.53 1.57 0.00
FPL_FAR_ROCK_GT1 24212	38.29 1.51 -4.52	38.20 1.39 -2.40	34.32 1.31 -0.18	36.54 1.53 -0.57	35.82 1.54 -0.19	35.47 1.78 -0.27	35.55 2.08 0.00	42.57 2.40 -1.27	39.64 2.18 -0.02	53.13 2.80 0.00	57.37 3.02 0.00	50.37 2.50 0.00	45.05 2.09 0.00	45.22 1.68 0.00	42.12 1.67 0.00	39.74 1.76 0.00	37.24 1.87 -0.12	39.06 2.35 0.00	58.26 2.73 0.00	48.35 2.83 0.00	63.55 3.78 0.00	37.26 2.34 0.00	36.08 2.28 -0.28	38.04 2.08 0.00
FPL_FAR_ROCK_GT2 23815	38.29 1.51 -4.52	38.20 1.39 -2.40	34.32 1.31 -0.18	36.54 1.53 -0.57	35.82 1.54 -0.19	35.47 1.78 -0.27	35.55 2.08 0.00	42.57 2.40 -1.27	39.64 2.18 -0.02	53.13 2.80 0.00	57.37 3.02 0.00	50.37 2.50 0.00	45.05 2.09 0.00	45.22 1.68 0.00	42.12 1.67 0.00	39.74 1.76 0.00	37.24 1.87 -0.12	39.06 2.35 0.00	58.26 2.73 0.00	48.35 2.83 0.00	63.55 3.78 0.00	37.26 2.34 0.00	36.08 2.28 -0.28	38.04 2.08 0.00

FRANKLIN_FALL_HYD 24054	33.37 1.11 0.00	35.71 1.30 0.00	33.98 1.15 0.00	35.46 1.02 0.00	34.92 0.83 0.00	33.94 0.52 0.00	33.97 0.49 0.00	39.56 0.67 0.00	38.08 0.64 0.00	51.07 0.74 0.00	55.14 0.79 0.00	48.73 0.87 0.00	43.77 0.81 0.00	44.31 0.77 0.00	41.14 0.69 0.00	38.66 0.68 0.00	35.91 0.65 0.00	37.44 0.73 0.00	56.82 1.29 0.00	46.13 0.61 0.00	60.72 0.95 0.00	35.61 0.70 0.00	34.63 1.11 0.00	37.34 1.38 0.00
FREEPORT_EQUS_GT1 23764	35.46 1.29 -1.92	36.87 1.11 -1.35	34.06 1.05 -0.18	36.28 1.27 -0.57	35.55 1.28 -0.18	35.27 1.58 -0.27	35.36 1.88 0.00	42.33 2.16 -1.27	39.39 1.93 -0.02	52.73 2.40 0.00	57.38 3.03 0.00	50.41 2.55 0.00	45.08 2.13 0.00	45.34 1.80 0.00	42.13 1.68 0.00	39.74 1.76 0.00	37.16 1.86 -0.05	38.75 2.04 0.00	58.55 3.02 0.00	48.53 3.01 0.00	63.29 3.52 0.00	37.00 2.09 0.00	35.81 2.02 -0.28	37.75 1.79 0.00
FREEPORT___CT2 23818	35.46 1.29 -1.92	36.87 1.11 -1.35	34.06 1.05 -0.18	36.28 1.27 -0.57	35.55 1.28 -0.18	35.27 1.58 -0.27	35.36 1.88 0.00	42.33 2.16 -1.27	39.39 1.93 -0.02	52.73 2.40 0.00	57.38 3.03 0.00	50.41 2.55 0.00	45.08 2.13 0.00	45.34 1.80 0.00	42.13 1.68 0.00	39.74 1.76 0.00	37.16 1.86 -0.05	38.75 2.04 0.00	58.55 3.02 0.00	48.53 3.01 0.00	63.29 3.52 0.00	37.00 2.09 0.00	35.81 2.02 -0.28	37.75 1.79 0.00
FRESHKLS_33_KV_LOAD 356253	33.51 1.06 -0.20	36.04 0.98 -0.65	34.09 1.07 -0.18	36.00 0.98 -0.57	35.36 1.10 -0.17	35.08 1.38 -0.27	35.04 1.57 0.00	41.51 1.34 -1.28	38.67 1.21 -0.02	52.13 1.81 0.00	56.74 2.39 0.00	49.71 1.85 0.00	44.61 1.66 0.00	44.96 1.42 0.00	41.67 1.22 0.00	39.22 1.24 0.00	36.62 1.36 0.00	38.18 1.46 0.00	57.57 2.04 0.00	47.88 2.36 0.00	62.65 2.88 0.00	36.63 1.71 0.00	35.49 1.68 -0.29	37.47 1.50 0.00
FULTON COGEN____ 23766	31.99 -0.26 0.00	34.11 -0.30 0.00	32.55 -0.29 0.00	34.16 -0.28 0.00	33.85 -0.24 0.00	33.14 -0.28 0.00	33.12 -0.36 0.00	38.45 -0.44 0.00	37.04 -0.40 0.00	49.91 -0.41 0.00	53.96 -0.39 0.00	47.48 -0.39 0.00	42.58 -0.38 0.00	43.11 -0.43 0.00	40.01 -0.44 0.00	37.55 -0.43 0.00	34.85 -0.41 0.00	36.24 -0.47 0.00	54.75 -0.78 0.00	45.07 -0.45 0.00	59.10 -0.67 0.00	34.40 -0.52 0.00	32.97 -0.56 0.00	35.40 -0.57 0.00
FULTON___LFGE 323630	35.58 3.43 0.11	37.65 3.60 0.36	36.04 3.30 0.10	37.54 3.42 0.32	37.47 3.47 0.09	36.66 3.39 0.15	36.86 3.38 0.00	42.32 4.13 0.70	41.70 4.28 0.01	56.36 6.03 0.00	61.05 6.71 0.00	53.89 6.02 0.00	48.65 5.69 0.00	49.37 5.83 0.00	45.75 5.31 0.00	42.85 4.87 0.00	39.89 4.63 0.00	41.56 4.85 0.00	62.64 7.11 0.00	51.38 5.85 0.00	67.58 7.81 0.00	39.26 4.35 0.00	37.42 4.10 0.20	40.46 4.49 0.00
G.F.CEMENT___DRP 24184	32.75 0.68 0.18	34.77 0.95 0.59	33.58 0.91 0.16	34.82 0.90 0.52	34.96 1.02 0.15	34.26 1.09 0.24	34.73 1.26 0.00	39.32 1.57 1.14	38.99 1.57 0.02	52.69 2.37 0.00	57.29 2.95 0.00	50.45 2.59 0.00	45.34 2.38 0.00	45.80 2.26 0.00	42.41 1.96 0.00	39.87 1.89 0.00	37.05 1.79 0.00	38.78 2.07 0.00	58.80 3.27 0.00	48.61 3.09 0.00	63.24 3.47 0.00	36.80 1.88 0.00	34.77 1.51 0.26	37.42 1.46 0.00
GARDENVILLE___LBMP 24039	32.64 0.38 0.00	35.19 0.78 0.00	33.52 0.68 0.00	35.08 0.64 0.00	34.80 0.71 0.00	33.74 0.32 0.00	33.45 -0.03 0.00	38.47 -0.43 0.00	36.86 -0.58 0.00	49.58 -0.74 0.00	53.25 -1.10 0.00	47.05 -0.82 0.00	42.25 -0.70 0.00	42.99 -0.55 0.00	39.95 -0.50 0.00	37.36 -0.62 0.00	34.54 -0.72 0.00	35.48 -1.23 0.00	53.54 -1.99 0.00	44.09 -1.43 0.00	57.87 -1.91 0.00	33.23 -1.69 0.00	32.18 -1.35 0.00	35.22 -0.74 0.00
GARDNVLA_35_KV_LD 355827	32.81 0.56 0.00	35.38 0.97 0.00	33.69 0.86 0.00	35.26 0.82 0.00	34.97 0.88 0.00	33.90 0.48 0.00	33.63 0.15 0.00	38.67 -0.22 0.00	37.06 -0.38 0.00	49.87 -0.45 0.00	53.54 -0.81 0.00	47.30 -0.57 0.00	42.49 -0.46 0.00	43.24 -0.30 0.00	40.18 -0.26 0.00	37.58 -0.40 0.00	34.73 -0.53 0.00	35.68 -1.03 0.00	53.84 -1.69 0.00	44.32 -1.20 0.00	58.20 -1.57 0.00	33.41 -1.51 0.00	32.35 -1.17 0.00	35.41 -0.56 0.00
GELCKHM___115KV_LOAD 80723	32.17 -0.08 0.00	34.33 -0.08 0.00	32.74 -0.10 0.00	34.35 -0.09 0.00	34.07 -0.02 0.00	33.35 -0.07 0.00	33.35 -0.13 0.00	38.72 -0.18 0.00	37.27 -0.17 0.00	50.21 -0.11 0.00	54.28 -0.06 0.00	47.77 -0.09 0.00	42.84 -0.11 0.00	43.37 -0.17 0.00	40.26 -0.19 0.00	37.79 -0.19 0.00	35.08 -0.18 0.00	36.45 -0.26 0.00	55.08 -0.44 0.00	45.34 -0.18 0.00	59.47 -0.30 0.00	34.59 -0.33 0.00	33.16 -0.36 0.00	35.62 -0.34 0.00
GENERAL___MILLS 23808	32.76 0.50 0.00	35.32 0.91 0.00	33.64 0.80 0.00	35.21 0.77 0.00	34.91 0.82 0.00	33.85 0.43 0.00	33.58 0.10 0.00	38.60 -0.29 0.00	36.99 -0.45 0.00	49.78 -0.55 0.00	53.43 -0.92 0.00	47.22 -0.65 0.00	42.41 -0.54 0.00	43.15 -0.39 0.00	40.10 -0.34 0.00	37.50 -0.48 0.00	34.66 -0.60 0.00	35.61 -1.10 0.00	53.74 -1.79 0.00	44.23 -1.29 0.00	58.09 -1.68 0.00	33.35 -1.57 0.00	32.28 -1.24 0.00	35.34 -0.62 0.00
GE_PLASTICS___DRP 24183	32.58 0.44 0.12	34.40 0.37 0.38	33.12 0.39 0.10	34.55 0.45 0.34	34.44 0.45 0.10	33.81 0.55 0.16	34.06 0.58 0.00	38.85 0.70 0.75	38.11 0.69 0.01	51.36 1.03 0.00	55.68 1.33 0.00	48.95 1.09 0.00	43.98 1.02 0.00	44.43 0.89 0.00	41.20 0.75 0.00	38.73 0.75 0.00	35.98 0.72 0.00	37.55 0.84 0.00	56.75 1.22 0.00	46.71 1.18 0.00	61.14 1.37 0.00	35.68 0.76 0.00	33.91 0.56 0.17	36.45 0.49 0.00
GILBOA___1 23756	32.50 0.21 -0.03	34.65 0.13 -0.11	33.00 0.13 -0.03	34.73 0.19 -0.10	34.33 0.21 -0.03	33.77 0.31 -0.05	33.87 0.40 0.00	39.52 0.40 -0.21	37.92 0.47 0.00	51.05 0.72 0.00	55.30 0.95 0.00	48.56 0.70 0.00	43.59 0.63 0.00	44.02 0.48 0.00	40.83 0.38 0.00	38.40 0.42 0.00	35.69 0.43 0.00	37.25 0.55 0.00	56.19 0.66 0.00	46.30 0.78 0.00	60.76 0.99 0.00	35.48 0.57 0.00	33.99 0.43 -0.05	36.32 0.35 0.00
GILBOA___2 23757	32.50 0.21 -0.03	34.65 0.13 -0.11	33.00 0.13 -0.03	34.73 0.19 -0.10	34.33 0.21 -0.03	33.77 0.31 -0.05	33.87 0.40 0.00	39.52 0.40 -0.21	37.92 0.47 0.00	51.05 0.72 0.00	55.30 0.95 0.00	48.56 0.70 0.00	43.59 0.63 0.00	44.02 0.48 0.00	40.83 0.38 0.00	38.40 0.42 0.00	35.69 0.43 0.00	37.25 0.55 0.00	56.19 0.66 0.00	46.30 0.78 0.00	60.76 0.99 0.00	35.48 0.57 0.00	33.99 0.43 -0.05	36.32 0.35 0.00
GILBOA___3 23758	32.50 0.21 -0.03	34.65 0.13 -0.11	33.00 0.13 -0.03	34.73 0.19 -0.10	34.33 0.21 -0.03	33.77 0.31 -0.05	33.87 0.40 0.00	39.52 0.40 -0.21	37.92 0.47 0.00	51.05 0.72 0.00	55.30 0.95 0.00	48.56 0.70 0.00	43.59 0.63 0.00	44.02 0.48 0.00	40.83 0.38 0.00	38.40 0.42 0.00	35.69 0.43 0.00	37.25 0.55 0.00	56.19 0.66 0.00	46.30 0.78 0.00	60.76 0.99 0.00	35.48 0.57 0.00	33.99 0.43 -0.05	36.32 0.35 0.00

GILBOA___4 23759	32.50 0.21 -0.03	34.65 0.13 -0.11	33.00 0.13 -0.03	34.73 0.19 -0.10	34.33 0.21 -0.03	33.77 0.31 -0.05	33.87 0.40 0.00	39.52 0.40 -0.21	37.92 0.47 0.00	51.05 0.72 0.00	55.30 0.95 0.00	48.56 0.70 0.00	43.59 0.63 0.00	44.02 0.48 0.00	40.83 0.38 0.00	38.40 0.42 0.00	35.69 0.43 0.00	37.25 0.55 0.00	56.19 0.66 0.00	46.30 0.78 0.00	60.76 0.99 0.00	35.48 0.57 0.00	33.99 0.43 -0.05	36.32 0.35 0.00
GILBOA____ 23599	32.50 0.21 -0.03	34.65 0.13 -0.11	33.00 0.13 -0.03	34.73 0.19 -0.10	34.33 0.21 -0.03	33.77 0.31 -0.05	33.87 0.40 0.00	39.52 0.41 -0.21	37.92 0.47 0.00	51.04 0.72 0.00	55.30 0.96 0.00	48.56 0.70 0.00	43.59 0.63 0.00	44.02 0.48 0.00	40.83 0.39 0.00	38.40 0.42 0.00	35.69 0.43 0.00	37.26 0.55 0.00	56.19 0.66 0.00	46.30 0.78 0.00	60.76 0.99 0.00	35.48 0.57 0.00	33.99 0.42 -0.05	36.32 0.36 0.00
GINNA____ 23603	30.92 -1.34 0.00	33.13 -1.28 0.00	31.60 -1.24 0.00	33.09 -1.35 0.00	32.81 -1.29 0.00	32.02 -1.40 0.00	31.91 -1.57 0.00	36.95 -1.94 0.00	35.56 -1.88 0.00	47.83 -2.46 0.04	51.64 -2.70 0.00	45.07 -2.36 0.43	40.86 -2.10 0.00	41.47 -2.07 0.00	38.51 -1.94 0.00	36.09 -1.89 0.00	33.41 -1.85 0.00	34.51 -2.21 0.00	52.20 -3.32 0.00	42.96 -2.56 0.00	56.37 -3.40 0.00	32.57 -2.34 0.00	31.33 -2.19 0.00	33.87 -2.10 0.00
GLEN PARK____ 23778	33.37 1.11 0.00	35.46 1.05 0.00	33.75 0.91 0.00	35.56 1.12 0.00	35.27 1.18 0.00	34.35 0.93 0.00	34.43 0.96 0.00	40.50 1.60 0.00	39.39 1.95 0.00	53.22 2.90 0.00	57.60 3.25 0.00	50.59 2.73 0.00	45.11 2.16 0.00	45.16 1.62 0.00	41.95 1.50 0.00	39.19 1.21 0.00	36.12 0.86 0.00	37.14 0.43 0.00	56.27 0.74 0.00	47.27 1.75 0.00	62.73 2.96 0.00	36.69 1.77 0.00	35.09 1.57 0.00	37.53 1.57 0.00
GLENDALE_27_KV_LOAD 356172	33.52 1.06 -0.20	36.01 0.95 -0.65	33.89 0.87 -0.18	35.95 0.94 -0.57	35.23 0.97 -0.17	34.92 1.23 -0.27	34.98 1.50 0.00	41.91 1.74 -1.28	39.20 1.73 -0.02	52.71 2.39 0.00	57.36 3.02 0.00	50.29 2.42 0.00	45.08 2.12 0.00	45.37 1.83 0.00	42.06 1.61 0.00	39.62 1.63 0.00	36.95 1.69 0.00	38.54 1.83 0.00	58.17 2.64 0.00	48.23 2.70 0.00	63.06 3.29 0.00	36.86 1.94 0.00	35.62 1.81 -0.29	37.63 1.67 0.00
GLENWOOD_IC_1_G5 23712	34.93 1.30 -1.37	36.68 1.15 -1.12	34.09 1.08 -0.18	36.31 1.30 -0.57	35.58 1.31 -0.17	35.29 1.60 -0.27	35.38 1.90 0.00	42.35 2.18 -1.27	39.44 1.98 -0.02	52.82 2.50 0.00	57.49 3.15 0.00	50.49 2.62 0.00	45.17 2.22 0.00	45.47 1.92 0.00	42.23 1.78 0.00	39.79 1.80 0.00	37.18 1.88 -0.03	38.81 2.10 0.00	58.62 3.09 0.00	48.58 3.06 0.00	63.44 3.66 0.00	37.05 2.13 0.00	35.84 2.04 -0.28	37.80 1.84 0.00
GLENWOOD_IC_2_G1 23688	34.19 1.21 -0.72	36.33 1.06 -0.86	34.00 0.99 -0.18	36.22 1.20 -0.57	35.48 1.22 -0.17	35.19 1.50 -0.27	35.28 1.80 0.00	42.23 2.06 -1.27	39.32 1.86 -0.02	52.67 2.35 0.00	57.31 2.96 0.00	50.34 2.47 0.00	45.03 2.07 0.00	45.31 1.77 0.00	42.08 1.63 0.00	39.67 1.69 0.00	37.04 1.76 -0.01	38.69 1.98 0.00	58.42 2.88 0.00	48.44 2.92 0.00	63.23 3.46 0.00	36.94 2.02 0.00	35.74 1.94 -0.28	37.70 1.74 0.00
GLENWOOD_IC_3_G1 23689	34.19 1.21 -0.72	36.33 1.06 -0.86	34.00 0.99 -0.18	36.22 1.20 -0.57	35.48 1.22 -0.17	35.19 1.50 -0.27	35.28 1.80 0.00	42.23 2.06 -1.27	39.32 1.86 -0.02	52.67 2.35 0.00	57.31 2.96 0.00	50.34 2.47 0.00	45.03 2.07 0.00	45.31 1.77 0.00	42.08 1.63 0.00	39.67 1.69 0.00	37.04 1.76 -0.01	38.69 1.98 0.00	58.42 2.88 0.00	48.44 2.92 0.00	63.23 3.46 0.00	36.94 2.02 0.00	35.74 1.94 -0.28	37.70 1.74 0.00
GLENWOOD___4 23550	34.93 1.30 -1.37	36.68 1.15 -1.12	34.09 1.08 -0.18	36.31 1.30 -0.57	35.58 1.31 -0.17	35.29 1.60 -0.27	35.38 1.90 0.00	42.35 2.18 -1.27	39.44 1.98 -0.02	52.82 2.50 0.00	57.49 3.15 0.00	50.49 2.62 0.00	45.17 2.22 0.00	45.47 1.92 0.00	42.23 1.78 0.00	39.79 1.80 0.00	37.18 1.88 -0.03	38.81 2.10 0.00	58.62 3.09 0.00	48.58 3.06 0.00	63.44 3.66 0.00	37.05 2.13 0.00	35.84 2.04 -0.28	37.80 1.84 0.00
GLENWOOD___5 23614	34.93 1.30 -1.37	36.68 1.15 -1.12	34.09 1.08 -0.18	36.31 1.30 -0.57	35.58 1.31 -0.17	35.29 1.60 -0.27	35.38 1.90 0.00	42.35 2.18 -1.27	39.44 1.98 -0.02	52.82 2.50 0.00	57.49 3.15 0.00	50.49 2.62 0.00	45.17 2.22 0.00	45.47 1.92 0.00	42.23 1.78 0.00	39.79 1.80 0.00	37.18 1.88 -0.03	38.81 2.10 0.00	58.62 3.09 0.00	48.58 3.06 0.00	63.44 3.66 0.00	37.05 2.13 0.00	35.84 2.04 -0.28	37.80 1.84 0.00
GLOBAL GREEN_PORT_GT1 23814	34.60 1.87 -0.47	37.07 1.90 -0.76	34.77 1.76 -0.18	36.90 1.89 -0.57	36.02 1.76 -0.17	35.98 2.29 -0.27	36.17 2.70 0.00	43.23 3.07 -1.27	40.03 2.57 -0.02	52.60 2.27 0.00	57.42 3.08 0.00	50.42 2.55 0.00	44.95 1.99 0.00	45.18 1.64 0.00	42.01 1.56 0.00	39.62 1.64 0.00	37.12 1.85 -0.01	39.23 2.52 0.00	60.07 4.54 0.00	49.80 4.28 0.00	64.46 4.68 0.00	36.99 2.07 0.00	35.95 2.15 -0.28	37.61 1.65 0.00
GLOBE___DSASP 323697	31.84 -0.41 0.00	34.39 -0.02 0.00	32.76 -0.07 0.00	34.23 -0.21 0.00	33.90 -0.20 0.00	32.85 -0.57 0.00	32.47 -1.01 0.00	37.08 -1.82 0.00	35.51 -1.93 0.00	47.64 -2.69 0.00	51.14 -3.20 0.00	45.22 -2.64 0.00	40.65 -2.31 0.00	41.44 -2.10 0.00	38.55 -1.90 0.00	36.08 -1.90 0.00	33.34 -1.92 0.00	34.21 -2.50 0.00	51.64 -3.89 0.00	42.38 -3.14 0.00	55.65 -4.13 0.00	31.92 -3.00 0.00	31.02 -2.50 0.00	34.07 -1.90 0.00
GOETHSLN___LBMP 323567	33.07 0.62 -0.20	35.53 0.47 -0.65	33.40 0.39 -0.18	35.47 0.46 -0.57	34.77 0.51 -0.17	34.45 0.76 -0.27	34.53 1.05 0.00	41.39 1.22 -1.27	38.69 1.23 -0.02	52.02 1.69 0.00	56.63 2.28 0.00	49.64 1.77 0.00	44.47 1.51 0.00	44.75 1.21 0.00	41.47 1.02 0.00	39.03 1.05 0.00	36.40 1.15 0.00	37.98 1.28 0.00	57.37 1.84 0.00	47.58 2.06 0.00	62.24 2.47 0.00	36.37 1.45 0.00	35.13 1.33 -0.28	37.13 1.17 0.00
GOLAH___69_KV_TB 1_2 80279	32.71 0.45 0.00	35.15 0.74 0.00	33.47 0.64 0.00	35.05 0.61 0.00	34.75 0.66 0.00	33.83 0.41 0.00	33.64 0.17 0.00	38.89 0.00 0.00	37.41 -0.03 0.00	50.31 -0.01 0.00	54.22 -0.13 0.00	47.79 -0.07 0.00	42.92 -0.03 0.00	43.59 0.05 0.00	40.47 0.02 0.00	37.88 -0.11 0.00	35.03 -0.23 0.00	36.07 -0.63 0.00	54.57 -0.96 0.00	44.98 -0.54 0.00	59.09 -0.69 0.00	34.05 -0.87 0.00	32.84 -0.68 0.00	35.65 -0.31 0.00
GOODYEAR_LAKE_HYD 323669	33.45 1.19 0.00	35.56 1.15 0.00	33.89 1.06 0.00	35.63 1.20 0.00	35.34 1.25 0.00	34.74 1.32 0.00	34.85 1.38 0.00	40.53 1.63 0.00	39.13 1.69 0.00	52.73 2.40 0.00	57.04 2.69 0.00	50.15 2.29 0.00	44.81 1.85 0.00	45.01 1.47 0.00	41.73 1.28 0.00	39.21 1.23 0.00	36.44 1.18 0.00	37.97 1.26 0.00	57.35 1.83 0.00	47.23 1.70 0.00	61.83 2.06 0.00	36.02 1.10 0.00	34.54 0.96 -0.06	36.96 0.99 0.00

GOUDEY___1 345031	32.43 0.18 0.00	34.53 0.13 0.00	32.99 0.15 0.00	34.70 0.26 0.00	34.47 0.38 0.00	33.74 0.32 0.00	33.89 0.42 0.00	39.35 0.45 0.00	37.77 0.33 0.00	50.95 0.62 0.00	55.05 0.70 0.00	48.44 0.57 0.00	43.39 0.43 0.00	43.84 0.30 0.00	40.74 0.29 0.00	38.27 0.29 0.00	35.58 0.32 0.00	36.98 0.27 0.00	55.82 0.29 0.00	46.05 0.53 0.00	60.27 0.50 0.00	35.07 0.16 0.00	33.59 0.07 0.00	36.13 0.16 0.00
GOUDEY___7 23579	32.46 0.21 0.00	34.57 0.16 0.00	33.01 0.18 0.00	34.73 0.30 0.00	34.50 0.41 0.00	33.77 0.35 0.00	33.92 0.45 0.00	39.38 0.49 0.00	37.80 0.36 0.00	51.00 0.67 0.00	55.11 0.76 0.00	48.48 0.62 0.00	43.43 0.48 0.00	43.89 0.35 0.00	40.78 0.33 0.00	38.31 0.33 0.00	35.61 0.36 0.00	37.02 0.31 0.00	55.87 0.34 0.00	46.10 0.58 0.00	60.34 0.57 0.00	35.12 0.20 0.00	33.62 0.10 0.00	36.16 0.20 0.00
GOUDEY___8 23580	32.43 0.18 0.00	34.53 0.13 0.00	32.99 0.15 0.00	34.70 0.26 0.00	34.47 0.38 0.00	33.74 0.32 0.00	33.89 0.42 0.00	39.35 0.45 0.00	37.77 0.33 0.00	50.95 0.62 0.00	55.05 0.70 0.00	48.44 0.57 0.00	43.39 0.43 0.00	43.84 0.30 0.00	40.74 0.29 0.00	38.27 0.29 0.00	35.58 0.32 0.00	36.98 0.27 0.00	55.82 0.29 0.00	46.05 0.53 0.00	60.27 0.50 0.00	35.07 0.16 0.00	33.59 0.07 0.00	36.13 0.16 0.00
GOWANUS_GT1_1 24077	33.48 1.03 -0.20	35.96 0.90 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.94 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.20 0.00	57.15 2.80 0.00	50.08 2.22 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.91 2.38 0.00	48.08 2.56 0.00	62.94 3.17 0.00	36.79 1.87 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
GOWANUS_GT1_2 24078	33.48 1.03 -0.20	35.96 0.90 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.94 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.20 0.00	57.15 2.80 0.00	50.08 2.22 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.91 2.38 0.00	48.08 2.56 0.00	62.94 3.17 0.00	36.79 1.87 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
GOWANUS_GT1_3 24079	33.48 1.03 -0.20	35.96 0.90 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.94 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.20 0.00	57.15 2.80 0.00	50.08 2.22 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.91 2.38 0.00	48.08 2.56 0.00	62.94 3.17 0.00	36.79 1.87 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
GOWANUS_GT1_4 24080	33.48 1.03 -0.20	35.96 0.90 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.94 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.20 0.00	57.15 2.80 0.00	50.08 2.22 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.91 2.38 0.00	48.08 2.56 0.00	62.94 3.17 0.00	36.79 1.87 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
GOWANUS_GT1_5 24084	33.48 1.03 -0.20	35.96 0.90 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.94 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.20 0.00	57.15 2.80 0.00	50.08 2.22 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.91 2.38 0.00	48.08 2.56 0.00	62.94 3.17 0.00	36.79 1.87 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
GOWANUS_GT1_6 24111	33.48 1.03 -0.20	35.96 0.90 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.94 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.20 0.00	57.15 2.80 0.00	50.08 2.22 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.91 2.38 0.00	48.08 2.56 0.00	62.94 3.17 0.00	36.79 1.87 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
GOWANUS_GT1_7 24112	33.48 1.03 -0.20	35.96 0.90 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.94 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.20 0.00	57.15 2.80 0.00	50.08 2.22 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.91 2.38 0.00	48.08 2.56 0.00	62.94 3.17 0.00	36.79 1.87 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
GOWANUS_GT1_8 24113	33.48 1.03 -0.20	35.96 0.90 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.94 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.20 0.00	57.15 2.80 0.00	50.08 2.22 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.91 2.38 0.00	48.08 2.56 0.00	62.94 3.17 0.00	36.79 1.87 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
GOWANUS_GT2_1 24114	33.48 1.03 -0.20	35.97 0.91 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.93 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.19 0.00	57.14 2.79 0.00	50.08 2.21 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.90 2.37 0.00	48.08 2.56 0.00	62.93 3.16 0.00	36.78 1.86 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
GOWANUS_GT2_2 24115	33.48 1.03 -0.20	35.97 0.91 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.93 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.19 0.00	57.14 2.79 0.00	50.08 2.21 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.90 2.37 0.00	48.08 2.56 0.00	62.93 3.16 0.00	36.78 1.86 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
GOWANUS_GT2_3 24116	33.48 1.03 -0.20	35.97 0.91 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.93 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.19 0.00	57.14 2.79 0.00	50.08 2.21 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.90 2.37 0.00	48.08 2.56 0.00	62.93 3.16 0.00	36.78 1.86 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
GOWANUS_GT2_4 24117	33.48 1.03 -0.20	35.97 0.91 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.93 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.19 0.00	57.14 2.79 0.00	50.08 2.21 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.90 2.37 0.00	48.08 2.56 0.00	62.93 3.16 0.00	36.78 1.86 0.00	35.56 1.76 -0.29	37.57 1.60 0.00

GOWANUS_GT2_5 24118	33.48 1.03 -0.20	35.97 0.91 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.93 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.19 0.00	57.14 2.79 0.00	50.08 2.21 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.90 2.37 0.00	48.08 2.56 0.00	62.93 3.16 0.00	36.78 1.86 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
GOWANUS_GT2_6 24119	33.48 1.03 -0.20	35.97 0.91 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.93 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.19 0.00	57.14 2.79 0.00	50.08 2.21 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.90 2.37 0.00	48.08 2.56 0.00	62.93 3.16 0.00	36.78 1.86 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
GOWANUS_GT2_7 24120	33.48 1.03 -0.20	35.97 0.91 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.93 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.19 0.00	57.14 2.79 0.00	50.08 2.21 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.90 2.37 0.00	48.08 2.56 0.00	62.93 3.16 0.00	36.78 1.86 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
GOWANUS_GT2_8 24121	33.48 1.03 -0.20	35.97 0.91 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.93 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.19 0.00	57.14 2.79 0.00	50.08 2.21 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.90 2.37 0.00	48.08 2.56 0.00	62.93 3.16 0.00	36.78 1.86 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
GOWANUS_GT3_1 24122	33.48 1.03 -0.20	35.97 0.91 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.93 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.19 0.00	57.14 2.79 0.00	50.08 2.21 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.90 2.37 0.00	48.08 2.56 0.00	62.93 3.16 0.00	36.78 1.86 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
GOWANUS_GT3_2 24123	33.48 1.03 -0.20	35.97 0.91 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.93 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.19 0.00	57.14 2.79 0.00	50.08 2.21 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.90 2.37 0.00	48.08 2.56 0.00	62.93 3.16 0.00	36.78 1.86 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
GOWANUS_GT3_3 24124	33.48 1.03 -0.20	35.97 0.91 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.93 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.19 0.00	57.14 2.79 0.00	50.08 2.21 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.90 2.37 0.00	48.08 2.56 0.00	62.93 3.16 0.00	36.78 1.86 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
GOWANUS_GT3_4 24125	33.48 1.03 -0.20	35.97 0.91 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.93 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.19 0.00	57.14 2.79 0.00	50.08 2.21 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.90 2.37 0.00	48.08 2.56 0.00	62.93 3.16 0.00	36.78 1.86 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
GOWANUS_GT3_5 24126	33.48 1.03 -0.20	35.97 0.91 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.93 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.19 0.00	57.14 2.79 0.00	50.08 2.21 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.90 2.37 0.00	48.08 2.56 0.00	62.93 3.16 0.00	36.78 1.86 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
GOWANUS_GT3_6 24127	33.48 1.03 -0.20	35.97 0.91 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.93 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.19 0.00	57.14 2.79 0.00	50.08 2.21 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.90 2.37 0.00	48.08 2.56 0.00	62.93 3.16 0.00	36.78 1.86 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
GOWANUS_GT3_7 24128	33.48 1.03 -0.20	35.97 0.91 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.93 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.19 0.00	57.14 2.79 0.00	50.08 2.21 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.90 2.37 0.00	48.08 2.56 0.00	62.93 3.16 0.00	36.78 1.86 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
GOWANUS_GT3_8 24129	33.48 1.03 -0.20	35.97 0.91 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.93 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.19 0.00	57.14 2.79 0.00	50.08 2.21 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.90 2.37 0.00	48.08 2.56 0.00	62.93 3.16 0.00	36.78 1.86 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
GOWANUS_GT4_1 24130	33.48 1.03 -0.20	35.96 0.90 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.94 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.20 0.00	57.15 2.80 0.00	50.08 2.22 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.91 2.38 0.00	48.08 2.56 0.00	62.94 3.17 0.00	36.79 1.87 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
GOWANUS_GT4_2 24131	33.48 1.03 -0.20	35.96 0.90 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.94 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.20 0.00	57.15 2.80 0.00	50.08 2.22 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.91 2.38 0.00	48.08 2.56 0.00	62.94 3.17 0.00	36.79 1.87 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
GOWANUS_GT4_3 24132	33.48 1.03 -0.20	35.96 0.90 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.94 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.20 0.00	57.15 2.80 0.00	50.08 2.22 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.91 2.38 0.00	48.08 2.56 0.00	62.94 3.17 0.00	36.79 1.87 0.00	35.56 1.76 -0.29	37.57 1.60 0.00

GOWANUS_GT4_4 24133	33.48 1.03 -0.20	35.96 0.90 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.94 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.20 0.00	57.15 2.80 0.00	50.08 2.22 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.91 2.38 0.00	48.08 2.56 0.00	62.94 3.17 0.00	36.79 1.87 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
GOWANUS_GT4_5 24134	33.48 1.03 -0.20	35.96 0.90 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.94 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.20 0.00	57.15 2.80 0.00	50.08 2.22 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.91 2.38 0.00	48.08 2.56 0.00	62.94 3.17 0.00	36.79 1.87 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
GOWANUS_GT4_6 24135	33.48 1.03 -0.20	35.96 0.90 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.94 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.20 0.00	57.15 2.80 0.00	50.08 2.22 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.91 2.38 0.00	48.08 2.56 0.00	62.94 3.17 0.00	36.79 1.87 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
GOWANUS_GT4_7 24136	33.48 1.03 -0.20	35.96 0.90 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.94 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.20 0.00	57.15 2.80 0.00	50.08 2.22 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.91 2.38 0.00	48.08 2.56 0.00	62.94 3.17 0.00	36.79 1.87 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
GOWANUS_GT4_8 24137	33.48 1.03 -0.20	35.96 0.90 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.94 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.20 0.00	57.15 2.80 0.00	50.08 2.22 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.91 2.38 0.00	48.08 2.56 0.00	62.94 3.17 0.00	36.79 1.87 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
GREENBSH_115KV_TB3 55895	32.61 0.52 0.16	34.33 0.45 0.53	33.17 0.48 0.14	34.50 0.53 0.47	34.49 0.53 0.13	33.85 0.64 0.22	34.13 0.66 0.00	38.67 0.81 1.03	38.21 0.79 0.02	51.49 1.17 0.00	55.84 1.50 0.00	49.11 1.25 0.00	44.14 1.18 0.00	44.59 1.05 0.00	41.33 0.88 0.00	38.86 0.88 0.00	36.09 0.83 0.00	37.67 0.96 0.00	56.95 1.42 0.00	46.87 1.35 0.00	61.32 1.55 0.00	35.76 0.84 0.00	33.91 0.62 0.23	36.50 0.54 0.00
GREENDGE_115KV_TB5 80291	32.47 0.22 0.00	34.72 0.31 0.00	33.19 0.36 0.00	34.94 0.50 0.00	34.74 0.65 0.00	33.98 0.56 0.00	34.12 0.64 0.00	39.62 0.73 0.00	37.97 0.53 0.00	51.26 0.93 0.00	55.29 0.94 0.00	48.68 0.81 0.00	43.58 0.62 0.00	44.07 0.53 0.00	40.92 0.48 0.00	38.42 0.44 0.00	35.69 0.43 0.00	37.00 0.29 0.00	55.78 0.25 0.00	46.10 0.58 0.00	60.36 0.59 0.00	34.94 0.03 0.00	33.44 -0.08 0.00	35.96 0.00 0.00
GREENIDGE___3 23582	32.47 0.22 0.00	34.72 0.31 0.00	33.19 0.36 0.00	34.94 0.50 0.00	34.74 0.65 0.00	33.98 0.56 0.00	34.12 0.64 0.00	39.62 0.73 0.00	37.97 0.53 0.00	51.26 0.93 0.00	55.29 0.94 0.00	48.68 0.81 0.00	43.58 0.62 0.00	44.07 0.53 0.00	40.92 0.48 0.00	38.42 0.44 0.00	35.69 0.43 0.00	37.00 0.29 0.00	55.78 0.25 0.00	46.10 0.58 0.00	60.36 0.59 0.00	34.94 0.03 0.00	33.44 -0.08 0.00	35.96 0.00 0.00
GREENIDGE___4 23583	32.47 0.22 0.00	34.71 0.30 0.00	33.19 0.35 0.00	34.94 0.50 0.00	34.74 0.64 0.00	33.98 0.56 0.00	34.11 0.64 0.00	39.62 0.73 0.00	37.97 0.53 0.00	51.32 0.93 -0.07	55.29 0.95 0.00	49.41 0.81 -0.73	43.58 0.62 0.00	44.07 0.53 0.00	40.92 0.48 0.00	38.42 0.44 0.00	35.69 0.43 0.00	37.00 0.29 0.00	55.78 0.25 0.00	46.10 0.58 0.00	60.36 0.59 0.00	34.95 0.03 0.00	33.44 -0.08 0.00	35.96 -0.01 0.00
GREENLWN_69_KV_BK 3 55738	33.63 0.86 -0.51	35.80 0.61 -0.78	33.68 0.67 -0.18	35.95 0.94 -0.57	35.21 0.95 -0.17	34.98 1.29 -0.27	35.08 1.60 0.00	41.95 1.78 -1.27	38.88 1.42 -0.02	51.93 1.60 0.00	56.52 2.17 0.00	49.66 1.79 0.00	44.47 1.52 0.00	44.75 1.21 0.00	41.60 1.15 0.00	39.24 1.26 0.00	36.66 1.39 -0.01	38.32 1.62 0.00	57.97 2.44 0.00	48.05 2.53 0.00	62.68 2.90 0.00	36.57 1.65 0.00	35.40 1.60 -0.28	37.31 1.35 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	33.48 1.03 -0.20	35.96 0.90 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.94 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.20 0.00	57.15 2.80 0.00	50.08 2.22 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.91 2.38 0.00	48.08 2.56 0.00	62.94 3.17 0.00	36.79 1.87 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
GRISSOM___SOLAR 323813	35.58 3.43 0.11	37.65 3.60 0.36	36.04 3.30 0.10	37.54 3.42 0.32	37.47 3.47 0.09	36.66 3.39 0.15	36.86 3.38 0.00	42.32 4.13 0.70	41.70 4.28 0.01	56.36 6.03 0.00	61.05 6.71 0.00	53.89 6.02 0.00	48.65 5.69 0.00	49.37 5.83 0.00	45.75 5.31 0.00	42.85 4.87 0.00	39.89 4.63 0.00	41.56 4.85 0.00	62.64 7.11 0.00	51.38 5.85 0.00	67.58 7.81 0.00	39.26 4.35 0.00	37.42 4.10 0.20	40.46 4.49 0.00
GROVEVILLE___HYD 323602	33.25 0.83 -0.16	35.67 0.72 -0.54	33.63 0.64 -0.15	35.65 0.74 -0.47	35.00 0.77 -0.14	34.60 0.96 -0.22	34.67 1.19 0.00	41.37 1.43 -1.05	38.89 1.44 -0.02	52.40 2.08 0.00	56.98 2.63 0.00	50.06 2.19 0.00	44.89 1.94 0.00	45.26 1.72 0.00	41.95 1.50 0.00	39.49 1.50 0.00	36.85 1.59 0.00	38.44 1.73 0.00	58.01 2.48 0.00	47.95 2.42 0.00	62.69 2.92 0.00	36.56 1.64 0.00	35.20 1.45 -0.23	37.30 1.34 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	32.42 0.16 0.00	34.59 0.18 0.00	32.97 0.14 0.00	34.60 0.16 0.00	34.33 0.24 0.00	33.61 0.19 0.00	33.62 0.14 0.00	39.04 0.15 0.00	37.58 0.14 0.00	50.64 0.31 0.00	54.75 0.41 0.00	48.17 0.30 0.00	43.21 0.26 0.00	43.73 0.19 0.00	40.58 0.14 0.00	38.10 0.12 0.00	35.37 0.11 0.00	36.76 0.06 0.00	55.54 0.01 0.00	45.72 0.20 0.00	59.98 0.20 0.00	34.88 -0.03 0.00	33.43 -0.09 0.00	35.91 -0.06 0.00
HAMLTNNY_34_KV_TB 80303	32.50 0.25 0.00	34.67 0.26 0.00	33.02 0.19 0.00	34.66 0.22 0.00	34.42 0.33 0.00	33.69 0.27 0.00	33.72 0.24 0.00	39.15 0.25 0.00	37.67 0.23 0.00	50.75 0.42 0.00	54.89 0.55 0.00	48.25 0.39 0.00	43.30 0.34 0.00	43.84 0.30 0.00	40.66 0.21 0.00	38.16 0.18 0.00	35.42 0.16 0.00	36.80 0.09 0.00	55.59 0.06 0.00	45.79 0.27 0.00	60.04 0.27 0.00	34.92 0.00 0.00	33.46 -0.06 0.00	35.96 0.00 0.00

HAMPSHIRE___PAPER_HYD 323593	32.00 -0.25 0.00	34.14 -0.27 0.00	32.54 -0.29 0.00	34.13 -0.31 0.00	33.74 -0.35 0.00	32.88 -0.54 0.00	32.90 -0.57 0.00	38.52 -0.37 0.00	37.27 -0.17 0.00	50.13 -0.20 0.00	54.08 -0.27 0.00	47.59 -0.28 0.00	42.60 -0.35 0.00	43.00 -0.54 0.00	39.99 -0.46 0.00	37.46 -0.52 0.00	34.61 -0.65 0.00	35.88 -0.83 0.00	54.38 -1.15 0.00	44.80 -0.72 0.00	59.24 -0.54 0.00	34.69 -0.22 0.00	33.40 -0.12 0.00	35.87 -0.10 0.00
HARDSCRABBLE_WT_PWR 323673	31.52 -0.74 0.00	33.43 -0.98 0.00	31.90 -0.93 0.00	33.48 -0.96 0.00	33.18 -0.91 0.00	32.64 -0.78 0.00	32.88 -0.60 0.00	38.14 -0.75 0.00	36.81 -0.63 0.00	49.90 -0.42 0.00	54.63 0.29 0.00	48.37 0.50 0.00	43.75 0.79 0.00	44.34 0.80 0.00	40.99 0.54 0.00	38.34 0.36 0.00	35.64 0.38 0.00	37.10 0.39 0.00	55.77 0.24 0.00	45.99 0.47 0.00	60.16 0.39 0.00	35.13 0.21 0.00	33.57 0.05 0.00	35.86 -0.10 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	33.16 0.73 -0.17	35.63 0.65 -0.57	33.55 0.56 -0.15	35.62 0.68 -0.50	34.94 0.70 -0.14	34.54 0.89 -0.24	34.62 1.15 0.00	41.39 1.38 -1.11	38.84 1.38 -0.02	52.28 1.95 0.00	56.87 2.53 0.00	49.91 2.04 0.00	44.72 1.77 0.00	45.05 1.51 0.00	41.77 1.32 0.00	39.30 1.32 0.00	36.60 1.35 0.00	38.18 1.47 0.00	57.72 2.19 0.00	47.79 2.27 0.00	62.56 2.79 0.00	36.49 1.57 0.00	35.19 1.43 -0.24	37.28 1.32 0.00
HARSNRAD_115KV_TB1 81005	32.22 -0.04 0.00	34.76 0.35 0.00	33.12 0.28 0.00	34.62 0.19 0.00	34.31 0.22 0.00	33.28 -0.14 0.00	32.88 -0.60 0.00	37.76 -1.13 0.00	36.23 -1.21 0.00	48.64 -1.69 0.00	52.23 -2.11 0.00	46.13 -1.74 0.00	41.48 -1.47 0.00	42.24 -1.30 0.00	39.24 -1.21 0.00	36.69 -1.29 0.00	33.89 -1.37 0.00	34.79 -1.92 0.00	52.52 -3.01 0.00	43.23 -2.29 0.00	56.77 -3.00 0.00	32.56 -2.35 0.00	31.60 -1.92 0.00	34.68 -1.28 0.00
HARZA MOOSE___RIVER 24016	33.01 0.75 0.00	35.11 0.70 0.00	33.46 0.63 0.00	35.17 0.73 0.00	34.84 0.75 0.00	33.99 0.56 0.00	34.05 0.58 0.00	39.88 0.98 0.00	38.61 1.17 0.00	52.12 1.79 0.00	56.36 2.01 0.00	49.53 1.66 0.00	44.30 1.34 0.00	44.62 1.08 0.00	41.48 1.03 0.00	38.85 0.87 0.00	35.92 0.67 0.00	37.27 0.56 0.00	56.40 0.87 0.00	46.69 1.17 0.00	61.57 1.80 0.00	35.99 1.07 0.00	34.45 0.93 0.00	36.93 0.96 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	32.19 -0.07 0.00	34.33 -0.08 0.00	32.75 -0.09 0.00	34.38 -0.06 0.00	34.08 -0.01 0.00	33.36 -0.06 0.00	33.35 -0.12 0.00	38.72 -0.17 0.00	37.28 -0.16 0.00	50.24 -0.08 0.00	54.29 -0.05 0.00	47.80 -0.07 0.00	42.86 -0.10 0.00	43.39 -0.15 0.00	40.28 -0.17 0.00	37.82 -0.16 0.00	35.10 -0.16 0.00	36.48 -0.23 0.00	55.10 -0.43 0.00	45.36 -0.16 0.00	59.51 -0.26 0.00	34.60 -0.31 0.00	33.16 -0.36 0.00	35.62 -0.34 0.00
HELLGATE_13_KV_LD 55870	33.39 0.93 -0.20	35.91 0.85 -0.65	33.80 0.78 -0.18	35.86 0.85 -0.57	35.16 0.90 -0.17	34.84 1.15 -0.27	34.88 1.41 0.00	41.80 1.63 -1.28	39.08 1.62 -0.02	52.54 2.21 0.00	57.17 2.83 0.00	50.11 2.24 0.00	44.93 1.98 0.00	45.21 1.67 0.00	41.92 1.47 0.00	39.47 1.49 0.00	36.82 1.56 0.00	38.41 1.70 0.00	57.96 2.43 0.00	48.04 2.52 0.00	62.82 3.05 0.00	36.74 1.82 0.00	35.49 1.69 -0.29	37.50 1.53 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	33.39 0.93 -0.20	35.91 0.85 -0.65	33.80 0.78 -0.18	35.86 0.85 -0.57	35.16 0.90 -0.17	34.84 1.15 -0.27	34.88 1.41 0.00	41.80 1.63 -1.28	39.08 1.62 -0.02	52.54 2.21 0.00	57.17 2.83 0.00	50.11 2.24 0.00	44.93 1.98 0.00	45.21 1.67 0.00	41.92 1.47 0.00	39.47 1.49 0.00	36.82 1.56 0.00	38.41 1.70 0.00	57.96 2.43 0.00	48.04 2.52 0.00	62.82 3.05 0.00	36.74 1.82 0.00	35.49 1.69 -0.29	37.50 1.53 0.00
HEMPSTEAD____ 23647	34.95 1.15 -1.55	36.59 0.98 -1.20	33.93 0.92 -0.18	36.15 1.13 -0.57	35.41 1.15 -0.17	35.13 1.44 -0.27	35.22 1.75 0.00	42.17 2.00 -1.27	39.25 1.78 -0.02	52.54 2.21 0.00	57.19 2.84 0.00	50.24 2.37 0.00	44.94 1.98 0.00	45.20 1.66 0.00	41.99 1.54 0.00	39.59 1.61 0.00	36.99 1.70 -0.04	38.59 1.88 0.00	58.31 2.78 0.00	48.34 2.82 0.00	63.08 3.31 0.00	36.86 1.94 0.00	35.67 1.87 -0.28	37.60 1.64 0.00
HEWLETT__69_KV_BK3 55828	38.14 1.37 -4.52	38.05 1.24 -2.40	34.18 1.17 -0.18	36.39 1.37 -0.57	35.67 1.39 -0.19	35.34 1.65 -0.27	35.40 1.92 0.00	42.38 2.21 -1.27	39.45 1.99 -0.02	52.87 2.55 0.00	57.27 2.92 0.00	50.31 2.44 0.00	45.01 2.05 0.00	45.21 1.67 0.00	42.06 1.61 0.00	39.70 1.71 0.00	37.18 1.81 -0.12	38.85 2.14 0.00	58.28 2.75 0.00	48.34 2.82 0.00	63.32 3.54 0.00	37.08 2.16 0.00	35.90 2.10 -0.28	37.86 1.90 0.00
HICKLING___1 23621	32.49 0.24 0.00	34.72 0.31 0.00	33.21 0.37 0.00	35.04 0.60 0.00	34.87 0.77 0.00	34.09 0.67 0.00	34.35 0.88 0.00	39.86 0.97 0.00	38.10 0.65 0.00	51.46 1.14 0.00	55.52 1.17 0.00	48.88 1.01 0.00	43.73 0.77 0.00	44.13 0.59 0.00	41.02 0.58 0.00	38.55 0.57 0.00	35.86 0.60 0.00	37.20 0.49 0.00	56.02 0.49 0.00	46.36 0.84 0.00	60.58 0.81 0.00	35.17 0.26 0.00	33.60 0.08 0.00	36.16 0.19 0.00
HICKLING___2 23622	32.49 0.24 0.00	34.72 0.31 0.00	33.21 0.37 0.00	35.04 0.60 0.00	34.87 0.77 0.00	34.09 0.67 0.00	34.35 0.88 0.00	39.86 0.97 0.00	38.10 0.65 0.00	51.46 1.14 0.00	55.52 1.17 0.00	48.88 1.01 0.00	43.73 0.77 0.00	44.13 0.59 0.00	41.02 0.58 0.00	38.55 0.57 0.00	35.86 0.60 0.00	37.20 0.49 0.00	56.02 0.49 0.00	46.36 0.84 0.00	60.58 0.81 0.00	35.17 0.26 0.00	33.60 0.08 0.00	36.16 0.19 0.00
HIGH FALLS___HY 23754	33.00 0.64 -0.10	35.25 0.50 -0.34	33.32 0.39 -0.09	35.24 0.51 -0.30	34.72 0.54 -0.09	34.31 0.75 -0.14	34.53 1.05 0.00	40.84 1.28 -0.66	38.76 1.31 -0.01	52.21 1.89 0.00	56.80 2.45 0.00	49.86 2.00 0.00	44.78 1.82 0.00	45.42 1.87 0.00	42.10 1.65 0.00	39.64 1.66 0.00	37.39 2.13 0.00	38.96 2.25 0.00	58.42 2.89 0.00	48.14 2.62 0.00	63.02 3.24 0.00	36.75 1.83 0.00	35.34 1.68 -0.14	37.53 1.57 0.00
HILLBURN___GT 23639	33.12 0.68 -0.18	35.59 0.59 -0.59	33.49 0.49 -0.16	35.59 0.63 -0.52	34.89 0.64 -0.15	34.52 0.85 -0.24	34.59 1.11 0.00	41.41 1.36 -1.16	38.79 1.33 -0.02	52.22 1.90 0.00	56.81 2.47 0.00	49.83 1.96 0.00	44.63 1.67 0.00	44.94 1.41 0.00	41.64 1.19 0.00	39.17 1.19 0.00	36.51 1.25 0.00	38.10 1.39 0.00	57.61 2.08 0.00	47.74 2.22 0.00	62.51 2.74 0.00	36.46 1.54 0.00	35.19 1.41 -0.25	37.26 1.30 0.00
HILLSIDE_115KV_TB1 80332	32.02 -0.24 0.00	34.13 -0.27 0.00	32.63 -0.20 0.00	34.42 -0.02 0.00	34.24 0.15 0.00	33.48 0.06 0.00	33.75 0.27 0.00	39.15 0.25 0.00	37.39 -0.05 0.00	50.52 0.19 0.00	54.51 0.17 0.00	47.97 0.10 0.00	42.93 -0.03 0.00	43.33 -0.21 0.00	40.31 -0.14 0.00	37.87 -0.11 0.00	35.24 -0.02 0.00	36.58 -0.13 0.00	55.14 -0.39 0.00	45.63 0.11 0.00	59.61 -0.16 0.00	34.67 -0.25 0.00	33.16 -0.36 0.00	35.70 -0.26 0.00

HISHELDN_WT_PWR 323625	32.35 0.10 0.00	34.89 0.49 0.00	33.33 0.49 0.00	34.86 0.42 0.00	34.57 0.48 0.00	33.49 0.07 0.00	33.19 -0.29 0.00	38.15 -0.75 0.00	36.63 -0.81 0.00	49.14 -1.06 0.12	52.90 -1.44 0.00	45.46 -1.13 1.28	41.97 -0.98 0.00	42.66 -0.88 0.00	39.66 -0.79 0.00	37.05 -0.93 0.00	34.20 -1.06 0.00	35.10 -1.61 0.00	52.93 -2.60 0.00	43.69 -1.83 0.00	57.29 -2.49 0.00	32.86 -2.06 0.00	31.77 -1.75 0.00	34.81 -1.16 0.00
HOLTSVILLE_IC_1 23690	33.89 1.17 -0.46	36.25 1.08 -0.76	34.04 1.03 -0.18	36.32 1.31 -0.57	35.59 1.32 -0.17	35.43 1.74 -0.27	35.55 2.07 0.00	42.52 2.36 -1.27	39.39 1.93 -0.02	52.26 1.93 0.00	56.95 2.61 0.00	50.02 2.15 0.00	44.63 1.67 0.00	44.84 1.30 0.00	41.70 1.26 0.00	39.35 1.37 0.00	36.80 1.53 -0.01	38.50 1.79 0.00	58.42 2.89 0.00	48.45 2.93 0.00	63.02 3.24 0.00	36.68 1.76 0.00	35.58 1.78 -0.28	37.39 1.43 0.00
HOLTSVILLE_IC_10 23699	34.03 1.29 -0.48	36.39 1.21 -0.76	34.15 1.14 -0.18	36.45 1.44 -0.57	35.70 1.44 -0.17	35.57 1.88 -0.27	35.71 2.23 0.00	42.69 2.53 -1.27	39.57 2.10 -0.02	52.45 2.12 0.00	57.17 2.82 0.00	50.23 2.36 0.00	44.81 1.85 0.00	45.03 1.49 0.00	41.87 1.42 0.00	39.51 1.52 0.00	36.95 1.68 -0.01	38.68 1.97 0.00	58.70 3.17 0.00	48.68 3.16 0.00	63.26 3.49 0.00	36.82 1.90 0.00	35.71 1.91 -0.28	37.51 1.55 0.00
HOLTSVILLE_IC_2 23691	33.89 1.17 -0.46	36.25 1.08 -0.76	34.04 1.03 -0.18	36.32 1.31 -0.57	35.59 1.32 -0.17	35.43 1.74 -0.27	35.55 2.07 0.00	42.52 2.36 -1.27	39.39 1.93 -0.02	52.26 1.93 0.00	56.95 2.61 0.00	50.02 2.15 0.00	44.63 1.67 0.00	44.84 1.30 0.00	41.70 1.26 0.00	39.35 1.37 0.00	36.80 1.53 -0.01	38.50 1.79 0.00	58.42 2.89 0.00	48.45 2.93 0.00	63.02 3.24 0.00	36.68 1.76 0.00	35.58 1.78 -0.28	37.39 1.43 0.00
HOLTSVILLE_IC_3 23692	33.89 1.17 -0.46	36.25 1.08 -0.76	34.04 1.03 -0.18	36.32 1.31 -0.57	35.59 1.32 -0.17	35.43 1.74 -0.27	35.55 2.07 0.00	42.52 2.36 -1.27	39.39 1.93 -0.02	52.26 1.93 0.00	56.95 2.61 0.00	50.02 2.15 0.00	44.63 1.67 0.00	44.84 1.30 0.00	41.70 1.26 0.00	39.35 1.37 0.00	36.80 1.53 -0.01	38.50 1.79 0.00	58.42 2.89 0.00	48.45 2.93 0.00	63.02 3.24 0.00	36.68 1.76 0.00	35.58 1.78 -0.28	37.39 1.43 0.00
HOLTSVILLE_IC_4 23693	33.89 1.17 -0.46	36.25 1.08 -0.76	34.04 1.03 -0.18	36.32 1.31 -0.57	35.59 1.32 -0.17	35.43 1.74 -0.27	35.55 2.07 0.00	42.52 2.36 -1.27	39.39 1.93 -0.02	52.26 1.93 0.00	56.95 2.61 0.00	50.02 2.15 0.00	44.63 1.67 0.00	44.84 1.30 0.00	41.70 1.26 0.00	39.35 1.37 0.00	36.80 1.53 -0.01	38.50 1.79 0.00	58.42 2.89 0.00	48.45 2.93 0.00	63.02 3.24 0.00	36.68 1.76 0.00	35.58 1.78 -0.28	37.39 1.43 0.00
HOLTSVILLE_IC_5 23694	33.89 1.17 -0.46	36.25 1.08 -0.76	34.04 1.03 -0.18	36.32 1.31 -0.57	35.59 1.32 -0.17	35.43 1.74 -0.27	35.55 2.07 0.00	42.52 2.36 -1.27	39.39 1.93 -0.02	52.26 1.93 0.00	56.95 2.61 0.00	50.02 2.15 0.00	44.63 1.67 0.00	44.84 1.30 0.00	41.70 1.26 0.00	39.35 1.37 0.00	36.80 1.53 -0.01	38.50 1.79 0.00	58.42 2.89 0.00	48.45 2.93 0.00	63.02 3.24 0.00	36.68 1.76 0.00	35.58 1.78 -0.28	37.39 1.43 0.00
HOLTSVILLE_IC_6 23695	34.03 1.29 -0.48	36.39 1.21 -0.76	34.15 1.14 -0.18	36.45 1.44 -0.57	35.70 1.44 -0.17	35.57 1.88 -0.27	35.71 2.23 0.00	42.69 2.53 -1.27	39.57 2.10 -0.02	52.45 2.12 0.00	57.17 2.82 0.00	50.23 2.36 0.00	44.81 1.85 0.00	45.03 1.49 0.00	41.87 1.42 0.00	39.51 1.52 0.00	36.95 1.68 -0.01	38.68 1.97 0.00	58.70 3.17 0.00	48.68 3.16 0.00	63.26 3.49 0.00	36.82 1.90 0.00	35.71 1.91 -0.28	37.51 1.55 0.00
HOLTSVILLE_IC_7 23696	34.03 1.29 -0.48	36.39 1.21 -0.76	34.15 1.14 -0.18	36.45 1.44 -0.57	35.70 1.44 -0.17	35.57 1.88 -0.27	35.71 2.23 0.00	42.69 2.53 -1.27	39.57 2.10 -0.02	52.45 2.12 0.00	57.17 2.82 0.00	50.23 2.36 0.00	44.81 1.85 0.00	45.03 1.49 0.00	41.87 1.42 0.00	39.51 1.52 0.00	36.95 1.68 -0.01	38.68 1.97 0.00	58.70 3.17 0.00	48.68 3.16 0.00	63.26 3.49 0.00	36.82 1.90 0.00	35.71 1.91 -0.28	37.51 1.55 0.00
HOLTSVILLE_IC_8 23697	34.03 1.29 -0.48	36.39 1.21 -0.76	34.15 1.14 -0.18	36.45 1.44 -0.57	35.70 1.44 -0.17	35.57 1.88 -0.27	35.71 2.23 0.00	42.69 2.53 -1.27	39.57 2.10 -0.02	52.45 2.12 0.00	57.17 2.82 0.00	50.23 2.36 0.00	44.81 1.85 0.00	45.03 1.49 0.00	41.87 1.42 0.00	39.51 1.52 0.00	36.95 1.68 -0.01	38.68 1.97 0.00	58.70 3.17 0.00	48.68 3.16 0.00	63.26 3.49 0.00	36.82 1.90 0.00	35.71 1.91 -0.28	37.51 1.55 0.00
HOLTSVILLE_IC_9 23698	34.03 1.29 -0.48	36.39 1.21 -0.76	34.15 1.14 -0.18	36.45 1.44 -0.57	35.70 1.44 -0.17	35.57 1.88 -0.27	35.71 2.23 0.00	42.69 2.53 -1.27	39.57 2.10 -0.02	52.45 2.12 0.00	57.17 2.82 0.00	50.23 2.36 0.00	44.81 1.85 0.00	45.03 1.49 0.00	41.87 1.42 0.00	39.51 1.52 0.00	36.95 1.68 -0.01	38.68 1.97 0.00	58.70 3.17 0.00	48.68 3.16 0.00	63.26 3.49 0.00	36.82 1.90 0.00	35.71 1.91 -0.28	37.51 1.55 0.00
HOMER_HL_115KV_TB2 355744	33.02 0.77 0.00	35.63 1.23 0.00	33.92 1.08 0.00	35.75 1.31 0.00	35.54 1.45 0.00	34.44 1.02 0.00	34.29 0.81 0.00	39.67 0.77 0.00	37.95 0.51 0.00	51.06 0.73 0.00	55.07 0.73 0.00	48.74 0.88 0.00	43.53 0.57 0.00	44.08 0.54 0.00	41.00 0.55 0.00	38.46 0.47 0.00	35.76 0.50 0.00	36.75 0.04 0.00	55.24 -0.29 0.00	45.63 0.11 0.00	59.85 0.08 0.00	34.45 -0.47 0.00	33.25 -0.27 0.00	36.16 0.20 0.00
HOWARD_WT_PWR 323690	32.54 0.29 0.00	35.18 0.78 0.00	33.54 0.70 0.00	35.54 1.10 0.00	35.49 1.40 0.00	34.69 1.27 0.00	34.93 1.45 0.00	40.60 1.71 0.00	38.85 1.41 0.00	52.40 2.02 -0.06	56.35 2.00 0.00	50.20 1.74 -0.60	44.30 1.35 0.00	44.73 1.19 0.00	41.49 1.04 0.00	39.02 1.04 0.00	36.22 0.96 0.00	37.53 0.82 0.00	56.45 0.92 0.00	46.76 1.24 0.00	61.16 1.39 0.00	35.40 0.47 0.00	33.73 0.21 0.00	36.31 0.35 0.00
HQ_GEN_CEDARS 23644	32.34 0.09 0.00	34.67 0.26 0.00	33.08 0.25 0.00	34.60 0.16 0.00	34.16 0.06 0.00	33.35 -0.07 0.00	33.33 -0.14 0.00	38.76 -0.13 0.00	37.29 -0.15 0.00	49.90 -0.42 0.00	53.63 -0.71 0.00	47.34 -0.53 0.00	42.50 -0.45 0.00	43.25 -0.29 0.00	40.27 -0.18 0.00	37.79 -0.19 0.00	35.02 -0.24 0.00	36.40 -0.31 0.00	55.18 -0.35 0.00	44.84 -0.68 0.00	59.13 -0.64 0.00	34.64 -0.28 0.00	33.54 0.02 0.00	36.14 0.17 0.00
HQ_GEN_CEDARS_PROXY 323590	32.34 0.09 0.00	34.67 0.26 0.00	33.09 0.25 0.00	34.60 0.16 0.00	34.16 0.06 0.00	33.35 -0.07 0.00	33.33 -0.14 0.00	38.77 -0.13 0.00	37.29 -0.15 0.00	49.90 -0.42 0.00	53.63 -0.71 0.00	47.34 -0.53 0.00	42.51 -0.45 0.00	43.26 -0.28 0.00	40.27 -0.18 0.00	37.79 -0.19 0.00	35.02 -0.24 0.00	36.40 -0.31 0.00	55.19 -0.34 0.00	44.84 -0.68 0.00	59.14 -0.64 0.00	34.64 -0.28 0.00	33.54 0.02 0.00	36.14 0.17 0.00

HQ_GEN_IMPORT 323601	32.27 0.01 0.00	34.51 0.10 0.00	32.94 0.10 0.00	34.48 0.04 0.00	34.09 -0.01 0.00	33.34 -0.08 0.00	33.36 -0.11 0.00	38.77 -0.12 0.00	37.29 -0.15 0.00	49.96 -0.36 0.00	53.73 -0.62 0.00	47.42 -0.45 0.00	42.55 -0.40 0.00	43.29 -0.25 0.00	40.30 -0.15 0.00	37.83 -0.15 0.00	35.08 -0.17 0.00	36.50 -0.20 0.00	55.29 -0.24 0.00	44.99 -0.54 0.00	59.25 -0.52 0.00	34.71 -0.20 0.00	33.49 -0.03 0.00	36.01 0.05 0.00
HQ_GEN_WHEEL 23651	32.27 0.01 0.00	34.51 0.10 0.00	32.94 0.10 0.00	34.48 0.04 0.00	34.09 -0.01 0.00	33.34 -0.08 0.00	33.36 -0.11 0.00	38.77 -0.12 0.00	37.29 -0.15 0.00	49.96 -0.36 0.00	53.73 -0.62 0.00	47.42 -0.45 0.00	42.55 -0.40 0.00	43.29 -0.25 0.00	40.30 -0.15 0.00	37.83 -0.15 0.00	35.08 -0.17 0.00	36.50 -0.20 0.00	55.29 -0.24 0.00	44.99 -0.54 0.00	59.25 -0.52 0.00	34.71 -0.20 0.00	33.49 -0.03 0.00	36.01 0.05 0.00
HUDSON AVE_GT_3 23810	33.35 0.89 -0.20	35.82 0.77 -0.65	33.69 0.67 -0.18	35.77 0.75 -0.57	35.05 0.79 -0.17	34.74 1.05 -0.27	34.80 1.32 0.00	41.70 1.53 -1.27	38.99 1.53 -0.02	52.44 2.12 0.00	57.08 2.73 0.00	50.05 2.18 0.00	44.85 1.89 0.00	45.14 1.60 0.00	41.85 1.40 0.00	39.40 1.41 0.00	36.74 1.48 0.00	38.33 1.62 0.00	57.89 2.37 0.00	47.99 2.47 0.00	62.76 2.98 0.00	36.65 1.74 0.00	35.42 1.62 -0.28	37.43 1.46 0.00
HUDSON AVE_GT_4 23540	33.35 0.89 -0.20	35.82 0.77 -0.65	33.69 0.67 -0.18	35.77 0.75 -0.57	35.05 0.79 -0.17	34.74 1.05 -0.27	34.80 1.32 0.00	41.70 1.53 -1.27	38.99 1.53 -0.02	52.44 2.12 0.00	57.08 2.73 0.00	50.05 2.18 0.00	44.85 1.89 0.00	45.14 1.60 0.00	41.85 1.40 0.00	39.40 1.41 0.00	36.74 1.48 0.00	38.33 1.62 0.00	57.89 2.37 0.00	47.99 2.47 0.00	62.76 2.98 0.00	36.65 1.74 0.00	35.42 1.62 -0.28	37.43 1.46 0.00
HUDSON AVE_GT_5 23657	33.35 0.89 -0.20	35.82 0.77 -0.65	33.69 0.67 -0.18	35.77 0.75 -0.57	35.05 0.79 -0.17	34.74 1.05 -0.27	34.80 1.32 0.00	41.70 1.53 -1.27	38.99 1.53 -0.02	52.44 2.12 0.00	57.08 2.73 0.00	50.05 2.18 0.00	44.85 1.89 0.00	45.14 1.60 0.00	41.85 1.40 0.00	39.40 1.41 0.00	36.74 1.48 0.00	38.33 1.62 0.00	57.89 2.37 0.00	47.99 2.47 0.00	62.76 2.98 0.00	36.65 1.74 0.00	35.42 1.62 -0.28	37.43 1.46 0.00
HUDSON_AVE_10 24168	33.25 0.79 -0.20	35.72 0.66 -0.65	33.60 0.59 -0.18	35.66 0.65 -0.57	34.99 0.73 -0.17	34.68 0.98 -0.27	34.72 1.25 0.00	41.62 1.45 -1.27	38.92 1.46 -0.02	52.35 2.03 0.00	56.97 2.63 0.00	49.94 2.08 0.00	44.76 1.81 0.00	45.05 1.51 0.00	41.76 1.31 0.00	39.30 1.32 0.00	36.66 1.40 0.00	38.25 1.55 0.00	57.79 2.26 0.00	47.89 2.37 0.00	62.62 2.85 0.00	36.57 1.65 0.00	35.34 1.54 -0.28	37.34 1.38 0.00
HUDSON___115KV_TB 4 355613	33.46 1.31 0.11	35.37 1.31 0.35	34.03 1.29 0.09	35.52 1.39 0.30	35.37 1.36 0.09	34.72 1.44 0.14	34.93 1.46 0.00	40.03 1.82 0.68	39.26 1.84 0.01	52.97 2.65 0.00	57.45 3.10 0.00	50.47 2.61 0.00	45.36 2.41 0.00	45.78 2.24 0.00	42.46 2.01 0.00	39.91 1.93 0.00	37.23 1.97 0.00	38.89 2.18 0.00	58.68 3.15 0.00	48.22 2.70 0.00	63.10 3.33 0.00	36.73 1.81 0.00	34.84 1.48 0.15	37.37 1.41 0.00
HUNTER MOUNT___DRP 323613	33.85 1.66 0.06	35.90 1.69 0.20	34.43 1.65 0.05	36.04 1.78 0.18	35.76 1.72 0.05	35.13 1.79 0.08	35.24 1.76 0.00	40.72 2.22 0.39	39.67 2.23 0.01	53.53 3.20 0.00	58.04 3.69 0.00	51.04 3.18 0.00	45.89 2.94 0.00	46.31 2.77 0.00	42.94 2.49 0.00	40.37 2.39 0.00	37.73 2.47 0.00	39.42 2.72 0.00	59.41 3.88 0.00	48.69 3.17 0.00	63.65 3.87 0.00	37.01 2.09 0.00	35.17 1.73 0.09	37.66 1.70 0.00
HUNTINGTON_RES_REC 323705	33.74 1.00 -0.48	35.97 0.80 -0.77	33.83 0.82 -0.18	36.11 1.10 -0.57	35.37 1.11 -0.17	35.17 1.48 -0.27	35.29 1.81 0.00	42.21 2.04 -1.27	39.12 1.66 -0.02	52.09 1.76 0.00	56.74 2.40 0.00	49.87 2.00 0.00	44.59 1.63 0.00	44.85 1.31 0.00	41.70 1.25 0.00	39.34 1.36 0.00	36.77 1.51 -0.01	38.46 1.75 0.00	58.26 2.73 0.00	48.31 2.79 0.00	62.93 3.16 0.00	36.67 1.75 0.00	35.51 1.71 -0.28	37.37 1.41 0.00
HUNTLEY___63 23557	32.56 0.31 0.00	35.11 0.71 0.00	33.46 0.62 0.00	34.97 0.53 0.00	34.65 0.56 0.00	33.61 0.19 0.00	33.26 -0.22 0.00	38.13 -0.76 0.00	36.56 -0.88 0.00	49.10 -1.22 0.00	52.73 -1.62 0.00	46.59 -1.27 0.00	41.88 -1.08 0.00	42.64 -0.90 0.00	39.61 -0.84 0.00	37.04 -0.94 0.00	34.23 -1.03 0.00	35.15 -1.56 0.00	53.06 -2.47 0.00	43.66 -1.86 0.00	57.35 -2.42 0.00	32.90 -2.02 0.00	31.92 -1.60 0.00	34.99 -0.98 0.00
HUNTLEY___64 23558	32.56 0.31 0.00	35.11 0.71 0.00	33.46 0.62 0.00	34.97 0.53 0.00	34.65 0.56 0.00	33.61 0.19 0.00	33.26 -0.22 0.00	38.13 -0.76 0.00	36.56 -0.88 0.00	49.10 -1.22 0.00	52.73 -1.62 0.00	46.59 -1.27 0.00	41.88 -1.08 0.00	42.64 -0.90 0.00	39.61 -0.84 0.00	37.04 -0.94 0.00	34.23 -1.03 0.00	35.15 -1.56 0.00	53.06 -2.47 0.00	43.66 -1.86 0.00	57.35 -2.42 0.00	32.90 -2.02 0.00	31.92 -1.60 0.00	34.99 -0.98 0.00
HUNTLEY___65 23559	32.56 0.31 0.00	35.11 0.71 0.00	33.46 0.62 0.00	34.97 0.53 0.00	34.65 0.56 0.00	33.61 0.19 0.00	33.26 -0.22 0.00	38.13 -0.76 0.00	36.56 -0.88 0.00	49.10 -1.22 0.00	52.73 -1.62 0.00	46.59 -1.27 0.00	41.88 -1.08 0.00	42.64 -0.90 0.00	39.61 -0.84 0.00	37.04 -0.94 0.00	34.23 -1.03 0.00	35.15 -1.56 0.00	53.06 -2.47 0.00	43.66 -1.86 0.00	57.35 -2.42 0.00	32.90 -2.02 0.00	31.92 -1.60 0.00	34.99 -0.98 0.00
HUNTLEY___66 23560	32.56 0.31 0.00	35.11 0.71 0.00	33.46 0.62 0.00	34.97 0.53 0.00	34.65 0.56 0.00	33.61 0.19 0.00	33.26 -0.22 0.00	38.13 -0.76 0.00	36.56 -0.88 0.00	49.10 -1.22 0.00	52.73 -1.62 0.00	46.59 -1.27 0.00	41.88 -1.08 0.00	42.64 -0.90 0.00	39.61 -0.84 0.00	37.04 -0.94 0.00	34.23 -1.03 0.00	35.15 -1.56 0.00	53.06 -2.47 0.00	43.66 -1.86 0.00	57.35 -2.42 0.00	32.90 -2.02 0.00	31.92 -1.60 0.00	34.99 -0.98 0.00
HUNTLEY___67 23561	32.30 0.04 0.00	34.84 0.43 0.00	33.19 0.36 0.00	34.72 0.28 0.00	34.41 0.32 0.00	33.37 -0.06 0.00	33.04 -0.44 0.00	37.96 -0.93 0.00	36.40 -1.05 0.00	48.91 -1.42 0.00	52.50 -1.84 0.00	46.37 -1.50 0.00	41.68 -1.27 0.00	42.45 -1.09 0.00	39.47 -0.98 0.00	36.93 -1.06 0.00	34.13 -1.13 0.00	35.04 -1.66 0.00	52.90 -2.63 0.00	43.49 -2.03 0.00	57.10 -2.67 0.00	32.78 -2.14 0.00	31.79 -1.73 0.00	34.82 -1.14 0.00
HUNTLEY___68 23562	32.30 0.04 0.00	34.84 0.43 0.00	33.19 0.36 0.00	34.72 0.28 0.00	34.41 0.32 0.00	33.37 -0.06 0.00	33.04 -0.44 0.00	37.96 -0.93 0.00	36.40 -1.05 0.00	48.91 -1.42 0.00	52.50 -1.84 0.00	46.37 -1.50 0.00	41.68 -1.27 0.00	42.45 -1.09 0.00	39.47 -0.98 0.00	36.93 -1.06 0.00	34.13 -1.13 0.00	35.04 -1.66 0.00	52.90 -2.63 0.00	43.49 -2.03 0.00	57.10 -2.67 0.00	32.78 -2.14 0.00	31.79 -1.73 0.00	34.82 -1.14 0.00

HYLAND___LFGE 323620	33.88 1.62 0.00	36.34 1.93 0.00	34.64 1.80 0.00	36.43 1.99 0.00	36.25 2.16 0.00	35.41 1.99 0.00	35.54 2.07 0.00	41.28 2.39 0.00	39.69 2.25 0.00	53.52 3.16 -0.03	57.61 3.26 0.00	50.97 2.76 -0.34	45.19 2.24 0.00	45.63 2.09 0.00	42.24 1.79 0.00	39.57 1.59 0.00	36.66 1.40 0.00	37.15 0.44 0.00	56.37 0.84 0.00	47.57 2.05 0.00	62.70 2.92 0.00	36.21 1.29 0.00	34.65 1.13 0.00	37.35 1.39 0.00
INDECK___CORINTH 23802	32.52 0.44 0.17	34.59 0.75 0.56	33.38 0.70 0.15	34.63 0.69 0.50	34.74 0.79 0.14	34.05 0.87 0.23	34.51 1.04 0.00	39.10 1.30 1.10	38.74 1.32 0.02	52.36 2.04 0.00	56.91 2.57 0.00	50.12 2.26 0.00	45.04 2.08 0.00	45.51 1.97 0.00	42.15 1.70 0.00	39.62 1.64 0.00	36.85 1.60 0.00	38.53 1.82 0.00	58.39 2.86 0.00	48.33 2.81 0.00	62.94 3.17 0.00	36.63 1.71 0.00	34.64 1.37 0.25	37.26 1.30 0.00
INDECK___ILION 23567	32.11 -0.14 0.00	34.14 -0.27 0.00	32.59 -0.24 0.00	34.23 -0.21 0.00	33.90 -0.19 0.00	33.32 -0.10 0.00	33.46 -0.01 0.00	38.87 -0.02 0.00	37.47 0.04 0.00	50.57 0.24 0.00	54.93 0.58 0.00	48.43 0.57 0.00	43.58 0.63 0.00	44.13 0.59 0.00	40.90 0.45 0.00	38.38 0.40 0.00	35.65 0.39 0.00	37.16 0.45 0.00	56.09 0.56 0.00	46.19 0.67 0.00	60.49 0.71 0.00	35.29 0.37 0.00	33.74 0.22 0.00	36.07 0.11 0.00
INDECK___OLEAN 23982	33.02 0.77 0.00	35.60 1.19 0.00	33.91 1.08 0.00	35.75 1.31 0.00	35.54 1.45 0.00	34.44 1.02 0.00	34.30 0.82 0.00	39.67 0.77 0.00	37.95 0.51 0.00	50.92 0.73 0.14	55.07 0.73 0.00	47.23 0.87 1.51	43.53 0.57 0.00	44.08 0.54 0.00	41.00 0.56 0.00	38.46 0.48 0.00	35.75 0.49 0.00	36.75 0.04 0.00	55.25 -0.29 0.00	45.63 0.11 0.00	59.84 0.07 0.00	34.44 -0.48 0.00	33.25 -0.27 0.00	36.16 0.20 0.00
INDECK___OSWEGO 23783	31.84 -0.42 0.00	33.95 -0.46 0.00	32.40 -0.44 0.00	34.00 -0.44 0.00	33.71 -0.39 0.00	32.99 -0.43 0.00	32.95 -0.52 0.00	38.27 -0.62 0.00	36.87 -0.57 0.00	49.69 -0.63 0.00	53.71 -0.63 0.00	47.25 -0.61 0.00	42.40 -0.56 0.00	42.89 -0.64 0.00	39.81 -0.63 0.00	37.37 -0.61 0.00	34.67 -0.59 0.00	36.04 -0.66 0.00	54.46 -1.07 0.00	44.84 -0.68 0.00	58.82 -0.96 0.00	34.27 -0.65 0.00	32.86 -0.66 0.00	35.27 -0.69 0.00
INDECK___YERKES 23781	32.60 0.35 0.00	35.10 0.69 0.00	33.48 0.65 0.00	34.99 0.56 0.00	34.69 0.59 0.00	33.65 0.23 0.00	33.29 -0.18 0.00	38.18 -0.72 0.00	36.59 -0.85 0.00	49.03 -1.18 0.11	52.78 -1.57 0.00	45.44 -1.23 1.20	41.92 -1.04 0.00	42.67 -0.87 0.00	39.65 -0.80 0.00	37.08 -0.90 0.00	34.25 -1.01 0.00	35.18 -1.53 0.00	53.11 -2.42 0.00	43.70 -1.82 0.00	57.40 -2.38 0.00	32.93 -1.99 0.00	31.95 -1.57 0.00	35.02 -0.94 0.00
INDIAN POINT_GT_1 24139	33.10 0.65 -0.20	35.57 0.52 -0.64	33.45 0.44 -0.17	35.56 0.56 -0.56	34.83 0.58 -0.16	34.48 0.79 -0.27	34.52 1.05 0.00	41.40 1.26 -1.25	38.71 1.24 -0.02	52.07 1.75 0.00	56.65 2.30 0.00	49.70 1.84 0.00	44.52 1.57 0.00	44.84 1.30 0.00	41.55 1.11 0.00	39.11 1.13 0.00	36.45 1.19 0.00	38.04 1.33 0.00	57.51 1.98 0.00	47.64 2.12 0.00	62.34 2.57 0.00	36.39 1.47 0.00	35.13 1.33 -0.27	37.17 1.20 0.00
INDIAN POINT_GT_2 23659	33.10 0.65 -0.20	35.57 0.52 -0.64	33.45 0.44 -0.17	35.56 0.56 -0.56	34.83 0.58 -0.16	34.48 0.79 -0.27	34.52 1.05 0.00	41.40 1.26 -1.25	38.71 1.24 -0.02	52.07 1.75 0.00	56.65 2.30 0.00	49.70 1.84 0.00	44.52 1.57 0.00	44.84 1.30 0.00	41.55 1.11 0.00	39.11 1.13 0.00	36.45 1.19 0.00	38.04 1.33 0.00	57.51 1.98 0.00	47.64 2.12 0.00	62.34 2.57 0.00	36.39 1.47 0.00	35.13 1.33 -0.27	37.17 1.20 0.00
INDIAN POINT_GT_3 24019	33.10 0.65 -0.20	35.57 0.52 -0.64	33.45 0.44 -0.17	35.56 0.56 -0.56	34.83 0.58 -0.16	34.48 0.79 -0.27	34.52 1.05 0.00	41.40 1.26 -1.25	38.71 1.24 -0.02	52.07 1.75 0.00	56.65 2.30 0.00	49.70 1.84 0.00	44.52 1.57 0.00	44.84 1.30 0.00	41.55 1.11 0.00	39.11 1.13 0.00	36.45 1.19 0.00	38.04 1.33 0.00	57.51 1.98 0.00	47.64 2.12 0.00	62.34 2.57 0.00	36.39 1.47 0.00	35.13 1.33 -0.27	37.17 1.20 0.00
INDIAN POINT___2 23530	33.07 0.62 -0.19	35.54 0.51 -0.63	33.44 0.43 -0.17	35.52 0.54 -0.55	34.82 0.57 -0.16	34.46 0.78 -0.26	34.52 1.04 0.00	41.36 1.25 -1.22	38.69 1.23 -0.02	52.05 1.73 0.00	56.63 2.28 0.00	49.66 1.80 0.00	44.50 1.54 0.00	44.81 1.28 0.00	41.52 1.07 0.00	39.07 1.09 0.00	36.42 1.16 0.00	38.00 1.29 0.00	57.46 1.93 0.00	47.60 2.08 0.00	62.32 2.55 0.00	36.36 1.44 0.00	35.10 1.31 -0.27	37.15 1.19 0.00
INDIAN POINT___3 23531	33.08 0.63 -0.20	35.56 0.51 -0.64	33.44 0.43 -0.17	35.54 0.53 -0.56	34.82 0.56 -0.16	34.46 0.78 -0.27	34.51 1.03 0.00	41.38 1.23 -1.25	38.68 1.22 -0.02	52.03 1.71 0.00	56.60 2.26 0.00	49.66 1.80 0.00	44.50 1.54 0.00	44.82 1.28 0.00	41.52 1.08 0.00	39.08 1.10 0.00	36.42 1.16 0.00	38.00 1.29 0.00	57.46 1.93 0.00	47.60 2.08 0.00	62.29 2.52 0.00	36.36 1.44 0.00	35.10 1.31 -0.27	37.14 1.18 0.00
INGHAM_C_115KV_TB7 356103	31.61 -0.64 0.00	33.50 -0.90 0.00	32.01 -0.83 0.00	33.65 -0.79 0.00	33.33 -0.76 0.00	32.83 -0.59 0.00	33.08 -0.40 0.00	38.40 -0.49 0.00	37.05 -0.39 0.00	50.21 -0.11 0.00	54.89 0.54 0.00	48.48 0.61 0.00	43.80 0.84 0.00	44.38 0.84 0.00	41.02 0.58 0.00	38.44 0.46 0.00	35.73 0.46 0.00	37.29 0.58 0.00	56.15 0.62 0.00	46.37 0.85 0.00	60.59 0.81 0.00	35.31 0.39 0.00	33.67 0.15 0.00	35.88 -0.09 0.00
IP CORINTH___1 23988	32.56 0.48 0.17	34.58 0.74 0.56	33.38 0.70 0.15	34.63 0.69 0.50	34.74 0.79 0.14	34.05 0.87 0.23	34.51 1.04 0.00	39.10 1.30 1.10	38.74 1.32 0.02	52.36 2.04 0.00	56.91 2.57 0.00	50.12 2.26 0.00	45.04 2.08 0.00	45.51 1.97 0.00	42.15 1.70 0.00	39.62 1.64 0.00	36.85 1.60 0.00	38.53 1.82 0.00	58.39 2.86 0.00	48.33 2.81 0.00	62.94 3.17 0.00	36.62 1.71 0.00	34.64 1.37 0.25	37.26 1.30 0.00
IP___TICONDEROGA 23804	33.47 1.39 0.18	36.08 2.25 0.58	34.75 2.07 0.16	35.84 1.91 0.51	36.24 2.29 0.15	35.46 2.28 0.24	36.16 2.69 0.00	41.10 3.34 1.13	40.67 3.25 0.02	55.14 4.82 0.00	60.08 5.74 0.00	52.91 5.04 0.00	47.44 4.48 0.00	47.83 4.29 0.00	44.16 3.71 0.00	41.65 3.67 0.00	38.52 3.26 0.00	40.15 3.44 0.00	61.03 5.50 0.00	50.55 5.04 0.00	65.15 5.38 0.00	37.88 2.97 0.00	35.68 2.42 0.25	38.58 2.62 0.00
ISLIP_RES_REC 323679	34.15 1.40 -0.50	36.51 1.33 -0.77	34.26 1.25 -0.18	36.56 1.54 -0.57	35.82 1.56 -0.17	35.68 1.99 -0.27	35.82 2.34 0.00	42.84 2.68 -1.27	39.72 2.26 -0.02	52.68 2.35 0.00	57.41 3.06 0.00	50.44 2.58 0.00	45.00 2.05 0.00	45.22 1.68 0.00	42.05 1.60 0.00	39.68 1.69 0.00	37.12 1.85 -0.01	38.84 2.13 0.00	58.96 3.43 0.00	48.89 3.37 0.00	63.55 3.78 0.00	36.96 2.04 0.00	35.85 2.05 -0.28	37.65 1.69 0.00

JAMAICA__27_KV_LOAD 355505	33.43 0.98 -0.20	35.96 0.90 -0.65	33.83 0.82 -0.18	35.89 0.88 -0.57	35.28 1.03 -0.17	34.98 1.29 -0.27	35.00 1.53 0.00	41.99 1.82 -1.27	39.27 1.80 -0.02	52.86 2.54 0.00	57.49 3.15 0.00	50.43 2.57 0.00	45.20 2.24 0.00	45.48 1.93 0.00	42.12 1.67 0.00	39.62 1.63 0.00	36.98 1.72 0.00	38.60 1.89 0.00	58.33 2.80 0.00	48.26 2.74 0.00	63.10 3.33 0.00	36.85 1.93 0.00	35.62 1.82 -0.28	37.58 1.61 0.00
JANIS__SOLAR 323808	33.95 1.70 0.00	35.99 1.58 0.00	34.46 1.62 0.00	36.18 1.75 0.00	36.07 1.98 0.00	35.40 1.98 0.00	35.48 2.01 0.00	41.38 2.49 0.00	39.91 2.47 0.00	53.90 3.56 -0.02	58.27 3.92 0.00	51.39 3.33 -0.19	45.73 2.77 0.00	46.24 2.70 0.00	42.90 2.45 0.00	40.29 2.31 0.00	37.42 2.17 0.00	38.88 2.17 0.00	58.73 3.20 0.00	48.27 2.75 0.00	63.11 3.34 0.00	36.65 1.73 0.00	35.10 1.58 0.00	37.81 1.85 0.00
JARVIS____ 23743	32.26 0.01 0.00	34.38 -0.02 0.00	32.81 -0.03 0.00	34.43 -0.01 0.00	34.09 0.00 0.00	33.47 0.04 0.00	33.54 0.07 0.00	38.98 0.09 0.00	37.55 0.11 0.00	50.54 0.21 0.00	54.67 0.33 0.00	48.12 0.26 0.00	43.20 0.25 0.00	43.71 0.17 0.00	40.59 0.14 0.00	38.13 0.15 0.00	35.39 0.13 0.00	36.88 0.16 0.00	55.75 0.22 0.00	45.85 0.33 0.00	60.13 0.36 0.00	35.11 0.19 0.00	33.63 0.11 0.00	36.03 0.07 0.00
JENNISON____1 23625	33.67 1.42 0.00	35.33 0.93 0.00	34.17 1.33 0.00	36.00 1.56 0.00	35.95 1.85 0.00	35.27 1.85 0.00	35.23 1.76 0.00	41.30 2.41 0.00	39.87 2.43 0.00	53.87 3.55 0.00	58.25 3.91 0.00	51.22 3.35 0.00	45.80 2.84 0.00	46.11 2.57 0.00	42.61 2.16 0.00	39.94 1.95 0.00	37.11 1.85 0.00	38.59 1.89 0.00	58.23 2.70 0.00	47.62 2.10 0.00	61.94 2.17 0.00	36.01 1.09 0.00	34.55 1.03 0.00	37.46 1.50 0.00
JENNISON____2 23626	33.67 1.42 0.00	35.33 0.93 0.00	34.17 1.33 0.00	36.00 1.56 0.00	35.95 1.85 0.00	35.27 1.85 0.00	35.23 1.76 0.00	41.30 2.41 0.00	39.87 2.43 0.00	53.87 3.55 0.00	58.25 3.91 0.00	51.22 3.35 0.00	45.80 2.84 0.00	46.11 2.57 0.00	42.61 2.16 0.00	39.94 1.95 0.00	37.11 1.85 0.00	38.59 1.89 0.00	58.23 2.70 0.00	47.62 2.10 0.00	61.94 2.17 0.00	36.01 1.09 0.00	34.55 1.03 0.00	37.46 1.50 0.00
JERICOHO_RISE_WT_PWR 323719	33.18 0.93 0.00	35.50 1.09 0.00	33.76 0.93 0.00	35.19 0.75 0.00	34.64 0.54 0.00	33.61 0.19 0.00	33.63 0.15 0.00	39.16 0.27 0.00	37.64 0.20 0.00	50.43 0.11 0.00	54.52 0.17 0.00	48.23 0.36 0.00	43.32 0.36 0.00	43.86 0.33 0.00	40.71 0.26 0.00	38.28 0.30 0.00	35.55 0.30 0.00	37.11 0.40 0.00	56.34 0.81 0.00	45.70 0.18 0.00	60.10 0.33 0.00	35.28 0.36 0.00	34.39 0.87 0.00	37.12 1.16 0.00
KATONAH__115KV_46KV_TB4 355592	33.31 0.86 -0.20	35.82 0.75 -0.66	33.67 0.66 -0.18	35.78 0.76 -0.58	35.06 0.80 -0.17	34.70 1.01 -0.27	34.72 1.25 0.00	41.69 1.50 -1.29	38.97 1.51 -0.02	52.46 2.14 0.00	57.05 2.71 0.00	50.11 2.25 0.00	44.92 1.97 0.00	45.25 1.71 0.00	41.93 1.48 0.00	39.48 1.49 0.00	36.78 1.52 0.00	38.38 1.68 0.00	58.01 2.48 0.00	47.99 2.46 0.00	62.79 3.02 0.00	36.63 1.71 0.00	35.32 1.52 -0.28	37.35 1.39 0.00
KCE_NY_1 323755	32.88 0.81 0.18	34.70 0.89 0.60	33.53 0.86 0.16	34.83 0.92 0.53	34.88 0.94 0.15	34.20 1.03 0.25	34.59 1.11 0.00	39.08 1.36 1.17	38.75 1.33 0.02	52.28 1.95 0.00	56.77 2.43 0.00	49.98 2.12 0.00	44.94 1.98 0.00	45.41 1.87 0.00	42.07 1.62 0.00	39.55 1.56 0.00	36.74 1.48 0.00	38.39 1.68 0.00	58.07 2.54 0.00	47.89 2.37 0.00	62.54 2.77 0.00	36.43 1.51 0.00	34.48 1.22 0.26	37.13 1.17 0.00
KCE_NY_6_ESR 323823	32.76 0.51 0.00	35.27 0.87 0.00	33.64 0.80 0.00	35.22 0.78 0.00	34.94 0.85 0.00	33.88 0.46 0.00	33.60 0.12 0.00	38.63 -0.26 0.00	37.00 -0.44 0.00	49.70 -0.50 0.12	53.47 -0.88 0.00	45.93 -0.59 1.34	42.46 -0.50 0.00	43.20 -0.34 0.00	40.15 -0.30 0.00	37.53 -0.45 0.00	34.67 -0.59 0.00	35.62 -1.08 0.00	53.76 -1.77 0.00	44.28 -1.24 0.00	58.11 -1.66 0.00	33.36 -1.55 0.00	32.31 -1.21 0.00	35.36 -0.61 0.00
KEDC_PORT_JEFF_GT2 24210	33.96 1.23 -0.48	36.31 1.14 -0.76	34.10 1.08 -0.18	36.39 1.38 -0.57	35.65 1.39 -0.17	35.50 1.81 -0.27	35.64 2.16 0.00	42.61 2.45 -1.27	39.49 2.03 -0.02	52.36 2.03 0.00	57.06 2.71 0.00	50.13 2.27 0.00	44.75 1.79 0.00	44.96 1.42 0.00	41.82 1.37 0.00	39.45 1.47 0.00	36.90 1.63 -0.01	38.61 1.90 0.00	58.61 3.08 0.00	48.59 3.07 0.00	63.16 3.39 0.00	36.76 1.84 0.00	35.66 1.86 -0.28	37.46 1.50 0.00
KEDC_PORT_JEFF_GT3 24211	33.96 1.23 -0.48	36.31 1.14 -0.76	34.10 1.08 -0.18	36.39 1.38 -0.57	35.65 1.39 -0.17	35.50 1.81 -0.27	35.64 2.16 0.00	42.61 2.45 -1.27	39.49 2.03 -0.02	52.36 2.03 0.00	57.06 2.71 0.00	50.13 2.27 0.00	44.75 1.79 0.00	44.96 1.42 0.00	41.82 1.37 0.00	39.45 1.47 0.00	36.90 1.63 -0.01	38.61 1.90 0.00	58.61 3.08 0.00	48.59 3.07 0.00	63.16 3.39 0.00	36.76 1.84 0.00	35.66 1.86 -0.28	37.46 1.50 0.00
KEDC_GLWD_GT4 24219	34.93 1.30 -1.37	36.68 1.15 -1.12	34.09 1.08 -0.18	36.30 1.29 -0.57	35.58 1.31 -0.17	35.29 1.60 -0.27	35.38 1.90 0.00	42.35 2.18 -1.27	39.44 1.97 -0.02	52.82 2.50 0.00	57.49 3.14 0.00	50.49 2.62 0.00	45.17 2.22 0.00	45.46 1.92 0.00	42.22 1.78 0.00	39.78 1.80 0.00	37.18 1.88 -0.03	38.81 2.10 0.00	58.61 3.08 0.00	48.58 3.06 0.00	63.44 3.66 0.00	37.05 2.13 0.00	35.84 2.04 -0.28	37.80 1.84 0.00
KEDC_GLWD_GT5 24220	34.93 1.30 -1.37	36.68 1.15 -1.12	34.09 1.08 -0.18	36.30 1.29 -0.57	35.58 1.31 -0.17	35.29 1.60 -0.27	35.38 1.90 0.00	42.35 2.18 -1.27	39.44 1.97 -0.02	52.82 2.50 0.00	57.49 3.14 0.00	50.49 2.62 0.00	45.17 2.22 0.00	45.46 1.92 0.00	42.22 1.78 0.00	39.78 1.80 0.00	37.18 1.88 -0.03	38.81 2.10 0.00	58.61 3.08 0.00	48.58 3.06 0.00	63.44 3.66 0.00	37.05 2.13 0.00	35.84 2.04 -0.28	37.80 1.84 0.00
KENSICO____ 23655	33.18 0.73 -0.20	35.65 0.59 -0.65	33.52 0.51 -0.18	35.63 0.61 -0.57	34.90 0.65 -0.16	34.55 0.86 -0.27	34.60 1.12 0.00	41.49 1.33 -1.27	38.78 1.31 -0.02	52.16 1.83 0.00	56.75 2.40 0.00	49.78 1.91 0.00	44.61 1.65 0.00	44.92 1.38 0.00	41.64 1.19 0.00	39.19 1.21 0.00	36.53 1.27 0.00	38.13 1.42 0.00	57.62 2.08 0.00	47.73 2.21 0.00	62.45 2.68 0.00	36.46 1.54 0.00	35.21 1.41 -0.28	37.23 1.27 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	33.09 0.72 -0.12	35.38 0.59 -0.38	33.43 0.49 -0.10	35.38 0.61 -0.33	34.82 0.63 -0.10	34.42 0.84 -0.16	34.59 1.12 0.00	41.00 1.36 -0.74	38.84 1.38 -0.01	52.32 2.00 0.00	56.91 2.56 0.00	49.96 2.09 0.00	44.93 1.98 0.00	45.62 2.08 0.00	42.30 1.85 0.00	39.82 1.84 0.00	37.43 2.17 0.00	39.00 2.29 0.00	58.61 3.08 0.00	48.35 2.83 0.00	63.25 3.48 0.00	36.88 1.97 0.00	35.46 1.78 -0.16	37.65 1.69 0.00

KIAC_JFK_GT1 23816	33.31 0.86 -0.20	35.83 0.77 -0.65	33.72 0.71 -0.18	35.77 0.76 -0.57	35.16 0.90 -0.17	34.88 1.19 -0.27	34.90 1.42 0.00	41.86 1.68 -1.27	39.14 1.68 -0.02	52.68 2.35 0.00	57.29 2.94 0.00	50.25 2.38 0.00	45.03 2.07 0.00	45.31 1.77 0.00	41.96 1.51 0.00	39.48 1.50 0.00	36.85 1.59 0.00	38.46 1.75 0.00	58.11 2.57 0.00	48.09 2.57 0.00	62.86 3.09 0.00	36.71 1.79 0.00	35.48 1.68 -0.28	37.46 1.49 0.00
KIAC_JFK_GT2 23817	33.31 0.86 -0.20	35.83 0.77 -0.65	33.72 0.71 -0.18	35.77 0.76 -0.57	35.16 0.90 -0.17	34.88 1.19 -0.27	34.90 1.42 0.00	41.86 1.68 -1.27	39.14 1.68 -0.02	52.68 2.35 0.00	57.29 2.94 0.00	50.25 2.38 0.00	45.03 2.07 0.00	45.31 1.77 0.00	41.96 1.51 0.00	39.48 1.50 0.00	36.85 1.59 0.00	38.46 1.75 0.00	58.11 2.57 0.00	48.09 2.57 0.00	62.86 3.09 0.00	36.71 1.79 0.00	35.48 1.68 -0.28	37.46 1.49 0.00
KIAC_JFK____ 323774	33.31 0.86 -0.20	35.84 0.78 -0.65	33.72 0.71 -0.18	35.77 0.76 -0.57	35.16 0.90 -0.17	34.88 1.19 -0.27	34.90 1.42 0.00	41.85 1.69 -1.27	39.15 1.68 -0.02	52.68 2.35 0.00	57.28 2.94 0.00	50.25 2.38 0.00	45.03 2.07 0.00	45.31 1.77 0.00	41.96 1.51 0.00	39.48 1.50 0.00	36.85 1.59 0.00	38.46 1.75 0.00	58.10 2.57 0.00	48.09 2.57 0.00	62.86 3.09 0.00	36.71 1.79 0.00	35.48 1.68 -0.28	37.46 1.50 0.00
KINTIGH____ 23543	31.92 -0.34 0.00	34.40 0.00 0.00	32.78 -0.06 0.00	34.30 -0.14 0.00	34.00 -0.10 0.00	33.01 -0.41 0.00	32.74 -0.74 0.00	37.74 -1.15 0.00	36.23 -1.21 0.00	48.63 -1.69 0.00	52.33 -2.02 0.00	46.15 -1.72 0.00	41.48 -1.48 0.00	42.19 -1.35 0.00	39.23 -1.22 0.00	36.75 -1.23 0.00	34.00 -1.26 0.00	34.96 -1.75 0.00	52.80 -2.73 0.00	43.42 -2.10 0.00	57.01 -2.77 0.00	32.79 -2.13 0.00	31.73 -1.79 0.00	34.63 -1.34 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	33.80 1.55 0.00	36.19 1.78 0.00	34.43 1.60 0.00	35.90 1.46 0.00	35.28 1.19 0.00	34.18 0.76 0.00	34.20 0.73 0.00	39.76 0.86 0.00	38.21 0.77 0.00	51.25 0.93 0.00	55.49 1.15 0.00	49.10 1.24 0.00	44.11 1.15 0.00	44.56 1.02 0.00	41.29 0.85 0.00	38.83 0.85 0.00	36.07 0.81 0.00	37.70 0.99 0.00	57.23 1.70 0.00	46.45 0.93 0.00	60.98 1.21 0.00	35.79 0.87 0.00	34.98 1.46 0.00	37.80 1.84 0.00
LACHUTE____HYDRO 323717	33.47 1.39 0.18	36.08 2.25 0.58	34.75 2.07 0.16	35.84 1.91 0.51	36.24 2.29 0.15	35.46 2.28 0.24	36.16 2.69 0.00	41.10 3.34 1.13	40.66 3.24 0.02	55.14 4.82 0.00	60.08 5.73 0.00	52.91 5.04 0.00	47.44 4.48 0.00	47.82 4.29 0.00	44.15 3.71 0.00	41.65 3.67 0.00	38.51 3.26 0.00	40.15 3.44 0.00	61.03 5.50 0.00	50.55 5.03 0.00	65.15 5.38 0.00	37.88 2.97 0.00	35.68 2.42 0.25	38.58 2.62 0.00
LAWRNCV_115KV_TB1 80681	31.91 -0.35 0.00	34.18 -0.23 0.00	32.60 -0.23 0.00	34.08 -0.35 0.00	33.64 -0.45 0.00	32.83 -0.59 0.00	32.82 -0.65 0.00	38.24 -0.65 0.00	36.82 -0.62 0.00	49.32 -1.00 0.00	53.02 -1.32 0.00	46.78 -1.09 0.00	42.00 -0.95 0.00	42.67 -0.87 0.00	39.71 -0.74 0.00	37.27 -0.72 0.00	34.51 -0.75 0.00	35.88 -0.83 0.00	54.40 -1.14 0.00	44.27 -1.25 0.00	58.41 -1.36 0.00	34.24 -0.67 0.00	33.15 -0.37 0.00	35.70 -0.26 0.00
LEDERLE____ 23769	33.23 0.79 -0.18	35.71 0.70 -0.61	33.60 0.60 -0.17	35.71 0.73 -0.53	35.00 0.75 -0.16	34.62 0.95 -0.25	34.69 1.21 0.00	41.55 1.47 -1.19	38.91 1.45 -0.02	52.37 2.05 0.00	56.98 2.64 0.00	49.98 2.12 0.00	44.77 1.81 0.00	45.09 1.55 0.00	41.77 1.32 0.00	39.30 1.32 0.00	36.63 1.37 0.00	38.22 1.51 0.00	57.79 2.26 0.00	47.90 2.38 0.00	62.70 2.93 0.00	36.58 1.66 0.00	35.29 1.51 -0.26	37.36 1.40 0.00
LIGHTHSE_115KV_TB6 355974	32.13 -0.12 0.00	34.24 -0.17 0.00	32.66 -0.17 0.00	34.29 -0.15 0.00	33.96 -0.14 0.00	33.19 -0.23 0.00	33.14 -0.34 0.00	38.58 -0.32 0.00	37.23 -0.21 0.00	50.28 -0.04 0.00	54.44 0.10 0.00	47.89 0.03 0.00	42.90 -0.06 0.00	43.32 -0.22 0.00	40.14 -0.31 0.00	37.64 -0.34 0.00	34.84 -0.42 0.00	36.16 -0.55 0.00	54.66 -0.87 0.00	45.18 -0.34 0.00	59.40 -0.38 0.00	34.67 -0.25 0.00	33.25 -0.27 0.00	35.68 -0.28 0.00
LINDEN COGEN____ 23786	33.06 0.61 -0.20	35.50 0.44 -0.65	33.38 0.37 -0.18	35.44 0.43 -0.57	34.75 0.49 -0.17	34.44 0.75 -0.27	34.51 1.03 0.00	41.36 1.19 -1.27	38.67 1.21 -0.02	51.98 1.66 0.00	56.60 2.26 0.00	49.60 1.74 0.00	44.44 1.48 0.00	44.73 1.19 0.00	41.45 1.00 0.00	39.01 1.03 0.00	36.39 1.14 0.00	37.96 1.25 0.00	57.34 1.81 0.00	47.55 2.03 0.00	62.21 2.44 0.00	36.34 1.42 0.00	35.11 1.31 -0.28	37.10 1.14 0.00
LINDHRST_69_KV_BK1 356055	34.55 1.45 -0.85	36.62 1.30 -0.92	34.24 1.23 -0.18	36.49 1.47 -0.57	35.75 1.48 -0.17	35.51 1.82 -0.27	35.63 2.15 0.00	42.65 2.48 -1.27	39.65 2.19 -0.02	52.90 2.58 0.00	57.65 3.31 0.00	50.64 2.77 0.00	45.23 2.28 0.00	45.48 1.94 0.00	42.28 1.83 0.00	39.89 1.91 0.00	37.29 2.01 -0.02	38.94 2.23 0.00	58.88 3.35 0.00	48.82 3.30 0.00	63.67 3.90 0.00	37.13 2.21 0.00	35.95 2.15 -0.28	37.86 1.90 0.00
LIPA_MISC_IPP 23656	33.82 1.10 -0.47	36.24 1.08 -0.76	34.02 1.01 -0.18	36.33 1.32 -0.57	35.58 1.32 -0.17	35.50 1.81 -0.27	35.64 2.16 0.00	42.61 2.44 -1.27	39.41 1.95 -0.02	51.95 1.62 0.00	56.63 2.28 0.00	49.74 1.88 0.00	44.37 1.41 0.00	44.59 1.05 0.00	41.46 1.02 0.00	39.13 1.14 0.00	36.60 1.33 -0.01	38.35 1.64 0.00	58.36 2.84 0.00	48.40 2.88 0.00	62.78 3.01 0.00	36.48 1.57 0.00	35.44 1.64 -0.28	37.18 1.22 0.00
LISF____SOLAR 323691	33.86 1.14 -0.47	36.30 1.13 -0.76	34.07 1.06 -0.18	36.38 1.37 -0.57	35.62 1.36 -0.17	35.55 1.86 -0.27	35.70 2.22 0.00	42.66 2.49 -1.27	39.48 2.02 -0.02	52.02 1.70 0.00	56.70 2.36 0.00	49.82 1.95 0.00	44.43 1.47 0.00	44.65 1.11 0.00	41.52 1.07 0.00	39.18 1.20 0.00	36.66 1.39 -0.01	38.39 1.69 0.00	58.46 2.93 0.00	48.48 2.96 0.00	62.85 3.07 0.00	36.54 1.62 0.00	35.49 1.69 -0.28	37.23 1.27 0.00
LITTLE FALLS____HYD 24013	31.61 -0.64 0.00	33.50 -0.90 0.00	32.01 -0.83 0.00	33.65 -0.79 0.00	33.33 -0.76 0.00	32.83 -0.59 0.00	33.08 -0.40 0.00	38.40 -0.49 0.00	37.05 -0.39 0.00	50.21 -0.11 0.00	54.89 0.54 0.00	48.48 0.61 0.00	43.80 0.84 0.00	44.38 0.84 0.00	41.02 0.58 0.00	38.44 0.46 0.00	35.73 0.46 0.00	37.29 0.58 0.00	56.15 0.62 0.00	46.37 0.85 0.00	60.59 0.81 0.00	35.31 0.39 0.00	33.67 0.15 0.00	35.88 -0.09 0.00
LITTLRIV_115KV_TB1 356100	32.34 0.09 0.00	34.65 0.24 0.00	33.06 0.22 0.00	34.57 0.12 0.00	34.11 0.02 0.00	33.30 -0.12 0.00	33.30 -0.17 0.00	38.81 -0.08 0.00	37.39 -0.06 0.00	50.04 -0.28 0.00	53.78 -0.56 0.00	47.45 -0.42 0.00	42.58 -0.38 0.00	43.26 -0.28 0.00	40.27 -0.18 0.00	37.77 -0.21 0.00	35.00 -0.26 0.00	36.39 -0.32 0.00	55.16 -0.37 0.00	44.91 -0.61 0.00	59.28 -0.49 0.00	34.72 -0.20 0.00	33.61 0.09 0.00	36.18 0.22 0.00

LI_NEWBRDGE___DRP 323616	33.41 0.96 -0.20	35.84 0.78 -0.65	33.76 0.74 -0.18	35.96 0.95 -0.57	35.23 0.97 -0.17	34.96 1.27 -0.27	35.04 1.57 0.00	41.95 1.78 -1.27	39.02 1.56 -0.02	52.20 1.88 0.00	56.82 2.47 0.00	49.90 2.03 0.00	44.63 1.67 0.00	44.89 1.35 0.00	41.70 1.25 0.00	39.32 1.34 0.00	36.70 1.45 0.00	38.37 1.66 0.00	57.97 2.44 0.00	48.05 2.52 0.00	62.72 2.95 0.00	36.63 1.71 0.00	35.45 1.65 -0.28	37.38 1.42 0.00
LOCKPORT_115KV_TB60_63_64 80432	32.24 -0.01 0.00	34.77 0.36 0.00	33.13 0.29 0.00	34.62 0.19 0.00	34.33 0.24 0.00	33.31 -0.12 0.00	32.89 -0.58 0.00	37.77 -1.12 0.00	36.25 -1.19 0.00	48.67 -1.65 0.00	52.26 -2.09 0.00	46.14 -1.73 0.00	41.51 -1.45 0.00	42.26 -1.28 0.00	39.25 -1.20 0.00	36.69 -1.29 0.00	33.90 -1.36 0.00	34.79 -1.92 0.00	52.53 -3.00 0.00	43.25 -2.28 0.00	56.80 -2.97 0.00	32.58 -2.34 0.00	31.63 -1.89 0.00	34.70 -1.26 0.00
LOCKPORT___CC1 323769	32.22 -0.03 0.00	34.71 0.31 0.00	33.12 0.28 0.00	34.62 0.18 0.00	34.32 0.23 0.00	33.28 -0.14 0.00	32.89 -0.59 0.00	37.77 -1.13 0.00	36.23 -1.21 0.00	48.54 -1.69 0.10	52.23 -2.11 0.00	45.04 -1.74 1.09	41.48 -1.47 0.00	42.24 -1.30 0.00	39.25 -1.20 0.00	36.70 -1.29 0.00	33.89 -1.37 0.00	34.80 -1.91 0.00	52.53 -3.00 0.00	43.24 -2.28 0.00	56.76 -3.01 0.00	32.56 -2.35 0.00	31.61 -1.91 0.00	34.69 -1.28 0.00
LOCKPORT___CC2 323770	32.22 -0.03 0.00	34.71 0.31 0.00	33.12 0.28 0.00	34.62 0.18 0.00	34.32 0.23 0.00	33.28 -0.14 0.00	32.89 -0.59 0.00	37.77 -1.13 0.00	36.23 -1.21 0.00	48.54 -1.69 0.10	52.23 -2.11 0.00	45.04 -1.74 1.09	41.48 -1.47 0.00	42.24 -1.30 0.00	39.25 -1.20 0.00	36.70 -1.29 0.00	33.89 -1.37 0.00	34.80 -1.91 0.00	52.53 -3.00 0.00	43.24 -2.28 0.00	56.76 -3.01 0.00	32.56 -2.35 0.00	31.61 -1.91 0.00	34.69 -1.28 0.00
LOCKPORT___CC3 323771	32.22 -0.03 0.00	34.71 0.31 0.00	33.12 0.28 0.00	34.62 0.18 0.00	34.32 0.23 0.00	33.28 -0.14 0.00	32.89 -0.59 0.00	37.77 -1.13 0.00	36.23 -1.21 0.00	48.54 -1.69 0.10	52.23 -2.11 0.00	45.04 -1.74 1.09	41.48 -1.47 0.00	42.24 -1.30 0.00	39.25 -1.20 0.00	36.70 -1.29 0.00	33.89 -1.37 0.00	34.80 -1.91 0.00	52.53 -3.00 0.00	43.24 -2.28 0.00	56.76 -3.01 0.00	32.56 -2.35 0.00	31.61 -1.91 0.00	34.69 -1.28 0.00
LONG_LAKE_PHOENIX 24014	31.99 -0.26 0.00	34.11 -0.30 0.00	32.55 -0.29 0.00	34.16 -0.28 0.00	33.85 -0.24 0.00	33.14 -0.28 0.00	33.12 -0.36 0.00	38.45 -0.44 0.00	37.04 -0.40 0.00	49.91 -0.41 0.00	53.96 -0.39 0.00	47.48 -0.39 0.00	42.58 -0.38 0.00	43.11 -0.43 0.00	40.01 -0.44 0.00	37.55 -0.43 0.00	34.85 -0.41 0.00	36.24 -0.47 0.00	54.75 -0.78 0.00	45.07 -0.45 0.00	59.10 -0.67 0.00	34.40 -0.52 0.00	32.97 -0.56 0.00	35.40 -0.57 0.00
LOVETT___3 23632	33.05 0.61 -0.19	35.52 0.50 -0.61	33.42 0.42 -0.17	35.51 0.53 -0.54	34.81 0.56 -0.16	34.44 0.77 -0.25	34.50 1.03 0.00	41.32 1.23 -1.20	38.68 1.22 -0.02	52.05 1.73 0.00	56.63 2.28 0.00	49.66 1.80 0.00	44.49 1.54 0.00	44.80 1.26 0.00	41.51 1.07 0.00	39.05 1.07 0.00	36.40 1.14 0.00	37.99 1.28 0.00	57.44 1.91 0.00	47.59 2.08 0.00	62.30 2.53 0.00	36.35 1.44 0.00	35.09 1.30 -0.26	37.15 1.19 0.00
LOVETT___4 23642	33.05 0.61 -0.19	35.52 0.50 -0.61	33.42 0.42 -0.17	35.51 0.53 -0.54	34.81 0.56 -0.16	34.44 0.77 -0.25	34.50 1.03 0.00	41.32 1.23 -1.20	38.68 1.22 -0.02	52.05 1.73 0.00	56.63 2.28 0.00	49.66 1.80 0.00	44.49 1.54 0.00	44.80 1.26 0.00	41.51 1.07 0.00	39.05 1.07 0.00	36.40 1.14 0.00	37.99 1.28 0.00	57.44 1.91 0.00	47.59 2.08 0.00	62.30 2.53 0.00	36.35 1.44 0.00	35.09 1.30 -0.26	37.15 1.19 0.00
LOVETT___5 23593	33.05 0.61 -0.19	35.52 0.50 -0.61	33.42 0.42 -0.17	35.51 0.53 -0.54	34.81 0.56 -0.16	34.44 0.77 -0.25	34.50 1.03 0.00	41.32 1.23 -1.20	38.68 1.22 -0.02	52.05 1.73 0.00	56.63 2.28 0.00	49.66 1.80 0.00	44.49 1.54 0.00	44.80 1.26 0.00	41.51 1.07 0.00	39.05 1.07 0.00	36.40 1.14 0.00	37.99 1.28 0.00	57.44 1.91 0.00	47.59 2.08 0.00	62.30 2.53 0.00	36.35 1.44 0.00	35.09 1.30 -0.26	37.15 1.19 0.00
LOWER RAQUET___HYD 24057	31.76 -0.49 0.00	34.02 -0.39 0.00	32.45 -0.38 0.00	33.93 -0.51 0.00	33.48 -0.61 0.00	32.67 -0.75 0.00	32.67 -0.81 0.00	38.08 -0.82 0.00	36.68 -0.77 0.00	49.13 -1.19 0.00	52.83 -1.51 0.00	46.61 -1.25 0.00	41.83 -1.12 0.00	42.48 -1.06 0.00	39.54 -0.91 0.00	37.09 -0.89 0.00	34.35 -0.91 0.00	35.70 -1.01 0.00	54.15 -1.38 0.00	44.07 -1.44 0.00	58.20 -1.57 0.00	34.11 -0.81 0.00	33.03 -0.49 0.00	35.56 -0.40 0.00
LOWER___HUDSON 24059	32.44 0.42 0.24	34.03 0.39 0.78	33.06 0.43 0.21	34.24 0.49 0.68	34.37 0.47 0.20	33.67 0.57 0.32	34.08 0.61 0.00	38.15 0.77 1.51	38.11 0.70 0.03	51.38 1.06 0.00	55.83 1.48 0.00	49.12 1.26 0.00	44.18 1.22 0.00	44.64 1.10 0.00	41.34 0.89 0.00	38.88 0.91 0.00	36.07 0.81 0.00	37.67 0.96 0.00	57.03 1.50 0.00	46.98 1.46 0.00	61.36 1.59 0.00	35.78 0.86 0.00	33.75 0.57 0.34	36.43 0.47 0.00
LOWVILLE_115KV_TB2 356335	32.96 0.70 0.00	35.04 0.64 0.00	33.38 0.54 0.00	35.10 0.66 0.00	34.76 0.66 0.00	33.79 0.37 0.00	33.83 0.36 0.00	39.76 0.87 0.00	38.63 1.19 0.00	52.12 1.80 0.00	56.36 2.01 0.00	49.49 1.62 0.00	44.21 1.25 0.00	44.41 0.88 0.00	41.30 0.85 0.00	38.65 0.67 0.00	35.64 0.38 0.00	36.89 0.18 0.00	55.85 0.32 0.00	46.42 0.90 0.00	61.43 1.66 0.00	35.97 1.05 0.00	34.45 0.94 0.00	36.94 0.98 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	32.86 0.79 0.18	34.67 0.86 0.60	33.51 0.84 0.16	34.80 0.89 0.53	34.86 0.92 0.15	34.17 1.00 0.25	34.56 1.09 0.00	39.06 1.33 1.17	38.73 1.31 0.02	52.25 1.93 0.00	56.73 2.39 0.00	49.95 2.08 0.00	44.90 1.95 0.00	45.37 1.83 0.00	42.04 1.59 0.00	39.51 1.53 0.00	36.70 1.44 0.00	38.35 1.64 0.00	58.03 2.50 0.00	47.86 2.34 0.00	62.49 2.72 0.00	36.40 1.48 0.00	34.45 1.20 0.26	37.11 1.15 0.00
LUTHERNY_35_KV_BK2 355980	32.89 0.81 0.18	34.70 0.89 0.60	33.53 0.86 0.16	34.83 0.92 0.53	34.88 0.94 0.15	34.20 1.03 0.25	34.59 1.12 0.00	39.08 1.36 1.17	38.75 1.33 0.02	52.28 1.96 0.00	56.77 2.43 0.00	49.98 2.12 0.00	44.93 1.98 0.00	45.41 1.87 0.00	42.07 1.62 0.00	39.55 1.56 0.00	36.74 1.48 0.00	38.39 1.68 0.00	58.07 2.54 0.00	47.89 2.37 0.00	62.55 2.77 0.00	36.43 1.51 0.00	34.48 1.22 0.26	37.13 1.17 0.00
LWR___OSWEGATCHIE_HYD 23850	32.00 -0.26 0.00	34.14 -0.27 0.00	32.54 -0.29 0.00	34.13 -0.31 0.00	33.74 -0.35 0.00	32.88 -0.54 0.00	32.90 -0.57 0.00	38.52 -0.37 0.00	37.27 -0.17 0.00	50.13 -0.20 0.00	54.07 -0.27 0.00	47.59 -0.28 0.00	42.60 -0.35 0.00	43.00 -0.54 0.00	39.99 -0.46 0.00	37.46 -0.52 0.00	34.61 -0.65 0.00	35.88 -0.83 0.00	54.38 -1.15 0.00	44.80 -0.72 0.00	59.23 -0.54 0.00	34.69 -0.22 0.00	33.40 -0.12 0.00	35.87 -0.10 0.00

LYONS_FALL_HYD 23570	33.01 0.75 0.00	35.11 0.70 0.00	33.46 0.62 0.00	35.17 0.73 0.00	34.84 0.75 0.00	33.98 0.56 0.00	34.05 0.58 0.00	39.88 0.99 0.00	38.61 1.17 0.00	52.11 1.79 0.00	56.36 2.01 0.00	49.53 1.66 0.00	44.30 1.34 0.00	44.62 1.08 0.00	41.48 1.03 0.00	38.85 0.86 0.00	35.92 0.66 0.00	37.27 0.56 0.00	56.40 0.87 0.00	46.70 1.17 0.00	61.57 1.80 0.00	35.99 1.07 0.00	34.45 0.93 0.00	36.93 0.96 0.00
MADISON___COUNTY_LFGE 323628	33.20 0.94 0.00	35.34 0.93 0.00	33.74 0.90 0.00	35.43 0.99 0.00	35.14 1.05 0.00	34.42 1.00 0.00	34.53 1.05 0.00	40.20 1.31 0.00	38.78 1.34 0.00	52.33 2.01 0.00	56.62 2.27 0.00	49.78 1.92 0.00	44.57 1.61 0.00	45.07 1.53 0.00	41.85 1.40 0.00	39.26 1.28 0.00	36.45 1.19 0.00	37.89 1.18 0.00	57.30 1.78 0.00	47.24 1.72 0.00	61.99 2.21 0.00	36.08 1.16 0.00	34.51 0.99 0.00	37.00 1.04 0.00
MALONE___115KV_TB1 356076	33.37 1.11 0.00	35.71 1.30 0.00	33.98 1.15 0.00	35.46 1.02 0.00	34.92 0.83 0.00	33.94 0.52 0.00	33.97 0.49 0.00	39.56 0.67 0.00	38.08 0.64 0.00	51.07 0.74 0.00	55.14 0.79 0.00	48.73 0.87 0.00	43.77 0.81 0.00	44.31 0.77 0.00	41.14 0.69 0.00	38.66 0.68 0.00	35.91 0.65 0.00	37.44 0.73 0.00	56.82 1.29 0.00	46.13 0.61 0.00	60.72 0.95 0.00	35.61 0.70 0.00	34.63 1.11 0.00	37.34 1.38 0.00
MAPLEWOD_115KV_TB3 80458	32.69 0.61 0.18	34.35 0.54 0.59	33.24 0.57 0.16	34.54 0.63 0.52	34.56 0.62 0.15	33.90 0.72 0.24	34.20 0.72 0.00	38.65 0.91 1.16	38.29 0.87 0.02	51.64 1.31 0.00	56.02 1.67 0.00	49.28 1.42 0.00	44.31 1.35 0.00	44.77 1.23 0.00	41.49 1.04 0.00	39.01 1.03 0.00	36.21 0.95 0.00	37.81 1.10 0.00	57.17 1.64 0.00	47.05 1.53 0.00	61.54 1.77 0.00	35.88 0.96 0.00	33.98 0.72 0.26	36.59 0.63 0.00
MAPLE_RIDGE_WT_1 323574	32.19 -0.07 0.00	34.37 -0.04 0.00	32.82 -0.02 0.00	34.37 -0.07 0.00	33.89 -0.20 0.00	33.09 -0.33 0.00	33.17 -0.30 0.00	38.66 -0.23 0.00	37.28 -0.16 0.00	50.07 -0.26 0.00	53.97 -0.37 0.00	47.59 -0.28 0.00	42.72 -0.23 0.00	43.30 -0.24 0.00	40.27 -0.17 0.00	37.72 -0.27 0.00	34.87 -0.39 0.00	36.23 -0.47 0.00	54.82 -0.71 0.00	44.92 -0.60 0.00	59.29 -0.48 0.00	34.73 -0.18 0.00	33.39 -0.13 0.00	35.93 -0.04 0.00
MAPLE_RIDGE_WT_2 323611	32.19 -0.07 0.00	34.37 -0.04 0.00	32.82 -0.02 0.00	34.37 -0.07 0.00	33.89 -0.20 0.00	33.09 -0.33 0.00	33.17 -0.30 0.00	38.66 -0.23 0.00	37.28 -0.16 0.00	50.07 -0.26 0.00	53.97 -0.37 0.00	47.59 -0.28 0.00	42.72 -0.23 0.00	43.30 -0.24 0.00	40.27 -0.17 0.00	37.72 -0.27 0.00	34.87 -0.39 0.00	36.23 -0.47 0.00	54.82 -0.71 0.00	44.92 -0.60 0.00	59.29 -0.48 0.00	34.73 -0.18 0.00	33.39 -0.13 0.00	35.93 -0.04 0.00
MARBLE_RIVER_WT_PWR 323696	33.25 0.99 0.00	35.56 1.16 0.00	33.82 0.98 0.00	35.24 0.80 0.00	34.69 0.60 0.00	33.64 0.22 0.00	33.67 0.19 0.00	39.19 0.29 0.00	37.66 0.22 0.00	50.48 0.15 0.00	54.60 0.25 0.00	48.30 0.44 0.00	43.38 0.42 0.00	43.88 0.35 0.00	40.70 0.25 0.00	38.28 0.30 0.00	35.55 0.30 0.00	37.14 0.43 0.00	56.36 0.82 0.00	45.74 0.22 0.00	60.13 0.36 0.00	35.30 0.38 0.00	34.43 0.91 0.00	37.18 1.22 0.00
MARSHVLE_115KV_TB1 80742	34.38 2.22 0.10	36.46 2.38 0.32	34.87 2.12 0.09	36.32 2.17 0.28	36.23 2.22 0.08	35.38 2.09 0.13	35.47 2.00 0.00	40.66 2.40 0.63	39.94 2.51 0.01	53.82 3.49 0.00	58.20 3.86 0.00	51.37 3.51 0.00	46.44 3.49 0.00	47.32 3.78 0.00	43.89 3.44 0.00	41.07 3.09 0.00	38.17 2.92 0.00	39.59 2.89 0.00	59.70 4.18 0.00	48.77 3.25 0.00	64.32 4.55 0.00	37.51 2.59 0.00	35.92 2.60 0.20	39.05 3.09 0.00
MARSH_HILL_WT_PWR 323713	32.49 0.23 0.00	35.12 0.72 0.00	33.48 0.65 0.00	35.48 1.04 0.00	35.44 1.35 0.00	34.64 1.22 0.00	34.90 1.42 0.00	40.58 1.69 0.00	38.81 1.37 0.00	52.34 1.97 -0.05	56.31 1.97 0.00	50.08 1.69 -0.52	44.26 1.31 0.00	44.68 1.14 0.00	41.45 1.00 0.00	38.98 1.00 0.00	36.19 0.93 0.00	37.50 0.79 0.00	56.40 0.87 0.00	46.71 1.19 0.00	61.11 1.34 0.00	35.37 0.45 0.00	33.72 0.20 0.00	36.29 0.33 0.00
MCINTYRE_115KV_TB2 80467	32.73 0.47 0.00	35.09 0.68 0.00	33.49 0.65 0.00	35.01 0.57 0.00	34.54 0.45 0.00	33.74 0.32 0.00	33.74 0.27 0.00	39.30 0.40 0.00	37.84 0.40 0.00	50.63 0.31 0.00	54.36 0.01 0.00	47.96 0.09 0.00	43.04 0.09 0.00	43.76 0.22 0.00	40.73 0.28 0.00	38.21 0.23 0.00	35.41 0.15 0.00	36.82 0.10 0.00	55.78 0.24 0.00	45.41 -0.11 0.00	59.98 0.21 0.00	35.11 0.20 0.00	34.00 0.48 0.00	36.61 0.65 0.00
MECO_____69_KV_BK1 80468	35.58 3.44 0.11	37.65 3.60 0.36	36.04 3.30 0.10	37.54 3.42 0.32	37.47 3.47 0.09	36.66 3.39 0.15	36.86 3.38 0.00	42.32 4.13 0.70	41.71 4.28 0.01	56.36 6.03 0.00	61.05 6.71 0.00	53.89 6.02 0.00	48.64 5.69 0.00	49.37 5.83 0.00	45.75 5.31 0.00	42.85 4.87 0.00	39.89 4.63 0.00	41.56 4.85 0.00	62.64 7.11 0.00	51.38 5.85 0.00	67.59 7.82 0.00	39.26 4.35 0.00	37.42 4.10 0.20	40.46 4.49 0.00
MENANDS___115KV_TB5 355628	32.61 0.53 0.18	34.28 0.47 0.59	33.16 0.49 0.16	34.46 0.55 0.52	34.49 0.54 0.15	33.83 0.66 0.24	34.13 0.66 0.00	38.57 0.83 1.16	38.20 0.78 0.02	51.49 1.16 0.00	55.87 1.53 0.00	49.14 1.27 0.00	44.17 1.22 0.00	44.63 1.09 0.00	41.36 0.91 0.00	38.89 0.91 0.00	36.10 0.84 0.00	37.69 0.98 0.00	56.99 1.46 0.00	46.91 1.39 0.00	61.35 1.58 0.00	35.78 0.86 0.00	33.88 0.62 0.26	36.50 0.53 0.00
MG INDUSTRY___DRP 24185	32.81 0.66 0.10	34.70 0.61 0.32	33.37 0.62 0.09	34.85 0.69 0.28	34.70 0.69 0.08	34.05 0.76 0.13	34.26 0.78 0.00	39.20 0.93 0.62	38.34 0.91 0.01	51.64 1.32 0.00	55.95 1.61 0.00	49.20 1.33 0.00	44.20 1.25 0.00	44.66 1.12 0.00	41.41 0.97 0.00	38.94 0.96 0.00	36.12 0.86 0.00	37.71 1.00 0.00	57.03 1.50 0.00	46.92 1.40 0.00	61.42 1.65 0.00	35.82 0.90 0.00	34.09 0.71 0.14	36.63 0.67 0.00
MID___OSWEGATCHIE_HYD 23849	32.00 -0.26 0.00	34.14 -0.27 0.00	32.54 -0.29 0.00	34.13 -0.31 0.00	33.74 -0.35 0.00	32.88 -0.54 0.00	32.90 -0.57 0.00	38.52 -0.37 0.00	37.27 -0.17 0.00	50.13 -0.20 0.00	54.07 -0.27 0.00	47.59 -0.28 0.00	42.60 -0.35 0.00	43.00 -0.54 0.00	39.99 -0.46 0.00	37.46 -0.52 0.00	34.61 -0.65 0.00	35.88 -0.83 0.00	54.38 -1.15 0.00	44.80 -0.72 0.00	59.23 -0.54 0.00	34.69 -0.22 0.00	33.40 -0.12 0.00	35.87 -0.10 0.00
MID___RAQUETTE_HYD 23851	31.76 -0.49 0.00	34.02 -0.39 0.00	32.45 -0.38 0.00	33.93 -0.51 0.00	33.48 -0.61 0.00	32.67 -0.75 0.00	32.66 -0.81 0.00	38.08 -0.82 0.00	36.68 -0.76 0.00	49.13 -1.19 0.00	52.83 -1.51 0.00	46.61 -1.25 0.00	41.83 -1.12 0.00	42.48 -1.06 0.00	39.54 -0.91 0.00	37.09 -0.89 0.00	34.35 -0.91 0.00	35.70 -1.01 0.00	54.15 -1.38 0.00	44.08 -1.44 0.00	58.19 -1.58 0.00	34.11 -0.81 0.00	33.02 -0.49 0.00	35.56 -0.40 0.00

MILLIKEN___1 23584	33.02 0.77 0.00	35.18 0.78 0.00	33.54 0.71 0.00	35.22 0.78 0.00	35.02 0.92 0.00	34.32 0.90 0.00	34.40 0.92 0.00	39.98 1.09 0.00	38.48 1.04 0.00	51.90 1.58 0.00	56.16 1.81 0.00	49.35 1.48 0.00	44.24 1.28 0.00	44.75 1.21 0.00	41.51 1.06 0.00	38.98 1.00 0.00	36.21 0.95 0.00	37.62 0.91 0.00	56.81 1.28 0.00	46.83 1.30 0.00	61.37 1.60 0.00	35.67 0.75 0.00	34.14 0.62 0.00	36.71 0.74 0.00
MILLIKEN___2 23585	33.02 0.77 0.00	35.18 0.78 0.00	33.54 0.71 0.00	35.22 0.78 0.00	35.02 0.92 0.00	34.32 0.90 0.00	34.40 0.92 0.00	39.98 1.09 0.00	38.48 1.04 0.00	51.90 1.58 0.00	56.16 1.81 0.00	49.35 1.48 0.00	44.24 1.28 0.00	44.75 1.21 0.00	41.51 1.06 0.00	38.98 1.00 0.00	36.21 0.95 0.00	37.62 0.91 0.00	56.81 1.28 0.00	46.83 1.30 0.00	61.37 1.60 0.00	35.67 0.75 0.00	34.14 0.62 0.00	36.71 0.74 0.00
MILLIKEN___DIESEL 23629	33.02 0.77 0.00	35.18 0.78 0.00	33.54 0.71 0.00	35.22 0.78 0.00	35.02 0.92 0.00	34.32 0.90 0.00	34.40 0.92 0.00	39.98 1.09 0.00	38.48 1.04 0.00	51.90 1.58 0.00	56.16 1.81 0.00	49.35 1.48 0.00	44.24 1.28 0.00	44.75 1.21 0.00	41.51 1.06 0.00	38.98 1.00 0.00	36.21 0.95 0.00	37.62 0.91 0.00	56.81 1.28 0.00	46.83 1.30 0.00	61.37 1.60 0.00	35.67 0.75 0.00	34.14 0.62 0.00	36.71 0.74 0.00
MILLSEAT___LFGE 323607	32.77 0.52 0.00	35.26 0.85 0.00	33.62 0.79 0.00	35.16 0.72 0.00	34.87 0.78 0.00	33.86 0.44 0.00	33.52 0.05 0.00	38.58 -0.32 0.00	37.06 -0.38 0.00	49.74 -0.50 0.09	53.55 -0.79 0.00	46.28 -0.62 0.98	42.48 -0.48 0.00	43.20 -0.34 0.00	40.07 -0.38 0.00	37.43 -0.55 0.00	34.57 -0.69 0.00	35.54 -1.17 0.00	53.66 -1.87 0.00	44.26 -1.26 0.00	58.15 -1.62 0.00	33.37 -1.54 0.00	32.34 -1.17 0.00	35.37 -0.59 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	33.13 0.68 -0.20	35.61 0.55 -0.65	33.49 0.48 -0.17	35.58 0.57 -0.57	34.86 0.60 -0.16	34.51 0.82 -0.27	34.55 1.08 0.00	41.43 1.28 -1.26	38.72 1.26 -0.02	52.09 1.77 0.00	56.67 2.32 0.00	49.71 1.85 0.00	44.55 1.59 0.00	44.87 1.33 0.00	41.58 1.13 0.00	39.13 1.15 0.00	36.47 1.21 0.00	38.07 1.36 0.00	57.53 2.00 0.00	47.66 2.13 0.00	62.35 2.58 0.00	36.40 1.48 0.00	35.15 1.35 -0.28	37.18 1.22 0.00
MILLWOOD_13_KV_LOAD 356217	33.21 0.76 -0.20	35.69 0.64 -0.65	33.56 0.55 -0.17	35.67 0.66 -0.57	34.95 0.69 -0.16	34.60 0.91 -0.27	34.64 1.17 0.00	41.54 1.39 -1.26	38.83 1.37 -0.02	52.24 1.92 0.00	56.84 2.49 0.00	49.86 1.99 0.00	44.68 1.72 0.00	45.00 1.46 0.00	41.70 1.25 0.00	39.25 1.26 0.00	36.58 1.33 0.00	38.18 1.47 0.00	57.70 2.17 0.00	47.79 2.27 0.00	62.55 2.77 0.00	36.50 1.58 0.00	35.24 1.44 -0.28	37.28 1.32 0.00
MODEL_CITY_ENERGY 24167	31.89 -0.36 0.00	34.34 -0.06 0.00	32.77 -0.06 0.00	34.24 -0.19 0.00	33.94 -0.15 0.00	32.94 -0.48 0.00	32.50 -0.97 0.00	37.31 -1.59 0.00	35.78 -1.66 0.00	47.92 -2.31 0.10	51.55 -2.79 0.00	44.39 -2.34 1.13	40.99 -1.97 0.00	41.73 -1.81 0.00	38.79 -1.66 0.00	36.28 -1.70 0.00	33.51 -1.75 0.00	34.39 -2.31 0.00	51.91 -3.62 0.00	42.70 -2.83 0.00	56.05 -3.72 0.00	32.16 -2.76 0.00	31.24 -2.28 0.00	34.30 -1.66 0.00
MODERN_LFGE___ 323580	31.89 -0.36 0.00	34.34 -0.06 0.00	32.77 -0.06 0.00	34.24 -0.19 0.00	33.94 -0.15 0.00	32.94 -0.48 0.00	32.50 -0.97 0.00	37.31 -1.59 0.00	35.78 -1.66 0.00	47.92 -2.31 0.10	51.55 -2.79 0.00	44.39 -2.34 1.13	40.99 -1.97 0.00	41.73 -1.81 0.00	38.79 -1.66 0.00	36.28 -1.70 0.00	33.51 -1.75 0.00	34.39 -2.31 0.00	51.91 -3.62 0.00	42.70 -2.83 0.00	56.05 -3.72 0.00	32.16 -2.76 0.00	31.24 -2.28 0.00	34.30 -1.66 0.00
MOHAWK_PAPER___DRP 24187	32.69 0.61 0.18	34.35 0.54 0.59	33.24 0.57 0.16	34.54 0.63 0.52	34.56 0.62 0.15	33.90 0.72 0.24	34.20 0.72 0.00	38.65 0.91 1.16	38.29 0.87 0.02	51.64 1.31 0.00	56.02 1.67 0.00	49.28 1.42 0.00	44.31 1.35 0.00	44.77 1.23 0.00	41.49 1.04 0.00	39.01 1.03 0.00	36.21 0.95 0.00	37.81 1.10 0.00	57.17 1.64 0.00	47.05 1.53 0.00	61.54 1.77 0.00	35.88 0.96 0.00	33.98 0.72 0.26	36.59 0.63 0.00
MOHICAN___35_KV_115KV_LD 80490	32.75 0.68 0.18	34.77 0.95 0.59	33.58 0.91 0.16	34.82 0.90 0.52	34.96 1.02 0.15	34.26 1.09 0.24	34.73 1.26 0.00	39.32 1.57 1.14	38.99 1.57 0.02	52.69 2.37 0.00	57.29 2.95 0.00	50.45 2.59 0.00	45.34 2.38 0.00	45.80 2.26 0.00	42.41 1.96 0.00	39.87 1.89 0.00	37.05 1.79 0.00	38.78 2.07 0.00	58.80 3.27 0.00	48.61 3.09 0.00	63.24 3.47 0.00	36.80 1.88 0.00	34.77 1.51 0.26	37.42 1.46 0.00
MONGAUP___HYD 23641	33.04 0.62 -0.16	35.47 0.52 -0.54	33.43 0.44 -0.15	35.45 0.54 -0.48	34.94 0.71 -0.14	34.40 0.76 -0.22	34.45 0.97 0.00	41.14 1.19 -1.06	38.67 1.21 -0.02	52.07 1.74 0.00	56.57 2.22 0.00	49.67 1.81 0.00	44.76 1.80 0.00	44.90 1.36 0.00	41.35 0.91 0.00	38.89 0.91 0.00	36.18 0.92 0.00	37.77 1.06 0.00	57.83 2.30 0.00	47.63 2.11 0.00	62.58 2.81 0.00	36.35 1.44 0.00	34.98 1.23 -0.23	37.07 1.11 0.00
MONTAUK___DIESEL 23721	34.65 1.93 -0.47	37.10 1.93 -0.76	34.79 1.78 -0.18	36.83 1.81 -0.57	35.89 1.63 -0.17	35.85 2.16 -0.27	36.03 2.56 0.00	43.07 2.90 -1.27	39.88 2.42 -0.02	52.36 2.03 0.00	57.19 2.84 0.00	50.19 2.33 0.00	44.76 1.81 0.00	45.00 1.46 0.00	41.83 1.39 0.00	39.46 1.47 0.00	36.97 1.70 -0.01	39.22 2.51 0.00	60.20 4.67 0.00	49.89 4.37 0.00	64.57 4.80 0.00	36.87 1.95 0.00	35.85 2.05 -0.28	37.46 1.50 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	33.58 1.32 0.00	36.13 1.72 0.00	34.36 1.52 0.00	36.08 1.65 0.00	35.85 1.75 0.00	34.76 1.34 0.00	34.61 1.14 0.00	39.92 1.02 0.00	38.15 0.71 0.00	51.51 1.18 0.00	55.37 1.02 0.00	48.87 1.01 0.00	43.75 0.79 0.00	44.36 0.82 0.00	41.22 0.77 0.00	38.52 0.54 0.00	35.65 0.39 0.00	36.65 -0.05 0.00	55.40 -0.13 0.00	45.84 0.32 0.00	60.07 0.29 0.00	34.54 -0.38 0.00	33.20 -0.32 0.00	36.33 0.36 0.00
MORTIMER_115KV_TB3 55949	32.43 0.17 0.00	34.82 0.41 0.00	33.18 0.34 0.00	34.74 0.30 0.00	34.45 0.35 0.00	33.54 0.12 0.00	33.38 -0.10 0.00	38.61 -0.28 0.00	37.13 -0.31 0.00	49.96 -0.37 0.00	53.85 -0.50 0.00	47.46 -0.41 0.00	42.62 -0.33 0.00	43.29 -0.25 0.00	40.19 -0.25 0.00	37.65 -0.33 0.00	34.84 -0.42 0.00	35.91 -0.80 0.00	54.30 -1.22 0.00	44.73 -0.79 0.00	58.74 -1.04 0.00	33.88 -1.04 0.00	32.66 -0.86 0.00	35.42 -0.55 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	33.28 0.83 -0.20	35.76 0.70 -0.65	33.63 0.62 -0.18	35.71 0.70 -0.57	35.00 0.74 -0.17	34.67 0.98 -0.27	34.72 1.24 0.00	41.61 1.44 -1.27	38.91 1.44 -0.02	52.32 2.00 0.00	56.94 2.59 0.00	49.93 2.07 0.00	44.74 1.79 0.00	45.05 1.51 0.00	41.76 1.31 0.00	39.31 1.33 0.00	36.66 1.40 0.00	38.25 1.54 0.00	57.77 2.24 0.00	47.88 2.36 0.00	62.62 2.85 0.00	36.58 1.66 0.00	35.33 1.53 -0.28	37.35 1.39 0.00

MUNSVILLE_WIND_PWR 323609	34.95 2.69 0.00	36.80 2.39 0.00	35.41 2.58 0.00	37.16 2.72 0.00	37.26 3.17 0.00	36.68 3.25 0.00	36.74 3.27 0.00	43.00 4.11 0.00	41.54 4.10 0.00	56.13 5.78 -0.02	60.68 6.33 0.00	53.53 5.44 -0.23	47.53 4.57 0.00	47.95 4.40 0.00	44.42 3.97 0.00	41.73 3.75 0.00	38.75 3.49 0.00	40.25 3.54 0.00	60.75 5.21 0.00	49.69 4.17 0.00	64.81 5.04 0.00	37.66 2.74 0.00	36.11 2.59 0.00	39.03 3.07 0.00
N SALMON___HYD 24042	33.37 1.11 0.00	35.71 1.30 0.00	33.98 1.15 0.00	35.46 1.02 0.00	34.92 0.83 0.00	33.94 0.52 0.00	33.97 0.49 0.00	39.56 0.66 0.00	38.08 0.64 0.00	51.06 0.74 0.00	55.14 0.79 0.00	48.73 0.86 0.00	43.77 0.80 0.00	44.31 0.77 0.00	41.14 0.69 0.00	38.66 0.68 0.00	35.91 0.65 0.00	37.43 0.73 0.00	56.82 1.29 0.00	46.13 0.61 0.00	60.74 0.96 0.00	35.61 0.70 0.00	34.63 1.11 0.00	37.34 1.38 0.00
N.AKRON___115KV_KNAPP 355671	32.77 0.52 0.00	35.32 0.91 0.00	33.63 0.79 0.00	35.17 0.73 0.00	34.88 0.79 0.00	33.86 0.44 0.00	33.52 0.05 0.00	38.57 -0.33 0.00	37.06 -0.39 0.00	49.81 -0.52 0.00	53.52 -0.83 0.00	47.24 -0.63 0.00	42.46 -0.49 0.00	43.19 -0.35 0.00	40.05 -0.40 0.00	37.42 -0.56 0.00	34.59 -0.67 0.00	35.57 -1.14 0.00	53.65 -1.88 0.00	44.25 -1.27 0.00	58.14 -1.63 0.00	33.35 -1.57 0.00	32.33 -1.19 0.00	35.37 -0.60 0.00
N.BELMOR_69_KV_BK1 55787	35.21 1.25 -1.71	36.74 1.07 -1.27	34.02 1.01 -0.18	36.24 1.23 -0.57	35.51 1.24 -0.18	35.23 1.54 -0.27	35.32 1.84 0.00	42.28 2.11 -1.27	39.35 1.89 -0.02	52.67 2.35 0.00	57.33 2.99 0.00	50.36 2.50 0.00	45.04 2.09 0.00	45.31 1.77 0.00	42.10 1.65 0.00	39.70 1.72 0.00	37.11 1.81 -0.04	38.70 1.99 0.00	58.49 2.96 0.00	48.48 2.97 0.00	63.26 3.48 0.00	36.97 2.05 0.00	35.77 1.97 -0.28	37.71 1.75 0.00
N.E_GEN_SANDY PD 24062	31.04 0.18 1.40	29.88 0.05 4.58	31.67 0.07 1.24	30.56 0.15 4.03	33.07 0.14 1.17	31.82 0.29 1.89	33.87 0.39 0.00	30.46 0.49 8.93	36.37 0.43 1.50	51.01 0.68 0.00	55.05 1.14 0.44	48.81 0.95 0.00	43.88 0.92 0.00	44.29 0.75 0.00	41.00 0.55 0.00	38.59 0.61 0.00	35.59 0.58 0.24	37.41 0.71 0.00	56.66 2.04 0.00	45.54 1.20 1.18	61.00 1.22 0.00	34.15 0.67 1.44	30.99 0.38 2.91	35.69 0.24 0.51
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	33.12 0.67 -0.19	35.59 0.57 -0.61	33.48 0.48 -0.17	35.58 0.60 -0.54	34.87 0.62 -0.16	34.50 0.83 -0.25	34.57 1.10 0.00	41.41 1.32 -1.19	38.76 1.30 -0.02	52.17 1.85 0.00	56.75 2.41 0.00	49.77 1.91 0.00	44.59 1.63 0.00	44.90 1.36 0.00	41.60 1.15 0.00	39.14 1.16 0.00	36.47 1.22 0.00	38.07 1.36 0.00	57.57 2.04 0.00	47.69 2.17 0.00	62.44 2.67 0.00	36.43 1.51 0.00	35.16 1.38 -0.26	37.22 1.26 0.00
N.QUEENS_27_KV_LOAD 356247	33.32 0.86 -0.20	35.83 0.77 -0.65	33.73 0.70 -0.18	35.81 0.80 -0.57	35.13 0.87 -0.17	34.79 1.09 -0.27	34.80 1.32 0.00	41.78 1.61 -1.28	39.08 1.62 -0.02	52.58 2.26 0.00	57.26 2.91 0.00	50.16 2.30 0.00	44.97 2.01 0.00	45.23 1.69 0.00	41.91 1.47 0.00	39.48 1.49 0.00	36.78 1.52 0.00	38.40 1.69 0.00	58.01 2.48 0.00	48.12 2.60 0.00	62.95 3.18 0.00	36.79 1.87 0.00	35.52 1.71 -0.29	37.52 1.55 0.00
N.TROY___115KV_TB1 355778	32.44 0.42 0.24	34.02 0.38 0.78	33.05 0.43 0.21	34.24 0.49 0.68	34.37 0.47 0.20	33.67 0.57 0.32	34.09 0.61 0.00	38.15 0.77 1.51	38.11 0.70 0.03	51.38 1.06 0.00	55.83 1.48 0.00	49.12 1.26 0.00	44.18 1.22 0.00	44.64 1.10 0.00	41.34 0.89 0.00	38.89 0.91 0.00	36.07 0.81 0.00	37.67 0.96 0.00	57.03 1.50 0.00	46.98 1.46 0.00	61.37 1.59 0.00	35.78 0.86 0.00	33.75 0.57 0.34	36.43 0.46 0.00
NARROWS_GT1_1 24228	33.48 1.03 -0.20	35.97 0.91 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.93 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.19 0.00	57.14 2.79 0.00	50.08 2.21 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.90 2.37 0.00	48.08 2.56 0.00	62.93 3.16 0.00	36.78 1.86 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
NARROWS_GT1_2 24229	33.48 1.03 -0.20	35.97 0.91 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.93 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.19 0.00	57.14 2.79 0.00	50.08 2.21 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.90 2.37 0.00	48.08 2.56 0.00	62.93 3.16 0.00	36.78 1.86 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
NARROWS_GT1_3 24230	33.48 1.03 -0.20	35.97 0.91 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.93 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.19 0.00	57.14 2.79 0.00	50.08 2.21 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.90 2.37 0.00	48.08 2.56 0.00	62.93 3.16 0.00	36.78 1.86 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
NARROWS_GT1_4 24231	33.48 1.03 -0.20	35.97 0.91 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.93 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.19 0.00	57.14 2.79 0.00	50.08 2.21 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.90 2.37 0.00	48.08 2.56 0.00	62.93 3.16 0.00	36.78 1.86 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
NARROWS_GT1_5 24232	33.48 1.03 -0.20	35.97 0.91 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.93 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.19 0.00	57.14 2.79 0.00	50.08 2.21 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.90 2.37 0.00	48.08 2.56 0.00	62.93 3.16 0.00	36.78 1.86 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
NARROWS_GT1_6 24233	33.48 1.03 -0.20	35.97 0.91 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.93 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.19 0.00	57.14 2.79 0.00	50.08 2.21 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.90 2.37 0.00	48.08 2.56 0.00	62.93 3.16 0.00	36.78 1.86 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
NARROWS_GT1_7 24234	33.48 1.03 -0.20	35.97 0.91 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.93 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.19 0.00	57.14 2.79 0.00	50.08 2.21 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.90 2.37 0.00	48.08 2.56 0.00	62.93 3.16 0.00	36.78 1.86 0.00	35.56 1.76 -0.29	37.57 1.60 0.00

NARROWS_GT1_8 24235	33.48 1.03 -0.20	35.97 0.91 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.93 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.19 0.00	57.14 2.79 0.00	50.08 2.21 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.90 2.37 0.00	48.08 2.56 0.00	62.93 3.16 0.00	36.78 1.86 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
NARROWS_GT2_1 24236	33.48 1.03 -0.20	35.97 0.91 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.93 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.19 0.00	57.14 2.79 0.00	50.08 2.21 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.90 2.37 0.00	48.08 2.56 0.00	62.93 3.16 0.00	36.78 1.86 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
NARROWS_GT2_2 24237	33.48 1.03 -0.20	35.97 0.91 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.93 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.19 0.00	57.14 2.79 0.00	50.08 2.21 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.90 2.37 0.00	48.08 2.56 0.00	62.93 3.16 0.00	36.78 1.86 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
NARROWS_GT2_3 24238	33.48 1.03 -0.20	35.97 0.91 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.93 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.19 0.00	57.14 2.79 0.00	50.08 2.21 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.90 2.37 0.00	48.08 2.56 0.00	62.93 3.16 0.00	36.78 1.86 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
NARROWS_GT2_4 24239	33.48 1.03 -0.20	35.97 0.91 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.93 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.19 0.00	57.14 2.79 0.00	50.08 2.21 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.90 2.37 0.00	48.08 2.56 0.00	62.93 3.16 0.00	36.78 1.86 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
NARROWS_GT2_5 24240	33.48 1.03 -0.20	35.97 0.91 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.93 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.19 0.00	57.14 2.79 0.00	50.08 2.21 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.90 2.37 0.00	48.08 2.56 0.00	62.93 3.16 0.00	36.78 1.86 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
NARROWS_GT2_6 24241	33.48 1.03 -0.20	35.97 0.91 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.93 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.19 0.00	57.14 2.79 0.00	50.08 2.21 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.90 2.37 0.00	48.08 2.56 0.00	62.93 3.16 0.00	36.78 1.86 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
NARROWS_GT2_7 24242	33.48 1.03 -0.20	35.97 0.91 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.93 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.19 0.00	57.14 2.79 0.00	50.08 2.21 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.90 2.37 0.00	48.08 2.56 0.00	62.93 3.16 0.00	36.78 1.86 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
NARROWS_GT2_8 24243	33.48 1.03 -0.20	35.97 0.91 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.93 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.19 0.00	57.14 2.79 0.00	50.08 2.21 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.90 2.37 0.00	48.08 2.56 0.00	62.93 3.16 0.00	36.78 1.86 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	33.85 1.66 0.06	35.90 1.69 0.20	34.43 1.65 0.05	36.04 1.78 0.18	35.76 1.72 0.05	35.13 1.79 0.08	35.24 1.76 0.00	40.72 2.22 0.39	39.67 2.23 0.01	53.53 3.20 0.00	58.04 3.69 0.00	51.04 3.18 0.00	45.89 2.94 0.00	46.31 2.77 0.00	42.94 2.49 0.00	40.37 2.39 0.00	37.73 2.47 0.00	39.42 2.72 0.00	59.41 3.88 0.00	48.69 3.17 0.00	63.65 3.87 0.00	37.01 2.09 0.00	35.17 1.73 0.09	37.66 1.70 0.00
NCHELSEA_115KV_TR2 355582	33.20 0.78 -0.16	35.61 0.67 -0.53	33.58 0.60 -0.14	35.60 0.69 -0.47	34.96 0.73 -0.13	34.56 0.92 -0.22	34.62 1.15 0.00	41.31 1.38 -1.03	38.84 1.39 -0.02	52.32 1.99 0.00	56.89 2.55 0.00	49.98 2.11 0.00	44.82 1.86 0.00	45.18 1.64 0.00	41.89 1.44 0.00	39.43 1.44 0.00	36.79 1.53 0.00	38.39 1.69 0.00	57.93 2.40 0.00	47.87 2.35 0.00	62.61 2.84 0.00	36.51 1.60 0.00	35.14 1.40 -0.23	37.25 1.29 0.00
NEG CAPITAL___MECHNVIL 23645	32.84 0.79 0.20	34.59 0.84 0.66	33.47 0.81 0.18	34.73 0.87 0.58	34.81 0.89 0.17	34.12 0.98 0.27	34.54 1.06 0.00	38.91 1.31 1.29	38.70 1.28 0.02	52.23 1.90 0.00	56.73 2.38 0.00	49.95 2.09 0.00	44.91 1.95 0.00	45.39 1.85 0.00	42.03 1.58 0.00	39.51 1.53 0.00	36.70 1.44 0.00	38.36 1.65 0.00	58.00 2.47 0.00	47.82 2.30 0.00	62.48 2.71 0.00	36.38 1.47 0.00	34.40 1.17 0.29	37.06 1.10 0.00
NEG CENTRAL_HIGH_ACRES 23767	31.79 -0.47 0.00	34.08 -0.33 0.00	32.50 -0.34 0.00	34.04 -0.40 0.00	33.74 -0.35 0.00	32.92 -0.50 0.00	32.80 -0.68 0.00	38.00 -0.89 0.00	36.56 -0.88 0.00	49.19 -1.10 0.04	53.12 -1.23 0.00	46.41 -1.06 0.40	42.01 -0.95 0.00	42.62 -0.92 0.00	39.57 -0.88 0.00	37.09 -0.89 0.00	34.36 -0.90 0.00	35.49 -1.22 0.00	53.65 -1.88 0.00	44.15 -1.37 0.00	57.97 -1.80 0.00	33.48 -1.44 0.00	32.23 -1.29 0.00	34.84 -1.12 0.00
NEG CENTRAL___DRP 24199	32.52 0.26 0.00	34.76 0.35 0.00	33.17 0.33 0.00	34.86 0.42 0.00	34.64 0.54 0.00	33.90 0.48 0.00	33.95 0.47 0.00	39.42 0.53 0.00	37.85 0.41 0.00	51.04 0.72 0.00	55.13 0.78 0.00	48.49 0.63 0.00	43.47 0.51 0.00	43.99 0.45 0.00	40.83 0.38 0.00	38.31 0.33 0.00	35.59 0.33 0.00	36.91 0.20 0.00	55.70 0.17 0.00	45.95 0.43 0.00	60.24 0.47 0.00	34.94 0.02 0.00	33.46 -0.06 0.00	35.98 0.02 0.00
NEG CENTRAL___INDECK 23768	33.48 1.22 0.00	35.95 1.54 0.00	34.28 1.44 0.00	36.04 1.61 0.00	35.86 1.76 0.00	35.00 1.58 0.00	35.11 1.64 0.00	40.75 1.85 0.00	39.15 1.71 0.00	52.79 2.43 -0.03	56.86 2.52 0.00	50.39 2.17 -0.35	44.72 1.77 0.00	45.22 1.68 0.00	41.90 1.45 0.00	39.27 1.28 0.00	36.37 1.12 0.00	37.21 0.50 0.00	56.27 0.73 0.00	47.01 1.49 0.00	61.82 2.05 0.00	35.68 0.76 0.00	34.17 0.65 0.00	36.86 0.90 0.00

NEG CENTRAL___SENECA 23627	32.58 0.33 0.00	34.85 0.44 0.00	33.30 0.46 0.00	35.02 0.57 0.00	34.80 0.71 0.00	34.04 0.62 0.00	34.13 0.65 0.00	39.62 0.72 0.00	38.00 0.56 0.00	51.29 0.97 0.00	55.35 1.01 0.00	48.72 0.86 0.00	43.63 0.68 0.00	44.15 0.61 0.00	41.00 0.55 0.00	38.47 0.49 0.00	35.73 0.48 0.00	37.03 0.32 0.00	55.85 0.32 0.00	46.13 0.61 0.00	60.44 0.66 0.00	34.98 0.07 0.00	33.50 -0.02 0.00	36.05 0.09 0.00
NEG CENTRAL___STATE_STREET 24147	32.73 0.48 0.00	34.98 0.57 0.00	33.24 0.40 0.00	34.88 0.43 0.00	34.74 0.64 0.00	34.04 0.62 0.00	34.06 0.58 0.00	39.57 0.67 0.00	37.99 0.55 0.00	51.20 0.88 0.00	55.42 1.08 0.00	48.58 0.71 0.00	43.67 0.71 0.00	44.21 0.67 0.00	40.92 0.47 0.00	38.40 0.42 0.00	35.65 0.39 0.00	37.02 0.32 0.00	55.91 0.37 0.00	46.07 0.55 0.00	60.52 0.75 0.00	35.20 0.28 0.00	33.72 0.20 0.00	36.29 0.32 0.00
NEG MILLWOOD___DRP 24198	33.44 1.01 -0.18	35.90 0.91 -0.59	33.81 0.81 -0.16	35.88 0.92 -0.52	35.19 0.95 -0.15	34.81 1.15 -0.24	34.87 1.39 0.00	41.73 1.69 -1.15	39.16 1.70 -0.02	52.75 2.43 0.00	57.36 3.02 0.00	50.40 2.53 0.00	45.18 2.23 0.00	45.53 1.99 0.00	42.20 1.75 0.00	39.73 1.74 0.00	37.03 1.77 0.00	38.65 1.94 0.00	58.37 2.84 0.00	48.25 2.74 0.00	63.16 3.38 0.00	36.83 1.91 0.00	35.46 1.69 -0.25	37.52 1.56 0.00
NEG NORTH_FLCN_SEA 23793	33.69 1.43 0.00	36.08 1.67 0.00	34.34 1.51 0.00	35.81 1.37 0.00	35.15 1.06 0.00	33.98 0.56 0.00	33.99 0.52 0.00	39.46 0.57 0.00	37.86 0.42 0.00	50.74 0.41 0.00	54.94 0.59 0.00	48.60 0.73 0.00	43.65 0.70 0.00	44.10 0.56 0.00	40.85 0.40 0.00	38.42 0.44 0.00	35.68 0.43 0.00	37.30 0.59 0.00	56.63 1.10 0.00	45.96 0.44 0.00	60.32 0.54 0.00	35.43 0.51 0.00	34.77 1.25 0.00	37.64 1.67 0.00
NEG NORTH_KES_CHATEGAY 23792	33.31 1.05 0.00	35.65 1.25 0.00	33.91 1.08 0.00	35.35 0.91 0.00	34.79 0.70 0.00	33.75 0.33 0.00	33.78 0.30 0.00	39.32 0.42 0.00	37.78 0.34 0.00	50.64 0.32 0.00	54.76 0.41 0.00	48.42 0.56 0.00	43.49 0.54 0.00	44.01 0.47 0.00	40.85 0.40 0.00	38.42 0.44 0.00	35.69 0.43 0.00	37.26 0.55 0.00	56.56 1.03 0.00	45.89 0.37 0.00	60.32 0.55 0.00	35.41 0.50 0.00	34.52 1.00 0.00	37.25 1.29 0.00
NEG NORTH___ALICE_FALLS 23915	33.80 1.55 0.00	36.19 1.78 0.00	34.43 1.60 0.00	35.90 1.46 0.00	35.28 1.19 0.00	34.18 0.76 0.00	34.20 0.73 0.00	39.76 0.86 0.00	38.21 0.77 0.00	51.25 0.93 0.00	55.49 1.15 0.00	49.10 1.24 0.00	44.11 1.15 0.00	44.56 1.02 0.00	41.29 0.85 0.00	38.83 0.85 0.00	36.07 0.81 0.00	37.70 0.99 0.00	57.23 1.70 0.00	46.45 0.93 0.00	60.98 1.21 0.00	35.79 0.87 0.00	34.98 1.46 0.00	37.80 1.84 0.00
NEG NORTH___LWR_SARANAC 23913	33.80 1.55 0.00	36.19 1.78 0.00	34.43 1.60 0.00	35.90 1.46 0.00	35.28 1.19 0.00	34.18 0.76 0.00	34.20 0.73 0.00	39.76 0.86 0.00	38.21 0.77 0.00	51.25 0.93 0.00	55.49 1.15 0.00	49.10 1.24 0.00	44.11 1.15 0.00	44.56 1.02 0.00	41.29 0.85 0.00	38.83 0.85 0.00	36.07 0.81 0.00	37.70 0.99 0.00	57.23 1.70 0.00	46.45 0.93 0.00	60.98 1.21 0.00	35.79 0.87 0.00	34.98 1.46 0.00	37.80 1.84 0.00
NEG NORTH___PLATTSBURG 23628	33.80 1.55 0.00	36.18 1.78 0.00	34.43 1.60 0.00	35.90 1.46 0.00	35.28 1.19 0.00	34.18 0.76 0.00	34.20 0.73 0.00	39.76 0.86 0.00	38.21 0.77 0.00	51.25 0.93 0.00	55.49 1.14 0.00	49.10 1.24 0.00	44.11 1.15 0.00	44.56 1.02 0.00	41.29 0.84 0.00	38.83 0.84 0.00	36.07 0.81 0.00	37.70 0.99 0.00	57.23 1.70 0.00	46.45 0.93 0.00	61.00 1.23 0.00	35.79 0.87 0.00	34.98 1.46 0.00	37.80 1.84 0.00
NEG WEST_LEA_LOCKPORT 23791	32.22 -0.04 0.00	34.76 0.35 0.00	33.12 0.28 0.00	34.62 0.19 0.00	34.31 0.22 0.00	33.28 -0.14 0.00	32.88 -0.60 0.00	37.76 -1.13 0.00	36.23 -1.21 0.00	48.64 -1.69 0.00	52.23 -2.11 0.00	46.13 -1.74 0.00	41.48 -1.47 0.00	42.24 -1.30 0.00	39.24 -1.21 0.00	36.69 -1.29 0.00	33.89 -1.37 0.00	34.79 -1.92 0.00	52.52 -3.01 0.00	43.23 -2.29 0.00	56.77 -3.00 0.00	32.56 -2.35 0.00	31.60 -1.92 0.00	34.68 -1.28 0.00
NEG WEST___LANCASTER 23811	33.23 0.97 0.00	35.79 1.38 0.00	34.08 1.25 0.00	35.74 1.31 0.00	35.45 1.36 0.00	34.40 0.97 0.00	34.19 0.71 0.00	39.33 0.43 0.00	37.66 0.22 0.00	50.71 0.38 0.00	54.48 0.13 0.00	48.28 0.41 0.00	43.28 0.32 0.00	44.00 0.46 0.00	40.92 0.47 0.00	38.29 0.30 0.00	35.45 0.20 0.00	36.46 -0.25 0.00	54.96 -0.57 0.00	45.17 -0.36 0.00	59.26 -0.51 0.00	34.08 -0.84 0.00	32.98 -0.54 0.00	35.99 0.03 0.00
NEG_PENN_ALLEGHNY 23528	32.41 0.15 0.00	34.50 0.09 0.00	32.96 0.12 0.00	34.66 0.22 0.00	34.42 0.33 0.00	33.70 0.28 0.00	33.84 0.37 0.00	39.30 0.41 0.00	37.75 0.30 0.00	50.96 0.60 -0.03	55.03 0.69 0.00	48.79 0.56 -0.37	43.37 0.42 0.00	43.84 0.30 0.00	40.73 0.28 0.00	38.26 0.28 0.00	35.56 0.30 0.00	36.97 0.26 0.00	55.79 0.26 0.00	46.04 0.52 0.00	60.26 0.49 0.00	35.06 0.14 0.00	33.57 0.05 0.00	36.09 0.12 0.00
NEG___GEN_MONROE 24207	32.71 0.45 0.00	35.15 0.74 0.00	33.47 0.64 0.00	35.05 0.61 0.00	34.75 0.66 0.00	33.83 0.41 0.00	33.64 0.17 0.00	38.89 0.00 0.00	37.41 -0.03 0.00	50.31 -0.01 0.00	54.22 -0.13 0.00	47.79 -0.07 0.00	42.92 -0.03 0.00	43.59 0.05 0.00	40.47 0.02 0.00	37.88 -0.11 0.00	35.03 -0.23 0.00	36.07 -0.63 0.00	54.57 -0.96 0.00	44.98 -0.54 0.00	59.09 -0.69 0.00	34.05 -0.87 0.00	32.84 -0.68 0.00	35.65 -0.31 0.00
NEPA___ENERGY 23901	32.32 0.07 0.00	34.67 0.26 0.00	33.02 0.19 0.00	34.79 0.35 0.00	34.61 0.52 0.00	33.57 0.15 0.00	33.60 0.12 0.00	38.73 -0.16 0.00	36.83 -0.61 0.00	49.75 -0.57 0.00	53.47 -0.88 0.00	47.10 -0.76 0.00	42.16 -0.79 0.00	42.68 -0.86 0.00	39.73 -0.72 0.00	37.20 -0.79 0.00	34.51 -0.75 0.00	35.54 -1.17 0.00	53.68 -1.85 0.00	44.51 -1.01 0.00	58.24 -1.53 0.00	33.61 -1.31 0.00	32.38 -1.14 0.00	35.41 -0.55 0.00
NEVERSINK___HYD 23608	32.69 0.31 -0.12	34.96 0.17 -0.38	33.04 0.10 -0.10	34.97 0.19 -0.34	34.42 0.22 -0.10	34.00 0.42 -0.16	34.15 0.67 0.00	40.47 0.83 -0.75	38.33 0.88 -0.01	51.61 1.29 0.00	56.12 1.77 0.00	49.28 1.42 0.00	44.63 1.68 0.00	45.79 2.26 0.00	42.49 2.04 0.00	39.99 2.01 0.00	37.44 2.18 0.00	39.00 2.29 0.00	58.72 3.19 0.00	48.49 2.97 0.00	63.44 3.67 0.00	36.99 2.07 0.00	35.56 1.88 -0.16	37.80 1.83 0.00
NEWKRMKL_115KV_TB1 55635	32.74 0.65 0.16	34.45 0.58 0.54	33.29 0.60 0.15	34.63 0.67 0.47	34.62 0.67 0.14	33.97 0.77 0.22	34.26 0.79 0.00	38.81 0.97 1.05	38.36 0.94 0.02	51.70 1.38 0.00	56.09 1.75 0.00	49.34 1.47 0.00	44.35 1.39 0.00	44.79 1.26 0.00	41.52 1.07 0.00	39.04 1.06 0.00	36.24 0.98 0.00	37.83 1.12 0.00	57.18 1.65 0.00	47.06 1.53 0.00	61.56 1.79 0.00	35.92 1.00 0.00	34.04 0.75 0.23	36.64 0.68 0.00

NEWTON___FALLS_HYD 23847	32.00 -0.26 0.00	34.14 -0.27 0.00	32.54 -0.29 0.00	34.13 -0.31 0.00	33.74 -0.35 0.00	32.88 -0.54 0.00	32.90 -0.57 0.00	38.52 -0.37 0.00	37.27 -0.17 0.00	50.13 -0.20 0.00	54.07 -0.27 0.00	47.59 -0.28 0.00	42.60 -0.35 0.00	43.00 -0.54 0.00	39.99 -0.46 0.00	37.46 -0.52 0.00	34.61 -0.65 0.00	35.88 -0.83 0.00	54.38 -1.15 0.00	44.80 -0.72 0.00	59.23 -0.54 0.00	34.69 -0.22 0.00	33.40 -0.12 0.00	35.87 -0.10 0.00
NGRID_A1_DSASP 323792	31.89 -0.36 0.00	34.41 0.00 0.00	32.81 -0.02 0.00	34.27 -0.16 0.00	33.96 -0.14 0.00	32.91 -0.51 0.00	32.52 -0.95 0.00	37.16 -1.73 0.00	35.59 -1.85 0.00	47.64 -2.57 0.11	51.26 -3.09 0.00	44.13 -2.55 1.18	40.74 -2.22 0.00	41.53 -2.01 0.00	38.63 -1.82 0.00	36.17 -1.81 0.00	33.41 -1.85 0.00	34.28 -2.43 0.00	51.75 -3.78 0.00	42.47 -3.05 0.00	55.76 -4.02 0.00	31.99 -2.93 0.00	31.09 -2.43 0.00	34.14 -1.82 0.00
NGRID_A2_DSASP 323793	31.89 -0.36 0.00	34.41 0.00 0.00	32.81 -0.02 0.00	34.27 -0.16 0.00	33.96 -0.14 0.00	32.91 -0.51 0.00	32.52 -0.95 0.00	37.16 -1.73 0.00	35.59 -1.85 0.00	47.64 -2.57 0.11	51.26 -3.09 0.00	44.13 -2.55 1.18	40.74 -2.22 0.00	41.53 -2.01 0.00	38.63 -1.82 0.00	36.17 -1.81 0.00	33.41 -1.85 0.00	34.28 -2.43 0.00	51.75 -3.78 0.00	42.47 -3.05 0.00	55.76 -4.02 0.00	31.99 -2.93 0.00	31.09 -2.43 0.00	34.14 -1.82 0.00
NGRID_A4_DSASP 323807	31.89 -0.36 0.00	34.41 0.00 0.00	32.81 -0.02 0.00	34.27 -0.16 0.00	33.96 -0.14 0.00	32.91 -0.51 0.00	32.52 -0.95 0.00	37.16 -1.73 0.00	35.59 -1.85 0.00	47.64 -2.57 0.11	51.26 -3.09 0.00	44.13 -2.55 1.18	40.74 -2.22 0.00	41.53 -2.01 0.00	38.63 -1.82 0.00	36.17 -1.81 0.00	33.41 -1.85 0.00	34.28 -2.43 0.00	51.75 -3.78 0.00	42.47 -3.05 0.00	55.76 -4.02 0.00	31.99 -2.93 0.00	31.09 -2.43 0.00	34.14 -1.82 0.00
NIAGARA_115E_LBMP 323715	31.70 -0.56 0.00	34.14 -0.27 0.00	32.58 -0.26 0.00	34.04 -0.40 0.00	33.74 -0.35 0.00	32.74 -0.69 0.00	32.29 -1.19 0.00	37.04 -1.86 0.00	35.51 -1.93 0.00	47.55 -2.67 0.11	51.15 -3.19 0.00	44.01 -2.69 1.16	40.68 -2.27 0.00	41.43 -2.11 0.00	38.52 -1.92 0.00	36.04 -1.94 0.00	33.30 -1.96 0.00	34.16 -2.55 0.00	51.56 -3.97 0.00	42.37 -3.15 0.00	55.63 -4.15 0.00	31.91 -3.01 0.00	31.02 -2.50 0.00	34.08 -1.88 0.00
NIAGARA_115W_LBMP 323714	31.85 -0.41 0.00	34.34 -0.06 0.00	32.76 -0.07 0.00	34.22 -0.21 0.00	33.90 -0.19 0.00	32.86 -0.56 0.00	32.47 -1.00 0.00	37.09 -1.80 0.00	35.51 -1.93 0.00	47.53 -2.68 0.11	51.14 -3.20 0.00	44.05 -2.64 1.18	40.65 -2.30 0.00	41.44 -2.10 0.00	38.55 -1.90 0.00	36.09 -1.90 0.00	33.34 -1.92 0.00	34.21 -2.50 0.00	51.64 -3.89 0.00	42.38 -3.14 0.00	55.63 -4.14 0.00	31.92 -3.00 0.00	31.02 -2.50 0.00	34.07 -1.90 0.00
NIAGARA_230_LBMP 323716	31.87 -0.38 0.00	34.36 -0.05 0.00	32.77 -0.07 0.00	34.25 -0.18 0.00	33.94 -0.15 0.00	32.91 -0.51 0.00	32.54 -0.93 0.00	37.39 -1.50 0.00	35.84 -1.60 0.00	48.00 -2.22 0.11	51.66 -2.68 0.00	44.45 -2.25 1.16	41.04 -1.92 0.00	41.81 -1.73 0.00	38.91 -1.54 0.00	36.42 -1.57 0.00	33.65 -1.61 0.00	34.55 -2.16 0.00	52.13 -3.40 0.00	42.82 -2.70 0.00	56.20 -3.57 0.00	32.26 -2.66 0.00	31.32 -2.20 0.00	34.34 -1.62 0.00
NIAGARA___115KV_198_GIBSON 55903	31.84 -0.41 0.00	34.39 -0.02 0.00	32.76 -0.07 0.00	34.23 -0.21 0.00	33.90 -0.20 0.00	32.85 -0.57 0.00	32.47 -1.01 0.00	37.08 -1.82 0.00	35.51 -1.93 0.00	47.64 -2.69 0.00	51.14 -3.20 0.00	45.22 -2.64 0.00	40.65 -2.31 0.00	41.44 -2.10 0.00	38.55 -1.90 0.00	36.08 -1.90 0.00	33.34 -1.92 0.00	34.21 -2.50 0.00	51.64 -3.89 0.00	42.38 -3.14 0.00	55.65 -4.13 0.00	31.92 -3.00 0.00	31.02 -2.50 0.00	34.07 -1.90 0.00
NIAGARA____ 23760	31.87 -0.38 0.00	34.36 -0.05 0.00	32.77 -0.07 0.00	34.25 -0.18 0.00	33.94 -0.15 0.00	32.91 -0.51 0.00	32.54 -0.93 0.00	37.39 -1.50 0.00	35.84 -1.60 0.00	48.00 -2.22 0.11	51.66 -2.68 0.00	44.45 -2.25 1.17	41.04 -1.92 0.00	41.81 -1.73 0.00	38.91 -1.54 0.00	36.42 -1.57 0.00	33.65 -1.61 0.00	34.55 -2.16 0.00	52.13 -3.40 0.00	42.82 -2.70 0.00	56.20 -3.57 0.00	32.26 -2.66 0.00	31.32 -2.20 0.00	34.34 -1.62 0.00
NINE_MILE_1 23575	31.67 -0.59 0.00	33.78 -0.63 0.00	32.23 -0.60 0.00	33.82 -0.62 0.00	33.53 -0.57 0.00	32.80 -0.63 0.00	32.77 -0.71 0.00	38.04 -0.86 0.00	36.62 -0.82 0.00	49.30 -1.03 0.00	53.27 -1.08 0.00	46.90 -0.97 0.00	42.08 -0.87 0.00	42.62 -0.92 0.00	39.57 -0.88 0.00	37.15 -0.84 0.00	34.47 -0.78 0.00	35.83 -0.88 0.00	54.16 -1.37 0.00	44.53 -0.99 0.00	58.41 -1.36 0.00	34.02 -0.90 0.00	32.64 -0.88 0.00	35.06 -0.90 0.00
NINE_MILE_2 23744	31.67 -0.59 0.00	33.79 -0.62 0.00	32.24 -0.60 0.00	33.82 -0.61 0.00	33.53 -0.57 0.00	32.80 -0.62 0.00	32.77 -0.71 0.00	38.05 -0.85 0.00	36.62 -0.82 0.00	49.31 -1.02 0.00	53.28 -1.07 0.00	46.90 -0.97 0.00	42.08 -0.87 0.00	42.62 -0.92 0.00	39.57 -0.88 0.00	37.15 -0.84 0.00	34.48 -0.78 0.00	35.84 -0.87 0.00	54.17 -1.37 0.00	44.54 -0.99 0.00	58.42 -1.35 0.00	34.03 -0.89 0.00	32.64 -0.88 0.00	35.07 -0.89 0.00
NM_CAPITAL___DRP 24208	32.61 0.53 0.18	34.28 0.46 0.59	33.16 0.48 0.16	34.47 0.54 0.52	34.48 0.54 0.15	33.83 0.65 0.24	34.13 0.65 0.00	38.57 0.82 1.15	38.19 0.77 0.02	51.49 1.16 0.00	55.86 1.52 0.00	49.12 1.25 0.00	44.15 1.20 0.00	44.61 1.07 0.00	41.35 0.90 0.00	38.88 0.90 0.00	36.10 0.84 0.00	37.68 0.97 0.00	56.97 1.44 0.00	46.90 1.38 0.00	61.34 1.57 0.00	35.78 0.86 0.00	33.88 0.62 0.26	36.50 0.53 0.00
NM_CENTRAL___DRP 24181	32.22 -0.03 0.00	34.37 -0.03 0.00	32.79 -0.04 0.00	34.42 -0.02 0.00	34.12 0.03 0.00	33.39 -0.03 0.00	33.39 -0.09 0.00	38.77 -0.13 0.00	37.33 -0.11 0.00	50.30 -0.02 0.00	54.38 0.03 0.00	47.87 0.00 0.00	42.92 -0.03 0.00	43.45 -0.09 0.00	40.33 -0.12 0.00	37.86 -0.12 0.00	35.14 -0.11 0.00	36.52 -0.19 0.00	55.18 -0.35 0.00	45.42 -0.09 0.00	59.58 -0.19 0.00	34.65 -0.27 0.00	33.20 -0.32 0.00	35.67 -0.29 0.00
NM_FRONTIER___DRP 24179	31.84 -0.41 0.00	34.39 -0.02 0.00	32.76 -0.07 0.00	34.23 -0.21 0.00	33.90 -0.20 0.00	32.85 -0.57 0.00	32.47 -1.01 0.00	37.08 -1.82 0.00	35.51 -1.93 0.00	47.64 -2.69 0.00	51.14 -3.20 0.00	45.22 -2.64 0.00	40.65 -2.31 0.00	41.44 -2.10 0.00	38.55 -1.90 0.00	36.08 -1.90 0.00	33.34 -1.92 0.00	34.21 -2.50 0.00	51.64 -3.89 0.00	42.38 -3.14 0.00	55.65 -4.13 0.00	31.92 -3.00 0.00	31.02 -2.50 0.00	34.07 -1.90 0.00
NM_ST_REGIS___HYD 24053	32.22 -0.03 0.00	34.50 0.09 0.00	32.89 0.05 0.00	34.36 -0.08 0.00	33.89 -0.20 0.00	33.02 -0.40 0.00	33.02 -0.46 0.00	38.48 -0.41 0.00	37.07 -0.37 0.00	49.66 -0.66 0.00	53.47 -0.88 0.00	47.19 -0.67 0.00	42.36 -0.59 0.00	42.98 -0.56 0.00	39.98 -0.47 0.00	37.53 -0.45 0.00	34.78 -0.48 0.00	36.18 -0.53 0.00	54.88 -0.65 0.00	44.63 -0.89 0.00	58.89 -0.88 0.00	34.53 -0.39 0.00	33.47 -0.05 0.00	36.06 0.09 0.00

NORTHPORT___1 23551	33.87 1.19 -0.43	36.17 1.02 -0.74	33.99 0.98 -0.18	36.32 1.31 -0.57	35.58 1.32 -0.17	35.37 1.67 -0.27	35.47 1.99 0.00	42.45 2.28 -1.27	39.28 1.82 -0.02	52.32 2.00 0.00	56.98 2.64 0.00	50.06 2.19 0.00	44.60 1.64 0.00	44.76 1.22 0.00	41.67 1.22 0.00	39.31 1.33 0.00	36.73 1.47 -0.01	38.42 1.71 0.00	58.14 2.61 0.00	48.22 2.70 0.00	62.88 3.11 0.00	36.63 1.71 0.00	35.51 1.71 -0.28	37.36 1.39 0.00
NORTHPORT___2 23552	33.87 1.19 -0.43	36.17 1.02 -0.74	33.99 0.98 -0.18	36.32 1.31 -0.57	35.58 1.32 -0.17	35.37 1.67 -0.27	35.47 1.99 0.00	42.45 2.28 -1.27	39.28 1.82 -0.02	52.32 2.00 0.00	56.98 2.64 0.00	50.06 2.19 0.00	44.60 1.64 0.00	44.76 1.22 0.00	41.67 1.22 0.00	39.31 1.33 0.00	36.73 1.47 -0.01	38.42 1.71 0.00	58.14 2.61 0.00	48.22 2.70 0.00	62.88 3.11 0.00	36.63 1.71 0.00	35.51 1.71 -0.28	37.36 1.39 0.00
NORTHPORT___3 23553	33.45 0.78 -0.42	35.66 0.51 -0.74	33.61 0.59 -0.18	35.88 0.87 -0.57	35.14 0.88 -0.17	34.92 1.23 -0.27	35.02 1.54 0.00	41.85 1.68 -1.27	38.77 1.30 -0.02	51.73 1.41 0.00	56.32 1.98 0.01	49.47 1.61 0.01	44.30 1.35 0.00	44.60 1.06 0.00	41.46 1.01 0.00	39.10 1.12 0.00	36.53 1.27 -0.01	38.20 1.49 0.00	57.78 2.25 0.00	47.91 2.39 0.00	62.50 2.73 0.00	36.46 1.54 0.00	35.30 1.50 -0.28	37.22 1.26 0.00
NORTHPORT___4 23650	33.45 0.78 -0.42	35.66 0.51 -0.74	33.61 0.59 -0.18	35.88 0.87 -0.57	35.14 0.88 -0.17	34.92 1.23 -0.27	35.02 1.54 0.00	41.85 1.68 -1.27	38.77 1.30 -0.02	51.73 1.41 0.00	56.32 1.98 0.01	49.47 1.61 0.01	44.30 1.35 0.00	44.60 1.06 0.00	41.46 1.01 0.00	39.10 1.12 0.00	36.53 1.27 -0.01	38.20 1.49 0.00	57.78 2.25 0.00	47.91 2.39 0.00	62.50 2.73 0.00	36.46 1.54 0.00	35.30 1.50 -0.28	37.22 1.26 0.00
NORTHPORT___IC 23718	33.87 1.19 -0.43	36.17 1.01 -0.74	33.99 0.98 -0.18	36.32 1.31 -0.57	35.58 1.32 -0.17	35.37 1.67 -0.27	35.47 1.99 0.00	42.45 2.28 -1.27	39.28 1.82 -0.02	52.32 2.00 0.00	56.98 2.64 0.00	50.06 2.19 0.00	44.60 1.64 0.00	44.76 1.22 0.00	41.68 1.23 0.00	39.31 1.33 0.00	36.73 1.47 -0.01	38.42 1.71 0.00	58.14 2.61 0.00	48.23 2.71 0.00	62.88 3.11 0.00	36.63 1.71 0.00	35.51 1.71 -0.28	37.36 1.40 0.00
NORTH___COUNTRY_ESR 323785	33.18 0.93 0.00	35.50 1.09 0.00	33.76 0.93 0.00	35.19 0.75 0.00	34.64 0.54 0.00	33.61 0.19 0.00	33.63 0.15 0.00	39.16 0.27 0.00	37.64 0.20 0.00	50.43 0.11 0.00	54.52 0.17 0.00	48.23 0.36 0.00	43.32 0.36 0.00	43.86 0.33 0.00	40.71 0.26 0.00	38.28 0.30 0.00	35.55 0.30 0.00	37.11 0.40 0.00	56.34 0.81 0.00	45.70 0.18 0.00	60.10 0.33 0.00	35.28 0.36 0.00	34.39 0.87 0.00	37.12 1.16 0.00
NPX_GEN_1385_PROXY 323591	33.72 1.04 -0.43	36.13 0.97 -0.74	33.94 0.93 -0.18	36.30 1.28 -0.57	35.56 1.30 -0.17	35.33 1.64 -0.27	35.48 2.00 0.00	42.76 2.59 -1.27	39.16 1.69 -0.02	51.99 1.66 0.00	56.64 2.29 0.00	49.77 1.90 0.00	44.08 1.12 0.00	44.07 0.53 0.00	41.39 0.94 0.00	39.02 1.04 0.00	36.46 1.19 -0.01	38.16 1.45 0.00	57.87 2.34 0.00	48.06 2.54 0.00	62.87 3.10 0.00	36.41 1.49 0.00	35.31 1.51 -0.28	37.11 1.14 0.00
NPX_GEN_CSC 323557	33.73 1.01 -0.47	36.25 1.08 -0.76	34.01 1.00 -0.18	36.35 1.34 -0.57	35.59 1.33 -0.17	35.60 1.91 -0.27	35.75 2.27 0.00	42.72 2.56 -1.27	39.44 1.97 -0.02	51.65 1.32 0.00	56.30 1.95 0.00	49.45 1.58 0.00	44.11 1.15 0.00	44.33 0.79 0.00	41.22 0.77 0.00	38.90 0.92 0.00	36.40 1.13 -0.01	38.15 1.45 0.00	58.26 2.73 0.00	48.31 2.79 0.00	62.48 2.71 0.00	36.29 1.37 0.00	35.30 1.50 -0.28	36.97 1.01 0.00
NSINS_S_GLNS_FALLS 23858	32.72 0.64 0.18	34.74 0.91 0.58	33.54 0.86 0.16	34.79 0.86 0.51	34.92 0.97 0.15	34.22 1.04 0.24	34.69 1.21 0.00	39.29 1.52 1.13	38.94 1.52 0.02	52.64 2.32 0.00	57.23 2.88 0.00	50.40 2.53 0.00	45.29 2.33 0.00	45.74 2.20 0.00	42.37 1.92 0.00	39.84 1.86 0.00	37.03 1.77 0.00	38.74 2.03 0.00	58.72 3.19 0.00	48.57 3.05 0.00	63.21 3.44 0.00	36.78 1.86 0.00	34.77 1.50 0.25	37.41 1.45 0.00
NUCOR_STEEL___DRP 24197	32.72 0.47 0.00	34.97 0.56 0.00	33.19 0.35 0.00	34.83 0.39 0.00	34.70 0.61 0.00	34.01 0.59 0.00	34.02 0.55 0.00	39.52 0.62 0.00	37.95 0.51 0.00	51.15 0.82 0.00	55.36 1.01 0.00	48.51 0.64 0.00	43.62 0.66 0.00	44.15 0.61 0.00	40.86 0.41 0.00	38.34 0.36 0.00	35.60 0.34 0.00	36.98 0.27 0.00	55.84 0.30 0.00	45.99 0.48 0.00	60.45 0.67 0.00	35.17 0.25 0.00	33.69 0.17 0.00	36.26 0.30 0.00
NUMBER_THREE_WT_PWR 323818	32.91 0.65 0.00	35.00 0.59 0.00	33.33 0.49 0.00	35.05 0.61 0.00	34.71 0.62 0.00	33.73 0.31 0.00	33.77 0.29 0.00	39.71 0.81 0.00	38.58 1.15 0.00	52.07 1.74 0.00	56.29 1.94 0.00	49.42 1.56 0.00	44.15 1.20 0.00	44.33 0.79 0.00	41.23 0.78 0.00	38.58 0.59 0.00	35.56 0.30 0.00	36.81 0.10 0.00	55.73 0.20 0.00	46.34 0.82 0.00	61.36 1.59 0.00	35.93 1.01 0.00	34.42 0.89 0.00	36.90 0.94 0.00
NYISO_LBMP_REFERENCE 24008	32.25 0.00 0.00	34.41 0.00 0.00	32.83 0.00 0.00	34.44 0.00 0.00	34.09 0.00 0.00	33.42 0.00 0.00	33.48 0.00 0.00	38.89 0.00 0.00	37.44 0.00 0.00	50.32 0.00 0.00	54.34 0.00 0.00	47.87 0.00 0.00	42.95 0.00 0.00	43.54 0.00 0.00	40.45 0.00 0.00	37.98 0.00 0.00	35.26 0.00 0.00	36.71 0.00 0.00	55.53 0.00 0.00	45.52 0.00 0.00	59.77 0.00 0.00	34.92 0.00 0.00	33.52 0.00 0.00	35.96 0.00 0.00
NYPA_BRENTWD___GT 24164	34.23 1.45 -0.52	36.52 1.33 -0.78	34.28 1.26 -0.18	36.57 1.55 -0.57	35.82 1.56 -0.17	35.61 1.92 -0.27	35.74 2.26 0.00	42.77 2.60 -1.27	39.66 2.20 -0.02	52.83 2.50 0.00	57.55 3.21 0.00	50.58 2.71 0.00	45.00 2.04 0.00	45.17 1.63 0.00	42.02 1.58 0.00	39.72 1.74 0.00	37.18 1.91 -0.01	38.87 2.16 0.00	58.73 3.20 0.00	48.75 3.23 0.00	63.61 3.84 0.00	37.05 2.14 0.00	35.89 2.09 -0.28	37.76 1.80 0.00
NYPA_GOWANUS___GT5 24156	33.48 1.03 -0.20	35.97 0.91 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.93 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.19 0.00	57.14 2.79 0.00	50.07 2.21 0.00	44.89 1.94 0.00	45.18 1.64 0.00	41.88 1.43 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.90 2.37 0.00	48.08 2.56 0.00	62.93 3.16 0.00	36.78 1.86 0.00	35.56 1.76 -0.29	37.57 1.60 0.00
NYPA_GOWANUS___GT6 24157	33.48 1.03 -0.20	35.97 0.91 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.93 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.19 0.00	57.14 2.79 0.00	50.07 2.21 0.00	44.89 1.94 0.00	45.18 1.64 0.00	41.88 1.43 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.90 2.37 0.00	48.08 2.56 0.00	62.93 3.16 0.00	36.78 1.86 0.00	35.56 1.76 -0.29	37.57 1.60 0.00

NYPA_HARLEM__RVR__GT1 24160	33.27 0.81 -0.20	35.81 0.75 -0.65	33.71 0.69 -0.18	35.78 0.77 -0.57	35.11 0.85 -0.17	34.77 1.08 -0.27	34.77 1.29 0.00	41.73 1.56 -1.28	39.01 1.55 -0.02	52.49 2.16 0.00	57.13 2.78 0.00	50.05 2.18 0.00	44.86 1.90 0.00	45.13 1.59 0.00	41.83 1.39 0.00	39.39 1.41 0.00	36.71 1.45 0.00	38.33 1.62 0.00	57.88 2.35 0.00	48.00 2.48 0.00	62.80 3.03 0.00	36.70 1.78 0.00	35.44 1.64 -0.29	37.45 1.48 0.00
NYPA_HARLEM__RVR__GT2 24161	33.27 0.81 -0.20	35.81 0.75 -0.65	33.71 0.69 -0.18	35.78 0.77 -0.57	35.11 0.85 -0.17	34.77 1.08 -0.27	34.77 1.29 0.00	41.73 1.56 -1.28	39.01 1.55 -0.02	52.49 2.16 0.00	57.13 2.78 0.00	50.05 2.18 0.00	44.86 1.90 0.00	45.13 1.59 0.00	41.83 1.39 0.00	39.39 1.41 0.00	36.71 1.45 0.00	38.33 1.62 0.00	57.88 2.35 0.00	48.00 2.48 0.00	62.80 3.03 0.00	36.70 1.78 0.00	35.44 1.64 -0.29	37.45 1.48 0.00
NYPA_KENT____GT 24152	33.45 1.00 -0.20	35.95 0.89 -0.65	33.85 0.83 -0.18	35.88 0.87 -0.57	35.18 0.92 -0.17	34.87 1.17 -0.27	34.91 1.43 0.00	41.77 1.60 -1.28	39.05 1.59 -0.02	52.53 2.21 0.00	57.16 2.81 0.00	50.10 2.24 0.00	44.90 1.95 0.00	45.20 1.66 0.00	41.90 1.45 0.00	39.45 1.47 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.94 2.40 0.00	48.07 2.54 0.00	62.88 3.11 0.00	36.77 1.84 0.00	35.54 1.73 -0.29	37.54 1.58 0.00
NYPA_POUCH1____GT 24155	33.48 1.02 -0.20	36.00 0.93 -0.65	33.96 0.94 -0.18	35.94 0.92 -0.57	35.25 0.99 -0.17	34.96 1.27 -0.27	34.96 1.49 0.00	41.62 1.45 -1.27	38.84 1.38 -0.02	52.31 1.99 0.00	56.90 2.56 0.00	49.84 1.97 0.00	44.71 1.75 0.00	45.02 1.48 0.00	41.73 1.28 0.00	39.28 1.29 0.00	36.68 1.42 0.00	38.24 1.53 0.00	57.67 2.14 0.00	47.94 2.41 0.00	62.77 3.00 0.00	36.70 1.78 0.00	35.50 1.70 -0.29	37.51 1.54 0.00
NYPA_VERNON____GT2 24162	33.43 0.97 -0.20	35.92 0.86 -0.65	33.81 0.79 -0.18	35.88 0.86 -0.57	35.16 0.90 -0.17	34.85 1.16 -0.27	34.90 1.42 0.00	41.80 1.63 -1.28	39.08 1.62 -0.02	52.54 2.22 0.00	57.17 2.83 0.00	50.12 2.26 0.00	44.94 1.98 0.00	45.21 1.68 0.00	41.91 1.47 0.00	39.47 1.49 0.00	36.82 1.56 0.00	38.41 1.70 0.00	57.95 2.42 0.00	48.05 2.52 0.00	62.83 3.05 0.00	36.74 1.82 0.00	35.52 1.71 -0.29	37.52 1.55 0.00
NYPA_VERNON____GT3 24163	33.43 0.97 -0.20	35.92 0.86 -0.65	33.81 0.79 -0.18	35.88 0.86 -0.57	35.16 0.90 -0.17	34.85 1.16 -0.27	34.90 1.42 0.00	41.80 1.63 -1.28	39.08 1.62 -0.02	52.54 2.22 0.00	57.17 2.83 0.00	50.12 2.26 0.00	44.94 1.98 0.00	45.21 1.68 0.00	41.91 1.47 0.00	39.47 1.49 0.00	36.82 1.56 0.00	38.41 1.70 0.00	57.95 2.42 0.00	48.05 2.52 0.00	62.83 3.05 0.00	36.74 1.82 0.00	35.52 1.71 -0.29	37.52 1.55 0.00
NYPA__ASTORIA_CC1 323568	33.39 0.93 -0.20	35.89 0.83 -0.65	33.79 0.77 -0.18	35.85 0.83 -0.57	35.14 0.88 -0.17	34.82 1.13 -0.27	34.87 1.40 0.00	41.78 1.61 -1.28	39.06 1.59 -0.02	52.52 2.19 0.00	57.13 2.78 0.00	50.10 2.23 0.00	44.90 1.94 0.00	45.19 1.65 0.00	41.90 1.45 0.00	39.46 1.48 0.00	36.81 1.54 0.00	38.40 1.69 0.00	57.93 2.40 0.00	48.02 2.50 0.00	62.79 3.01 0.00	36.71 1.79 0.00	35.48 1.68 -0.29	37.49 1.53 0.00
NYPA__ASTORIA_CC2 323569	33.39 0.93 -0.20	35.89 0.83 -0.65	33.79 0.77 -0.18	35.85 0.83 -0.57	35.14 0.88 -0.17	34.82 1.13 -0.27	34.87 1.40 0.00	41.78 1.61 -1.28	39.06 1.59 -0.02	52.52 2.19 0.00	57.13 2.78 0.00	50.10 2.23 0.00	44.90 1.94 0.00	45.19 1.65 0.00	41.90 1.45 0.00	39.46 1.48 0.00	36.81 1.54 0.00	38.40 1.69 0.00	57.93 2.40 0.00	48.02 2.50 0.00	62.79 3.01 0.00	36.71 1.79 0.00	35.48 1.68 -0.29	37.49 1.53 0.00
NYPA__HOLTSVILL 23794	33.89 1.17 -0.46	36.25 1.08 -0.76	34.04 1.03 -0.18	36.32 1.31 -0.57	35.59 1.32 -0.17	35.43 1.74 -0.27	35.55 2.07 0.00	42.52 2.36 -1.27	39.39 1.93 -0.02	52.26 1.93 0.00	56.95 2.61 0.00	50.02 2.15 0.00	44.63 1.67 0.00	44.84 1.30 0.00	41.70 1.26 0.00	39.35 1.37 0.00	36.80 1.53 -0.01	38.50 1.79 0.00	58.42 2.89 0.00	48.45 2.93 0.00	63.02 3.24 0.00	36.68 1.76 0.00	35.58 1.78 -0.28	37.39 1.43 0.00
NYPA__HELLGATE_GT1 24158	33.27 0.81 -0.20	35.81 0.75 -0.65	33.71 0.69 -0.18	35.78 0.77 -0.57	35.11 0.85 -0.17	34.77 1.08 -0.27	34.77 1.29 0.00	41.75 1.58 -1.28	39.02 1.55 -0.02	52.53 2.21 0.00	57.17 2.83 0.00	50.09 2.23 0.00	44.89 1.94 0.00	45.14 1.60 0.00	41.83 1.39 0.00	39.39 1.41 0.00	36.71 1.45 0.00	38.33 1.62 0.00	57.88 2.35 0.00	48.00 2.48 0.00	62.78 3.01 0.00	36.70 1.78 0.00	35.44 1.64 -0.29	37.45 1.48 0.00
NYPA__HELLGATE_GT2 24159	33.27 0.81 -0.20	35.81 0.75 -0.65	33.71 0.69 -0.18	35.78 0.77 -0.57	35.11 0.85 -0.17	34.77 1.08 -0.27	34.77 1.29 0.00	41.75 1.58 -1.28	39.02 1.55 -0.02	52.53 2.21 0.00	57.17 2.83 0.00	50.09 2.23 0.00	44.89 1.94 0.00	45.14 1.60 0.00	41.83 1.39 0.00	39.39 1.41 0.00	36.71 1.45 0.00	38.33 1.62 0.00	57.88 2.35 0.00	48.00 2.48 0.00	62.78 3.01 0.00	36.70 1.78 0.00	35.44 1.64 -0.29	37.45 1.48 0.00
NYS_BARGE__HYD 23848	32.24 -0.01 0.00	34.73 0.32 0.00	33.13 0.29 0.00	34.62 0.18 0.00	34.33 0.24 0.00	33.30 -0.12 0.00	32.90 -0.58 0.00	37.78 -1.12 0.00	36.25 -1.19 0.00	48.57 -1.65 0.10	52.26 -2.09 0.00	45.08 -1.72 1.07	41.51 -1.44 0.00	42.26 -1.28 0.00	39.25 -1.20 0.00	36.70 -1.29 0.00	33.89 -1.37 0.00	34.79 -1.92 0.00	52.54 -2.99 0.00	43.24 -2.28 0.00	56.79 -2.98 0.00	32.57 -2.34 0.00	31.63 -1.89 0.00	34.70 -1.26 0.00
OAK_ORCHARD__HYD 24046	32.43 0.17 0.00	34.79 0.39 0.00	33.17 0.34 0.00	34.74 0.30 0.00	34.45 0.35 0.00	33.54 0.12 0.00	33.39 -0.09 0.00	38.62 -0.28 0.00	37.13 -0.31 0.00	49.92 -0.36 0.05	53.84 -0.50 0.00	46.91 -0.41 0.55	42.62 -0.33 0.00	43.29 -0.25 0.00	40.20 -0.25 0.00	37.66 -0.32 0.00	34.83 -0.43 0.00	35.91 -0.80 0.00	54.31 -1.23 0.00	44.72 -0.80 0.00	58.73 -1.04 0.00	33.88 -1.04 0.00	32.66 -0.86 0.00	35.42 -0.55 0.00
OAKDALE__35_KV_LOAD 356122	32.39 0.13 0.00	34.49 0.09 0.00	32.94 0.11 0.00	34.65 0.22 0.00	34.41 0.31 0.00	33.70 0.27 0.00	33.83 0.35 0.00	39.27 0.38 0.00	37.71 0.27 0.00	50.87 0.55 0.00	54.98 0.64 0.00	48.35 0.49 0.00	43.33 0.38 0.00	43.79 0.25 0.00	40.68 0.23 0.00	38.21 0.23 0.00	35.52 0.26 0.00	36.93 0.22 0.00	55.74 0.21 0.00	45.98 0.46 0.00	60.19 0.42 0.00	35.03 0.11 0.00	33.55 0.03 0.00	36.08 0.11 0.00
OCC_CHEM__DRP 24175	31.90 -0.36 0.00	34.44 0.03 0.00	32.81 -0.02 0.00	34.27 -0.16 0.00	33.96 -0.14 0.00	32.91 -0.51 0.00	32.52 -0.96 0.00	37.16 -1.74 0.00	35.59 -1.85 0.00	47.75 -2.57 0.00	51.26 -3.09 0.00	45.31 -2.55 0.00	40.74 -2.22 0.00	41.53 -2.01 0.00	38.63 -1.82 0.00	36.16 -1.82 0.00	33.41 -1.85 0.00	34.28 -2.43 0.00	51.75 -3.78 0.00	42.47 -3.05 0.00	55.77 -4.00 0.00	31.98 -2.93 0.00	31.08 -2.44 0.00	34.14 -1.83 0.00

OH_GEN_PROXY 24063	31.86 -0.40 0.00	34.35 -0.06 0.00	32.75 -0.08 0.00	34.26 -0.18 0.00	33.94 -0.15 0.00	32.92 -0.50 0.00	32.60 -0.88 0.00	37.48 -1.41 0.00	35.94 -1.50 0.00	48.14 -2.07 0.12	51.85 -2.49 0.00	44.48 -2.10 1.28	41.16 -1.80 0.00	41.90 -1.64 0.00	38.99 -1.46 0.00	36.51 -1.47 0.00	33.75 -1.51 0.00	34.66 -2.05 0.00	52.31 -3.22 0.00	42.96 -2.56 0.00	56.40 -3.37 0.00	32.37 -2.54 0.00	31.42 -2.09 0.00	34.40 -1.56 0.00
OLIN_CORP_DRP 24177	31.76 -0.49 0.00	34.25 -0.16 0.00	32.65 -0.19 0.00	34.11 -0.33 0.00	33.81 -0.29 0.00	32.80 -0.62 0.00	32.36 -1.12 0.00	37.13 -1.77 0.00	35.61 -1.83 0.00	47.77 -2.55 0.00	51.28 -3.06 0.00	45.29 -2.58 0.00	40.78 -2.18 0.00	41.54 -2.00 0.00	38.62 -1.83 0.00	36.13 -1.86 0.00	33.38 -1.87 0.00	34.25 -2.46 0.00	51.70 -3.83 0.00	42.48 -3.04 0.00	55.78 -3.99 0.00	32.00 -2.91 0.00	31.09 -2.42 0.00	34.16 -1.80 0.00
OLIN_CORP_DSASP 323712	31.89 -0.36 0.00	34.41 0.00 0.00	32.81 -0.02 0.00	34.27 -0.16 0.00	33.96 -0.14 0.00	32.91 -0.51 0.00	32.52 -0.95 0.00	37.16 -1.73 0.00	35.59 -1.85 0.00	47.64 -2.57 0.11	51.26 -3.09 0.00	44.13 -2.55 1.18	40.74 -2.22 0.00	41.53 -2.01 0.00	38.63 -1.82 0.00	36.17 -1.81 0.00	33.41 -1.85 0.00	34.28 -2.43 0.00	51.75 -3.78 0.00	42.47 -3.05 0.00	55.76 -4.02 0.00	31.99 -2.93 0.00	31.09 -2.43 0.00	34.14 -1.82 0.00
ONEIDA_HERK_LFGE 323681	33.05 0.80 0.00	35.16 0.76 0.00	33.52 0.68 0.00	35.23 0.79 0.00	34.89 0.80 0.00	34.10 0.68 0.00	34.19 0.72 0.00	39.95 1.06 0.00	38.62 1.18 0.00	52.11 1.79 0.00	56.36 2.01 0.00	49.55 1.68 0.00	44.35 1.40 0.00	44.75 1.21 0.00	41.58 1.13 0.00	38.98 1.00 0.00	36.09 0.83 0.00	37.48 0.77 0.00	56.71 1.18 0.00	46.85 1.33 0.00	61.66 1.89 0.00	36.01 1.09 0.00	34.46 0.94 0.00	36.93 0.97 0.00
ONEIDA___115KV_TB4 55905	33.20 0.94 0.00	35.34 0.93 0.00	33.74 0.90 0.00	35.43 0.99 0.00	35.14 1.05 0.00	34.42 1.00 0.00	34.53 1.05 0.00	40.20 1.31 0.00	38.78 1.34 0.00	52.33 2.01 0.00	56.62 2.27 0.00	49.78 1.92 0.00	44.57 1.61 0.00	45.07 1.53 0.00	41.85 1.40 0.00	39.26 1.28 0.00	36.45 1.19 0.00	37.89 1.18 0.00	57.30 1.78 0.00	47.24 1.72 0.00	61.99 2.21 0.00	36.08 1.16 0.00	34.51 0.99 0.00	37.00 1.04 0.00
ONONDAGA_REF_OCCRA 23987	32.44 0.18 0.00	34.58 0.17 0.00	32.99 0.16 0.00	34.63 0.19 0.00	34.35 0.26 0.00	33.62 0.20 0.00	33.64 0.17 0.00	39.07 0.17 0.00	37.61 0.17 0.00	50.69 0.37 0.00	54.80 0.46 0.00	48.25 0.38 0.00	43.25 0.30 0.00	43.77 0.23 0.00	40.65 0.19 0.00	38.16 0.18 0.00	35.43 0.17 0.00	36.82 0.11 0.00	55.62 0.09 0.00	45.81 0.29 0.00	60.06 0.28 0.00	34.93 0.01 0.00	33.46 -0.06 0.00	35.94 -0.02 0.00
ONONDAGA___COGEN 23986	32.42 0.16 0.00	34.59 0.18 0.00	32.97 0.14 0.00	34.60 0.16 0.00	34.33 0.24 0.00	33.61 0.19 0.00	33.62 0.14 0.00	39.04 0.15 0.00	37.58 0.14 0.00	50.64 0.31 0.00	54.75 0.41 0.00	48.17 0.30 0.00	43.21 0.26 0.00	43.73 0.19 0.00	40.58 0.14 0.00	38.10 0.12 0.00	35.37 0.11 0.00	36.76 0.06 0.00	55.54 0.01 0.00	45.72 0.20 0.00	59.98 0.20 0.00	34.88 -0.03 0.00	33.43 -0.09 0.00	35.91 -0.06 0.00
ONTARIO___LFGE 23819	32.58 0.33 0.00	34.84 0.43 0.00	33.30 0.46 0.00	35.01 0.57 0.00	34.80 0.71 0.00	34.04 0.62 0.00	34.12 0.65 0.00	39.62 0.72 0.00	38.00 0.56 0.00	51.29 0.97 0.00	55.35 1.01 0.00	48.72 0.86 0.00	43.63 0.68 0.00	44.15 0.61 0.00	41.00 0.55 0.00	38.48 0.50 0.00	35.73 0.47 0.00	37.03 0.32 0.00	55.85 0.32 0.00	46.13 0.61 0.00	60.44 0.66 0.00	34.98 0.07 0.00	33.50 -0.02 0.00	36.05 0.09 0.00
ORANGEVILLE_WT_PWR 323706	32.32 0.06 0.00	34.86 0.45 0.00	33.31 0.47 0.00	34.84 0.40 0.00	34.54 0.45 0.00	33.46 0.04 0.00	33.16 -0.31 0.00	38.12 -0.77 0.00	36.60 -0.84 0.00	49.12 -1.09 0.12	52.89 -1.46 0.00	45.45 -1.13 1.28	41.95 -1.00 0.00	42.63 -0.91 0.00	39.64 -0.80 0.00	37.02 -0.96 0.00	34.16 -1.09 0.00	35.03 -1.68 0.00	52.81 -2.72 0.00	43.62 -1.90 0.00	57.20 -2.57 0.00	32.80 -2.12 0.00	31.69 -1.82 0.00	34.72 -1.24 0.00
ORANGEVILLE___ESR 323794	32.32 0.06 0.00	34.86 0.45 0.00	33.31 0.47 0.00	34.84 0.40 0.00	34.54 0.45 0.00	33.46 0.04 0.00	33.16 -0.31 0.00	38.12 -0.77 0.00	36.60 -0.84 0.00	49.12 -1.09 0.12	52.89 -1.46 0.00	45.45 -1.13 1.28	41.95 -1.00 0.00	42.63 -0.91 0.00	39.64 -0.80 0.00	37.02 -0.96 0.00	34.16 -1.09 0.00	35.03 -1.68 0.00	52.81 -2.72 0.00	43.62 -1.90 0.00	57.20 -2.57 0.00	32.80 -2.12 0.00	31.69 -1.82 0.00	34.72 -1.24 0.00
OSWEGATCHIE___HYD 24044	32.00 -0.25 0.00	34.14 -0.27 0.00	32.54 -0.29 0.00	34.13 -0.31 0.00	33.74 -0.35 0.00	32.88 -0.54 0.00	32.90 -0.57 0.00	38.52 -0.37 0.00	37.27 -0.17 0.00	50.13 -0.20 0.00	54.08 -0.27 0.00	47.59 -0.28 0.00	42.60 -0.35 0.00	43.00 -0.54 0.00	39.99 -0.46 0.00	37.46 -0.52 0.00	34.61 -0.65 0.00	35.88 -0.83 0.00	54.38 -1.15 0.00	44.80 -0.72 0.00	59.24 -0.54 0.00	34.69 -0.22 0.00	33.40 -0.12 0.00	35.87 -0.10 0.00
OSWEGO___5 23606	31.85 -0.41 0.00	33.98 -0.43 0.00	32.42 -0.41 0.00	34.01 -0.42 0.00	33.72 -0.37 0.00	33.00 -0.42 0.00	32.98 -0.49 0.00	38.29 -0.61 0.00	36.85 -0.59 0.00	49.63 -0.69 0.00	53.63 -0.71 0.00	47.20 -0.66 0.00	42.35 -0.60 0.00	42.90 -0.64 0.00	39.82 -0.63 0.00	37.38 -0.60 0.00	34.69 -0.57 0.00	36.06 -0.65 0.00	54.49 -1.04 0.00	44.82 -0.70 0.00	58.80 -0.97 0.00	34.24 -0.68 0.00	32.84 -0.68 0.00	35.28 -0.68 0.00
OSWEGO___6 23613	31.85 -0.41 0.00	33.98 -0.43 0.00	32.42 -0.41 0.00	34.01 -0.42 0.00	33.72 -0.37 0.00	33.00 -0.42 0.00	32.98 -0.49 0.00	38.29 -0.61 0.00	36.85 -0.59 0.00	49.63 -0.69 0.00	53.63 -0.71 0.00	47.20 -0.66 0.00	42.35 -0.60 0.00	42.90 -0.64 0.00	39.82 -0.63 0.00	37.38 -0.60 0.00	34.69 -0.57 0.00	36.06 -0.65 0.00	54.49 -1.04 0.00	44.82 -0.70 0.00	58.80 -0.97 0.00	34.24 -0.68 0.00	32.84 -0.68 0.00	35.28 -0.68 0.00
OUTOKUMPU-AB___DRP 24206	32.56 0.31 0.00	35.11 0.71 0.00	33.46 0.62 0.00	34.97 0.53 0.00	34.65 0.56 0.00	33.61 0.19 0.00	33.26 -0.22 0.00	38.13 -0.76 0.00	36.56 -0.88 0.00	49.10 -1.22 0.00	52.73 -1.62 0.00	46.59 -1.27 0.00	41.88 -1.08 0.00	42.64 -0.90 0.00	39.61 -0.84 0.00	37.04 -0.94 0.00	34.23 -1.03 0.00	35.15 -1.56 0.00	53.06 -2.47 0.00	43.66 -1.86 0.00	57.35 -2.42 0.00	32.90 -2.02 0.00	31.92 -1.60 0.00	34.99 -0.98 0.00
OXBOW___BTM 323836	32.24 -0.01 0.00	34.75 0.34 0.00	33.15 0.32 0.00	34.64 0.20 0.00	34.33 0.23 0.00	33.28 -0.14 0.00	32.91 -0.56 0.00	37.67 -1.23 0.00	36.10 -1.34 0.00	48.36 -1.85 0.11	52.04 -2.30 0.00	44.80 -1.88 1.19	41.34 -1.62 0.00	42.11 -1.43 0.00	39.14 -1.30 0.00	36.62 -1.36 0.00	33.83 -1.43 0.00	34.73 -1.97 0.00	52.44 -3.10 0.00	43.10 -2.42 0.00	56.61 -3.16 0.00	32.46 -2.45 0.00	31.53 -1.99 0.00	34.59 -1.37 0.00

OXBOW____ 24026	32.24 -0.01 0.00	34.80 0.39 0.00	33.16 0.32 0.00	34.64 0.20 0.00	34.32 0.23 0.00	33.28 -0.14 0.00	32.91 -0.56 0.00	37.67 -1.23 0.00	36.10 -1.34 0.00	48.47 -1.86 0.00	52.04 -2.30 0.00	45.99 -1.88 0.00	41.34 -1.62 0.00	42.11 -1.43 0.00	39.14 -1.31 0.00	36.62 -1.36 0.00	33.84 -1.42 0.00	34.74 -1.97 0.00	52.43 -3.10 0.00	43.10 -2.42 0.00	56.61 -3.16 0.00	32.47 -2.45 0.00	31.53 -1.99 0.00	34.59 -1.37 0.00
OXY_CHEM_DSASP 323612	31.90 -0.36 0.00	34.44 0.03 0.00	32.81 -0.02 0.00	34.27 -0.16 0.00	33.96 -0.14 0.00	32.91 -0.51 0.00	32.52 -0.96 0.00	37.16 -1.74 0.00	35.59 -1.85 0.00	47.75 -2.57 0.00	51.26 -3.09 0.00	45.31 -2.55 0.00	40.74 -2.22 0.00	41.53 -2.01 0.00	38.63 -1.82 0.00	36.16 -1.82 0.00	33.41 -1.85 0.00	34.28 -2.43 0.00	51.75 -3.78 0.00	42.47 -3.05 0.00	55.77 -4.00 0.00	31.98 -2.93 0.00	31.08 -2.44 0.00	34.14 -1.83 0.00
OZONE_PARK_ESR 323760	33.61 1.15 -0.20	36.09 1.03 -0.65	33.94 0.93 -0.18	36.02 1.00 -0.57	35.31 1.05 -0.17	34.99 1.30 -0.27	35.06 1.59 0.00	42.00 1.84 -1.27	39.29 1.83 -0.02	52.86 2.53 0.00	57.56 3.21 0.00	50.45 2.58 0.00	45.22 2.27 0.00	45.53 1.99 0.00	42.21 1.76 0.00	39.73 1.74 0.00	37.05 1.79 0.00	38.64 1.93 0.00	58.37 2.84 0.00	48.40 2.88 0.00	63.29 3.52 0.00	36.96 2.04 0.00	35.70 1.90 -0.28	37.74 1.78 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	31.90 -0.36 0.00	34.44 0.03 0.00	32.81 -0.02 0.00	34.27 -0.16 0.00	33.96 -0.14 0.00	32.91 -0.51 0.00	32.52 -0.96 0.00	37.16 -1.74 0.00	35.59 -1.85 0.00	47.75 -2.57 0.00	51.26 -3.09 0.00	45.31 -2.55 0.00	40.74 -2.22 0.00	41.53 -2.01 0.00	38.63 -1.82 0.00	36.16 -1.82 0.00	33.41 -1.85 0.00	34.28 -2.43 0.00	51.75 -3.78 0.00	42.47 -3.05 0.00	55.77 -4.00 0.00	31.98 -2.93 0.00	31.08 -2.44 0.00	34.14 -1.83 0.00
PACKARD__115KV_DUPONT_184 80571	31.90 -0.36 0.00	34.44 0.03 0.00	32.81 -0.02 0.00	34.27 -0.16 0.00	33.96 -0.14 0.00	32.91 -0.51 0.00	32.52 -0.96 0.00	37.16 -1.74 0.00	35.59 -1.85 0.00	47.75 -2.57 0.00	51.26 -3.09 0.00	45.31 -2.55 0.00	40.74 -2.22 0.00	41.53 -2.01 0.00	38.63 -1.82 0.00	36.16 -1.82 0.00	33.41 -1.85 0.00	34.28 -2.43 0.00	51.75 -3.78 0.00	42.47 -3.05 0.00	55.77 -4.00 0.00	31.98 -2.93 0.00	31.08 -2.44 0.00	34.14 -1.83 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	33.26 0.81 -0.20	35.86 0.80 -0.65	33.77 0.76 -0.18	35.85 0.83 -0.57	35.16 0.90 -0.17	34.82 1.13 -0.27	34.85 1.37 0.00	41.79 1.62 -1.28	39.06 1.59 -0.02	52.54 2.21 0.00	57.18 2.83 0.00	50.13 2.27 0.00	44.93 1.98 0.00	45.22 1.68 0.00	41.91 1.46 0.00	39.46 1.47 0.00	36.77 1.51 0.00	38.37 1.66 0.00	57.95 2.42 0.00	48.04 2.52 0.00	62.77 3.00 0.00	36.67 1.75 0.00	35.39 1.59 -0.29	37.41 1.44 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.30 0.84 -0.20	35.86 0.80 -0.65	33.90 0.88 -0.18	35.99 0.98 -0.57	35.33 1.07 -0.17	34.86 1.17 -0.27	34.85 1.38 0.00	41.79 1.62 -1.28	39.09 1.63 -0.02	52.59 2.27 0.00	57.23 2.88 0.00	50.17 2.31 0.00	44.95 2.00 0.00	45.28 1.74 0.00	41.98 1.53 0.00	39.53 1.55 0.00	36.86 1.60 0.00	38.45 1.74 0.00	58.03 2.50 0.00	48.16 2.64 0.00	62.99 3.22 0.00	36.78 1.86 0.00	35.47 1.67 -0.29	37.50 1.53 0.00
PATROON__115KV_TB1 80586	32.79 0.71 0.17	34.49 0.64 0.56	33.34 0.66 0.15	34.68 0.73 0.49	34.67 0.72 0.14	34.01 0.82 0.23	34.31 0.84 0.00	38.84 1.04 1.09	38.43 1.01 0.02	51.79 1.47 0.00	56.19 1.85 0.00	49.43 1.56 0.00	44.43 1.48 0.00	44.89 1.35 0.00	41.61 1.16 0.00	39.12 1.13 0.00	36.31 1.05 0.00	37.91 1.20 0.00	57.30 1.77 0.00	47.16 1.64 0.00	61.67 1.90 0.00	35.97 1.05 0.00	34.09 0.82 0.24	36.70 0.74 0.00
PATTRSNVILLE__SOLAR 323815	32.97 0.85 0.13	34.86 0.88 0.42	33.53 0.81 0.12	34.93 0.86 0.37	34.86 0.87 0.11	34.17 0.92 0.18	34.46 0.99 0.00	39.24 1.17 0.83	38.62 1.19 0.02	52.03 1.71 0.00	56.38 2.04 0.00	49.63 1.77 0.00	44.63 1.68 0.00	45.19 1.65 0.00	41.91 1.47 0.00	39.36 1.37 0.00	36.57 1.31 0.00	38.13 1.42 0.00	57.61 2.08 0.00	47.37 1.85 0.00	62.09 2.32 0.00	36.21 1.29 0.00	34.46 1.14 0.20	37.14 1.18 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	33.13 0.88 0.00	35.70 1.29 0.00	33.99 1.16 0.00	35.62 1.19 0.00	35.32 1.23 0.00	34.26 0.84 0.00	34.02 0.54 0.00	39.15 0.25 0.00	37.51 0.07 0.00	50.49 0.17 0.00	54.24 -0.11 0.00	48.01 0.14 0.00	43.07 0.12 0.00	43.79 0.25 0.00	40.71 0.26 0.00	38.05 0.08 0.00	35.21 -0.05 0.00	36.20 -0.50 0.00	54.60 -0.93 0.00	44.92 -0.60 0.00	58.97 -0.80 0.00	33.89 -1.03 0.00	32.81 -0.71 0.00	35.85 -0.12 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	33.44 1.01 -0.18	35.90 0.91 -0.59	33.81 0.81 -0.16	35.88 0.92 -0.52	35.19 0.95 -0.15	34.81 1.15 -0.24	34.87 1.39 0.00	41.73 1.69 -1.15	39.16 1.70 -0.02	52.75 2.43 0.00	57.36 3.02 0.00	50.40 2.53 0.00	45.18 2.23 0.00	45.53 1.99 0.00	42.20 1.75 0.00	39.73 1.74 0.00	37.03 1.77 0.00	38.65 1.94 0.00	58.37 2.84 0.00	48.25 2.74 0.00	63.16 3.38 0.00	36.83 1.91 0.00	35.46 1.69 -0.25	37.52 1.56 0.00
PEEKSKILL____ 23653	33.10 0.65 -0.20	35.58 0.53 -0.64	33.45 0.44 -0.17	35.55 0.55 -0.56	34.83 0.58 -0.16	34.48 0.79 -0.27	34.53 1.05 0.00	41.40 1.26 -1.25	38.71 1.24 -0.02	52.07 1.74 0.00	56.65 2.30 0.00	49.70 1.84 0.00	44.52 1.57 0.00	44.84 1.30 0.00	41.55 1.10 0.00	39.11 1.12 0.00	36.45 1.19 0.00	38.04 1.33 0.00	57.50 1.97 0.00	47.64 2.12 0.00	62.34 2.57 0.00	36.38 1.47 0.00	35.13 1.33 -0.27	37.17 1.21 0.00
PGE MADISON__WINDPWR 24146	34.95 2.69 0.00	36.80 2.39 0.00	35.41 2.58 0.00	37.16 2.72 0.00	37.26 3.17 0.00	36.68 3.25 0.00	36.74 3.27 0.00	43.00 4.11 0.00	41.54 4.10 0.00	56.13 5.78 -0.02	60.68 6.33 0.00	53.53 5.44 -0.23	47.53 4.57 0.00	47.95 4.40 0.00	44.42 3.97 0.00	41.73 3.75 0.00	38.75 3.49 0.00	40.25 3.54 0.00	60.75 5.21 0.00	49.69 4.17 0.00	64.81 5.04 0.00	37.66 2.74 0.00	36.11 2.59 0.00	39.03 3.07 0.00
PIERCEFIELD__HYD 23852	31.76 -0.49 0.00	34.02 -0.39 0.00	32.45 -0.38 0.00	33.93 -0.51 0.00	33.48 -0.61 0.00	32.67 -0.75 0.00	32.66 -0.81 0.00	38.08 -0.82 0.00	36.68 -0.76 0.00	49.13 -1.19 0.00	52.83 -1.51 0.00	46.61 -1.25 0.00	41.83 -1.12 0.00	42.48 -1.06 0.00	39.54 -0.91 0.00	37.09 -0.89 0.00	34.35 -0.91 0.00	35.70 -1.01 0.00	54.15 -1.38 0.00	44.08 -1.44 0.00	58.19 -1.58 0.00	34.11 -0.81 0.00	33.02 -0.49 0.00	35.56 -0.40 0.00
PINELAWN_CC_1 323563	34.27 1.26 -0.76	36.38 1.09 -0.88	34.06 1.05 -0.18	36.30 1.29 -0.57	35.55 1.29 -0.17	35.32 1.64 -0.27	35.44 1.97 0.00	42.42 2.25 -1.27	39.41 1.94 -0.02	52.61 2.29 0.00	57.33 2.98 0.00	50.34 2.47 0.00	44.97 2.01 0.00	45.20 1.66 0.00	42.02 1.58 0.00	39.65 1.67 0.00	37.06 1.78 -0.02	38.71 2.00 0.00	58.55 3.02 0.00	48.55 3.02 0.00	63.29 3.52 0.00	36.92 2.00 0.00	35.75 1.95 -0.28	37.65 1.69 0.00

PJM_GEN_HTP_PROXY 323702	33.26 0.80 -0.20	35.73 0.67 -0.65	33.60 0.59 -0.18	35.67 0.66 -0.57	34.98 0.72 -0.17	34.65 0.96 -0.27	34.71 1.23 0.00	41.60 1.43 -1.27	38.91 1.45 -0.02	52.31 1.99 0.00	56.94 2.59 0.00	49.89 2.03 0.00	44.72 1.77 0.00	45.01 1.47 0.00	41.72 1.27 0.00	39.27 1.29 0.00	36.63 1.37 0.00	38.22 1.51 0.00	57.73 2.20 0.00	47.86 2.34 0.00	62.58 2.81 0.00	36.55 1.63 0.00	35.32 1.52 -0.28	37.33 1.37 0.00
PJM_GEN_KEystone 24065	32.44 0.08 -0.11	34.91 0.15 -0.35	33.02 0.09 -0.10	34.95 0.20 -0.31	34.46 0.28 -0.09	33.80 0.23 -0.14	33.78 0.31 0.00	48.11 0.30 -8.92	37.64 0.18 -0.01	50.53 0.32 0.11	54.86 0.52 0.00	47.06 0.36 1.16	26.80 0.22 16.36	24.40 0.06 19.19	40.46 0.01 0.00	38.02 0.04 0.00	35.37 0.12 0.00	36.69 -0.02 0.00	55.41 -0.12 0.00	45.87 0.35 0.00	60.05 0.28 0.00	34.86 -0.05 0.00	33.67 0.00 -0.15	36.09 0.13 0.00
PJM_GEN_NEPTUNE_PROXY 323594	33.39 0.94 -0.20	35.83 0.77 -0.65	33.73 0.71 -0.18	35.93 0.92 -0.57	35.20 0.94 -0.17	34.93 1.24 -0.27	35.02 1.54 0.00	41.92 1.75 -1.27	38.99 1.52 -0.02	52.17 1.85 0.00	56.78 2.44 0.00	49.86 2.00 0.00	44.60 1.64 0.00	44.86 1.32 0.00	41.66 1.22 0.00	39.29 1.30 0.00	36.68 1.42 0.00	38.34 1.63 0.00	57.93 2.40 0.00	48.02 2.50 0.00	62.67 2.90 0.00	36.60 1.68 0.00	35.43 1.63 -0.28	37.35 1.39 0.00
PJM_GEN_VFT_PROXY 323633	33.06 0.61 -0.20	35.50 0.44 -0.65	33.38 0.37 -0.18	35.44 0.43 -0.57	34.75 0.49 -0.17	34.44 0.75 -0.27	34.51 1.03 0.00	41.36 1.19 -1.27	38.67 1.21 -0.02	51.98 1.66 0.00	56.60 2.26 0.00	49.60 1.74 0.00	44.44 1.48 0.00	44.73 1.19 0.00	41.45 1.00 0.00	39.01 1.03 0.00	36.39 1.14 0.00	37.96 1.25 0.00	57.34 1.81 0.00	47.55 2.03 0.00	62.21 2.44 0.00	36.34 1.42 0.00	35.11 1.31 -0.28	37.10 1.14 0.00
PLATSBRG_115KV_PMLD1 355749	33.67 1.41 0.00	36.05 1.64 0.00	34.32 1.48 0.00	35.78 1.34 0.00	35.16 1.06 0.00	34.03 0.60 0.00	34.04 0.56 0.00	39.55 0.65 0.00	37.97 0.53 0.00	50.89 0.57 0.00	55.10 0.76 0.00	48.74 0.88 0.00	43.78 0.82 0.00	44.22 0.68 0.00	40.97 0.52 0.00	38.53 0.55 0.00	35.79 0.53 0.00	37.41 0.70 0.00	56.78 1.25 0.00	46.09 0.57 0.00	60.50 0.72 0.00	35.53 0.61 0.00	34.79 1.27 0.00	37.61 1.65 0.00
PLEASANTVLY__LBMP 24000	32.83 0.34 -0.23	35.37 0.20 -0.77	33.20 0.16 -0.21	35.35 0.24 -0.67	34.55 0.26 -0.20	34.18 0.45 -0.32	34.13 0.65 0.00	41.16 0.77 -1.50	38.25 0.78 -0.03	51.46 1.13 0.00	55.95 1.61 0.00	49.16 1.29 0.00	44.09 1.13 0.00	44.45 0.91 0.00	41.20 0.75 0.00	38.77 0.79 0.00	36.09 0.83 0.00	37.67 0.96 0.00	56.93 1.41 0.00	47.07 1.55 0.00	61.56 1.78 0.00	35.93 1.01 0.00	34.69 0.84 -0.33	36.67 0.71 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	33.02 0.56 -0.21	35.53 0.44 -0.68	33.40 0.38 -0.19	35.52 0.48 -0.60	34.75 0.49 -0.17	34.40 0.70 -0.28	34.40 0.92 0.00	41.33 1.10 -1.33	38.56 1.10 -0.02	51.87 1.54 0.00	56.43 2.09 0.00	49.54 1.67 0.00	44.42 1.46 0.00	44.75 1.21 0.00	41.50 1.05 0.00	39.05 1.07 0.00	36.36 1.10 0.00	37.96 1.25 0.00	57.37 1.84 0.00	47.48 1.96 0.00	62.08 2.31 0.00	36.24 1.33 0.00	34.98 1.17 -0.29	37.00 1.03 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	33.02 0.56 -0.21	35.53 0.44 -0.68	33.40 0.38 -0.19	35.52 0.48 -0.60	34.75 0.49 -0.17	34.40 0.70 -0.28	34.40 0.92 0.00	41.33 1.10 -1.33	38.56 1.10 -0.02	51.87 1.54 0.00	56.43 2.09 0.00	49.54 1.67 0.00	44.42 1.46 0.00	44.75 1.21 0.00	41.50 1.05 0.00	39.05 1.07 0.00	36.36 1.10 0.00	37.96 1.25 0.00	57.37 1.84 0.00	47.48 1.96 0.00	62.08 2.31 0.00	36.24 1.33 0.00	34.98 1.17 -0.29	37.00 1.03 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	32.87 0.62 0.00	34.89 0.48 0.00	33.25 0.42 0.00	34.93 0.49 0.00	34.62 0.53 0.00	34.15 0.73 0.00	34.42 0.94 0.00	40.01 1.12 0.00	38.60 1.16 0.00	52.01 1.69 0.00	56.55 2.20 0.00	49.69 1.83 0.00	44.59 1.63 0.00	44.96 1.42 0.00	41.67 1.22 0.00	39.22 1.24 0.00	36.56 1.30 0.00	38.15 1.45 0.00	57.60 2.07 0.00	47.60 2.08 0.00	62.22 2.45 0.00	36.30 1.38 0.00	34.70 1.18 0.00	37.03 1.07 0.00
POLETTI____ 23519	33.27 0.81 -0.20	35.75 0.70 -0.65	33.63 0.61 -0.18	35.70 0.69 -0.57	35.00 0.74 -0.17	34.68 0.99 -0.27	34.74 1.26 0.00	41.62 1.45 -1.27	38.91 1.45 -0.02	52.33 2.01 0.00	56.96 2.62 0.00	49.93 2.07 0.00	44.75 1.79 0.00	45.05 1.51 0.00	41.75 1.30 0.00	39.30 1.32 0.00	36.66 1.40 0.00	38.24 1.53 0.00	57.75 2.23 0.00	47.88 2.36 0.00	62.62 2.85 0.00	36.58 1.66 0.00	35.34 1.54 -0.28	37.35 1.39 0.00
POMONA____ESR 323819	33.12 0.67 -0.19	35.59 0.57 -0.61	33.48 0.48 -0.17	35.58 0.60 -0.54	34.87 0.62 -0.16	34.51 0.83 -0.25	34.57 1.10 0.00	41.41 1.32 -1.19	38.76 1.30 -0.02	52.17 1.84 0.00	56.75 2.41 0.00	49.77 1.91 0.00	44.59 1.63 0.00	44.90 1.36 0.00	41.60 1.15 0.00	39.14 1.16 0.00	36.47 1.22 0.00	38.07 1.36 0.00	57.56 2.03 0.00	47.69 2.17 0.00	62.44 2.67 0.00	36.42 1.51 0.00	35.16 1.38 -0.26	37.22 1.26 0.00
PORT_JEFF_3 23555	33.95 1.23 -0.47	36.31 1.15 -0.76	34.10 1.08 -0.18	36.38 1.37 -0.57	35.63 1.37 -0.17	35.48 1.79 -0.27	35.62 2.14 0.00	42.60 2.43 -1.27	39.47 2.01 -0.02	52.37 2.04 0.00	57.06 2.71 0.00	50.14 2.27 0.00	44.73 1.77 0.00	44.94 1.40 0.00	41.80 1.35 0.00	39.43 1.45 0.00	36.88 1.61 -0.01	38.60 1.89 0.00	58.57 3.04 0.00	48.57 3.04 0.00	63.15 3.37 0.00	36.76 1.84 0.00	35.65 1.85 -0.28	37.46 1.50 0.00
PORT_JEFF_4 23616	33.95 1.23 -0.47	36.31 1.15 -0.76	34.10 1.08 -0.18	36.38 1.37 -0.57	35.63 1.37 -0.17	35.48 1.79 -0.27	35.62 2.14 0.00	42.60 2.43 -1.27	39.47 2.01 -0.02	52.37 2.04 0.00	57.06 2.71 0.00	50.14 2.27 0.00	44.73 1.77 0.00	44.94 1.40 0.00	41.80 1.35 0.00	39.43 1.45 0.00	36.88 1.61 -0.01	38.60 1.89 0.00	58.57 3.04 0.00	48.57 3.04 0.00	63.15 3.37 0.00	36.76 1.84 0.00	35.65 1.85 -0.28	37.46 1.50 0.00
PORT_JEFF_IC 23713	33.96 1.23 -0.48	36.31 1.14 -0.76	34.10 1.08 -0.18	36.39 1.38 -0.57	35.65 1.39 -0.17	35.50 1.81 -0.27	35.64 2.17 0.00	42.62 2.45 -1.27	39.49 2.03 -0.02	52.36 2.04 0.00	57.06 2.72 0.00	50.13 2.27 0.00	44.75 1.79 0.00	44.96 1.42 0.00	41.82 1.37 0.00	39.45 1.47 0.00	36.90 1.63 -0.01	38.61 1.90 0.00	58.61 3.08 0.00	48.60 3.08 0.00	63.17 3.40 0.00	36.76 1.84 0.00	35.66 1.86 -0.28	37.46 1.50 0.00
PPL PILGRIM_ST_GT1 24216	34.23 1.45 -0.52	36.52 1.33 -0.78	34.28 1.26 -0.18	36.57 1.55 -0.57	35.82 1.56 -0.17	35.61 1.92 -0.27	35.74 2.26 0.00	42.77 2.60 -1.27	39.66 2.20 -0.02	52.83 2.50 0.00	57.55 3.21 0.00	50.58 2.71 0.00	45.00 2.04 0.00	45.17 1.63 0.00	42.02 1.58 0.00	39.72 1.74 0.00	37.18 1.91 -0.01	38.87 2.16 0.00	58.73 3.20 0.00	48.75 3.23 0.00	63.61 3.84 0.00	37.05 2.14 0.00	35.89 2.09 -0.28	37.76 1.80 0.00

PPL PILGRIM_ST_GT2 24217	34.23 1.45 -0.52	36.52 1.33 -0.78	34.28 1.26 -0.18	36.57 1.55 -0.57	35.82 1.56 -0.17	35.61 1.92 -0.27	35.74 2.26 0.00	42.77 2.60 -1.27	39.66 2.20 -0.02	52.83 2.50 0.00	57.55 3.21 0.00	50.58 2.71 0.00	45.00 2.04 0.00	45.17 1.63 0.00	42.02 1.58 0.00	39.72 1.74 0.00	37.18 1.91 -0.01	38.87 2.16 0.00	58.73 3.20 0.00	48.75 3.23 0.00	63.61 3.84 0.00	37.05 2.14 0.00	35.89 2.09 -0.28	37.76 1.80 0.00
PPL_SHRM_GT3 24213	33.77 1.04 -0.47	36.28 1.10 -0.76	34.04 1.03 -0.18	36.38 1.37 -0.57	35.62 1.37 -0.17	35.62 1.93 -0.27	35.77 2.30 0.00	42.74 2.58 -1.27	39.47 2.00 -0.02	51.70 1.38 0.00	56.36 2.02 0.00	49.51 1.64 0.00	44.15 1.20 0.00	44.37 0.84 0.00	41.27 0.82 0.00	38.94 0.96 0.00	36.44 1.17 -0.01	38.20 1.49 0.00	58.31 2.78 0.00	48.37 2.85 0.00	62.55 2.78 0.00	36.34 1.42 0.00	35.33 1.53 -0.28	37.02 1.05 0.00
PPL_SHRM_GT4 24214	33.77 1.04 -0.47	36.28 1.10 -0.76	34.04 1.03 -0.18	36.38 1.37 -0.57	35.62 1.37 -0.17	35.62 1.93 -0.27	35.77 2.30 0.00	42.74 2.58 -1.27	39.47 2.00 -0.02	51.70 1.38 0.00	56.36 2.02 0.00	49.51 1.64 0.00	44.15 1.20 0.00	44.37 0.84 0.00	41.27 0.82 0.00	38.94 0.96 0.00	36.44 1.17 -0.01	38.20 1.49 0.00	58.31 2.78 0.00	48.37 2.85 0.00	62.55 2.78 0.00	36.34 1.42 0.00	35.33 1.53 -0.28	37.02 1.05 0.00
PROJECT___ORANGE 1 24174	32.24 -0.01 0.00	34.39 -0.02 0.00	32.82 -0.02 0.00	34.45 0.01 0.00	34.15 0.06 0.00	33.42 0.00 0.00	33.42 -0.06 0.00	38.80 -0.10 0.00	37.35 -0.09 0.00	50.34 0.01 0.00	54.41 0.07 0.00	47.89 0.03 0.00	42.94 -0.02 0.00	43.47 -0.07 0.00	40.36 -0.09 0.00	37.89 -0.09 0.00	35.17 -0.09 0.00	36.55 -0.16 0.00	55.22 -0.32 0.00	45.45 -0.07 0.00	59.63 -0.14 0.00	34.67 -0.25 0.00	33.22 -0.30 0.00	35.69 -0.28 0.00
PROJECT___ORANGE 2 24166	32.24 -0.01 0.00	34.39 -0.02 0.00	32.82 -0.02 0.00	34.45 0.01 0.00	34.15 0.06 0.00	33.42 0.00 0.00	33.42 -0.06 0.00	38.80 -0.10 0.00	37.35 -0.09 0.00	50.34 0.01 0.00	54.41 0.07 0.00	47.89 0.03 0.00	42.94 -0.02 0.00	43.47 -0.07 0.00	40.36 -0.09 0.00	37.89 -0.09 0.00	35.17 -0.09 0.00	36.55 -0.16 0.00	55.22 -0.32 0.00	45.45 -0.07 0.00	59.63 -0.14 0.00	34.67 -0.25 0.00	33.22 -0.30 0.00	35.69 -0.28 0.00
PUCKETT___SOLAR 323809	32.95 0.70 0.00	34.92 0.51 0.00	33.49 0.65 0.00	35.24 0.80 0.00	35.06 0.96 0.00	34.35 0.93 0.00	34.44 0.96 0.00	40.12 1.23 0.00	38.48 1.04 0.00	52.20 1.84 -0.03	56.32 1.97 0.00	49.87 1.67 -0.34	44.32 1.36 0.00	44.73 1.19 0.00	41.48 1.03 0.00	38.95 0.97 0.00	36.21 0.95 0.00	37.64 0.93 0.00	56.82 1.29 0.00	46.76 1.24 0.00	61.07 1.30 0.00	35.53 0.61 0.00	34.03 0.51 0.00	36.68 0.72 0.00
PYRITES___HYD 24023	32.55 0.29 0.00	34.88 0.47 0.00	33.29 0.45 0.00	34.80 0.36 0.00	34.34 0.24 0.00	33.53 0.11 0.00	33.53 0.06 0.00	39.07 0.18 0.00	37.65 0.20 0.00	50.39 0.06 0.00	54.14 -0.21 0.00	47.75 -0.11 0.00	42.86 -0.09 0.00	43.55 0.01 0.00	40.52 0.07 0.00	38.02 0.04 0.00	35.22 -0.04 0.00	36.62 -0.09 0.00	55.52 -0.01 0.00	45.21 -0.31 0.00	59.69 -0.09 0.00	34.94 0.02 0.00	33.83 0.31 0.00	36.42 0.46 0.00
QUAKERRD_115KV_BK1 80622	31.63 -0.63 0.00	33.92 -0.48 0.00	32.33 -0.50 0.00	33.87 -0.57 0.00	33.57 -0.52 0.00	32.75 -0.67 0.00	32.63 -0.85 0.00	37.79 -1.10 0.00	36.36 -1.09 0.00	48.92 -1.41 0.00	52.77 -1.58 0.00	46.49 -1.37 0.00	41.75 -1.21 0.00	42.38 -1.16 0.00	39.36 -1.09 0.00	36.89 -1.10 0.00	34.16 -1.10 0.00	35.29 -1.42 0.00	53.36 -2.17 0.00	43.91 -1.61 0.00	57.63 -2.14 0.00	33.30 -1.61 0.00	32.06 -1.46 0.00	34.66 -1.30 0.00
QUENSBRY_115KV_TB8 356137	32.72 0.64 0.17	34.80 0.96 0.57	33.57 0.89 0.15	34.82 0.88 0.50	34.97 1.02 0.14	34.27 1.08 0.24	34.75 1.28 0.00	39.38 1.60 1.11	39.03 1.61 0.02	52.77 2.44 0.00	57.37 3.03 0.00	50.54 2.68 0.00	45.41 2.45 0.00	45.86 2.32 0.00	42.46 2.01 0.00	39.93 1.95 0.00	37.11 1.85 0.00	38.87 2.16 0.00	58.93 3.40 0.00	48.77 3.25 0.00	63.41 3.64 0.00	36.89 1.98 0.00	34.87 1.60 0.25	37.49 1.53 0.00
RAMAPO___LBMP 323565	32.99 0.55 -0.18	35.47 0.45 -0.60	33.37 0.37 -0.17	35.46 0.49 -0.53	34.76 0.51 -0.15	34.39 0.72 -0.25	34.45 0.98 0.00	41.26 1.18 -1.18	38.63 1.17 -0.02	51.97 1.65 0.00	56.55 2.20 0.00	49.60 1.73 0.00	44.42 1.47 0.00	44.73 1.19 0.00	41.44 0.99 0.00	38.99 1.01 0.00	36.34 1.07 0.00	37.92 1.21 0.00	57.34 1.82 0.00	47.52 2.00 0.00	62.21 2.44 0.00	36.29 1.37 0.00	35.03 1.25 -0.26	37.10 1.14 0.00
RANKINE____ 23646	32.76 0.50 0.00	35.32 0.91 0.00	33.64 0.80 0.00	35.21 0.77 0.00	34.91 0.82 0.00	33.85 0.43 0.00	33.58 0.10 0.00	38.60 -0.29 0.00	36.99 -0.45 0.00	49.78 -0.55 0.00	53.43 -0.92 0.00	47.22 -0.65 0.00	42.41 -0.54 0.00	43.15 -0.39 0.00	40.10 -0.34 0.00	37.50 -0.48 0.00	34.66 -0.60 0.00	35.61 -1.10 0.00	53.74 -1.79 0.00	44.23 -1.29 0.00	58.09 -1.68 0.00	33.35 -1.57 0.00	32.28 -1.24 0.00	35.34 -0.62 0.00
RAVENSWOOD_GT2_1 24244	33.29 0.84 -0.20	35.77 0.71 -0.65	33.64 0.63 -0.18	35.71 0.70 -0.57	35.00 0.74 -0.17	34.68 0.99 -0.27	34.74 1.26 0.00	41.62 1.45 -1.27	38.92 1.45 -0.02	52.33 2.01 0.00	56.95 2.61 0.00	49.93 2.07 0.00	44.76 1.81 0.00	45.05 1.51 0.00	41.76 1.31 0.00	39.31 1.33 0.00	36.66 1.40 0.00	38.25 1.54 0.00	57.76 2.24 0.00	47.88 2.36 0.00	62.62 2.85 0.00	36.58 1.66 0.00	35.34 1.54 -0.28	37.35 1.39 0.00
RAVENSWOOD_GT2_2 24245	33.29 0.84 -0.20	35.77 0.71 -0.65	33.64 0.63 -0.18	35.71 0.70 -0.57	35.00 0.74 -0.17	34.68 0.99 -0.27	34.74 1.26 0.00	41.62 1.45 -1.27	38.92 1.45 -0.02	52.33 2.01 0.00	56.95 2.61 0.00	49.93 2.07 0.00	44.76 1.81 0.00	45.05 1.51 0.00	41.76 1.31 0.00	39.31 1.33 0.00	36.66 1.40 0.00	38.25 1.54 0.00	57.76 2.24 0.00	47.88 2.36 0.00	62.62 2.85 0.00	36.58 1.66 0.00	35.34 1.54 -0.28	37.35 1.39 0.00
RAVENSWOOD_GT2_3 24246	33.30 0.85 -0.20	35.79 0.72 -0.65	33.65 0.64 -0.18	35.73 0.72 -0.57	35.02 0.76 -0.17	34.69 0.99 -0.27	34.74 1.27 0.00	41.65 1.48 -1.27	38.93 1.47 -0.02	52.36 2.03 0.00	56.98 2.64 0.00	49.96 2.10 0.00	44.77 1.81 0.00	45.07 1.53 0.00	41.78 1.33 0.00	39.33 1.35 0.00	36.68 1.42 0.00	38.27 1.56 0.00	57.81 2.28 0.00	47.91 2.39 0.00	62.65 2.88 0.00	36.59 1.68 0.00	35.35 1.56 -0.28	37.38 1.42 0.00
RAVENSWOOD_GT2_4 24247	33.30 0.85 -0.20	35.79 0.72 -0.65	33.65 0.64 -0.18	35.73 0.72 -0.57	35.02 0.76 -0.17	34.69 0.99 -0.27	34.74 1.27 0.00	41.65 1.48 -1.27	38.93 1.47 -0.02	52.36 2.03 0.00	56.98 2.64 0.00	49.96 2.10 0.00	44.77 1.81 0.00	45.07 1.53 0.00	41.78 1.33 0.00	39.33 1.35 0.00	36.68 1.42 0.00	38.27 1.56 0.00	57.81 2.28 0.00	47.91 2.39 0.00	62.65 2.88 0.00	36.59 1.68 0.00	35.35 1.56 -0.28	37.38 1.42 0.00

RAVENSWOOD_GT3_1 24248	33.29 0.84 -0.20	35.77 0.71 -0.65	33.64 0.63 -0.18	35.72 0.71 -0.57	35.00 0.74 -0.17	34.68 0.99 -0.27	34.74 1.26 0.00	41.62 1.45 -1.27	38.92 1.45 -0.02	52.33 2.01 0.00	56.96 2.61 0.00	49.93 2.07 0.00	44.76 1.81 0.00	45.05 1.51 0.00	41.76 1.31 0.00	39.31 1.33 0.00	36.66 1.40 0.00	38.25 1.54 0.00	57.77 2.24 0.00	47.88 2.36 0.00	62.62 2.85 0.00	36.58 1.66 0.00	35.34 1.54 -0.28	37.35 1.39 0.00
RAVENSWOOD_GT3_2 24249	33.29 0.84 -0.20	35.77 0.71 -0.65	33.64 0.63 -0.18	35.72 0.71 -0.57	35.00 0.74 -0.17	34.68 0.99 -0.27	34.74 1.26 0.00	41.62 1.45 -1.27	38.92 1.45 -0.02	52.33 2.01 0.00	56.96 2.61 0.00	49.93 2.07 0.00	44.76 1.81 0.00	45.05 1.51 0.00	41.76 1.31 0.00	39.31 1.33 0.00	36.66 1.40 0.00	38.25 1.54 0.00	57.77 2.24 0.00	47.88 2.36 0.00	62.62 2.85 0.00	36.58 1.66 0.00	35.34 1.54 -0.28	37.35 1.39 0.00
RAVENSWOOD_GT3_3 24250	33.33 0.88 -0.20	35.82 0.76 -0.65	33.69 0.67 -0.18	35.77 0.75 -0.57	35.05 0.79 -0.17	34.72 1.03 -0.27	34.78 1.30 0.00	41.69 1.52 -1.27	38.98 1.51 -0.02	52.41 2.09 0.00	57.05 2.70 0.00	50.01 2.15 0.00	44.82 1.87 0.00	45.13 1.59 0.00	41.83 1.39 0.00	39.38 1.39 0.00	36.72 1.46 0.00	38.31 1.60 0.00	57.87 2.34 0.00	47.97 2.45 0.00	62.73 2.96 0.00	36.64 1.73 0.00	35.39 1.60 -0.28	37.41 1.45 0.00
RAVENSWOOD_GT3_4 24251	33.33 0.88 -0.20	35.82 0.76 -0.65	33.69 0.67 -0.18	35.77 0.75 -0.57	35.05 0.79 -0.17	34.72 1.03 -0.27	34.78 1.30 0.00	41.69 1.52 -1.27	38.98 1.51 -0.02	52.41 2.09 0.00	57.05 2.70 0.00	50.01 2.15 0.00	44.82 1.87 0.00	45.13 1.59 0.00	41.83 1.39 0.00	39.38 1.39 0.00	36.72 1.46 0.00	38.31 1.60 0.00	57.87 2.34 0.00	47.97 2.45 0.00	62.73 2.96 0.00	36.64 1.73 0.00	35.39 1.60 -0.28	37.41 1.45 0.00
RAVENSWOOD_GT_1 23729	33.43 0.97 -0.20	35.92 0.86 -0.65	33.81 0.79 -0.18	35.88 0.86 -0.57	35.16 0.90 -0.17	34.85 1.15 -0.27	34.90 1.42 0.00	41.80 1.63 -1.28	39.08 1.62 -0.02	52.54 2.22 0.00	57.18 2.83 0.00	50.12 2.26 0.00	44.93 1.98 0.00	45.22 1.68 0.00	41.91 1.47 0.00	39.47 1.49 0.00	36.82 1.56 0.00	38.41 1.70 0.00	57.96 2.43 0.00	48.05 2.53 0.00	62.83 3.05 0.00	36.74 1.82 0.00	35.52 1.71 -0.29	37.52 1.55 0.00
RAVENSWOOD_GT_10 24258	33.29 0.83 -0.20	35.77 0.71 -0.65	33.63 0.62 -0.18	35.71 0.70 -0.57	35.00 0.74 -0.17	34.67 0.98 -0.27	34.73 1.26 0.00	41.62 1.45 -1.27	38.91 1.45 -0.02	52.33 2.01 0.00	56.95 2.60 0.00	49.93 2.07 0.00	44.75 1.79 0.00	45.05 1.51 0.00	41.76 1.31 0.00	39.31 1.33 0.00	36.66 1.40 0.00	38.25 1.54 0.00	57.76 2.24 0.00	47.88 2.36 0.00	62.62 2.85 0.00	36.58 1.66 0.00	35.34 1.54 -0.28	37.35 1.39 0.00
RAVENSWOOD_GT_11 24259	33.29 0.83 -0.20	35.77 0.71 -0.65	33.63 0.62 -0.18	35.71 0.70 -0.57	35.00 0.74 -0.17	34.67 0.98 -0.27	34.73 1.26 0.00	41.62 1.45 -1.27	38.91 1.45 -0.02	52.33 2.01 0.00	56.95 2.60 0.00	49.93 2.07 0.00	44.75 1.79 0.00	45.05 1.51 0.00	41.76 1.31 0.00	39.31 1.33 0.00	36.66 1.40 0.00	38.25 1.54 0.00	57.76 2.24 0.00	47.88 2.36 0.00	62.62 2.85 0.00	36.58 1.66 0.00	35.34 1.54 -0.28	37.35 1.39 0.00
RAVENSWOOD_GT_4 24252	33.28 0.83 -0.20	35.76 0.70 -0.65	33.62 0.61 -0.18	35.71 0.69 -0.57	34.99 0.73 -0.17	34.65 0.97 -0.27	34.72 1.24 0.00	41.61 1.44 -1.27	38.90 1.44 -0.02	52.32 1.99 0.00	56.94 2.59 0.00	49.92 2.05 0.00	44.74 1.78 0.00	45.05 1.51 0.00	41.75 1.30 0.00	39.29 1.31 0.00	36.64 1.38 0.00	38.24 1.53 0.00	57.75 2.23 0.00	47.87 2.35 0.00	62.62 2.84 0.00	36.57 1.66 0.00	35.32 1.52 -0.28	37.34 1.38 0.00
RAVENSWOOD_GT_5 24254	33.28 0.83 -0.20	35.76 0.70 -0.65	33.62 0.61 -0.18	35.71 0.69 -0.57	34.99 0.73 -0.17	34.65 0.97 -0.27	34.72 1.24 0.00	41.61 1.44 -1.27	38.90 1.44 -0.02	52.32 1.99 0.00	56.94 2.59 0.00	49.92 2.05 0.00	44.74 1.78 0.00	45.05 1.51 0.00	41.75 1.30 0.00	39.29 1.31 0.00	36.64 1.38 0.00	38.24 1.53 0.00	57.75 2.23 0.00	47.87 2.35 0.00	62.62 2.84 0.00	36.57 1.66 0.00	35.32 1.52 -0.28	37.34 1.38 0.00
RAVENSWOOD_GT_6 24253	33.28 0.83 -0.20	35.76 0.70 -0.65	33.62 0.61 -0.18	35.71 0.69 -0.57	34.99 0.73 -0.17	34.65 0.97 -0.27	34.72 1.24 0.00	41.61 1.44 -1.27	38.90 1.44 -0.02	52.32 1.99 0.00	56.94 2.59 0.00	49.92 2.05 0.00	44.74 1.78 0.00	45.05 1.51 0.00	41.75 1.30 0.00	39.29 1.31 0.00	36.64 1.38 0.00	38.24 1.53 0.00	57.75 2.23 0.00	47.87 2.35 0.00	62.62 2.84 0.00	36.57 1.66 0.00	35.32 1.52 -0.28	37.34 1.38 0.00
RAVENSWOOD_GT_7 24255	33.28 0.83 -0.20	35.76 0.70 -0.65	33.62 0.61 -0.18	35.71 0.69 -0.57	34.99 0.73 -0.17	34.65 0.97 -0.27	34.72 1.24 0.00	41.61 1.44 -1.27	38.90 1.44 -0.02	52.32 1.99 0.00	56.94 2.59 0.00	49.92 2.05 0.00	44.74 1.78 0.00	45.05 1.51 0.00	41.75 1.30 0.00	39.29 1.31 0.00	36.64 1.38 0.00	38.24 1.53 0.00	57.75 2.23 0.00	47.87 2.35 0.00	62.62 2.84 0.00	36.57 1.66 0.00	35.32 1.52 -0.28	37.34 1.38 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	33.29 0.83 -0.20	35.77 0.71 -0.65	33.63 0.62 -0.18	35.71 0.70 -0.57	35.00 0.74 -0.17	34.67 0.98 -0.27	34.73 1.26 0.00	41.62 1.45 -1.27	38.91 1.45 -0.02	52.33 2.01 0.00	56.95 2.60 0.00	49.93 2.07 0.00	44.75 1.79 0.00	45.05 1.51 0.00	41.76 1.31 0.00	39.31 1.33 0.00	36.66 1.40 0.00	38.25 1.54 0.00	57.76 2.24 0.00	47.88 2.36 0.00	62.62 2.85 0.00	36.58 1.66 0.00	35.34 1.54 -0.28	37.35 1.39 0.00
RAVENSWOOD_GT_9 24257	33.29 0.83 -0.20	35.77 0.71 -0.65	33.63 0.62 -0.18	35.71 0.70 -0.57	35.00 0.74 -0.17	34.67 0.98 -0.27	34.73 1.26 0.00	41.62 1.45 -1.27	38.91 1.45 -0.02	52.33 2.01 0.00	56.95 2.60 0.00	49.93 2.07 0.00	44.75 1.79 0.00	45.05 1.51 0.00	41.76 1.31 0.00	39.31 1.33 0.00	36.66 1.40 0.00	38.25 1.54 0.00	57.76 2.24 0.00	47.88 2.36 0.00	62.62 2.85 0.00	36.58 1.66 0.00	35.34 1.54 -0.28	37.35 1.39 0.00
RAVENSWOOD____1 23533	33.34 0.88 -0.20	35.84 0.78 -0.65	33.72 0.70 -0.18	35.78 0.77 -0.57	35.07 0.81 -0.17	34.75 1.06 -0.27	34.81 1.34 0.00	41.71 1.54 -1.28	39.01 1.54 -0.02	52.44 2.12 0.00	57.06 2.72 0.00	50.03 2.16 0.00	44.85 1.89 0.00	45.14 1.60 0.00	41.85 1.40 0.00	39.41 1.42 0.00	36.75 1.50 0.00	38.34 1.63 0.00	57.87 2.34 0.00	47.97 2.45 0.00	62.73 2.96 0.00	36.67 1.75 0.00	35.43 1.63 -0.29	37.44 1.48 0.00
RAVENSWOOD____2 23534	33.34 0.88 -0.20	35.84 0.78 -0.65	33.72 0.70 -0.18	35.78 0.77 -0.57	35.07 0.81 -0.17	34.75 1.06 -0.27	34.81 1.34 0.00	41.71 1.54 -1.28	39.01 1.54 -0.02	52.44 2.12 0.00	57.06 2.72 0.00	50.03 2.16 0.00	44.85 1.89 0.00	45.14 1.60 0.00	41.85 1.40 0.00	39.41 1.42 0.00	36.75 1.50 0.00	38.34 1.63 0.00	57.87 2.34 0.00	47.97 2.45 0.00	62.73 2.96 0.00	36.67 1.75 0.00	35.43 1.63 -0.29	37.44 1.48 0.00

RAVENSWOOD___3 23535	33.29 0.83 -0.20	35.77 0.71 -0.65	33.64 0.62 -0.18	35.72 0.70 -0.57	35.01 0.74 -0.17	34.68 0.99 -0.27	34.74 1.26 0.00	41.62 1.45 -1.27	38.92 1.45 -0.02	52.33 2.01 0.00	56.96 2.62 0.00	49.94 2.07 0.00	44.76 1.81 0.00	45.05 1.51 0.00	41.76 1.31 0.00	39.31 1.33 0.00	36.66 1.40 0.00	38.25 1.54 0.00	57.77 2.25 0.00	47.88 2.36 0.00	62.62 2.85 0.00	36.58 1.67 0.00	35.34 1.54 -0.28	37.36 1.40 0.00
RAVENSWOOD___4 23820	33.34 0.88 -0.20	35.84 0.78 -0.65	33.72 0.70 -0.18	35.78 0.77 -0.57	35.07 0.81 -0.17	34.75 1.06 -0.27	34.81 1.34 0.00	41.71 1.54 -1.28	39.01 1.54 -0.02	52.44 2.12 0.00	57.06 2.72 0.00	50.03 2.16 0.00	44.85 1.89 0.00	45.14 1.60 0.00	41.85 1.40 0.00	39.41 1.42 0.00	36.75 1.50 0.00	38.34 1.63 0.00	57.87 2.34 0.00	47.97 2.45 0.00	62.73 2.96 0.00	36.67 1.75 0.00	35.43 1.63 -0.29	37.44 1.48 0.00
RCPL_TRUST___DRP 24196	33.32 0.87 -0.20	35.80 0.74 -0.65	33.68 0.66 -0.18	35.75 0.74 -0.57	35.05 0.79 -0.17	34.74 1.05 -0.27	34.78 1.31 0.00	41.68 1.51 -1.27	38.99 1.52 -0.02	52.42 2.09 0.00	57.05 2.70 0.00	50.00 2.14 0.00	44.81 1.85 0.00	45.11 1.57 0.00	41.82 1.38 0.00	39.38 1.40 0.00	36.73 1.47 0.00	38.29 1.58 0.00	57.85 2.32 0.00	47.93 2.40 0.00	62.69 2.91 0.00	36.61 1.69 0.00	35.38 1.58 -0.28	37.39 1.43 0.00
RED___ROCHESTER 323720	32.60 0.34 0.00	34.97 0.56 0.00	33.34 0.50 0.00	34.91 0.47 0.00	34.61 0.52 0.00	33.71 0.29 0.00	33.56 0.08 0.00	38.83 -0.06 0.00	37.36 -0.08 0.00	50.22 -0.06 0.05	54.20 -0.14 0.00	47.22 -0.09 0.55	42.91 -0.05 0.00	43.57 0.03 0.00	40.46 0.01 0.00	37.89 -0.09 0.00	35.05 -0.21 0.00	36.13 -0.58 0.00	54.65 -0.88 0.00	45.02 -0.50 0.00	59.14 -0.64 0.00	34.11 -0.81 0.00	32.88 -0.64 0.00	35.63 -0.33 0.00
REGAN___SOLAR 323812	35.58 3.43 0.11	37.65 3.60 0.36	36.04 3.30 0.10	37.54 3.42 0.32	37.47 3.47 0.09	36.66 3.39 0.15	36.86 3.38 0.00	42.32 4.13 0.70	41.70 4.28 0.01	56.36 6.03 0.00	61.05 6.71 0.00	53.89 6.02 0.00	48.65 5.69 0.00	49.37 5.83 0.00	45.75 5.31 0.00	42.85 4.87 0.00	39.89 4.63 0.00	41.56 4.85 0.00	62.64 7.11 0.00	51.38 5.85 0.00	67.58 7.81 0.00	39.26 4.35 0.00	37.42 4.10 0.20	40.46 4.49 0.00
RENSSELAER___COGEN 23796	32.61 0.52 0.16	34.34 0.46 0.53	33.17 0.48 0.14	34.51 0.53 0.47	34.49 0.53 0.13	33.85 0.64 0.22	34.13 0.66 0.00	38.67 0.81 1.03	38.21 0.79 0.02	51.49 1.17 0.00	55.84 1.50 0.00	49.11 1.25 0.00	44.13 1.18 0.00	44.58 1.05 0.00	41.33 0.88 0.00	38.86 0.87 0.00	36.09 0.83 0.00	37.67 0.96 0.00	56.95 1.41 0.00	46.87 1.35 0.00	61.32 1.55 0.00	35.76 0.84 0.00	33.91 0.62 0.23	36.50 0.54 0.00
REPUBLIC_115KV_BARTNBRK 55605	33.63 1.55 0.18	36.26 2.43 0.58	34.92 2.24 0.16	36.01 2.08 0.51	36.42 2.47 0.15	35.64 2.46 0.24	36.33 2.86 0.00	41.33 3.57 1.13	40.90 3.48 0.02	55.51 5.19 0.00	60.47 6.13 0.00	53.24 5.37 0.00	47.72 4.76 0.00	48.11 4.57 0.00	44.43 3.98 0.00	41.92 3.93 0.00	38.76 3.50 0.00	40.40 3.69 0.00	61.42 5.89 0.00	50.88 5.36 0.00	65.57 5.80 0.00	38.12 3.20 0.00	35.89 2.62 0.25	38.79 2.83 0.00
REVERE_CPPR_DRP 24186	33.55 1.30 0.00	35.70 1.29 0.00	34.04 1.21 0.00	35.76 1.33 0.00	35.47 1.37 0.00	34.71 1.29 0.00	34.82 1.35 0.00	40.62 1.72 0.00	39.23 1.79 0.00	52.99 2.66 0.00	57.34 2.99 0.00	50.41 2.55 0.00	45.11 2.16 0.00	45.58 2.04 0.00	42.32 1.88 0.00	39.69 1.70 0.00	36.82 1.56 0.00	38.26 1.55 0.00	57.87 2.34 0.00	47.74 2.22 0.00	62.67 2.90 0.00	36.52 1.60 0.00	34.91 1.39 0.00	37.43 1.47 0.00
REYNOLDS_115KV_TB3 80639	32.49 0.43 0.19	34.12 0.35 0.64	33.06 0.39 0.17	34.32 0.44 0.56	34.37 0.44 0.16	33.72 0.56 0.26	34.03 0.55 0.00	38.35 0.70 1.25	38.07 0.65 0.02	51.30 0.98 0.00	55.67 1.32 0.00	48.96 1.09 0.00	44.02 1.07 0.00	44.46 0.92 0.00	41.20 0.76 0.00	38.74 0.76 0.00	35.96 0.70 0.00	37.55 0.84 0.00	56.80 1.26 0.00	46.76 1.24 0.00	61.14 1.37 0.00	35.66 0.75 0.00	33.74 0.50 0.28	36.37 0.40 0.00
RIVERBAY____ 323610	33.30 0.84 -0.20	35.86 0.80 -0.65	33.90 0.88 -0.18	35.99 0.98 -0.57	35.33 1.07 -0.17	34.86 1.17 -0.27	34.85 1.38 0.00	41.79 1.62 -1.28	39.09 1.63 -0.02	52.59 2.27 0.00	57.23 2.88 0.00	50.17 2.31 0.00	44.95 2.00 0.00	45.28 1.74 0.00	41.98 1.53 0.00	39.53 1.55 0.00	36.86 1.60 0.00	38.45 1.74 0.00	58.03 2.50 0.00	48.16 2.64 0.00	62.99 3.22 0.00	36.78 1.86 0.00	35.47 1.67 -0.29	37.50 1.53 0.00
RIVERSDE_115KV_TB3 55908	32.61 0.53 0.18	34.28 0.46 0.59	33.16 0.48 0.16	34.47 0.54 0.52	34.48 0.54 0.15	33.83 0.65 0.24	34.13 0.65 0.00	38.57 0.82 1.15	38.19 0.77 0.02	51.49 1.16 0.00	55.86 1.52 0.00	49.12 1.25 0.00	44.15 1.20 0.00	44.61 1.07 0.00	41.35 0.90 0.00	38.88 0.90 0.00	36.10 0.84 0.00	37.68 0.97 0.00	56.97 1.44 0.00	46.90 1.38 0.00	61.34 1.57 0.00	35.78 0.86 0.00	33.88 0.62 0.26	36.50 0.53 0.00
ROARING___BROOK_WT_PWR 323790	32.19 -0.07 0.00	34.37 -0.04 0.00	32.82 -0.02 0.00	34.37 -0.07 0.00	33.89 -0.20 0.00	33.09 -0.33 0.00	33.17 -0.30 0.00	38.66 -0.23 0.00	37.28 -0.16 0.00	50.07 -0.26 0.00	53.97 -0.37 0.00	47.59 -0.28 0.00	42.72 -0.23 0.00	43.30 -0.24 0.00	40.27 -0.17 0.00	37.72 -0.27 0.00	34.87 -0.39 0.00	36.23 -0.47 0.00	54.82 -0.71 0.00	44.92 -0.60 0.00	59.29 -0.48 0.00	34.73 -0.18 0.00	33.39 -0.13 0.00	35.93 -0.04 0.00
ROCHESRG_115KV_T4 355643	32.26 0.01 0.00	34.66 0.25 0.00	33.02 0.18 0.00	34.58 0.14 0.00	34.28 0.19 0.00	33.38 -0.04 0.00	33.21 -0.26 0.00	38.41 -0.48 0.00	36.94 -0.50 0.00	49.67 -0.65 0.00	53.54 -0.80 0.00	47.19 -0.68 0.00	42.38 -0.57 0.00	43.04 -0.50 0.00	39.98 -0.47 0.00	37.46 -0.52 0.00	34.66 -0.60 0.00	35.75 -0.96 0.00	54.04 -1.49 0.00	44.49 -1.03 0.00	58.41 -1.36 0.00	33.70 -1.21 0.00	32.50 -1.02 0.00	35.24 -0.72 0.00
ROCHESTER_9_IC 23652	32.46 0.20 0.00	34.85 0.45 0.00	33.21 0.37 0.00	34.77 0.33 0.00	34.47 0.37 0.00	33.58 0.15 0.00	33.41 -0.06 0.00	38.65 -0.24 0.00	37.18 -0.26 0.00	50.02 -0.31 0.00	53.91 -0.44 0.00	47.51 -0.36 0.00	42.68 -0.28 0.00	43.33 -0.20 0.00	40.25 -0.20 0.00	37.69 -0.29 0.00	34.88 -0.38 0.00	35.96 -0.75 0.00	54.37 -1.16 0.00	44.79 -0.73 0.00	58.82 -0.95 0.00	33.93 -0.99 0.00	32.70 -0.81 0.00	35.46 -0.51 0.00
ROCKVIEW_13_KV_LD 356306	33.33 0.88 -0.20	35.78 0.72 -0.65	33.64 0.63 -0.18	35.74 0.73 -0.57	35.02 0.76 -0.17	34.66 0.97 -0.27	34.71 1.23 0.00	41.62 1.45 -1.27	38.90 1.44 -0.02	52.34 2.02 0.00	56.95 2.61 0.00	49.98 2.12 0.00	44.78 1.82 0.00	45.09 1.55 0.00	41.80 1.35 0.00	39.35 1.37 0.00	36.68 1.42 0.00	38.29 1.58 0.00	57.86 2.33 0.00	47.93 2.40 0.00	62.71 2.94 0.00	36.61 1.69 0.00	35.35 1.56 -0.28	37.38 1.42 0.00

ROME____115KV_TB2 80656	33.55 1.30 0.00	35.70 1.29 0.00	34.04 1.21 0.00	35.76 1.33 0.00	35.47 1.37 0.00	34.71 1.29 0.00	34.82 1.35 0.00	40.62 1.72 0.00	39.23 1.79 0.00	52.99 2.66 0.00	57.34 2.99 0.00	50.41 2.55 0.00	45.11 2.16 0.00	45.58 2.04 0.00	42.32 1.88 0.00	39.69 1.70 0.00	36.82 1.56 0.00	38.26 1.55 0.00	57.87 2.34 0.00	47.74 2.22 0.00	62.67 2.90 0.00	36.52 1.60 0.00	34.91 1.39 0.00	37.43 1.47 0.00
ROSETON____1 23587	32.83 0.38 -0.19	35.29 0.25 -0.62	33.22 0.21 -0.17	35.27 0.28 -0.55	34.57 0.31 -0.16	34.18 0.50 -0.26	34.18 0.70 0.00	40.95 0.84 -1.22	38.30 0.84 -0.02	51.55 1.23 0.00	56.05 1.70 0.00	49.22 1.35 0.00	44.13 1.17 0.00	44.49 0.95 0.00	41.24 0.79 0.00	38.81 0.82 0.00	36.12 0.86 0.00	37.69 0.98 0.00	56.98 1.45 0.00	47.12 1.60 0.00	61.65 1.88 0.00	35.98 1.06 0.00	34.69 0.91 -0.27	36.75 0.79 0.00
ROSETON____2 23588	32.83 0.38 -0.19	35.29 0.25 -0.62	33.22 0.21 -0.17	35.27 0.28 -0.55	34.57 0.31 -0.16	34.18 0.50 -0.26	34.18 0.70 0.00	40.95 0.84 -1.22	38.30 0.84 -0.02	51.55 1.23 0.00	56.05 1.70 0.00	49.22 1.35 0.00	44.13 1.17 0.00	44.49 0.95 0.00	41.24 0.79 0.00	38.81 0.82 0.00	36.12 0.86 0.00	37.69 0.98 0.00	56.98 1.45 0.00	47.12 1.60 0.00	61.65 1.88 0.00	35.98 1.06 0.00	34.69 0.91 -0.27	36.75 0.79 0.00
ROTTRDAM_115KV_TB3 80664	32.58 0.46 0.13	34.42 0.46 0.44	33.16 0.44 0.12	34.53 0.48 0.39	34.48 0.50 0.11	33.81 0.57 0.18	34.12 0.65 0.00	38.79 0.76 0.86	38.20 0.77 0.02	51.46 1.13 0.00	55.78 1.44 0.00	49.08 1.22 0.00	44.10 1.14 0.00	44.59 1.05 0.00	41.36 0.91 0.00	38.86 0.89 0.00	36.10 0.85 0.00	37.67 0.96 0.00	56.93 1.40 0.00	46.88 1.35 0.00	61.38 1.61 0.00	35.80 0.88 0.00	34.04 0.72 0.20	36.64 0.68 0.00
RUSSELL____1 23602	32.60 0.34 0.00	35.00 0.59 0.00	33.34 0.50 0.00	34.91 0.47 0.00	34.60 0.51 0.00	33.71 0.29 0.00	33.56 0.08 0.00	38.83 -0.07 0.00	37.36 -0.09 0.00	50.27 -0.06 0.00	54.20 -0.15 0.00	47.78 -0.09 0.00	42.91 -0.05 0.00	43.57 0.03 0.00	40.46 0.01 0.00	37.90 -0.08 0.00	35.05 -0.21 0.00	36.13 -0.58 0.00	54.65 -0.88 0.00	45.02 -0.50 0.00	59.14 -0.63 0.00	34.11 -0.81 0.00	32.87 -0.65 0.00	35.63 -0.33 0.00
RUSSELL____2 23532	32.60 0.34 0.00	35.00 0.59 0.00	33.34 0.50 0.00	34.91 0.47 0.00	34.60 0.51 0.00	33.71 0.29 0.00	33.56 0.08 0.00	38.83 -0.07 0.00	37.36 -0.09 0.00	50.27 -0.06 0.00	54.20 -0.15 0.00	47.78 -0.09 0.00	42.91 -0.05 0.00	43.57 0.03 0.00	40.46 0.01 0.00	37.90 -0.08 0.00	35.05 -0.21 0.00	36.13 -0.58 0.00	54.65 -0.88 0.00	45.02 -0.50 0.00	59.14 -0.63 0.00	34.11 -0.81 0.00	32.87 -0.65 0.00	35.63 -0.33 0.00
RUSSELL____3 23549	32.60 0.34 0.00	35.00 0.59 0.00	33.34 0.50 0.00	34.91 0.47 0.00	34.60 0.51 0.00	33.71 0.29 0.00	33.56 0.08 0.00	38.83 -0.07 0.00	37.36 -0.09 0.00	50.27 -0.06 0.00	54.20 -0.15 0.00	47.78 -0.09 0.00	42.91 -0.05 0.00	43.57 0.03 0.00	40.46 0.01 0.00	37.90 -0.08 0.00	35.05 -0.21 0.00	36.13 -0.58 0.00	54.65 -0.88 0.00	45.02 -0.50 0.00	59.14 -0.63 0.00	34.11 -0.81 0.00	32.87 -0.65 0.00	35.63 -0.33 0.00
RUSSELL____4 23556	32.60 0.34 0.00	35.00 0.59 0.00	33.34 0.50 0.00	34.91 0.47 0.00	34.60 0.51 0.00	33.71 0.29 0.00	33.56 0.08 0.00	38.83 -0.07 0.00	37.36 -0.09 0.00	50.27 -0.06 0.00	54.20 -0.15 0.00	47.78 -0.09 0.00	42.91 -0.05 0.00	43.57 0.03 0.00	40.46 0.01 0.00	37.90 -0.08 0.00	35.05 -0.21 0.00	36.13 -0.58 0.00	54.65 -0.88 0.00	45.02 -0.50 0.00	59.14 -0.63 0.00	34.11 -0.81 0.00	32.87 -0.65 0.00	35.63 -0.33 0.00
RUSSELL____STATION 23914	32.60 0.34 0.00	35.00 0.59 0.00	33.34 0.50 0.00	34.91 0.47 0.00	34.60 0.51 0.00	33.71 0.29 0.00	33.56 0.08 0.00	38.83 -0.07 0.00	37.36 -0.09 0.00	50.27 -0.06 0.00	54.20 -0.15 0.00	47.78 -0.09 0.00	42.91 -0.05 0.00	43.57 0.03 0.00	40.46 0.01 0.00	37.90 -0.08 0.00	35.05 -0.21 0.00	36.13 -0.58 0.00	54.65 -0.88 0.00	45.02 -0.50 0.00	59.14 -0.63 0.00	34.11 -0.81 0.00	32.87 -0.65 0.00	35.63 -0.33 0.00
S SALMON____HYD 24043	32.13 -0.12 0.00	34.23 -0.17 0.00	32.66 -0.18 0.00	34.29 -0.15 0.00	33.96 -0.13 0.00	33.19 -0.23 0.00	33.14 -0.34 0.00	38.58 -0.32 0.00	37.23 -0.21 0.00	50.28 -0.04 0.00	54.44 0.10 0.00	47.89 0.03 0.00	42.90 -0.06 0.00	43.32 -0.22 0.00	40.15 -0.30 0.00	37.64 -0.34 0.00	34.84 -0.42 0.00	36.16 -0.55 0.00	54.66 -0.87 0.00	45.18 -0.34 0.00	59.40 -0.37 0.00	34.67 -0.25 0.00	33.25 -0.27 0.00	35.68 -0.28 0.00
S.PERRY__115KV_TB1 80734	33.48 1.22 0.00	35.97 1.56 0.00	34.28 1.44 0.00	36.05 1.61 0.00	35.85 1.76 0.00	35.00 1.58 0.00	35.11 1.63 0.00	40.75 1.85 0.00	39.16 1.72 0.00	52.75 2.43 0.00	56.86 2.52 0.00	50.04 2.17 0.00	44.72 1.77 0.00	45.22 1.68 0.00	41.90 1.45 0.00	39.27 1.28 0.00	36.38 1.12 0.00	37.21 0.50 0.00	56.27 0.74 0.00	47.01 1.49 0.00	61.82 2.05 0.00	35.68 0.76 0.00	34.17 0.65 0.00	36.86 0.90 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	32.39 0.13 0.00	34.94 0.53 0.00	33.29 0.45 0.00	34.81 0.37 0.00	34.50 0.41 0.00	33.45 0.03 0.00	33.12 -0.35 0.00	38.07 -0.82 0.00	36.51 -0.94 0.00	49.03 -1.29 0.00	52.66 -1.69 0.00	46.52 -1.35 0.00	41.80 -1.15 0.00	42.58 -0.96 0.00	39.58 -0.86 0.00	37.03 -0.96 0.00	34.22 -1.04 0.00	35.15 -1.56 0.00	53.06 -2.47 0.00	43.63 -1.89 0.00	57.28 -2.49 0.00	32.89 -2.03 0.00	31.89 -1.63 0.00	34.93 -1.03 0.00
SAWYER__23_KV_LOAD 55526	32.39 0.13 0.00	34.94 0.53 0.00	33.29 0.45 0.00	34.81 0.37 0.00	34.50 0.41 0.00	33.45 0.03 0.00	33.12 -0.35 0.00	38.07 -0.82 0.00	36.51 -0.94 0.00	49.03 -1.29 0.00	52.66 -1.69 0.00	46.52 -1.35 0.00	41.80 -1.15 0.00	42.58 -0.96 0.00	39.58 -0.86 0.00	37.03 -0.96 0.00	34.22 -1.04 0.00	35.15 -1.56 0.00	53.06 -2.47 0.00	43.63 -1.89 0.00	57.28 -2.49 0.00	32.89 -2.03 0.00	31.89 -1.63 0.00	34.93 -1.03 0.00
SELKIRK____I 23801	32.81 0.66 0.10	34.71 0.62 0.32	33.37 0.62 0.09	34.86 0.69 0.28	34.70 0.69 0.08	34.05 0.76 0.13	34.26 0.78 0.00	39.19 0.92 0.62	38.34 0.91 0.01	51.64 1.31 0.00	55.95 1.60 0.00	49.20 1.33 0.00	44.20 1.25 0.00	44.66 1.12 0.00	41.41 0.96 0.00	38.94 0.95 0.00	36.12 0.86 0.00	37.71 1.00 0.00	57.03 1.50 0.00	46.92 1.40 0.00	61.41 1.64 0.00	35.82 0.90 0.00	34.09 0.71 0.14	36.63 0.67 0.00
SELKIRK____II 23799	32.58 0.44 0.12	34.40 0.38 0.38	33.12 0.39 0.10	34.55 0.45 0.34	34.44 0.45 0.10	33.81 0.55 0.16	34.06 0.58 0.00	38.85 0.70 0.75	38.11 0.69 0.01	51.35 1.03 0.00	55.68 1.33 0.00	48.95 1.09 0.00	43.98 1.02 0.00	44.43 0.89 0.00	41.19 0.74 0.00	38.73 0.75 0.00	35.98 0.72 0.00	37.55 0.84 0.00	56.75 1.22 0.00	46.70 1.18 0.00	61.14 1.37 0.00	35.68 0.76 0.00	33.91 0.56 0.17	36.45 0.49 0.00

SENECA OSWGO___HYD 24041	31.99 -0.26 0.00	34.10 -0.31 0.00	32.55 -0.29 0.00	34.16 -0.28 0.00	33.86 -0.24 0.00	33.14 -0.28 0.00	33.12 -0.36 0.00	38.45 -0.44 0.00	37.04 -0.40 0.00	49.91 -0.41 0.00	53.96 -0.39 0.00	47.47 -0.39 0.00	42.58 -0.38 0.00	43.11 -0.43 0.00	40.01 -0.44 0.00	37.55 -0.43 0.00	34.85 -0.41 0.00	36.23 -0.47 0.00	54.75 -0.78 0.00	45.07 -0.45 0.00	59.10 -0.67 0.00	34.40 -0.52 0.00	32.97 -0.56 0.00	35.40 -0.57 0.00
SENECA___115KV_TB3 355854	32.81 0.56 0.00	35.38 0.97 0.00	33.69 0.85 0.00	35.26 0.82 0.00	34.97 0.88 0.00	33.91 0.49 0.00	33.63 0.16 0.00	38.67 -0.23 0.00	37.06 -0.38 0.00	49.86 -0.46 0.00	53.53 -0.82 0.00	47.29 -0.57 0.00	42.48 -0.48 0.00	43.23 -0.31 0.00	40.17 -0.27 0.00	37.56 -0.42 0.00	34.71 -0.54 0.00	35.66 -1.05 0.00	53.82 -1.71 0.00	44.32 -1.20 0.00	58.17 -1.60 0.00	33.40 -1.51 0.00	32.34 -1.18 0.00	35.40 -0.56 0.00
SENECA___ENERGY 23797	32.32 0.07 0.00	34.55 0.14 0.00	32.96 0.13 0.00	34.62 0.18 0.00	34.40 0.31 0.00	33.68 0.26 0.00	33.71 0.23 0.00	39.15 0.25 0.00	37.57 0.14 0.00	50.67 0.35 0.00	54.74 0.40 0.00	48.15 0.28 0.00	43.17 0.21 0.00	43.69 0.16 0.00	40.55 0.10 0.00	38.05 0.07 0.00	35.34 0.08 0.00	36.64 -0.07 0.00	55.29 -0.23 0.00	45.58 0.07 0.00	59.79 0.02 0.00	34.68 -0.23 0.00	33.21 -0.31 0.00	35.72 -0.24 0.00
SHOEMAKER___GT 23640	32.88 0.45 -0.16	35.30 0.36 -0.54	33.28 0.30 -0.15	35.31 0.39 -0.48	34.65 0.42 -0.14	34.23 0.59 -0.22	34.27 0.80 0.00	40.92 0.97 -1.06	38.43 0.97 -0.02	51.71 1.39 0.00	56.19 1.85 0.00	49.33 1.47 0.00	44.23 1.27 0.00	44.60 1.06 0.00	41.32 0.87 0.00	38.88 0.90 0.00	36.18 0.92 0.00	37.74 1.03 0.00	57.09 1.56 0.00	47.21 1.69 0.00	61.81 2.04 0.00	36.06 1.14 0.00	34.75 1.00 -0.23	36.86 0.89 0.00
SHOEMAKR_138KV_BK 111 55601	32.86 0.44 -0.16	35.29 0.34 -0.54	33.27 0.28 -0.15	35.29 0.38 -0.47	34.64 0.41 -0.14	34.22 0.58 -0.22	34.26 0.79 0.00	40.89 0.95 -1.04	38.41 0.95 -0.02	51.70 1.38 0.00	56.17 1.83 0.00	49.32 1.46 0.00	44.21 1.25 0.00	44.56 1.02 0.00	41.31 0.86 0.00	38.84 0.86 0.00	36.17 0.92 0.00	37.74 1.03 0.00	57.06 1.53 0.00	47.19 1.67 0.00	61.78 2.01 0.00	36.04 1.13 0.00	34.74 0.99 -0.23	36.86 0.89 0.00
SHOREHAM_IC_1 23715	33.77 1.04 -0.47	36.28 1.10 -0.76	34.04 1.03 -0.18	36.38 1.37 -0.57	35.62 1.37 -0.17	35.62 1.93 -0.27	35.77 2.30 0.00	42.74 2.58 -1.27	39.47 2.00 -0.02	51.70 1.38 0.00	56.36 2.02 0.00	49.51 1.64 0.00	44.15 1.20 0.00	44.37 0.84 0.00	41.27 0.82 0.00	38.94 0.96 0.00	36.44 1.17 -0.01	38.20 1.49 0.00	58.31 2.78 0.00	48.37 2.85 0.00	62.55 2.78 0.00	36.34 1.42 0.00	35.33 1.53 -0.28	37.02 1.05 0.00
SHOREHAM_IC_2 23716	33.77 1.04 -0.47	36.28 1.10 -0.76	34.04 1.03 -0.18	36.38 1.37 -0.57	35.62 1.37 -0.17	35.62 1.93 -0.27	35.77 2.30 0.00	42.74 2.58 -1.27	39.47 2.00 -0.02	51.70 1.38 0.00	56.36 2.02 0.00	49.51 1.64 0.00	44.15 1.20 0.00	44.37 0.84 0.00	41.27 0.82 0.00	38.94 0.96 0.00	36.44 1.17 -0.01	38.20 1.49 0.00	58.31 2.78 0.00	48.37 2.85 0.00	62.55 2.78 0.00	36.34 1.42 0.00	35.33 1.53 -0.28	37.02 1.05 0.00
SISSONVILLE___ 23735	31.76 -0.49 0.00	34.02 -0.39 0.00	32.45 -0.38 0.00	33.93 -0.51 0.00	33.48 -0.61 0.00	32.67 -0.75 0.00	32.66 -0.81 0.00	38.08 -0.82 0.00	36.68 -0.76 0.00	49.13 -1.19 0.00	52.83 -1.51 0.00	46.61 -1.25 0.00	41.83 -1.12 0.00	42.48 -1.06 0.00	39.54 -0.91 0.00	37.09 -0.89 0.00	34.35 -0.91 0.00	35.70 -1.01 0.00	54.15 -1.38 0.00	44.08 -1.44 0.00	58.19 -1.58 0.00	34.11 -0.81 0.00	33.02 -0.49 0.00	35.56 -0.40 0.00
SITHE_IND_GS1 24169	31.64 -0.62 0.00	33.77 -0.64 0.00	32.22 -0.62 0.00	33.79 -0.64 0.00	33.50 -0.59 0.00	32.77 -0.64 0.00	32.74 -0.74 0.00	37.99 -0.91 0.00	36.58 -0.86 0.00	49.25 -1.08 0.00	53.22 -1.13 0.00	46.85 -1.02 0.00	42.03 -0.92 0.00	42.58 -0.97 0.00	39.52 -0.92 0.00	37.11 -0.88 0.00	34.43 -0.83 0.00	35.79 -0.91 0.00	54.09 -1.44 0.00	44.48 -1.04 0.00	58.34 -1.43 0.00	33.98 -0.94 0.00	32.60 -0.92 0.00	35.02 -0.94 0.00
SITHE_IND_GS2 24170	31.64 -0.62 0.00	33.77 -0.64 0.00	32.22 -0.62 0.00	33.79 -0.64 0.00	33.50 -0.59 0.00	32.77 -0.64 0.00	32.74 -0.74 0.00	37.99 -0.91 0.00	36.58 -0.86 0.00	49.25 -1.08 0.00	53.22 -1.13 0.00	46.85 -1.02 0.00	42.03 -0.92 0.00	42.58 -0.97 0.00	39.52 -0.92 0.00	37.11 -0.88 0.00	34.43 -0.83 0.00	35.79 -0.91 0.00	54.09 -1.44 0.00	44.48 -1.04 0.00	58.34 -1.43 0.00	33.98 -0.94 0.00	32.60 -0.92 0.00	35.02 -0.94 0.00
SITHE_IND_GS3 24171	31.64 -0.62 0.00	33.77 -0.64 0.00	32.22 -0.62 0.00	33.79 -0.64 0.00	33.50 -0.59 0.00	32.77 -0.64 0.00	32.74 -0.74 0.00	37.99 -0.91 0.00	36.58 -0.86 0.00	49.25 -1.08 0.00	53.22 -1.13 0.00	46.85 -1.02 0.00	42.03 -0.92 0.00	42.58 -0.97 0.00	39.52 -0.92 0.00	37.11 -0.88 0.00	34.43 -0.83 0.00	35.79 -0.91 0.00	54.09 -1.44 0.00	44.48 -1.04 0.00	58.34 -1.43 0.00	33.98 -0.94 0.00	32.60 -0.92 0.00	35.02 -0.94 0.00
SITHE_IND_GS4 24172	31.64 -0.62 0.00	33.77 -0.64 0.00	32.22 -0.62 0.00	33.79 -0.64 0.00	33.50 -0.59 0.00	32.77 -0.64 0.00	32.74 -0.74 0.00	37.99 -0.91 0.00	36.58 -0.86 0.00	49.25 -1.08 0.00	53.22 -1.13 0.00	46.85 -1.02 0.00	42.03 -0.92 0.00	42.58 -0.97 0.00	39.52 -0.92 0.00	37.11 -0.88 0.00	34.43 -0.83 0.00	35.79 -0.91 0.00	54.09 -1.44 0.00	44.48 -1.04 0.00	58.34 -1.43 0.00	33.98 -0.94 0.00	32.60 -0.92 0.00	35.02 -0.94 0.00
SITHE___BATAVIA 24024	33.06 0.81 0.00	35.55 1.15 0.00	33.89 1.05 0.00	35.45 1.01 0.00	35.16 1.07 0.00	34.16 0.74 0.00	33.87 0.39 0.00	39.03 0.13 0.00	37.51 0.07 0.00	50.38 0.14 0.08	54.26 -0.08 0.00	46.97 0.01 0.90	43.02 0.07 0.00	43.73 0.19 0.00	40.55 0.10 0.00	37.87 -0.11 0.00	34.97 -0.29 0.00	35.96 -0.75 0.00	54.33 -1.20 0.00	44.85 -0.66 0.00	58.95 -0.83 0.00	33.85 -1.07 0.00	32.75 -0.77 0.00	35.75 -0.21 0.00
SITHE___INDEPEND 23800	31.64 -0.62 0.00	33.77 -0.64 0.00	32.22 -0.62 0.00	33.80 -0.64 0.00	33.50 -0.59 0.00	32.77 -0.64 0.00	32.74 -0.74 0.00	37.99 -0.91 0.00	36.58 -0.86 0.00	49.25 -1.08 0.00	53.22 -1.13 0.00	46.85 -1.01 0.00	42.03 -0.92 0.00	42.57 -0.97 0.00	39.52 -0.92 0.00	37.11 -0.88 0.00	34.43 -0.83 0.00	35.79 -0.91 0.00	54.09 -1.44 0.00	44.48 -1.04 0.00	58.34 -1.43 0.00	33.98 -0.94 0.00	32.59 -0.92 0.00	35.02 -0.94 0.00
SITHE___MASSENA 23902	32.42 0.16 0.00	34.75 0.34 0.00	33.16 0.33 0.00	34.67 0.23 0.00	34.24 0.14 0.00	33.44 0.02 0.00	33.41 -0.06 0.00	38.86 -0.03 0.00	37.37 -0.07 0.00	50.01 -0.31 0.00	53.76 -0.59 0.00	47.43 -0.43 0.00	42.61 -0.35 0.00	43.36 -0.18 0.00	40.37 -0.08 0.00	37.88 -0.11 0.00	35.10 -0.15 0.00	36.49 -0.22 0.00	55.33 -0.20 0.00	44.96 -0.57 0.00	59.26 -0.51 0.00	34.72 -0.20 0.00	33.61 0.09 0.00	36.21 0.24 0.00

SITHE___OGDNSBRG 24021	32.69 0.43 0.00	35.04 0.64 0.00	33.45 0.61 0.00	34.97 0.53 0.00	34.51 0.42 0.00	33.71 0.28 0.00	33.70 0.23 0.00	39.25 0.36 0.00	37.79 0.35 0.00	50.56 0.23 0.00	54.31 -0.04 0.00	47.90 0.04 0.00	42.99 0.03 0.00	43.71 0.17 0.00	40.69 0.24 0.00	38.18 0.20 0.00	35.38 0.12 0.00	36.78 0.07 0.00	55.72 0.19 0.00	45.37 -0.15 0.00	59.92 0.14 0.00	35.08 0.16 0.00	33.96 0.44 0.00	36.56 0.60 0.00
SITHE___STERLING 23777	33.20 0.94 0.00	35.34 0.93 0.00	33.74 0.90 0.00	35.43 0.99 0.00	35.14 1.05 0.00	34.42 1.00 0.00	34.53 1.05 0.00	40.20 1.31 0.00	38.78 1.34 0.00	52.33 2.01 0.00	56.62 2.27 0.00	49.79 1.92 0.00	44.57 1.61 0.00	45.07 1.53 0.00	41.85 1.40 0.00	39.26 1.28 0.00	36.45 1.19 0.00	37.89 1.18 0.00	57.30 1.78 0.00	47.23 1.71 0.00	61.99 2.22 0.00	36.08 1.17 0.00	34.51 0.99 0.00	37.00 1.04 0.00
SLEIGHT__34_KV_TB1 80719	32.28 0.03 0.00	34.57 0.16 0.00	32.93 0.09 0.00	34.50 0.06 0.00	34.25 0.16 0.00	33.46 0.04 0.00	33.39 -0.09 0.00	38.72 -0.18 0.00	37.27 -0.17 0.00	50.16 -0.16 0.00	54.18 -0.16 0.00	47.69 -0.18 0.00	42.83 -0.13 0.00	43.44 -0.10 0.00	40.30 -0.15 0.00	37.78 -0.20 0.00	35.02 -0.24 0.00	36.23 -0.48 0.00	54.74 -0.79 0.00	45.06 -0.46 0.00	59.18 -0.59 0.00	34.23 -0.69 0.00	32.89 -0.63 0.00	35.50 -0.47 0.00
SOUTH CAIRO___GT 23612	34.35 2.15 0.06	36.42 2.21 0.20	34.93 2.15 0.05	36.56 2.29 0.18	36.29 2.25 0.05	35.63 2.29 0.08	35.77 2.29 0.00	41.35 2.84 0.39	40.32 2.89 0.01	54.47 4.15 0.00	59.05 4.71 0.00	51.95 4.08 0.00	46.71 3.75 0.00	47.10 3.56 0.00	43.69 3.24 0.00	41.09 3.10 0.00	38.34 3.09 0.00	40.08 3.37 0.00	60.38 4.85 0.00	49.55 4.03 0.00	64.72 4.95 0.00	37.60 2.68 0.00	35.70 2.27 0.09	38.25 2.28 0.00
SOUTH HAMPTN___IC 23720	34.35 1.63 -0.47	36.84 1.67 -0.76	34.56 1.54 -0.18	36.77 1.75 -0.57	35.92 1.66 -0.17	35.87 2.18 -0.27	36.04 2.56 0.00	43.08 2.91 -1.27	39.86 2.40 -0.02	52.37 2.04 0.00	57.12 2.77 0.00	50.15 2.29 0.00	44.73 1.78 0.00	44.96 1.42 0.00	41.81 1.36 0.00	39.43 1.45 0.00	36.93 1.66 -0.01	38.87 2.17 0.00	59.50 3.97 0.00	49.34 3.82 0.00	63.87 4.10 0.00	36.84 1.93 0.00	35.78 1.98 -0.28	37.46 1.50 0.00
SOUTHDOW__115KV_TB1 355954	34.03 1.78 0.00	36.63 2.23 0.00	34.83 1.99 0.00	36.60 2.16 0.00	36.38 2.29 0.00	35.27 1.85 0.00	35.16 1.69 0.00	40.62 1.72 0.00	38.86 1.42 0.00	52.43 2.11 0.00	56.42 2.07 0.00	49.83 1.96 0.00	44.56 1.61 0.00	45.16 1.62 0.00	41.96 1.51 0.00	39.24 1.26 0.00	36.34 1.08 0.00	37.37 0.66 0.00	56.41 0.87 0.00	46.67 1.15 0.00	61.18 1.41 0.00	35.18 0.26 0.00	33.85 0.33 0.00	36.97 1.01 0.00
SOUTHOLD_69_KV_BK 2 55809	34.60 1.88 -0.47	37.07 1.90 -0.76	34.77 1.76 -0.18	36.90 1.89 -0.57	36.02 1.76 -0.17	35.98 2.29 -0.27	36.17 2.70 0.00	43.24 3.07 -1.27	40.03 2.57 -0.02	52.59 2.27 0.00	57.43 3.08 0.00	50.42 2.55 0.00	44.95 1.99 0.00	45.18 1.64 0.00	42.01 1.56 0.00	39.62 1.64 0.00	37.11 1.85 -0.01	39.23 2.52 0.00	60.08 4.55 0.00	49.80 4.28 0.00	64.45 4.68 0.00	36.99 2.07 0.00	35.95 2.15 -0.28	37.61 1.65 0.00
SOUTHOLD___IC 23719	34.60 1.87 -0.47	37.07 1.90 -0.76	34.77 1.76 -0.18	36.90 1.89 -0.57	36.02 1.76 -0.17	35.98 2.29 -0.27	36.17 2.70 0.00	43.23 3.07 -1.27	40.03 2.57 -0.02	52.60 2.27 0.00	57.42 3.08 0.00	50.42 2.55 0.00	44.95 1.99 0.00	45.18 1.64 0.00	42.01 1.56 0.00	39.62 1.64 0.00	37.12 1.85 -0.01	39.23 2.52 0.00	60.07 4.54 0.00	49.80 4.28 0.00	64.46 4.68 0.00	36.99 2.07 0.00	35.95 2.15 -0.28	37.61 1.65 0.00
SOUTH_FORK_WT_PWR 323839	34.65 1.92 -0.47	37.10 1.93 -0.76	34.79 1.78 -0.18	36.80 1.78 -0.57	35.83 1.58 -0.17	35.79 2.10 -0.27	35.98 2.50 0.00	43.01 2.84 -1.27	39.82 2.36 -0.02	52.27 1.95 0.00	57.10 2.76 0.00	50.12 2.26 0.00	44.69 1.74 0.00	44.93 1.39 0.00	41.77 1.32 0.00	39.39 1.41 0.00	36.91 1.64 -0.01	39.19 2.48 0.00	60.20 4.67 0.00	49.90 4.38 0.00	64.58 4.81 0.00	36.83 1.91 0.00	35.81 2.01 -0.28	37.41 1.45 0.00
SPIERFLS_115KV_TB 1 80737	32.56 0.48 0.17	34.58 0.74 0.56	33.38 0.70 0.15	34.63 0.69 0.50	34.74 0.79 0.14	34.05 0.87 0.23	34.51 1.04 0.00	39.10 1.30 1.10	38.74 1.32 0.02	52.36 2.04 0.00	56.91 2.57 0.00	50.12 2.26 0.00	45.04 2.08 0.00	45.51 1.97 0.00	42.15 1.70 0.00	39.62 1.64 0.00	36.85 1.60 0.00	38.53 1.82 0.00	58.39 2.86 0.00	48.33 2.81 0.00	62.94 3.17 0.00	36.62 1.71 0.00	34.64 1.37 0.25	37.26 1.30 0.00
ST LAWRENCE____ 23600	32.13 -0.13 0.00	34.43 0.02 0.00	32.86 0.03 0.00	34.36 -0.08 0.00	33.93 -0.16 0.00	33.14 -0.28 0.00	33.13 -0.35 0.00	38.52 -0.38 0.00	37.03 -0.41 0.00	49.54 -0.78 0.00	53.26 -1.09 0.00	47.01 -0.86 0.00	42.23 -0.72 0.00	43.00 -0.54 0.00	40.03 -0.42 0.00	37.57 -0.41 0.00	34.81 -0.45 0.00	36.21 -0.50 0.00	54.89 -0.64 0.00	44.58 -0.94 0.00	58.75 -1.02 0.00	34.42 -0.50 0.00	33.31 -0.20 0.00	35.88 -0.09 0.00
STATE_CA_115KV_115_LB 55624	32.79 0.71 0.17	34.49 0.65 0.56	33.35 0.66 0.15	34.67 0.73 0.49	34.68 0.72 0.14	34.01 0.83 0.23	34.32 0.84 0.00	38.83 1.04 1.10	38.44 1.01 0.02	51.80 1.48 0.00	56.20 1.86 0.00	49.45 1.58 0.00	44.44 1.49 0.00	44.90 1.36 0.00	41.61 1.16 0.00	39.12 1.14 0.00	36.32 1.06 0.00	37.91 1.20 0.00	57.30 1.77 0.00	47.17 1.64 0.00	61.68 1.91 0.00	35.98 1.06 0.00	34.10 0.82 0.25	36.71 0.74 0.00
STATE_ST_34_KV_LOAD 55959	32.73 0.48 0.00	34.98 0.57 0.00	33.24 0.40 0.00	34.88 0.43 0.00	34.74 0.64 0.00	34.04 0.62 0.00	34.06 0.58 0.00	39.57 0.67 0.00	37.99 0.55 0.00	51.20 0.88 0.00	55.42 1.08 0.00	48.58 0.71 0.00	43.67 0.71 0.00	44.21 0.67 0.00	40.92 0.47 0.00	38.40 0.42 0.00	35.65 0.39 0.00	37.02 0.32 0.00	55.91 0.37 0.00	46.07 0.55 0.00	60.52 0.75 0.00	35.20 0.28 0.00	33.72 0.20 0.00	36.29 0.32 0.00
STATION 5_MISC_HYD 23604	32.46 0.20 0.00	34.83 0.42 0.00	33.21 0.37 0.00	34.77 0.33 0.00	34.47 0.38 0.00	33.58 0.16 0.00	33.41 -0.06 0.00	38.66 -0.24 0.00	37.18 -0.26 0.00	49.97 -0.31 0.05	53.91 -0.43 0.00	46.96 -0.36 0.55	42.68 -0.28 0.00	43.34 -0.20 0.00	40.25 -0.20 0.00	37.70 -0.28 0.00	34.88 -0.38 0.00	35.95 -0.75 0.00	54.37 -1.16 0.00	44.79 -0.73 0.00	58.81 -0.96 0.00	33.93 -0.98 0.00	32.71 -0.81 0.00	35.46 -0.51 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	32.66 0.40 0.00	34.99 0.58 0.00	33.36 0.53 0.00	34.99 0.55 0.00	34.70 0.61 0.00	33.89 0.47 0.00	33.82 0.35 0.00	39.22 0.32 0.00	37.72 0.28 0.00	50.82 0.49 0.00	54.82 0.47 0.00	48.29 0.43 0.00	43.33 0.37 0.00	43.93 0.39 0.00	40.79 0.34 0.00	38.23 0.25 0.00	35.42 0.16 0.00	36.63 -0.08 0.00	55.36 -0.17 0.00	45.61 0.09 0.00	59.85 0.08 0.00	34.60 -0.32 0.00	33.23 -0.29 0.00	35.88 -0.09 0.00

STA_56___34_KV_BUS2_REV_LBMP_B 345033	32.27 0.02 0.00	34.64 0.23 0.00	33.00 0.17 0.00	34.56 0.12 0.00	34.26 0.16 0.00	33.39 -0.04 0.00	33.25 -0.23 0.00	38.48 -0.42 0.00	37.02 -0.42 0.00	49.82 -0.51 0.00	53.72 -0.63 0.00	47.34 -0.52 0.00	42.51 -0.44 0.00	43.17 -0.37 0.00	40.09 -0.36 0.00	37.56 -0.42 0.00	34.76 -0.50 0.00	35.85 -0.86 0.00	54.23 -1.30 0.00	44.64 -0.88 0.00	58.62 -1.15 0.00	33.83 -1.09 0.00	32.59 -0.93 0.00	35.29 -0.67 0.00
STA_56___34_KV_BUS2 355883	32.27 0.02 0.00	34.64 0.23 0.00	33.00 0.17 0.00	34.56 0.12 0.00	34.26 0.16 0.00	33.39 -0.04 0.00	33.25 -0.23 0.00	38.48 -0.42 0.00	37.02 -0.42 0.00	49.82 -0.51 0.00	53.72 -0.63 0.00	47.34 -0.52 0.00	42.51 -0.44 0.00	43.17 -0.37 0.00	40.09 -0.36 0.00	37.56 -0.42 0.00	34.76 -0.50 0.00	35.85 -0.86 0.00	54.23 -1.30 0.00	44.64 -0.88 0.00	58.62 -1.15 0.00	33.83 -1.09 0.00	32.59 -0.93 0.00	35.29 -0.67 0.00
STA_67___115KV_BK2 355882	32.39 0.13 0.00	34.79 0.38 0.00	33.14 0.31 0.00	34.70 0.27 0.00	34.40 0.31 0.00	33.51 0.09 0.00	33.34 -0.13 0.00	38.56 -0.33 0.00	37.09 -0.35 0.00	49.89 -0.43 0.00	53.77 -0.57 0.00	47.40 -0.47 0.00	42.57 -0.39 0.00	43.23 -0.31 0.00	40.15 -0.30 0.00	37.61 -0.37 0.00	34.80 -0.46 0.00	35.88 -0.83 0.00	54.25 -1.28 0.00	44.68 -0.85 0.00	58.67 -1.11 0.00	33.84 -1.08 0.00	32.62 -0.90 0.00	35.38 -0.58 0.00
STA_7___115KV_9TRANS 80674	32.60 0.34 0.00	35.00 0.59 0.00	33.34 0.50 0.00	34.91 0.47 0.00	34.60 0.51 0.00	33.71 0.29 0.00	33.56 0.08 0.00	38.83 -0.07 0.00	37.36 -0.09 0.00	50.27 -0.06 0.00	54.20 -0.15 0.00	47.78 -0.09 0.00	42.91 -0.05 0.00	43.57 0.03 0.00	40.46 0.01 0.00	37.90 -0.08 0.00	35.05 -0.21 0.00	36.13 -0.58 0.00	54.65 -0.88 0.00	45.02 -0.50 0.00	59.14 -0.63 0.00	34.11 -0.81 0.00	32.87 -0.65 0.00	35.63 -0.33 0.00
STA_82___115KV_TB1 80780	32.41 0.15 0.00	34.81 0.40 0.00	33.17 0.33 0.00	34.73 0.29 0.00	34.42 0.33 0.00	33.54 0.11 0.00	33.37 -0.11 0.00	38.59 -0.30 0.00	37.13 -0.31 0.00	49.92 -0.40 0.00	53.83 -0.52 0.00	47.43 -0.44 0.00	42.60 -0.35 0.00	43.26 -0.28 0.00	40.18 -0.27 0.00	37.64 -0.34 0.00	34.83 -0.43 0.00	35.89 -0.82 0.00	54.29 -1.25 0.00	44.71 -0.82 0.00	58.71 -1.07 0.00	33.87 -1.05 0.00	32.66 -0.86 0.00	35.40 -0.56 0.00
STEEL___WIND 323596	32.76 0.51 0.00	35.27 0.87 0.00	33.64 0.80 0.00	35.22 0.78 0.00	34.94 0.85 0.00	33.88 0.46 0.00	33.60 0.12 0.00	38.63 -0.26 0.00	37.00 -0.44 0.00	49.70 -0.50 0.12	53.47 -0.88 0.00	45.93 -0.59 1.34	42.46 -0.50 0.00	43.20 -0.34 0.00	40.15 -0.30 0.00	37.53 -0.45 0.00	34.67 -0.59 0.00	35.62 -1.08 0.00	53.76 -1.77 0.00	44.28 -1.24 0.00	58.11 -1.66 0.00	33.36 -1.55 0.00	32.31 -1.21 0.00	35.36 -0.61 0.00
STEPHTWN_115KV_BK_2 55603	32.92 0.82 0.16	34.60 0.72 0.53	33.39 0.70 0.14	34.72 0.74 0.47	34.71 0.75 0.13	34.11 0.91 0.22	34.46 0.99 0.00	39.11 1.25 1.03	38.70 1.27 0.02	52.22 1.90 0.00	56.58 2.23 0.00	49.70 1.84 0.00	44.64 1.69 0.00	45.10 1.56 0.00	41.78 1.33 0.00	39.23 1.25 0.00	36.52 1.25 0.00	38.12 1.41 0.00	57.78 2.24 0.00	47.47 1.95 0.00	62.18 2.41 0.00	36.20 1.28 0.00	34.30 1.01 0.23	36.93 0.97 0.00
STEUBEN_REC_LFGE 323667	32.78 0.53 0.00	35.42 1.01 0.00	33.75 0.91 0.00	35.74 1.31 0.00	35.67 1.57 0.00	34.82 1.40 0.00	35.02 1.54 0.00	40.70 1.81 0.00	38.97 1.53 0.00	52.50 2.18 0.00	56.54 2.20 0.00	49.81 1.94 0.00	44.48 1.52 0.00	44.93 1.39 0.00	41.68 1.23 0.00	39.19 1.21 0.00	36.38 1.12 0.00	37.65 0.94 0.00	56.65 1.13 0.00	46.94 1.42 0.00	61.42 1.65 0.00	35.49 0.58 0.00	33.88 0.36 0.00	36.51 0.55 0.00
STILLWATER___SOLAR 323814	32.79 0.73 0.19	34.59 0.81 0.63	33.46 0.79 0.17	34.71 0.83 0.55	34.80 0.87 0.16	34.11 0.94 0.26	34.51 1.04 0.00	38.94 1.27 1.22	38.66 1.24 0.02	52.17 1.84 0.00	56.65 2.31 0.00	49.87 2.01 0.00	44.83 1.87 0.00	45.31 1.76 0.00	41.97 1.53 0.00	39.45 1.46 0.00	36.64 1.39 0.00	38.28 1.57 0.00	57.94 2.41 0.00	47.79 2.27 0.00	62.38 2.61 0.00	36.35 1.43 0.00	34.38 1.13 0.27	37.04 1.08 0.00
STONY___BROOK 24151	33.93 1.20 -0.48	36.26 1.09 -0.76	34.05 1.04 -0.18	36.34 1.33 -0.57	35.59 1.33 -0.17	35.44 1.75 -0.27	35.58 2.10 0.00	42.56 2.40 -1.27	39.44 1.98 -0.02	52.37 2.05 0.00	57.07 2.72 0.00	50.16 2.29 0.00	44.79 1.83 0.00	45.03 1.49 0.00	41.87 1.42 0.00	39.50 1.52 0.00	36.94 1.68 -0.01	38.65 1.94 0.00	58.62 3.09 0.00	48.59 3.08 0.00	63.21 3.44 0.00	36.79 1.87 0.00	35.67 1.87 -0.28	37.49 1.53 0.00
STURGEON_POOL_HYD 23609	32.56 0.21 -0.10	34.79 0.06 -0.31	32.91 -0.01 -0.09	34.80 0.09 -0.28	34.26 0.09 -0.08	33.87 0.32 -0.13	34.03 0.56 0.00	40.24 0.73 -0.61	38.16 0.71 -0.01	51.37 1.05 0.00	55.88 1.54 0.00	49.06 1.19 0.00	43.98 1.02 0.00	44.35 0.81 0.00	41.11 0.66 0.00	38.70 0.72 0.00	37.03 1.78 0.00	38.62 1.92 0.00	57.54 2.01 0.00	47.01 1.49 0.00	61.53 1.76 0.00	35.91 0.99 0.00	34.54 0.88 -0.13	36.68 0.71 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.95 0.52 -0.17	35.39 0.43 -0.56	33.34 0.35 -0.15	35.38 0.46 -0.49	34.72 0.49 -0.14	34.32 0.67 -0.23	34.39 0.92 0.00	41.09 1.10 -1.09	38.56 1.10 -0.02	51.89 1.56 0.00	56.42 2.07 0.00	49.52 1.65 0.00	44.37 1.42 0.00	44.70 1.16 0.00	41.44 0.99 0.00	38.98 1.00 0.00	36.32 1.06 0.00	37.89 1.18 0.00	57.28 1.75 0.00	47.41 1.89 0.00	62.07 2.29 0.00	36.21 1.29 0.00	34.91 1.15 -0.24	37.00 1.04 0.00
SWANROAD_115KV_TB1 355699	31.77 -0.49 0.00	34.26 -0.14 0.00	32.65 -0.18 0.00	34.13 -0.31 0.00	33.82 -0.28 0.00	32.80 -0.62 0.00	32.36 -1.11 0.00	37.12 -1.77 0.00	35.61 -1.83 0.00	47.77 -2.55 0.00	51.28 -3.06 0.00	45.29 -2.57 0.00	40.78 -2.18 0.00	41.53 -2.01 0.00	38.60 -1.85 0.00	36.11 -1.87 0.00	33.36 -1.90 0.00	34.23 -2.48 0.00	51.67 -3.86 0.00	42.47 -3.05 0.00	55.78 -3.99 0.00	32.00 -2.92 0.00	31.09 -2.43 0.00	34.16 -1.80 0.00
SYNERGY___BIOGAS 323694	33.06 0.81 0.00	35.55 1.15 0.00	33.89 1.05 0.00	35.45 1.01 0.00	35.16 1.07 0.00	34.16 0.74 0.00	33.87 0.39 0.00	39.03 0.13 0.00	37.51 0.07 0.00	50.38 0.14 0.08	54.26 -0.08 0.00	46.97 0.01 0.90	43.02 0.07 0.00	43.73 0.19 0.00	40.55 0.10 0.00	37.87 -0.11 0.00	34.97 -0.29 0.00	35.96 -0.75 0.00	54.33 -1.20 0.00	44.85 -0.66 0.00	58.95 -0.83 0.00	33.85 -1.07 0.00	32.75 -0.77 0.00	35.75 -0.21 0.00
SYRACUSE___ENERGY_ST1 323597	32.42 0.16 0.00	34.59 0.18 0.00	32.97 0.14 0.00	34.60 0.16 0.00	34.33 0.24 0.00	33.61 0.19 0.00	33.62 0.14 0.00	39.04 0.15 0.00	37.58 0.14 0.00	50.64 0.31 0.00	54.75 0.41 0.00	48.17 0.30 0.00	43.21 0.26 0.00	43.73 0.19 0.00	40.58 0.14 0.00	38.10 0.12 0.00	35.37 0.11 0.00	36.76 0.06 0.00	55.54 0.01 0.00	45.72 0.20 0.00	59.98 0.20 0.00	34.88 -0.03 0.00	33.43 -0.09 0.00	35.91 -0.06 0.00

SYRACUSE___ENERGY_ST2 323598	32.42 0.16 0.00	34.59 0.18 0.00	32.97 0.14 0.00	34.60 0.16 0.00	34.33 0.24 0.00	33.61 0.19 0.00	33.62 0.14 0.00	39.04 0.15 0.00	37.58 0.14 0.00	50.64 0.31 0.00	54.75 0.41 0.00	48.17 0.30 0.00	43.21 0.26 0.00	43.73 0.19 0.00	40.58 0.14 0.00	38.10 0.12 0.00	35.37 0.11 0.00	36.76 0.06 0.00	55.54 0.01 0.00	45.72 0.20 0.00	59.98 0.20 0.00	34.88 -0.03 0.00	33.43 -0.09 0.00	35.91 -0.06 0.00
SYRACUSE___POWER 24017	32.39 0.13 0.00	34.55 0.14 0.00	32.96 0.12 0.00	34.59 0.15 0.00	34.30 0.21 0.00	33.58 0.16 0.00	33.59 0.12 0.00	39.01 0.12 0.00	37.56 0.12 0.00	50.62 0.29 0.00	54.74 0.39 0.00	48.18 0.31 0.00	43.19 0.24 0.00	43.72 0.18 0.00	40.59 0.14 0.00	38.10 0.12 0.00	35.38 0.12 0.00	36.77 0.06 0.00	55.55 0.02 0.00	45.74 0.22 0.00	59.99 0.22 0.00	34.88 -0.04 0.00	33.42 -0.10 0.00	35.90 -0.06 0.00
TALLMAN__138KV_BK151 55660	33.07 0.63 -0.18	35.55 0.53 -0.61	33.44 0.44 -0.17	35.54 0.56 -0.53	34.84 0.59 -0.16	34.46 0.79 -0.25	34.54 1.06 0.00	41.36 1.28 -1.18	38.72 1.26 -0.02	52.12 1.80 0.00	56.70 2.35 0.00	49.72 1.85 0.00	44.54 1.58 0.00	44.84 1.30 0.00	41.54 1.10 0.00	39.09 1.10 0.00	36.43 1.17 0.00	38.02 1.31 0.00	57.48 1.96 0.00	47.64 2.12 0.00	62.38 2.61 0.00	36.39 1.47 0.00	35.12 1.34 -0.26	37.18 1.22 0.00
TEALLAVE_115KV_TB7 355573	32.22 -0.03 0.00	34.37 -0.03 0.00	32.79 -0.04 0.00	34.42 -0.02 0.00	34.12 0.03 0.00	33.39 -0.03 0.00	33.39 -0.09 0.00	38.77 -0.13 0.00	37.33 -0.11 0.00	50.30 -0.02 0.00	54.38 0.03 0.00	47.87 0.00 0.00	42.92 -0.03 0.00	43.45 -0.09 0.00	40.33 -0.12 0.00	37.86 -0.12 0.00	35.14 -0.11 0.00	36.52 -0.19 0.00	55.18 -0.35 0.00	45.42 -0.09 0.00	59.58 -0.19 0.00	34.65 -0.27 0.00	33.20 -0.32 0.00	35.67 -0.29 0.00
TELGRAPH_34_KV_EAST 80808	32.56 0.30 0.00	35.08 0.67 0.00	33.41 0.58 0.00	34.95 0.51 0.00	34.65 0.56 0.00	33.64 0.22 0.00	33.29 -0.19 0.00	38.29 -0.60 0.00	36.77 -0.66 0.00	49.42 -0.91 0.00	53.11 -1.24 0.00	46.87 -1.00 0.00	42.15 -0.81 0.00	42.87 -0.67 0.00	39.76 -0.69 0.00	37.17 -0.82 0.00	34.34 -0.92 0.00	35.28 -1.43 0.00	53.27 -2.26 0.00	43.91 -1.61 0.00	57.68 -2.09 0.00	33.10 -1.82 0.00	32.10 -1.42 0.00	35.13 -0.83 0.00
TEMPLE___115KV_TB 2 55572	32.24 -0.01 0.00	34.39 -0.02 0.00	32.82 -0.02 0.00	34.45 0.01 0.00	34.15 0.06 0.00	33.42 0.00 0.00	33.42 -0.06 0.00	38.80 -0.10 0.00	37.35 -0.09 0.00	50.34 0.01 0.00	54.41 0.07 0.00	47.89 0.03 0.00	42.94 -0.02 0.00	43.47 -0.07 0.00	40.36 -0.09 0.00	37.89 -0.09 0.00	35.17 -0.09 0.00	36.55 -0.16 0.00	55.22 -0.32 0.00	45.45 -0.07 0.00	59.63 -0.14 0.00	34.67 -0.25 0.00	33.22 -0.30 0.00	35.69 -0.28 0.00
TIANA____69_KV_BK 1 55817	34.22 1.50 -0.47	36.71 1.54 -0.76	34.44 1.43 -0.18	36.70 1.68 -0.57	35.88 1.62 -0.17	35.83 2.14 -0.27	35.99 2.52 0.00	43.02 2.85 -1.27	39.79 2.33 -0.02	52.30 1.98 0.00	57.04 2.70 0.00	50.10 2.24 0.00	44.68 1.73 0.00	44.91 1.37 0.00	41.76 1.31 0.00	39.39 1.41 0.00	36.88 1.62 -0.01	38.76 2.05 0.00	59.25 3.72 0.00	49.14 3.62 0.00	63.62 3.84 0.00	36.78 1.86 0.00	35.73 1.93 -0.28	37.42 1.46 0.00
TILDEN___115KV_TB1 80814	32.39 0.13 0.00	34.55 0.14 0.00	32.96 0.12 0.00	34.59 0.15 0.00	34.30 0.21 0.00	33.58 0.16 0.00	33.59 0.12 0.00	39.01 0.12 0.00	37.56 0.12 0.00	50.62 0.29 0.00	54.74 0.39 0.00	48.18 0.31 0.00	43.19 0.24 0.00	43.72 0.18 0.00	40.59 0.14 0.00	38.10 0.12 0.00	35.38 0.12 0.00	36.77 0.06 0.00	55.55 0.02 0.00	45.74 0.22 0.00	59.99 0.22 0.00	34.88 -0.04 0.00	33.42 -0.10 0.00	35.90 -0.06 0.00
TRIGEN___CC 323695	35.49 1.10 -2.13	36.79 0.94 -1.43	33.90 0.89 -0.18	36.10 1.09 -0.57	35.37 1.10 -0.18	35.07 1.38 -0.27	35.15 1.67 0.00	42.08 1.91 -1.27	39.17 1.71 -0.02	52.47 2.15 0.00	57.11 2.76 0.00	50.15 2.29 0.00	44.88 1.92 0.00	45.14 1.60 0.00	41.94 1.49 0.00	39.54 1.56 0.00	36.95 1.63 -0.05	38.55 1.84 0.00	58.22 2.69 0.00	48.26 2.74 0.00	62.99 3.21 0.00	36.80 1.88 0.00	35.62 1.82 -0.28	37.56 1.60 0.00
TRINITY__115KV__ 4 BK 55933	32.64 0.54 0.16	34.34 0.47 0.53	33.18 0.49 0.15	34.53 0.56 0.47	34.51 0.55 0.13	33.86 0.66 0.22	34.14 0.67 0.00	38.69 0.84 1.04	38.22 0.80 0.02	51.50 1.17 0.00	55.87 1.53 0.00	49.14 1.28 0.00	44.17 1.21 0.00	44.62 1.08 0.00	41.36 0.91 0.00	38.89 0.91 0.00	36.10 0.84 0.00	37.69 0.98 0.00	56.98 1.45 0.00	46.91 1.39 0.00	61.36 1.59 0.00	35.79 0.87 0.00	33.93 0.64 0.23	36.52 0.55 0.00
UNION___PROCESSING_DRP 323587	32.43 0.17 0.00	34.82 0.41 0.00	33.18 0.34 0.00	34.74 0.30 0.00	34.45 0.35 0.00	33.54 0.12 0.00	33.38 -0.10 0.00	38.61 -0.28 0.00	37.13 -0.31 0.00	49.96 -0.37 0.00	53.85 -0.50 0.00	47.46 -0.41 0.00	42.62 -0.33 0.00	43.29 -0.25 0.00	40.19 -0.25 0.00	37.65 -0.33 0.00	34.84 -0.42 0.00	35.91 -0.80 0.00	54.30 -1.22 0.00	44.73 -0.79 0.00	58.74 -1.04 0.00	33.88 -1.04 0.00	32.66 -0.86 0.00	35.42 -0.55 0.00
UPPER HUDSON___HYD 24058	32.56 0.48 0.17	34.59 0.75 0.56	33.38 0.70 0.15	34.63 0.69 0.50	34.74 0.79 0.14	34.05 0.87 0.23	34.51 1.04 0.00	39.10 1.30 1.10	38.74 1.32 0.02	52.36 2.04 0.00	56.91 2.57 0.00	50.12 2.26 0.00	45.04 2.08 0.00	45.51 1.97 0.00	42.15 1.70 0.00	39.62 1.64 0.00	36.85 1.60 0.00	38.53 1.82 0.00	58.39 2.86 0.00	48.33 2.81 0.00	62.94 3.17 0.00	36.63 1.71 0.00	34.64 1.37 0.25	37.26 1.30 0.00
UPPER RAQUET___HYD 24056	31.76 -0.49 0.00	34.02 -0.39 0.00	32.45 -0.38 0.00	33.93 -0.51 0.00	33.48 -0.61 0.00	32.67 -0.75 0.00	32.67 -0.81 0.00	38.08 -0.82 0.00	36.68 -0.77 0.00	49.13 -1.19 0.00	52.83 -1.51 0.00	46.61 -1.25 0.00	41.83 -1.12 0.00	42.48 -1.06 0.00	39.54 -0.91 0.00	37.09 -0.89 0.00	34.35 -0.91 0.00	35.70 -1.01 0.00	54.15 -1.38 0.00	44.07 -1.44 0.00	58.20 -1.57 0.00	34.11 -0.81 0.00	33.03 -0.49 0.00	35.56 -0.40 0.00
VALLEY44_115KV_TB2 355964	32.99 0.73 0.00	35.58 1.17 0.00	33.88 1.04 0.00	35.68 1.24 0.00	35.45 1.36 0.00	34.36 0.94 0.00	34.19 0.71 0.00	39.51 0.61 0.00	37.81 0.36 0.00	50.87 0.54 0.00	54.84 0.49 0.00	48.55 0.69 0.00	43.40 0.44 0.00	43.97 0.43 0.00	40.89 0.45 0.00	38.34 0.36 0.00	35.63 0.37 0.00	36.62 -0.09 0.00	55.06 -0.47 0.00	45.44 -0.08 0.00	59.59 -0.18 0.00	34.29 -0.63 0.00	33.13 -0.39 0.00	36.05 0.08 0.00
VALLEY___115KV_TB 1-4 80826	31.79 -0.47 0.00	33.77 -0.64 0.00	32.22 -0.61 0.00	33.82 -0.62 0.00	33.51 -0.58 0.00	32.95 -0.47 0.00	33.15 -0.33 0.00	38.48 -0.42 0.00	37.12 -0.32 0.00	50.24 -0.08 0.00	54.83 0.49 0.00	48.45 0.58 0.00	43.74 0.78 0.00	44.32 0.78 0.00	41.01 0.56 0.00	38.40 0.42 0.00	35.68 0.42 0.00	37.15 0.44 0.00	55.94 0.41 0.00	46.11 0.59 0.00	60.35 0.58 0.00	35.22 0.31 0.00	33.68 0.16 0.00	36.00 0.04 0.00

VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	33.39 1.13 0.00	35.50 1.09 0.00	33.87 1.04 0.00	35.60 1.16 0.00	35.33 1.24 0.00	34.71 1.29 0.00	34.87 1.40 0.00	40.54 1.65 0.00	39.13 1.69 0.00	52.71 2.38 0.00	57.05 2.71 0.00	50.13 2.26 0.00	44.89 1.93 0.00	45.24 1.70 0.00	41.95 1.50 0.00	39.43 1.44 0.00	36.65 1.40 0.00	38.20 1.49 0.00	57.69 2.16 0.00	47.50 1.99 0.00	62.23 2.46 0.00	36.25 1.34 0.00	34.77 1.19 -0.06	37.21 1.24 0.00
VISCHER___FERRY HYD 24020	32.44 0.42 0.24	34.03 0.39 0.78	33.06 0.43 0.21	34.24 0.49 0.68	34.37 0.47 0.20	33.67 0.57 0.32	34.08 0.61 0.00	38.15 0.77 1.51	38.11 0.70 0.03	51.38 1.06 0.00	55.83 1.48 0.00	49.12 1.26 0.00	44.18 1.22 0.00	44.64 1.10 0.00	41.34 0.89 0.00	38.88 0.91 0.00	36.07 0.81 0.00	37.67 0.96 0.00	57.03 1.50 0.00	46.98 1.46 0.00	61.36 1.59 0.00	35.78 0.86 0.00	33.75 0.57 0.34	36.43 0.47 0.00
V_A_10_SYNC_DSASP 323832	31.92 -0.34 0.00	34.36 -0.04 0.00	32.78 -0.06 0.00	34.29 -0.14 0.00	34.00 -0.10 0.00	33.02 -0.40 0.00	32.74 -0.74 0.00	37.75 -1.15 0.00	36.22 -1.22 0.00	48.55 -1.69 0.09	52.33 -2.02 0.00	45.22 -1.72 0.93	41.47 -1.48 0.00	42.19 -1.35 0.00	39.23 -1.22 0.00	36.75 -1.24 0.00	33.99 -1.27 0.00	34.96 -1.75 0.00	52.80 -2.73 0.00	43.42 -2.10 0.00	57.00 -2.78 0.00	32.78 -2.14 0.00	31.74 -1.78 0.00	34.63 -1.34 0.00
V_CMM_10_SYNC_DSASP 323787	32.30 0.04 0.00	34.61 0.20 0.00	33.04 0.20 0.00	34.54 0.10 0.00	34.10 0.01 0.00	33.32 -0.10 0.00	33.30 -0.17 0.00	38.71 -0.18 0.00	37.22 -0.22 0.00	49.81 -0.52 0.00	53.54 -0.81 0.00	47.24 -0.62 0.00	42.45 -0.51 0.00	43.21 -0.33 0.00	40.23 -0.22 0.00	37.76 -0.22 0.00	34.99 -0.27 0.00	36.38 -0.33 0.00	55.17 -0.36 0.00	44.80 -0.72 0.00	59.04 -0.74 0.00	34.59 -0.33 0.00	33.48 -0.04 0.00	36.06 0.09 0.00
V_CMP_10_SYNC_DSASP 323788	33.67 1.41 0.00	36.05 1.64 0.00	34.32 1.49 0.00	35.78 1.34 0.00	35.16 1.06 0.00	34.03 0.60 0.00	34.04 0.56 0.00	39.55 0.65 0.00	37.97 0.53 0.00	50.89 0.57 0.00	55.10 0.76 0.00	48.74 0.88 0.00	43.78 0.82 0.00	44.22 0.68 0.00	40.97 0.52 0.00	38.53 0.55 0.00	35.79 0.53 0.00	37.41 0.70 0.00	56.78 1.25 0.00	46.09 0.57 0.00	60.51 0.74 0.00	35.53 0.61 0.00	34.79 1.27 0.00	37.61 1.65 0.00
V_D_10_SYNC_DSASP 323841	32.42 0.17 0.00	34.75 0.35 0.00	33.17 0.33 0.00	34.68 0.24 0.00	34.24 0.15 0.00	33.45 0.03 0.00	33.43 -0.05 0.00	38.87 -0.02 0.00	37.37 -0.07 0.00	50.02 -0.30 0.00	53.76 -0.58 0.00	47.44 -0.43 0.00	42.62 -0.34 0.00	43.36 -0.18 0.00	40.37 -0.08 0.00	37.89 -0.09 0.00	35.11 -0.15 0.00	36.50 -0.21 0.00	55.34 -0.19 0.00	44.97 -0.56 0.00	59.27 -0.50 0.00	34.72 -0.20 0.00	33.61 0.09 0.00	36.21 0.25 0.00
V_E_10_SYNC_DSASP 323830	34.95 2.69 0.00	36.80 2.39 0.00	35.41 2.58 0.00	37.16 2.72 0.00	37.26 3.17 0.00	36.68 3.25 0.00	36.74 3.27 0.00	43.00 4.11 0.00	41.54 4.10 0.00	56.13 5.78 -0.02	60.68 6.33 0.00	53.53 5.44 -0.23	47.53 4.57 0.00	47.95 4.40 0.00	44.42 3.97 0.00	41.73 3.75 0.00	38.75 3.49 0.00	40.25 3.54 0.00	60.75 5.21 0.00	49.69 4.17 0.00	64.81 5.04 0.00	37.66 2.74 0.00	36.11 2.59 0.00	39.03 3.07 0.00
V_F_30_NSYNC___DSASP 323816	32.86 0.79 0.18	34.67 0.86 0.60	33.51 0.84 0.16	34.80 0.89 0.53	34.86 0.92 0.15	34.17 1.00 0.25	34.56 1.09 0.00	39.06 1.33 1.17	38.73 1.31 0.02	52.25 1.93 0.00	56.73 2.39 0.00	49.94 2.08 0.00	44.90 1.95 0.00	45.37 1.83 0.00	42.04 1.59 0.00	39.51 1.53 0.00	36.71 1.45 0.00	38.35 1.64 0.00	58.03 2.49 0.00	47.86 2.33 0.00	62.49 2.72 0.00	36.40 1.48 0.00	34.45 1.20 0.26	37.11 1.15 0.00
V_F_30_SYNC_DSASP 323786	32.79 0.71 0.17	34.49 0.64 0.56	33.34 0.66 0.15	34.68 0.73 0.49	34.67 0.72 0.14	34.01 0.82 0.23	34.31 0.84 0.00	38.84 1.04 1.09	38.43 1.01 0.02	51.79 1.47 0.00	56.19 1.85 0.00	49.43 1.56 0.00	44.43 1.48 0.00	44.89 1.35 0.00	41.61 1.16 0.00	39.12 1.13 0.00	36.31 1.05 0.00	37.91 1.20 0.00	57.30 1.77 0.00	47.16 1.64 0.00	61.67 1.90 0.00	35.97 1.05 0.00	34.09 0.82 0.24	36.70 0.74 0.00
V_XM_10_SYNC_DSASP 323789	33.67 1.41 0.00	36.05 1.64 0.00	34.32 1.49 0.00	35.78 1.34 0.00	35.16 1.06 0.00	34.03 0.60 0.00	34.04 0.56 0.00	39.55 0.65 0.00	37.97 0.53 0.00	50.89 0.57 0.00	55.10 0.76 0.00	48.74 0.88 0.00	43.78 0.82 0.00	44.22 0.68 0.00	40.97 0.52 0.00	38.53 0.55 0.00	35.79 0.53 0.00	37.41 0.70 0.00	56.78 1.25 0.00	46.09 0.57 0.00	60.51 0.74 0.00	35.53 0.61 0.00	34.79 1.27 0.00	37.61 1.65 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	33.19 0.74 -0.19	35.67 0.66 -0.61	33.56 0.56 -0.17	35.66 0.68 -0.54	34.95 0.70 -0.16	34.59 0.91 -0.25	34.65 1.18 0.00	41.50 1.42 -1.19	38.86 1.40 -0.02	52.30 1.97 0.00	56.90 2.55 0.00	49.91 2.05 0.00	44.71 1.76 0.00	45.02 1.48 0.00	41.72 1.27 0.00	39.24 1.26 0.00	36.58 1.32 0.00	38.17 1.46 0.00	57.71 2.18 0.00	47.82 2.30 0.00	62.61 2.84 0.00	36.53 1.61 0.00	35.25 1.46 -0.26	37.33 1.36 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	33.29 0.84 -0.20	35.77 0.71 -0.65	33.64 0.63 -0.18	35.71 0.70 -0.57	35.02 0.76 -0.17	34.69 1.00 -0.27	34.75 1.27 0.00	41.64 1.47 -1.27	38.95 1.48 -0.02	52.37 2.04 0.00	56.99 2.65 0.00	49.94 2.08 0.00	44.76 1.81 0.00	45.07 1.53 0.00	41.77 1.32 0.00	39.32 1.34 0.00	36.67 1.41 0.00	38.25 1.55 0.00	57.79 2.26 0.00	47.91 2.39 0.00	62.65 2.88 0.00	36.59 1.67 0.00	35.35 1.56 -0.28	37.37 1.41 0.00
W50THST__13_KV_LOAD 356117	33.52 1.07 -0.20	36.03 0.97 -0.65	33.88 0.87 -0.18	35.97 0.95 -0.57	35.27 1.02 -0.17	34.96 1.26 -0.27	34.99 1.51 0.00	41.91 1.74 -1.27	39.20 1.74 -0.02	52.73 2.41 0.00	57.38 3.04 0.00	50.30 2.43 0.00	45.07 2.12 0.00	45.38 1.84 0.00	42.14 1.69 0.00	39.72 1.73 0.00	37.04 1.78 0.00	38.53 1.82 0.00	58.19 2.66 0.00	48.22 2.70 0.00	63.04 3.27 0.00	36.83 1.91 0.00	35.59 1.79 -0.28	37.61 1.65 0.00
WADING RIVER_IC_1 23522	33.72 1.00 -0.47	36.25 1.08 -0.76	34.01 1.00 -0.18	36.36 1.34 -0.57	35.59 1.33 -0.17	35.60 1.91 -0.27	35.76 2.28 0.00	42.73 2.56 -1.27	39.44 1.98 -0.02	51.61 1.29 0.00	56.27 1.92 0.00	49.43 1.57 0.00	44.10 1.14 0.00	44.31 0.77 0.00	41.21 0.76 0.00	38.88 0.90 0.00	36.38 1.12 -0.01	38.14 1.43 0.00	58.26 2.73 0.00	48.31 2.79 0.00	62.45 2.68 0.00	36.27 1.36 0.00	35.27 1.47 -0.28	36.95 0.99 0.00
WADING RIVER_IC_2 23547	33.72 1.00 -0.47	36.25 1.08 -0.76	34.01 1.00 -0.18	36.36 1.34 -0.57	35.59 1.33 -0.17	35.60 1.91 -0.27	35.76 2.28 0.00	42.73 2.56 -1.27	39.44 1.98 -0.02	51.61 1.29 0.00	56.27 1.92 0.00	49.43 1.57 0.00	44.10 1.14 0.00	44.31 0.77 0.00	41.21 0.76 0.00	38.88 0.90 0.00	36.38 1.12 -0.01	38.14 1.43 0.00	58.26 2.73 0.00	48.31 2.79 0.00	62.45 2.68 0.00	36.27 1.36 0.00	35.27 1.47 -0.28	36.95 0.99 0.00

WADING RIVER_IC_3 23601	33.72 1.00 -0.47	36.25 1.08 -0.76	34.01 1.00 -0.18	36.36 1.34 -0.57	35.59 1.33 -0.17	35.60 1.91 -0.27	35.76 2.28 0.00	42.73 2.56 -1.27	39.44 1.98 -0.02	51.61 1.29 0.00	56.27 1.92 0.00	49.43 1.57 0.00	44.10 1.14 0.00	44.31 0.77 0.00	41.21 0.76 0.00	38.88 0.90 0.00	36.38 1.12 -0.01	38.14 1.43 0.00	58.26 2.73 0.00	48.31 2.79 0.00	62.45 2.68 0.00	36.27 1.36 0.00	35.27 1.47 -0.28	36.95 0.99 0.00
WALDENNY_I2_KV_BK2 80841	32.79 0.53 0.00	35.33 0.92 0.00	33.65 0.82 0.00	35.22 0.78 0.00	34.92 0.83 0.00	33.87 0.45 0.00	33.57 0.10 0.00	38.61 -0.28 0.00	37.01 -0.43 0.00	49.80 -0.52 0.00	53.47 -0.87 0.00	47.22 -0.65 0.00	42.43 -0.53 0.00	43.18 -0.36 0.00	40.11 -0.34 0.00	37.49 -0.49 0.00	34.66 -0.60 0.00	35.60 -1.11 0.00	53.73 -1.80 0.00	44.23 -1.29 0.00	58.09 -1.68 0.00	33.35 -1.57 0.00	32.30 -1.22 0.00	35.36 -0.60 0.00
WALDEN___HYDRO 24148	33.17 0.76 -0.16	35.60 0.67 -0.53	33.55 0.57 -0.14	35.57 0.67 -0.46	34.93 0.70 -0.13	34.52 0.88 -0.22	34.62 1.14 0.00	41.30 1.38 -1.03	38.85 1.40 -0.02	52.32 1.99 0.00	56.89 2.54 0.00	49.95 2.09 0.00	44.76 1.81 0.00	45.13 1.59 0.00	41.83 1.38 0.00	39.37 1.39 0.00	36.77 1.51 0.00	38.34 1.63 0.00	57.86 2.33 0.00	47.84 2.32 0.00	62.63 2.86 0.00	36.53 1.61 0.00	35.18 1.44 -0.22	37.29 1.33 0.00
WARRENSBURG____ 23737	32.56 0.48 0.17	34.59 0.75 0.56	33.38 0.70 0.15	34.63 0.69 0.50	34.74 0.79 0.14	34.05 0.87 0.23	34.51 1.04 0.00	39.10 1.30 1.10	38.74 1.32 0.02	52.36 2.04 0.00	56.91 2.57 0.00	50.12 2.26 0.00	45.04 2.08 0.00	45.51 1.97 0.00	42.15 1.70 0.00	39.62 1.64 0.00	36.85 1.60 0.00	38.53 1.82 0.00	58.39 2.86 0.00	48.33 2.81 0.00	62.94 3.17 0.00	36.63 1.71 0.00	34.64 1.37 0.25	37.26 1.30 0.00
WATERSIDE___6 8 9 23538	33.34 0.88 -0.20	35.84 0.77 -0.65	33.72 0.70 -0.18	35.78 0.77 -0.57	35.07 0.81 -0.17	34.75 1.06 -0.27	34.81 1.34 0.00	41.71 1.54 -1.28	39.01 1.54 -0.02	52.44 2.11 0.00	57.07 2.73 0.00	50.03 2.16 0.00	44.85 1.89 0.00	45.14 1.60 0.00	41.85 1.40 0.00	39.41 1.42 0.00	36.75 1.49 0.00	38.34 1.63 0.00	57.87 2.34 0.00	47.98 2.45 0.00	62.74 2.96 0.00	36.67 1.75 0.00	35.43 1.63 -0.29	37.44 1.48 0.00
WATKINRD_115KV_LN8_ILLION 55919	32.11 -0.14 0.00	34.14 -0.27 0.00	32.59 -0.24 0.00	34.23 -0.21 0.00	33.90 -0.19 0.00	33.32 -0.10 0.00	33.46 -0.01 0.00	38.87 -0.02 0.00	37.47 0.04 0.00	50.57 0.24 0.00	54.93 0.58 0.00	48.43 0.57 0.00	43.58 0.63 0.00	44.13 0.59 0.00	40.90 0.45 0.00	38.38 0.40 0.00	35.65 0.39 0.00	37.16 0.45 0.00	56.09 0.56 0.00	46.19 0.67 0.00	60.49 0.71 0.00	35.29 0.37 0.00	33.74 0.22 0.00	36.07 0.11 0.00
WATSON___69_KV_BK 1 55734	34.41 1.59 -0.56	36.68 1.48 -0.80	34.41 1.39 -0.18	36.69 1.68 -0.57	35.95 1.69 -0.17	35.76 2.07 -0.27	35.89 2.42 0.00	42.95 2.78 -1.27	39.86 2.40 -0.02	53.05 2.72 0.00	57.83 3.49 0.00	50.82 2.95 0.00	45.31 2.35 0.00	45.52 1.98 0.00	42.32 1.88 0.00	39.96 1.98 0.00	37.39 2.13 -0.01	39.09 2.38 0.00	59.16 3.63 0.00	49.08 3.56 0.00	63.94 4.17 0.00	37.23 2.31 0.00	36.08 2.28 -0.28	37.94 1.98 0.00
WDELAWARE___HYD 323627	32.53 0.16 -0.12	34.79 0.00 -0.38	32.87 -0.07 -0.10	34.78 0.01 -0.34	34.24 0.05 -0.10	33.83 0.25 -0.16	33.99 0.51 0.00	40.29 0.65 -0.75	38.15 0.70 -0.01	51.39 1.07 0.00	55.87 1.52 0.00	49.05 1.18 0.00	44.57 1.62 0.00	45.78 2.24 0.00	42.47 2.02 0.00	39.97 2.00 0.00	37.45 2.19 0.00	39.00 2.29 0.00	58.71 3.18 0.00	48.48 2.96 0.00	63.42 3.65 0.00	36.98 2.06 0.00	35.56 1.87 -0.16	37.79 1.82 0.00
WEST BABYLON___IC 23714	34.56 1.52 -0.78	36.69 1.39 -0.89	34.33 1.31 -0.18	36.59 1.57 -0.57	35.85 1.59 -0.17	35.61 1.92 -0.27	35.75 2.27 0.00	42.79 2.62 -1.27	39.75 2.29 -0.02	53.01 2.69 0.00	57.78 3.44 0.00	50.76 2.90 0.00	45.30 2.34 0.00	45.53 1.99 0.00	42.33 1.89 0.00	39.96 1.98 0.00	37.37 2.10 -0.02	39.03 2.32 0.00	59.03 3.50 0.00	48.96 3.44 0.00	63.85 4.08 0.00	37.20 2.28 0.00	36.03 2.22 -0.28	37.92 1.96 0.00
WEST CANADA___HYD 24049	32.26 0.01 0.00	34.38 -0.02 0.00	32.81 -0.03 0.00	34.43 -0.01 0.00	34.09 0.00 0.00	33.47 0.04 0.00	33.54 0.07 0.00	38.98 0.09 0.00	37.55 0.11 0.00	50.54 0.21 0.00	54.67 0.33 0.00	48.12 0.26 0.00	43.20 0.25 0.00	43.71 0.17 0.00	40.59 0.14 0.00	38.13 0.15 0.00	35.39 0.13 0.00	36.88 0.16 0.00	55.75 0.22 0.00	45.85 0.33 0.00	60.13 0.36 0.00	35.11 0.19 0.00	33.63 0.11 0.00	36.03 0.07 0.00
WESTERN_NY_WIND 24143	33.02 0.76 0.00	35.56 1.15 0.00	33.86 1.02 0.00	35.41 0.97 0.00	35.12 1.03 0.00	34.13 0.71 0.00	33.82 0.34 0.00	38.95 0.06 0.00	37.46 0.02 0.00	50.37 0.05 0.00	54.15 -0.19 0.00	47.79 -0.07 0.00	42.95 0.00 0.00	43.66 0.12 0.00	40.48 0.03 0.00	37.81 -0.17 0.00	34.91 -0.35 0.00	35.91 -0.80 0.00	54.24 -1.30 0.00	44.78 -0.75 0.00	58.85 -0.92 0.00	33.77 -1.14 0.00	32.69 -0.83 0.00	35.70 -0.26 0.00
WESTOVER___LESR 323668	32.46 0.21 0.00	34.57 0.16 0.00	33.01 0.18 0.00	34.73 0.30 0.00	34.50 0.41 0.00	33.77 0.35 0.00	33.92 0.45 0.00	39.38 0.49 0.00	37.80 0.36 0.00	51.00 0.67 0.00	55.11 0.76 0.00	48.48 0.62 0.00	43.43 0.48 0.00	43.89 0.35 0.00	40.78 0.33 0.00	38.31 0.33 0.00	35.61 0.36 0.00	37.02 0.31 0.00	55.87 0.34 0.00	46.10 0.58 0.00	60.34 0.57 0.00	35.12 0.20 0.00	33.62 0.10 0.00	36.16 0.20 0.00
WETHRSFD_WT_PWR 323626	32.31 0.05 0.00	34.86 0.45 0.00	33.31 0.47 0.00	34.84 0.40 0.00	34.54 0.45 0.00	33.46 0.04 0.00	33.16 -0.32 0.00	38.12 -0.77 0.00	36.60 -0.84 0.00	49.12 -1.09 0.12	52.89 -1.46 0.00	45.45 -1.13 1.28	41.95 -1.00 0.00	42.63 -0.91 0.00	39.63 -0.82 0.00	37.02 -0.96 0.00	34.16 -1.09 0.00	35.02 -1.69 0.00	52.80 -2.73 0.00	43.62 -1.90 0.00	57.20 -2.57 0.00	32.80 -2.12 0.00	31.68 -1.84 0.00	34.72 -1.24 0.00
WHAVSTOR_138KV_BK127 55557	33.05 0.61 -0.19	35.52 0.50 -0.61	33.42 0.42 -0.17	35.51 0.53 -0.54	34.81 0.56 -0.16	34.44 0.77 -0.25	34.50 1.03 0.00	41.32 1.23 -1.20	38.68 1.22 -0.02	52.05 1.72 0.00	56.62 2.28 0.00	49.66 1.80 0.00	44.49 1.54 0.00	44.80 1.26 0.00	41.51 1.06 0.00	39.05 1.07 0.00	36.40 1.14 0.00	37.99 1.28 0.00	57.43 1.90 0.00	47.59 2.08 0.00	62.30 2.53 0.00	36.35 1.43 0.00	35.09 1.30 -0.26	37.15 1.19 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	33.05 0.61 -0.19	35.52 0.50 -0.61	33.42 0.42 -0.17	35.51 0.53 -0.54	34.81 0.56 -0.16	34.44 0.77 -0.25	34.50 1.03 0.00	41.32 1.23 -1.20	38.68 1.22 -0.02	52.05 1.72 0.00	56.62 2.28 0.00	49.66 1.80 0.00	44.49 1.54 0.00	44.80 1.26 0.00	41.51 1.06 0.00	39.05 1.07 0.00	36.40 1.14 0.00	37.99 1.28 0.00	57.43 1.90 0.00	47.59 2.08 0.00	62.30 2.53 0.00	36.35 1.43 0.00	35.09 1.30 -0.26	37.15 1.19 0.00

WHITEHAL_115KV_TB1 80871	32.93 0.85 0.18	35.50 1.67 0.58	34.21 1.53 0.16	35.26 1.33 0.51	35.64 1.70 0.15	34.86 1.68 0.24	35.56 2.09 0.00	40.34 2.57 1.13	39.90 2.48 0.02	54.03 3.71 0.00	58.90 4.55 0.00	51.91 4.04 0.00	46.54 3.59 0.00	46.91 3.37 0.00	43.33 2.89 0.00	40.86 2.88 0.00	37.76 2.50 0.00	39.35 2.64 0.00	59.84 4.31 0.00	49.55 4.03 0.00	63.86 4.09 0.00	37.19 2.27 0.00	35.04 1.77 0.25	37.88 1.92 0.00
WHITEPLN_13_KV_LOAD 356215	33.47 1.01 -0.20	35.94 0.88 -0.65	33.79 0.78 -0.18	35.91 0.90 -0.57	35.18 0.92 -0.16	34.83 1.14 -0.27	34.88 1.40 0.00	41.84 1.68 -1.27	39.13 1.67 -0.02	52.65 2.32 0.00	57.30 2.95 0.00	50.28 2.41 0.00	45.05 2.10 0.00	45.38 1.84 0.00	42.06 1.61 0.00	39.58 1.60 0.00	36.90 1.64 0.00	38.51 1.80 0.00	58.19 2.66 0.00	48.20 2.67 0.00	63.05 3.28 0.00	36.80 1.88 0.00	35.52 1.72 -0.28	37.56 1.60 0.00
WM_FLOYD_69_KV_BK2 356380	33.93 1.20 -0.47	36.36 1.19 -0.76	34.14 1.12 -0.18	36.44 1.43 -0.57	35.69 1.43 -0.17	35.61 1.92 -0.27	35.76 2.28 0.00	42.73 2.56 -1.27	39.56 2.10 -0.02	52.17 1.85 0.00	56.87 2.52 0.00	49.96 2.10 0.00	44.55 1.60 0.00	44.77 1.23 0.00	41.63 1.18 0.00	39.28 1.30 0.00	36.75 1.49 -0.01	38.50 1.79 0.00	58.59 3.06 0.00	48.59 3.07 0.00	63.02 3.25 0.00	36.63 1.71 0.00	35.57 1.77 -0.28	37.32 1.36 0.00
WOODARD__115KV_TB2 355635	32.15 -0.11 0.00	34.29 -0.12 0.00	32.72 -0.12 0.00	34.33 -0.11 0.00	34.04 -0.05 0.00	33.31 -0.11 0.00	33.30 -0.17 0.00	38.67 -0.23 0.00	37.23 -0.21 0.00	50.17 -0.16 0.00	54.23 -0.12 0.00	47.73 -0.13 0.00	42.80 -0.15 0.00	43.32 -0.21 0.00	40.22 -0.23 0.00	37.75 -0.22 0.00	35.05 -0.21 0.00	36.42 -0.28 0.00	55.04 -0.49 0.00	45.30 -0.22 0.00	59.41 -0.36 0.00	34.58 -0.34 0.00	33.13 -0.39 0.00	35.59 -0.37 0.00
YORK__WARBASSE 23770	33.48 1.03 -0.20	35.96 0.90 -0.65	33.88 0.86 -0.18	35.90 0.89 -0.57	35.20 0.94 -0.17	34.89 1.20 -0.27	34.93 1.45 0.00	41.75 1.58 -1.28	39.03 1.56 -0.02	52.52 2.20 0.00	57.15 2.80 0.00	50.08 2.22 0.00	44.89 1.94 0.00	45.19 1.65 0.00	41.89 1.44 0.00	39.43 1.45 0.00	36.80 1.54 0.00	38.39 1.68 0.00	57.91 2.38 0.00	48.08 2.56 0.00	62.94 3.17 0.00	36.79 1.87 0.00	35.56 1.76 -0.29	37.57 1.60 0.00