

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/17/2025

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	50.39	42.86	43.10	46.75	44.90	42.53	43.86	38.20	37.92	39.36	42.30	49.12	54.70	62.69	57.70	67.07	62.59	51.66	42.88	44.55	46.65	47.70	46.72	40.36
24138	1.63	1.57	1.42	1.37	1.44	1.40	1.40	1.58	1.87	2.03	2.20	2.57	3.00	3.92	3.59	4.34	4.19	3.72	2.81	2.72	2.58	2.64	2.66	2.43
	-0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.74	-0.67	-0.89	-0.72	0.00	0.00	0.00	0.00	0.00	-2.10	-2.71	-0.98	0.00	0.00	0.00
74TH STREET_GT_1	50.45	42.91	43.16	46.80	44.96	42.59	43.94	38.25	37.93	39.36	42.28	49.11	54.73	62.75	57.72	67.11	62.60	51.65	42.89	44.59	46.71	47.75	46.78	40.38
24260	1.69	1.62	1.48	1.43	1.51	1.46	1.48	1.63	1.87	2.04	2.18	2.56	3.03	3.98	3.62	4.38	4.20	3.71	2.82	2.76	2.64	2.68	2.72	2.45
	-0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.74	-0.67	-0.89	-0.72	0.00	0.00	0.00	0.00	0.00	-2.10	-2.70	-0.97	0.00	0.00	0.00
74TH STREET_GT_2	50.45	42.91	43.16	46.80	44.96	42.59	43.94	38.25	37.93	39.36	42.28	49.11	54.73	62.75	57.72	67.11	62.60	51.65	42.89	44.59	46.71	47.75	46.78	40.38
24261	1.69	1.62	1.48	1.43	1.51	1.46	1.48	1.63	1.87	2.04	2.18	2.56	3.03	3.98	3.62	4.38	4.20	3.71	2.82	2.76	2.64	2.68	2.72	2.45
	-0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.74	-0.67	-0.89	-0.72	0.00	0.00	0.00	0.00	0.00	-2.10	-2.70	-0.97	0.00	0.00	0.00
ADK HUDSON___FALLS	51.22	43.62	44.06	47.89	45.73	43.31	44.78	38.59	38.02	38.18	40.02	46.30	52.36	61.53	57.25	66.62	61.78	51.18	40.99	42.07	45.91	47.51	46.25	39.58
24011	2.68	2.33	2.38	2.51	2.27	2.18	2.32	1.97	1.96	1.59	1.18	1.43	2.01	2.76	3.15	3.88	3.38	3.24	2.65	2.48	2.65	2.45	2.19	1.65
	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.79	0.64	0.00	0.00	0.00	0.00	0.00	-0.37	-0.47	-0.17	0.00	0.00	0.00
ADK RESOURCE___RCVRY	51.74	44.05	44.41	48.26	46.04	43.61	45.13	38.86	38.31	38.35	40.14	46.52	52.66	61.91	57.75	67.32	62.28	51.68	41.36	42.43	46.31	47.86	46.56	39.78
23798	3.20	2.76	2.73	2.88	2.58	2.48	2.67	2.24	2.25	1.77	1.30	1.64	2.30	3.14	3.64	4.59	3.88	3.74	3.03	2.84	3.04	2.80	2.50	1.85
	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.78	0.63	0.00	0.00	0.00	0.00	0.00	-0.37	-0.47	-0.17	0.00	0.00	0.00
ADK S GLENS___FALLS	51.22	43.62	44.06	47.89	45.73	43.31	44.78	38.59	38.02	38.18	40.02	46.30	52.36	61.53	57.25	66.62	61.78	51.18	40.99	42.07	45.91	47.51	46.25	39.58
24028	2.68	2.33	2.38	2.51	2.27	2.18	2.32	1.97	1.96	1.59	1.18	1.43	2.01	2.76	3.15	3.88	3.38	3.24	2.65	2.48	2.65	2.45	2.19	1.65
	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.79	0.64	0.00	0.00	0.00	0.00	0.00	-0.37	-0.47	-0.17	0.00	0.00	0.00
ADK_NYS___DAM	49.67	42.67	43.39	47.17	45.05	42.67	44.12	38.09	37.61	37.98	39.00	44.49	50.41	60.24	55.86	64.71	60.15	50.06	40.20	41.33	44.88	46.55	45.40	39.00
23527	1.26	1.38	1.71	1.79	1.59	1.54	1.67	1.47	1.56	1.26	0.89	0.59	0.84	1.48	1.75	1.98	1.75	2.12	1.75	1.58	1.57	1.49	1.34	1.06
	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	1.33	1.77	1.42	0.00	0.00	0.00	0.00	0.00	-0.49	-0.63	-0.23	0.00	0.00	0.00
AIR_PRODUCTS___DRP	47.86	40.92	41.45	45.11	43.20	40.90	42.24	36.63	36.10	36.45	38.49	44.34	49.84	58.36	53.95	62.50	58.08	48.02	38.41	39.51	43.01	44.69	43.61	37.57
24190	-0.70	-0.37	-0.23	-0.26	-0.26	-0.24	-0.21	0.01	0.04	-0.14	-0.46	-0.67	-0.62	-0.40	-0.16	-0.23	-0.32	0.08	0.06	-0.10	-0.26	-0.37	-0.46	-0.36
	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.65	0.52	0.00	0.00	0.00	0.00	0.00	-0.38	-0.50	-0.18	0.00	0.00	0.00
AKWESSNE_115KV_BK	49.14	41.59	41.90	45.80	43.99	41.62	42.94	36.94	36.40	37.00	39.98	46.26	51.50	59.01	54.14	63.10	58.81	47.92	38.06	39.42	43.63	45.70	44.71	38.45
355683	0.50	0.30	0.22	0.43	0.53	0.49	0.48	0.32	0.35	0.41	0.55	0.60	0.51	0.23	0.04	0.37	0.40	-0.02	0.09	0.31	0.55	0.64	0.64	0.52
	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	48.50	41.83	42.41	46.26	44.29	41.92	43.30	37.36	36.66	36.83	38.97	44.78	49.81	57.92	53.83	62.54	58.18	48.08	25.91	36.50	43.20	44.96	43.86	37.94
323833	-0.09	0.54	0.73	0.88	0.83	0.79	0.84	0.74	0.61	0.24	-0.15	-0.46	-0.84	-0.85	-0.27	-0.20	-0.23	0.14	0.13	0.06	-0.04	-0.11	-0.20	0.01
	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.42	0.34	0.00	0.00	0.00	0.00	0.00	12.18	2.67	-0.15	0.00	0.00	0.00
ALBANY_2_SOLAR	48.47	41.81	42.40	46.24	44.27	41.91	43.29	37.36	36.65	36.83	38.96	44.78	49.81	57.89	53.80	62.51	58.14	48.06	25.90	36.47	43.18	44.94	43.85	37.94
323834	-0.12	0.52	0.73	0.87	0.81	0.78	0.83	0.74	0.60	0.24	-0.15	-0.46	-0.84	-0.88	-0.30	-0.23	-0.26	0.12	0.11	0.03	-0.06	-0.12	-0.22	0.00
	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.42	0.34	0.00	0.00	0.00	0.00	0.00	12.18	2.67	-0.15	0.00	0.00	0.00
ALBANY___1	47.86	40.92	41.45	45.11	43.20	40.90	42.24	36.63	36.10	36.45	38.49	44.34	49.84	58.36	53.95	62.50	58.08	48.02	38.41	39.51	43.01	44.69	43.61	37.57
23571	-0.70	-0.37	-0.23	-0.26	-0.26	-0.24	-0.21	0.01	0.04	-0.14	-0.46	-0.67	-0.62	-0.40	-0.16	-0.23	-0.32	0.08	0.06	-0.10	-0.26	-0.37	-0.46	-0.36
	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.65	0.52	0.00	0.00	0.00	0.00	0.00	-0.38	-0.50	-0.18	0.00	0.00	0.00

ALBANY___2 23572	47.86 -0.70 0.08	40.92 -0.37 0.00	41.45 -0.23 0.00	45.11 -0.26 0.00	43.20 -0.26 0.00	40.90 -0.24 0.00	42.24 -0.21 0.00	36.63 0.01 0.00	36.10 0.04 0.00	36.45 -0.14 0.00	38.49 -0.46 0.48	44.34 -0.67 0.65	49.84 -0.62 0.52	58.36 0.00 0.00	53.95 -0.16 0.00	62.50 -0.23 0.00	58.08 -0.32 0.00	48.02 0.08 0.00	38.41 0.06 -0.38	39.51 -0.10 -0.50	43.01 -0.26 -0.18	44.69 -0.37 0.00	43.61 -0.46 0.00	37.57 -0.36 0.00
ALBANY___3 23573	47.86 -0.70 0.08	40.92 -0.37 0.00	41.45 -0.23 0.00	45.11 -0.26 0.00	43.20 -0.26 0.00	40.90 -0.24 0.00	42.24 -0.21 0.00	36.63 0.01 0.00	36.10 0.04 0.00	36.45 -0.14 0.00	38.49 -0.46 0.48	44.34 -0.67 0.65	49.84 -0.62 0.52	58.36 -0.40 0.00	53.95 -0.16 0.00	62.50 -0.23 0.00	58.08 -0.32 0.00	48.02 0.08 0.00	38.41 0.06 -0.38	39.51 -0.10 -0.50	43.01 -0.26 -0.18	44.69 -0.37 0.00	43.61 -0.46 0.00	37.57 -0.36 0.00
ALBANY___4 23574	47.86 -0.70 0.08	40.92 -0.37 0.00	41.45 -0.23 0.00	45.11 -0.26 0.00	43.20 -0.26 0.00	40.90 -0.24 0.00	42.24 -0.21 0.00	36.63 0.01 0.00	36.10 0.04 0.00	36.45 -0.14 0.00	38.49 -0.46 0.48	44.34 -0.67 0.65	49.84 -0.62 0.52	58.36 -0.40 0.00	53.95 -0.16 0.00	62.50 -0.23 0.00	58.08 -0.32 0.00	48.02 0.08 0.00	38.41 0.06 -0.38	39.51 -0.10 -0.50	43.01 -0.26 -0.18	44.69 -0.37 0.00	43.61 -0.46 0.00	37.57 -0.36 0.00
ALBANY___LFGE 323615	48.52 -0.03 0.09	41.45 0.16 0.00	41.96 0.28 0.00	45.60 0.22 0.00	43.66 0.20 0.00	41.34 0.20 0.00	42.70 0.24 0.00	37.02 0.40 0.00	36.49 0.44 0.00	36.87 0.28 0.00	38.98 0.02 0.47	44.92 -0.06 0.68	50.51 0.09 0.57	59.22 0.45 0.00	54.77 0.67 0.00	63.46 0.73 0.00	58.96 0.56 0.00	48.74 0.81 0.00	38.96 0.60 -0.39	40.05 0.43 -0.50	43.58 0.31 -0.18	45.27 0.20 0.00	44.14 0.08 0.00	38.01 0.08 0.00
ALCOA_PA_115KV_PL-6C 55860	49.56 0.92 0.00	41.93 0.64 0.00	42.23 0.55 0.00	46.17 0.79 0.00	44.34 0.88 0.00	41.94 0.81 0.00	43.27 0.81 0.00	37.22 0.60 0.00	36.66 0.61 0.00	37.29 0.70 0.00	40.30 0.87 0.00	46.66 1.00 0.00	51.95 0.96 0.00	59.47 0.70 0.00	54.55 0.44 0.00	63.55 0.81 0.00	59.24 0.84 0.00	48.08 0.14 0.00	38.28 0.31 0.00	39.72 0.60 0.00	44.00 0.91 0.00	46.08 1.02 0.00	45.08 1.01 0.00	38.63 0.70 0.00
ALCOA_RYNLDS___DRP 24188	49.56 0.92 0.00	41.93 0.64 0.00	42.23 0.55 0.00	46.17 0.79 0.00	44.34 0.88 0.00	41.94 0.81 0.00	43.27 0.81 0.00	37.22 0.60 0.00	36.66 0.61 0.00	37.29 0.70 0.00	40.30 0.87 0.00	46.66 1.00 0.00	51.95 0.96 0.00	59.47 0.70 0.00	54.55 0.44 0.00	63.55 0.81 0.00	59.24 0.84 0.00	48.08 0.14 0.00	38.28 0.31 0.00	39.72 0.60 0.00	44.00 0.91 0.00	46.08 1.02 0.00	45.08 1.01 0.00	38.63 0.70 0.00
ALCOA___DSASP 323711	49.56 0.92 0.00	41.93 0.64 0.00	42.23 0.55 0.00	46.17 0.79 0.00	44.34 0.88 0.00	41.94 0.81 0.00	43.27 0.81 0.00	37.22 0.60 0.00	36.66 0.61 0.00	37.29 0.70 0.00	40.30 0.87 0.00	46.65 0.99 0.00	51.95 0.96 0.00	59.47 0.70 0.00	54.55 0.44 0.00	63.55 0.82 0.00	59.24 0.84 0.00	48.08 0.14 0.00	38.28 0.31 0.00	39.72 0.60 0.00	44.00 0.91 0.00	46.08 1.01 0.00	45.08 1.01 0.00	38.63 0.69 0.00
ALLEGHENY___COGEN 23514	51.94 3.30 0.00	43.50 2.21 0.00	43.78 2.11 0.00	47.01 1.64 0.00	44.70 1.24 0.00	42.48 1.35 0.00	43.88 1.43 0.00	37.11 0.48 0.00	36.37 0.31 0.00	37.60 1.02 0.00	40.71 1.28 0.00	45.99 0.33 0.00	49.89 -1.10 0.00	56.82 -1.95 0.00	52.27 -1.83 0.00	60.90 -1.83 0.00	56.22 -2.19 0.00	48.99 -1.57 -2.63	33.22 -1.31 3.44	38.25 -0.87 0.00	42.23 -0.86 0.00	44.40 -0.66 0.00	43.37 -0.70 0.00	38.13 0.20 0.00
ALTAMONT_115KV_TB 2 55880	48.64 0.05 0.05	41.52 0.23 0.00	42.02 0.34 0.00	45.79 0.41 0.00	43.85 0.39 0.00	41.51 0.38 0.00	42.86 0.40 0.00	37.06 0.44 0.00	36.47 0.41 0.00	36.90 0.31 0.00	39.23 0.12 0.32	45.28 0.04 0.42	50.77 0.12 0.34	59.18 0.41 0.00	54.66 0.55 0.00	63.33 0.60 0.00	58.91 0.51 0.00	48.63 0.69 0.00	39.62 0.57 -1.08	40.24 0.48 -0.64	43.66 0.40 -0.17	45.40 0.34 0.00	44.34 0.27 0.00	38.18 0.24 0.00
ALTONA_WT_PWR 323606	48.95 0.30 0.00	41.32 0.03 0.00	41.55 -0.13 0.00	45.33 -0.05 0.00	43.59 0.13 0.00	41.30 0.17 0.00	42.60 0.15 0.00	36.77 0.15 0.00	36.37 0.32 0.00	36.91 0.32 0.00	39.89 0.46 0.00	45.95 0.29 0.00	51.46 0.47 0.00	58.93 0.15 0.00	53.97 -0.14 0.00	62.87 0.13 0.00	58.75 0.35 0.00	48.06 0.12 0.00	38.17 0.20 0.00	39.49 0.37 0.00	43.78 0.69 0.00	45.72 0.66 0.00	44.65 0.59 0.00	38.42 0.49 0.00
AMERICAN_REF_FUEL 24010	48.78 0.14 0.00	40.86 -0.43 0.00	41.35 -0.33 0.00	44.13 -1.24 0.00	41.81 -1.65 0.00	39.71 -1.42 0.00	40.83 -1.62 0.00	34.24 -2.38 0.00	34.00 -2.05 0.00	34.78 -1.81 0.00	37.92 -1.51 0.00	43.72 -1.94 0.00	47.80 -3.19 0.00	54.56 -4.20 0.00	49.81 -4.29 0.00	57.20 -5.54 0.00	52.90 -5.50 0.00	42.28 -5.05 0.61	31.73 -4.12 2.13	34.93 -4.19 0.00	38.52 -4.57 0.00	41.01 -4.05 0.00	40.61 -3.45 0.00	35.49 -2.44 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	49.81 1.17 0.00	41.53 0.24 0.00	42.01 0.33 0.00	45.27 -0.11 0.00	42.81 -0.64 0.00	40.68 -0.45 0.00	41.58 -0.87 0.00	34.41 -2.21 0.00	34.73 -1.32 0.00	36.20 -0.39 0.00	39.49 0.06 0.00	45.49 -0.17 0.00	50.24 -0.75 0.00	57.51 -1.26 0.00	52.51 -1.59 0.00	60.48 -2.26 0.00	55.80 -2.60 0.00	44.81 -2.53 0.60	32.70 -2.60 2.68	36.98 -2.14 0.00	40.61 -2.48 0.00	42.91 -2.15 0.00	42.51 -1.55 0.00	36.85 -1.08 0.00
ARTHUR KILL_GT_1 23520	48.97 0.78 0.45	42.41 1.12 0.00	42.57 0.89 0.00	46.15 0.78 0.00	44.40 0.94 0.00	42.01 0.88 0.00	43.33 0.87 0.00	37.73 1.11 0.00	37.42 1.36 0.00	38.88 1.55 -0.74	41.79 1.69 -0.67	48.10 1.76 -0.67	50.36 1.92 2.55	61.42 2.85 0.20	56.64 2.67 0.13	66.07 3.33 0.00	61.65 3.26 0.01	51.04 3.11 0.00	42.73 2.66 -2.10	44.34 2.52 -2.70	46.39 2.32 -0.97	47.45 2.39 0.00	46.50 2.43 0.00	40.15 2.21 0.00
ARTHUR_KILL_2 23512	48.78 0.59 0.45	42.25 0.97 0.00	42.42 0.74 0.00	46.00 0.62 0.00	44.25 0.79 0.00	41.87 0.73 0.00	43.20 0.74 0.00	37.61 0.99 0.00	37.29 1.24 0.00	38.76 1.43 -0.74	41.64 1.55 -0.67	47.91 1.58 -0.67	50.13 1.69 2.55	61.17 2.60 0.20	56.42 2.45 0.13	65.80 3.06 0.00	61.38 2.98 0.01	50.80 2.86 0.00	42.54 2.47 -2.10	44.15 2.32 -2.70	46.18 2.12 -0.97	47.25 2.19 0.00	46.32 2.25 0.00	39.99 2.05 0.00
ARTHUR_KILL_3 23513	49.16 0.96 0.45	42.35 1.06 0.00	42.57 0.89 0.00	46.16 0.79 0.00	44.35 0.89 0.00	42.00 0.87 0.00	43.32 0.87 0.00	37.72 1.10 0.00	37.42 1.37 0.00	38.83 1.50 -0.74	41.71 1.61 -0.67	48.37 1.84 -0.87	50.64 2.20 2.55	61.61 3.04 0.19	56.74 2.76 0.13	66.14 3.41 0.00	61.71 3.31 0.00	50.94 3.01 0.00	42.40 2.33 -2.10	44.06 2.23 -2.71	46.11 2.04 -0.98	47.11 2.04 0.00	46.19 2.12 0.00	39.90 1.96 0.00

ARTHUR_KILL_COGEN 323718	48.98 0.79 0.45	42.41 1.12 0.00	42.57 0.89 0.00	46.15 0.78 0.00	44.41 0.95 0.00	42.01 0.88 0.00	43.33 0.87 0.00	37.73 1.11 0.00	37.42 1.36 0.00	38.87 1.55 -0.74	41.79 1.69 -0.67	48.09 1.76 -0.67	50.34 1.90 2.55	61.42 2.85 0.20	56.64 2.67 0.13	66.07 3.34 0.00	61.65 3.26 0.01	51.04 3.11 0.00	42.73 2.66 -2.10	44.33 2.51 -2.70	46.38 2.31 -0.97	47.45 2.38 0.00	46.50 2.43 0.00	40.14 2.21 0.00
ASHOKAN____ 23654	49.81 1.17 0.00	42.28 0.99 0.00	42.61 0.93 0.00	46.33 0.96 0.00	44.39 0.93 0.00	42.02 0.89 0.00	43.41 0.95 0.00	37.63 1.01 0.00	37.23 1.18 0.00	37.79 1.20 0.00	40.67 1.24 0.00	47.09 1.43 0.00	52.99 2.00 0.00	61.17 2.41 0.00	56.76 2.66 0.00	66.14 3.41 0.00	61.59 3.19 0.00	50.75 2.81 0.00	28.60 2.28 11.65	38.49 2.24 2.87	45.23 2.14 0.00	47.05 1.98 0.00	45.73 1.67 0.00	39.16 1.23 0.00
ASTORIA_EAST_ENERGY_CC1 323581	49.94 1.18 -0.12	42.56 1.27 0.00	42.68 1.01 0.00	46.31 0.93 0.00	44.57 1.11 0.00	42.17 1.04 0.00	43.50 1.05 0.00	37.91 1.29 0.00	37.62 1.57 0.00	39.11 1.79 -0.74	42.00 1.90 -0.67	48.59 2.04 -0.89	53.97 2.27 -0.71	61.92 3.15 0.00	57.07 2.97 0.00	66.28 3.55 0.00	61.82 3.42 0.00	51.09 3.16 0.00	42.51 2.44 -2.10	44.11 2.29 -2.70	46.22 2.15 -0.97	47.25 2.19 0.00	46.51 2.44 0.00	40.17 2.24 0.00
ASTORIA_EAST_ENERGY_CC2 323582	49.94 1.18 -0.12	42.56 1.27 0.00	42.68 1.01 0.00	46.31 0.93 0.00	44.57 1.11 0.00	42.17 1.04 0.00	43.50 1.05 0.00	37.91 1.29 0.00	37.62 1.57 0.00	39.11 1.79 -0.74	42.00 1.90 -0.67	48.59 2.04 -0.89	53.97 2.27 -0.71	61.92 3.15 0.00	57.07 2.97 0.00	66.28 3.55 0.00	61.82 3.42 0.00	51.09 3.16 0.00	42.51 2.44 -2.10	44.11 2.29 -2.70	46.22 2.15 -0.97	47.25 2.19 0.00	46.51 2.44 0.00	40.17 2.24 0.00
ASTORIA_GT2_1 24094	49.95 1.20 -0.12	42.57 1.29 0.00	42.71 1.03 0.00	46.34 0.97 0.00	44.60 1.14 0.00	42.19 1.05 0.00	43.52 1.07 0.00	37.92 1.30 0.00	37.64 1.59 0.00	39.14 1.81 -0.74	42.02 1.92 -0.67	48.64 2.09 -0.89	54.00 2.30 -0.72	61.95 3.18 0.00	57.10 3.00 0.00	66.33 3.59 0.00	61.86 3.46 0.00	51.13 3.19 0.00	42.53 2.46 -2.10	44.15 2.32 -2.70	46.25 2.18 -0.97	47.29 2.22 0.00	46.53 2.46 0.00	40.19 2.26 0.00
ASTORIA_GT2_2 24095	49.95 1.20 -0.12	42.57 1.29 0.00	42.71 1.03 0.00	46.34 0.97 0.00	44.60 1.14 0.00	42.19 1.05 0.00	43.52 1.07 0.00	37.92 1.30 0.00	37.64 1.59 0.00	39.14 1.81 -0.74	42.02 1.92 -0.67	48.64 2.09 -0.89	54.00 2.30 -0.72	61.95 3.18 0.00	57.10 3.00 0.00	66.33 3.59 0.00	61.86 3.46 0.00	51.13 3.19 0.00	42.53 2.46 -2.10	44.15 2.32 -2.70	46.25 2.18 -0.97	47.29 2.22 0.00	46.53 2.46 0.00	40.19 2.26 0.00
ASTORIA_GT2_3 24096	49.95 1.20 -0.12	42.57 1.29 0.00	42.71 1.03 0.00	46.34 0.97 0.00	44.60 1.14 0.00	42.19 1.05 0.00	43.52 1.07 0.00	37.92 1.30 0.00	37.64 1.59 0.00	39.14 1.81 -0.74	42.02 1.92 -0.67	48.64 2.09 -0.89	54.00 2.30 -0.72	61.95 3.18 0.00	57.10 3.00 0.00	66.33 3.59 0.00	61.86 3.46 0.00	51.13 3.19 0.00	42.53 2.46 -2.10	44.15 2.32 -2.70	46.25 2.18 -0.97	47.29 2.22 0.00	46.53 2.46 0.00	40.19 2.26 0.00
ASTORIA_GT2_4 24097	49.95 1.20 -0.12	42.57 1.29 0.00	42.71 1.03 0.00	46.34 0.97 0.00	44.60 1.14 0.00	42.19 1.05 0.00	43.52 1.07 0.00	37.92 1.30 0.00	37.64 1.59 0.00	39.14 1.81 -0.74	42.02 1.92 -0.67	48.64 2.09 -0.89	54.00 2.30 -0.72	61.95 3.18 0.00	57.10 3.00 0.00	66.33 3.59 0.00	61.86 3.46 0.00	51.13 3.19 0.00	42.53 2.46 -2.10	44.15 2.32 -2.70	46.25 2.18 -0.97	47.29 2.22 0.00	46.53 2.46 0.00	40.19 2.26 0.00
ASTORIA_GT3_1 24098	49.95 1.20 -0.12	42.57 1.29 0.00	42.71 1.03 0.00	46.34 0.97 0.00	44.60 1.14 0.00	42.19 1.05 0.00	43.52 1.07 0.00	37.92 1.30 0.00	37.64 1.59 0.00	39.14 1.81 -0.74	42.02 1.92 -0.67	48.64 2.09 -0.89	54.00 2.30 -0.72	61.95 3.18 0.00	57.10 3.00 0.00	66.33 3.59 0.00	61.86 3.46 0.00	51.13 3.19 0.00	42.53 2.46 -2.10	44.15 2.32 -2.70	46.25 2.18 -0.97	47.29 2.22 0.00	46.53 2.46 0.00	40.19 2.26 0.00
ASTORIA_GT3_2 24099	49.95 1.20 -0.12	42.57 1.29 0.00	42.71 1.03 0.00	46.34 0.97 0.00	44.60 1.14 0.00	42.19 1.05 0.00	43.52 1.07 0.00	37.92 1.30 0.00	37.64 1.59 0.00	39.14 1.81 -0.74	42.02 1.92 -0.67	48.64 2.09 -0.89	54.00 2.30 -0.72	61.95 3.18 0.00	57.10 3.00 0.00	66.33 3.59 0.00	61.86 3.46 0.00	51.13 3.19 0.00	42.53 2.46 -2.10	44.15 2.32 -2.70	46.25 2.18 -0.97	47.29 2.22 0.00	46.53 2.46 0.00	40.19 2.26 0.00
ASTORIA_GT3_3 24100	49.95 1.20 -0.12	42.57 1.29 0.00	42.71 1.03 0.00	46.34 0.97 0.00	44.60 1.14 0.00	42.19 1.05 0.00	43.52 1.07 0.00	37.92 1.30 0.00	37.64 1.59 0.00	39.14 1.81 -0.74	42.02 1.92 -0.67	48.64 2.09 -0.89	54.00 2.30 -0.72	61.95 3.18 0.00	57.10 3.00 0.00	66.33 3.59 0.00	61.86 3.46 0.00	51.13 3.19 0.00	42.53 2.46 -2.10	44.15 2.32 -2.70	46.25 2.18 -0.97	47.29 2.22 0.00	46.53 2.46 0.00	40.19 2.26 0.00
ASTORIA_GT3_4 24101	49.95 1.20 -0.12	42.57 1.29 0.00	42.71 1.03 0.00	46.34 0.97 0.00	44.60 1.14 0.00	42.19 1.05 0.00	43.52 1.07 0.00	37.92 1.30 0.00	37.64 1.59 0.00	39.14 1.81 -0.74	42.02 1.92 -0.67	48.64 2.09 -0.89	54.00 2.30 -0.72	61.95 3.18 0.00	57.10 3.00 0.00	66.33 3.59 0.00	61.86 3.46 0.00	51.13 3.19 0.00	42.53 2.46 -2.10	44.15 2.32 -2.70	46.25 2.18 -0.97	47.29 2.22 0.00	46.53 2.46 0.00	40.19 2.26 0.00
ASTORIA_GT4_1 24102	49.95 1.20 -0.12	42.57 1.29 0.00	42.71 1.03 0.00	46.34 0.97 0.00	44.60 1.14 0.00	42.19 1.05 0.00	43.52 1.07 0.00	37.92 1.30 0.00	37.64 1.59 0.00	39.14 1.81 -0.74	42.02 1.92 -0.67	48.64 2.09 -0.89	54.00 2.30 -0.72	61.95 3.18 0.00	57.10 3.00 0.00	66.33 3.59 0.00	61.86 3.46 0.00	51.13 3.19 0.00	42.53 2.46 -2.10	44.15 2.32 -2.70	46.25 2.18 -0.97	47.29 2.22 0.00	46.53 2.46 0.00	40.19 2.26 0.00
ASTORIA_GT4_2 24103	49.95 1.20 -0.12	42.57 1.29 0.00	42.71 1.03 0.00	46.34 0.97 0.00	44.60 1.14 0.00	42.19 1.05 0.00	43.52 1.07 0.00	37.92 1.30 0.00	37.64 1.59 0.00	39.14 1.81 -0.74	42.02 1.92 -0.67	48.64 2.09 -0.89	54.00 2.30 -0.72	61.95 3.18 0.00	57.10 3.00 0.00	66.33 3.59 0.00	61.86 3.46 0.00	51.13 3.19 0.00	42.53 2.46 -2.10	44.15 2.32 -2.70	46.25 2.18 -0.97	47.29 2.22 0.00	46.53 2.46 0.00	40.19 2.26 0.00
ASTORIA_GT4_3 24104	49.95 1.20 -0.12	42.57 1.29 0.00	42.71 1.03 0.00	46.34 0.97 0.00	44.60 1.14 0.00	42.19 1.05 0.00	43.52 1.07 0.00	37.92 1.30 0.00	37.64 1.59 0.00	39.14 1.81 -0.74	42.02 1.92 -0.67	48.64 2.09 -0.89	54.00 2.30 -0.72	61.95 3.18 0.00	57.10 3.00 0.00	66.33 3.59 0.00	61.86 3.46 0.00	51.13 3.19 0.00	42.53 2.46 -2.10	44.15 2.32 -2.70	46.25 2.18 -0.97	47.29 2.22 0.00	46.53 2.46 0.00	40.19 2.26 0.00

ASTORIA_GT4_4 24105	49.95 1.20 -0.12	42.57 1.29 0.00	42.71 1.03 0.00	46.34 0.97 0.00	44.60 1.14 0.00	42.19 1.05 0.00	43.52 1.07 0.00	37.92 1.30 0.00	37.64 1.59 0.00	39.14 1.81 -0.74	42.02 1.92 -0.67	48.64 2.09 -0.89	54.00 2.30 -0.72	61.95 3.18 0.00	57.10 3.00 0.00	66.33 3.59 0.00	61.86 3.46 0.00	51.13 3.19 0.00	42.53 2.46 -2.10	44.15 2.32 -2.70	46.25 2.18 -0.97	47.29 2.22 0.00	46.53 2.46 0.00	40.19 2.26 0.00
ASTORIA_GT_1 23523	50.08 1.32 -0.12	42.67 1.38 0.00	42.80 1.12 0.00	46.44 1.06 0.00	44.69 1.23 0.00	42.27 1.14 0.00	43.61 1.16 0.00	38.00 1.38 0.00	37.72 1.67 0.00	39.23 1.90 -0.74	42.12 2.02 -0.67	48.76 2.21 -0.89	54.15 2.44 -0.72	62.12 3.35 0.00	57.25 3.14 0.00	66.50 3.76 0.00	62.04 3.64 0.00	51.26 3.31 0.00	42.63 2.56 -2.10	44.25 2.43 -2.70	46.36 2.29 -0.97	47.41 2.34 0.00	46.64 2.58 0.00	40.29 2.36 0.00
ASTORIA_GT_10 24110	49.81 1.06 -0.12	42.45 1.16 0.00	42.64 0.96 0.00	46.25 0.87 0.00	44.47 1.02 0.00	42.09 0.95 0.00	43.42 0.97 0.00	37.84 1.22 0.00	37.56 1.51 0.00	39.03 1.70 -0.74	41.93 1.83 -0.67	48.59 2.04 -0.89	53.97 2.26 -0.72	61.88 3.11 0.00	57.00 2.90 0.00	66.23 3.49 0.00	61.80 3.40 0.00	51.08 3.14 0.00	42.48 2.41 -2.10	44.09 2.27 -2.70	46.17 2.10 -0.97	47.21 2.15 0.00	46.36 2.30 0.00	40.07 2.13 0.00
ASTORIA_GT_11 24225	49.81 1.06 -0.12	42.45 1.16 0.00	42.64 0.96 0.00	46.25 0.87 0.00	44.47 1.02 0.00	42.09 0.95 0.00	43.42 0.97 0.00	37.84 1.22 0.00	37.56 1.51 0.00	39.03 1.70 -0.74	41.93 1.83 -0.67	48.59 2.04 -0.89	53.97 2.26 -0.72	61.88 3.11 0.00	57.00 2.90 0.00	66.23 3.49 0.00	61.80 3.40 0.00	51.08 3.14 0.00	42.48 2.41 -2.10	44.09 2.27 -2.70	46.17 2.10 -0.97	47.21 2.15 0.00	46.36 2.30 0.00	40.07 2.13 0.00
ASTORIA_GT_12 24226	49.81 1.06 -0.12	42.45 1.16 0.00	42.64 0.96 0.00	46.25 0.87 0.00	44.47 1.02 0.00	42.09 0.95 0.00	43.42 0.97 0.00	37.84 1.22 0.00	37.56 1.51 0.00	39.03 1.70 -0.74	41.93 1.83 -0.67	48.59 2.04 -0.89	53.97 2.26 -0.72	61.88 3.11 0.00	57.00 2.90 0.00	66.23 3.49 0.00	61.80 3.40 0.00	51.08 3.14 0.00	42.48 2.41 -2.10	44.09 2.27 -2.70	46.17 2.10 -0.97	47.21 2.15 0.00	46.36 2.30 0.00	40.07 2.13 0.00
ASTORIA_GT_13 24227	49.81 1.06 -0.12	42.45 1.16 0.00	42.64 0.96 0.00	46.25 0.87 0.00	44.47 1.02 0.00	42.09 0.95 0.00	43.42 0.97 0.00	37.84 1.22 0.00	37.56 1.51 0.00	39.03 1.70 -0.74	41.93 1.83 -0.67	48.59 2.04 -0.89	53.97 2.26 -0.72	61.88 3.11 0.00	57.00 2.90 0.00	66.23 3.49 0.00	61.80 3.40 0.00	51.08 3.14 0.00	42.48 2.41 -2.10	44.09 2.27 -2.70	46.17 2.10 -0.97	47.21 2.15 0.00	46.36 2.30 0.00	40.07 2.13 0.00
ASTORIA_GT_5 24106	50.08 1.32 -0.12	42.67 1.38 0.00	42.80 1.12 0.00	46.44 1.06 0.00	44.69 1.23 0.00	42.27 1.14 0.00	43.61 1.16 0.00	38.00 1.38 0.00	37.72 1.67 0.00	39.23 1.90 -0.74	42.12 2.02 -0.67	48.76 2.21 -0.89	54.15 2.44 -0.72	62.12 3.35 0.00	57.25 3.14 0.00	66.50 3.76 0.00	62.04 3.64 0.00	51.26 3.31 0.00	42.63 2.56 -2.10	44.25 2.43 -2.70	46.36 2.29 -0.97	47.41 2.34 0.00	46.64 2.58 0.00	40.29 2.36 0.00
ASTORIA_GT_7 24107	50.08 1.32 -0.12	42.67 1.38 0.00	42.80 1.12 0.00	46.44 1.06 0.00	44.69 1.23 0.00	42.27 1.14 0.00	43.61 1.16 0.00	38.00 1.38 0.00	37.72 1.67 0.00	39.23 1.90 -0.74	42.12 2.02 -0.67	48.76 2.21 -0.89	54.15 2.44 -0.72	62.12 3.35 0.00	57.25 3.14 0.00	66.50 3.76 0.00	62.04 3.64 0.00	51.26 3.31 0.00	42.63 2.56 -2.10	44.25 2.43 -2.70	46.36 2.29 -0.97	47.41 2.34 0.00	46.64 2.58 0.00	40.29 2.36 0.00
ASTORIA_GT_8 24108	50.08 1.32 -0.12	42.67 1.38 0.00	42.80 1.12 0.00	46.44 1.06 0.00	44.69 1.23 0.00	42.27 1.14 0.00	43.61 1.16 0.00	38.00 1.38 0.00	37.72 1.67 0.00	39.23 1.90 -0.74	42.12 2.02 -0.67	48.76 2.21 -0.89	54.15 2.44 -0.72	62.12 3.35 0.00	57.25 3.14 0.00	66.50 3.76 0.00	62.04 3.64 0.00	51.26 3.31 0.00	42.63 2.56 -2.10	44.25 2.43 -2.70	46.36 2.29 -0.97	47.41 2.34 0.00	46.64 2.58 0.00	40.29 2.36 0.00
ASTORIA___2 24149	49.95 1.20 -0.12	42.57 1.29 0.00	42.70 1.02 0.00	46.34 0.96 0.00	44.59 1.13 0.00	42.19 1.05 0.00	43.53 1.07 0.00	37.92 1.30 0.00	37.64 1.59 0.00	39.14 1.81 -0.74	42.02 1.92 -0.67	48.62 2.07 -0.89	53.99 2.29 -0.71	61.95 3.18 0.00	57.09 2.98 0.00	66.32 3.58 0.00	61.86 3.46 0.00	51.12 3.19 0.00	42.52 2.45 -2.10	44.14 2.32 -2.70	46.23 2.16 -0.97	47.28 2.21 0.00	46.53 2.46 0.00	40.19 2.26 0.00
ASTORIA___3 23516	49.81 1.06 -0.12	42.45 1.16 0.00	42.64 0.96 0.00	46.25 0.87 0.00	44.48 1.02 0.00	42.08 0.95 0.00	43.43 0.97 0.00	37.84 1.22 0.00	37.56 1.51 0.00	39.02 1.70 -0.74	41.93 1.83 -0.67	48.57 2.02 -0.89	53.95 2.25 -0.71	61.87 3.10 0.00	57.00 2.89 0.00	66.24 3.50 0.00	61.80 3.40 0.00	51.07 3.13 0.00	42.48 2.41 -2.10	44.09 2.26 -2.70	46.16 2.09 -0.97	47.20 2.14 0.00	46.37 2.30 0.00	40.07 2.14 0.00
ASTORIA___4 23517	49.81 1.06 -0.12	42.45 1.16 0.00	42.64 0.96 0.00	46.25 0.87 0.00	44.47 1.02 0.00	42.09 0.95 0.00	43.42 0.97 0.00	37.84 1.22 0.00	37.56 1.51 0.00	39.03 1.70 -0.74	41.93 1.83 -0.67	48.59 2.04 -0.89	53.97 2.26 -0.72	61.88 3.11 0.00	57.00 2.90 0.00	66.23 3.49 0.00	61.80 3.40 0.00	51.07 3.13 0.00	42.48 2.41 -2.10	44.09 2.27 -2.70	46.17 2.10 -0.97	47.21 2.15 0.00	46.36 2.30 0.00	40.07 2.13 0.00
ASTORIA___5 23518	49.81 1.06 -0.12	42.45 1.16 0.00	42.64 0.97 0.00	46.25 0.87 0.00	44.48 1.02 0.00	42.08 0.95 0.00	43.43 0.97 0.00	37.84 1.22 0.00	37.56 1.51 0.00	39.03 1.70 -0.74	41.93 1.83 -0.67	48.57 2.02 -0.89	53.96 2.25 -0.71	61.88 3.11 0.00	57.00 2.89 0.00	66.24 3.50 0.00	61.80 3.40 0.00	51.08 3.14 0.00	42.48 2.41 -2.10	44.09 2.26 -2.70	46.16 2.10 -0.97	47.21 2.15 0.00	46.37 2.30 0.00	40.07 2.14 0.00
AST_ENERGY_2_CC3 323677	49.90 1.15 -0.12	42.46 1.17 0.00	42.70 1.02 0.00	46.32 0.95 0.00	44.49 1.03 0.00	42.13 1.00 0.00	43.45 1.00 0.00	37.84 1.22 0.00	37.53 1.47 0.00	38.94 1.61 -0.74	41.81 1.71 -0.67	48.54 1.99 -0.89	54.10 2.40 -0.72	62.02 3.26 0.00	57.05 2.94 0.00	66.33 3.59 0.00	61.88 3.48 0.00	51.07 3.13 0.00	42.45 2.38 -2.10	44.23 2.41 -2.71	46.26 2.20 -0.98	47.21 2.15 0.00	46.27 2.20 0.00	39.96 2.03 0.00
AST_ENERGY_2_CC4 323678	49.90 1.15 -0.12	42.46 1.17 0.00	42.70 1.02 0.00	46.32 0.95 0.00	44.49 1.03 0.00	42.13 1.00 0.00	43.45 1.00 0.00	37.84 1.22 0.00	37.53 1.47 0.00	38.94 1.61 -0.74	41.81 1.71 -0.67	48.54 1.99 -0.89	54.10 2.40 -0.72	62.02 3.26 0.00	57.05 2.94 0.00	66.33 3.59 0.00	61.88 3.48 0.00	51.07 3.13 0.00	42.45 2.38 -2.10	44.23 2.41 -2.71	46.26 2.20 -0.98	47.21 2.15 0.00	46.27 2.20 0.00	39.96 2.03 0.00

ATHENS_STG_1 23668	48.81 0.12 -0.05	41.55 0.26 0.00	42.00 0.32 0.00	45.77 0.39 0.00	43.87 0.41 0.00	41.53 0.40 0.00	42.87 0.42 0.00	37.12 0.50 0.00	36.52 0.47 0.00	37.18 0.45 -0.14	40.06 0.36 -0.27	46.43 0.40 -0.36	51.87 0.59 -0.29	59.70 0.93 0.00	55.05 0.94 0.00	63.77 1.04 0.00	59.35 0.95 0.00	48.98 1.04 0.00	39.23 0.85 -0.41	40.41 0.76 -0.53	43.95 0.67 -0.19	45.70 0.64 0.00	44.66 0.60 0.00	38.45 0.52 0.00
ATHENS_STG_2 23670	48.81 0.12 -0.05	41.55 0.26 0.00	42.00 0.32 0.00	45.77 0.39 0.00	43.87 0.41 0.00	41.53 0.40 0.00	42.87 0.42 0.00	37.12 0.50 0.00	36.52 0.47 0.00	37.18 0.45 -0.14	40.06 0.36 -0.27	46.43 0.40 -0.36	51.87 0.59 -0.29	59.70 0.93 0.00	55.05 0.94 0.00	63.77 1.04 0.00	59.35 0.95 0.00	48.98 1.04 0.00	39.23 0.85 -0.41	40.41 0.76 -0.53	43.95 0.67 -0.19	45.70 0.64 0.00	44.66 0.60 0.00	38.45 0.52 0.00
ATHENS_STG_3 23677	48.81 0.12 -0.05	41.55 0.26 0.00	42.00 0.32 0.00	45.77 0.39 0.00	43.87 0.41 0.00	41.53 0.40 0.00	42.87 0.42 0.00	37.12 0.50 0.00	36.52 0.47 0.00	37.18 0.45 -0.14	40.06 0.36 -0.27	46.43 0.40 -0.36	51.87 0.59 -0.29	59.70 0.93 0.00	55.05 0.94 0.00	63.77 1.04 0.00	59.35 0.95 0.00	48.98 1.04 0.00	39.23 0.85 -0.41	40.41 0.76 -0.53	43.95 0.67 -0.19	45.70 0.64 0.00	44.66 0.60 0.00	38.45 0.52 0.00
AUBURN___LFGE 323710	49.51 0.63 -0.24	41.66 0.35 -0.02	42.19 0.33 -0.19	46.00 0.21 -0.42	43.40 -0.06 0.00	41.11 -0.02 0.00	42.42 -0.03 0.00	36.54 -0.08 0.00	35.91 -0.14 0.00	36.48 -0.10 0.00	39.64 0.20 0.00	46.03 0.37 0.00	51.20 0.19 -0.02	58.93 0.08 -0.09	53.88 -0.23 0.00	62.73 -0.03 -0.02	58.44 0.04 0.00	47.97 0.03 0.00	38.77 -0.06 -0.85	38.97 -0.15 0.00	42.94 -0.14 0.00	44.92 -0.15 0.00	43.91 -0.15 0.00	37.74 -0.22 -0.03
BABYLON_RES_REC 323704	50.80 2.04 -0.12	43.30 2.01 0.00	43.70 2.02 0.00	47.98 2.14 -0.47	46.17 2.18 -0.53	43.15 2.02 0.00	44.40 1.95 0.00	39.73 2.10 -1.01	42.21 2.26 -3.90	50.30 2.30 -11.42	50.49 2.20 -8.86	49.74 2.23 -1.85	64.79 2.41 -11.39	78.55 3.26 -16.52	85.64 2.84 -28.69	79.46 3.31 -13.42	87.54 3.24 -25.89	99.11 2.90 -48.27	41.45 1.79 -1.69	43.03 1.63 -2.28	45.48 1.42 -0.97	46.44 1.77 0.39	44.99 1.80 0.87	40.29 2.36 0.00
BALL_HILL_WT_PWR 323825	49.49 0.85 0.00	41.39 0.11 0.00	41.78 0.10 0.00	44.89 -0.49 0.00	42.52 -0.94 0.00	40.42 -0.71 0.00	41.53 -0.93 0.00	34.87 -1.75 0.00	34.75 -1.30 0.00	35.72 -0.87 0.00	38.96 -0.47 0.00	44.95 -0.71 0.00	49.56 -1.43 0.00	56.73 -2.03 0.00	51.81 -2.30 0.00	59.65 -3.08 0.00	55.14 -3.26 0.00	44.05 -3.10 0.79	32.66 -2.80 2.51	36.56 -2.56 0.00	40.18 -2.91 0.00	42.54 -2.52 0.00	42.01 -2.06 0.00	36.50 -1.44 0.00
BARON_WINDS___WT_PWR 323822	49.26 0.55 -0.06	41.35 0.05 -0.01	41.73 0.00 -0.05	45.05 -0.44 -0.11	42.78 -0.68 0.00	40.69 -0.44 0.00	42.03 -0.43 0.00	35.63 -0.99 0.00	35.11 -0.94 0.00	35.74 -0.84 0.00	39.08 -0.36 0.00	44.87 -0.79 0.00	49.69 -1.31 -0.01	56.82 -1.97 -0.02	52.10 -2.01 0.00	60.37 -2.37 0.00	55.74 -2.66 0.00	41.07 -2.52 4.35	31.63 -2.04 4.30	37.52 -1.60 0.00	41.24 -1.85 0.00	43.34 -1.72 0.00	42.32 -1.75 0.00	36.54 -1.40 -0.01
BARRETT_IC_1 23704	50.68 1.92 -0.12	43.19 1.91 0.00	43.55 1.87 0.00	47.77 1.92 -0.47	45.95 1.96 -0.53	42.98 1.85 0.00	44.27 1.81 0.00	39.50 1.87 -1.01	42.01 2.05 -3.90	50.15 2.14 -11.42	54.20 2.16 -12.60	50.00 2.49 -1.85	65.76 2.81 -11.96	80.08 3.73 -17.59	86.23 3.43 -28.69	80.07 3.92 -13.42	92.75 3.79 -30.57	114.83 3.21 -63.68	42.20 2.13 -2.10	43.82 2.00 -2.70	45.92 1.86 -0.98	51.39 2.19 -4.14	114.49 2.08 -68.34	40.15 2.21 0.00
BARRETT_IC_10 23701	50.68 1.92 -0.12	43.19 1.91 0.00	43.55 1.87 0.00	47.77 1.92 -0.47	45.95 1.96 -0.53	42.98 1.85 0.00	44.27 1.81 0.00	39.50 1.87 -1.01	42.01 2.05 -3.90	50.15 2.14 -11.42	54.20 2.16 -12.60	50.00 2.49 -1.85	65.76 2.81 -11.96	80.08 3.73 -17.59	86.23 3.43 -28.69	80.07 3.92 -13.42	90.64 3.79 -28.45	103.15 3.21 -52.00	42.20 2.13 -2.10	43.82 2.00 -2.70	45.92 1.86 -0.98	51.39 2.19 -4.14	114.49 2.08 -68.34	40.15 2.21 0.00
BARRETT_IC_11 23702	50.68 1.92 -0.12	43.19 1.91 0.00	43.55 1.87 0.00	47.77 1.92 -0.47	45.95 1.96 -0.53	42.98 1.85 0.00	44.27 1.81 0.00	39.50 1.87 -1.01	42.01 2.05 -3.90	50.15 2.14 -11.42	54.20 2.16 -12.60	50.00 2.49 -1.85	65.76 2.81 -11.96	80.08 3.73 -17.59	86.23 3.43 -28.69	80.07 3.92 -13.42	90.64 3.79 -28.45	103.15 3.21 -52.00	42.20 2.13 -2.10	43.82 2.00 -2.70	45.92 1.86 -0.98	51.39 2.19 -4.14	114.49 2.08 -68.34	40.15 2.21 0.00
BARRETT_IC_12 23703	50.68 1.92 -0.12	43.19 1.91 0.00	43.55 1.87 0.00	47.77 1.92 -0.47	45.95 1.96 -0.53	42.98 1.85 0.00	44.27 1.81 0.00	39.50 1.87 -1.01	42.01 2.05 -3.90	50.15 2.14 -11.42	54.20 2.16 -12.60	50.00 2.49 -1.85	65.76 2.81 -11.96	80.08 3.73 -17.59	86.23 3.43 -28.69	80.07 3.92 -13.42	90.64 3.79 -28.45	103.15 3.21 -52.00	42.20 2.13 -2.10	43.82 2.00 -2.70	45.92 1.86 -0.98	51.39 2.19 -4.14	114.49 2.08 -68.34	40.15 2.21 0.00
BARRETT_IC_2 23705	50.68 1.92 -0.12	43.19 1.91 0.00	43.55 1.87 0.00	47.77 1.92 -0.47	45.95 1.96 -0.53	42.98 1.85 0.00	44.27 1.81 0.00	39.50 1.87 -1.01	42.01 2.05 -3.90	50.15 2.14 -11.42	54.20 2.16 -12.60	50.00 2.49 -1.85	65.76 2.81 -11.96	80.08 3.73 -17.59	86.23 3.43 -28.69	80.07 3.92 -13.42	92.75 3.79 -30.57	114.83 3.21 -63.68	42.20 2.13 -2.10	43.82 2.00 -2.70	45.92 1.86 -0.98	51.39 2.19 -4.14	114.49 2.08 -68.34	40.15 2.21 0.00
BARRETT_IC_3 23706	50.68 1.92 -0.12	43.19 1.91 0.00	43.55 1.87 0.00	47.77 1.92 -0.47	45.95 1.96 -0.53	42.98 1.85 0.00	44.27 1.81 0.00	39.50 1.87 -1.01	42.01 2.05 -3.90	50.15 2.14 -11.42	54.20 2.16 -12.60	50.00 2.49 -1.85	65.76 2.81 -11.96	80.08 3.73 -17.59	86.23 3.43 -28.69	80.07 3.92 -13.42	92.75 3.79 -30.57	114.83 3.21 -63.68	42.20 2.13 -2.10	43.82 2.00 -2.70	45.92 1.86 -0.98	51.39 2.19 -4.14	114.49 2.08 -68.34	40.15 2.21 0.00
BARRETT_IC_4 23707	50.68 1.92 -0.12	43.19 1.91 0.00	43.55 1.87 0.00	47.77 1.92 -0.47	45.95 1.96 -0.53	42.98 1.85 0.00	44.27 1.81 0.00	39.50 1.87 -1.01	42.01 2.05 -3.90	50.15 2.14 -11.42	54.20 2.16 -12.60	50.00 2.49 -1.85	65.76 2.81 -11.96	80.08 3.73 -17.59	86.23 3.43 -28.69	80.07 3.92 -13.42	92.75 3.79 -30.57	114.83 3.21 -63.68	42.20 2.13 -2.10	43.82 2.00 -2.70	45.92 1.86 -0.98	51.39 2.19 -4.14	114.49 2.08 -68.34	40.15 2.21 0.00
BARRETT_IC_5 23708	50.68 1.92 -0.12	43.19 1.91 0.00	43.55 1.87 0.00	47.77 1.92 -0.47	45.95 1.96 -0.53	42.98 1.85 0.00	44.27 1.81 0.00	39.50 1.87 -1.01	42.01 2.05 -3.90	50.15 2.14 -11.42	54.20 2.16 -12.60	50.00 2.49 -1.85	65.76 2.81 -11.96	80.08 3.73 -17.59	86.23 3.43 -28.69	80.07 3.92 -13.42	92.75 3.79 -30.57	114.83 3.21 -63.68	42.20 2.13 -2.10	43.82 2.00 -2.70	45.92 1.86 -0.98	51.39 2.19 -4.14	114.49 2.08 -68.34	40.15 2.21 0.00

BARRETT_IC_6 23709	50.68 1.92 -0.12	43.19 1.91 0.00	43.55 1.87 0.00	47.77 1.92 -0.47	45.95 1.96 -0.53	42.98 1.85 0.00	44.27 1.81 0.00	39.50 1.87 -1.01	42.01 2.05 -3.90	50.15 2.14 -11.42	54.20 2.16 -12.60	50.00 2.49 -1.85	65.76 2.81 -11.96	80.08 3.73 -17.59	86.23 3.43 -28.69	80.07 3.92 -13.42	92.75 3.79 -30.57	114.83 3.21 -63.68	42.20 2.13 -2.10	43.82 2.00 -2.70	45.92 1.86 -0.98	51.39 2.19 -4.14	114.49 2.08 -68.34	40.15 2.21 0.00
BARRETT_IC_7 23710	50.68 1.92 -0.12	43.19 1.91 0.00	43.55 1.87 0.00	47.77 1.92 -0.47	45.95 1.96 -0.53	42.98 1.85 0.00	44.26 1.81 0.00	39.50 1.87 -1.01	42.01 2.06 -3.90	50.15 2.14 -11.42	54.18 2.15 -12.60	49.98 2.48 -1.84	65.76 2.82 -11.95	80.08 3.73 -17.58	86.22 3.43 -28.69	80.08 3.93 -13.42	92.75 3.79 -30.56	114.83 3.21 -63.68	42.20 2.13 -2.09	43.82 2.01 -2.70	45.93 1.87 -0.97	51.40 2.20 -4.13	114.53 2.12 -68.34	40.15 2.21 0.00
BARRETT_IC_8 23711	50.68 1.92 -0.12	43.19 1.91 0.00	43.55 1.87 0.00	47.77 1.92 -0.47	45.95 1.96 -0.53	42.98 1.85 0.00	44.27 1.81 0.00	39.50 1.87 -1.01	42.01 2.05 -3.90	50.15 2.14 -11.42	54.20 2.16 -12.60	50.00 2.49 -1.85	65.76 2.81 -11.96	80.08 3.73 -17.59	86.23 3.43 -28.69	80.07 3.92 -13.42	92.75 3.79 -30.57	114.83 3.21 -63.68	42.20 2.13 -2.10	43.82 2.00 -2.70	45.92 1.86 -0.98	51.39 2.19 -4.14	114.49 2.08 -68.34	40.15 2.21 0.00
BARRETT_IC_9 23700	50.68 1.92 -0.12	43.19 1.91 0.00	43.55 1.87 0.00	47.77 1.92 -0.47	45.95 1.96 -0.53	42.98 1.85 0.00	44.27 1.81 0.00	39.50 1.87 -1.01	42.01 2.05 -3.90	50.15 2.14 -11.42	54.20 2.16 -12.60	50.00 2.49 -1.85	65.76 2.81 -11.96	80.08 3.73 -17.59	86.23 3.43 -28.69	80.07 3.92 -13.42	90.64 3.79 -28.45	103.15 3.21 -52.00	42.20 2.13 -2.10	43.82 2.00 -2.70	45.92 1.86 -0.98	51.39 2.19 -4.14	114.49 2.08 -68.34	40.15 2.21 0.00
BARRETT___1 23545	50.68 1.92 -0.12	43.19 1.91 0.00	43.55 1.87 0.00	47.77 1.92 -0.47	45.95 1.96 -0.53	42.98 1.85 0.00	44.27 1.81 0.00	39.50 1.87 -1.01	42.01 2.05 -3.90	50.15 2.14 -11.42	54.20 2.16 -12.60	50.00 2.49 -1.85	65.76 2.81 -11.96	80.08 3.73 -17.59	86.23 3.43 -28.69	80.07 3.92 -13.42	92.75 3.79 -30.57	114.83 3.21 -63.68	42.20 2.13 -2.10	43.82 2.00 -2.70	45.92 1.86 -0.98	51.39 2.19 -4.14	114.49 2.08 -68.34	40.15 2.21 0.00
BARRETT___2 23546	50.68 1.92 -0.12	43.19 1.91 0.00	43.55 1.87 0.00	47.77 1.92 -0.47	45.95 1.96 -0.53	42.98 1.85 0.00	44.27 1.81 0.00	39.50 1.87 -1.01	42.01 2.05 -3.90	50.15 2.14 -11.42	54.20 2.16 -12.60	50.00 2.49 -1.85	65.76 2.81 -11.96	80.08 3.73 -17.59	86.23 3.43 -28.69	80.07 3.92 -13.42	90.64 3.79 -28.45	103.15 3.21 -52.00	42.20 2.13 -2.10	43.82 2.00 -2.70	45.92 1.86 -0.98	51.39 2.19 -4.14	114.49 2.08 -68.34	40.15 2.21 0.00
BATAVIA___115KV_TB1 55881	50.60 1.96 0.00	42.35 1.06 0.00	42.72 1.04 0.00	45.68 0.30 0.00	43.34 -0.12 0.00	41.14 0.00 0.00	42.36 -0.10 0.00	35.71 -0.90 0.00	35.51 -0.54 0.00	36.40 -0.19 0.00	39.50 0.07 0.00	45.50 -0.16 0.00	49.94 -1.05 0.00	57.22 -1.55 0.00	52.74 -1.36 0.00	60.73 -2.00 0.00	56.30 -2.10 0.00	45.28 -2.24 0.42	34.23 -1.92 1.82	37.19 -1.93 0.00	40.96 -2.13 0.00	43.35 -1.71 0.00	42.70 -1.37 0.00	37.14 -0.79 0.00
BAYONEEC___CTG1 323682	50.00 1.24 -0.12	42.54 1.25 0.00	42.79 1.11 0.00	46.40 1.03 0.00	44.57 1.11 0.00	42.21 1.08 0.00	43.54 1.08 0.00	37.90 1.28 0.00	37.60 1.55 0.00	39.00 1.68 -0.74	41.88 1.78 -0.67	48.63 2.08 -0.89	54.19 2.48 -0.72	62.11 3.34 0.00	57.14 3.04 0.00	66.45 3.71 0.00	62.00 3.59 0.00	51.17 3.24 0.00	42.54 2.47 -2.10	44.22 2.40 -2.71	46.29 2.23 -0.98	47.31 2.25 0.00	46.36 2.30 0.00	40.04 2.11 0.00
BAYONEEC___CTG10 323750	50.00 1.24 -0.12	42.54 1.25 0.00	42.79 1.11 0.00	46.40 1.03 0.00	44.57 1.11 0.00	42.21 1.08 0.00	43.54 1.08 0.00	37.90 1.28 0.00	37.60 1.55 0.00	39.00 1.68 -0.74	41.88 1.78 -0.67	48.63 2.08 -0.89	54.19 2.48 -0.72	62.11 3.34 0.00	57.14 3.04 0.00	66.45 3.71 0.00	62.00 3.59 0.00	51.17 3.24 0.00	42.54 2.47 -2.10	44.22 2.40 -2.71	46.29 2.23 -0.98	47.31 2.25 0.00	46.36 2.30 0.00	40.04 2.11 0.00
BAYONEEC___CTG2 323683	50.00 1.24 -0.12	42.54 1.25 0.00	42.79 1.11 0.00	46.40 1.03 0.00	44.57 1.11 0.00	42.21 1.08 0.00	43.54 1.08 0.00	37.90 1.28 0.00	37.60 1.55 0.00	39.00 1.68 -0.74	41.88 1.78 -0.67	48.63 2.08 -0.89	54.19 2.48 -0.72	62.11 3.34 0.00	57.14 3.04 0.00	66.45 3.71 0.00	62.00 3.59 0.00	51.17 3.24 0.00	42.54 2.47 -2.10	44.22 2.40 -2.71	46.29 2.23 -0.98	47.31 2.25 0.00	46.36 2.30 0.00	40.04 2.11 0.00
BAYONEEC___CTG3 323684	50.00 1.24 -0.12	42.54 1.25 0.00	42.79 1.11 0.00	46.40 1.03 0.00	44.57 1.11 0.00	42.21 1.08 0.00	43.54 1.08 0.00	37.90 1.28 0.00	37.60 1.55 0.00	39.00 1.68 -0.74	41.88 1.78 -0.67	48.63 2.08 -0.89	54.19 2.48 -0.72	62.11 3.34 0.00	57.14 3.04 0.00	66.45 3.71 0.00	62.00 3.59 0.00	51.17 3.24 0.00	42.54 2.47 -2.10	44.22 2.40 -2.71	46.29 2.23 -0.98	47.31 2.25 0.00	46.36 2.30 0.00	40.04 2.11 0.00
BAYONEEC___CTG4 323685	50.00 1.24 -0.12	42.54 1.25 0.00	42.79 1.11 0.00	46.40 1.03 0.00	44.57 1.11 0.00	42.21 1.08 0.00	43.54 1.08 0.00	37.90 1.28 0.00	37.60 1.55 0.00	39.00 1.68 -0.74	41.88 1.78 -0.67	48.63 2.08 -0.89	54.19 2.48 -0.72	62.11 3.34 0.00	57.14 3.04 0.00	66.45 3.71 0.00	62.00 3.59 0.00	51.17 3.24 0.00	42.54 2.47 -2.10	44.22 2.40 -2.71	46.29 2.23 -0.98	47.31 2.25 0.00	46.36 2.30 0.00	40.04 2.11 0.00
BAYONEEC___CTG5 323686	50.00 1.24 -0.12	42.54 1.25 0.00	42.79 1.11 0.00	46.40 1.03 0.00	44.57 1.11 0.00	42.21 1.08 0.00	43.54 1.08 0.00	37.90 1.28 0.00	37.60 1.55 0.00	39.00 1.68 -0.74	41.88 1.78 -0.67	48.63 2.08 -0.89	54.19 2.48 -0.72	62.11 3.34 0.00	57.14 3.04 0.00	66.45 3.71 0.00	62.00 3.59 0.00	51.17 3.24 0.00	42.54 2.47 -2.10	44.22 2.40 -2.71	46.29 2.23 -0.98	47.31 2.25 0.00	46.36 2.30 0.00	40.04 2.11 0.00
BAYONEEC___CTG6 323687	50.00 1.24 -0.12	42.54 1.25 0.00	42.79 1.11 0.00	46.40 1.03 0.00	44.57 1.11 0.00	42.21 1.08 0.00	43.54 1.08 0.00	37.90 1.28 0.00	37.60 1.55 0.00	39.00 1.68 -0.74	41.88 1.78 -0.67	48.63 2.08 -0.89	54.19 2.48 -0.72	62.11 3.34 0.00	57.14 3.04 0.00	66.45 3.71 0.00	62.00 3.59 0.00	51.17 3.24 0.00	42.54 2.47 -2.10	44.22 2.40 -2.71	46.29 2.23 -0.98	47.31 2.25 0.00	46.36 2.30 0.00	40.04 2.11 0.00
BAYONEEC___CTG7 323688	50.00 1.24 -0.12	42.54 1.25 0.00	42.79 1.11 0.00	46.40 1.03 0.00	44.57 1.11 0.00	42.21 1.08 0.00	43.54 1.08 0.00	37.90 1.28 0.00	37.60 1.55 0.00	39.00 1.68 -0.74	41.88 1.78 -0.67	48.63 2.08 -0.89	54.19 2.48 -0.72	62.11 3.34 0.00	57.14 3.04 0.00	66.45 3.71 0.00	62.00 3.59 0.00	51.17 3.24 0.00	42.54 2.47 -2.10	44.22 2.40 -2.71	46.29 2.23 -0.98	47.31 2.25 0.00	46.36 2.30 0.00	40.04 2.11 0.00

BAYONEEC___CTG8 323689	50.00 1.24 -0.12	42.54 1.25 0.00	42.79 1.11 0.00	46.40 1.03 0.00	44.57 1.11 0.00	42.21 1.08 0.00	43.54 1.08 0.00	37.90 1.28 0.00	37.60 1.55 0.00	39.00 1.68 -0.74	41.88 1.78 -0.67	48.63 2.08 -0.89	54.19 2.48 -0.72	62.11 3.34 0.00	57.14 3.04 0.00	66.45 3.71 0.00	62.00 3.59 0.00	51.17 3.24 0.00	42.54 2.47 -2.10	44.22 2.40 -2.71	46.29 2.23 -0.98	47.31 2.25 0.00	46.36 2.30 0.00	40.04 2.11 0.00
BAYONEEC___CTG9 323749	50.00 1.24 -0.12	42.54 1.25 0.00	42.79 1.11 0.00	46.40 1.03 0.00	44.57 1.11 0.00	42.21 1.08 0.00	43.54 1.08 0.00	37.90 1.28 0.00	37.60 1.55 0.00	39.00 1.68 -0.74	41.88 1.78 -0.67	48.63 2.08 -0.89	54.19 2.48 -0.72	62.11 3.34 0.00	57.14 3.04 0.00	66.45 3.71 0.00	62.00 3.59 0.00	51.17 3.24 0.00	42.54 2.47 -2.10	44.22 2.40 -2.71	46.29 2.23 -0.98	47.31 2.25 0.00	46.36 2.30 0.00	40.04 2.11 0.00
BEACON___LESR 323632	48.60 0.05 0.09	41.59 0.30 0.00	42.11 0.44 0.00	45.91 0.54 0.00	43.87 0.41 0.00	41.51 0.37 0.00	42.88 0.42 0.00	37.16 0.54 0.00	36.70 0.65 0.00	37.03 0.44 0.00	39.16 0.24 0.52	45.03 0.06 0.69	50.63 0.19 0.56	59.37 0.61 0.00	54.90 0.79 0.00	63.69 0.96 0.00	59.11 0.71 0.00	48.93 0.99 0.00	39.02 0.66 -0.39	40.23 0.61 -0.50	43.77 0.50 -0.18	45.44 0.38 0.00	44.25 0.19 0.00	38.10 0.17 0.00
BEAVER RIVER___HYD 24048	50.82 2.05 -0.13	42.74 1.45 -0.01	42.95 1.17 -0.10	46.99 1.39 -0.23	44.53 1.07 0.00	41.73 0.60 0.00	43.33 0.87 0.00	37.64 1.02 0.00	37.36 1.31 0.00	38.10 1.52 0.00	40.93 1.50 0.00	47.69 2.03 0.00	53.07 2.07 -0.01	60.16 1.35 -0.05	54.78 0.68 0.00	64.00 1.26 -0.01	60.44 2.03 0.00	49.14 1.20 0.00	38.68 0.71 0.00	40.24 1.12 0.00	44.89 1.80 0.00	47.17 2.11 0.00	46.06 1.99 0.00	39.48 1.53 -0.02
BEEBEE_GT_13 23619	49.65 1.01 0.00	41.73 0.44 0.00	42.06 0.38 0.00	45.20 -0.17 0.00	43.02 -0.44 0.00	40.79 -0.34 0.00	42.04 -0.42 0.00	35.80 -0.81 0.00	35.48 -0.57 0.00	36.25 -0.33 0.00	39.37 -0.07 0.00	45.53 -0.13 0.00	50.43 -0.56 0.00	58.00 -0.77 0.00	53.23 -0.87 0.00	61.40 -1.34 0.00	56.86 -1.55 0.00	46.34 -1.60 0.00	35.21 -1.44 1.32	37.71 -1.40 0.00	41.49 -1.60 0.00	43.69 -1.37 0.00	42.90 -1.17 0.00	37.14 -0.80 0.00
BENSHRST_27_KV_BENSHRST_1 355998	50.19 1.43 -0.12	42.83 1.54 0.00	43.00 1.32 0.00	46.62 1.24 0.00	44.82 1.36 0.00	42.40 1.27 0.00	43.74 1.29 0.00	38.10 1.48 0.00	37.81 1.76 0.00	39.32 1.99 -0.74	42.29 2.19 -0.67	49.01 2.46 -0.89	54.40 2.70 -0.72	62.49 3.71 0.00	57.57 3.47 0.00	66.95 4.21 0.00	62.46 4.06 0.00	51.63 3.70 0.00	43.01 2.94 -2.10	44.60 2.78 -2.70	46.73 2.66 -0.97	47.81 2.75 0.00	46.93 2.86 0.00	40.50 2.57 0.00
BETHLEHEM___GRP 23843	47.86 -0.70 0.08	40.92 -0.37 0.00	41.45 -0.23 0.00	45.11 -0.26 0.00	43.20 -0.26 0.00	40.90 -0.24 0.00	42.24 -0.21 0.00	36.63 0.01 0.00	36.10 0.04 0.00	36.45 -0.14 0.00	38.49 -0.46 0.48	44.34 -0.67 0.65	49.84 -0.62 0.52	58.36 -0.40 0.00	53.95 -0.16 0.00	62.50 -0.23 0.00	58.08 -0.32 0.00	48.02 0.08 0.00	38.41 0.06 -0.38	39.51 -0.10 -0.50	43.01 -0.26 -0.18	44.69 -0.37 0.00	43.61 -0.46 0.00	37.57 -0.36 0.00
BETHLEHEM___GS1 323560	47.86 -0.70 0.08	40.92 -0.37 0.00	41.45 -0.23 0.00	45.11 -0.26 0.00	43.20 -0.25 0.00	40.90 -0.24 0.00	42.24 -0.21 0.00	36.63 0.01 0.00	36.10 0.04 0.00	36.45 -0.14 0.00	38.49 -0.47 0.48	44.34 -0.67 0.65	49.84 -0.62 0.52	58.36 -0.40 0.00	53.95 -0.16 0.00	62.50 -0.23 0.00	58.09 -0.32 0.00	48.02 0.08 0.00	38.41 0.06 -0.38	39.51 -0.10 -0.50	43.01 -0.26 -0.18	44.69 -0.37 0.00	43.61 -0.46 0.00	37.57 -0.36 0.00
BETHLEHEM___GS2 323561	47.86 -0.70 0.08	40.92 -0.37 0.00	41.45 -0.23 0.00	45.11 -0.26 0.00	43.20 -0.25 0.00	40.90 -0.24 0.00	42.24 -0.21 0.00	36.63 0.01 0.00	36.10 0.04 0.00	36.45 -0.14 0.00	38.49 -0.47 0.48	44.34 -0.67 0.65	49.84 -0.62 0.52	58.36 -0.40 0.00	53.95 -0.16 0.00	62.50 -0.23 0.00	58.09 -0.32 0.00	48.02 0.08 0.00	38.41 0.06 -0.38	39.51 -0.10 -0.50	43.01 -0.26 -0.18	44.69 -0.37 0.00	43.61 -0.46 0.00	37.57 -0.36 0.00
BETHLEHEM___GS3 323562	47.86 -0.70 0.08	40.92 -0.37 0.00	41.45 -0.23 0.00	45.11 -0.26 0.00	43.20 -0.25 0.00	40.90 -0.24 0.00	42.24 -0.21 0.00	36.63 0.01 0.00	36.10 0.04 0.00	36.45 -0.14 0.00	38.49 -0.47 0.48	44.34 -0.67 0.65	49.84 -0.62 0.52	58.36 -0.40 0.00	53.95 -0.16 0.00	62.50 -0.23 0.00	58.09 -0.32 0.00	48.02 0.08 0.00	38.41 0.06 -0.38	39.51 -0.10 -0.50	43.01 -0.26 -0.18	44.69 -0.37 0.00	43.61 -0.46 0.00	37.57 -0.36 0.00
BETHLEHEM___STEEL 23779	49.67 1.03 0.00	41.54 0.25 0.00	41.91 0.23 0.00	44.85 -0.52 0.00	42.51 -0.95 0.00	40.40 -0.74 0.00	41.56 -0.89 0.00	35.04 -1.58 0.00	34.78 -1.27 0.00	35.61 -0.98 0.00	38.84 -0.59 0.00	44.81 -0.85 0.00	49.35 -1.64 0.00	56.46 -2.31 0.00	51.54 -2.57 0.00	59.33 -3.40 0.00	54.90 -3.51 0.00	43.77 -3.40 0.77	32.61 -2.92 2.44	36.29 -2.83 0.00	39.94 -3.15 0.00	42.36 -2.71 0.00	41.81 -2.25 0.00	36.40 -1.53 0.00
BETHLHEM_115KV_TB1 79974	48.00 -0.56 0.08	41.03 -0.26 0.00	41.55 -0.13 0.00	45.25 -0.13 0.00	43.34 -0.12 0.00	41.02 -0.11 0.00	42.37 -0.09 0.00	36.72 0.10 0.00	36.17 0.12 0.00	36.55 -0.04 0.00	38.65 -0.33 0.45	44.54 -0.51 0.61	50.03 -0.47 0.49	58.53 -0.24 0.00	54.08 -0.03 0.00	62.67 -0.07 0.00	58.25 -0.15 0.00	48.13 0.19 0.00	38.50 0.14 -0.38	39.62 0.01 -0.49	43.13 -0.14 -0.18	44.82 -0.24 0.00	43.75 -0.32 0.00	37.69 -0.24 0.00
BETHPAGE_CC_5 323564	50.55 1.80 -0.12	43.14 1.85 0.00	43.58 1.90 0.00	47.87 2.02 -0.47	46.06 2.06 -0.53	43.07 1.93 0.00	44.32 1.86 0.00	39.64 2.01 -1.01	42.07 2.12 -3.90	50.16 2.16 -11.42	50.48 2.08 -8.97	49.92 2.42 -1.85	65.32 2.77 -11.56	79.35 3.72 -16.85	86.26 3.47 -28.69	80.10 3.95 -13.42	88.81 3.87 -26.54	99.88 3.34 -48.60	41.92 2.13 -1.81	43.50 1.98 -2.41	45.87 1.81 -0.97	46.96 2.15 0.25	47.19 1.97 -1.15	40.09 2.16 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	49.74 1.10 0.00	41.59 0.30 0.00	41.95 0.27 0.00	44.91 -0.47 0.00	42.57 -0.89 0.00	40.44 -0.69 0.00	41.63 -0.83 0.00	35.12 -1.50 0.00	34.86 -1.20 0.00	35.69 -0.90 0.00	38.94 -0.49 0.00	44.90 -0.76 0.00	49.47 -1.51 0.00	56.64 -2.13 0.00	51.69 -2.42 0.00	59.52 -3.21 0.00	55.08 -3.32 0.00	43.96 -3.25 0.73	32.67 -2.80 2.49	36.40 -2.72 0.00	40.06 -3.03 0.00	42.47 -2.60 0.00	41.91 -2.16 0.00	36.47 -1.46 0.00
BINGHAMTON___COGEN 23790	49.01 0.26 -0.11	41.35 0.06 -0.01	41.81 0.04 -0.09	45.58 0.00 -0.20	43.34 -0.11 0.00	41.11 -0.03 0.00	42.43 -0.03 0.00	36.47 -0.15 0.00	35.84 -0.21 0.00	36.39 -0.19 0.00	39.48 0.04 0.00	45.77 0.11 0.00	51.06 0.06 -0.01	58.84 0.03 -0.04	54.03 -0.08 0.00	62.51 -0.23 -0.01	58.06 -0.34 0.00	47.73 -0.21 0.00	36.59 -0.24 1.14	39.01 -0.11 0.00	42.83 -0.26 0.00	44.84 -0.22 0.00	43.84 -0.23 0.00	37.74 -0.21 -0.02

BIXINCNT_115KV_LOAD 355685	49.66 1.02 0.00	41.53 0.24 0.00	41.74 0.06 0.00	44.92 -0.46 0.00	42.69 -0.77 0.00	40.67 -0.46 0.00	41.91 -0.55 0.00	35.45 -1.17 0.00	35.02 -1.03 0.00	36.05 -0.54 0.00	39.23 -0.21 0.00	45.05 -0.61 0.00	49.69 -1.30 0.00	57.01 -1.76 0.00	52.03 -2.07 0.00	60.03 -2.71 0.00	55.19 -3.21 0.00	44.24 -3.21 0.49	32.55 -2.67 2.75	36.68 -2.44 0.00	40.35 -2.74 0.00	42.72 -2.35 0.00	41.99 -2.08 0.00	36.62 -1.32 0.00
BLACK RIVER___HYD 24047	51.55 2.69 -0.22	43.20 1.89 -0.02	43.45 1.60 -0.17	47.56 1.80 -0.38	44.85 1.39 0.00	41.97 0.84 0.00	43.63 1.17 0.00	38.00 1.38 0.00	37.73 1.68 0.00	38.56 1.98 0.00	41.27 1.84 0.00	48.21 2.56 0.00	53.69 2.69 -0.02	60.75 1.90 -0.08	55.27 1.16 0.00	64.58 1.83 -0.02	61.01 2.61 0.00	49.50 1.56 0.00	38.76 0.79 0.00	40.50 1.38 0.00	45.33 2.24 0.00	47.64 2.58 0.00	46.48 2.41 0.00	39.81 1.85 -0.03
BLACKRVR_115KV_TB2 79977	51.55 2.69 -0.22	43.20 1.89 -0.02	43.45 1.60 -0.17	47.56 1.80 -0.38	44.85 1.39 0.00	41.97 0.84 0.00	43.63 1.18 0.00	38.00 1.38 0.00	37.73 1.68 0.00	38.56 1.97 0.00	41.27 1.84 0.00	48.22 2.56 0.00	53.69 2.68 -0.02	60.75 1.90 -0.08	55.27 1.16 0.00	64.58 1.83 -0.02	61.01 2.61 0.00	49.49 1.56 0.00	38.76 0.79 0.00	40.50 1.38 0.00	45.33 2.24 0.00	47.64 2.58 0.00	46.48 2.41 0.00	39.81 1.85 -0.03
BLDWN_LI_69_KV_BK4 356085	51.07 2.32 -0.12	43.48 2.19 0.00	43.85 2.17 0.00	48.09 2.25 -0.47	46.26 2.26 -0.53	43.25 2.12 0.00	44.53 2.07 0.00	39.78 2.15 -1.01	42.28 2.33 -3.90	50.45 2.45 -11.42	51.84 2.49 -9.92	50.45 2.95 -1.84	66.33 3.39 -11.95	80.65 4.30 -17.58	86.81 4.02 -28.69	80.60 4.44 -13.42	91.27 4.35 -28.52	104.03 3.74 -52.35	42.62 2.56 -2.09	44.26 2.44 -2.70	46.39 2.33 -0.97	48.68 2.75 -0.87	65.31 2.57 -18.68	40.50 2.57 0.00
BLISS_WT_PWR 323608	49.66 1.02 0.00	41.50 0.21 0.00	41.67 0.00 0.00	44.87 -0.51 0.00	42.66 -0.80 0.00	40.66 -0.47 0.00	41.90 -0.55 0.00	35.44 -1.18 0.00	34.98 -1.08 0.00	36.07 -0.52 0.00	39.22 -0.21 0.00	45.00 -0.66 0.00	49.66 -1.33 0.00	56.98 -1.79 0.00	52.01 -2.10 0.00	60.01 -2.73 0.00	55.08 -3.32 0.00	44.10 -3.34 0.49	32.46 -2.75 2.75	36.65 -2.47 0.00	40.30 -2.79 0.00	42.66 -2.41 0.00	41.89 -2.18 0.00	36.56 -1.37 0.00
BLUESTONE___WT_PWR 323821	51.19 2.45 -0.10	43.19 1.89 -0.01	43.63 1.88 -0.08	47.51 1.96 -0.17	45.25 1.79 0.00	42.91 1.77 0.00	44.25 1.80 0.00	37.94 1.32 0.00	37.27 1.22 0.00	37.84 1.25 0.00	41.03 1.60 0.00	47.60 1.94 0.00	53.35 2.35 -0.01	61.66 2.86 -0.04	56.59 2.48 0.00	65.27 2.53 -0.01	60.79 2.39 0.00	49.98 2.04 0.00	40.78 1.53 -1.27	39.72 0.61 0.00	44.52 1.43 0.00	46.52 1.46 0.00	45.50 1.43 0.00	38.48 0.54 -0.01
BLUE_CIRC_CHEM_DRP 24182	47.98 -0.61 0.05	41.48 0.19 0.00	42.07 0.39 0.00	45.90 0.53 0.00	43.95 0.49 0.00	41.60 0.47 0.00	42.97 0.52 0.00	37.13 0.50 0.00	36.47 0.41 0.00	36.76 0.17 0.00	38.95 -0.16 0.32	44.79 -0.44 0.42	49.69 -0.95 0.34	57.66 -1.11 0.00	53.42 -0.69 0.00	61.93 -0.80 0.00	57.57 -0.82 0.00	47.57 -0.37 0.00	25.70 -0.26 12.01	36.12 -0.37 2.62	42.75 -0.49 -0.15	44.49 -0.58 0.00	43.43 -0.64 0.00	37.61 -0.32 0.00
BOC_GAS_DRP 24189	48.33 -0.26 0.05	41.28 -0.01 0.00	41.81 0.13 0.00	45.57 0.19 0.00	43.65 0.19 0.00	41.32 0.18 0.00	42.67 0.22 0.00	36.92 0.30 0.00	36.33 0.28 0.00	36.77 0.18 0.00	39.12 0.00 0.30	45.15 -0.11 0.41	50.57 -0.08 0.33	58.89 0.12 0.00	54.36 0.25 0.00	62.96 0.23 0.00	58.55 0.14 0.00	48.32 0.38 0.00	39.44 0.32 -1.15	40.00 0.22 -0.66	43.39 0.14 -0.17	45.13 0.07 0.00	44.09 0.03 0.00	37.99 0.06 0.00
BOONVILLE_115KV_TB1 79983	50.30 1.60 -0.06	42.49 1.20 -0.01	42.77 1.05 -0.05	46.64 1.15 -0.11	44.40 0.94 0.00	41.84 0.70 0.00	43.30 0.85 0.00	37.48 0.85 0.00	37.03 0.97 0.00	37.64 1.05 0.00	40.55 1.12 0.00	47.15 1.49 0.00	52.69 1.69 -0.01	60.19 1.40 -0.02	55.26 1.16 0.00	64.28 1.54 0.00	60.32 1.92 0.00	49.39 1.45 0.00	39.00 1.03 0.00	40.29 1.17 0.00	44.57 1.48 0.00	46.64 1.57 0.00	45.52 1.46 0.00	39.09 1.15 -0.01
BORALEX_4TH_BRANCH 23824	49.67 1.26 0.23	42.67 1.38 0.00	43.39 1.71 0.00	47.17 1.79 0.00	45.05 1.59 0.00	42.67 1.54 0.00	44.12 1.67 0.00	38.09 1.47 0.00	37.61 1.56 0.00	37.98 1.26 -0.13	39.00 0.89 1.33	44.50 0.60 1.77	50.41 0.84 1.42	60.24 1.48 0.00	55.86 1.75 0.00	64.72 1.98 0.00	60.15 1.75 0.00	50.06 2.12 0.00	40.21 1.75 -0.49	41.33 1.58 -0.63	44.88 1.57 -0.23	46.55 1.49 0.00	45.40 1.34 0.00	39.00 1.06 0.00
BOWLINE___1 23526	49.44 0.69 -0.11	42.04 0.75 0.00	42.30 0.62 0.00	45.96 0.59 0.00	44.25 0.79 0.00	41.90 0.76 0.00	43.21 0.76 0.00	37.55 0.92 0.00	37.10 1.05 0.00	36.40 1.10 1.29	41.17 1.11 -0.63	47.84 1.35 -0.84	53.41 1.74 -0.67	61.22 2.45 0.00	56.36 2.25 0.00	65.47 2.74 0.00	61.04 2.64 0.00	50.37 2.43 0.00	36.66 1.85 3.16	36.77 1.72 4.08	43.18 1.56 1.47	46.61 1.54 0.00	45.63 1.56 0.00	39.34 1.40 0.00
BOWLINE___2 23595	49.51 0.76 -0.11	42.08 0.80 0.00	42.36 0.69 0.00	46.02 0.65 0.00	44.25 0.79 0.00	41.90 0.76 0.00	43.21 0.76 0.00	37.55 0.93 0.00	37.13 1.07 0.00	36.44 1.14 1.29	41.22 1.16 -0.63	47.89 1.40 -0.84	53.48 1.82 -0.67	61.29 2.52 0.00	56.42 2.31 0.00	65.54 2.81 0.00	61.12 2.72 0.00	50.43 2.49 0.00	36.70 1.89 3.16	36.81 1.77 4.08	43.23 1.61 1.47	46.67 1.61 0.00	45.68 1.62 0.00	39.38 1.45 0.00
BRADY___115KV_TB2 356060	50.36 1.72 0.00	42.56 1.28 0.00	42.86 1.18 0.00	46.85 1.47 0.00	44.99 1.53 0.00	42.55 1.42 0.00	43.91 1.45 0.00	37.71 1.10 0.00	37.00 0.94 0.00	37.70 1.11 0.00	40.86 1.43 0.00	47.43 1.77 0.00	52.77 1.78 0.00	60.26 1.50 0.00	55.22 1.11 0.00	64.29 1.55 0.00	59.85 1.45 0.00	48.28 0.34 0.00	38.47 0.50 0.00	40.14 1.02 0.00	44.70 1.61 0.00	46.83 1.77 0.00	45.77 1.71 0.00	39.17 1.24 0.00
BRANSCOMB___SOLAR 323811	50.42 1.90 0.11	43.00 1.72 0.00	43.51 1.83 0.00	47.33 1.95 0.00	45.22 1.76 0.00	42.83 1.69 0.00	44.25 1.79 0.00	38.14 1.52 0.00	37.52 1.47 0.00	37.77 1.18 0.00	39.67 0.90 0.67	45.73 0.96 0.89	51.61 1.34 0.71	60.76 1.99 0.00	56.41 2.31 0.00	65.55 2.82 0.00	60.94 2.54 0.00	50.43 2.50 0.00	40.40 2.04 -0.38	41.53 1.92 -0.49	45.28 2.01 -0.18	46.93 1.87 0.00	45.75 1.68 0.00	39.23 1.29 0.00
BRDGHMPT_69_KV_BK1 55812	51.83 3.07 -0.12	44.15 2.87 0.00	44.53 2.85 0.00	48.83 2.98 -0.47	46.95 2.95 -0.53	43.92 2.79 0.00	45.14 2.68 0.00	40.45 2.81 -1.01	43.03 3.07 -3.90	51.07 3.07 -11.42	50.84 2.75 -8.66	50.39 2.88 -1.84	65.08 3.28 -10.82	78.63 4.42 -15.44	86.89 4.09 -28.69	80.90 4.75 -13.42	86.83 4.59 -23.83	99.35 3.91 -47.49	41.62 2.38 -1.27	43.12 2.15 -1.86	46.04 1.98 -0.97	47.16 2.69 0.60	42.02 2.44 4.49	40.73 2.80 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	50.81 2.06 -0.12	43.34 2.05 0.00	43.77 2.09 0.00	48.10 2.25 -0.47	46.29 2.29 -0.53	43.26 2.13 0.00	44.45 1.99 0.00	39.83 2.20 -1.01	42.32 2.36 -3.90	50.40 2.40 -11.42	50.41 2.28 -8.69	50.04 2.54 -1.84	64.32 2.82 -10.51	77.37 3.73 -14.86	86.03 3.24 -28.69	79.71 3.55 -13.42	84.73 3.49 -22.84	98.74 3.20 -47.60	41.21 2.18 -1.06	42.76 2.01 -1.63	45.82 1.76 -0.97	46.77 2.28 0.57	42.26 2.11 3.92	40.31 2.38 0.00
BRISTLHL_115KV_TB1 79998	48.52 -0.63 -0.51	40.69 -0.64 -0.04	41.38 -0.70 -0.40	45.38 -0.90 -0.90	42.55 -0.91 0.00	40.30 -0.84 0.00	41.59 -0.87 0.00	35.80 -0.82 0.00	35.26 -0.80 0.00	35.82 -0.76 0.00	38.71 -0.72 0.00	44.92 -0.74 0.00	50.14 -0.89 -0.05	57.82 -1.14 -0.19	53.05 -1.05 0.00	61.50 -1.28 -0.04	57.18 -1.22 0.00	46.97 -0.97 0.00	37.08 -0.89 0.00	38.23 -0.89 0.00	42.06 -1.03 0.00	44.00 -1.06 0.00	43.05 -1.02 0.00	37.15 -0.85 -0.07
BROOKHAVEN___DRP 24191	50.28 1.52 -0.12	42.93 1.64 0.00	43.36 1.68 0.00	47.61 1.76 -0.47	45.81 1.82 -0.53	42.81 1.68 0.00	44.02 1.56 0.00	39.47 1.84 -1.01	41.99 2.03 -3.90	50.04 2.04 -11.42	49.91 1.82 -8.66	49.52 2.02 -1.84	64.13 2.30 -10.84	77.46 3.22 -15.47	85.81 3.02 -28.69	79.59 3.44 -13.42	85.70 3.40 -23.90	98.43 3.00 -47.49	41.10 1.84 -1.29	42.62 1.63 -1.87	45.43 1.37 -0.97	46.27 1.81 0.60	41.18 1.61 4.50	39.93 2.00 0.00
BROOKLYN_NAVY_YARD 23515	49.97 1.21 -0.12	42.52 1.23 0.00	42.75 1.07 0.00	46.37 0.99 0.00	44.54 1.08 0.00	42.19 1.06 0.00	43.50 1.05 0.00	37.88 1.26 0.00	37.59 1.54 0.00	38.99 1.67 -0.74	41.84 1.75 -0.67	48.59 2.04 -0.89	54.16 2.46 -0.72	62.08 3.31 0.00	57.13 3.03 0.00	66.44 3.71 0.00	61.98 3.58 0.00	51.16 3.22 0.00	42.51 2.44 -2.10	44.20 2.37 -2.71	46.26 2.19 -0.98	47.28 2.22 0.00	46.36 2.29 0.00	40.03 2.10 0.00
BROOKLYN___ARMY_DRP 323595	49.83 1.08 -0.12	42.54 1.25 0.00	42.71 1.04 0.00	46.31 0.93 0.00	44.54 1.08 0.00	42.14 1.01 0.00	43.48 1.02 0.00	37.88 1.26 0.00	37.57 1.52 0.00	39.06 1.74 -0.74	41.98 1.88 -0.67	48.63 2.08 -0.89	53.94 2.24 -0.72	61.96 3.19 0.00	57.08 2.97 0.00	66.37 3.63 0.00	61.91 3.51 0.00	51.19 3.25 0.00	42.67 2.60 -2.10	44.27 2.45 -2.70	46.35 2.29 -0.97	47.43 2.36 0.00	46.55 2.48 0.00	40.19 2.26 0.00
BROOME_2_LFGE 323671	49.01 0.26 -0.11	41.35 0.06 -0.01	41.81 0.04 -0.09	45.58 0.00 -0.20	43.34 -0.12 0.00	41.11 -0.03 0.00	42.43 -0.03 0.00	36.47 -0.15 0.00	35.84 -0.21 0.00	36.40 -0.19 0.00	39.48 0.04 0.00	45.77 0.11 0.00	51.06 0.06 -0.01	58.83 0.02 -0.04	54.03 -0.08 0.00	62.52 -0.23 -0.01	58.06 -0.34 0.00	47.73 -0.21 0.00	36.59 -0.24 1.14	39.01 -0.11 0.00	42.83 -0.26 0.00	44.85 -0.22 0.00	43.84 -0.23 0.00	37.74 -0.21 -0.02
BROOME___LFGE 323600	49.01 0.26 -0.11	41.35 0.06 -0.01	41.81 0.04 -0.09	45.58 0.00 -0.20	43.34 -0.12 0.00	41.11 -0.03 0.00	42.43 -0.03 0.00	36.47 -0.15 0.00	35.84 -0.21 0.00	36.40 -0.19 0.00	39.48 0.04 0.00	45.77 0.11 0.00	51.06 0.06 -0.01	58.83 0.02 -0.04	54.03 -0.08 0.00	62.52 -0.23 -0.01	58.06 -0.34 0.00	47.73 -0.21 0.00	36.59 -0.24 1.14	39.01 -0.11 0.00	42.83 -0.26 0.00	44.85 -0.22 0.00	43.84 -0.23 0.00	37.74 -0.21 -0.02
BROWNFLS_115KV_TB_3_5 80003	50.37 1.64 -0.09	42.45 1.15 -0.01	42.68 0.93 -0.07	46.72 1.19 -0.15	44.50 1.04 0.00	41.85 0.72 0.00	43.35 0.89 0.00	37.51 0.88 0.00	37.09 1.04 0.00	37.81 1.23 0.00	40.73 1.29 0.00	47.36 1.70 0.00	52.72 1.73 -0.01	59.95 1.15 -0.03	54.73 0.63 0.00	63.86 1.12 -0.01	60.00 1.59 0.00	48.64 0.70 0.00	38.48 0.51 0.00	40.06 0.95 0.00	44.62 1.53 0.00	46.83 1.76 0.00	45.74 1.67 0.00	39.16 1.22 -0.01
BROWNSV1_27_KV_LOAD 356125	50.61 1.85 -0.12	43.04 1.75 0.00	43.28 1.61 0.00	46.92 1.55 0.00	45.06 1.60 0.00	42.68 1.54 0.00	44.01 1.56 0.00	38.31 1.69 0.00	38.01 1.96 0.00	39.45 2.12 -0.74	42.39 2.29 -0.67	49.26 2.71 -0.89	54.92 3.22 -0.72	62.99 4.22 0.00	57.96 3.85 0.00	67.40 4.66 0.00	62.87 4.47 0.00	51.86 3.93 0.00	43.07 3.00 -2.10	44.77 2.94 -2.71	46.89 2.82 -0.98	47.95 2.88 0.00	46.97 2.90 0.00	40.53 2.60 0.00
BURROWS___LYONSDAL 23803	50.39 1.67 -0.08	42.52 1.23 -0.01	42.77 1.03 -0.06	46.69 1.18 -0.13	44.38 0.92 0.00	41.73 0.60 0.00	43.25 0.79 0.00	37.48 0.85 0.00	37.10 1.05 0.00	37.75 1.16 0.00	40.64 1.21 0.00	47.28 1.62 0.00	52.74 1.75 -0.01	60.11 1.31 -0.03	55.06 0.95 0.00	64.11 1.37 0.00	60.32 1.92 0.00	49.32 1.38 0.00	38.91 0.94 0.00	40.25 1.13 0.00	44.63 1.54 0.00	46.75 1.69 0.00	45.65 1.59 0.00	39.18 1.24 -0.01
CAITHNESS_CC_1 323624	50.23 1.47 -0.12	42.90 1.61 0.00	43.32 1.64 0.00	47.58 1.73 -0.47	45.79 1.80 -0.53	42.80 1.66 0.00	43.99 1.53 0.00	39.44 1.80 -1.01	41.95 2.00 -3.90	50.01 2.00 -11.42	49.87 1.78 -8.66	49.48 1.98 -1.85	64.09 2.24 -10.86	77.44 3.15 -15.52	85.72 2.93 -28.69	79.48 3.32 -13.42	85.66 3.30 -23.97	98.34 2.91 -47.49	41.06 1.78 -1.31	42.57 1.57 -1.88	45.36 1.30 -0.97	46.18 1.73 0.61	41.06 1.51 4.51	39.89 1.95 0.00
CALPINE BETH_PAGE_GT4 24209	50.62 1.86 -0.12	43.17 1.88 0.00	43.66 1.98 0.00	47.96 2.10 -0.47	46.13 2.13 -0.53	43.13 1.99 0.00	44.40 1.94 0.00	39.69 2.07 -1.01	42.10 2.15 -3.90	50.21 2.20 -11.42	50.68 2.15 -9.10	50.01 2.50 -1.84	65.82 2.88 -11.95	80.19 3.84 -17.58	86.37 3.58 -28.69	80.23 4.07 -13.42	90.31 3.98 -27.92	100.45 3.43 -49.07	42.28 2.22 -2.09	43.90 2.08 -2.70	45.98 1.92 -0.97	47.21 2.25 0.10	49.77 2.09 -3.61	40.15 2.21 0.00
CALPINE_BETH_PAGE_GT_4 323586	50.62 1.86 -0.12	43.17 1.88 0.00	43.66 1.98 0.00	47.96 2.11 -0.47	46.13 2.13 -0.53	43.13 1.99 0.00	44.40 1.94 0.00	39.69 2.07 -1.01	42.10 2.15 -3.90	50.21 2.20 -11.42	50.68 2.15 -9.10	50.00 2.49 -1.85	65.81 2.87 -11.95	80.19 3.84 -17.58	86.37 3.58 -28.69	80.22 4.07 -13.42	90.31 3.98 -27.92	100.44 3.43 -49.07	42.28 2.21 -2.09	43.89 2.08 -2.70	45.97 1.91 -0.97	47.20 2.24 0.10	49.74 2.06 -3.61	40.14 2.21 0.00
CALPINE_BP_GT1 23823	50.62 1.86 -0.12	43.17 1.88 0.00	43.66 1.98 0.00	47.96 2.11 -0.47	46.13 2.13 -0.53	43.13 1.99 0.00	44.40 1.94 0.00	39.69 2.07 -1.01	42.10 2.15 -3.90	50.21 2.20 -11.42	50.68 2.15 -9.10	50.00 2.49 -1.85	65.81 2.87 -11.95	80.19 3.84 -17.58	86.37 3.58 -28.69	80.22 4.07 -13.42	90.31 3.98 -27.92	100.44 3.43 -49.07	42.28 2.21 -2.09	43.89 2.08 -2.70	45.97 1.91 -0.97	47.20 2.24 0.10	49.74 2.06 -3.61	40.14 2.21 0.00
CALSPAN___DRP 24200	49.67 1.03 0.00	41.54 0.25 0.00	41.91 0.23 0.00	44.85 -0.52 0.00	42.51 -0.95 0.00	40.40 -0.74 0.00	41.56 -0.89 0.00	35.04 -1.58 0.00	34.78 -1.27 0.00	35.61 -0.98 0.00	38.84 -0.59 0.00	44.81 -0.85 0.00	49.35 -1.64 0.00	56.46 -2.31 0.00	51.54 -2.57 0.00	59.33 -3.40 0.00	54.90 -3.51 0.00	43.77 -3.40 0.77	32.61 -2.92 2.44	36.29 -2.83 0.00	39.94 -3.15 0.00	42.36 -2.71 0.00	41.81 -2.25 0.00	36.40 -1.53 0.00

CALVERTON___SOLAR 323806	50.43 1.67 -0.12	43.04 1.76 0.00	43.45 1.77 0.00	47.71 1.86 -0.47	45.91 1.92 -0.53	42.91 1.77 0.00	44.12 1.66 0.00	39.55 1.92 -1.01	42.08 2.12 -3.90	50.13 2.13 -11.42	50.00 1.91 -8.66	49.60 2.09 -1.85	64.22 2.40 -10.83	77.61 3.38 -15.46	85.95 3.15 -28.69	79.78 3.63 -13.42	85.86 3.58 -23.87	98.58 3.15 -47.49	41.19 1.94 -1.29	42.70 1.71 -1.86	45.53 1.47 -0.97	46.39 1.92 0.60	41.25 1.68 4.50	40.03 2.10 0.00
CANDIGU_WT_PWR 323617	49.26 0.55 -0.06	41.35 0.05 -0.01	41.73 0.00 -0.05	45.05 -0.44 -0.11	42.78 -0.68 0.00	40.69 -0.44 0.00	42.03 -0.43 0.00	35.63 -0.99 0.00	35.11 -0.94 0.00	35.74 -0.84 0.00	39.08 -0.36 0.00	44.87 -0.79 0.00	49.69 -1.31 -0.01	56.82 -1.97 -0.02	52.10 -2.01 0.00	60.37 -2.37 0.00	55.74 -2.66 0.00	41.07 -2.52 4.35	31.63 -2.04 4.30	37.52 -1.60 0.00	41.24 -1.85 0.00	43.34 -1.72 0.00	42.32 -1.75 0.00	36.54 -1.40 -0.01
CARR STREET_E_SYR 24060	48.49 -0.30 -0.15	40.92 -0.37 -0.01	41.37 -0.43 -0.12	45.04 -0.60 -0.27	42.81 -0.65 0.00	40.54 -0.59 0.00	41.84 -0.61 0.00	36.01 -0.61 0.00	35.44 -0.61 0.00	36.02 -0.57 0.00	38.98 -0.45 0.00	45.27 -0.39 0.00	50.46 -0.54 -0.02	58.02 -0.80 -0.06	53.36 -0.74 0.00	61.83 -0.92 -0.01	57.51 -0.89 0.00	47.23 -0.71 0.00	37.30 -0.68 0.00	38.42 -0.70 0.00	42.24 -0.85 0.00	44.19 -0.88 0.00	43.21 -0.86 0.00	37.31 -0.64 -0.02
CARTHAGE___PAPER 23857	51.44 2.61 -0.18	43.18 1.87 -0.02	43.41 1.58 -0.14	47.53 1.83 -0.32	44.93 1.47 0.00	42.08 0.95 0.00	43.71 1.26 0.00	38.01 1.39 0.00	37.71 1.66 0.00	38.48 1.89 0.00	41.27 1.84 0.00	48.11 2.45 0.00	53.58 2.58 -0.02	60.73 1.89 -0.07	55.29 1.19 0.00	64.62 1.87 -0.01	61.04 2.64 0.00	49.55 1.61 0.00	38.92 0.94 0.00	40.59 1.47 0.00	45.37 2.28 0.00	47.68 2.61 0.00	46.52 2.46 0.00	39.85 1.89 -0.03
CASSADAGA_WT_PWR 323784	50.04 1.40 0.00	41.72 0.44 0.00	42.20 0.53 0.00	45.51 0.14 0.00	43.07 -0.38 0.00	40.91 -0.22 0.00	41.79 -0.67 0.00	34.52 -2.10 0.00	34.90 -1.15 0.00	36.54 -0.05 0.00	39.85 0.41 0.00	45.87 0.20 0.00	50.62 -0.37 0.00	57.91 -0.86 0.00	52.88 -1.22 0.00	60.97 -1.76 0.00	56.22 -2.19 0.00	45.25 -2.12 0.56	32.92 -2.33 2.72	37.31 -1.81 0.00	41.04 -2.05 0.00	43.34 -1.72 0.00	42.90 -1.17 0.00	37.16 -0.77 0.00
CE_DUNWOOD___DRP 24194	49.89 1.13 -0.12	42.43 1.15 0.00	42.73 1.05 0.00	46.38 1.01 0.00	44.55 1.09 0.00	42.18 1.04 0.00	43.50 1.05 0.00	37.81 1.19 0.00	37.43 1.38 0.00	38.86 1.48 -0.79	41.64 1.54 -0.67	48.37 1.82 -0.89	53.95 2.25 -0.71	61.85 3.08 0.00	56.95 2.85 0.00	66.16 3.42 0.00	61.71 3.30 0.00	50.93 2.99 0.00	42.39 2.24 -2.17	44.07 2.15 -2.80	46.11 2.01 -1.01	47.09 2.02 0.00	46.08 2.01 0.00	39.76 1.83 0.00
CE_MILLWOOD___DRP 24193	49.78 1.02 -0.11	42.32 1.04 0.00	42.62 0.94 0.00	46.28 0.90 0.00	44.46 1.00 0.00	42.09 0.96 0.00	43.41 0.96 0.00	37.73 1.11 0.00	37.34 1.29 0.00	38.78 1.37 -0.83	41.50 1.41 -0.66	48.22 1.68 -0.88	53.80 2.10 -0.71	61.66 2.89 0.00	56.79 2.69 0.00	65.96 3.23 0.00	61.52 3.12 0.00	50.78 2.84 0.00	42.33 2.14 -2.22	44.02 2.04 -2.86	46.01 1.89 -1.03	46.96 1.90 0.00	45.95 1.89 0.00	39.63 1.70 0.00
CE_NYC2_DRP 24202	49.85 1.09 -0.12	42.48 1.19 0.00	42.67 0.99 0.00	46.28 0.90 0.00	44.50 1.05 0.00	42.12 0.99 0.00	43.45 1.00 0.00	37.87 1.25 0.00	37.56 1.51 0.00	39.05 1.73 -0.74	41.95 1.85 -0.67	48.63 2.08 -0.89	54.00 2.30 -0.72	61.93 3.17 0.00	57.05 2.95 0.00	66.29 3.56 0.00	61.85 3.45 0.00	51.11 3.17 0.00	42.52 2.45 -2.10	44.13 2.31 -2.70	46.21 2.15 -0.97	47.26 2.19 0.00	46.40 2.34 0.00	40.09 2.16 0.00
CE_NYC_DRP 24195	50.10 1.34 -0.12	42.61 1.33 0.00	42.87 1.19 0.00	46.50 1.13 0.00	44.66 1.20 0.00	42.29 1.16 0.00	43.62 1.17 0.00	37.98 1.36 0.00	37.67 1.62 0.00	39.08 1.75 -0.74	41.97 1.87 -0.67	48.74 2.18 -0.89	54.32 2.61 -0.72	62.27 3.50 0.00	57.29 3.19 0.00	66.61 3.88 0.00	62.13 3.73 0.00	51.29 3.35 0.00	42.60 2.53 -2.10	44.29 2.47 -2.71	46.37 2.31 -0.98	47.39 2.33 0.00	46.43 2.37 0.00	40.10 2.16 0.00
CHAFFEE___LFGE 323603	49.68 1.05 0.00	41.54 0.25 0.00	41.91 0.23 0.00	44.85 -0.52 0.00	42.51 -0.94 0.00	40.39 -0.74 0.00	41.57 -0.89 0.00	35.09 -1.53 0.00	34.83 -1.22 0.00	35.66 -0.93 0.00	38.91 -0.52 0.00	44.91 -0.75 0.00	49.49 -1.49 0.00	56.65 -2.12 0.00	51.70 -2.41 0.00	59.56 -3.18 0.00	55.12 -3.28 0.00	44.14 -3.17 0.63	32.61 -2.76 2.60	36.49 -2.63 0.00	40.15 -2.94 0.00	42.55 -2.52 0.00	41.97 -2.09 0.00	36.48 -1.45 0.00
CHATEAUG_35_KV_LOAD 355732	48.85 0.21 0.00	41.26 -0.02 0.00	41.50 -0.18 0.00	45.34 -0.04 0.00	43.61 0.15 0.00	41.29 0.16 0.00	42.55 0.10 0.00	36.72 0.10 0.00	36.28 0.23 0.00	36.85 0.26 0.00	39.83 0.40 0.00	46.02 0.35 0.00	51.45 0.46 0.00	58.82 0.05 0.00	53.88 -0.23 0.00	62.85 0.12 0.00	58.70 0.30 0.00	47.93 0.00 0.00	38.07 0.10 0.00	39.46 0.35 0.00	43.80 0.71 0.00	45.79 0.73 0.00	44.72 0.65 0.00	38.49 0.56 0.00
CHATEAUG_WT_PWR 323614	48.78 0.14 0.00	41.22 -0.07 0.00	41.46 -0.22 0.00	45.27 -0.11 0.00	43.54 0.08 0.00	41.23 0.09 0.00	42.49 0.04 0.00	36.69 0.06 0.00	36.27 0.22 0.00	36.84 0.25 0.00	39.82 0.38 0.00	45.91 0.25 0.00	51.35 0.36 0.00	58.78 0.01 0.00	53.86 -0.25 0.00	62.82 0.08 0.00	58.67 0.27 0.00	47.94 0.00 0.00	38.08 0.11 0.00	39.40 0.28 0.00	43.67 0.58 0.00	45.65 0.59 0.00	44.59 0.52 0.00	38.37 0.44 0.00
CHAT_HIGH_FALL_HYD 323578	48.85 0.21 0.00	41.26 -0.02 0.00	41.50 -0.18 0.00	45.34 -0.04 0.00	43.61 0.15 0.00	41.29 0.16 0.00	42.55 0.10 0.00	36.72 0.10 0.00	36.28 0.23 0.00	36.85 0.26 0.00	39.83 0.40 0.00	46.02 0.35 0.00	51.45 0.46 0.00	58.82 0.05 0.00	53.88 -0.23 0.00	62.85 0.12 0.00	58.70 0.30 0.00	47.93 0.00 0.00	38.07 0.10 0.00	39.46 0.35 0.00	43.80 0.71 0.00	45.79 0.73 0.00	44.72 0.65 0.00	38.49 0.56 0.00
CHAUTAUQUA___LFGE 323629	49.74 1.10 0.00	41.54 0.25 0.00	41.97 0.29 0.00	45.19 -0.19 0.00	42.78 -0.68 0.00	40.67 -0.46 0.00	41.71 -0.75 0.00	34.85 -1.77 0.00	34.89 -1.16 0.00	36.04 -0.55 0.00	39.33 -0.10 0.00	45.35 -0.31 0.00	50.09 -0.90 0.00	57.36 -1.41 0.00	52.39 -1.71 0.00	60.32 -2.41 0.00	55.72 -2.69 0.00	44.69 -2.56 0.69	32.88 -2.50 2.59	36.98 -2.13 0.00	40.62 -2.47 0.00	42.95 -2.11 0.00	42.45 -1.62 0.00	36.81 -1.12 0.00
CHERRYST_13_KV_LD 356241	50.25 1.49 -0.12	42.74 1.46 0.00	42.99 1.31 0.00	46.64 1.26 0.00	44.79 1.33 0.00	42.42 1.29 0.00	43.76 1.31 0.00	38.10 1.48 0.00	37.79 1.74 0.00	39.21 1.89 -0.74	42.12 2.02 -0.67	48.91 2.36 -0.89	54.52 2.81 -0.72	62.50 3.73 0.00	57.51 3.41 0.00	66.86 4.13 0.00	62.37 3.97 0.00	51.48 3.54 0.00	42.74 2.67 -2.10	44.44 2.61 -2.71	46.53 2.47 -0.98	47.56 2.50 0.00	46.59 2.53 0.00	40.24 2.31 0.00

CHESTROR_138KV_BK263 355645	49.50 0.76 -0.10	42.06 0.77 0.00	42.36 0.68 0.00	46.02 0.65 0.00	44.20 0.74 0.00	41.84 0.71 0.00	43.16 0.70 0.00	37.45 0.83 0.00	37.01 0.96 0.00	36.77 1.00 0.82	41.00 1.00 -0.57	47.65 1.24 -0.76	53.21 1.61 -0.61	60.90 2.13 0.00	56.05 1.95 0.00	65.07 2.34 0.00	60.67 2.27 0.00	50.03 2.09 0.00	37.26 1.62 2.33	37.66 1.55 3.01	43.42 1.42 1.08	46.50 1.43 0.00	45.47 1.40 0.00	39.15 1.22 0.00
CH_MIDHUDSON___DRP 24192	49.81 1.08 -0.08	42.37 1.08 0.00	42.70 1.02 0.00	46.39 1.02 0.00	44.51 1.05 0.00	42.13 1.00 0.00	43.48 1.03 0.00	37.74 1.12 0.00	37.32 1.27 0.00	37.92 1.33 0.00	41.27 1.36 -0.48	47.96 1.65 -0.64	53.62 2.12 -0.52	61.70 2.93 0.00	56.88 2.78 0.00	66.08 3.35 0.00	61.60 3.20 0.00	50.86 2.92 0.00	40.67 2.22 -0.48	41.87 2.13 -0.61	45.33 2.02 -0.22	47.05 1.99 0.00	45.96 1.89 0.00	39.53 1.60 0.00
CH_MISC_IPPS 23765	50.23 1.50 -0.09	42.70 1.41 0.00	43.00 1.32 0.00	46.70 1.33 0.00	44.80 1.34 0.00	42.42 1.28 0.00	43.77 1.31 0.00	37.99 1.37 0.00	37.58 1.53 0.00	38.20 1.62 0.00	41.67 1.71 -0.53	48.48 2.11 -0.70	54.23 2.67 -0.57	62.33 3.56 0.00	57.39 3.28 0.00	66.69 3.95 0.00	62.18 3.77 0.00	51.29 3.35 0.00	40.50 2.53 0.00	41.58 2.47 0.00	45.46 2.37 0.00	47.42 2.35 0.00	46.33 2.27 0.00	39.84 1.91 0.00
CH_RES_BVR_FALLS 23983	48.52 -0.12 0.00	41.13 -0.15 0.00	41.49 -0.19 0.00	45.28 -0.09 0.00	43.36 -0.10 0.00	40.95 -0.19 0.00	42.29 -0.17 0.00	36.51 -0.11 0.00	36.01 -0.04 0.00	36.62 0.04 0.00	39.50 0.07 0.00	45.72 0.06 0.00	51.00 0.01 0.00	58.48 -0.28 0.00	53.71 -0.40 0.00	62.34 -0.39 0.00	58.14 -0.27 0.00	47.66 -0.27 0.00	37.78 -0.19 0.00	38.96 -0.16 0.00	43.00 -0.09 0.00	45.03 -0.04 0.00	44.07 0.01 0.00	37.92 -0.02 0.00
CH_RES_NIAGARA 23895	48.63 -0.02 0.00	40.71 -0.58 0.00	41.08 -0.60 0.00	43.81 -1.57 0.00	41.51 -1.95 0.00	39.41 -1.72 0.00	40.53 -1.93 0.00	34.13 -2.49 0.00	33.91 -2.14 0.00	34.66 -1.92 0.00	37.80 -1.63 0.00	43.56 -2.10 0.00	47.84 -3.15 -4.11	54.66 -4.27 0.00	49.84 -5.50 0.00	57.24 -5.40 0.00	53.00 -5.00 0.60	42.34 -4.18 2.09	31.71 -4.17 0.00	34.95 -4.56 0.00	38.53 -4.04 0.00	41.02 -3.46 0.00	40.61 -2.43 0.00	35.50 -2.43 0.00
CH_RES_SYRACUSE 23985	48.92 -0.01 -0.28	41.18 -0.13 -0.02	41.71 -0.19 -0.22	45.54 -0.32 -0.49	43.06 -0.40 0.00	40.78 -0.36 0.00	42.09 -0.37 0.00	36.23 -0.39 0.00	35.66 -0.39 0.00	36.21 -0.38 0.00	39.23 -0.21 0.00	45.56 -0.10 0.00	50.80 -0.22 -0.03	58.50 -0.37 -0.10	53.76 -0.34 0.00	62.39 -0.37 -0.02	58.00 -0.41 0.00	47.64 -0.30 0.00	37.62 -0.35 0.00	38.75 -0.37 0.00	42.62 -0.47 0.00	44.57 -0.50 0.00	43.56 -0.50 0.00	37.54 -0.43 -0.04
CLINTON_WT_PWR 323605	48.78 0.14 0.00	41.22 -0.07 0.00	41.46 -0.22 0.00	45.27 -0.11 0.00	43.54 0.08 0.00	41.23 0.09 0.00	42.49 0.04 0.00	36.69 0.06 0.00	36.27 0.22 0.00	36.84 0.25 0.00	39.82 0.38 0.00	45.91 0.25 0.00	51.35 0.36 0.00	58.78 0.01 0.00	53.86 -0.25 0.00	62.82 0.08 0.00	58.67 0.27 0.00	47.94 0.00 0.00	38.08 0.11 0.00	39.40 0.28 0.00	43.67 0.58 0.00	45.65 0.59 0.00	44.59 0.52 0.00	38.37 0.44 0.00
CLINTON___LFGE 323618	49.33 0.69 0.00	41.65 0.36 0.00	41.88 0.20 0.00	45.68 0.30 0.00	43.93 0.48 0.00	41.62 0.48 0.00	42.93 0.47 0.00	37.03 0.40 0.00	36.59 0.54 0.00	37.15 0.56 0.00	40.14 0.70 0.00	46.27 0.61 0.00	51.86 0.87 0.00	59.36 0.59 0.00	54.36 0.26 0.00	63.27 0.54 0.00	59.08 0.68 0.00	48.34 0.40 0.00	38.36 0.39 0.00	39.74 0.62 0.00	44.10 1.01 0.00	46.04 0.97 0.00	44.92 0.85 0.00	38.65 0.71 0.00
COBBLENY_34_KV_TB1 80064	49.69 1.05 0.00	41.54 0.25 0.00	41.91 0.23 0.00	44.84 -0.53 0.00	42.52 -0.94 0.00	40.39 -0.75 0.00	41.58 -0.88 0.00	35.09 -1.53 0.00	34.84 -1.22 0.00	35.66 -0.93 0.00	38.90 -0.54 0.00	44.89 -0.77 0.00	49.47 -1.51 0.00	56.65 -2.12 0.00	51.69 -2.42 0.00	59.55 -3.18 0.00	55.13 -3.27 0.00	44.13 -3.18 0.63	32.62 -2.75 2.60	36.47 -2.65 0.00	40.14 -2.96 0.00	42.53 -2.53 0.00	41.98 -2.09 0.00	36.49 -1.45 0.00
COFFEEN___115KV_TB3 355620	51.98 3.11 -0.22	43.54 2.24 -0.02	43.80 1.94 -0.18	47.92 2.16 -0.39	45.20 1.74 0.00	42.34 1.20 0.00	43.99 1.53 0.00	38.28 1.66 0.00	37.97 1.92 0.00	38.82 2.24 0.00	41.52 2.09 0.00	48.53 2.86 0.00	54.08 3.07 -0.02	61.26 2.41 -0.08	55.73 1.62 0.00	65.13 2.38 -0.02	61.47 3.07 0.00	49.80 1.87 0.00	38.95 0.98 0.00	40.76 1.64 0.00	45.65 2.57 0.00	47.98 2.91 0.00	46.79 2.72 0.00	40.06 2.10 -0.03
COLDSPRG_115KV_BK1 355956	50.17 1.53 0.00	42.01 0.72 0.00	42.40 0.72 0.00	45.72 0.34 0.00	43.36 -0.10 0.00	41.20 0.06 0.00	42.31 -0.14 0.00	35.55 -1.07 0.00	35.59 -0.46 0.00	36.76 0.17 0.00	40.06 0.62 0.00	46.16 0.49 0.00	50.88 -0.11 0.00	58.32 -0.45 0.00	53.27 -0.84 0.00	61.46 -1.27 0.00	56.75 -1.65 0.00	45.90 -1.68 0.35	33.34 -1.72 2.92	37.76 -1.36 0.00	41.53 -1.56 0.00	43.86 -1.20 0.00	43.26 -0.81 0.00	37.48 -0.45 0.00
COLONIE_LFGE___ 323577	49.41 0.90 0.13	42.24 0.95 0.00	42.80 1.12 0.00	46.56 1.19 0.00	44.54 1.08 0.00	42.16 1.03 0.00	43.57 1.12 0.00	37.63 1.01 0.00	37.08 1.03 0.00	37.43 0.84 0.00	39.25 0.61 0.79	45.14 0.52 1.05	50.92 0.77 0.84	60.05 1.28 0.00	55.62 1.51 0.00	64.43 1.70 0.00	59.91 1.50 0.00	49.61 1.67 0.00	39.72 1.34 -0.41	40.85 1.20 -0.53	44.45 1.17 -0.19	46.13 1.06 0.00	45.01 0.94 0.00	38.68 0.75 0.00
COOPERNY_115KV_TB1 80082	49.27 0.57 -0.06	41.83 0.55 0.00	42.16 0.48 0.00	45.85 0.47 0.00	43.99 0.53 0.00	41.64 0.51 0.00	42.95 0.49 0.00	37.22 0.59 0.00	36.71 0.66 0.00	36.91 0.71 0.39	40.55 0.73 -0.39	47.10 0.92 -0.52	52.60 1.19 -0.42	60.31 1.55 0.00	55.49 1.38 0.00	64.37 1.64 0.00	59.95 1.55 0.00	49.37 1.42 0.00	37.80 1.13 1.30	38.55 1.10 1.67	43.47 0.99 0.60	46.07 1.01 0.00	45.05 0.98 0.00	38.79 0.86 0.00
COPENHAGEN_WT_PWR 323753	51.04 2.16 -0.23	42.73 1.42 -0.02	42.98 1.12 -0.18	47.08 1.30 -0.41	44.31 0.85 0.00	41.38 0.25 0.00	43.07 0.61 0.00	37.61 0.99 0.00	37.43 1.38 0.00	38.25 1.67 0.00	40.97 1.54 0.00	47.88 2.22 0.00	53.21 2.20 -0.02	60.01 1.16 -0.09	54.51 0.40 0.00	63.75 1.00 -0.02	60.37 1.97 0.00	49.02 1.09 0.00	38.36 0.38 0.00	40.07 0.95 0.00	44.87 1.78 0.00	47.21 2.14 0.00	46.06 1.99 0.00	39.48 1.52 -0.03
CORNELL_____ 23752	49.91 1.11 -0.15	42.07 0.77 -0.01	42.50 0.70 -0.12	46.28 0.64 -0.27	43.94 0.48 0.00	41.64 0.50 0.00	43.00 0.55 0.00	36.95 0.33 0.00	36.21 0.16 0.00	36.64 0.05 0.00	39.77 0.33 0.00	46.41 0.75 0.00	51.83 0.83 -0.02	59.65 0.82 -0.06	54.41 0.31 0.00	62.89 0.15 -0.01	58.65 0.25 0.00	48.81 0.60 -0.27	49.90 0.53 -11.40	39.77 0.65 0.00	43.69 0.60 0.00	45.62 0.55 0.00	44.54 0.47 0.00	38.26 0.31 -0.02

CORONA__69_KV_TB1 355595	51.09 2.33 -0.12	43.48 2.19 0.00	43.80 2.13 0.00	48.04 2.19 -0.47	46.21 2.21 -0.53	43.22 2.09 0.00	44.52 2.06 0.00	39.75 2.12 -1.01	42.26 2.31 -3.90	50.43 2.43 -11.42	53.03 2.51 -11.09	50.46 2.95 -1.84	66.33 3.39 -11.95	80.80 4.45 -17.58	86.94 4.14 -28.69	80.87 4.71 -13.42	92.44 4.59 -29.45	109.36 3.91 -57.51	42.71 2.65 -2.09	44.36 2.55 -2.70	46.49 2.43 -0.97	50.13 2.71 -2.36	87.12 2.55 -40.51	40.49 2.56 0.00
CORTLAND__115KV_TB3 80093	49.35 0.55 -0.16	41.63 0.33 -0.01	42.09 0.28 -0.13	45.88 0.22 -0.28	43.59 0.13 0.00	41.29 0.16 0.00	42.63 0.17 0.00	36.66 0.04 0.00	36.03 -0.03 0.00	36.50 -0.08 0.00	39.52 0.09 0.00	46.01 0.35 0.00	51.40 0.40 -0.02	59.18 0.35 -0.06	54.26 0.15 0.00	62.79 0.04 -0.01	58.50 0.10 0.00	48.25 0.31 0.00	41.22 0.19 -3.06	39.38 0.27 0.00	43.28 0.19 0.00	45.24 0.17 0.00	44.18 0.11 0.00	38.00 0.05 -0.02
COXSACKIE__GT 23611	50.41 1.80 0.04	43.00 1.71 0.00	43.56 1.89 0.00	47.45 2.08 0.00	45.40 1.94 0.00	42.97 1.84 0.00	44.42 1.96 0.00	38.41 1.79 0.00	37.88 1.83 0.00	38.07 1.48 0.00	40.04 0.83 0.22	45.95 0.58 0.29	51.57 0.82 0.24	59.92 1.16 0.00	56.25 2.14 0.00	65.89 3.15 0.00	61.09 2.69 0.00	50.69 2.75 0.00	24.53 2.06 15.50	37.60 2.09 3.61	45.21 2.02 -0.09	46.91 1.85 0.00	45.50 1.43 0.00	39.01 1.07 0.00
CPV_VALLEY__CC1 323721	49.13 0.41 -0.08	41.76 0.47 0.00	42.07 0.39 0.00	45.73 0.36 0.00	43.91 0.45 0.00	41.57 0.43 0.00	42.89 0.43 0.00	37.21 0.59 0.00	36.77 0.71 0.00	36.80 0.75 0.54	40.66 0.73 -0.51	47.24 0.90 -0.67	52.73 1.20 -0.54	60.38 1.61 0.00	55.55 1.44 0.00	64.46 1.72 0.00	60.08 1.68 0.00	49.54 1.60 0.00	37.39 1.25 1.83	37.94 1.18 2.35	43.26 1.02 0.85	46.09 1.02 0.00	45.08 1.02 0.00	38.84 0.91 0.00
CPV_VALLEY__CC2 323722	49.13 0.41 -0.08	41.76 0.47 0.00	42.07 0.39 0.00	45.73 0.36 0.00	43.91 0.45 0.00	41.57 0.43 0.00	42.89 0.43 0.00	37.21 0.59 0.00	36.77 0.71 0.00	36.80 0.75 0.54	40.66 0.73 -0.51	47.24 0.90 -0.67	52.73 1.20 -0.54	60.38 1.61 0.00	55.55 1.44 0.00	64.46 1.72 0.00	60.08 1.68 0.00	49.54 1.60 0.00	37.39 1.25 1.83	37.94 1.18 2.35	43.26 1.02 0.85	46.09 1.02 0.00	45.08 1.02 0.00	38.84 0.91 0.00
CRESCENT__HYD 24018	49.41 0.90 0.13	42.24 0.95 0.00	42.80 1.12 0.00	46.56 1.19 0.00	44.54 1.08 0.00	42.16 1.03 0.00	43.57 1.12 0.00	37.63 1.01 0.00	37.08 1.03 0.00	37.43 0.84 0.00	39.25 0.61 0.79	45.14 0.52 1.05	50.92 0.77 0.84	60.05 1.28 0.00	55.62 1.51 0.00	64.43 1.70 0.00	59.91 1.50 0.00	49.61 1.67 0.00	39.72 1.34 -0.41	40.85 1.20 -0.53	44.45 1.17 -0.19	46.13 1.06 0.00	45.01 0.94 0.00	38.68 0.75 0.00
CRICKET__VALLEY_CC1 323756	47.44 0.23 1.43	41.74 0.46 0.00	42.13 0.45 0.00	45.75 0.37 0.00	43.87 0.41 0.00	41.52 0.38 0.00	42.89 0.43 0.00	37.18 0.56 0.00	36.80 0.75 0.00	37.60 0.73 -0.28	31.72 0.61 8.33	35.28 0.71 11.09	43.08 1.02 8.93	60.50 1.74 0.00	55.89 1.79 0.00	64.94 2.20 0.00	60.56 2.15 0.00	50.13 2.19 0.00	40.89 1.71 -1.21	42.25 1.57 -1.56	45.02 1.37 -0.56	46.32 1.25 0.00	45.22 1.16 0.00	38.89 0.95 0.00
CRICKET__VALLEY_CC2 323757	47.44 0.23 1.43	41.74 0.46 0.00	42.13 0.45 0.00	45.75 0.37 0.00	43.87 0.41 0.00	41.52 0.38 0.00	42.89 0.43 0.00	37.18 0.56 0.00	36.80 0.75 0.00	37.60 0.73 -0.28	31.72 0.61 8.33	35.28 0.71 11.09	43.08 1.02 8.93	60.50 1.74 0.00	55.89 1.79 0.00	64.94 2.20 0.00	60.56 2.15 0.00	50.13 2.19 0.00	40.89 1.71 -1.21	42.25 1.57 -1.56	45.02 1.37 -0.56	46.32 1.25 0.00	45.22 1.16 0.00	38.89 0.95 0.00
CRICKET__VALLEY_CC3 323758	47.44 0.23 1.43	41.74 0.46 0.00	42.13 0.45 0.00	45.75 0.37 0.00	43.87 0.41 0.00	41.52 0.38 0.00	42.89 0.43 0.00	37.18 0.56 0.00	36.80 0.75 0.00	37.60 0.73 -0.28	31.72 0.61 8.33	35.28 0.71 11.09	43.08 1.02 8.93	60.50 1.74 0.00	55.89 1.79 0.00	64.94 2.20 0.00	60.56 2.15 0.00	50.13 2.19 0.00	40.89 1.71 -1.21	42.25 1.57 -1.56	45.02 1.37 -0.56	46.32 1.25 0.00	45.22 1.16 0.00	38.89 0.95 0.00
CRUCIBLE__METL_DRP 24180	48.92 -0.01 -0.28	41.18 -0.13 -0.02	41.71 -0.19 -0.22	45.55 -0.32 -0.49	43.06 -0.40 0.00	40.78 -0.36 0.00	42.09 -0.37 0.00	36.23 -0.39 0.00	35.66 -0.39 0.00	36.21 -0.38 0.00	39.22 -0.21 0.00	45.56 -0.10 0.00	50.80 -0.22 -0.03	58.50 -0.37 -0.10	53.76 -0.35 0.00	62.39 -0.37 -0.02	57.99 -0.41 0.00	47.64 -0.30 0.00	37.62 -0.35 0.00	38.75 -0.37 0.00	42.62 -0.47 0.00	44.56 -0.50 0.00	43.57 -0.50 0.00	37.54 -0.43 -0.04
DAHOWA__HYDRO 323763	50.74 2.21 0.11	43.27 1.98 0.00	43.75 2.07 0.00	47.59 2.21 0.00	45.46 2.00 0.00	43.05 1.91 0.00	44.50 2.04 0.00	38.36 1.74 0.00	37.75 1.69 0.00	37.97 1.38 0.00	39.86 1.06 0.64	45.98 1.17 0.85	51.92 1.62 0.69	61.09 2.32 0.00	56.77 2.67 0.00	66.00 3.26 0.00	61.33 2.93 0.00	50.77 2.83 0.00	40.64 2.30 -0.38	41.77 2.17 -0.48	45.57 2.31 -0.17	47.21 2.15 0.00	45.99 1.92 0.00	39.41 1.47 0.00
DANC__LFGE 323619	50.04 1.11 -0.29	41.97 0.66 -0.03	42.36 0.45 -0.23	46.37 0.49 -0.51	43.67 0.21 0.00	41.00 -0.13 0.00	42.53 0.07 0.00	36.94 0.32 0.00	36.61 0.56 0.00	37.33 0.75 0.00	40.12 0.69 0.00	46.76 1.10 0.00	52.02 1.01 -0.03	59.16 0.28 -0.11	53.96 -0.14 0.00	62.88 0.12 -0.02	59.13 0.73 0.00	48.15 0.22 0.00	37.81 -0.17 0.00	39.31 0.19 0.00	43.75 0.66 0.00	45.96 0.90 0.00	44.93 0.86 0.00	38.60 0.62 -0.04
DANSKAMMER__1 23586	50.23 1.50 -0.09	42.70 1.41 0.00	43.00 1.32 0.00	46.70 1.33 0.00	44.80 1.34 0.00	42.42 1.28 0.00	43.77 1.31 0.00	37.99 1.37 0.00	37.58 1.53 0.00	38.20 1.62 0.00	41.67 1.71 -0.53	48.48 2.11 -0.70	54.23 2.67 -0.57	62.33 3.56 0.00	57.39 3.28 0.00	66.69 3.95 0.00	62.18 3.77 0.00	51.29 3.35 0.00	40.50 2.53 0.00	41.58 2.47 0.00	45.46 2.37 0.00	47.42 2.35 0.00	46.33 2.27 0.00	39.84 1.91 0.00
DANSKAMMER__2 23589	50.23 1.50 -0.09	42.70 1.41 0.00	43.00 1.32 0.00	46.70 1.33 0.00	44.80 1.34 0.00	42.42 1.28 0.00	43.77 1.31 0.00	37.99 1.37 0.00	37.58 1.53 0.00	38.20 1.62 0.00	41.67 1.71 -0.53	48.48 2.11 -0.70	54.23 2.67 -0.57	62.33 3.56 0.00	57.39 3.28 0.00	66.69 3.95 0.00	62.18 3.77 0.00	51.29 3.35 0.00	40.50 2.53 0.00	41.58 2.47 0.00	45.46 2.37 0.00	47.42 2.35 0.00	46.33 2.27 0.00	39.84 1.91 0.00
DANSKAMMER__3 23590	50.23 1.50 -0.09	42.70 1.41 0.00	43.00 1.32 0.00	46.70 1.33 0.00	44.80 1.34 0.00	42.42 1.28 0.00	43.77 1.31 0.00	37.99 1.37 0.00	37.58 1.53 0.00	38.20 1.62 0.00	41.67 1.71 -0.53	48.48 2.11 -0.70	54.23 2.67 -0.57	62.33 3.56 0.00	57.39 3.28 0.00	66.69 3.95 0.00	62.18 3.77 0.00	51.29 3.35 0.00	40.50 2.53 0.00	41.58 2.47 0.00	45.46 2.37 0.00	47.42 2.35 0.00	46.33 2.27 0.00	39.84 1.91 0.00

DANSKAMMER___4 23591	50.23 1.50 -0.09	42.70 1.41 0.00	43.00 1.32 0.00	46.70 1.33 0.00	44.80 1.34 0.00	42.42 1.28 0.00	43.77 1.31 0.00	37.99 1.37 0.00	37.58 1.53 0.00	38.20 1.62 0.00	41.67 1.71 -0.53	48.48 2.11 -0.70	54.23 2.67 -0.57	62.33 3.56 0.00	57.39 3.28 0.00	66.69 3.95 0.00	62.18 3.77 0.00	51.29 3.35 0.00	40.50 2.53 0.00	41.58 2.47 0.00	45.46 2.37 0.00	47.42 2.35 0.00	46.33 2.27 0.00	39.84 1.91 0.00
DANSKAMMER___DIESEL 23592	50.23 1.50 -0.09	42.70 1.41 0.00	43.00 1.32 0.00	46.70 1.33 0.00	44.80 1.34 0.00	42.42 1.28 0.00	43.76 1.31 0.00	37.99 1.37 0.00	37.58 1.53 0.00	38.20 1.62 0.00	41.67 1.71 -0.53	48.48 2.11 -0.70	54.23 2.67 -0.57	62.33 3.56 0.00	57.39 3.28 0.00	66.68 3.95 0.00	62.17 3.77 0.00	51.29 3.35 0.00	40.51 2.54 0.00	41.58 2.47 0.00	45.46 2.37 0.00	47.42 2.36 0.00	46.34 2.27 0.00	39.84 1.91 0.00
DARBY___SOLAR 323810	50.44 1.92 0.11	43.02 1.74 0.00	43.52 1.84 0.00	47.33 1.95 0.00	45.23 1.77 0.00	42.83 1.69 0.00	44.26 1.80 0.00	38.15 1.53 0.00	37.54 1.49 0.00	37.78 1.19 0.00	39.66 0.89 0.67	45.72 0.94 0.89	51.61 1.33 0.71	60.76 2.00 0.00	56.42 2.31 0.00	65.58 2.84 0.00	60.96 2.56 0.00	50.44 2.50 0.00	40.40 2.05 -0.38	41.55 1.94 -0.49	45.29 2.02 -0.18	46.93 1.87 0.00	45.75 1.69 0.00	39.23 1.29 0.00
DASHVILLE___HYD 23610	49.58 0.88 -0.05	42.12 0.83 0.00	42.42 0.74 0.00	46.10 0.73 0.00	44.24 0.78 0.00	41.88 0.75 0.00	43.22 0.76 0.00	37.51 0.88 0.00	37.07 1.02 0.00	37.70 1.11 0.00	40.97 1.22 -0.32	47.59 1.50 -0.43	53.35 2.01 -0.34	61.29 2.52 0.00	56.39 2.29 0.00	65.52 2.78 0.00	61.08 2.68 0.00	50.36 2.42 0.00	35.86 1.92 4.04	39.72 1.85 1.25	44.71 1.74 0.11	46.78 1.72 0.00	45.69 1.63 0.00	39.27 1.34 0.00
DELAWARE___LFGE 323621	49.51 0.82 -0.05	41.96 0.67 0.00	42.41 0.69 -0.04	46.27 0.80 -0.09	44.22 0.76 0.00	41.88 0.75 0.00	43.22 0.77 0.00	37.30 0.68 0.00	36.63 0.57 0.00	37.21 0.62 0.00	40.18 0.74 0.00	46.61 0.95 0.00	52.10 1.11 -0.01	60.12 1.33 -0.02	55.29 1.18 0.00	63.98 1.24 0.00	59.47 1.08 0.00	48.94 1.00 0.00	38.61 0.84 0.20	39.69 0.84 0.26	43.87 0.87 0.09	45.92 0.86 0.00	44.89 0.83 0.00	38.60 0.66 -0.01
DERFIELD_115KV_TB7 355931	48.60 -0.04 0.00	41.29 0.00 0.00	41.69 0.01 0.00	45.39 0.01 0.00	43.46 0.00 0.00	41.13 0.00 0.00	42.46 0.00 0.00	36.66 0.00 0.00	36.05 0.04 0.00	36.58 -0.01 0.00	39.37 -0.06 0.00	45.60 -0.06 0.00	50.99 0.00 0.00	58.81 0.04 0.00	54.18 0.08 0.00	62.80 0.06 0.00	58.46 0.06 0.00	48.08 0.14 0.00	38.08 0.11 0.00	39.20 0.08 0.00	43.13 0.04 0.00	45.10 0.04 0.00	44.07 0.01 0.00	37.93 0.00 0.00
DOGLEVILLE___HYD 23807	49.71 1.07 0.00	42.30 1.02 0.00	42.89 1.22 0.00	46.69 1.31 0.00	44.63 1.18 0.00	42.30 1.17 0.00	43.69 1.23 0.00	37.60 0.97 0.00	36.47 0.42 0.00	36.53 -0.06 0.00	38.95 -0.48 0.00	44.97 -0.69 0.00	50.85 -0.14 0.00	60.00 1.23 0.00	55.23 1.13 0.00	64.47 1.74 0.00	59.84 1.43 0.00	49.91 1.97 0.00	39.73 1.76 0.00	40.84 1.72 0.00	44.64 1.55 0.00	46.44 1.37 0.00	45.11 1.04 0.00	38.56 0.63 0.00
DUNKIRK__115KV_TB_200 55889	49.69 1.05 0.00	41.51 0.22 0.00	41.90 0.22 0.00	45.11 -0.26 0.00	42.71 -0.75 0.00	40.62 -0.51 0.00	41.68 -0.77 0.00	34.89 -1.73 0.00	34.88 -1.17 0.00	35.97 -0.62 0.00	39.25 -0.18 0.00	45.26 -0.40 0.00	49.98 -1.01 0.00	57.27 -1.50 0.00	52.31 -1.80 0.00	60.23 -2.51 0.00	55.64 -2.76 0.00	44.62 -2.62 0.70	32.87 -2.52 2.58	36.93 -2.19 0.00	40.56 -2.53 0.00	42.88 -2.18 0.00	42.37 -1.70 0.00	36.76 -1.18 0.00
DUNKIRK___1 23563	49.69 1.05 0.00	41.51 0.22 0.00	41.90 0.22 0.00	45.11 -0.26 0.00	42.71 -0.75 0.00	40.62 -0.51 0.00	41.68 -0.77 0.00	34.89 -1.73 0.00	34.88 -1.17 0.00	35.97 -0.62 0.00	39.25 -0.18 0.00	45.26 -0.40 0.00	49.98 -1.01 0.00	57.27 -1.50 0.00	52.31 -1.80 0.00	60.23 -2.51 0.00	55.64 -2.76 0.00	44.62 -2.62 0.70	32.87 -2.52 2.58	36.93 -2.19 0.00	40.56 -2.53 0.00	42.88 -2.18 0.00	42.37 -1.70 0.00	36.76 -1.18 0.00
DUNKIRK___2 23564	49.69 1.05 0.00	41.51 0.22 0.00	41.90 0.22 0.00	45.11 -0.26 0.00	42.71 -0.75 0.00	40.62 -0.51 0.00	41.68 -0.77 0.00	34.89 -1.73 0.00	34.88 -1.17 0.00	35.97 -0.62 0.00	39.25 -0.18 0.00	45.26 -0.40 0.00	49.98 -1.01 0.00	57.27 -1.50 0.00	52.31 -1.80 0.00	60.23 -2.51 0.00	55.64 -2.76 0.00	44.62 -2.62 0.70	32.87 -2.52 2.58	36.93 -2.19 0.00	40.56 -2.53 0.00	42.88 -2.18 0.00	42.37 -1.70 0.00	36.76 -1.18 0.00
DUNKIRK___3 23565	49.50 0.86 0.00	41.39 0.11 0.00	41.78 0.10 0.00	44.93 -0.44 0.00	42.57 -0.89 0.00	40.47 -0.67 0.00	41.58 -0.87 0.00	34.93 -1.69 0.00	34.81 -1.25 0.00	35.79 -0.80 0.00	39.05 -0.38 0.00	45.04 -0.62 0.00	49.69 -1.30 0.00	56.93 -1.84 0.00	51.99 -2.12 0.00	59.88 -2.86 0.00	55.34 -3.06 0.00	44.27 -2.91 0.76	32.76 -2.67 2.54	36.70 -2.42 0.00	40.33 -2.76 0.00	42.67 -2.39 0.00	42.15 -1.92 0.00	36.59 -1.34 0.00
DUNKIRK___4 23566	49.50 0.86 0.00	41.39 0.11 0.00	41.78 0.10 0.00	44.93 -0.44 0.00	42.57 -0.89 0.00	40.47 -0.67 0.00	41.58 -0.87 0.00	34.93 -1.69 0.00	34.81 -1.25 0.00	35.79 -0.80 0.00	39.05 -0.38 0.00	45.04 -0.62 0.00	49.69 -1.30 0.00	56.93 -1.84 0.00	51.99 -2.12 0.00	59.88 -2.86 0.00	55.34 -3.06 0.00	44.27 -2.91 0.76	32.76 -2.67 2.54	36.70 -2.42 0.00	40.33 -2.76 0.00	42.67 -2.39 0.00	42.15 -1.92 0.00	36.59 -1.34 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	50.01 1.26 -0.12	42.54 1.25 0.00	42.82 1.14 0.00	46.50 1.12 0.00	44.64 1.18 0.00	42.28 1.14 0.00	43.60 1.15 0.00	37.92 1.30 0.00	37.54 1.49 0.00	38.93 1.60 -0.74	41.77 1.67 -0.67	48.54 1.99 -0.89	54.12 2.41 -0.72	62.03 3.26 0.00	57.11 3.01 0.00	66.34 3.60 0.00	61.88 3.49 0.00	51.08 3.14 0.00	42.43 2.35 -2.10	44.09 2.26 -2.71	46.17 2.11 -0.98	47.22 2.16 0.00	46.21 2.15 0.00	39.88 1.95 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	49.83 1.10 -0.09	42.33 1.05 0.00	42.63 0.95 0.00	46.31 0.94 0.00	44.46 1.00 0.00	42.09 0.95 0.00	43.42 0.96 0.00	37.69 1.07 0.00	37.26 1.21 0.00	37.58 1.28 0.28	41.27 1.31 -0.53	48.00 1.64 -0.70	53.66 2.11 -0.56	61.53 2.76 0.00	56.63 2.53 0.00	65.77 3.03 0.00	61.33 2.93 0.00	50.59 2.65 0.00	39.15 2.03 0.85	39.98 1.96 1.10	44.54 1.85 0.40	46.92 1.86 0.00	45.87 1.80 0.00	39.46 1.53 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	49.87 1.12 -0.12	42.48 1.19 0.00	42.64 0.97 0.00	46.29 0.91 0.00	44.53 1.07 0.00	42.12 0.99 0.00	43.47 1.01 0.00	37.87 1.25 0.00	37.58 1.52 0.00	39.06 1.74 -0.74	41.96 1.86 -0.67	48.59 2.04 -0.89	53.96 2.26 -0.72	61.95 3.18 0.00	57.07 2.97 0.00	66.32 3.58 0.00	61.86 3.45 0.00	51.10 3.16 0.00	42.51 2.44 -2.10	44.14 2.32 -2.70	46.23 2.16 -0.97	47.27 2.21 0.00	46.45 2.38 0.00	40.11 2.18 0.00

E179THST_13_KV_LOAD 356214	50.19 1.43 -0.12	42.74 1.46 0.00	42.89 1.21 0.00	46.56 1.18 0.00	44.78 1.33 0.00	42.36 1.23 0.00	43.71 1.25 0.00	38.08 1.46 0.00	37.78 1.73 0.00	39.30 1.98 -0.74	42.23 2.13 -0.67	48.91 2.36 -0.89	54.33 2.62 -0.72	62.37 3.60 0.00	57.46 3.36 0.00	66.75 4.02 0.00	62.27 3.87 0.00	51.44 3.50 0.00	42.77 2.70 -2.10	44.40 2.58 -2.70	46.53 2.46 -0.97	47.59 2.53 0.00	46.76 2.69 0.00	40.38 2.44 0.00
EAST HAMPTON___GT 23717	52.66 3.91 -0.12	44.84 3.55 0.00	45.19 3.51 0.00	49.51 3.66 -0.47	47.59 3.60 -0.53	44.55 3.42 0.00	45.76 3.30 0.00	40.97 3.34 -1.01	43.50 3.55 -3.90	51.36 3.35 -11.42	50.77 2.68 -8.66	49.95 2.45 -1.85	64.55 2.74 -10.82	78.02 3.82 -15.44	86.29 3.50 -28.69	80.17 4.01 -13.42	86.13 3.90 -23.83	98.76 3.32 -47.49	41.05 1.80 -1.27	42.52 1.54 -1.85	45.46 1.39 -0.97	46.96 2.50 0.60	41.83 2.25 4.49	40.78 2.85 0.00
EAST RIVER___6 23660	50.12 1.36 -0.12	42.62 1.33 0.00	42.87 1.19 0.00	46.50 1.13 0.00	44.65 1.20 0.00	42.29 1.16 0.00	43.62 1.16 0.00	37.98 1.36 0.00	37.69 1.64 0.00	39.10 1.77 -0.74	41.99 1.89 -0.67	48.75 2.20 -0.89	54.32 2.62 -0.72	62.30 3.53 0.00	57.32 3.21 0.00	66.65 3.91 0.00	62.19 3.79 0.00	51.34 3.40 0.00	42.65 2.58 -2.10	44.33 2.51 -2.71	46.39 2.33 -0.98	47.39 2.33 0.00	46.45 2.38 0.00	40.13 2.20 0.00
EAST RIVER___7 23524	50.12 1.36 -0.12	42.62 1.33 0.00	42.87 1.19 0.00	46.50 1.13 0.00	44.65 1.20 0.00	42.29 1.16 0.00	43.62 1.16 0.00	37.98 1.36 0.00	37.69 1.64 0.00	39.10 1.77 -0.74	41.99 1.89 -0.67	48.75 2.20 -0.89	54.32 2.62 -0.72	62.30 3.53 0.00	57.32 3.21 0.00	66.65 3.91 0.00	62.19 3.79 0.00	51.34 3.40 0.00	42.65 2.58 -2.10	44.33 2.51 -2.71	46.39 2.33 -0.98	47.39 2.33 0.00	46.45 2.38 0.00	40.13 2.20 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	49.89 1.13 -0.12	42.43 1.15 0.00	42.73 1.05 0.00	46.38 1.01 0.00	44.55 1.09 0.00	42.18 1.04 0.00	43.50 1.05 0.00	37.81 1.19 0.00	37.43 1.38 0.00	38.86 1.48 -0.79	41.64 1.54 -0.67	48.37 1.82 -0.89	53.95 2.25 -0.71	61.85 3.08 0.00	56.95 2.85 0.00	66.16 3.42 0.00	61.71 3.30 0.00	50.93 2.99 0.00	42.39 2.24 -2.17	44.07 2.15 -2.80	46.11 2.01 -1.01	47.09 2.02 0.00	46.08 2.01 0.00	39.76 1.83 0.00
EAST_HAMPTON___DIESEL 23722	52.66 3.91 -0.12	44.84 3.56 0.00	45.20 3.52 0.00	49.51 3.66 -0.47	47.60 3.61 -0.53	44.55 3.42 0.00	45.76 3.30 0.00	40.96 3.33 -1.01	43.48 3.53 -3.90	51.33 3.32 -11.42	50.72 2.63 -8.66	49.89 2.38 -1.85	64.46 2.65 -10.82	77.91 3.70 -15.44	86.20 3.40 -28.69	80.03 3.88 -13.42	86.00 3.77 -23.83	98.66 3.22 -47.49	40.97 1.72 -1.27	42.43 1.46 -1.85	45.37 1.31 -0.97	46.88 2.42 0.60	41.74 2.16 4.49	40.72 2.79 0.00
EAST_POINT___SOLAR 323840	51.64 3.06 0.06	43.66 2.38 0.00	43.89 2.21 0.00	47.70 2.33 0.00	45.66 2.20 0.00	43.20 2.06 0.00	44.47 2.01 0.00	37.74 1.12 0.00	36.01 -0.04 0.00	36.24 -0.35 0.00	38.80 -0.26 0.38	45.02 -0.13 0.50	51.11 0.53 0.41	60.33 1.56 0.00	55.53 1.43 0.00	65.40 2.67 0.00	61.35 2.95 0.00	50.34 2.40 0.00	40.53 2.29 -0.27	42.11 2.65 -0.34	46.08 2.87 -0.12	47.90 2.83 0.00	46.64 2.57 0.00	40.01 2.07 0.00
EAST_PULASKI___ESR 323781	49.16 0.09 -0.43	41.23 -0.10 -0.04	41.81 -0.20 -0.34	45.82 -0.31 -0.75	43.05 -0.41 0.00	40.63 -0.50 0.00	42.02 -0.43 0.00	36.29 -0.33 0.00	35.82 -0.23 0.00	36.45 -0.14 0.00	39.31 -0.12 0.00	45.67 0.01 0.00	50.85 -0.17 -0.04	58.31 -0.62 -0.16	53.35 -0.75 0.00	61.95 -0.82 -0.03	57.86 -0.55 0.00	47.29 -0.65 0.00	37.26 -0.71 0.00	38.55 -0.56 0.00	42.63 -0.46 0.00	44.71 -0.36 0.00	43.80 -0.27 0.00	37.75 -0.24 -0.06
EAST_RIVER___1 323558	50.10 1.34 -0.12	42.61 1.33 0.00	42.87 1.19 0.00	46.50 1.13 0.00	44.65 1.20 0.00	42.29 1.16 0.00	43.62 1.16 0.00	37.97 1.36 0.00	37.67 1.62 0.00	39.08 1.75 -0.74	41.97 1.87 -0.67	48.73 2.18 -0.89	54.31 2.60 -0.72	62.27 3.50 0.00	57.29 3.18 0.00	66.61 3.88 0.00	62.14 3.73 0.00	51.28 3.34 0.00	42.60 2.53 -2.10	44.29 2.47 -2.71	46.37 2.30 -0.98	47.39 2.32 0.00	46.43 2.37 0.00	40.09 2.16 0.00
EAST_RIVER___2 323559	50.12 1.36 -0.12	42.62 1.33 0.00	42.87 1.19 0.00	46.50 1.13 0.00	44.65 1.20 0.00	42.29 1.16 0.00	43.62 1.16 0.00	37.98 1.36 0.00	37.69 1.64 0.00	39.10 1.77 -0.74	41.99 1.89 -0.67	48.75 2.20 -0.89	54.32 2.62 -0.72	62.30 3.53 0.00	57.32 3.21 0.00	66.65 3.91 0.00	62.19 3.79 0.00	51.34 3.40 0.00	42.65 2.58 -2.10	44.33 2.51 -2.71	46.39 2.33 -0.98	47.39 2.33 0.00	46.45 2.38 0.00	40.13 2.20 0.00
EAST___DELAWARE_HYD 23607	49.39 0.68 -0.07	41.87 0.59 0.00	42.11 0.43 0.00	45.71 0.34 0.00	43.86 0.40 0.00	41.48 0.34 0.00	42.81 0.35 0.00	37.13 0.51 0.00	36.72 0.67 0.00	37.08 0.72 0.22	40.64 0.78 -0.42	47.29 1.06 -0.56	53.12 1.68 -0.45	60.97 2.20 0.00	56.15 2.05 0.00	65.35 2.61 0.00	60.95 2.55 0.00	50.14 2.21 0.00	37.67 1.68 1.98	39.56 1.71 1.27	44.31 1.57 0.35	46.57 1.51 0.00	45.45 1.38 0.00	39.00 1.07 0.00
EIGHT_POINT___WT_PWR 323820	50.01 1.30 -0.07	41.93 0.64 -0.01	42.29 0.56 -0.05	45.46 -0.03 -0.11	42.95 -0.51 0.00	40.86 -0.27 0.00	42.39 -0.06 0.00	35.73 -0.89 0.00	35.26 -0.79 0.00	35.65 -0.94 0.00	39.40 -0.03 0.00	45.06 -0.60 0.00	49.78 -1.21 -0.01	56.72 -2.07 -0.02	52.12 -1.99 0.00	60.43 -2.31 0.00	56.19 -2.21 0.00	48.05 -2.46 -2.57	30.05 -2.12 5.79	37.52 -1.59 0.00	41.37 -1.72 0.00	43.51 -1.56 0.00	42.51 -1.55 0.00	36.50 -1.45 -0.01
ELBRIDGE_115KV_TB2 80188	48.70 -0.24 -0.30	40.98 -0.33 -0.03	41.55 -0.36 -0.23	45.37 -0.53 -0.52	42.83 -0.63 0.00	40.56 -0.58 0.00	41.87 -0.59 0.00	36.03 -0.58 0.00	35.45 -0.60 0.00	36.01 -0.57 0.00	39.02 -0.41 0.00	45.28 -0.38 0.00	50.45 -0.57 -0.03	58.14 -0.74 -0.11	53.32 -0.78 0.00	61.89 -0.86 -0.02	57.58 -0.82 0.00	47.28 -0.65 0.00	37.37 -0.60 0.00	38.48 -0.64 0.00	42.34 -0.75 0.00	44.30 -0.77 0.00	43.31 -0.76 0.00	37.31 -0.67 -0.04
ELEC_TRO_TEK 24086	50.65 1.90 -0.12	43.11 1.83 0.00	43.46 1.78 0.00	47.67 1.83 -0.47	45.87 1.87 -0.53	42.91 1.78 0.00	44.18 1.72 0.00	39.48 1.85 -1.01	41.98 2.03 -3.90	50.13 2.12 -11.42	51.30 2.15 -9.72	50.02 2.52 -1.84	65.84 2.91 -11.95	80.23 3.88 -17.58	86.39 3.60 -28.69	80.31 4.16 -13.42	90.82 4.01 -28.40	103.10 3.43 -51.73	42.34 2.28 -2.09	43.99 2.17 -2.70	46.09 2.03 -0.97	48.07 2.33 -0.68	61.41 2.20 -15.14	40.15 2.22 0.00
ELLENBURG_WT_PWR 323604	48.78 0.14 0.00	41.22 -0.07 0.00	41.46 -0.22 0.00	45.27 -0.11 0.00	43.54 0.08 0.00	41.23 0.09 0.00	42.49 0.04 0.00	36.69 0.06 0.00	36.27 0.22 0.00	36.84 0.25 0.00	39.82 0.38 0.00	45.91 0.25 0.00	51.35 0.36 0.00	58.78 0.01 0.00	53.86 -0.25 0.00	62.82 0.08 0.00	58.67 0.27 0.00	47.94 0.00 0.00	38.08 0.11 0.00	39.40 0.28 0.00	43.67 0.58 0.00	45.65 0.59 0.00	44.59 0.52 0.00	38.37 0.44 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	49.50 0.86 0.00	41.42 0.13 0.00	41.80 0.12 0.00	44.70 -0.68 0.00	42.37 -1.09 0.00	40.26 -0.88 0.00	41.40 -1.05 0.00	34.90 -1.73 0.00	34.66 -1.39 0.00	35.48 -1.10 0.00	38.70 -0.74 0.00	44.62 -1.04 0.00	49.11 -1.89 0.00	56.17 -2.61 0.00	51.26 -2.84 0.00	58.99 -3.75 0.00	54.57 -3.83 0.00	43.47 -3.66 0.81	32.50 -3.12 2.35	36.08 -3.04 0.00	39.71 -3.38 0.00	42.15 -2.92 0.00	41.63 -2.44 0.00	36.27 -1.67 0.00
EMPIRE_CC_1 323656	48.23 -0.24 0.17	41.33 0.05 0.00	41.89 0.21 0.00	45.62 0.24 0.00	43.67 0.21 0.00	41.34 0.21 0.00	42.74 0.28 0.00	36.97 0.34 0.00	36.44 0.39 0.00	36.95 0.21 -0.14	38.33 -0.09 1.01	44.00 -0.31 1.35	49.69 -0.22 1.08	58.85 0.08 0.00	54.44 0.33 0.00	63.03 0.29 0.00	58.59 0.18 0.00	48.53 0.60 0.00	39.03 0.51 -0.55	40.17 0.34 -0.71	43.56 0.21 -0.26	45.17 0.10 0.00	44.10 0.03 0.00	37.97 0.04 0.00
EMPIRE_CC_2 323658	48.23 -0.24 0.17	41.33 0.05 0.00	41.89 0.21 0.00	45.62 0.24 0.00	43.67 0.21 0.00	41.34 0.21 0.00	42.74 0.28 0.00	36.97 0.34 0.00	36.44 0.39 0.00	36.95 0.21 -0.14	38.33 -0.09 1.01	44.00 -0.31 1.35	49.69 -0.22 1.08	58.85 0.08 0.00	54.44 0.33 0.00	63.03 0.29 0.00	58.59 0.18 0.00	48.53 0.60 0.00	39.03 0.51 -0.55	40.17 0.34 -0.71	43.56 0.21 -0.26	45.17 0.10 0.00	44.10 0.03 0.00	37.97 0.04 0.00
ENORWICH_115KV_TB1 80156	52.14 3.38 -0.12	43.96 2.67 -0.01	44.38 2.61 -0.09	48.28 2.69 -0.20	45.94 2.48 0.00	43.55 2.42 0.00	44.92 2.47 0.00	38.55 1.93 0.00	37.80 1.74 0.00	38.22 1.63 0.00	41.47 2.04 0.00	48.46 2.80 0.00	54.43 3.43 -0.01	62.84 4.02 -0.04	57.34 3.23 0.00	66.19 3.44 -0.01	61.56 3.16 0.00	51.07 3.00 -0.13	44.19 2.52 -3.70	41.57 2.45 0.00	45.83 2.74 0.00	47.61 2.55 0.00	46.47 2.41 0.00	39.61 1.66 -0.02
ERIE_ST__34_KV_TB1-2 80199	49.66 1.02 0.00	41.55 0.26 0.00	41.91 0.23 0.00	44.86 -0.51 0.00	42.54 -0.92 0.00	40.41 -0.72 0.00	41.60 -0.86 0.00	35.16 -1.46 0.00	34.87 -1.18 0.00	35.70 -0.89 0.00	38.95 -0.48 0.00	44.96 -0.70 0.00	49.52 -1.47 0.00	56.76 -2.01 0.00	51.84 -2.27 0.00	59.74 -3.00 0.00	55.31 -3.10 0.00	44.24 -3.02 0.68	32.88 -2.63 2.47	36.54 -2.58 0.00	40.20 -3.12 0.00	42.61 -2.68 0.00	42.01 -2.05 0.00	36.53 -1.40 0.00
ERIE_WT_PWR 323693	49.69 1.05 0.00	41.57 0.28 0.00	41.94 0.26 0.00	44.87 -0.50 0.00	42.51 -0.95 0.00	40.41 -0.73 0.00	41.58 -0.88 0.00	35.07 -1.55 0.00	34.80 -1.25 0.00	35.62 -0.97 0.00	38.87 -0.56 0.00	44.84 -0.82 0.00	49.37 -1.62 0.00	56.50 -2.27 0.00	51.56 -2.55 0.00	59.34 -3.39 0.00	54.87 -3.54 0.00	43.78 -3.39 0.77	32.60 -2.93 2.44	36.32 -2.80 0.00	39.97 -3.12 0.00	42.38 -2.68 0.00	41.85 -2.22 0.00	36.42 -1.52 0.00
ESPRGFLD_115KV_TB1 80157	50.78 2.18 0.04	42.87 1.58 0.00	43.09 1.41 0.00	46.86 1.49 0.00	44.86 1.40 0.00	42.46 1.32 0.00	43.77 1.32 0.00	37.60 0.97 0.00	36.80 0.74 0.00	37.48 0.89 0.00	40.50 1.30 0.23	47.15 1.79 0.30	52.77 2.02 0.25	61.00 2.23 0.00	55.86 1.75 0.00	64.74 2.01 0.00	60.33 1.92 0.00	49.44 1.50 0.00	39.30 1.32 0.00	40.64 1.52 0.00	44.77 1.68 0.00	46.79 1.73 0.00	45.75 1.68 0.00	39.32 1.39 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	49.80 1.00 -0.16	41.98 0.67 -0.01	42.42 0.61 -0.13	46.21 0.56 -0.28	43.87 0.41 0.00	41.57 0.43 0.00	42.92 0.47 0.00	36.88 0.26 0.00	36.17 0.11 0.00	36.62 0.03 0.00	39.71 0.28 0.00	46.32 0.66 0.00	51.73 0.73 -0.02	59.55 0.72 -0.06	54.38 0.28 0.00	62.86 0.12 -0.01	58.60 0.19 0.00	48.67 0.50 -0.22	47.54 0.45 -9.12	39.66 0.54 0.00	43.59 0.50 0.00	45.52 0.46 0.00	44.45 0.39 0.00	38.21 0.25 -0.02
ETNA____115KV_TB2 80207	49.80 1.00 -0.16	41.98 0.67 -0.01	42.42 0.61 -0.13	46.21 0.56 -0.28	43.87 0.41 0.00	41.57 0.43 0.00	42.92 0.47 0.00	36.88 0.26 0.00	36.17 0.11 0.00	36.62 0.03 0.00	39.71 0.28 0.00	46.32 0.66 0.00	51.73 0.73 -0.02	59.55 0.72 -0.06	54.38 0.28 0.00	62.86 0.12 -0.01	58.60 0.19 0.00	48.67 0.50 -0.22	47.54 0.45 -9.12	39.66 0.54 0.00	43.59 0.50 0.00	45.52 0.46 0.00	44.45 0.39 0.00	38.21 0.25 -0.02
EUCLID____115KV_TB2 356179	48.20 -0.57 -0.13	40.72 -0.58 -0.01	41.15 -0.63 -0.10	44.78 -0.83 -0.23	42.61 -0.85 0.00	40.35 -0.79 0.00	41.64 -0.82 0.00	35.83 -0.79 0.00	35.29 -0.76 0.00	35.86 -0.73 0.00	38.77 -0.66 0.00	45.00 -0.66 0.00	50.18 -0.82 -0.01	57.77 -1.05 -0.05	53.16 -0.95 0.00	61.59 -1.16 -0.01	57.28 -1.12 0.00	47.04 -0.90 0.00	37.16 -0.81 0.00	38.28 -0.84 0.00	42.10 -0.99 0.00	44.05 -1.01 0.00	43.07 -1.00 0.00	37.12 -0.82 -0.02
E_CANADA_CAP_HY 24051	51.07 2.49 0.06	43.16 1.88 0.00	43.36 1.68 0.00	47.12 1.75 0.00	45.12 1.66 0.00	42.68 1.55 0.00	43.99 1.53 0.00	37.65 1.02 0.00	36.67 0.62 0.00	37.20 0.61 0.00	39.95 0.85 0.34	46.42 1.21 0.45	52.09 1.47 0.37	60.63 1.86 0.00	55.63 1.52 0.00	64.78 2.04 0.00	60.52 2.12 0.00	49.60 1.66 0.00	39.71 1.51 -0.23	41.22 1.81 -0.29	45.19 1.99 -0.11	47.09 2.03 0.00	46.00 1.94 0.00	39.57 1.64 0.00
E_CANADA_MHWK_HY 24050	49.71 1.07 0.00	42.30 1.02 0.00	42.89 1.22 0.00	46.69 1.31 0.00	44.63 1.17 0.00	42.30 1.17 0.00	43.69 1.23 0.00	37.60 0.97 0.00	36.47 0.42 0.00	36.53 -0.06 0.00	38.95 -0.48 0.00	44.97 -0.69 0.00	50.85 -0.14 0.00	60.00 1.23 0.00	55.23 1.13 0.00	64.47 1.74 0.00	59.83 1.43 0.00	49.91 1.97 0.00	39.72 1.75 0.00	40.83 1.72 0.00	44.64 1.55 0.00	46.44 1.37 0.00	45.11 1.04 0.00	38.56 0.63 0.00
E_FISHKILL___LBMP 23776	49.52 0.76 -0.12	42.12 0.83 0.00	42.45 0.78 0.00	46.13 0.76 0.00	44.27 0.81 0.00	41.91 0.78 0.00	43.25 0.79 0.00	37.55 0.93 0.00	37.13 1.08 0.00	37.94 1.12 -0.23	41.23 1.12 -0.68	47.89 1.32 -0.91	53.41 1.69 -0.73	61.26 2.49 0.00	56.47 2.36 0.00	65.58 2.84 0.00	61.14 2.74 0.00	50.51 2.57 0.00	41.30 1.95 -1.38	42.75 1.84 -1.78	45.43 1.69 -0.64	46.75 1.68 0.00	45.70 1.63 0.00	39.38 1.45 0.00
FALCON___SEABRD_CC1 323796	49.08 0.44 0.00	41.44 0.15 0.00	41.67 -0.01 0.00	45.45 0.07 0.00	43.72 0.26 0.00	41.40 0.27 0.00	42.72 0.27 0.00	36.86 0.24 0.00	36.43 0.37 0.00	36.95 0.36 0.00	39.91 0.48 0.00	45.88 0.21 0.00	51.45 0.46 0.00	58.91 0.14 0.00	53.94 -0.17 0.00	62.78 0.04 0.00	58.65 0.25 0.00	48.02 0.08 0.00	38.12 0.15 0.00	39.43 0.31 0.00	43.75 0.66 0.00	45.64 0.58 0.00	44.56 0.49 0.00	38.37 0.43 0.00
FALCON___SEABRD_CC2 323797	49.08 0.44 0.00	41.44 0.15 0.00	41.67 -0.01 0.00	45.45 0.07 0.00	43.72 0.26 0.00	41.40 0.27 0.00	42.72 0.27 0.00	36.86 0.24 0.00	36.43 0.37 0.00	36.95 0.36 0.00	39.91 0.48 0.00	45.88 0.21 0.00	51.45 0.46 0.00	58.91 0.14 0.00	53.94 -0.17 0.00	62.78 0.04 0.00	58.65 0.25 0.00	48.02 0.08 0.00	38.12 0.15 0.00	39.43 0.31 0.00	43.75 0.66 0.00	45.64 0.58 0.00	44.56 0.49 0.00	38.37 0.43 0.00

FAR ROCKAWAY___4 23548	51.63 2.87 -0.12	43.92 2.64 0.00	44.25 2.57 0.00	48.50 2.65 -0.47	46.65 2.65 -0.53	43.63 2.50 0.00	44.93 2.47 0.00	40.11 2.48 -1.01	42.65 2.70 -3.90	50.85 2.84 -11.42	53.66 2.99 -11.24	51.04 3.54 -1.84	66.95 4.01 -11.95	81.43 5.08 -17.58	87.55 4.76 -28.69	81.27 5.12 -13.42	93.05 5.09 -29.57	110.42 4.31 -58.17	42.99 2.93 -2.09	44.64 2.83 -2.70	46.76 2.70 -0.97	50.58 2.99 -2.53	90.24 2.80 -43.38	40.83 2.90 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	50.11 1.35 -0.12	42.64 1.35 0.00	42.88 1.21 0.00	46.51 1.13 0.00	44.67 1.21 0.00	42.32 1.19 0.00	43.64 1.18 0.00	37.99 1.37 0.00	37.67 1.62 0.00	39.10 1.77 -0.74	41.98 1.88 -0.67	48.76 2.21 -0.89	54.34 2.64 -0.72	62.29 3.53 0.00	57.32 3.21 0.00	66.64 3.90 0.00	62.16 3.76 0.00	51.31 3.37 0.00	42.63 2.55 -2.10	44.32 2.50 -2.71	46.41 2.34 -0.98	47.43 2.37 0.00	46.48 2.41 0.00	40.13 2.20 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	50.14 1.38 -0.12	42.66 1.37 0.00	42.90 1.22 0.00	46.53 1.15 0.00	44.69 1.24 0.00	42.33 1.20 0.00	43.65 1.19 0.00	38.00 1.38 0.00	37.69 1.64 0.00	39.11 1.78 -0.74	41.99 1.89 -0.67	48.77 2.22 -0.89	54.36 2.66 -0.72	62.31 3.54 0.00	57.34 3.23 0.00	66.65 3.91 0.00	62.19 3.79 0.00	51.32 3.38 0.00	42.64 2.57 -2.10	44.34 2.52 -2.71	46.41 2.35 -0.98	47.45 2.39 0.00	46.49 2.42 0.00	40.14 2.21 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	50.07 1.31 -0.12	42.60 1.32 0.00	42.85 1.18 0.00	46.48 1.10 0.00	44.65 1.19 0.00	42.29 1.15 0.00	43.60 1.15 0.00	37.96 1.34 0.00	37.65 1.60 0.00	39.07 1.74 -0.74	41.94 1.84 -0.67	48.72 2.17 -0.89	54.29 2.58 -0.72	62.23 3.46 0.00	57.25 3.14 0.00	66.57 3.84 0.00	62.10 3.70 0.00	51.25 3.31 0.00	42.59 2.52 -2.10	44.28 2.46 -2.71	46.37 2.30 -0.98	47.38 2.32 0.00	46.43 2.37 0.00	40.09 2.16 0.00
FARRAGUT___LBMP 323566	50.03 1.27 -0.12	42.57 1.29 0.00	42.82 1.14 0.00	46.45 1.07 0.00	44.61 1.15 0.00	42.25 1.12 0.00	43.57 1.11 0.00	37.93 1.31 0.00	37.62 1.57 0.00	39.04 1.71 -0.74	41.91 1.81 -0.67	48.67 2.12 -0.89	54.24 2.53 -0.72	62.17 3.40 0.00	57.19 3.09 0.00	66.51 3.77 0.00	62.04 3.64 0.00	51.20 3.27 0.00	42.55 2.48 -2.10	44.25 2.42 -2.71	46.32 2.26 -0.98	47.34 2.28 0.00	46.39 2.33 0.00	40.06 2.12 0.00
FENNER___WINDPWR 24204	49.85 1.09 -0.12	42.10 0.80 -0.01	42.51 0.73 -0.10	46.31 0.72 -0.22	44.07 0.61 0.00	41.71 0.58 0.00	43.06 0.61 0.00	37.08 0.46 0.00	36.44 0.39 0.00	36.96 0.37 0.00	39.93 0.50 0.00	46.46 0.80 0.00	52.03 1.03 -0.01	59.79 0.97 -0.05	55.05 0.94 0.00	63.77 1.02 -0.01	59.64 1.24 0.00	49.00 1.07 0.00	40.49 0.78 -1.74	39.94 0.82 0.00	43.94 0.85 0.00	45.89 0.83 0.00	44.81 0.74 0.00	38.50 0.55 -0.02
FIBERTEK___ENERGY 23856	48.92 -0.01 -0.28	41.18 -0.13 -0.02	41.71 -0.19 -0.22	45.55 -0.32 -0.49	43.06 -0.40 0.00	40.78 -0.36 0.00	42.09 -0.37 0.00	36.23 -0.39 0.00	35.66 -0.39 0.00	36.21 -0.38 0.00	39.22 -0.21 0.00	45.56 -0.10 0.00	50.80 -0.22 -0.03	58.50 -0.37 -0.10	53.76 -0.35 0.00	62.39 -0.37 -0.02	57.99 -0.41 0.00	47.64 -0.30 0.00	37.62 -0.35 0.00	38.75 -0.37 0.00	42.62 -0.47 0.00	44.56 -0.50 0.00	43.57 -0.50 0.00	37.54 -0.43 -0.04
FITZPATRICK___ 23598	45.70 -1.36 1.58	39.92 -1.22 0.14	39.17 -1.26 1.25	41.12 -1.48 2.77	41.98 -1.48 0.00	39.77 -1.36 0.00	41.04 -1.41 0.00	35.34 -1.29 0.00	34.79 -1.27 0.00	35.34 -1.24 0.00	38.18 -1.26 0.00	44.25 -1.41 0.00	49.19 -1.65 0.15	56.21 -1.97 0.59	52.28 -1.82 0.00	60.46 -2.16 0.11	56.36 -2.04 0.00	46.26 -1.68 0.00	36.59 -1.38 0.00	37.70 -1.42 0.00	41.50 -1.60 0.00	43.42 -1.64 0.00	42.47 -1.59 0.00	36.37 -1.35 0.22
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	50.34 1.60 -0.09	42.78 1.49 0.00	43.09 1.41 0.00	46.79 1.41 0.00	44.89 1.43 0.00	42.49 1.36 0.00	43.84 1.39 0.00	38.07 1.45 0.00	37.66 1.61 0.00	38.29 1.70 0.00	41.78 1.81 -0.54	48.61 2.23 -0.72	54.37 2.81 -0.58	62.52 3.75 0.00	57.57 3.46 0.00	66.90 4.16 0.00	62.37 3.96 0.00	51.46 3.52 0.00	40.95 2.65 -0.33	42.13 2.58 -0.42	45.74 2.50 -0.15	47.55 2.49 0.00	46.45 2.38 0.00	39.93 1.99 0.00
FORT ORANGE___ 23900	48.33 -0.22 0.08	41.35 0.06 0.00	41.89 0.21 0.00	45.64 0.26 0.00	43.70 0.24 0.00	41.36 0.22 0.00	42.73 0.27 0.00	36.99 0.37 0.00	36.43 0.38 0.00	36.77 0.18 0.00	38.64 -0.31 0.49	44.34 -0.67 0.65	49.80 -0.66 0.52	58.31 -0.46 0.00	53.97 -0.13 0.00	62.67 -0.06 0.00	58.23 -0.17 0.00	48.17 0.23 0.00	35.96 0.14 2.14	39.00 0.03 0.14	43.14 -0.13 -0.17	44.82 -0.24 0.00	43.75 -0.32 0.00	37.69 -0.25 0.00
FORT_DRUM_COGEN 23780	51.51 2.65 -0.21	43.17 1.86 -0.02	43.42 1.57 -0.17	47.53 1.79 -0.37	44.83 1.37 0.00	41.97 0.84 0.00	43.62 1.16 0.00	37.98 1.36 0.00	37.71 1.66 0.00	38.54 1.95 0.00	41.25 1.82 0.00	48.20 2.54 0.00	53.66 2.65 -0.02	60.72 1.88 -0.08	55.24 1.14 0.00	64.54 1.79 -0.02	60.99 2.59 0.00	49.49 1.56 0.00	38.76 0.79 0.00	40.49 1.37 0.00	45.30 2.21 0.00	47.61 2.55 0.00	46.45 2.38 0.00	39.79 1.83 -0.03
FOX_HILLS___ESR 323835	49.03 0.83 0.45	42.40 1.11 0.00	42.58 0.90 0.00	46.16 0.79 0.00	44.40 0.94 0.00	42.01 0.88 0.00	43.33 0.87 0.00	37.75 1.13 0.00	37.44 1.38 0.00	38.91 1.58 -0.74	41.82 1.72 -0.67	48.38 1.85 -0.87	50.57 2.01 2.42	61.71 2.94 0.00	56.86 2.76 0.00	66.12 3.38 0.00	61.68 3.28 0.00	51.01 3.08 0.00	42.62 2.55 -2.10	44.22 2.40 -2.70	46.29 2.23 -0.97	47.36 2.30 0.00	46.45 2.39 0.00	40.10 2.17 0.00
FPL_FAR_ROCK_GT1 24212	51.63 2.87 -0.12	43.93 2.64 0.00	44.25 2.57 0.00	48.50 2.65 -0.47	46.65 2.65 -0.53	43.63 2.50 0.00	44.93 2.47 0.00	40.11 2.48 -1.01	42.65 2.70 -3.90	50.85 2.85 -11.42	53.67 2.99 -11.25	51.04 3.53 -1.85	66.94 4.00 -11.95	81.44 5.08 -17.59	87.54 4.74 -28.69	81.27 5.12 -13.42	93.06 5.08 -29.57	110.41 4.30 -58.17	43.00 2.93 -2.09	44.64 2.82 -2.70	46.76 2.70 -0.97	50.59 2.99 -2.53	90.20 2.76 -43.38	40.84 2.90 0.00
FPL_FAR_ROCK_GT2 23815	51.63 2.87 -0.12	43.93 2.64 0.00	44.25 2.57 0.00	48.50 2.65 -0.47	46.65 2.65 -0.53	43.63 2.50 0.00	44.93 2.47 0.00	40.11 2.48 -1.01	42.65 2.70 -3.90	50.85 2.85 -11.42	53.67 2.99 -11.25	51.04 3.53 -1.85	66.94 4.00 -11.95	81.44 5.08 -17.59	87.54 4.74 -28.69	81.27 5.12 -13.42	93.06 5.08 -29.57	110.41 4.30 -58.17	43.00 2.93 -2.09	44.64 2.82 -2.70	46.76 2.70 -0.97	50.59 2.99 -2.53	90.20 2.76 -43.38	40.84 2.90 0.00
FRANKLIN_FALL_HYD 24054	49.60 0.96 0.00	41.87 0.58 0.00	42.08 0.40 0.00	45.99 0.62 0.00	44.21 0.75 0.00	41.84 0.71 0.00	43.16 0.70 0.00	37.24 0.62 0.00	36.83 0.78 0.00	37.46 0.88 0.00	40.49 1.05 0.00	46.90 1.24 0.00	52.36 1.37 0.00	59.85 1.08 0.00	54.79 0.68 0.00	63.88 1.14 0.00	59.66 1.26 0.00	48.54 0.60 0.00	38.55 0.58 0.00	40.05 0.93 0.00	44.44 1.35 0.00	46.50 1.43 0.00	45.37 1.31 0.00	38.95 1.02 0.00

FREEPORT_EQUS_GT1 23764	51.05 2.29 -0.12	43.44 2.16 0.00	43.82 2.14 0.00	48.08 2.23 -0.47	46.24 2.25 -0.53	43.24 2.11 0.00	44.52 2.06 0.00	39.78 2.15 -1.01	42.28 2.33 -3.90	50.45 2.45 -11.42	51.50 2.48 -9.59	50.44 2.94 -1.85	66.31 3.37 -11.95	80.62 4.26 -17.59	86.75 3.96 -28.69	80.50 4.35 -13.42	90.94 4.27 -28.26	102.58 3.69 -50.95	42.58 2.52 -2.09	44.22 2.40 -2.70	46.33 2.28 -0.97	48.24 2.71 -0.46	59.12 2.51 -12.54	40.47 2.53 0.00
FREEPORT___CT2 23818	51.05 2.29 -0.12	43.44 2.16 0.00	43.82 2.14 0.00	48.08 2.23 -0.47	46.24 2.25 -0.53	43.24 2.11 0.00	44.52 2.06 0.00	39.78 2.15 -1.01	42.28 2.33 -3.90	50.45 2.45 -11.42	51.50 2.48 -9.59	50.44 2.94 -1.85	66.31 3.37 -11.95	80.62 4.26 -17.59	86.75 3.96 -28.69	80.50 4.35 -13.42	90.94 4.27 -28.26	102.58 3.69 -50.95	42.58 2.52 -2.09	44.22 2.40 -2.70	46.33 2.28 -0.97	48.24 2.71 -0.46	59.12 2.51 -12.54	40.47 2.53 0.00
FRESHKLS_33_KV_LOAD 356253	48.97 0.78 0.45	42.41 1.12 0.00	42.57 0.89 0.00	46.15 0.78 0.00	44.40 0.94 0.00	42.01 0.88 0.00	43.33 0.87 0.00	37.73 1.11 0.00	37.42 1.36 0.00	38.88 1.55 -0.74	41.79 1.69 -0.67	48.10 1.76 -0.67	50.36 1.92 2.55	61.42 2.85 0.20	56.64 2.67 0.13	66.07 3.33 0.00	61.65 3.26 0.01	51.04 3.11 0.00	42.73 2.66 -2.10	44.34 2.52 -2.70	46.39 2.32 -0.97	47.45 2.39 0.00	46.50 2.43 0.00	40.15 2.21 0.00
FULTON COGEN____ 23766	48.52 -0.63 -0.51	40.69 -0.64 -0.04	41.38 -0.70 -0.40	45.38 -0.90 -0.90	42.55 -0.91 0.00	40.30 -0.84 0.00	41.59 -0.87 0.00	35.80 -0.82 0.00	35.26 -0.80 0.00	35.82 -0.76 0.00	38.71 -0.72 0.00	44.92 -0.74 0.00	50.14 -0.89 -0.05	57.82 -1.14 -0.19	53.05 -1.05 0.00	61.50 -1.28 -0.04	57.18 -1.22 0.00	46.97 -0.97 0.00	37.08 -0.89 0.00	38.23 -0.89 0.00	42.06 -1.03 0.00	44.00 -1.06 0.00	43.05 -1.02 0.00	37.15 -0.85 -0.07
FULTON___LFGE 323630	51.19 2.62 0.07	43.36 2.08 0.00	43.64 1.96 0.00	47.43 2.06 0.00	45.41 1.95 0.00	42.95 1.82 0.00	44.28 1.82 0.00	37.85 1.23 0.00	36.63 0.58 0.00	36.91 0.32 0.00	39.31 0.26 0.39	45.53 0.38 0.52	51.30 0.72 0.42	60.49 1.72 0.00	55.67 1.57 0.00	64.97 2.24 0.00	60.67 2.27 0.00	50.20 2.27 0.00	40.34 2.10 -0.28	41.78 2.30 -0.36	45.66 2.44 -0.13	47.46 2.40 0.00	46.26 2.19 0.00	39.72 1.79 0.00
G.F.CEMENT___DRP 24184	51.22 2.68 0.10	43.62 2.33 0.00	44.06 2.38 0.00	47.89 2.51 0.00	45.73 2.27 0.00	43.31 2.18 0.00	44.78 2.32 0.00	38.59 1.97 0.00	38.02 1.96 0.00	38.18 1.59 0.00	40.02 1.18 0.59	46.30 1.43 0.79	52.36 2.01 0.64	61.53 2.76 0.00	57.25 3.15 0.00	66.62 3.88 0.00	61.78 3.38 0.00	51.18 3.24 0.00	40.99 2.65 -0.37	42.07 2.48 -0.47	45.91 2.65 -0.17	47.51 2.45 0.00	46.25 2.19 0.00	39.58 1.65 0.00
GARDENVILLE___LBMP 24039	49.55 0.90 0.00	41.45 0.17 0.00	41.82 0.14 0.00	44.78 -0.60 0.00	42.44 -1.02 0.00	40.32 -0.81 0.00	41.49 -0.97 0.00	34.96 -1.66 0.00	34.72 -1.34 0.00	35.56 -1.03 0.00	38.78 -0.65 0.00	44.72 -0.95 0.00	49.22 -1.77 0.00	56.33 -2.44 0.00	51.41 -2.69 0.00	59.19 -3.55 0.00	54.74 -3.66 0.00	43.54 -3.50 0.90	32.52 -3.00 2.45	36.21 -2.91 0.00	39.85 -3.24 0.00	42.27 -2.79 0.00	41.75 -2.31 0.00	36.33 -1.60 0.00
GARDNVLA_35_KV_LD 355827	49.78 1.14 0.00	41.63 0.34 0.00	41.98 0.30 0.00	44.92 -0.46 0.00	42.56 -0.90 0.00	40.44 -0.69 0.00	41.61 -0.84 0.00	35.10 -1.52 0.00	34.84 -1.22 0.00	35.67 -0.92 0.00	38.92 -0.51 0.00	44.89 -0.77 0.00	49.46 -1.53 0.00	56.60 -2.17 0.00	51.65 -2.45 0.00	59.46 -3.27 0.00	55.03 -3.37 0.00	43.93 -3.28 0.73	32.69 -2.84 2.44	36.36 -2.76 0.00	40.01 -3.08 0.00	42.44 -2.62 0.00	41.89 -2.18 0.00	36.46 -1.47 0.00
GELCKHM___115KV_LOAD 80723	48.46 -0.37 -0.19	40.88 -0.42 -0.02	41.35 -0.47 -0.15	45.06 -0.65 -0.32	42.76 -0.70 0.00	40.50 -0.63 0.00	41.80 -0.66 0.00	35.98 -0.64 0.00	35.42 -0.63 0.00	35.98 -0.60 0.00	38.94 -0.50 0.00	45.20 -0.46 0.00	50.39 -0.61 -0.02	58.04 -0.80 -0.07	53.38 -0.72 0.00	61.90 -0.85 -0.01	57.56 -0.85 0.00	47.27 -0.67 0.00	37.34 -0.63 0.00	38.44 -0.67 0.00	42.29 -0.80 0.00	44.24 -0.82 0.00	43.25 -0.82 0.00	37.28 -0.68 -0.03
GENERAL___MILLS 23808	49.67 1.03 0.00	41.54 0.25 0.00	41.91 0.23 0.00	44.85 -0.52 0.00	42.51 -0.95 0.00	40.40 -0.74 0.00	41.56 -0.89 0.00	35.04 -1.58 0.00	34.78 -1.27 0.00	35.61 -0.98 0.00	38.84 -0.59 0.00	44.81 -0.85 0.00	49.35 -1.64 0.00	56.46 -2.31 0.00	51.54 -2.57 0.00	59.33 -3.40 0.00	54.90 -3.51 0.00	43.77 -3.40 0.77	32.61 -2.92 2.44	36.29 -2.83 0.00	39.94 -3.15 0.00	42.36 -2.71 0.00	41.81 -2.25 0.00	36.40 -1.53 0.00
GE_PLASTICS___DRP 24183	48.00 -0.58 0.06	41.11 -0.18 0.00	41.75 0.07 0.00	45.57 0.19 0.00	43.64 0.18 0.00	41.31 0.17 0.00	42.67 0.21 0.00	36.93 0.31 0.00	36.35 0.30 0.00	36.76 0.17 0.00	38.91 -0.14 0.38	44.74 -0.42 0.50	50.05 -0.54 0.41	58.39 -0.38 0.00	53.96 -0.15 0.00	62.49 -0.25 0.00	58.04 -0.37 0.00	47.93 -0.01 0.00	-6.34 -0.01 44.30	28.47 -0.10 10.54	43.05 -0.21 -0.17	44.78 -0.28 0.00	43.72 -0.34 0.00	37.68 -0.25 0.00
GILBOA___1 23756	48.84 0.18 -0.02	41.56 0.28 0.00	42.15 0.47 0.00	46.15 0.77 0.00	44.20 0.75 0.00	41.86 0.73 0.00	43.22 0.76 0.00	37.34 0.72 0.00	36.45 0.39 0.00	36.95 0.36 0.00	39.84 0.30 -0.11	46.14 0.33 -0.14	51.54 0.44 -0.11	59.38 0.61 0.00	54.75 0.64 0.00	63.24 0.50 0.00	58.72 0.32 0.00	48.40 0.46 0.00	38.45 0.48 0.00	39.59 0.47 0.00	43.60 0.51 0.00	45.57 0.50 0.00	44.52 0.46 0.00	38.33 0.39 0.00
GILBOA___2 23757	48.84 0.18 -0.02	41.56 0.28 0.00	42.15 0.47 0.00	46.15 0.77 0.00	44.20 0.75 0.00	41.86 0.73 0.00	43.22 0.76 0.00	37.34 0.72 0.00	36.45 0.39 0.00	36.95 0.36 0.00	39.84 0.30 -0.11	46.14 0.33 -0.14	51.54 0.44 -0.11	59.38 0.61 0.00	54.75 0.64 0.00	63.24 0.50 0.00	58.72 0.32 0.00	48.40 0.46 0.00	38.45 0.48 0.00	39.59 0.47 0.00	43.60 0.51 0.00	45.57 0.50 0.00	44.52 0.46 0.00	38.33 0.39 0.00
GILBOA___3 23758	48.84 0.18 -0.02	41.56 0.28 0.00	42.15 0.47 0.00	46.15 0.77 0.00	44.20 0.75 0.00	41.86 0.73 0.00	43.22 0.76 0.00	37.34 0.72 0.00	36.45 0.39 0.00	36.95 0.36 0.00	39.84 0.30 -0.11	46.14 0.33 -0.14	51.54 0.44 -0.11	59.38 0.61 0.00	54.75 0.64 0.00	63.24 0.50 0.00	58.72 0.32 0.00	48.40 0.46 0.00	38.45 0.48 0.00	39.59 0.47 0.00	43.60 0.51 0.00	45.57 0.50 0.00	44.52 0.46 0.00	38.33 0.39 0.00
GILBOA___4 23759	48.84 0.18 -0.02	41.56 0.28 0.00	42.15 0.47 0.00	46.15 0.77 0.00	44.20 0.75 0.00	41.86 0.73 0.00	43.22 0.76 0.00	37.34 0.72 0.00	36.45 0.39 0.00	36.95 0.36 0.00	39.84 0.30 -0.11	46.14 0.33 -0.14	51.54 0.44 -0.11	59.38 0.61 0.00	54.75 0.64 0.00	63.24 0.50 0.00	58.72 0.32 0.00	48.40 0.46 0.00	38.45 0.48 0.00	39.59 0.47 0.00	43.60 0.51 0.00	45.57 0.50 0.00	44.52 0.46 0.00	38.33 0.39 0.00

GILBOA____ 23599	48.83 0.17 -0.02	41.56 0.27 0.00	42.14 0.47 0.00	46.15 0.78 0.00	44.20 0.75 0.00	41.86 0.73 0.00	43.22 0.76 0.00	37.34 0.72 0.00	36.44 0.39 0.00	36.95 0.36 0.00	39.84 0.30 -0.11	46.14 0.33 -0.14	51.54 0.44 -0.11	59.38 0.61 0.00	54.75 0.64 0.00	63.24 0.50 0.00	58.71 0.31 0.00	48.40 0.46 0.00	38.45 0.48 0.00	39.59 0.47 0.00	43.60 0.51 0.00	45.57 0.50 0.00	44.52 0.46 0.00	38.33 0.39 0.00
GINNA____ 23603	47.31 -1.33 0.00	39.81 -1.48 0.00	40.11 -1.57 0.00	43.17 -2.21 0.00	41.12 -2.34 0.00	38.98 -2.16 0.00	40.17 -2.29 0.00	34.30 -2.32 0.00	33.97 -2.08 0.00	34.69 -1.89 0.00	37.66 -1.78 0.00	43.60 -2.06 0.00	48.35 -2.64 0.00	55.66 -3.11 0.00	51.15 -2.96 0.00	58.99 -3.74 0.00	54.64 -3.76 0.00	44.60 -3.34 0.00	33.97 -2.80 1.21	36.28 -2.84 0.00	39.91 -3.19 0.00	41.94 -3.12 0.00	41.11 -2.95 0.00	35.54 -2.39 0.00
GLEN PARK____ 23778	51.86 3.00 -0.22	43.45 2.14 -0.02	43.71 1.86 -0.17	47.83 2.07 -0.39	45.10 1.65 0.00	42.24 1.11 0.00	43.90 1.44 0.00	38.21 1.59 0.00	37.91 1.85 0.00	38.76 2.17 0.00	41.45 2.01 0.00	48.45 2.79 0.00	53.98 2.97 -0.02	61.12 2.27 -0.08	55.62 1.51 0.00	64.98 2.23 0.00	61.35 2.95 0.00	49.72 1.78 0.00	38.90 0.92 0.00	40.70 1.58 0.00	45.58 2.49 0.00	47.89 2.83 0.00	46.70 2.63 0.00	39.99 2.02 -0.03
GLENDALE_27_KV_LOAD 356172	50.15 1.40 -0.12	42.71 1.42 0.00	42.89 1.21 0.00	46.51 1.14 0.00	44.72 1.26 0.00	42.32 1.19 0.00	43.67 1.21 0.00	38.05 1.43 0.00	37.77 1.72 0.00	39.25 1.93 -0.74	42.18 2.08 -0.67	48.91 2.37 -0.89	54.35 2.64 -0.72	62.33 3.56 0.00	57.42 3.32 0.00	66.73 4.00 0.00	62.26 3.86 0.00	51.44 3.50 0.00	42.78 2.71 -2.10	44.39 2.56 -2.70	46.50 2.43 -0.97	47.56 2.50 0.00	46.69 2.63 0.00	40.33 2.40 0.00
GLENWOOD_IC_1_G5 23712	50.63 1.88 -0.12	43.07 1.78 0.00	43.41 1.73 0.00	47.61 1.76 -0.47	45.78 1.79 -0.53	42.83 1.70 0.00	44.14 1.68 0.00	39.44 1.81 -1.01	41.95 2.00 -3.90	50.14 2.13 -11.42	50.92 2.25 -9.23	50.18 2.68 -1.84	66.09 3.15 -11.95	80.45 4.10 -17.58	86.33 3.53 -28.69	80.32 4.17 -13.42	90.64 4.21 -28.02	101.07 3.50 -49.63	42.45 2.39 -2.09	44.09 2.27 -2.70	46.20 2.13 -0.97	47.60 2.34 -0.20	52.89 2.45 -6.37	40.26 2.33 0.00
GLENWOOD_IC_2_G1 23688	50.31 1.56 -0.12	42.81 1.53 0.00	43.13 1.45 0.00	47.30 1.45 -0.47	45.50 1.50 -0.53	42.56 1.43 0.00	43.87 1.42 0.00	39.18 1.55 -1.01	41.69 1.74 -3.90	49.85 1.85 -11.42	50.23 1.94 -8.86	49.79 2.29 -1.85	65.66 2.72 -11.95	79.99 3.63 -17.59	86.13 3.34 -28.69	80.09 3.94 -13.42	90.00 3.82 -27.78	99.56 3.35 -48.27	42.44 2.38 -2.09	44.09 2.27 -2.70	46.21 2.15 -0.97	47.34 2.27 0.00	46.26 2.19 0.00	40.03 2.10 0.00
GLENWOOD_IC_3_G1 23689	50.31 1.56 -0.12	42.81 1.53 0.00	43.13 1.45 0.00	47.30 1.45 -0.47	45.50 1.50 -0.53	42.56 1.43 0.00	43.87 1.42 0.00	39.18 1.55 -1.01	41.69 1.74 -3.90	49.85 1.85 -11.42	50.23 1.94 -8.86	49.79 2.29 -1.85	65.66 2.72 -11.95	79.99 3.63 -17.59	86.13 3.34 -28.69	80.09 3.94 -13.42	90.00 3.82 -27.78	99.56 3.35 -48.27	42.44 2.38 -2.09	44.09 2.27 -2.70	46.21 2.15 -0.97	47.34 2.27 0.00	46.26 2.19 0.00	40.03 2.10 0.00
GLENWOOD____4 23550	50.63 1.88 -0.12	43.07 1.78 0.00	43.41 1.73 0.00	47.61 1.76 -0.47	45.78 1.79 -0.53	42.83 1.70 0.00	44.14 1.68 0.00	39.44 1.81 -1.01	41.95 2.00 -3.90	50.14 2.13 -11.42	50.92 2.25 -9.23	50.18 2.68 -1.84	66.09 3.15 -11.95	80.48 4.13 -17.58	86.46 3.67 -28.69	80.46 4.31 -13.42	90.70 4.27 -28.02	101.18 3.60 -49.63	42.55 2.49 -2.09	44.19 2.38 -2.70	46.30 2.24 -0.97	47.70 2.43 -0.20	52.89 2.45 -6.37	40.26 2.33 0.00
GLENWOOD____5 23614	50.63 1.88 -0.12	43.07 1.78 0.00	43.41 1.73 0.00	47.61 1.76 -0.47	45.78 1.79 -0.53	42.83 1.70 0.00	44.14 1.68 0.00	39.44 1.81 -1.01	41.95 2.00 -3.90	50.14 2.13 -11.42	50.92 2.25 -9.23	50.18 2.68 -1.84	66.09 3.15 -11.95	80.48 4.13 -17.58	86.46 3.67 -28.69	80.46 4.31 -13.42	90.70 4.27 -28.02	101.18 3.60 -49.63	42.55 2.49 -2.09	44.19 2.38 -2.70	46.30 2.24 -0.97	47.70 2.43 -0.20	52.89 2.45 -6.37	40.26 2.33 0.00
GLOBAL GREEN_PORT_GT1 23814	52.50 3.74 -0.12	44.70 3.41 0.00	45.05 3.37 0.00	49.37 3.53 -0.47	47.47 3.47 -0.53	44.43 3.29 0.00	45.64 3.19 0.00	40.88 3.25 -1.01	43.46 3.51 -3.90	51.45 3.45 -11.42	50.85 2.75 -8.66	49.88 2.38 -1.85	64.53 2.73 -10.82	78.03 3.83 -15.43	86.37 3.58 -28.69	80.27 4.12 -13.42	86.20 3.98 -23.82	98.83 3.39 -47.49	41.14 1.89 -1.27	42.60 1.63 -1.85	45.54 1.48 -0.97	47.40 2.94 0.60	42.21 2.63 4.48	41.00 3.07 0.00
GLOBE____DSASP 323697	48.52 -0.12 0.00	40.62 -0.67 0.00	40.99 -0.68 0.00	43.72 -1.66 0.00	41.43 -2.03 0.00	39.34 -1.80 0.00	40.45 -2.00 0.00	34.06 -2.56 0.00	33.84 -2.21 0.00	34.59 -2.00 0.00	37.72 -1.71 0.00	43.47 -2.19 0.00	47.73 -3.26 0.00	54.54 -4.23 0.00	49.73 -4.37 0.00	57.11 -5.62 0.00	52.88 -5.52 0.00	42.25 -5.09 0.59	31.65 -4.24 2.08	34.88 -4.24 0.00	38.45 -4.64 0.00	40.93 -4.14 0.00	40.55 -3.52 0.00	35.43 -2.50 0.00
GOETHSLN____LBMP 323567	49.16 0.97 0.45	42.34 1.05 0.00	42.56 0.89 0.00	46.15 0.78 0.00	44.35 0.89 0.00	42.00 0.86 0.00	43.31 0.85 0.00	37.71 1.09 0.00	37.42 1.36 0.00	38.82 1.49 -0.74	41.69 1.59 -0.67	48.38 1.85 -0.87	50.65 2.21 2.55	61.62 3.04 0.19	56.74 2.77 0.13	66.14 3.41 0.00	61.72 3.31 0.00	50.96 3.03 0.00	42.39 2.32 -2.10	44.06 2.23 -2.71	46.11 2.04 -0.98	47.11 2.05 0.00	46.18 2.11 0.00	39.89 1.96 0.00
GOLAH____69_KV_TB 1_2 80279	50.00 1.37 0.00	42.01 0.72 0.00	42.30 0.63 0.00	45.44 0.07 0.00	43.20 -0.26 0.00	40.98 -0.15 0.00	42.21 -0.24 0.00	35.88 -0.74 0.00	35.55 -0.50 0.00	36.39 -0.19 0.00	39.50 0.07 0.00	45.61 -0.05 0.00	50.34 -0.65 0.00	57.83 -0.94 0.00	53.23 -0.88 0.00	61.42 -1.31 0.00	56.94 -1.47 0.00	46.38 -1.56 0.00	35.20 -1.41 1.36	37.73 -1.38 0.00	41.54 -1.56 0.00	43.77 -1.30 0.00	42.98 -1.08 0.00	37.24 -0.69 0.00
GOODYEAR_LAKE_HYD 323669	50.12 1.49 0.00	42.42 1.13 0.00	42.77 1.09 0.00	46.58 1.20 0.00	44.59 1.13 0.00	42.22 1.08 0.00	43.56 1.11 0.00	37.54 0.92 0.00	36.83 0.78 0.00	37.47 0.88 0.00	40.59 1.16 0.00	47.18 1.51 0.00	52.73 1.74 0.00	60.79 2.02 0.00	55.80 1.70 0.00	64.56 1.83 0.00	60.04 1.63 0.00	49.37 1.43 0.00	39.19 1.21 0.00	40.37 1.25 0.00	44.43 1.34 0.00	46.42 1.35 0.00	45.37 1.31 0.00	38.98 1.05 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	49.01 0.25 -0.11	41.35 0.06 -0.01	41.80 0.04 -0.09	45.58 0.01 -0.20	43.34 -0.12 0.00	41.11 -0.02 0.00	42.45 -0.01 0.00	36.47 -0.15 0.00	35.84 -0.21 0.00	36.39 -0.20 0.00	39.48 0.05 0.00	45.76 0.10 0.00	51.04 0.04 -0.01	58.80 -0.01 -0.04	54.00 -0.10 0.00	62.47 -0.27 -0.01	58.01 -0.40 0.00	47.68 -0.26 0.00	36.42 -0.29 1.26	38.98 -0.13 0.00	42.80 -0.29 0.00	44.83 -0.23 0.00	43.83 -0.24 0.00	37.74 -0.21 -0.02

GOWANUS_GT4_5 24134	49.83 1.08 -0.12	42.54 1.25 0.00	42.71 1.04 0.00	46.31 0.93 0.00	44.54 1.08 0.00	42.14 1.01 0.00	43.48 1.02 0.00	37.88 1.26 0.00	37.57 1.52 0.00	39.06 1.74 -0.74	41.98 1.88 -0.67	48.63 2.08 -0.89	53.94 2.24 -0.72	61.96 3.19 0.00	57.08 2.97 0.00	66.37 3.63 0.00	61.91 3.51 0.00	51.19 3.25 0.00	42.67 2.60 -2.10	44.27 2.45 -2.70	46.35 2.29 -0.97	47.43 2.36 0.00	46.55 2.48 0.00	40.19 2.26 0.00
GOWANUS_GT4_6 24135	49.83 1.08 -0.12	42.54 1.25 0.00	42.71 1.04 0.00	46.31 0.93 0.00	44.54 1.08 0.00	42.14 1.01 0.00	43.48 1.02 0.00	37.88 1.26 0.00	37.57 1.52 0.00	39.06 1.74 -0.74	41.98 1.88 -0.67	48.63 2.08 -0.89	53.94 2.24 -0.72	61.96 3.19 0.00	57.08 2.97 0.00	66.37 3.63 0.00	61.91 3.51 0.00	51.19 3.25 0.00	42.67 2.60 -2.10	44.27 2.45 -2.70	46.35 2.29 -0.97	47.43 2.36 0.00	46.55 2.48 0.00	40.19 2.26 0.00
GOWANUS_GT4_7 24136	49.83 1.08 -0.12	42.54 1.25 0.00	42.71 1.04 0.00	46.31 0.93 0.00	44.54 1.08 0.00	42.14 1.01 0.00	43.48 1.02 0.00	37.88 1.26 0.00	37.57 1.52 0.00	39.06 1.74 -0.74	41.98 1.88 -0.67	48.63 2.08 -0.89	53.94 2.24 -0.72	61.96 3.19 0.00	57.08 2.97 0.00	66.37 3.63 0.00	61.91 3.51 0.00	51.19 3.25 0.00	42.67 2.60 -2.10	44.27 2.45 -2.70	46.35 2.29 -0.97	47.43 2.36 0.00	46.55 2.48 0.00	40.19 2.26 0.00
GOWANUS_GT4_8 24137	49.83 1.08 -0.12	42.54 1.25 0.00	42.71 1.04 0.00	46.31 0.93 0.00	44.54 1.08 0.00	42.14 1.01 0.00	43.48 1.02 0.00	37.88 1.26 0.00	37.57 1.52 0.00	39.06 1.74 -0.74	41.98 1.88 -0.67	48.63 2.08 -0.89	53.94 2.24 -0.72	61.96 3.19 0.00	57.08 2.97 0.00	66.37 3.63 0.00	61.91 3.51 0.00	51.19 3.25 0.00	42.67 2.60 -2.10	44.27 2.45 -2.70	46.35 2.29 -0.97	47.43 2.36 0.00	46.55 2.48 0.00	40.19 2.26 0.00
GREATVRV_69_KV_BK1 356245	51.33 2.57 -0.12	43.76 2.47 0.00	44.17 2.50 0.00	48.51 2.66 -0.47	46.65 2.66 -0.53	43.61 2.48 0.00	44.84 2.39 0.00	40.17 2.53 -1.01	42.70 2.74 -3.90	50.83 2.82 -11.42	50.93 2.78 -8.71	50.74 3.23 -1.84	65.39 3.67 -10.73	78.85 4.81 -15.26	87.15 4.36 -28.69	81.13 4.98 -13.42	86.80 4.84 -23.56	99.86 4.23 -47.69	42.04 2.86 -1.21	43.61 2.70 -1.79	46.59 2.53 -0.97	47.49 2.97 0.54	43.30 2.73 3.50	40.80 2.87 0.00
GREENBSH_115KV_TB3 55895	48.02 -0.54 0.09	41.07 -0.22 0.00	41.63 -0.05 0.00	45.35 -0.03 0.00	43.42 -0.04 0.00	41.10 -0.03 0.00	42.45 0.00 0.00	36.79 0.16 0.00	36.25 0.19 0.00	36.62 0.03 0.52	38.61 -0.30 0.69	44.45 -0.52 0.56	49.93 -0.50 0.56	58.49 -0.28 0.00	54.09 -0.02 0.00	62.67 -0.06 0.00	58.22 -0.18 0.00	48.14 0.20 0.00	38.51 0.14 -0.39	39.63 0.01 -0.50	43.13 -0.14 -0.18	44.82 -0.24 0.00	43.75 -0.32 0.00	37.69 -0.24 0.00
GREENDGE_115KV_TB5 80291	49.45 0.71 -0.09	41.78 0.48 -0.01	42.19 0.44 -0.07	45.63 0.08 -0.17	43.34 -0.12 0.00	41.18 0.05 0.00	42.54 0.08 0.00	36.34 -0.28 0.00	35.70 -0.35 0.00	36.26 -0.33 0.00	39.69 0.26 0.00	45.87 0.20 0.00	50.53 -0.47 -0.01	57.84 -0.96 -0.04	53.04 -1.07 0.00	61.55 -1.19 -0.01	57.38 -1.02 0.00	48.09 -0.97 -1.12	30.34 -0.67 6.95	38.71 -0.41 0.00	42.29 -0.80 0.00	44.24 -0.83 0.00	43.31 -0.76 0.00	37.46 -0.48 -0.01
GREENIDGE___3 23582	49.45 0.71 -0.09	41.78 0.48 -0.01	42.19 0.44 -0.07	45.63 0.08 -0.17	43.34 -0.12 0.00	41.18 0.05 0.00	42.54 0.08 0.00	36.34 -0.28 0.00	35.70 -0.35 0.00	36.26 -0.33 0.00	39.69 0.26 0.00	45.87 0.20 0.00	50.53 -0.47 -0.01	57.84 -0.96 -0.04	53.04 -1.07 0.00	61.55 -1.19 -0.01	57.38 -1.02 0.00	48.09 -0.97 -1.12	30.34 -0.67 6.95	38.71 -0.41 0.00	42.29 -0.80 0.00	44.24 -0.83 0.00	43.31 -0.76 0.00	37.46 -0.48 -0.01
GREENIDGE___4 23583	49.45 0.71 -0.09	41.78 0.48 -0.01	42.19 0.44 -0.07	45.63 0.09 -0.17	43.33 -0.13 0.00	41.18 0.05 0.00	42.54 0.08 0.00	36.33 -0.29 0.00	35.71 -0.35 0.00	36.26 -0.33 0.00	39.69 0.26 0.00	45.89 0.23 0.00	50.54 -0.46 -0.01	57.84 -0.96 -0.04	53.04 -1.06 0.00	61.55 -1.19 -0.01	57.38 -1.02 0.00	48.09 -0.97 -1.12	30.35 -0.67 6.95	38.72 -0.40 0.00	42.30 -0.79 0.00	44.24 -0.82 0.00	43.30 -0.76 0.00	37.47 -0.48 -0.01
GREENLWN_69_KV_BK 3 55738	50.26 1.50 -0.12	42.88 1.59 0.00	43.31 1.63 0.00	47.61 1.77 -0.47	45.82 1.83 -0.53	42.83 1.70 0.00	44.06 1.60 0.00	39.45 1.82 -1.01	41.91 1.96 -3.90	50.02 2.01 -11.42	49.93 1.80 -8.69	49.52 2.02 -1.84	62.03 2.17 -8.87	73.59 3.08 -11.74	85.74 2.95 -28.69	79.52 3.37 -13.42	78.98 3.28 -17.29	98.40 2.86 -47.60	39.49 1.65 0.13	41.00 1.47 -0.41	45.38 1.32 -0.97	46.06 1.56 0.57	41.56 1.42 3.92	39.78 1.85 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	49.83 1.08 -0.12	42.54 1.25 0.00	42.71 1.04 0.00	46.31 0.93 0.00	44.54 1.08 0.00	42.14 1.01 0.00	43.48 1.02 0.00	37.88 1.26 0.00	37.57 1.52 0.00	39.06 1.74 -0.74	41.98 1.88 -0.67	48.63 2.08 -0.89	53.94 2.24 -0.72	61.96 3.19 0.00	57.08 2.97 0.00	66.37 3.63 0.00	61.91 3.51 0.00	51.19 3.25 0.00	42.67 2.60 -2.10	44.27 2.45 -2.70	46.35 2.29 -0.97	47.43 2.36 0.00	46.55 2.48 0.00	40.19 2.26 0.00
GRISSOM___SOLAR 323813	51.05 2.47 0.07	43.28 1.99 0.00	43.59 1.91 0.00	47.38 2.01 0.00	45.37 1.91 0.00	42.92 1.78 0.00	44.25 1.79 0.00	37.81 1.19 0.00	36.51 0.46 0.00	36.73 0.14 0.00	39.03 -0.01 0.39	45.16 0.03 0.53	50.91 0.35 0.42	60.19 1.43 0.00	55.47 1.36 0.00	64.76 2.02 0.00	60.42 2.02 0.00	50.15 2.22 0.00	40.33 2.07 -0.28	41.73 2.24 -0.37	45.57 2.35 -0.13	47.37 2.31 0.00	46.18 2.11 0.00	39.64 1.72 0.00
GROVEVILLE___HYD 323602	50.34 1.60 -0.09	42.78 1.49 0.00	43.09 1.41 0.00	46.79 1.41 0.00	44.89 1.43 0.00	42.49 1.36 0.00	43.84 1.39 0.00	38.07 1.45 0.00	37.66 1.61 0.00	38.29 1.70 0.00	41.78 1.81 -0.54	48.61 2.23 -0.72	54.37 2.81 -0.58	62.52 3.75 0.00	57.57 3.46 0.00	66.90 4.16 0.00	62.37 3.96 0.00	51.46 3.52 0.00	40.95 2.65 -0.33	42.13 2.58 -0.42	45.74 2.50 -0.15	47.55 2.49 0.00	46.45 2.38 0.00	39.93 1.99 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	48.92 -0.01 -0.28	41.18 -0.13 -0.02	41.71 -0.19 -0.22	45.55 -0.32 -0.49	43.06 -0.40 0.00	40.78 -0.36 0.00	42.09 -0.37 0.00	36.23 -0.39 0.00	35.66 -0.39 0.00	36.21 -0.38 0.00	39.22 -0.21 0.00	45.56 -0.10 0.00	50.80 -0.22 -0.03	58.50 -0.37 -0.10	53.76 -0.35 0.00	62.39 -0.37 -0.02	57.99 -0.41 0.00	47.64 -0.30 0.00	37.62 -0.35 0.00	38.75 -0.37 0.00	42.62 -0.47 0.00	44.56 -0.50 0.00	43.57 -0.50 0.00	37.54 -0.43 -0.04
HAMLTNNY_34_KV_TB 80303	49.31 0.40 -0.27	41.44 0.13 -0.02	41.95 0.06 -0.21	45.74 -0.11 -0.47	43.15 -0.31 0.00	40.88 -0.26 0.00	42.19 -0.26 0.00	36.23 -0.39 0.00	35.68 -0.38 0.00	36.23 -0.36 0.00	39.32 -0.11 0.00	45.64 -0.02 0.00	50.78 -0.24 -0.03	58.47 -0.40 -0.10	53.64 -0.47 0.00	62.34 -0.41 -0.02	57.83 -0.57 0.00	47.48 -0.45 0.00	37.47 -0.50 0.00	38.58 -0.53 0.00	42.47 -0.62 0.00	44.48 -0.59 0.00	43.53 -0.53 0.00	37.54 -0.43 -0.04

HAMPSHIRE___PAPER_HYD 323593	50.37 1.64 -0.09	42.45 1.15 -0.01	42.68 0.93 -0.07	46.72 1.18 -0.15	44.50 1.04 0.00	41.85 0.72 0.00	43.34 0.89 0.00	37.51 0.88 0.00	37.09 1.04 0.00	37.82 1.23 0.00	40.73 1.29 0.00	47.37 1.70 0.00	52.72 1.72 -0.01	59.95 1.15 -0.03	54.73 0.63 0.00	63.86 1.12 -0.01	60.00 1.59 0.00	48.64 0.70 0.00	38.49 0.52 0.00	40.06 0.95 0.00	44.62 1.53 0.00	46.83 1.76 0.00	45.74 1.67 0.00	39.16 1.22 -0.01
HARDSCRABBLE_WT_PWR 323673	49.60 0.96 0.00	42.19 0.90 0.00	42.72 1.05 0.00	46.50 1.13 0.00	44.47 1.01 0.00	42.13 1.00 0.00	43.50 1.04 0.00	37.46 0.84 0.00	36.46 0.41 0.00	36.62 0.03 0.00	39.16 -0.27 0.00	45.23 -0.43 0.00	51.00 0.01 0.00	59.89 1.12 0.00	55.09 0.99 0.00	64.21 1.47 0.00	59.61 1.21 0.00	49.50 1.56 0.00	39.35 1.37 0.00	40.53 1.42 0.00	44.36 1.27 0.00	46.19 1.13 0.00	44.91 0.85 0.00	38.43 0.49 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	50.01 1.27 -0.10	42.47 1.18 0.00	42.73 1.06 0.00	46.41 1.03 0.00	44.56 1.10 0.00	42.18 1.05 0.00	43.51 1.06 0.00	37.79 1.17 0.00	37.40 1.34 0.00	37.10 1.44 0.93	41.56 1.55 -0.58	48.38 1.94 -0.78	54.10 2.49 -0.63	62.03 3.26 0.00	57.12 3.01 0.00	66.32 3.58 0.00	61.81 3.41 0.00	50.96 3.02 0.00	37.72 2.28 2.53	38.06 2.20 3.26	44.00 2.08 1.18	47.14 2.08 0.00	46.09 2.02 0.00	39.65 1.72 0.00
HARSNRAD_115KV_TB1 81005	49.08 0.44 0.00	41.06 -0.22 0.00	41.49 -0.18 0.00	44.28 -1.09 0.00	41.98 -1.48 0.00	39.86 -1.27 0.00	41.00 -1.46 0.00	34.45 -2.17 0.00	34.22 -1.83 0.00	35.03 -1.56 0.00	38.17 -1.27 0.00	43.99 -1.67 0.00	48.22 -2.77 0.00	55.10 -3.67 0.00	50.32 -3.79 0.00	57.83 -4.90 0.00	53.47 -4.94 0.00	42.73 -4.61 0.60	32.14 -3.78 2.04	35.28 -3.83 0.00	38.89 -4.20 0.00	41.39 -3.68 0.00	40.96 -3.11 0.00	35.92 -2.02 0.00
HARZA MOOSE___RIVER 24016	50.39 1.67 -0.08	42.52 1.23 -0.01	42.77 1.03 -0.06	46.69 1.18 -0.13	44.38 0.92 0.00	41.73 0.60 0.00	43.25 0.79 0.00	37.48 0.85 0.00	37.10 1.05 0.00	37.75 1.16 0.00	40.64 1.21 0.00	47.28 1.62 0.00	52.74 1.75 -0.01	60.11 1.31 -0.03	55.06 0.95 0.00	64.11 1.37 0.00	60.32 1.92 0.00	49.32 1.38 0.00	38.91 0.94 0.00	40.25 1.13 0.00	44.63 1.54 0.00	46.75 1.69 0.00	45.65 1.59 0.00	39.18 1.24 -0.01
HDSNBRDG_115KV_BRDG_TB1 355580	48.46 -0.33 -0.15	40.90 -0.40 -0.01	41.35 -0.45 -0.12	45.02 -0.63 -0.27	42.80 -0.67 0.00	40.52 -0.61 0.00	41.83 -0.63 0.00	35.99 -0.63 0.00	35.42 -0.59 0.00	36.00 -0.47 0.00	38.96 -0.47 0.00	45.23 -0.43 0.00	50.44 -0.56 -0.02	58.06 -0.77 -0.06	53.41 -0.70 0.00	61.87 -0.87 -0.01	57.57 -0.83 0.00	47.27 -0.67 0.00	37.33 -0.64 0.00	38.46 -0.66 0.00	42.28 -0.81 0.00	44.23 -0.83 0.00	43.24 -0.83 0.00	37.29 -0.67 -0.02
HELLGATE_13_KV_LD 55870	50.26 1.50 -0.12	42.82 1.53 0.00	43.00 1.32 0.00	46.63 1.26 0.00	44.84 1.38 0.00	42.43 1.29 0.00	43.78 1.32 0.00	38.16 1.54 0.00	37.88 1.83 0.00	39.38 2.06 -0.74	42.32 2.22 -0.67	49.05 2.50 -0.89	54.48 2.78 -0.72	62.51 3.74 0.00	57.59 3.48 0.00	66.89 4.16 0.00	62.42 4.02 0.00	51.58 3.64 0.00	42.86 2.79 -2.10	44.48 2.66 -2.70	46.60 2.53 -0.97	47.66 2.60 0.00	46.80 2.74 0.00	40.44 2.50 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	50.26 1.50 -0.12	42.82 1.53 0.00	43.00 1.32 0.00	46.63 1.26 0.00	44.84 1.38 0.00	42.43 1.29 0.00	43.78 1.32 0.00	38.16 1.54 0.00	37.88 1.83 0.00	39.38 2.06 -0.74	42.32 2.22 -0.67	49.05 2.50 -0.89	54.48 2.78 -0.72	62.51 3.74 0.00	57.59 3.48 0.00	66.89 4.16 0.00	62.42 4.02 0.00	51.58 3.64 0.00	42.86 2.79 -2.10	44.48 2.66 -2.70	46.60 2.53 -0.97	47.66 2.60 0.00	46.80 2.74 0.00	40.44 2.50 0.00
HEMPSTEAD____ 23647	50.55 1.80 -0.12	43.04 1.75 0.00	43.42 1.74 0.00	47.64 1.79 -0.47	45.82 1.83 -0.53	42.84 1.71 0.00	44.14 1.68 0.00	39.45 1.82 -1.01	41.95 2.00 -3.90	50.12 2.11 -11.42	50.91 2.12 -9.35	50.02 2.51 -1.85	65.86 2.92 -11.95	80.21 3.86 -17.59	86.33 3.54 -28.69	80.22 4.07 -13.42	90.48 3.99 -28.08	101.31 3.41 -49.96	42.31 2.25 -2.09	43.94 2.13 -2.70	46.03 1.97 -0.97	47.55 2.27 -0.21	54.48 2.14 -8.27	40.12 2.19 0.00
HICKLING___1 23621	49.34 0.61 -0.09	41.47 0.17 -0.01	41.87 0.12 -0.07	45.50 -0.04 -0.16	43.15 -0.30 0.00	41.03 -0.11 0.00	42.40 -0.06 0.00	36.17 -0.45 0.00	35.54 -0.51 0.00	36.14 -0.44 0.00	39.51 0.08 0.00	45.67 0.01 0.00	50.64 -0.35 -0.01	58.14 -0.66 -0.04	53.31 -0.79 0.00	61.80 -0.94 -0.01	57.29 -1.11 0.00	47.35 -1.00 -0.42	30.55 -0.98 6.44	38.53 -0.58 0.00	42.20 -0.89 0.00	44.27 -0.80 0.00	43.26 -0.81 0.00	37.30 -0.65 -0.01
HICKLING___2 23622	49.34 0.61 -0.09	41.47 0.17 -0.01	41.87 0.12 -0.07	45.50 -0.04 -0.16	43.15 -0.30 0.00	41.03 -0.11 0.00	42.40 -0.06 0.00	36.17 -0.45 0.00	35.54 -0.51 0.00	36.14 -0.44 0.00	39.51 0.08 0.00	45.67 0.01 0.00	50.64 -0.35 -0.01	58.14 -0.66 -0.04	53.31 -0.79 0.00	61.80 -0.94 -0.01	57.29 -1.11 0.00	47.35 -1.00 -0.42	30.55 -0.98 6.44	38.53 -0.58 0.00	42.20 -0.89 0.00	44.27 -0.80 0.00	43.26 -0.81 0.00	37.30 -0.65 -0.01
HIGH FALLS___HY 23754	50.53 1.83 -0.06	42.83 1.54 0.00	43.05 1.37 0.00	46.71 1.34 0.00	44.84 1.38 0.00	42.43 1.29 0.00	43.77 1.31 0.00	37.99 1.38 0.00	38.23 1.54 0.00	41.59 1.64 -0.36	48.42 2.28 -0.48	54.51 3.13 -0.39	62.67 3.90 0.00	57.68 3.58 0.00	67.16 4.43 0.00	62.67 4.27 0.00	51.54 3.61 0.00	37.49 2.74 3.22	40.75 2.82 1.19	45.68 2.77 0.18	47.83 2.77 0.00	46.67 2.61 0.00	40.05 2.11 0.00	
HIGH_RIVER___SOLAR 323847	50.04 1.47 0.07	42.53 1.24 0.00	42.91 1.23 0.00	46.70 1.33 0.00	44.69 1.23 0.00	42.30 1.17 0.00	43.65 1.19 0.00	37.48 0.85 0.00	36.52 0.46 0.00	36.72 0.14 0.00	38.88 -0.13 0.43	44.94 -0.15 0.57	50.60 0.07 0.46	59.56 0.79 0.00	54.97 0.87 0.00	64.02 1.28 0.00	59.73 1.32 0.00	49.40 1.46 0.00	39.70 1.42 -0.32	41.00 1.47 -0.41	44.74 1.50 -0.15	46.54 1.47 0.00	45.42 1.35 0.00	39.04 1.11 0.00
HILLBURN___GT 23639	49.71 0.97 -0.10	42.25 0.96 0.00	42.50 0.82 0.00	46.16 0.78 0.00	44.37 0.92 0.00	42.01 0.88 0.00	43.32 0.86 0.00	37.64 1.02 0.00	37.24 1.19 0.00	36.79 1.28 1.08	41.38 1.35 -0.60	48.13 1.66 -0.80	53.77 2.13 -0.65	61.67 2.90 0.00	56.76 2.66 0.00	65.93 3.20 0.00	61.48 3.07 0.00	50.72 2.78 0.00	37.29 2.11 2.80	37.50 1.98 3.61	43.63 1.83 1.30	46.91 1.84 0.00	45.90 1.84 0.00	39.55 1.62 0.00
HILLSIDE_115KV_TB1 80332	48.42 -0.32 -0.10	40.73 -0.57 -0.01	41.17 -0.59 -0.08	44.85 -0.70 -0.17	42.56 -0.90 0.00	40.47 -0.67 0.00	41.79 -0.67 0.00	35.77 -0.84 0.00	35.15 -0.90 0.00	35.68 -0.91 0.00	38.95 -0.49 0.00	45.05 -0.61 0.00	50.06 -0.94 -0.01	57.58 -1.23 -0.04	52.82 -1.29 0.00	61.17 -1.57 -0.01	56.67 -1.73 0.00	46.83 -1.43 -0.32	30.56 -1.36 6.05	38.14 -0.98 0.00	41.75 -1.34 0.00	43.80 -1.27 0.00	42.82 -1.24 0.00	36.90 -1.04 -0.01

HISHELDN_WT_PWR 323625	49.34 0.70 0.00	41.31 0.02 0.00	41.66 -0.02 0.00	44.69 -0.68 0.00	42.42 -1.04 0.00	40.33 -0.81 0.00	41.54 -0.92 0.00	35.01 -1.61 0.00	34.63 -1.42 0.00	35.49 -1.10 0.00	38.67 -0.76 0.00	44.51 -1.15 0.00	49.05 -1.93 0.00	56.07 -2.70 0.00	51.25 -2.86 0.00	59.10 -3.64 0.00	54.64 -3.77 0.00	42.28 -3.60 2.06	32.00 -2.99 2.98	36.36 -2.76 0.00	40.01 -3.08 0.00	42.27 -2.79 0.00	41.63 -2.44 0.00	36.20 -1.73 0.00
HOLTSVILLE_IC_1 23690	50.30 1.55 -0.12	42.98 1.70 0.00	43.42 1.74 0.00	47.71 1.86 -0.47	45.91 1.91 -0.53	42.90 1.77 0.00	44.11 1.65 0.00	39.53 1.90 -1.01	42.03 2.08 -3.90	50.07 2.07 -11.42	49.97 1.88 -8.66	49.59 2.09 -1.85	64.26 2.38 -10.89	77.63 3.28 -15.58	85.80 3.00 -28.69	79.54 3.38 -13.42	85.84 3.36 -24.08	98.37 2.94 -47.48	41.13 1.83 -1.33	42.65 1.62 -1.91	45.43 1.37 -0.97	46.24 1.79 0.61	41.12 1.59 4.54	39.94 2.00 0.00
HOLTSVILLE_IC_10 23699	50.58 1.83 -0.12	43.21 1.92 0.00	43.65 1.97 0.00	47.93 2.09 -0.47	46.12 2.13 -0.53	43.10 1.97 0.00	44.32 1.86 0.00	39.71 2.08 -1.01	42.22 2.27 -3.90	50.31 2.31 -11.42	50.26 2.16 -8.67	49.96 2.46 -1.85	64.38 2.82 -10.57	77.56 3.82 -14.98	86.32 3.53 -28.69	80.13 3.97 -13.42	85.32 3.90 -23.02	98.87 3.39 -47.53	41.23 2.16 -1.10	42.74 1.95 -1.67	45.79 1.73 -0.97	46.64 2.16 0.59	41.68 1.91 4.30	40.21 2.28 0.00
HOLTSVILLE_IC_2 23691	50.30 1.55 -0.12	42.98 1.70 0.00	43.42 1.74 0.00	47.71 1.86 -0.47	45.91 1.91 -0.53	42.90 1.77 0.00	44.11 1.65 0.00	39.53 1.90 -1.01	42.03 2.08 -3.90	50.07 2.07 -11.42	49.97 1.88 -8.66	49.59 2.09 -1.85	64.26 2.38 -10.89	77.63 3.28 -15.58	85.80 3.00 -28.69	79.54 3.38 -13.42	85.84 3.36 -24.08	98.37 2.94 -47.48	41.13 1.83 -1.33	42.65 1.62 -1.91	45.43 1.37 -0.97	46.24 1.79 0.61	41.12 1.59 4.54	39.94 2.00 0.00
HOLTSVILLE_IC_3 23692	50.30 1.55 -0.12	42.98 1.70 0.00	43.42 1.74 0.00	47.71 1.86 -0.47	45.91 1.91 -0.53	42.90 1.77 0.00	44.11 1.65 0.00	39.53 1.90 -1.01	42.03 2.08 -3.90	50.07 2.07 -11.42	49.97 1.88 -8.66	49.59 2.09 -1.85	64.26 2.38 -10.89	77.63 3.28 -15.58	85.80 3.00 -28.69	79.54 3.38 -13.42	85.84 3.36 -24.08	98.37 2.94 -47.48	41.13 1.83 -1.33	42.65 1.62 -1.91	45.43 1.37 -0.97	46.24 1.79 0.61	41.12 1.59 4.54	39.94 2.00 0.00
HOLTSVILLE_IC_4 23693	50.30 1.55 -0.12	42.98 1.70 0.00	43.42 1.74 0.00	47.71 1.86 -0.47	45.91 1.91 -0.53	42.90 1.77 0.00	44.11 1.65 0.00	39.53 1.90 -1.01	42.03 2.08 -3.90	50.07 2.07 -11.42	49.97 1.88 -8.66	49.59 2.09 -1.85	64.26 2.38 -10.89	77.63 3.28 -15.58	85.80 3.00 -28.69	79.54 3.38 -13.42	85.84 3.36 -24.08	98.37 2.94 -47.48	41.13 1.83 -1.33	42.65 1.62 -1.91	45.43 1.37 -0.97	46.24 1.79 0.61	41.12 1.59 4.54	39.94 2.00 0.00
HOLTSVILLE_IC_5 23694	50.30 1.55 -0.12	42.98 1.70 0.00	43.42 1.74 0.00	47.71 1.86 -0.47	45.91 1.91 -0.53	42.90 1.77 0.00	44.11 1.65 0.00	39.53 1.90 -1.01	42.03 2.08 -3.90	50.07 2.07 -11.42	49.97 1.88 -8.66	49.59 2.09 -1.85	64.26 2.38 -10.89	77.63 3.28 -15.58	85.80 3.00 -28.69	79.54 3.38 -13.42	85.84 3.36 -24.08	98.37 2.94 -47.48	41.13 1.83 -1.33	42.65 1.62 -1.91	45.43 1.37 -0.97	46.24 1.79 0.61	41.12 1.59 4.54	39.94 2.00 0.00
HOLTSVILLE_IC_6 23695	50.58 1.83 -0.12	43.21 1.92 0.00	43.65 1.97 0.00	47.93 2.09 -0.47	46.12 2.13 -0.53	43.10 1.97 0.00	44.32 1.86 0.00	39.71 2.08 -1.01	42.22 2.27 -3.90	50.31 2.31 -11.42	50.26 2.16 -8.67	49.96 2.46 -1.85	64.38 2.82 -10.57	77.56 3.82 -14.98	86.32 3.53 -28.69	80.13 3.97 -13.42	85.32 3.90 -23.02	98.87 3.39 -47.53	41.23 2.16 -1.10	42.74 1.95 -1.67	45.79 1.73 -0.97	46.64 2.16 0.59	41.68 1.91 4.30	40.21 2.28 0.00
HOLTSVILLE_IC_7 23696	50.58 1.83 -0.12	43.21 1.92 0.00	43.65 1.97 0.00	47.93 2.09 -0.47	46.12 2.13 -0.53	43.10 1.97 0.00	44.32 1.86 0.00	39.71 2.08 -1.01	42.22 2.27 -3.90	50.31 2.31 -11.42	50.26 2.16 -8.67	49.96 2.46 -1.85	64.38 2.82 -10.57	77.56 3.82 -14.98	86.32 3.53 -28.69	80.13 3.97 -13.42	85.32 3.90 -23.02	98.87 3.39 -47.53	41.23 2.16 -1.10	42.74 1.95 -1.67	45.79 1.73 -0.97	46.64 2.16 0.59	41.68 1.91 4.30	40.21 2.28 0.00
HOLTSVILLE_IC_8 23697	50.58 1.83 -0.12	43.21 1.92 0.00	43.65 1.97 0.00	47.93 2.09 -0.47	46.12 2.13 -0.53	43.10 1.97 0.00	44.32 1.86 0.00	39.71 2.08 -1.01	42.22 2.27 -3.90	50.31 2.31 -11.42	50.26 2.16 -8.67	49.96 2.46 -1.85	64.38 2.82 -10.57	77.56 3.82 -14.98	86.32 3.53 -28.69	80.13 3.97 -13.42	85.32 3.90 -23.02	98.87 3.39 -47.53	41.23 2.16 -1.10	42.74 1.95 -1.67	45.79 1.73 -0.97	46.64 2.16 0.59	41.68 1.91 4.30	40.21 2.28 0.00
HOLTSVILLE_IC_9 23698	50.58 1.83 -0.12	43.21 1.92 0.00	43.65 1.97 0.00	47.93 2.09 -0.47	46.12 2.13 -0.53	43.10 1.97 0.00	44.32 1.86 0.00	39.71 2.08 -1.01	42.22 2.27 -3.90	50.31 2.31 -11.42	50.26 2.16 -8.67	49.96 2.46 -1.85	64.38 2.82 -10.57	77.56 3.82 -14.98	86.32 3.53 -28.69	80.13 3.97 -13.42	85.32 3.90 -23.02	98.87 3.39 -47.53	41.23 2.16 -1.10	42.74 1.95 -1.67	45.79 1.73 -0.97	46.64 2.16 0.59	41.68 1.91 4.30	40.21 2.28 0.00
HOMER_HL_115KV_TB2 355744	48.66 0.01 0.00	40.96 -0.33 0.00	41.34 -0.34 0.00	44.66 -0.72 0.00	42.49 -0.97 0.00	40.38 -0.76 0.00	41.62 -0.84 0.00	35.35 -1.27 0.00	35.05 -1.00 0.00	35.91 -0.67 0.00	39.09 -0.35 0.00	44.98 -0.68 0.00	49.50 -1.49 0.00	56.70 -2.08 0.00	51.84 -2.27 0.00	59.89 -2.84 0.00	55.24 -3.16 0.00	44.87 -2.89 0.17	32.38 -2.50 3.09	36.88 -2.24 0.00	40.63 -2.46 0.00	42.91 -2.16 0.00	42.25 -1.82 0.00	36.70 -1.23 0.00
HOWARD_WT_PWR 323690	50.05 1.34 -0.07	41.97 0.68 -0.01	42.32 0.59 -0.06	45.48 -0.02 -0.12	42.97 -0.49 0.00	40.90 -0.24 0.00	42.41 -0.04 0.00	35.75 -0.86 0.00	35.30 -0.75 0.00	35.65 -0.94 0.00	39.44 0.01 0.00	45.12 -0.54 0.00	49.84 -1.15 -0.01	56.79 -2.00 -0.03	52.18 -1.93 0.00	60.45 -2.29 0.00	56.22 -2.18 0.00	47.84 -2.46 -2.36	29.53 -2.10 6.33	37.53 -1.59 0.00	41.38 -1.71 0.00	43.51 -1.55 0.00	42.52 -1.55 0.00	36.51 -1.44 -0.01
HQ_GEN_CEDARS 23644	49.72 1.08 0.00	42.06 0.77 0.00	42.35 0.68 0.00	46.31 0.93 0.00	44.47 1.01 0.00	42.05 0.92 0.00	43.40 0.94 0.00	37.34 0.71 0.00	36.77 0.72 0.00	37.41 0.82 0.00	40.44 1.00 0.00	46.82 1.16 0.00	52.11 1.12 0.00	59.64 0.87 0.00	54.68 0.57 0.00	63.73 0.99 0.00	59.41 1.01 0.00	48.08 0.14 0.00	38.35 0.38 0.00	39.84 0.72 0.00	44.15 1.06 0.00	46.24 1.18 0.00	45.23 1.16 0.00	38.66 0.73 0.00
HQ_GEN_CEDARS_PROXY 323590	49.72 1.08 0.00	42.06 0.77 0.00	42.35 0.67 0.00	46.31 0.93 0.00	44.47 1.01 0.00	42.05 0.92 0.00	43.40 0.94 0.00	36.94 0.71 0.39	36.77 0.72 0.00	37.41 0.82 0.00	40.43 1.00 0.00	46.82 1.15 0.00	51.81 1.12 0.30	59.64 0.87 0.00	54.68 0.57 0.00	63.73 0.99 0.00	59.41 1.01 0.00	48.08 0.14 0.00	38.35 0.38 0.00	39.84 0.72 0.00	44.15 1.06 0.00	46.24 1.18 0.00	45.23 1.16 0.00	37.15 0.73 1.50

HQ_GEN_IMPORT 323601	49.01 0.37 0.00	41.55 0.26 0.00	41.92 0.24 0.00	45.70 0.33 0.00	43.82 0.36 0.00	41.46 0.32 0.00	42.79 0.33 0.00	36.88 0.25 0.00	36.32 0.26 0.00	36.88 0.29 0.00	39.78 0.35 0.00	46.05 0.39 0.00	51.37 0.38 0.00	59.07 0.30 0.00	54.31 0.21 0.00	63.08 0.34 0.00	58.76 0.36 0.00	40.79 0.08 7.23	33.72 0.10 4.35	39.31 0.19 0.00	43.19 0.35 0.25	45.46 0.40 0.00	45.07 0.40 -0.60	37.46 0.33 0.80
HQ_GEN_WHEEL 23651	49.01 0.37 0.00	41.55 0.26 0.00	41.92 0.24 0.00	45.70 0.33 0.00	43.82 0.36 0.00	41.46 0.32 0.00	42.79 0.33 0.00	36.88 0.25 0.00	36.32 0.26 0.00	36.88 0.29 0.00	39.78 0.35 0.00	46.05 0.39 0.00	51.37 0.38 0.00	59.07 0.30 0.00	54.31 0.21 0.00	63.08 0.34 0.00	58.76 0.36 0.00	40.79 0.08 7.23	33.72 0.10 4.35	39.31 0.19 0.00	43.19 0.35 0.25	45.46 0.40 0.00	45.07 0.40 -0.60	37.46 0.33 0.80
HUDSON AVE_GT_3 23810	50.13 1.37 -0.12	42.65 1.37 0.00	42.90 1.22 0.00	46.52 1.15 0.00	44.69 1.23 0.00	42.33 1.20 0.00	43.65 1.19 0.00	38.00 1.38 0.00	37.69 1.65 0.00	39.11 1.79 -0.74	42.00 1.90 -0.67	48.78 2.23 -0.89	54.37 2.66 -0.72	62.33 3.56 0.00	57.35 3.25 0.00	66.68 3.95 0.00	62.19 3.79 0.00	51.34 3.40 0.00	42.66 2.58 -2.10	44.35 2.52 -2.71	46.42 2.36 -0.98	47.45 2.39 0.00	46.49 2.42 0.00	40.14 2.21 0.00
HUDSON AVE_GT_4 23540	50.13 1.37 -0.12	42.65 1.37 0.00	42.90 1.22 0.00	46.52 1.15 0.00	44.69 1.23 0.00	42.33 1.20 0.00	43.65 1.19 0.00	38.00 1.38 0.00	37.69 1.65 0.00	39.11 1.79 -0.74	42.00 1.90 -0.67	48.78 2.23 -0.89	54.37 2.66 -0.72	62.33 3.56 0.00	57.35 3.25 0.00	66.68 3.95 0.00	62.19 3.79 0.00	51.34 3.40 0.00	42.66 2.58 -2.10	44.35 2.52 -2.71	46.42 2.36 -0.98	47.45 2.39 0.00	46.49 2.42 0.00	40.14 2.21 0.00
HUDSON AVE_GT_5 23657	50.13 1.37 -0.12	42.65 1.37 0.00	42.90 1.22 0.00	46.52 1.15 0.00	44.69 1.23 0.00	42.33 1.20 0.00	43.65 1.19 0.00	38.00 1.38 0.00	37.69 1.65 0.00	39.11 1.79 -0.74	42.00 1.90 -0.67	48.78 2.23 -0.89	54.37 2.66 -0.72	62.33 3.56 0.00	57.35 3.25 0.00	66.68 3.95 0.00	62.19 3.79 0.00	51.34 3.40 0.00	42.66 2.58 -2.10	44.35 2.52 -2.71	46.42 2.36 -0.98	47.45 2.39 0.00	46.49 2.42 0.00	40.14 2.21 0.00
HUDSON_AVE_10 24168	49.97 1.22 -0.12	42.52 1.23 0.00	42.75 1.08 0.00	46.37 0.99 0.00	44.54 1.08 0.00	42.19 1.06 0.00	43.50 1.05 0.00	37.88 1.26 0.00	37.59 1.54 0.00	38.99 1.66 -0.74	41.85 1.75 -0.67	48.60 2.05 -0.89	54.17 2.47 -0.72	62.08 3.31 0.00	57.13 3.03 0.00	66.45 3.71 0.00	61.98 3.57 0.00	51.16 3.22 0.00	42.51 2.44 -2.10	44.21 2.38 -2.71	46.27 2.20 -0.98	47.28 2.22 0.00	46.36 2.29 0.00	40.03 2.10 0.00
HUDSON___115KV_TB 4 355613	49.19 0.61 0.06	42.02 0.73 0.00	42.57 0.89 0.00	46.38 1.01 0.00	44.39 0.93 0.00	42.01 0.88 0.00	43.40 0.94 0.00	37.51 0.89 0.00	36.94 0.89 0.00	37.21 0.63 0.00	39.19 0.11 0.35	45.01 -0.18 0.47	50.50 -0.11 0.38	58.92 0.15 0.00	54.69 0.59 0.00	63.87 1.14 0.00	59.37 0.97 0.00	49.18 1.24 0.00	28.34 0.86 10.49	37.70 0.86 2.27	44.01 0.78 -0.14	45.70 0.64 0.00	44.51 0.44 0.00	38.27 0.34 0.00
HUNTER MOUNT___DRP 323613	49.38 0.78 0.04	42.18 0.89 0.00	42.77 1.09 0.00	46.62 1.24 0.00	44.61 1.15 0.00	42.21 1.08 0.00	43.62 1.17 0.00	37.72 1.10 0.00	37.13 1.08 0.00	37.40 0.81 0.00	39.55 0.33 0.22	45.42 0.05 0.29	50.89 0.13 0.24	59.16 0.39 0.00	55.07 0.96 0.00	64.25 1.51 0.00	59.66 1.26 0.00	49.41 1.47 0.00	23.58 1.10 15.50	36.60 1.09 3.61	44.19 1.00 -0.09	45.90 0.83 0.00	44.63 0.57 0.00	38.34 0.41 0.00
HUNTINGTON_RES_REC 323705	50.42 1.66 -0.12	43.03 1.75 0.00	43.46 1.78 0.00	47.75 1.91 -0.47	45.95 1.96 -0.53	42.94 1.81 0.00	44.16 1.70 0.00	39.57 1.94 -1.01	42.07 2.12 -3.90	50.18 2.18 -11.42	50.11 2.01 -8.67	49.81 2.30 -1.85	61.54 2.60 -7.95	72.38 3.60 -10.01	86.20 3.40 -28.69	79.95 3.79 -13.42	76.31 3.70 -14.21	98.70 3.23 -47.53	39.14 1.96 0.79	40.59 1.75 0.27	45.61 1.55 -0.97	46.37 1.89 0.59	41.44 1.67 4.29	40.01 2.08 0.00
HUNTLEY___63 23557	49.74 1.10 0.00	41.59 0.30 0.00	41.96 0.28 0.00	44.78 -0.59 0.00	42.44 -1.02 0.00	40.30 -0.83 0.00	41.45 -1.01 0.00	34.90 -1.72 0.00	34.69 -1.37 0.00	35.50 -1.09 0.00	38.73 -0.70 0.00	44.67 -1.00 0.00	49.08 -1.91 0.00	56.09 -2.68 0.00	51.12 -2.98 0.00	58.72 -4.02 0.00	54.47 -3.93 0.00	43.55 -3.75 0.64	32.49 -3.30 2.18	35.80 -3.32 0.00	39.45 -3.64 0.00	42.02 -3.05 0.00	41.59 -2.48 0.00	36.28 -1.65 0.00
HUNTLEY___64 23558	49.74 1.10 0.00	41.59 0.30 0.00	41.96 0.28 0.00	44.78 -0.59 0.00	42.44 -1.02 0.00	40.30 -0.83 0.00	41.45 -1.01 0.00	34.90 -1.72 0.00	34.69 -1.37 0.00	35.50 -1.09 0.00	38.73 -0.70 0.00	44.67 -1.00 0.00	49.08 -1.91 0.00	56.09 -2.68 0.00	51.12 -2.98 0.00	58.72 -4.02 0.00	54.47 -3.93 0.00	43.55 -3.75 0.64	32.49 -3.30 2.18	35.80 -3.32 0.00	39.45 -3.64 0.00	42.02 -3.05 0.00	41.59 -2.48 0.00	36.28 -1.65 0.00
HUNTLEY___65 23559	49.74 1.10 0.00	41.59 0.30 0.00	41.96 0.28 0.00	44.78 -0.59 0.00	42.44 -1.02 0.00	40.30 -0.83 0.00	41.45 -1.01 0.00	34.90 -1.72 0.00	34.69 -1.37 0.00	35.50 -1.09 0.00	38.73 -0.70 0.00	44.67 -1.00 0.00	49.08 -1.91 0.00	56.09 -2.68 0.00	51.12 -2.98 0.00	58.72 -4.02 0.00	54.47 -3.93 0.00	43.55 -3.75 0.64	32.49 -3.30 2.18	35.80 -3.32 0.00	39.45 -3.64 0.00	42.02 -3.05 0.00	41.59 -2.48 0.00	36.28 -1.65 0.00
HUNTLEY___66 23560	49.74 1.10 0.00	41.59 0.30 0.00	41.96 0.28 0.00	44.78 -0.59 0.00	42.44 -1.02 0.00	40.30 -0.83 0.00	41.45 -1.01 0.00	34.90 -1.72 0.00	34.69 -1.37 0.00	35.50 -1.09 0.00	38.73 -0.70 0.00	44.67 -1.00 0.00	49.08 -1.91 0.00	56.09 -2.68 0.00	51.12 -2.98 0.00	58.72 -4.02 0.00	54.47 -3.93 0.00	43.55 -3.75 0.64	32.49 -3.30 2.18	35.80 -3.32 0.00	39.45 -3.64 0.00	42.02 -3.05 0.00	41.59 -2.48 0.00	36.28 -1.65 0.00
HUNTLEY___67 23561	49.23 0.58 0.00	41.20 -0.09 0.00	41.59 -0.09 0.00	44.43 -0.94 0.00	42.12 -1.34 0.00	40.01 -1.12 0.00	41.15 -1.30 0.00	34.68 -1.94 0.00	34.45 -1.61 0.00	35.23 -1.36 0.00	38.42 -1.01 0.00	44.30 -1.36 0.00	48.73 -2.26 0.00	55.72 -3.05 0.00	50.84 -3.27 0.00	58.49 -4.25 0.00	54.12 -4.28 0.00	43.16 -4.03 0.74	32.30 -3.41 2.26	35.77 -3.35 0.00	39.40 -3.69 0.00	41.83 -3.24 0.00	41.35 -2.72 0.00	36.03 -1.90 0.00
HUNTLEY___68 23562	49.23 0.58 0.00	41.20 -0.09 0.00	41.59 -0.09 0.00	44.43 -0.94 0.00	42.12 -1.34 0.00	40.01 -1.12 0.00	41.15 -1.30 0.00	34.68 -1.94 0.00	34.45 -1.61 0.00	35.23 -1.36 0.00	38.42 -1.01 0.00	44.30 -1.36 0.00	48.73 -2.26 0.00	55.72 -3.05 0.00	50.84 -3.27 0.00	58.49 -4.25 0.00	54.12 -4.28 0.00	43.16 -4.03 0.74	32.30 -3.41 2.26	35.77 -3.35 0.00	39.40 -3.69 0.00	41.83 -3.24 0.00	41.35 -2.72 0.00	36.03 -1.90 0.00

HYLAND___LFGE 323620	52.22 3.58 0.00	43.71 2.42 0.00	43.98 2.30 0.00	47.22 1.85 0.00	44.91 1.45 0.00	42.68 1.55 0.00	44.09 1.64 0.00	37.26 0.64 0.00	36.44 0.39 0.00	37.76 1.18 0.00	40.82 1.39 0.00	46.00 0.34 0.00	49.89 -1.10 0.00	56.82 -1.95 0.00	52.32 -1.79 0.00	60.96 -1.78 0.00	56.23 -2.18 0.00	49.15 -1.42 -2.63	33.36 -1.17 3.44	38.47 -0.65 0.00	42.50 -0.59 0.00	44.68 -0.38 0.00	43.63 -0.44 0.00	38.33 0.39 0.00
INDECK___CORINTH 23802	50.50 1.96 0.10	43.01 1.73 0.00	43.49 1.81 0.00	47.28 1.90 0.00	45.15 1.69 0.00	42.75 1.62 0.00	44.21 1.75 0.00	38.11 1.49 0.00	37.55 1.50 0.00	37.75 1.16 0.00	39.49 0.63 0.57	45.73 0.83 0.76	51.73 1.35 0.61	60.75 1.98 0.00	56.46 2.35 0.00	65.68 2.94 0.00	60.92 2.52 0.00	50.46 2.52 0.00	40.45 2.12 -0.36	41.52 1.94 -0.47	45.30 2.05 -0.17	46.90 1.83 0.00	45.65 1.58 0.00	39.05 1.12 0.00
INDECK___ILION 23567	49.16 0.52 0.00	41.78 0.50 0.00	42.26 0.59 0.00	46.02 0.64 0.00	44.01 0.56 0.00	41.68 0.55 0.00	43.03 0.58 0.00	37.10 0.48 0.00	36.30 0.25 0.00	36.64 0.05 0.00	39.31 -0.12 0.00	45.47 -0.19 0.00	51.07 0.08 0.00	59.44 0.68 0.00	54.75 0.64 0.00	63.63 0.90 0.00	59.17 0.77 0.00	48.93 0.99 0.00	38.83 0.86 0.00	39.96 0.84 0.00	43.84 0.74 0.00	45.73 0.67 0.00	44.58 0.51 0.00	38.24 0.31 0.00
INDECK___OLEAN 23982	48.66 0.02 0.00	40.95 -0.33 0.00	41.35 -0.33 0.00	44.66 -0.72 0.00	42.48 -0.97 0.00	40.38 -0.75 0.00	41.62 -0.84 0.00	35.35 -1.27 0.00	35.05 -1.00 0.00	35.92 -0.67 0.00	39.09 -0.34 0.00	44.99 -0.67 0.00	49.51 -1.48 0.00	56.69 -2.08 0.00	51.85 -2.26 0.00	59.90 -2.84 0.00	55.24 -3.16 0.00	44.88 -2.89 0.18	32.36 -2.51 3.09	36.90 -2.22 0.00	40.64 -2.45 0.00	42.93 -2.14 0.00	42.25 -1.81 0.00	36.70 -1.23 0.00
INDECK___OSWEGO 23783	48.39 -0.93 -0.67	40.46 -0.89 -0.06	41.27 -0.94 -0.53	45.43 -1.13 -1.18	42.33 -1.13 0.00	40.04 -1.09 0.00	41.35 -1.10 0.00	35.64 -0.98 0.00	35.10 -0.95 0.00	35.67 -0.92 0.00	38.52 -0.91 0.00	44.69 -0.98 0.00	49.82 -1.23 -0.06	57.24 -1.78 -0.25	52.34 -1.77 0.00	60.65 -2.13 -0.05	56.41 -1.99 0.00	46.30 -1.64 0.00	36.57 -1.40 0.00	37.72 -1.40 0.00	41.55 -1.55 0.00	43.51 -1.55 0.00	42.78 -1.29 0.00	37.00 -1.02 -0.09
INDECK___YERKES 23781	49.79 1.15 0.00	41.64 0.35 0.00	42.00 0.32 0.00	44.85 -0.52 0.00	42.50 -0.96 0.00	40.34 -0.79 0.00	41.49 -0.97 0.00	34.93 -1.69 0.00	34.73 -1.32 0.00	35.54 -1.05 0.00	38.79 -0.64 0.00	44.75 -0.92 0.00	49.16 -1.83 0.00	56.15 -2.62 0.00	51.16 -2.95 0.00	58.72 -4.02 0.00	54.53 -3.88 0.00	43.62 -3.68 0.64	32.49 -3.31 2.18	35.82 -3.30 0.00	39.46 -3.62 0.00	42.06 -3.01 0.00	41.63 -2.43 0.00	36.32 -1.61 0.00
INDIAN POINT_GT_1 24139	49.73 0.97 -0.11	42.28 1.00 0.00	42.57 0.89 0.00	46.23 0.85 0.00	44.42 0.96 0.00	42.03 0.90 0.00	43.36 0.90 0.00	37.69 1.07 0.00	37.29 1.24 0.00	38.79 1.33 -0.87	41.44 1.36 -0.65	48.17 1.63 -0.87	53.74 2.05 -0.70	61.60 2.83 0.00	56.73 2.63 0.00	65.90 3.17 0.00	61.46 3.06 0.00	50.73 2.79 0.00	42.36 2.09 -2.29	44.07 2.00 -2.96	46.00 1.84 -1.07	46.92 1.86 0.00	45.91 1.84 0.00	39.59 1.66 0.00
INDIAN POINT_GT_2 23659	49.73 0.97 -0.11	42.28 1.00 0.00	42.57 0.89 0.00	46.23 0.85 0.00	44.42 0.96 0.00	42.03 0.90 0.00	43.36 0.90 0.00	37.69 1.07 0.00	37.29 1.24 0.00	38.79 1.33 -0.87	41.44 1.36 -0.65	48.17 1.63 -0.87	53.74 2.05 -0.70	61.60 2.83 0.00	56.73 2.63 0.00	65.90 3.17 0.00	61.46 3.06 0.00	50.73 2.79 0.00	42.36 2.09 -2.29	44.07 2.00 -2.96	46.00 1.84 -1.07	46.92 1.86 0.00	45.91 1.84 0.00	39.59 1.66 0.00
INDIAN POINT_GT_3 24019	49.73 0.97 -0.11	42.28 1.00 0.00	42.57 0.89 0.00	46.23 0.85 0.00	44.42 0.96 0.00	42.03 0.90 0.00	43.36 0.90 0.00	37.69 1.07 0.00	37.29 1.24 0.00	38.79 1.33 -0.87	41.44 1.36 -0.65	48.17 1.63 -0.87	53.74 2.05 -0.70	61.60 2.83 0.00	56.73 2.63 0.00	65.90 3.17 0.00	61.46 3.06 0.00	50.73 2.79 0.00	42.36 2.09 -2.29	44.07 2.00 -2.96	46.00 1.84 -1.07	46.92 1.86 0.00	45.91 1.84 0.00	39.59 1.66 0.00
INDIAN POINT___2 23530	49.65 0.90 -0.11	42.22 0.93 0.00	42.49 0.82 0.00	46.15 0.77 0.00	44.34 0.89 0.00	41.99 0.85 0.00	43.31 0.85 0.00	37.63 1.00 0.00	37.23 1.18 0.00	39.05 1.27 -1.19	41.37 1.30 -0.63	48.07 1.56 -0.85	53.65 1.98 -0.68	61.49 2.72 0.00	56.62 2.51 0.00	65.76 3.02 0.00	61.32 2.92 0.00	50.61 2.67 0.00	42.82 2.01 -2.84	44.68 1.90 -3.66	46.16 1.75 -1.32	46.82 1.76 0.00	45.83 1.76 0.00	39.53 1.59 0.00
INDIAN POINT___3 23531	49.65 0.90 -0.11	42.21 0.93 0.00	42.50 0.83 0.00	46.17 0.79 0.00	44.37 0.91 0.00	42.01 0.88 0.00	43.33 0.87 0.00	37.65 1.03 0.00	37.24 1.19 0.00	38.75 1.27 -0.90	41.39 1.30 -0.66	48.09 1.56 -0.87	53.66 1.97 -0.70	61.50 2.73 0.00	56.63 2.52 0.00	65.78 3.04 0.00	61.34 2.94 0.00	50.63 2.69 0.00	42.34 2.03 -2.34	44.05 1.92 -3.01	45.94 1.76 -1.09	46.84 1.77 0.00	45.83 1.76 0.00	39.52 1.59 0.00
INGHAM_C_115KV_TB7 356103	49.71 1.07 0.00	42.30 1.02 0.00	42.89 1.22 0.00	46.69 1.31 0.00	44.63 1.18 0.00	42.30 1.17 0.00	43.69 1.23 0.00	37.60 0.97 0.00	36.47 0.42 0.00	36.53 -0.06 0.00	38.95 -0.48 0.00	44.97 -0.69 0.00	50.85 -0.14 0.00	60.00 1.23 0.00	55.23 1.13 0.00	64.47 1.74 0.00	59.84 1.43 0.00	49.91 1.97 0.00	39.73 1.76 0.00	40.84 1.72 0.00	44.64 1.55 0.00	46.44 1.37 0.00	45.11 1.04 0.00	38.56 0.63 0.00
IP CORINTH___1 23988	50.80 2.26 0.10	43.25 1.96 0.00	43.71 2.03 0.00	47.52 2.14 0.00	45.37 1.92 0.00	42.96 1.83 0.00	44.42 1.96 0.00	38.29 1.67 0.00	37.73 1.68 0.00	37.94 1.35 0.00	39.71 0.85 0.57	46.00 1.10 0.76	52.01 1.64 0.61	61.07 2.30 0.00	56.75 2.65 0.00	66.01 3.28 0.00	61.25 2.85 0.00	50.72 2.78 0.00	40.66 2.33 -0.36	41.73 2.15 -0.47	45.55 2.29 -0.17	47.15 2.09 0.00	45.89 1.82 0.00	39.27 1.33 0.00
IP___TICONDEROGA 23804	54.52 5.98 0.10	46.37 5.08 0.00	46.49 4.81 0.00	50.48 5.11 0.00	48.06 4.60 0.00	45.62 4.49 0.00	47.25 4.79 0.00	40.44 3.82 0.00	39.86 3.81 0.00	39.65 3.07 0.00	41.41 2.57 0.59	48.29 3.41 0.78	54.91 4.55 0.63	64.61 5.84 0.00	60.45 6.34 0.00	70.95 8.21 0.00	65.19 6.79 0.00	54.30 6.36 0.00	43.36 5.02 -0.37	44.40 4.81 -0.47	48.49 5.23 -0.17	49.94 4.88 0.00	48.53 4.47 0.00	41.33 3.40 0.00
ISLIP_RES_REC 323679	50.86 2.11 -0.12	43.43 2.14 0.00	43.86 2.18 0.00	48.15 2.31 -0.47	46.33 2.33 -0.53	43.31 2.17 0.00	44.53 2.07 0.00	39.89 2.26 -1.01	42.41 2.46 -3.90	50.52 2.51 -11.42	50.53 2.42 -8.68	50.28 2.78 -1.85	64.79 3.20 -10.60	78.09 4.28 -15.03	86.75 3.96 -28.69	80.66 4.51 -13.42	85.92 4.40 -23.12	99.31 3.81 -47.56	41.58 2.49 -1.12	43.09 2.28 -1.70	46.13 2.07 -0.97	46.99 2.51 0.58	42.16 2.23 4.13	40.47 2.54 0.00

JAMAICA__27_KV_LOAD 355505	50.35 1.59 -0.12	42.80 1.51 0.00	43.02 1.34 0.00	46.64 1.26 0.00	44.79 1.33 0.00	42.44 1.31 0.00	43.75 1.29 0.00	38.10 1.48 0.00	37.84 1.79 0.00	39.25 1.92 -0.74	42.05 1.95 -0.67	48.82 2.27 -0.89	54.41 2.71 -0.72	62.36 3.59 0.00	57.40 3.30 0.00	66.82 4.09 0.00	62.32 3.92 0.00	51.45 3.51 0.00	42.74 2.67 -2.10	44.44 2.62 -2.71	46.51 2.45 -0.98	47.55 2.48 0.00	46.70 2.63 0.00	40.33 2.40 0.00
JANIS__SOLAR 323808	51.07 2.29 -0.14	43.03 1.74 -0.01	43.43 1.65 -0.11	47.26 1.65 -0.24	44.91 1.45 0.00	42.58 1.44 0.00	43.93 1.48 0.00	37.67 1.05 0.00	36.76 0.71 0.00	37.09 0.51 0.00	40.19 0.75 0.00	47.08 1.42 0.00	52.89 1.89 -0.01	61.00 2.18 -0.05	55.40 1.29 0.00	63.94 1.20 -0.01	59.54 1.14 0.00	49.52 1.41 -0.17	45.55 1.44 -6.14	40.66 1.54 0.00	44.78 1.69 0.00	46.65 1.58 0.00	45.53 1.46 0.00	38.96 1.00 -0.02
JARVIS____ 23743	48.60 -0.04 0.00	41.29 0.00 0.00	41.69 0.01 0.00	45.39 0.01 0.00	43.46 0.00 0.00	41.13 0.00 0.00	42.46 0.00 0.00	36.66 0.04 0.00	36.05 0.00 0.00	36.58 -0.01 0.00	39.37 -0.06 0.00	45.60 -0.06 0.00	50.99 0.00 0.00	58.81 0.04 0.00	54.18 0.08 0.00	62.80 0.06 0.00	58.46 0.06 0.00	48.08 0.14 0.00	38.09 0.11 0.00	39.20 0.08 0.00	43.13 0.04 0.00	45.10 0.04 0.00	44.07 0.01 0.00	37.93 0.00 0.00
JENNISON____1 23625	50.94 2.20 -0.10	42.99 1.70 -0.01	43.42 1.67 -0.08	47.30 1.76 -0.17	45.05 1.59 0.00	42.72 1.58 0.00	44.07 1.61 0.00	37.84 1.22 0.00	37.15 1.10 0.00	37.67 1.09 0.00	40.83 1.40 0.00	47.45 1.79 0.00	53.17 2.17 -0.01	61.43 2.63 -0.04	56.32 2.22 0.00	65.00 2.26 -0.01	60.48 2.08 0.00	49.82 1.88 0.00	40.75 1.50 -1.27	40.20 1.08 0.00	44.61 1.52 0.00	46.57 1.51 0.00	45.51 1.45 0.00	38.73 0.78 -0.01
JENNISON____2 23626	50.94 2.20 -0.10	42.99 1.70 -0.01	43.42 1.67 -0.08	47.30 1.76 -0.17	45.05 1.59 0.00	42.72 1.58 0.00	44.07 1.61 0.00	37.84 1.22 0.00	37.15 1.10 0.00	37.67 1.09 0.00	40.83 1.40 0.00	47.45 1.79 0.00	53.17 2.17 -0.01	61.43 2.63 -0.04	56.32 2.22 0.00	65.00 2.26 -0.01	60.48 2.08 0.00	49.82 1.88 0.00	40.75 1.50 -1.27	40.20 1.08 0.00	44.61 1.52 0.00	46.57 1.51 0.00	45.51 1.45 0.00	38.73 0.78 -0.01
JERICOHO_RISE_WT_PWR 323719	48.71 0.07 0.00	41.16 -0.13 0.00	41.38 -0.30 0.00	45.23 -0.15 0.00	43.51 0.05 0.00	41.19 0.06 0.00	42.45 -0.01 0.00	36.65 0.03 0.00	36.25 0.20 0.00	36.84 0.25 0.00	39.82 0.38 0.00	45.94 0.27 0.00	51.35 0.36 0.00	58.74 -0.03 0.00	53.83 -0.28 0.00	62.83 0.09 0.00	58.69 0.28 0.00	47.93 -0.01 0.00	38.07 0.10 0.00	39.42 0.30 0.00	43.69 0.61 0.00	45.69 0.62 0.00	44.62 0.56 0.00	38.41 0.47 0.00
KATONAH__115KV_46KV_TB4 355592	50.05 1.29 -0.12	42.55 1.27 0.00	42.85 1.17 0.00	46.51 1.14 0.00	44.64 1.18 0.00	42.27 1.13 0.00	43.61 1.15 0.00	37.89 1.27 0.00	37.53 1.47 0.00	38.66 1.58 -0.49	41.77 1.67 -0.67	48.59 2.04 -0.89	54.23 2.52 -0.72	62.23 3.46 0.00	57.34 3.23 0.00	66.60 3.87 0.00	62.10 3.70 0.00	51.26 3.32 0.00	42.08 2.49 -1.62	43.61 2.41 -2.08	46.13 2.29 -0.75	47.34 2.27 0.00	46.27 2.20 0.00	39.86 1.93 0.00
KCE_NY_1 323755	50.53 1.99 0.10	43.07 1.78 0.00	43.65 1.97 0.00	47.41 2.04 0.00	45.29 1.84 0.00	42.86 1.73 0.00	44.29 1.84 0.00	38.18 1.56 0.00	37.59 1.54 0.00	37.91 1.33 0.00	39.97 1.15 0.61	46.11 1.26 0.81	52.02 1.68 0.65	61.14 2.37 0.00	56.70 2.60 0.00	65.81 3.07 0.00	61.23 2.83 0.00	50.55 2.62 0.00	40.41 2.07 -0.37	41.58 1.98 -0.48	45.33 2.07 -0.17	46.95 1.89 0.00	45.90 1.84 0.00	39.28 1.34 0.00
KCE_NY_6_ESR 323823	49.69 1.05 0.00	41.57 0.28 0.00	41.94 0.26 0.00	44.87 -0.50 0.00	42.51 -0.95 0.00	40.41 -0.73 0.00	41.58 -0.88 0.00	35.07 -1.55 0.00	34.80 -1.25 0.00	35.62 -0.97 0.00	38.87 -0.56 0.00	44.84 -0.82 0.00	49.37 -1.62 0.00	56.50 -2.27 0.00	51.56 -2.55 0.00	59.34 -3.39 0.00	54.87 -3.54 0.00	43.78 -3.39 0.77	32.60 -2.93 2.44	36.32 -2.80 0.00	39.97 -3.12 0.00	42.38 -2.68 0.00	41.85 -2.22 0.00	36.42 -1.52 0.00
KEDC_PORT_JEFF_GT2 24210	50.42 1.66 -0.12	43.12 1.83 0.00	43.54 1.86 0.00	47.83 1.98 -0.47	46.02 2.03 -0.53	43.01 1.88 0.00	44.22 1.77 0.00	39.62 2.00 -1.01	42.15 2.19 -3.90	50.23 2.22 -11.42	50.17 2.07 -8.66	49.86 2.36 -1.85	64.10 2.69 -10.42	77.04 3.58 -14.69	86.06 3.26 -28.69	79.54 3.38 -13.42	84.22 3.32 -22.50	98.37 2.92 -47.51	40.74 1.78 -0.99	42.22 1.54 -1.56	45.35 1.29 -0.97	46.38 1.91 0.60	41.40 1.72 4.39	40.08 2.15 0.00
KEDC_PORT_JEFF_GT3 24211	50.42 1.66 -0.12	43.12 1.83 0.00	43.54 1.86 0.00	47.83 1.98 -0.47	46.02 2.03 -0.53	43.01 1.88 0.00	44.22 1.77 0.00	39.62 2.00 -1.01	42.15 2.19 -3.90	50.23 2.22 -11.42	50.17 2.07 -8.66	49.86 2.36 -1.85	64.10 2.69 -10.42	77.04 3.58 -14.69	86.06 3.26 -28.69	79.54 3.38 -13.42	84.22 3.32 -22.50	98.37 2.92 -47.51	40.74 1.78 -0.99	42.22 1.54 -1.56	45.35 1.29 -0.97	46.38 1.91 0.60	41.40 1.72 4.39	40.08 2.15 0.00
KEDC_GLWD_GT4 24219	50.64 1.89 -0.12	43.07 1.78 0.00	43.41 1.73 0.00	47.61 1.76 -0.47	45.78 1.79 -0.53	42.83 1.70 0.00	44.14 1.68 0.00	39.44 1.81 -1.01	41.95 2.00 -3.90	50.14 2.13 -11.42	50.91 2.24 -9.23	50.18 2.67 -1.85	66.09 3.15 -11.95	80.45 4.10 -17.59	86.32 3.53 -28.69	80.32 4.17 -13.42	90.64 4.21 -28.02	101.06 3.49 -49.63	42.45 2.39 -2.09	44.09 2.27 -2.70	46.19 2.13 -0.97	47.60 2.34 -0.20	52.86 2.42 -6.37	40.26 2.33 0.00
KEDC_GLWD_GT5 24220	50.64 1.89 -0.12	43.07 1.78 0.00	43.41 1.73 0.00	47.61 1.76 -0.47	45.78 1.79 -0.53	42.83 1.70 0.00	44.14 1.68 0.00	39.44 1.81 -1.01	41.95 2.00 -3.90	50.14 2.13 -11.42	50.91 2.24 -9.23	50.18 2.67 -1.85	66.09 3.15 -11.95	80.45 4.10 -17.59	86.32 3.53 -28.69	80.32 4.17 -13.42	90.64 4.21 -28.02	101.06 3.49 -49.63	42.45 2.39 -2.09	44.09 2.27 -2.70	46.19 2.13 -0.97	47.60 2.34 -0.20	52.86 2.42 -6.37	40.26 2.33 0.00
KENSICO____ 23655	49.89 1.13 -0.12	42.43 1.15 0.00	42.73 1.05 0.00	46.38 1.01 0.00	44.55 1.09 0.00	42.18 1.04 0.00	43.50 1.05 0.00	37.81 1.19 0.00	37.43 1.38 0.00	38.86 1.48 -0.79	41.64 1.54 -0.67	48.37 1.82 -0.89	53.95 2.25 -0.71	61.85 3.08 0.00	56.95 2.85 0.00	66.16 3.42 0.00	61.71 3.30 0.00	50.93 2.99 0.00	42.39 2.24 -2.17	44.07 2.15 -2.80	46.11 2.01 -1.01	47.09 2.02 0.00	46.08 2.01 0.00	39.76 1.83 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	50.47 1.76 -0.07	42.80 1.52 0.00	43.04 1.36 0.00	46.71 1.34 0.00	44.82 1.36 0.00	42.41 1.28 0.00	43.75 1.30 0.00	37.97 1.35 0.00	37.55 1.50 0.00	38.00 1.57 0.16	41.52 1.69 -0.40	48.31 2.11 -0.54	54.34 2.92 -0.43	62.42 3.65 0.00	57.49 3.38 0.00	66.96 4.22 0.00	62.44 4.04 0.00	51.39 3.45 0.00	38.17 2.63 2.43	40.60 2.68 1.19	45.47 2.64 0.26	47.69 2.62 0.00	46.52 2.45 0.00	39.93 1.99 0.00

KIAC_JFK_GT1 23816	50.00 1.24 -0.12	42.54 1.25 0.00	42.75 1.08 0.00	46.34 0.97 0.00	44.53 1.07 0.00	42.19 1.06 0.00	43.49 1.04 0.00	37.88 1.26 0.00	37.63 1.57 0.00	39.03 1.70 -0.74	41.75 1.65 -0.67	48.40 1.85 -0.89	53.95 2.24 -0.72	61.81 3.04 0.00	56.90 2.79 0.00	66.23 3.49 0.00	61.77 3.37 0.00	50.99 3.05 0.00	42.37 2.30 -2.10	44.06 2.23 -2.71	46.10 2.03 -0.98	47.11 2.05 0.00	46.27 2.20 0.00	39.97 2.03 0.00
KIAC_JFK_GT2 23817	50.00 1.24 -0.12	42.54 1.25 0.00	42.75 1.08 0.00	46.34 0.97 0.00	44.53 1.07 0.00	42.19 1.06 0.00	43.49 1.04 0.00	37.88 1.26 0.00	37.63 1.57 0.00	39.03 1.70 -0.74	41.75 1.65 -0.67	48.40 1.85 -0.89	53.95 2.24 -0.72	61.81 3.04 0.00	56.90 2.79 0.00	66.23 3.49 0.00	61.77 3.37 0.00	50.99 3.05 0.00	42.37 2.30 -2.10	44.06 2.23 -2.71	46.10 2.03 -0.98	47.11 2.05 0.00	46.27 2.20 0.00	39.97 2.03 0.00
KIAC_JFK____ 323774	50.00 1.24 -0.12	42.54 1.25 0.00	42.75 1.08 0.00	46.34 0.97 0.00	44.53 1.07 0.00	42.19 1.06 0.00	43.49 1.04 0.00	37.88 1.26 0.00	37.63 1.57 0.00	39.03 1.70 -0.74	41.76 1.66 -0.67	48.39 1.85 -0.89	53.94 2.23 -0.72	61.81 3.04 0.00	56.89 2.79 0.00	66.22 3.49 0.00	61.76 3.36 0.00	50.99 3.05 0.00	42.37 2.30 -2.10	44.06 2.23 -2.71	46.09 2.03 -0.98	47.11 2.04 0.00	46.27 2.20 0.00	39.97 2.03 0.00
KINTIGH__24_KV_GSU 356498	49.05 0.41 0.00	41.17 -0.11 0.00	41.55 -0.13 0.00	44.52 -0.86 0.00	42.28 -1.18 0.00	40.13 -1.01 0.00	41.31 -1.15 0.00	34.99 -1.64 0.00	34.70 -1.35 0.00	35.46 -1.13 0.00	38.58 -0.85 0.00	44.54 -1.12 0.00	49.06 -1.93 0.00	56.17 -2.60 0.00	51.33 -2.77 0.00	59.09 -3.64 0.00	54.73 -3.67 0.00	44.12 -3.44 0.38	33.39 -2.90 1.69	36.27 -2.84 0.00	39.96 -3.13 0.00	42.30 -2.76 0.00	41.72 -2.35 0.00	36.30 -1.63 0.00
KINTIGH____ 23543	49.02 0.37 0.00	41.14 -0.15 0.00	41.52 -0.16 0.00	44.48 -0.90 0.00	42.25 -1.21 0.00	40.09 -1.04 0.00	41.28 -1.18 0.00	34.96 -1.67 0.00	34.68 -1.37 0.00	35.43 -1.16 0.00	38.54 -0.89 0.00	44.48 -1.18 0.00	49.01 -1.98 0.00	56.11 -2.66 0.00	51.28 -2.82 0.00	59.06 -3.68 0.00	54.68 -3.72 0.00	44.07 -3.49 0.38	33.35 -2.93 1.69	36.23 -2.89 0.00	39.90 -3.19 0.00	42.25 -2.81 0.00	41.68 -2.39 0.00	36.27 -1.67 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	49.33 0.69 0.00	41.65 0.36 0.00	41.88 0.20 0.00	45.68 0.30 0.00	43.93 0.47 0.00	41.61 0.48 0.00	42.93 0.47 0.00	37.03 0.40 0.00	36.59 0.54 0.00	37.15 0.56 0.00	40.14 0.70 0.00	46.27 0.61 0.00	51.86 0.87 0.00	59.36 0.59 0.00	54.36 0.26 0.00	63.27 0.54 0.00	59.08 0.68 0.00	48.34 0.40 0.00	38.36 0.39 0.00	39.74 0.62 0.00	44.10 1.01 0.00	46.04 0.97 0.00	44.92 0.85 0.00	38.65 0.72 0.00
LACHUTE____HYDRO 323717	54.52 5.98 0.10	46.37 5.08 0.00	46.49 4.81 0.00	50.48 5.11 0.00	48.06 4.60 0.00	45.62 4.49 0.00	47.24 4.79 0.00	40.44 3.82 0.00	39.86 3.81 0.00	39.65 3.07 0.00	41.41 2.57 0.59	48.29 3.41 0.78	54.91 4.55 0.63	64.61 5.84 0.00	60.45 6.34 0.00	70.95 8.21 0.00	65.19 6.79 0.00	54.30 6.37 0.00	43.35 5.02 -0.37	44.40 4.81 -0.47	48.49 5.23 -0.17	49.94 4.88 0.00	48.53 4.47 0.00	41.33 3.40 0.00
LAWRNCALV_115KV_TB1 80681	49.86 1.22 0.00	42.14 0.85 0.00	42.40 0.72 0.00	46.38 1.00 0.00	44.53 1.07 0.00	42.07 0.94 0.00	43.43 0.98 0.00	37.40 0.78 0.00	36.84 0.78 0.00	37.52 0.93 0.00	40.54 1.11 0.00	47.02 1.36 0.00	52.34 1.35 0.00	59.75 0.98 0.00	54.73 0.62 0.00	63.80 1.06 0.00	59.55 1.15 0.00	48.11 0.17 0.00	38.32 0.35 0.00	39.91 0.79 0.00	44.35 1.26 0.00	46.46 1.39 0.00	45.42 1.35 0.00	38.82 0.89 0.00
LEDERLE____ 23769	49.98 1.24 -0.11	42.46 1.18 0.00	42.73 1.05 0.00	46.40 1.02 0.00	44.62 1.16 0.00	42.24 1.11 0.00	43.56 1.11 0.00	37.84 1.22 0.00	37.45 1.40 0.00	36.85 1.50 1.24	41.64 1.58 -0.62	48.43 1.94 -0.83	54.11 2.46 -0.67	62.07 3.30 0.00	57.17 3.07 0.00	66.42 3.68 0.00	61.91 3.51 0.00	51.09 3.15 0.00	37.28 2.38 3.07	37.43 2.27 3.96	43.80 2.14 1.43	47.21 2.15 0.00	46.18 2.12 0.00	39.78 1.85 0.00
LIGHTHSE_115KV_TB6 355974	49.35 0.37 -0.34	41.43 0.11 -0.03	41.92 -0.02 -0.27	45.88 -0.09 -0.59	43.22 -0.23 0.00	40.76 -0.37 0.00	42.17 -0.28 0.00	36.46 -0.16 0.00	36.02 -0.04 0.00	36.66 0.07 0.00	39.50 0.07 0.00	45.93 0.27 0.00	51.14 0.11 -0.03	58.55 -0.34 -0.13	53.59 -0.51 0.00	62.28 -0.48 -0.02	58.21 -0.19 0.00	47.52 -0.41 0.00	37.43 -0.54 0.00	38.77 -0.35 0.00	42.92 -0.18 0.00	45.03 -0.03 0.00	44.08 0.02 0.00	37.94 -0.04 -0.05
LINDEN COGEN____ 23786	49.13 0.94 0.45	42.32 1.03 0.00	42.54 0.86 0.00	46.14 0.76 0.00	44.32 0.86 0.00	41.97 0.84 0.00	43.29 0.83 0.00	37.70 1.07 0.00	37.39 1.34 0.00	38.80 1.48 -0.74	41.67 1.57 -0.67	48.35 1.82 -0.87	50.61 2.18 2.55	61.57 3.00 0.19	56.73 2.75 0.13	66.12 3.39 0.00	61.69 3.29 0.00	50.93 2.99 0.00	42.37 2.30 -2.10	44.03 2.21 -2.71	46.08 2.02 -0.98	47.08 2.01 0.00	46.15 2.09 0.00	39.86 1.93 0.00
LINDHRST_69_KV_BK1 356055	51.14 2.39 -0.12	43.59 2.30 0.00	43.98 2.30 0.00	48.28 2.43 -0.47	46.43 2.44 -0.53	43.42 2.28 0.00	44.66 2.20 0.00	39.97 2.34 -1.01	42.46 2.51 -3.90	50.61 2.60 -11.42	50.85 2.56 -8.86	50.42 2.92 -1.84	65.72 3.32 -11.41	79.71 4.38 -16.56	86.83 4.03 -28.69	80.77 4.62 -13.42	88.84 4.47 -25.97	100.13 3.91 -48.27	42.26 2.58 -1.70	43.86 2.44 -2.30	46.36 2.30 -0.97	47.42 2.68 0.32	45.86 2.51 0.72	40.59 2.65 0.00
LIPA_MISC_IPP 23656	50.28 1.52 -0.12	42.93 1.64 0.00	43.36 1.68 0.00	47.61 1.76 -0.47	45.81 1.82 -0.53	42.81 1.68 0.00	44.02 1.56 0.00	39.47 1.84 -1.01	41.99 2.03 -3.90	50.04 2.04 -11.42	49.91 1.82 -8.66	49.52 2.02 -1.84	64.13 2.30 -10.84	77.46 3.22 -15.47	85.81 3.02 -28.69	79.59 3.44 -13.42	85.70 3.40 -23.90	98.43 3.00 -47.49	41.10 1.84 -1.29	42.62 1.63 -1.87	45.43 1.37 -0.97	46.27 1.81 0.60	41.18 1.61 4.50	39.93 2.00 0.00
LISF____SOLAR 323691	50.38 1.62 -0.12	43.02 1.73 0.00	43.44 1.76 0.00	47.70 1.85 -0.47	45.90 1.90 -0.53	42.89 1.76 0.00	44.10 1.65 0.00	39.54 1.91 -1.01	42.06 2.10 -3.90	50.11 2.10 -11.42	49.98 1.88 -8.66	49.58 2.07 -1.85	64.14 2.37 -10.78	77.46 3.33 -15.37	85.91 3.12 -28.69	79.76 3.61 -13.42	85.68 3.57 -23.70	98.59 3.15 -47.50	41.18 1.96 -1.25	42.69 1.75 -1.82	45.56 1.50 -0.97	46.40 1.94 0.60	41.31 1.70 4.46	40.04 2.10 0.00
LITTLE FALLS____HYD 24013	49.71 1.07 0.00	42.30 1.02 0.00	42.89 1.22 0.00	46.69 1.31 0.00	44.63 1.18 0.00	42.30 1.17 0.00	43.69 1.23 0.00	37.60 0.97 0.00	36.47 0.42 0.00	36.53 -0.06 0.00	38.95 -0.48 0.00	44.97 -0.69 0.00	50.85 -0.14 0.00	60.00 1.23 0.00	55.23 1.13 0.00	64.47 1.74 0.00	59.84 1.43 0.00	49.91 1.97 0.00	39.73 1.76 0.00	40.84 1.72 0.00	44.64 1.55 0.00	46.44 1.37 0.00	45.11 1.04 0.00	38.56 0.63 0.00

LITTLRIV_115KV_TB1 356100	50.77 2.08 -0.04	42.84 1.55 0.00	43.15 1.44 -0.03	47.23 1.77 -0.08	45.27 1.81 0.00	42.78 1.65 0.00	44.17 1.71 0.00	37.95 1.33 0.00	37.21 1.16 0.00	38.01 1.42 0.00	41.12 1.69 0.00	47.81 2.15 0.00	53.20 2.20 0.00	60.62 1.84 -0.02	55.51 1.41 0.00	64.63 1.89 0.00	60.31 1.91 0.00	48.44 0.50 0.00	38.59 0.61 0.00	40.40 1.28 0.00	45.08 1.99 0.00	47.25 2.19 0.00	46.15 2.08 0.00	39.48 1.54 -0.01
LI_NEWBRDGE___DRP 323616	50.52 1.77 -0.12	43.03 1.74 0.00	43.40 1.73 0.00	47.65 1.80 -0.47	45.84 1.85 -0.53	42.87 1.74 0.00	44.13 1.68 0.00	39.46 1.83 -1.01	41.95 1.99 -3.90	50.07 2.06 -11.42	49.99 2.02 -8.53	49.84 2.33 -1.84	65.60 2.66 -11.95	79.94 3.58 -17.58	86.11 3.32 -28.69	79.97 3.81 -13.42	89.67 3.72 -27.55	98.12 3.16 -47.03	42.02 1.95 -2.09	43.63 1.82 -2.69	45.71 1.65 -0.97	46.31 2.00 0.75	39.09 1.88 6.85	39.98 2.05 0.00
LOCKPORT_115KV_TB60_63_64 80432	49.23 0.59 0.00	41.21 -0.08 0.00	41.64 -0.04 0.00	44.45 -0.93 0.00	42.12 -1.34 0.00	40.00 -1.13 0.00	41.15 -1.31 0.00	34.55 -2.07 0.00	34.33 -1.72 0.00	35.14 -1.45 0.00	38.28 -1.15 0.00	44.13 -1.54 0.00	48.33 -2.65 0.00	55.22 -3.55 0.00	50.46 -3.64 0.00	57.98 -4.76 0.00	53.63 -4.77 0.00	42.93 -4.46 0.55	32.30 -3.66 2.01	35.38 -3.74 0.00	39.01 -4.08 0.00	41.50 -3.56 0.00	41.08 -2.99 0.00	35.95 -1.98 0.00
LOCKPORT___CC1 323769	49.08 0.44 0.00	41.06 -0.22 0.00	41.49 -0.18 0.00	44.30 -1.07 0.00	41.98 -1.48 0.00	39.86 -1.28 0.00	41.00 -1.46 0.00	34.45 -2.17 0.00	34.22 -1.83 0.00	35.03 -1.56 0.00	38.17 -1.26 0.00	44.01 -1.65 0.00	48.24 -2.75 0.00	55.10 -3.67 0.00	50.33 -3.78 0.00	57.83 -4.90 0.00	53.46 -4.94 0.00	42.74 -4.60 0.60	32.12 -3.81 2.04	35.31 -3.81 0.00	38.91 -4.18 0.00	41.40 -3.66 0.00	40.96 -3.11 0.00	35.91 -2.02 0.00
LOCKPORT___CC2 323770	49.08 0.44 0.00	41.06 -0.22 0.00	41.49 -0.18 0.00	44.30 -1.07 0.00	41.98 -1.48 0.00	39.86 -1.28 0.00	41.00 -1.46 0.00	34.45 -2.17 0.00	34.22 -1.83 0.00	35.03 -1.56 0.00	38.17 -1.26 0.00	44.01 -1.65 0.00	48.24 -2.75 0.00	55.10 -3.67 0.00	50.33 -3.78 0.00	57.83 -4.90 0.00	53.46 -4.94 0.00	42.74 -4.60 0.60	32.12 -3.81 2.04	35.31 -3.81 0.00	38.91 -4.18 0.00	41.40 -3.66 0.00	40.96 -3.11 0.00	35.91 -2.02 0.00
LOCKPORT___CC3 323771	49.08 0.44 0.00	41.06 -0.22 0.00	41.49 -0.18 0.00	44.30 -1.07 0.00	41.98 -1.48 0.00	39.86 -1.28 0.00	41.00 -1.46 0.00	34.45 -2.17 0.00	34.22 -1.83 0.00	35.03 -1.56 0.00	38.17 -1.26 0.00	44.01 -1.65 0.00	48.24 -2.75 0.00	55.10 -3.67 0.00	50.33 -3.78 0.00	57.83 -4.90 0.00	53.46 -4.94 0.00	42.74 -4.60 0.60	32.12 -3.81 2.04	35.31 -3.81 0.00	38.91 -4.18 0.00	41.40 -3.66 0.00	40.96 -3.11 0.00	35.91 -2.02 0.00
LOCUSVLY_69_KV_BK2 55797	50.82 2.06 -0.12	43.24 1.95 0.00	43.59 1.91 0.00	47.81 1.96 -0.47	45.98 1.98 -0.53	42.99 1.86 0.00	44.31 1.85 0.00	39.60 1.97 -1.01	42.11 2.16 -3.90	50.30 2.30 -11.42	50.90 2.37 -9.10	50.34 2.84 -1.84	66.21 3.28 -11.95	80.71 4.36 -17.58	86.73 3.94 -28.69	80.80 4.65 -13.42	90.90 4.56 -27.93	100.92 3.84 -49.14	42.63 2.56 -2.09	44.25 2.43 -2.70	46.37 2.30 -0.97	47.59 2.52 0.00	50.39 2.45 -3.87	40.37 2.44 0.00
LONG_LAKE_PHOENIX 24014	48.52 -0.63 -0.51	40.69 -0.64 -0.04	41.38 -0.70 -0.40	45.38 -0.90 -0.90	42.55 -0.91 0.00	40.30 -0.84 0.00	41.59 -0.87 0.00	35.80 -0.82 0.00	35.26 -0.80 0.00	35.82 -0.76 0.00	38.71 -0.72 0.00	44.92 -0.74 0.00	50.14 -0.89 -0.05	57.82 -1.14 -0.19	53.05 -1.05 0.00	61.50 -1.28 -0.04	57.18 -1.22 0.00	46.97 -0.97 0.00	37.08 -0.89 0.00	38.23 -0.89 0.00	42.06 -1.03 0.00	44.00 -1.06 0.00	43.05 -1.02 0.00	37.15 -0.85 -0.07
LOVETT___3 23632	49.58 0.83 -0.11	42.16 0.87 0.00	42.44 0.76 0.00	46.10 0.72 0.00	44.33 0.87 0.00	41.98 0.84 0.00	43.29 0.83 0.00	37.62 1.00 0.00	37.20 1.15 0.00	36.49 1.23 1.33	41.31 1.25 -0.63	48.02 1.52 -0.84	53.60 1.94 -0.68	61.45 2.68 0.00	56.58 2.47 0.00	65.73 2.99 0.00	61.28 2.88 0.00	50.58 2.64 0.00	36.75 1.99 3.22	36.85 1.88 4.15	43.31 1.71 1.50	46.78 1.71 0.00	45.78 1.71 0.00	39.48 1.54 0.00
LOVETT___4 23642	49.58 0.83 -0.11	42.16 0.87 0.00	42.44 0.76 0.00	46.10 0.72 0.00	44.33 0.87 0.00	41.98 0.84 0.00	43.29 0.83 0.00	37.62 1.00 0.00	37.20 1.15 0.00	36.49 1.23 1.33	41.31 1.25 -0.63	48.02 1.52 -0.84	53.60 1.94 -0.68	61.45 2.68 0.00	56.58 2.47 0.00	65.73 2.99 0.00	61.28 2.88 0.00	50.58 2.64 0.00	36.75 1.99 3.22	36.85 1.88 4.15	43.31 1.71 1.50	46.78 1.71 0.00	45.78 1.71 0.00	39.48 1.54 0.00
LOVETT___5 23593	49.58 0.83 -0.11	42.16 0.87 0.00	42.44 0.76 0.00	46.10 0.72 0.00	44.33 0.87 0.00	41.98 0.84 0.00	43.29 0.83 0.00	37.62 1.00 0.00	37.20 1.15 0.00	36.49 1.23 1.33	41.31 1.25 -0.63	48.02 1.52 -0.84	53.60 1.94 -0.68	61.45 2.68 0.00	56.58 2.47 0.00	65.73 2.99 0.00	61.28 2.88 0.00	50.58 2.64 0.00	36.75 1.99 3.22	36.85 1.88 4.15	43.31 1.71 1.50	46.78 1.71 0.00	45.78 1.71 0.00	39.48 1.54 0.00
LOWER RAQUET___HYD 24057	49.96 1.27 -0.05	42.17 0.88 0.00	42.45 0.73 -0.04	46.50 1.04 -0.08	44.54 1.08 0.00	42.08 0.94 0.00	43.45 0.99 0.00	37.41 0.79 0.00	36.85 0.79 0.00	37.55 0.96 0.00	40.57 1.14 0.00	47.07 1.41 0.00	52.41 1.42 -0.01	59.79 1.01 -0.02	54.74 0.63 0.00	63.82 1.08 0.00	59.61 1.21 0.00	48.12 0.18 0.00	38.32 0.34 0.00	39.94 0.82 0.00	44.41 1.32 0.00	46.54 1.48 0.00	45.49 1.42 0.00	38.88 0.94 -0.01
LOWER___HUDSON 24059	49.41 0.90 0.13	42.24 0.95 0.00	42.80 1.12 0.00	46.56 1.19 0.00	44.54 1.08 0.00	42.16 1.03 0.00	43.57 1.12 0.00	37.63 1.01 0.00	37.08 1.03 0.00	37.43 0.84 0.00	39.25 0.61 0.79	45.14 0.52 1.05	50.92 0.77 0.84	60.05 1.28 0.00	55.62 1.51 0.00	64.43 1.70 0.00	59.91 1.50 0.00	49.61 1.67 0.00	39.72 1.34 -0.41	40.85 1.20 -0.53	44.45 1.17 -0.19	46.13 1.06 0.00	45.01 0.94 0.00	38.68 0.75 0.00
LOWVILLE_115KV_TB2 356335	50.66 1.92 -0.10	42.67 1.38 -0.01	42.83 1.07 -0.08	46.85 1.30 -0.18	44.42 0.96 0.00	41.59 0.46 0.00	43.20 0.74 0.00	37.55 0.93 0.00	37.31 1.26 0.00	38.03 1.45 0.00	40.89 1.46 0.00	47.61 1.95 0.00	52.97 1.97 -0.01	60.04 1.23 -0.04	54.71 0.60 0.00	63.90 1.16 -0.01	60.41 2.00 0.00	49.26 1.32 0.00	38.79 0.82 0.00	40.24 1.12 0.00	44.84 1.75 0.00	47.08 2.02 0.00	45.99 1.92 0.00	39.44 1.49 -0.01
LUTHERFT_115KV_GLOB_FND_222 355753	50.47 1.93 0.10	43.02 1.74 0.00	43.53 1.85 0.00	47.33 1.96 0.00	45.25 1.79 0.00	42.83 1.69 0.00	44.26 1.80 0.00	38.15 1.53 0.00	37.56 1.51 0.00	37.89 1.30 0.00	39.92 1.09 0.61	46.07 1.22 0.81	51.97 1.63 0.65	61.07 2.30 0.00	56.62 2.51 0.00	65.71 2.97 0.00	61.11 2.71 0.00	50.51 2.57 0.00	40.39 2.05 -0.37	41.53 1.94 -0.48	45.27 2.00 -0.17	46.94 1.87 0.00	45.80 1.73 0.00	39.26 1.33 0.00

LUTHERNY_35_KV_BK2 355980	50.53 1.99 0.10	43.07 1.78 0.00	43.65 1.97 0.00	47.41 2.03 0.00	45.29 1.84 0.00	42.86 1.73 0.00	44.29 1.84 0.00	38.18 1.56 0.00	37.59 1.54 0.00	37.91 1.32 0.00	39.97 1.15 0.61	46.12 1.27 0.81	52.02 1.69 0.65	61.14 2.37 0.00	56.70 2.60 0.00	65.81 3.07 0.00	61.23 2.83 0.00	50.56 2.62 0.00	40.41 2.07 -0.37	41.58 1.98 -0.48	45.33 2.07 -0.17	46.95 1.88 0.00	45.90 1.83 0.00	39.28 1.35 0.00
LWR___OSWEGATCHIE_HYD 23850	50.37 1.64 -0.09	42.45 1.15 -0.01	42.68 0.93 -0.07	46.72 1.19 -0.15	44.50 1.04 0.00	41.85 0.72 0.00	43.35 0.89 0.00	37.51 0.88 0.00	37.09 1.04 0.00	37.81 1.23 0.00	40.73 1.29 0.00	47.36 1.70 0.00	52.72 1.73 -0.01	59.95 1.15 -0.03	54.73 0.63 0.00	63.86 1.12 -0.01	60.00 1.59 0.00	48.64 0.70 0.00	38.48 0.51 0.00	40.06 0.95 0.00	44.62 1.53 0.00	46.83 1.76 0.00	45.74 1.67 0.00	39.16 1.22 -0.01
LYONS_FALL_HYD 23570	50.39 1.67 -0.08	42.52 1.23 -0.01	42.77 1.03 -0.06	46.69 1.18 -0.13	44.38 0.92 0.00	41.73 0.60 0.00	43.25 0.79 0.00	37.48 0.85 0.00	37.10 1.05 0.00	37.75 1.16 0.00	40.64 1.20 0.00	47.29 1.63 0.00	52.74 1.75 -0.01	60.11 1.31 -0.03	55.06 0.95 0.00	64.11 1.37 0.00	60.32 1.92 0.00	49.32 1.38 0.00	38.91 0.94 0.00	40.25 1.14 0.00	44.63 1.54 0.00	46.75 1.69 0.00	45.65 1.59 0.00	39.18 1.24 -0.01
MADISON___COUNTY_LFGE 323628	50.18 1.46 -0.08	42.41 1.11 -0.01	42.79 1.04 -0.07	46.56 1.04 -0.15	44.36 0.90 0.00	41.96 0.83 0.00	43.33 0.88 0.00	37.34 0.71 0.00	36.67 0.62 0.00	37.19 0.60 0.00	40.16 0.73 0.00	46.74 1.08 0.00	52.43 1.43 -0.01	60.16 1.36 -0.03	55.51 1.41 0.00	64.36 1.62 -0.01	60.27 1.87 0.00	49.50 1.56 0.00	39.11 1.14 0.00	40.28 1.16 0.00	44.33 1.24 0.00	46.30 1.24 0.00	45.17 1.11 0.00	38.82 0.87 -0.01
MALONE___115KV_TB1 356076	49.60 0.96 0.00	41.87 0.58 0.00	42.08 0.40 0.00	45.99 0.62 0.00	44.21 0.75 0.00	41.84 0.71 0.00	43.16 0.70 0.00	37.24 0.62 0.00	36.83 0.78 0.00	37.46 0.88 0.00	40.49 1.05 0.00	46.90 1.24 0.00	52.36 1.37 0.00	59.85 1.08 0.00	54.79 0.68 0.00	63.88 1.14 0.00	59.66 1.26 0.00	48.54 0.60 0.00	38.55 0.58 0.00	40.05 0.93 0.00	44.44 1.35 0.00	46.50 1.43 0.00	45.37 1.31 0.00	38.95 1.02 0.00
MAPLEWOD_115KV_TB3 80458	48.98 0.44 0.10	41.84 0.55 0.00	42.37 0.69 0.00	46.29 0.91 0.00	44.30 0.84 0.00	41.92 0.79 0.00	43.30 0.85 0.00	37.43 0.80 0.00	36.89 0.84 0.00	37.27 0.68 0.00	39.32 0.49 0.60	45.23 0.36 0.79	50.87 0.51 0.63	59.74 0.97 0.00	55.29 1.18 0.00	64.04 1.30 0.00	59.52 1.12 0.00	49.22 1.28 0.00	39.36 0.99 -0.40	40.46 0.83 -0.51	44.02 0.74 -0.18	45.71 0.65 0.00	44.57 0.50 0.00	38.35 0.41 0.00
MAPLE_RIDGE_WT_1 323574	48.39 -0.25 0.00	41.03 -0.26 0.00	41.39 -0.29 0.00	45.18 -0.20 0.00	43.20 -0.25 0.00	40.73 -0.40 0.00	42.09 -0.37 0.00	36.40 -0.22 0.00	35.97 -0.09 0.00	36.59 0.00 0.00	39.46 0.03 0.00	45.70 0.04 0.00	50.95 -0.04 0.00	58.36 -0.41 0.00	53.57 -0.53 0.00	62.07 -0.67 0.00	57.93 -0.47 0.00	47.59 -0.35 0.00	37.71 -0.26 0.00	38.82 -0.30 0.00	42.82 -0.27 0.00	44.86 -0.21 0.00	43.95 -0.11 0.00	37.80 -0.13 0.00
MAPLE_RIDGE_WT_2 323611	48.39 -0.25 0.00	41.03 -0.26 0.00	41.39 -0.29 0.00	45.18 -0.20 0.00	43.20 -0.25 0.00	40.73 -0.40 0.00	42.09 -0.37 0.00	36.40 -0.22 0.00	35.97 -0.09 0.00	36.59 0.00 0.00	39.46 0.03 0.00	45.70 0.04 0.00	50.95 -0.04 0.00	58.36 -0.41 0.00	53.57 -0.53 0.00	62.07 -0.67 0.00	57.93 -0.47 0.00	47.59 -0.35 0.00	37.71 -0.26 0.00	38.82 -0.30 0.00	42.82 -0.27 0.00	44.86 -0.21 0.00	43.95 -0.11 0.00	37.80 -0.13 0.00
MARBLE_RIVER_WT_PWR 323696	48.77 0.12 0.00	41.20 -0.09 0.00	41.42 -0.26 0.00	45.23 -0.14 0.00	43.50 0.04 0.00	41.20 0.07 0.00	42.47 0.01 0.00	36.66 0.05 0.00	36.26 0.21 0.00	36.83 0.24 0.00	39.81 0.38 0.00	45.91 0.24 0.00	51.35 0.36 0.00	58.78 0.01 0.00	53.86 -0.24 0.00	62.81 0.08 0.00	58.68 0.28 0.00	47.95 0.01 0.00	38.08 0.11 0.00	39.40 0.28 0.00	43.68 0.59 0.00	45.65 0.59 0.00	44.59 0.52 0.00	38.37 0.44 0.00
MARSHVLE_115KV_TB1 80742	51.17 2.59 0.06	43.26 1.97 0.00	43.48 1.80 0.00	47.25 1.87 0.00	45.23 1.77 0.00	42.79 1.66 0.00	44.10 1.64 0.00	37.71 1.08 0.00	36.63 0.58 0.00	37.11 0.52 0.00	39.80 0.71 0.35	46.23 1.04 0.47	51.96 1.35 0.38	60.65 1.88 0.00	55.68 1.57 0.00	64.92 2.18 0.00	60.67 2.27 0.00	49.79 1.85 0.00	39.91 1.70 -0.24	41.42 1.99 -0.31	45.37 2.17 -0.11	47.25 2.19 0.00	46.13 2.06 0.00	39.65 1.72 0.00
MARSH_HILL_WT_PWR 323713	50.01 1.30 -0.07	41.93 0.64 -0.01	42.29 0.56 -0.05	45.46 -0.03 -0.11	42.95 -0.51 0.00	40.86 -0.27 0.00	42.39 -0.06 0.00	35.73 -0.89 0.00	35.26 -0.79 0.00	35.65 -0.94 0.00	39.40 -0.03 0.00	45.06 -0.60 0.00	49.78 -1.21 -0.01	56.72 -2.07 -0.02	52.12 -1.99 0.00	60.43 -2.31 0.00	56.19 -2.21 0.00	48.06 -2.46 -2.57	30.05 -2.12 5.79	37.52 -1.59 0.00	41.37 -1.72 0.00	43.51 -1.56 0.00	42.51 -1.55 0.00	36.50 -1.45 -0.01
MCINTYRE_115KV_TB2 80467	51.03 2.39 0.00	43.09 1.81 0.00	43.37 1.69 0.00	47.43 2.05 0.00	45.54 2.09 0.00	43.08 1.94 0.00	44.46 2.00 0.00	38.14 1.52 0.00	37.31 1.26 0.00	38.13 1.54 0.00	41.35 1.92 0.00	48.06 2.40 0.00	53.46 2.47 0.00	60.93 2.16 0.00	55.79 1.68 0.00	64.92 2.18 0.00	60.47 2.07 0.00	48.48 0.54 0.00	38.66 0.69 0.00	40.52 1.40 0.00	45.29 2.20 0.00	47.47 2.41 0.00	46.36 2.30 0.00	39.66 1.73 0.00
MECO_____69_KV_BK1 80468	51.74 3.16 0.07	43.79 2.51 0.00	44.06 2.38 0.00	47.88 2.51 0.00	45.81 2.35 0.00	43.34 2.21 0.00	44.67 2.22 0.00	38.23 1.61 0.00	37.04 0.98 0.00	37.26 0.67 0.00	39.62 0.58 0.39	45.84 0.70 0.52	51.65 1.08 0.42	61.20 2.43 0.00	56.24 2.13 0.00	65.64 2.91 0.00	61.28 2.87 0.00	50.85 2.91 0.00	40.89 2.64 -0.28	42.30 2.83 -0.36	46.18 2.96 -0.13	47.99 2.93 0.00	46.71 2.64 0.00	40.09 2.16 0.00
MENANDS___115KV_TB5 355628	48.52 -0.03 0.10	41.48 0.19 0.00	42.04 0.36 0.00	46.01 0.63 0.00	44.04 0.58 0.00	41.70 0.56 0.00	43.05 0.59 0.00	37.24 0.62 0.00	36.71 0.66 0.00	37.09 0.50 0.00	39.09 0.27 0.61	44.93 0.05 0.79	50.43 0.07 0.62	59.20 0.43 0.00	54.76 0.65 0.00	63.42 0.69 0.00	58.94 0.54 0.00	48.76 0.82 0.00	39.00 0.63 -0.40	40.10 0.46 -0.51	43.62 0.35 -0.18	45.31 0.24 0.00	44.19 0.13 0.00	38.05 0.12 0.00
MG INDUSTRY___DRP 24185	47.98 -0.61 0.05	41.48 0.19 0.00	42.07 0.39 0.00	45.90 0.53 0.00	43.95 0.49 0.00	41.60 0.47 0.00	42.97 0.52 0.00	37.13 0.50 0.00	36.47 0.41 0.00	36.76 0.17 0.00	38.95 -0.16 0.32	44.79 -0.44 0.42	49.69 -0.95 0.34	57.66 -1.11 0.00	53.42 -0.69 0.00	61.93 -0.80 0.00	57.57 -0.82 0.00	47.57 -0.37 0.00	25.70 -0.26 12.01	36.12 -0.37 2.62	42.75 -0.49 -0.15	44.49 -0.58 0.00	43.43 -0.64 0.00	37.61 -0.32 0.00

MID___OSWEGATCHIE_HYD 23849	50.37 1.64 -0.09	42.45 1.15 -0.01	42.68 0.93 -0.07	46.72 1.19 -0.15	44.50 1.04 0.00	41.85 0.72 0.00	43.35 0.89 0.00	37.51 0.88 0.00	37.09 1.04 0.00	37.81 1.23 0.00	40.73 1.29 0.00	47.36 1.70 0.00	52.72 1.73 -0.01	59.95 1.15 -0.03	54.73 0.63 0.00	63.86 1.12 -0.01	60.00 1.59 0.00	48.64 0.70 0.00	38.48 0.51 0.00	40.06 0.95 0.00	44.62 1.53 0.00	46.83 1.76 0.00	45.74 1.67 0.00	39.16 1.22 -0.01
MID___RAQUETTE_HYD 23851	49.96 1.27 -0.05	42.17 0.88 0.00	42.45 0.74 -0.04	46.50 1.04 -0.08	44.54 1.08 0.00	42.08 0.94 0.00	43.45 0.99 0.00	37.41 0.79 0.00	36.85 0.80 0.00	37.55 0.96 0.00	40.57 1.14 0.00	47.07 1.41 0.00	52.41 1.42 -0.01	59.79 1.01 -0.02	54.74 0.63 0.00	63.82 1.08 0.00	59.61 1.21 0.00	48.12 0.18 0.00	38.31 0.34 0.00	39.94 0.83 0.00	44.41 1.32 0.00	46.54 1.48 0.00	45.48 1.42 0.00	38.88 0.94 -0.01
MILLIKEN___1 23584	49.87 1.05 -0.18	42.01 0.71 -0.02	42.48 0.66 -0.14	46.28 0.59 -0.32	43.88 0.41 0.00	41.57 0.44 0.00	42.93 0.47 0.00	36.91 0.29 0.00	36.21 0.16 0.00	36.68 0.09 0.00	39.81 0.38 0.00	46.41 0.74 0.00	51.78 0.77 -0.02	59.58 0.75 -0.07	54.39 0.28 0.00	62.98 0.23 -0.01	58.71 0.31 0.00	48.66 0.54 -0.19	45.77 0.44 -7.36	39.63 0.51 0.00	43.59 0.50 0.00	45.52 0.46 0.00	44.47 0.40 0.00	38.21 0.25 -0.02
MILLIKEN___2 23585	49.87 1.05 -0.18	42.01 0.71 -0.02	42.48 0.66 -0.14	46.28 0.59 -0.32	43.88 0.41 0.00	41.57 0.44 0.00	42.93 0.47 0.00	36.91 0.29 0.00	36.21 0.16 0.00	36.68 0.09 0.00	39.81 0.38 0.00	46.41 0.74 0.00	51.78 0.77 -0.02	59.58 0.75 -0.07	54.39 0.28 0.00	62.98 0.23 -0.01	58.71 0.31 0.00	48.66 0.54 -0.19	45.77 0.44 -7.36	39.63 0.51 0.00	43.59 0.50 0.00	45.52 0.46 0.00	44.47 0.40 0.00	38.21 0.25 -0.02
MILLIKEN___DIESEL 23629	49.87 1.05 -0.18	42.01 0.71 -0.02	42.48 0.66 -0.14	46.28 0.59 -0.32	43.88 0.41 0.00	41.57 0.44 0.00	42.93 0.47 0.00	36.91 0.29 0.00	36.21 0.16 0.00	36.68 0.09 0.00	39.81 0.38 0.00	46.41 0.74 0.00	51.78 0.77 -0.02	59.58 0.75 -0.07	54.39 0.28 0.00	62.98 0.23 -0.01	58.71 0.31 0.00	48.66 0.54 -0.19	45.77 0.44 -7.36	39.63 0.51 0.00	43.59 0.50 0.00	45.52 0.46 0.00	44.47 0.40 0.00	38.21 0.25 -0.02
MILLSEAT___LFGE 323607	50.17 1.53 0.00	41.97 0.69 0.00	42.37 0.70 0.00	45.28 -0.09 0.00	42.95 -0.51 0.00	40.76 -0.37 0.00	41.95 -0.51 0.00	35.33 -1.29 0.00	35.13 -0.92 0.00	36.00 -0.59 0.00	39.11 -0.32 0.00	45.06 -0.60 0.00	49.41 -1.58 0.00	56.55 -2.22 0.00	52.03 -2.08 0.00	59.86 -2.88 0.00	55.44 -2.96 0.00	44.54 -2.94 0.46	33.60 -2.49 1.88	36.64 -2.48 0.00	40.36 -2.73 0.00	42.78 -2.29 0.00	42.18 -1.89 0.00	36.74 -1.20 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	49.78 1.02 -0.11	42.32 1.04 0.00	42.62 0.94 0.00	46.28 0.90 0.00	44.46 1.00 0.00	42.09 0.96 0.00	43.41 0.96 0.00	37.73 1.11 0.00	37.34 1.29 0.00	38.78 1.37 -0.83	41.50 1.41 -0.66	48.22 1.68 -0.88	53.80 2.10 -0.71	61.66 2.89 0.00	56.79 2.69 0.00	65.96 3.23 0.00	61.52 3.12 0.00	50.78 2.84 0.00	42.33 2.14 -2.22	44.02 2.04 -2.86	46.01 1.89 -1.03	46.96 1.90 0.00	45.95 1.89 0.00	39.63 1.70 0.00
MILLWOOD_13_KV_LOAD 356217	49.87 1.12 -0.11	42.41 1.12 0.00	42.69 1.02 0.00	46.36 0.99 0.00	44.53 1.07 0.00	42.16 1.02 0.00	43.48 1.02 0.00	37.80 1.18 0.00	37.40 1.35 0.00	38.85 1.44 -0.83	41.59 1.50 -0.66	48.33 1.79 -0.88	53.91 2.21 -0.71	61.81 3.04 0.00	56.93 2.82 0.00	66.14 3.41 0.00	61.68 3.28 0.00	50.92 2.98 0.00	42.44 2.24 -2.22	44.13 2.15 -2.86	46.13 2.01 -1.03	47.08 2.01 0.00	46.06 1.99 0.00	39.72 1.79 0.00
MODEL_CITY_ENERGY 24167	48.89 0.25 0.00	40.94 -0.34 0.00	41.41 -0.26 0.00	44.22 -1.16 0.00	41.90 -1.56 0.00	39.79 -1.34 0.00	40.91 -1.55 0.00	34.32 -2.30 0.00	34.08 -1.97 0.00	34.87 -1.72 0.00	38.01 -1.43 0.00	43.81 -1.85 0.00	47.93 -3.06 0.00	54.72 -4.05 0.00	49.98 -4.13 0.00	57.39 -5.35 0.00	53.07 -5.33 0.00	42.45 -4.91 0.58	31.89 -4.01 2.07	35.03 -4.08 0.00	38.64 -4.45 0.00	41.13 -3.94 0.00	40.72 -3.34 0.00	35.61 -2.33 0.00
MODERN_LFGE___ 323580	48.89 0.25 0.00	40.94 -0.34 0.00	41.41 -0.26 0.00	44.22 -1.16 0.00	41.90 -1.56 0.00	39.79 -1.34 0.00	40.91 -1.55 0.00	34.32 -2.30 0.00	34.08 -1.97 0.00	34.87 -1.72 0.00	38.01 -1.43 0.00	43.81 -1.85 0.00	47.93 -3.06 0.00	54.72 -4.05 0.00	49.98 -4.13 0.00	57.39 -5.35 0.00	53.07 -5.33 0.00	42.45 -4.91 0.58	31.89 -4.01 2.07	35.03 -4.08 0.00	38.64 -4.45 0.00	41.13 -3.94 0.00	40.72 -3.34 0.00	35.61 -2.33 0.00
MOHAWK_PAPER___DRP 24187	48.98 0.44 0.10	41.84 0.55 0.00	42.37 0.69 0.00	46.29 0.91 0.00	44.30 0.84 0.00	41.92 0.79 0.00	43.30 0.85 0.00	37.43 0.80 0.00	36.89 0.84 0.00	37.27 0.68 0.60	39.32 0.49 0.79	45.23 0.36 0.79	50.87 0.51 0.63	59.74 0.97 0.00	55.29 1.18 0.00	64.04 1.30 0.00	59.52 1.12 0.00	49.22 1.28 0.00	39.36 0.99 -0.40	40.46 0.83 -0.51	44.02 0.74 -0.18	45.71 0.65 0.00	44.57 0.50 0.00	38.35 0.41 0.00
MOHICAN___35_KV_115KV_LD 80490	51.22 2.68 0.10	43.62 2.33 0.00	44.06 2.38 0.00	47.89 2.51 0.00	45.73 2.27 0.00	43.31 2.18 0.00	44.78 2.32 0.00	38.59 1.97 0.00	38.02 1.96 0.00	38.18 1.59 0.00	40.02 1.18 0.59	46.30 1.43 0.79	52.36 2.01 0.64	61.53 2.76 0.00	57.25 3.15 0.00	66.62 3.88 0.00	61.78 3.38 0.00	51.18 3.24 0.00	40.99 2.65 -0.37	42.07 2.48 -0.47	45.91 2.65 -0.17	47.51 2.45 0.00	46.25 2.19 0.00	39.58 1.65 0.00
MONGAUP___HYD 23641	50.28 1.54 -0.09	42.66 1.37 0.00	42.93 1.25 0.00	46.85 1.47 0.00	44.95 1.49 0.00	42.36 1.23 0.00	43.70 1.24 0.00	37.86 1.24 0.00	37.24 1.19 0.00	36.93 1.09 0.76	40.91 0.93 -0.55	47.32 0.92 -0.74	52.94 1.36 -0.59	60.72 1.95 0.00	56.05 1.95 0.00	65.77 3.03 0.00	61.49 3.08 0.00	50.66 2.72 0.00	37.90 2.14 2.22	38.49 2.22 2.86	44.26 2.20 1.03	47.28 2.21 0.00	46.15 2.08 0.00	39.65 1.72 0.00
MONTAUK___DIESEL 23721	52.66 3.90 -0.12	44.84 3.55 0.00	45.19 3.51 0.00	49.51 3.66 -0.47	47.59 3.60 -0.53	44.55 3.42 0.00	45.76 3.30 0.00	40.97 3.34 -1.01	43.50 3.55 -3.90	51.36 3.35 -11.42	50.77 2.68 -8.66	49.96 2.46 -1.84	64.56 2.76 -10.81	78.02 3.81 -15.44	86.31 3.51 -28.69	80.17 4.01 -13.42	86.13 3.90 -23.83	98.76 3.32 -47.49	41.05 1.80 -1.27	42.53 1.56 -1.86	45.45 1.39 -0.97	46.97 2.51 0.60	41.87 2.29 4.49	40.78 2.85 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	50.05 1.41 0.00	41.73 0.44 0.00	42.20 0.52 0.00	45.51 0.14 0.00	43.07 -0.38 0.00	40.91 -0.22 0.00	41.79 -0.66 0.00	34.52 -2.10 0.00	34.90 -1.15 0.00	36.53 -0.05 0.00	39.85 0.41 0.00	45.85 0.19 0.00	50.62 -0.37 0.00	57.92 -0.85 0.00	52.88 -1.23 0.00	60.97 -1.76 0.00	56.22 -2.18 0.00	45.25 -2.13 0.56	32.94 -2.32 2.72	37.30 -1.82 0.00	41.02 -2.07 0.00	43.33 -1.73 0.00	42.90 -1.17 0.00	37.16 -0.77 0.00

MORRIS_RIDGE___SOLAR 323848	49.38 0.69 -0.05	41.40 0.11 0.00	41.75 0.04 -0.04	44.97 -0.49 -0.09	42.67 -0.79 0.00	40.59 -0.54 0.00	41.89 -0.57 0.00	35.33 -1.29 0.00	34.86 -1.19 0.00	35.66 -0.93 0.00	38.91 -0.52 0.00	44.57 -1.10 0.00	49.23 -1.77 -0.01	56.23 -2.55 -0.02	51.50 -2.60 0.00	59.77 -2.97 0.00	55.28 -3.12 0.00	41.29 -2.98 3.67	31.73 -2.45 3.80	37.05 -2.07 0.00	40.74 -2.35 0.00	42.91 -2.16 0.00	42.04 -2.03 0.00	36.41 -1.53 -0.01
MORTIMER_115KV_TB3 55949	49.53 0.89 0.00	41.64 0.36 0.00	41.97 0.30 0.00	45.11 -0.26 0.00	42.93 -0.53 0.00	40.71 -0.42 0.00	41.96 -0.49 0.00	35.74 -0.89 0.00	35.41 -0.64 0.00	36.18 -0.41 0.00	39.28 -0.15 0.00	45.41 -0.25 0.00	50.28 -0.71 0.00	57.80 -0.97 0.00	53.06 -1.05 0.00	61.21 -1.53 0.00	56.70 -1.71 0.00	46.23 -1.71 1.33	35.11 -1.53 0.00	37.61 -1.51 0.00	41.39 -1.70 0.00	43.59 -1.47 0.00	42.80 -1.27 0.00	37.06 -0.87 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	50.03 1.28 -0.12	42.57 1.29 0.00	42.84 1.16 0.00	46.47 1.10 0.00	44.63 1.17 0.00	42.28 1.14 0.00	43.60 1.15 0.00	37.94 1.32 0.00	37.61 1.55 0.00	39.00 1.68 -0.73	41.87 1.77 -0.67	48.62 2.07 -0.89	54.20 2.49 -0.72	62.12 3.35 0.00	57.16 3.05 0.00	66.44 3.70 0.00	61.96 3.56 0.00	51.15 3.21 0.00	42.50 2.43 -2.10	44.19 2.37 -2.70	46.27 2.20 -0.97	47.30 2.23 0.00	46.33 2.27 0.00	40.00 2.07 0.00
MUNSVILLE_WIND_PWR 323609	52.48 3.72 -0.12	44.24 2.95 -0.01	44.65 2.88 -0.09	48.58 3.00 -0.20	46.21 2.75 0.00	43.82 2.68 0.00	45.19 2.74 0.00	38.79 2.17 0.00	38.04 1.99 0.00	38.48 1.89 0.00	41.77 2.34 0.00	48.82 3.16 0.00	54.85 3.86 -0.01	63.32 4.51 -0.04	57.78 3.67 0.00	66.71 3.96 -0.01	62.05 3.65 0.00	51.49 3.42 -0.13	44.50 2.83 -3.70	41.91 2.80 0.00	46.17 3.08 0.00	47.92 2.85 0.00	46.75 2.69 0.00	39.82 1.87 -0.02
N SALMON___HYD 24042	49.60 0.96 0.00	41.87 0.58 0.00	42.08 0.40 0.00	45.99 0.62 0.00	44.21 0.75 0.00	41.84 0.71 0.00	43.15 0.70 0.00	37.24 0.62 0.00	36.83 0.78 0.00	37.46 0.88 0.00	40.48 1.05 0.00	46.90 1.24 0.00	52.36 1.37 0.00	59.85 1.08 0.00	54.79 0.68 0.00	63.88 1.14 0.00	59.66 1.26 0.00	48.54 0.60 0.00	38.55 0.58 0.00	40.05 0.93 0.00	44.44 1.35 0.00	46.50 1.43 0.00	45.37 1.31 0.00	38.96 1.02 0.00
N.AKRON__115KV_KNAPP 355671	49.92 1.28 0.00	41.77 0.49 0.00	42.18 0.50 0.00	45.04 -0.34 0.00	42.73 -0.73 0.00	40.57 -0.57 0.00	41.74 -0.71 0.00	35.11 -1.51 0.00	34.91 -1.15 0.00	35.74 -0.85 0.00	38.88 -0.55 0.00	44.81 -0.85 0.00	49.15 -1.84 0.00	56.22 -2.55 0.00	51.56 -2.55 0.00	59.29 -3.44 0.00	54.88 -3.52 0.00	44.02 -3.42 0.50	33.21 -2.84 1.93	36.22 -2.89 0.00	39.92 -3.17 0.00	42.37 -2.70 0.00	41.84 -2.23 0.00	36.52 -1.41 0.00
N.E_GEN_SANDY PD 24062	56.22 0.39 -7.18	41.58 0.61 0.32	42.42 0.74 0.00	46.11 0.73 0.00	44.15 0.69 0.00	41.80 0.66 0.00	43.28 0.73 -0.09	37.38 0.76 0.00	36.95 0.90 0.00	37.34 0.76 0.01	35.61 0.53 4.36	40.33 0.47 5.80	47.04 0.72 4.67	60.08 1.31 0.00	55.55 1.44 0.00	61.70 1.66 2.70	57.98 1.52 1.94	45.82 1.76 3.88	39.63 1.41 -0.25	41.45 1.25 -1.09	43.48 1.13 0.74	46.12 1.03 -0.03	44.80 0.93 0.20	37.99 0.77 0.71
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	49.70 0.95 -0.11	42.24 0.95 0.00	42.50 0.83 0.00	46.16 0.78 0.00	44.41 0.95 0.00	42.03 0.90 0.00	43.35 0.90 0.00	37.66 1.04 0.00	37.26 1.21 0.00	36.60 1.29 1.27	41.40 1.34 -0.63	48.14 1.65 -0.83	53.76 2.11 -0.67	61.66 2.89 0.00	56.78 2.68 0.00	65.95 3.21 0.00	61.49 3.09 0.00	50.75 2.81 0.00	36.96 2.12 3.13	37.09 2.00 4.03	43.48 1.84 1.45	46.91 1.84 0.00	45.90 1.83 0.00	39.56 1.63 0.00
N.QUEENS_27_KV_LOAD 356247	50.08 1.32 -0.12	42.67 1.38 0.00	42.80 1.12 0.00	46.44 1.06 0.00	44.69 1.23 0.00	42.27 1.14 0.00	43.61 1.16 0.00	38.00 1.38 0.00	37.72 1.67 0.00	39.23 1.90 -0.74	42.12 2.02 -0.67	48.76 2.21 -0.89	54.15 2.44 -0.72	62.12 3.35 0.00	57.25 3.14 0.00	66.50 3.76 0.00	62.04 3.64 0.00	51.26 3.31 0.00	42.63 2.56 -2.10	44.25 2.43 -2.70	46.36 2.29 -0.97	47.41 2.34 0.00	46.64 2.58 0.00	40.29 2.36 0.00
N.TROY___115KV_TB1 355778	49.41 0.90 0.13	42.24 0.95 0.00	42.80 1.12 0.00	46.56 1.19 0.00	44.54 1.08 0.00	42.16 1.03 0.00	43.57 1.12 0.00	37.63 1.01 0.00	37.08 1.03 0.00	37.43 0.84 0.00	39.25 0.61 0.79	45.14 0.52 1.05	50.92 0.77 0.84	60.05 1.28 0.00	55.62 1.51 0.00	64.43 1.70 0.00	59.91 1.51 0.00	49.61 1.67 0.00	39.73 1.35 -0.41	40.85 1.20 -0.53	44.45 1.17 -0.19	46.13 1.07 0.00	45.01 0.94 0.00	38.68 0.75 0.00
NARROWS_GT1_1 24228	49.83 1.07 -0.12	42.54 1.25 0.00	42.71 1.04 0.00	46.31 0.93 0.00	44.54 1.08 0.00	42.14 1.01 0.00	43.49 1.03 0.00	37.88 1.25 0.00	37.57 1.52 0.00	39.06 1.74 -0.74	41.98 1.88 -0.67	48.62 2.07 -0.89	53.93 2.22 -0.71	61.95 3.19 0.00	57.07 2.97 0.00	66.36 3.63 0.00	61.91 3.51 0.00	51.18 3.25 0.00	42.66 2.59 -2.10	44.27 2.44 -2.70	46.35 2.28 -0.97	47.42 2.35 0.00	46.55 2.49 0.00	40.19 2.26 0.00
NARROWS_GT1_2 24229	49.83 1.07 -0.12	42.54 1.25 0.00	42.71 1.04 0.00	46.31 0.93 0.00	44.54 1.08 0.00	42.14 1.01 0.00	43.49 1.03 0.00	37.88 1.25 0.00	37.57 1.52 0.00	39.06 1.74 -0.74	41.98 1.88 -0.67	48.62 2.07 -0.89	53.93 2.22 -0.71	61.95 3.19 0.00	57.07 2.97 0.00	66.36 3.63 0.00	61.91 3.51 0.00	51.18 3.25 0.00	42.66 2.59 -2.10	44.27 2.44 -2.70	46.35 2.28 -0.97	47.42 2.35 0.00	46.55 2.49 0.00	40.19 2.26 0.00
NARROWS_GT1_3 24230	49.83 1.07 -0.12	42.54 1.25 0.00	42.71 1.04 0.00	46.31 0.93 0.00	44.54 1.08 0.00	42.14 1.01 0.00	43.49 1.03 0.00	37.88 1.25 0.00	37.57 1.52 0.00	39.06 1.74 -0.74	41.98 1.88 -0.67	48.62 2.07 -0.89	53.93 2.22 -0.71	61.95 3.19 0.00	57.07 2.97 0.00	66.36 3.63 0.00	61.91 3.51 0.00	51.18 3.25 0.00	42.66 2.59 -2.10	44.27 2.44 -2.70	46.35 2.28 -0.97	47.42 2.35 0.00	46.55 2.49 0.00	40.19 2.26 0.00
NARROWS_GT1_4 24231	49.83 1.07 -0.12	42.54 1.25 0.00	42.71 1.04 0.00	46.31 0.93 0.00	44.54 1.08 0.00	42.14 1.01 0.00	43.49 1.03 0.00	37.88 1.25 0.00	37.57 1.52 0.00	39.06 1.74 -0.74	41.98 1.88 -0.67	48.62 2.07 -0.89	53.93 2.22 -0.71	61.95 3.19 0.00	57.07 2.97 0.00	66.36 3.63 0.00	61.91 3.51 0.00	51.18 3.25 0.00	42.66 2.59 -2.10	44.27 2.44 -2.70	46.35 2.28 -0.97	47.42 2.35 0.00	46.55 2.49 0.00	40.19 2.26 0.00
NARROWS_GT1_5 24232	49.83 1.07 -0.12	42.54 1.25 0.00	42.71 1.04 0.00	46.31 0.93 0.00	44.54 1.08 0.00	42.14 1.01 0.00	43.49 1.03 0.00	37.88 1.25 0.00	37.57 1.52 0.00	39.06 1.74 -0.74	41.98 1.88 -0.67	48.62 2.07 -0.89	53.93 2.22 -0.71	61.95 3.19 0.00	57.07 2.97 0.00	66.36 3.63 0.00	61.91 3.51 0.00	51.18 3.25 0.00	42.66 2.59 -2.10	44.27 2.44 -2.70	46.35 2.28 -0.97	47.42 2.35 0.00	46.55 2.49 0.00	40.19 2.26 0.00

NARROWS_GT1_6 24233	49.83 1.07 -0.12	42.54 1.25 0.00	42.71 1.04 0.00	46.31 0.93 0.00	44.54 1.08 0.00	42.14 1.01 0.00	43.49 1.03 0.00	37.88 1.25 0.00	37.57 1.52 0.00	39.06 1.74 -0.74	41.98 1.88 -0.67	48.62 2.07 -0.89	53.93 2.22 -0.71	61.95 3.19 0.00	57.07 2.97 0.00	66.36 3.63 0.00	61.91 3.51 0.00	51.18 3.25 0.00	42.66 2.59 -2.10	44.27 2.44 -2.70	46.35 2.28 -0.97	47.42 2.35 0.00	46.55 2.49 0.00	40.19 2.26 0.00
NARROWS_GT1_7 24234	49.83 1.07 -0.12	42.54 1.25 0.00	42.71 1.04 0.00	46.31 0.93 0.00	44.54 1.08 0.00	42.14 1.01 0.00	43.49 1.03 0.00	37.88 1.25 0.00	37.57 1.52 0.00	39.06 1.74 -0.74	41.98 1.88 -0.67	48.62 2.07 -0.89	53.93 2.22 -0.71	61.95 3.19 0.00	57.07 2.97 0.00	66.36 3.63 0.00	61.91 3.51 0.00	51.18 3.25 0.00	42.66 2.59 -2.10	44.27 2.44 -2.70	46.35 2.28 -0.97	47.42 2.35 0.00	46.55 2.49 0.00	40.19 2.26 0.00
NARROWS_GT1_8 24235	49.83 1.07 -0.12	42.54 1.25 0.00	42.71 1.04 0.00	46.31 0.93 0.00	44.54 1.08 0.00	42.14 1.01 0.00	43.49 1.03 0.00	37.88 1.25 0.00	37.57 1.52 0.00	39.06 1.74 -0.74	41.98 1.88 -0.67	48.62 2.07 -0.89	53.93 2.22 -0.71	61.95 3.19 0.00	57.07 2.97 0.00	66.36 3.63 0.00	61.91 3.51 0.00	51.18 3.25 0.00	42.66 2.59 -2.10	44.27 2.44 -2.70	46.35 2.28 -0.97	47.42 2.35 0.00	46.55 2.49 0.00	40.19 2.26 0.00
NARROWS_GT2_1 24236	49.83 1.07 -0.12	42.54 1.25 0.00	42.71 1.04 0.00	46.31 0.93 0.00	44.54 1.08 0.00	42.14 1.01 0.00	43.49 1.03 0.00	37.88 1.25 0.00	37.57 1.52 0.00	39.06 1.74 -0.74	41.98 1.88 -0.67	48.62 2.07 -0.89	53.93 2.22 -0.71	61.95 3.19 0.00	57.07 2.97 0.00	66.36 3.63 0.00	61.91 3.51 0.00	51.18 3.25 0.00	42.66 2.59 -2.10	44.27 2.44 -2.70	46.35 2.28 -0.97	47.42 2.35 0.00	46.55 2.49 0.00	40.19 2.26 0.00
NARROWS_GT2_2 24237	49.83 1.07 -0.12	42.54 1.25 0.00	42.71 1.04 0.00	46.31 0.93 0.00	44.54 1.08 0.00	42.14 1.01 0.00	43.49 1.03 0.00	37.88 1.25 0.00	37.57 1.52 0.00	39.06 1.74 -0.74	41.98 1.88 -0.67	48.62 2.07 -0.89	53.93 2.22 -0.71	61.95 3.19 0.00	57.07 2.97 0.00	66.36 3.63 0.00	61.91 3.51 0.00	51.18 3.25 0.00	42.66 2.59 -2.10	44.27 2.44 -2.70	46.35 2.28 -0.97	47.42 2.35 0.00	46.55 2.49 0.00	40.19 2.26 0.00
NARROWS_GT2_3 24238	49.83 1.07 -0.12	42.54 1.25 0.00	42.71 1.04 0.00	46.31 0.93 0.00	44.54 1.08 0.00	42.14 1.01 0.00	43.49 1.03 0.00	37.88 1.25 0.00	37.57 1.52 0.00	39.06 1.74 -0.74	41.98 1.88 -0.67	48.62 2.07 -0.89	53.93 2.22 -0.71	61.95 3.19 0.00	57.07 2.97 0.00	66.36 3.63 0.00	61.91 3.51 0.00	51.18 3.25 0.00	42.66 2.59 -2.10	44.27 2.44 -2.70	46.35 2.28 -0.97	47.42 2.35 0.00	46.55 2.49 0.00	40.19 2.26 0.00
NARROWS_GT2_4 24239	49.83 1.07 -0.12	42.54 1.25 0.00	42.71 1.04 0.00	46.31 0.93 0.00	44.54 1.08 0.00	42.14 1.01 0.00	43.49 1.03 0.00	37.88 1.25 0.00	37.57 1.52 0.00	39.06 1.74 -0.74	41.98 1.88 -0.67	48.62 2.07 -0.89	53.93 2.22 -0.71	61.95 3.19 0.00	57.07 2.97 0.00	66.36 3.63 0.00	61.91 3.51 0.00	51.18 3.25 0.00	42.66 2.59 -2.10	44.27 2.44 -2.70	46.35 2.28 -0.97	47.42 2.35 0.00	46.55 2.49 0.00	40.19 2.26 0.00
NARROWS_GT2_5 24240	49.83 1.07 -0.12	42.54 1.25 0.00	42.71 1.04 0.00	46.31 0.93 0.00	44.54 1.08 0.00	42.14 1.01 0.00	43.49 1.03 0.00	37.88 1.25 0.00	37.57 1.52 0.00	39.06 1.74 -0.74	41.98 1.88 -0.67	48.62 2.07 -0.89	53.93 2.22 -0.71	61.95 3.19 0.00	57.07 2.97 0.00	66.36 3.63 0.00	61.91 3.51 0.00	51.18 3.25 0.00	42.66 2.59 -2.10	44.27 2.44 -2.70	46.35 2.28 -0.97	47.42 2.35 0.00	46.55 2.49 0.00	40.19 2.26 0.00
NARROWS_GT2_6 24241	49.83 1.07 -0.12	42.54 1.25 0.00	42.71 1.04 0.00	46.31 0.93 0.00	44.54 1.08 0.00	42.14 1.01 0.00	43.49 1.03 0.00	37.88 1.25 0.00	37.57 1.52 0.00	39.06 1.74 -0.74	41.98 1.88 -0.67	48.62 2.07 -0.89	53.93 2.22 -0.71	61.95 3.19 0.00	57.07 2.97 0.00	66.36 3.63 0.00	61.91 3.51 0.00	51.18 3.25 0.00	42.66 2.59 -2.10	44.27 2.44 -2.70	46.35 2.28 -0.97	47.42 2.35 0.00	46.55 2.49 0.00	40.19 2.26 0.00
NARROWS_GT2_7 24242	49.83 1.07 -0.12	42.54 1.25 0.00	42.71 1.04 0.00	46.31 0.93 0.00	44.54 1.08 0.00	42.14 1.01 0.00	43.49 1.03 0.00	37.88 1.25 0.00	37.57 1.52 0.00	39.06 1.74 -0.74	41.98 1.88 -0.67	48.62 2.07 -0.89	53.93 2.22 -0.71	61.95 3.19 0.00	57.07 2.97 0.00	66.36 3.63 0.00	61.91 3.51 0.00	51.18 3.25 0.00	42.66 2.59 -2.10	44.27 2.44 -2.70	46.35 2.28 -0.97	47.42 2.35 0.00	46.55 2.49 0.00	40.19 2.26 0.00
NARROWS_GT2_8 24243	49.83 1.07 -0.12	42.54 1.25 0.00	42.71 1.04 0.00	46.31 0.93 0.00	44.54 1.08 0.00	42.14 1.01 0.00	43.49 1.03 0.00	37.88 1.25 0.00	37.57 1.52 0.00	39.06 1.74 -0.74	41.98 1.88 -0.67	48.62 2.07 -0.89	53.93 2.22 -0.71	61.95 3.19 0.00	57.07 2.97 0.00	66.36 3.63 0.00	61.91 3.51 0.00	51.18 3.25 0.00	42.66 2.59 -2.10	44.27 2.44 -2.70	46.35 2.28 -0.97	47.42 2.35 0.00	46.55 2.49 0.00	40.19 2.26 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	49.38 0.78 0.04	42.18 0.89 0.00	42.77 1.09 0.00	46.62 1.24 0.00	44.61 1.15 0.00	42.21 1.08 0.00	43.62 1.17 0.00	37.72 1.10 0.00	37.13 1.08 0.00	37.40 0.81 0.00	39.55 0.33 0.22	45.42 0.05 0.29	50.89 0.13 0.24	59.16 0.39 0.00	55.07 0.96 0.00	64.25 1.51 0.00	59.66 1.26 0.00	49.41 1.47 0.00	23.58 1.10 15.50	36.60 1.09 3.61	44.19 1.00 -0.09	45.90 0.83 0.00	44.63 0.57 0.00	38.34 0.41 0.00
NCHELSEA_115KV_TR2 355582	50.24 1.51 -0.09	42.70 1.42 0.00	43.01 1.33 0.00	46.71 1.34 0.00	44.82 1.36 0.00	42.42 1.29 0.00	43.78 1.33 0.00	38.00 1.38 0.00	37.61 1.55 0.00	38.22 1.63 0.00	41.69 1.73 -0.53	48.50 2.13 -0.71	54.26 2.70 -0.57	62.36 3.59 0.00	57.43 3.33 0.00	66.72 3.99 0.00	62.22 3.82 0.00	51.33 3.39 0.00	40.54 2.57 0.00	41.61 2.50 0.00	45.50 2.41 0.00	47.46 2.40 0.00	46.36 2.29 0.00	39.86 1.92 0.00
NEG CAPITAL___MECHNVIL 23645	50.54 2.01 0.11	43.08 1.79 0.00	43.59 1.92 0.00	47.39 2.01 0.00	45.29 1.84 0.00	42.89 1.75 0.00	44.30 1.85 0.00	38.21 1.59 0.00	37.63 1.58 0.00	37.98 1.40 0.00	39.99 1.23 0.67	46.15 1.38 0.90	52.09 1.82 0.72	61.31 2.54 0.00	56.83 2.73 0.00	65.93 3.20 0.00	61.31 2.91 0.00	50.69 2.75 0.00	40.50 2.15 -0.38	41.63 2.01 -0.49	45.33 2.07 -0.18	47.00 1.94 0.00	45.84 1.77 0.00	39.31 1.38 0.00
NEG CENTRAL_HIGH_ACRES 23767	48.52 -0.13 0.00	40.83 -0.46 0.00	41.14 -0.53 0.00	44.31 -1.07 0.00	42.21 -1.24 0.00	40.02 -1.11 0.00	41.25 -1.21 0.00	35.23 -1.39 0.00	34.86 -1.20 0.00	35.60 -0.99 0.00	38.68 -0.76 0.00	44.75 -0.91 0.00	49.58 -1.41 0.00	57.03 -1.74 0.00	52.46 -1.64 0.00	60.56 -2.17 0.00	56.13 -2.27 0.00	45.82 -2.12 0.00	35.16 -1.84 0.97	37.27 -1.85 0.00	41.00 -2.09 0.00	43.09 -1.97 0.00	42.24 -1.83 0.00	36.51 -1.42 0.00

NEG CENTRAL___DRP 24199	49.46 0.64 -0.18	41.64 0.33 -0.02	42.09 0.28 -0.14	45.74 0.05 -0.32	43.30 -0.16 0.00	41.07 -0.06 0.00	42.40 -0.05 0.00	36.35 -0.27 0.00	35.71 -0.34 0.00	36.32 -0.27 0.00	39.60 0.17 0.00	45.86 0.20 0.00	50.79 -0.22 -0.02	58.36 -0.47 -0.07	53.55 -0.56 0.00	62.23 -0.52 -0.01	57.88 -0.53 0.00	47.67 -0.51 -0.25	35.95 -0.46 1.56	38.76 -0.36 0.00	42.53 -0.56 0.00	44.50 -0.56 0.00	43.52 -0.54 0.00	37.54 -0.41 -0.03
NEG CENTRAL___INDECK 23768	51.41 2.77 0.00	43.09 1.80 0.00	43.39 1.71 0.00	46.60 1.23 0.00	44.31 0.85 0.00	42.11 0.97 0.00	43.49 1.04 0.00	36.81 0.19 0.00	36.23 0.17 0.00	37.30 0.71 0.00	40.49 1.06 0.00	45.98 0.31 0.00	49.88 -1.11 0.00	56.82 -1.95 0.00	52.22 -1.89 0.00	60.73 -2.01 0.00	56.20 -2.20 0.00	48.72 -1.86 -2.64	32.92 -1.60 3.45	37.84 -1.28 0.00	41.73 -1.36 0.00	43.86 -1.20 0.00	42.87 -1.20 0.00	37.74 -0.19 0.00
NEG CENTRAL___SENECA 23627	49.63 0.89 -0.10	41.84 0.54 -0.01	42.24 0.48 -0.08	45.74 0.19 -0.17	43.42 -0.04 0.00	41.22 0.08 0.00	42.56 0.10 0.00	36.39 -0.23 0.00	35.77 -0.28 0.00	36.38 -0.20 0.00	39.77 0.34 0.00	46.00 0.33 0.00	50.80 -0.20 -0.01	58.27 -0.54 -0.04	53.50 -0.61 0.00	62.14 -0.60 -0.01	57.80 -0.60 0.00	47.71 -0.62 -0.39	34.50 -0.53 2.94	38.78 -0.34 0.00	42.47 -0.62 0.00	44.45 -0.62 0.00	43.50 -0.56 0.00	37.57 -0.37 -0.01
NEG CENTRAL___STATE_STREET 24147	49.51 0.63 -0.24	41.66 0.35 -0.02	42.19 0.33 -0.19	46.00 0.21 -0.42	43.40 -0.06 0.00	41.11 -0.02 0.00	42.42 -0.03 0.00	36.54 -0.08 0.00	35.91 -0.14 0.00	36.48 -0.10 0.00	39.64 0.20 0.00	46.03 0.37 0.00	51.20 0.19 -0.02	58.93 0.08 -0.09	53.88 -0.23 0.00	62.73 -0.03 -0.02	58.44 0.04 0.00	47.97 0.03 0.00	38.77 -0.06 -0.85	38.97 -0.15 0.00	42.94 -0.14 0.00	44.92 -0.15 0.00	43.91 -0.15 0.00	37.74 -0.22 -0.03
NEG MILLWOOD___DRP 24198	50.34 1.60 -0.10	42.78 1.50 0.00	43.07 1.39 0.00	46.76 1.38 0.00	44.86 1.40 0.00	42.46 1.33 0.00	43.82 1.37 0.00	38.07 1.45 0.00	37.69 1.64 0.00	38.58 1.76 -0.23	41.91 1.88 -0.59	48.77 2.32 -0.79	54.53 2.91 -0.63	62.68 3.91 0.00	57.76 3.65 0.00	67.10 4.37 0.00	62.57 4.17 0.00	51.64 3.70 0.00	41.70 2.78 -0.95	43.03 2.70 -1.22	46.13 2.60 -0.44	47.65 2.58 0.00	46.53 2.46 0.00	40.03 2.10 0.00
NEG NORTH_FLCN_SEA 23793	49.08 0.44 0.00	41.44 0.15 0.00	41.67 -0.01 0.00	45.44 0.07 0.00	43.72 0.26 0.00	41.40 0.27 0.00	42.72 0.26 0.00	36.86 0.24 0.00	36.43 0.37 0.00	36.95 0.36 0.00	39.91 0.48 0.00	45.87 0.21 0.00	51.45 0.46 0.00	58.91 0.13 0.00	53.94 -0.17 0.00	62.78 0.04 0.00	58.65 0.25 0.00	48.02 0.08 0.00	38.12 0.15 0.00	39.43 0.31 0.00	43.75 0.66 0.00	45.64 0.58 0.00	44.56 0.49 0.00	38.37 0.43 0.00
NEG NORTH_KES_CHATEGAY 23792	48.85 0.21 0.00	41.26 -0.02 0.00	41.50 -0.18 0.00	45.34 -0.04 0.00	43.61 0.15 0.00	41.29 0.16 0.00	42.55 0.10 0.00	36.72 0.10 0.00	36.28 0.23 0.00	36.85 0.26 0.00	39.83 0.40 0.00	46.02 0.35 0.00	51.45 0.46 0.00	58.82 0.05 0.00	53.88 -0.23 0.00	62.85 0.12 0.00	58.70 0.30 0.00	47.93 0.00 0.00	38.07 0.10 0.00	39.46 0.35 0.00	43.80 0.71 0.00	45.79 0.73 0.00	44.72 0.65 0.00	38.49 0.56 0.00
NEG NORTH___ALICE_FALLS 23915	49.33 0.69 0.00	41.65 0.36 0.00	41.88 0.20 0.00	45.68 0.30 0.00	43.93 0.47 0.00	41.61 0.48 0.00	42.93 0.47 0.00	37.03 0.40 0.00	36.59 0.54 0.00	37.15 0.56 0.00	40.14 0.70 0.00	46.27 0.61 0.00	51.86 0.87 0.00	59.36 0.59 0.00	54.36 0.26 0.00	63.27 0.54 0.00	59.08 0.68 0.00	48.34 0.40 0.00	38.36 0.39 0.00	39.74 0.62 0.00	44.10 1.01 0.00	46.04 0.97 0.00	44.92 0.85 0.00	38.65 0.72 0.00
NEG NORTH___LWR_SARANAC 23913	49.33 0.69 0.00	41.65 0.36 0.00	41.88 0.20 0.00	45.68 0.30 0.00	43.93 0.47 0.00	41.61 0.48 0.00	42.93 0.47 0.00	37.03 0.40 0.00	36.59 0.54 0.00	37.15 0.56 0.00	40.14 0.70 0.00	46.27 0.61 0.00	51.86 0.87 0.00	59.36 0.59 0.00	54.36 0.26 0.00	63.27 0.54 0.00	59.08 0.68 0.00	48.34 0.40 0.00	38.36 0.39 0.00	39.74 0.62 0.00	44.10 1.01 0.00	46.04 0.97 0.00	44.92 0.85 0.00	38.65 0.72 0.00
NEG NORTH___PLATTSBURG 23628	49.33 0.69 0.00	41.65 0.36 0.00	41.88 0.20 0.00	45.68 0.30 0.00	43.93 0.48 0.00	41.62 0.48 0.00	42.93 0.47 0.00	37.03 0.40 0.00	36.59 0.54 0.00	37.15 0.56 0.00	40.14 0.70 0.00	46.27 0.61 0.00	51.86 0.87 0.00	59.36 0.59 0.00	54.36 0.26 0.00	63.27 0.54 0.00	59.08 0.68 0.00	48.34 0.40 0.00	38.36 0.39 0.00	39.74 0.62 0.00	44.10 1.01 0.00	46.04 0.97 0.00	44.92 0.85 0.00	38.65 0.71 0.00
NEG WEST_LEA_LOCKPORT 23791	49.08 0.44 0.00	41.06 -0.22 0.00	41.49 -0.18 0.00	44.28 -1.09 0.00	41.98 -1.48 0.00	39.86 -1.27 0.00	41.00 -1.46 0.00	34.45 -2.17 0.00	34.22 -1.83 0.00	35.03 -1.56 0.00	38.17 -1.27 0.00	43.99 -1.67 0.00	48.22 -2.77 0.00	55.10 -3.67 0.00	50.32 -3.79 0.00	57.83 -4.90 0.00	53.47 -4.94 0.00	42.73 -4.61 0.60	32.14 -3.78 2.04	35.28 -3.83 0.00	38.89 -4.20 0.00	41.39 -3.68 0.00	40.96 -3.11 0.00	35.92 -2.02 0.00
NEG WEST___LANCASTR 23811	48.92 0.28 0.00	40.99 -0.30 0.00	41.35 -0.33 0.00	44.37 -1.00 0.00	42.08 -1.37 0.00	39.99 -1.15 0.00	41.19 -1.27 0.00	34.88 -1.74 0.00	34.57 -1.48 0.00	35.34 -1.25 0.00	38.55 -0.88 0.00	44.47 -1.20 0.00	49.02 -1.97 0.00	56.16 -2.61 0.00	51.30 -2.81 0.00	59.15 -3.58 0.00	54.72 -3.68 0.00	43.91 -3.43 0.61	32.41 -2.95 2.61	36.26 -2.86 0.00	39.90 -3.19 0.00	42.23 -2.83 0.00	41.63 -2.44 0.00	36.18 -1.75 0.00
NEG_PENN_ALLEGHNY 23528	49.17 0.42 -0.11	41.48 0.18 -0.01	41.93 0.16 -0.09	45.71 0.13 -0.20	43.46 0.00 0.00	41.22 0.09 0.00	42.55 0.09 0.00	36.57 -0.06 0.00	35.94 -0.11 0.00	36.50 -0.09 0.00	39.62 0.18 0.00	45.95 0.29 0.00	51.27 0.27 -0.01	59.06 0.25 -0.04	54.26 0.15 0.00	62.76 0.02 -0.01	58.30 -0.11 0.00	47.92 -0.02 0.00	36.71 -0.10 1.16	39.16 0.05 0.00	42.99 -0.10 0.00	45.00 -0.07 0.00	43.98 -0.09 0.00	37.86 -0.09 -0.02
NEG___GEN_MONROE 24207	50.00 1.37 0.00	42.01 0.72 0.00	42.30 0.63 0.00	45.44 0.07 0.00	43.20 -0.26 0.00	40.98 -0.15 0.00	42.21 -0.24 0.00	35.88 -0.74 0.00	35.55 -0.50 0.00	36.39 -0.19 0.00	39.50 0.07 0.00	45.61 -0.05 0.00	50.34 -0.65 0.00	57.83 -0.94 0.00	53.23 -0.88 0.00	61.42 -1.31 0.00	56.94 -1.47 0.00	46.38 -1.56 0.00	35.20 -1.41 1.36	37.73 -1.38 0.00	41.54 -1.56 0.00	43.77 -1.30 0.00	42.98 -1.08 0.00	37.24 -0.69 0.00
NEPA___ENERGY 23901	48.97 0.33 0.00	40.97 -0.32 0.00	41.35 -0.33 0.00	44.68 -0.69 0.00	42.34 -1.12 0.00	40.28 -0.85 0.00	41.46 -1.00 0.00	35.00 -1.62 0.00	34.76 -1.29 0.00	35.60 -0.99 0.00	38.91 -0.52 0.00	44.92 -0.74 0.00	49.67 -1.32 0.00	57.03 -1.74 0.00	52.12 -1.98 0.00	60.13 -2.61 0.00	55.51 -2.89 0.00	44.61 -2.66 0.67	32.80 -2.55 2.62	36.90 -2.22 0.00	40.48 -2.61 0.00	42.77 -2.30 0.00	42.19 -1.88 0.00	36.54 -1.39 0.00

NEVERSINK___HYD 23608	49.75 1.03 -0.07	42.16 0.88 0.00	42.41 0.73 0.00	46.03 0.65 0.00	44.15 0.69 0.00	41.76 0.63 0.00	43.09 0.64 0.00	37.38 0.76 0.00	36.97 0.92 0.00	37.33 0.97 0.23	40.91 1.06 -0.42	47.61 1.39 -0.56	53.46 2.03 -0.45	61.35 2.58 0.00	56.50 2.40 0.00	65.75 3.01 0.00	61.31 2.91 0.00	50.44 2.50 0.00	37.93 1.92 1.96	39.78 1.95 1.29	44.57 1.84 0.36	46.87 1.80 0.00	45.73 1.66 0.00	39.25 1.31 0.00
NEWKRMKL_115KV_TB1 55635	48.32 -0.23 0.09	41.29 0.00 0.00	41.80 0.12 0.00	45.46 0.09 0.00	43.53 0.07 0.00	41.21 0.08 0.00	42.56 0.11 0.00	36.91 0.28 0.00	36.37 0.32 0.00	36.75 0.15 0.00	38.83 -0.13 0.47	44.75 -0.25 0.67	50.31 -0.12 0.55	58.96 0.19 0.00	54.53 0.43 0.00	63.17 0.44 0.00	58.72 0.31 0.00	48.52 0.58 0.00	38.80 0.44 -0.39	39.89 0.28 -0.50	43.41 0.14 -0.18	45.10 0.03 0.00	43.98 -0.08 0.00	37.88 -0.06 0.00
NEWTON___FALLS_HYD 23847	50.37 1.64 -0.09	42.45 1.15 -0.01	42.68 0.93 -0.07	46.72 1.19 -0.15	44.50 1.04 0.00	41.85 0.72 0.00	43.35 0.89 0.00	37.51 0.88 0.00	37.09 1.04 0.00	37.81 1.23 0.00	40.73 1.29 0.00	47.36 1.70 0.00	52.72 1.73 -0.01	59.95 1.15 -0.03	54.73 0.63 0.00	63.86 1.12 -0.01	60.00 1.59 0.00	48.64 0.70 0.00	38.48 0.51 0.00	40.06 0.95 0.00	44.62 1.53 0.00	46.83 1.76 0.00	45.74 1.67 0.00	39.16 1.22 -0.01
NGRID_A1_DSASP 323792	48.63 -0.02 0.00	40.71 -0.58 0.00	41.08 -0.60 0.00	43.81 -1.56 0.00	41.51 -1.95 0.00	39.42 -1.71 0.00	40.52 -1.93 0.00	34.13 -2.49 0.00	33.91 -2.14 0.00	34.67 -1.92 0.00	37.81 -1.63 0.00	43.59 -2.07 0.00	47.85 -3.14 0.00	54.66 -4.11 0.00	49.85 -4.25 0.00	57.24 -5.50 0.00	53.00 -5.40 0.60	42.35 -4.99 2.09	31.73 -4.15 0.00	34.97 -4.14 0.00	38.53 -4.55 0.00	41.04 -4.03 0.00	40.61 -3.45 0.00	35.50 -2.43 0.00
NGRID_A2_DSASP 323793	48.63 -0.02 0.00	40.71 -0.58 0.00	41.08 -0.60 0.00	43.81 -1.56 0.00	41.51 -1.95 0.00	39.42 -1.71 0.00	40.52 -1.93 0.00	34.13 -2.49 0.00	33.91 -2.14 0.00	34.67 -1.92 0.00	37.81 -1.63 0.00	43.59 -2.07 0.00	47.85 -3.14 0.00	54.66 -4.11 0.00	49.85 -4.25 0.00	57.24 -5.50 0.00	53.00 -5.40 0.60	42.35 -4.99 2.09	31.73 -4.15 0.00	34.97 -4.14 0.00	38.53 -4.55 0.00	41.04 -4.03 0.00	40.61 -3.45 0.00	35.50 -2.43 0.00
NGRID_A4_DSASP 323807	48.63 -0.02 0.00	40.71 -0.58 0.00	41.08 -0.60 0.00	43.81 -1.56 0.00	41.51 -1.95 0.00	39.42 -1.71 0.00	40.52 -1.93 0.00	34.13 -2.49 0.00	33.91 -2.14 0.00	34.67 -1.92 0.00	37.81 -1.63 0.00	43.59 -2.07 0.00	47.85 -3.14 0.00	54.66 -4.11 0.00	49.85 -4.25 0.00	57.24 -5.50 0.00	53.00 -5.40 0.60	42.35 -4.99 2.09	31.73 -4.15 0.00	34.97 -4.14 0.00	38.53 -4.55 0.00	41.04 -4.03 0.00	40.61 -3.45 0.00	35.50 -2.43 0.00
NIAGARA_115E_LBMP 323715	48.72 0.08 0.00	40.80 -0.48 0.00	41.31 -0.37 0.00	44.10 -1.28 0.00	41.77 -1.69 0.00	39.67 -1.46 0.00	40.79 -1.66 0.00	34.18 -2.44 0.00	33.95 -2.10 0.00	34.72 -1.87 0.00	37.85 -1.58 0.00	43.63 -2.03 0.00	47.68 -3.31 0.00	54.43 -4.34 0.00	49.69 -4.41 0.00	57.04 -5.70 0.00	52.73 -5.67 0.59	42.16 -5.18 2.10	31.67 -4.20 0.00	34.83 -4.29 0.00	38.41 -4.68 0.00	40.91 -4.16 0.00	40.52 -3.54 0.00	35.41 -2.52 0.00
NIAGARA_115W_LBMP 323714	48.52 -0.12 0.00	40.62 -0.67 0.00	40.99 -0.69 0.00	43.72 -1.65 0.00	41.42 -2.04 0.00	39.34 -1.80 0.00	40.45 -2.01 0.00	34.06 -2.56 0.00	33.84 -2.21 0.00	34.60 -1.99 0.00	37.73 -1.70 0.00	43.49 -2.17 0.00	47.75 -3.24 0.00	54.54 -4.23 0.00	49.74 -4.36 0.00	57.12 -5.62 0.00	52.88 -5.52 0.59	42.26 -5.09 2.08	31.67 -4.22 0.00	34.90 -4.22 0.00	38.47 -4.62 0.00	40.95 -4.11 0.00	40.55 -3.52 0.00	35.43 -2.50 0.00
NIAGARA_230_LBMP 323716	48.74 0.10 0.00	40.83 -0.46 0.00	41.22 -0.45 0.00	44.02 -1.36 0.00	41.72 -1.73 0.00	39.61 -1.52 0.00	40.75 -1.71 0.00	34.35 -2.27 0.00	34.10 -1.95 0.00	34.86 -1.73 0.00	38.00 -1.43 0.00	43.82 -1.84 0.00	48.13 -2.86 0.00	54.99 -3.77 0.00	50.18 -3.93 0.00	57.67 -5.07 0.00	53.36 -5.04 0.56	42.75 -4.63 2.02	32.09 -3.85 0.00	35.29 -3.83 0.00	38.88 -4.21 0.00	41.33 -3.73 0.00	40.88 -3.19 0.00	35.68 -2.25 0.00
NIAGARA___115KV_198_GIBSON 55903	48.52 -0.12 0.00	40.62 -0.67 0.00	40.99 -0.68 0.00	43.72 -1.66 0.00	41.43 -2.03 0.00	39.34 -1.80 0.00	40.45 -2.00 0.00	34.06 -2.56 0.00	33.84 -2.21 0.00	34.59 -2.00 0.00	37.72 -1.71 0.00	43.47 -2.19 0.00	47.73 -3.26 0.00	54.54 -4.23 0.00	49.73 -4.37 0.00	57.11 -5.62 0.00	52.88 -5.52 0.59	42.25 -5.09 2.08	31.65 -4.24 0.00	34.88 -4.24 0.00	38.45 -4.64 0.00	40.93 -4.14 0.00	40.55 -3.52 0.00	35.43 -2.50 0.00
NIAGARA____ 23760	48.74 0.10 0.00	40.83 -0.46 0.00	41.22 -0.45 0.00	44.02 -1.36 0.00	41.72 -1.73 0.00	39.61 -1.52 0.00	40.75 -1.71 0.00	34.35 -2.27 0.00	34.10 -1.95 0.00	34.86 -1.73 0.00	38.00 -1.43 0.00	43.82 -1.84 0.00	48.13 -2.86 0.00	54.99 -3.77 0.00	50.18 -3.93 0.00	57.67 -5.07 0.00	53.36 -5.04 0.58	42.74 -4.63 2.05	32.07 -3.85 0.00	35.29 -3.83 0.00	38.88 -4.21 0.00	41.33 -3.73 0.00	40.88 -3.19 0.00	35.68 -2.25 0.00
NINE_MILE_1 23575	45.68 -1.36 1.60	39.93 -1.22 0.14	39.16 -1.26 1.26	41.08 -1.49 2.81	41.98 -1.48 0.00	39.77 -1.36 0.00	41.04 -1.41 0.00	35.33 -1.29 0.00	34.79 -1.27 0.00	35.34 -1.24 0.00	38.18 -1.26 0.00	44.26 -1.41 0.15	49.19 -1.65 0.59	56.21 -1.97 0.00	52.28 -1.82 0.00	60.46 -2.16 0.11	56.36 -2.04 0.00	46.26 -1.68 0.00	36.59 -1.38 0.00	37.70 -1.42 0.00	41.49 -1.60 0.00	43.42 -1.64 0.00	42.47 -1.60 0.00	36.37 -1.35 0.22
NINE_MILE_2 23744	45.66 -1.36 1.63	39.92 -1.22 0.14	39.14 -1.26 1.28	41.05 -1.48 2.85	41.98 -1.48 0.00	39.77 -1.36 0.00	41.04 -1.41 0.00	35.34 -1.29 0.00	34.79 -1.27 0.00	35.34 -1.24 0.00	38.18 -1.26 0.00	44.26 -1.41 0.15	49.19 -1.65 0.60	56.20 -1.97 0.00	52.28 -1.82 0.12	60.46 -2.16 0.00	56.36 -2.04 0.00	46.26 -1.68 0.00	36.59 -1.38 0.00	37.70 -1.42 0.00	41.49 -1.60 0.00	43.42 -1.64 0.00	42.47 -1.60 0.00	36.36 -1.35 0.22
NM_CAPITAL___DRP 24208	48.38 -0.16 0.10	41.36 0.08 0.00	41.88 0.21 0.00	45.49 0.11 0.00	43.55 0.09 0.00	41.22 0.09 0.00	42.59 0.13 0.00	36.91 0.28 0.00	36.37 0.32 0.00	36.74 0.15 0.00	38.72 -0.14 0.57	44.65 -0.25 0.77	50.31 -0.06 0.62	59.03 0.26 0.00	54.59 0.49 0.00	63.23 0.49 0.00	58.75 0.35 0.00	48.60 0.66 0.00	38.88 0.51 -0.40	39.98 0.35 -0.51	43.50 0.22 -0.19	45.18 0.11 0.00	44.08 0.02 0.00	37.95 0.02 0.00
NM_CENTRAL___DRP 24181	48.54 -0.25 -0.15	40.97 -0.33 -0.01	41.41 -0.39 -0.12	45.08 -0.57 -0.27	42.85 -0.61 0.00	40.58 -0.55 0.00	41.88 -0.58 0.00	36.03 -0.59 0.00	35.47 -0.58 0.00	36.06 -0.53 0.00	39.02 -0.41 0.00	45.31 -0.35 0.00	50.52 -0.48 -0.02	58.14 -0.69 -0.06	53.50 -0.61 0.00	61.99 -0.76 -0.01	57.67 -0.73 0.00	47.35 -0.59 0.00	37.39 -0.58 0.00	38.51 -0.60 0.00	42.34 -0.75 0.00	44.28 -0.78 0.00	43.30 -0.77 0.00	37.35 -0.60 -0.02

NM_FRONTIER___DRP 24179	48.52 -0.12 0.00	40.62 -0.67 0.00	40.99 -0.68 0.00	43.72 -1.66 0.00	41.43 -2.03 0.00	39.34 -1.80 0.00	40.45 -2.00 0.00	34.06 -2.56 0.00	33.84 -2.21 0.00	34.59 -2.00 0.00	37.72 -1.71 0.00	43.47 -2.19 0.00	47.73 -3.26 0.00	54.54 -4.23 0.00	49.73 -4.37 0.00	57.11 -5.62 0.00	52.88 -5.52 0.00	42.25 -5.09 0.59	31.65 -4.24 2.08	34.88 -4.24 0.00	38.45 -4.64 0.00	40.93 -4.14 0.00	40.55 -3.52 0.00	35.43 -2.50 0.00
NM_ST_REGIS___HYD 24053	49.86 1.21 0.00	42.10 0.81 0.00	42.34 0.67 0.00	46.33 0.96 0.00	44.49 1.03 0.00	42.04 0.91 0.00	43.39 0.93 0.00	37.39 0.76 0.00	36.86 0.81 0.00	37.54 0.96 0.00	40.56 1.12 0.00	47.06 1.40 0.00	52.44 1.45 0.00	59.83 1.07 0.00	54.76 0.66 0.00	63.84 1.10 0.00	59.66 1.26 0.00	48.24 0.30 0.00	38.38 0.41 0.00	39.98 0.87 0.00	44.46 1.37 0.00	46.57 1.51 0.00	45.48 1.42 0.00	38.93 1.00 0.00
NORTHPORT___1 23551	49.89 1.13 -0.12	42.57 1.28 0.00	43.05 1.37 0.00	47.38 1.53 -0.47	45.62 1.63 -0.53	42.61 1.48 0.00	43.79 1.34 0.00	39.26 1.63 -1.01	41.70 1.75 -3.90	49.76 1.75 -11.42	49.53 1.47 -8.63	49.02 1.52 -1.84	49.18 1.71 3.52	49.54 2.49 11.72	85.11 2.33 -28.68	78.76 2.61 -13.41	36.62 2.59 24.37	97.67 2.33 -47.39	30.25 1.32 9.05	31.46 1.13 8.79	44.95 0.89 -0.97	45.65 1.23 0.64	40.15 1.05 4.97	39.50 1.57 0.00
NORTHPORT___2 23552	49.89 1.13 -0.12	42.57 1.28 0.00	43.05 1.37 0.00	47.38 1.53 -0.47	45.62 1.63 -0.53	42.61 1.48 0.00	43.79 1.34 0.00	39.26 1.63 -1.01	41.70 1.75 -3.90	49.76 1.75 -11.42	49.53 1.47 -8.63	49.02 1.52 -1.84	49.18 1.71 3.52	49.54 2.49 11.72	85.11 2.33 -28.68	78.76 2.61 -13.41	36.62 2.59 24.37	97.67 2.33 -47.39	30.25 1.32 9.05	31.46 1.13 8.79	44.95 0.89 -0.97	45.65 1.23 0.64	40.15 1.05 4.97	39.50 1.57 0.00
NORTHPORT___3 23553	50.01 1.25 -0.12	42.69 1.41 0.00	43.16 1.48 0.00	47.47 1.62 -0.47	45.69 1.69 -0.53	42.70 1.56 0.00	43.93 1.47 0.00	39.34 1.71 -1.01	41.76 1.81 -3.90	49.84 1.83 -11.42	49.60 1.53 -8.63	49.19 1.68 -1.85	49.19 1.70 3.51	49.57 2.52 11.71	85.19 2.40 -28.69	78.90 2.75 -13.42	36.75 2.71 24.36	97.74 2.41 -47.38	30.23 1.30 9.04	31.46 1.12 8.78	45.05 0.99 -0.97	45.63 1.20 0.64	40.08 1.06 5.04	39.56 1.63 0.00
NORTHPORT___4 23650	50.01 1.25 -0.12	42.69 1.41 0.00	43.16 1.48 0.00	47.47 1.62 -0.47	45.69 1.69 -0.53	42.70 1.56 0.00	43.93 1.47 0.00	39.34 1.71 -1.01	41.76 1.81 -3.90	49.84 1.83 -11.42	49.60 1.53 -8.63	49.19 1.68 -1.85	49.19 1.70 3.51	49.57 2.52 11.71	85.19 2.40 -28.69	78.90 2.75 -13.42	36.75 2.71 24.36	97.74 2.41 -47.38	30.23 1.30 9.04	31.46 1.12 8.78	45.05 0.99 -0.97	45.63 1.20 0.64	40.08 1.06 5.04	39.56 1.63 0.00
NORTHPORT___IC 23718	49.88 1.12 -0.12	42.57 1.28 0.00	43.05 1.37 0.00	47.38 1.53 -0.47	45.62 1.62 -0.53	42.61 1.48 0.00	43.79 1.33 0.00	39.26 1.63 -1.01	41.70 1.74 -3.90	49.76 1.75 -11.42	49.54 1.47 -8.64	49.03 1.53 -1.84	49.20 1.73 3.52	49.54 2.49 11.72	85.11 2.33 -28.68	78.76 2.61 -13.41	36.62 2.58 24.37	97.67 2.33 -47.39	30.26 1.33 9.04	31.47 1.14 8.79	44.96 0.90 -0.97	45.66 1.24 0.64	40.19 1.09 4.97	39.51 1.58 0.00
NORTH___COUNTRY_ESR 323785	48.71 0.07 0.00	41.16 -0.13 0.00	41.38 -0.30 0.00	45.23 -0.15 0.00	43.51 0.05 0.00	41.19 0.06 0.00	42.45 -0.01 0.00	36.65 0.03 0.00	36.25 0.20 0.00	36.84 0.25 0.00	39.82 0.38 0.00	45.94 0.27 0.00	51.35 0.36 0.00	58.74 -0.03 0.00	53.83 -0.28 0.00	62.83 0.09 0.00	58.69 0.28 0.00	47.93 -0.01 0.00	38.07 0.10 0.00	39.42 0.30 0.00	43.69 0.61 0.00	45.69 0.62 0.00	44.62 0.56 0.00	38.41 0.47 0.00
NPX_GEN_1385_PROXY 323591	50.11 1.35 -0.12	42.15 0.87 0.00	42.77 1.09 0.00	47.62 1.77 -0.47	46.03 2.04 -0.53	42.78 1.65 0.00	43.55 1.10 0.00	39.04 1.80 -0.62	41.70 1.75 -3.90	49.53 1.53 -11.42	49.14 1.08 -8.63	48.32 0.81 -1.84	32.25 0.81 19.55	49.16 2.11 11.72	85.18 2.40 -28.68	78.88 2.73 -13.41	36.55 2.52 24.37	97.80 2.47 -47.39	30.16 1.23 9.05	31.48 1.15 8.79	45.44 1.38 -0.97	45.87 1.45 0.64	40.39 1.30 4.97	37.94 1.51 1.50
NPX_GEN_CSC 323557	50.10 1.34 -0.12	42.77 1.49 0.00	43.17 1.50 0.00	47.41 1.56 -0.47	45.62 1.63 -0.53	42.64 1.51 0.00	43.83 1.38 0.00	38.92 1.69 -0.62	41.85 1.90 -3.90	49.91 1.91 -11.42	49.78 1.68 -8.66	49.36 1.85 -1.85	63.67 2.15 -10.53	77.31 3.08 -15.46	85.68 2.89 -28.69	79.47 3.31 -13.42	85.55 3.28 -23.87	98.34 2.91 -47.49	41.00 1.74 -1.28	42.49 1.51 -1.86	45.30 1.24 -0.97	46.14 1.69 0.60	41.01 1.44 4.50	38.32 1.89 1.50
NSINS_S_GLNS_FALLS 23858	51.13 2.59 0.10	43.53 2.25 0.00	43.98 2.30 0.00	47.80 2.43 0.00	45.64 2.18 0.00	43.22 2.09 0.00	44.69 2.23 0.00	38.52 1.89 0.00	37.95 1.89 0.00	38.14 1.55 0.00	39.95 1.11 0.59	46.26 1.38 0.78	52.31 1.96 0.63	61.46 2.69 0.00	57.16 3.05 0.00	66.50 3.77 0.00	61.67 3.27 0.00	51.07 3.14 0.00	40.91 2.58 -0.37	41.99 2.40 -0.47	45.82 2.57 -0.17	47.42 2.36 0.00	46.17 2.10 0.00	39.50 1.57 0.00
NUCOR_STEEL___DRP 24197	49.46 0.56 -0.25	41.60 0.29 -0.02	42.15 0.27 -0.20	45.98 0.16 -0.44	43.33 -0.12 0.00	41.05 -0.08 0.00	42.36 -0.09 0.00	36.52 -0.11 0.00	35.88 -0.17 0.00	36.46 -0.12 0.00	39.59 0.16 0.00	45.99 0.33 0.00	51.16 0.15 -0.02	58.93 0.07 -0.09	53.85 -0.26 0.00	62.65 -0.10 -0.02	58.37 -0.03 0.00	47.92 -0.01 0.00	38.85 -0.09 -0.97	38.93 -0.19 0.00	42.92 -0.17 0.00	44.89 -0.17 0.00	43.89 -0.18 0.00	37.71 -0.26 -0.03
NUMBER_THREE_WT_PWR 323818	50.64 1.90 -0.11	42.65 1.35 -0.01	42.80 1.04 -0.08	46.83 1.27 -0.19	44.37 0.91 0.00	41.53 0.39 0.00	43.14 0.69 0.00	37.52 0.90 0.00	37.29 1.24 0.00	38.02 1.43 0.00	40.87 1.44 0.00	47.61 1.95 0.00	52.94 1.94 -0.01	59.98 1.17 -0.04	54.61 0.51 0.00	63.81 1.07 -0.01	60.34 1.94 0.00	49.20 1.26 0.00	38.74 0.77 0.00	40.19 1.08 0.00	44.80 1.71 0.00	47.06 2.00 0.00	45.97 1.90 0.00	39.43 1.49 -0.01
NYISO_LBMP_REFERENCE 24008	48.64 0.00 0.00	41.29 0.00 0.00	41.68 0.00 0.00	45.38 0.00 0.00	43.46 0.00 0.00	41.13 0.00 0.00	42.46 0.00 0.00	36.62 0.00 0.00	36.05 0.00 0.00	36.59 0.00 0.00	39.43 0.00 0.00	45.66 0.00 0.00	50.99 0.00 0.00	58.77 0.00 0.00	54.11 0.00 0.00	62.73 0.00 0.00	58.40 0.00 0.00	47.94 0.00 0.00	37.97 0.00 0.00	39.12 0.00 0.00	43.09 0.00 0.00	45.07 0.00 0.00	44.07 0.00 0.00	37.93 0.00 0.00
NYPA_BRENTWD____GT 24164	50.81 2.06 -0.12	43.34 2.05 0.00	43.77 2.09 0.00	48.10 2.25 -0.47	46.28 2.29 -0.53	43.25 2.12 0.00	44.45 1.99 0.00	39.83 2.20 -1.01	42.32 2.36 -3.90	50.41 2.40 -11.42	50.40 2.28 -8.69	50.04 2.53 -1.85	64.32 2.81 -10.51	77.37 3.73 -14.87	86.02 3.23 -28.69	79.71 3.55 -13.42	84.73 3.49 -22.84	98.74 3.19 -47.60	41.20 2.17 -1.06	42.75 2.00 -1.63	45.82 1.76 -0.97	46.77 2.27 0.57	42.22 2.07 3.92	40.31 2.38 0.00

NYPA_GOWANUS____GT5 24156	49.83 1.07 -0.12	42.54 1.25 0.00	42.71 1.04 0.00	46.31 0.93 0.00	44.54 1.08 0.00	42.14 1.01 0.00	43.49 1.03 0.00	37.88 1.25 0.00	37.57 1.52 0.00	39.06 1.74 -0.74	41.98 1.88 -0.67	48.62 2.07 -0.89	53.92 2.22 -0.71	61.93 3.17 0.00	57.06 2.95 0.00	66.35 3.62 0.00	61.90 3.49 0.00	51.16 3.22 0.00	42.65 2.58 -2.10	44.25 2.43 -2.70	46.33 2.27 -0.97	47.40 2.33 0.00	46.55 2.49 0.00	40.19 2.26 0.00
NYPA_GOWANUS____GT6 24157	49.83 1.07 -0.12	42.54 1.25 0.00	42.71 1.04 0.00	46.31 0.93 0.00	44.54 1.08 0.00	42.14 1.01 0.00	43.49 1.03 0.00	37.88 1.25 0.00	37.57 1.52 0.00	39.06 1.74 -0.74	41.98 1.88 -0.67	48.62 2.07 -0.89	53.92 2.22 -0.71	61.93 3.17 0.00	57.06 2.95 0.00	66.35 3.62 0.00	61.90 3.49 0.00	51.16 3.22 0.00	42.65 2.58 -2.10	44.25 2.43 -2.70	46.33 2.27 -0.97	47.40 2.33 0.00	46.55 2.49 0.00	40.19 2.26 0.00
NYPA_HARLEM__RVR__GT1 24160	49.93 1.18 -0.12	42.55 1.26 0.00	42.68 1.01 0.00	46.33 0.95 0.00	44.58 1.12 0.00	42.17 1.04 0.00	43.51 1.05 0.00	37.91 1.29 0.00	37.62 1.56 0.00	39.11 1.79 -0.74	42.00 1.90 -0.67	48.61 2.05 -0.89	53.94 2.24 -0.71	61.92 3.15 0.00	57.06 2.95 0.00	66.28 3.55 0.00	61.82 3.41 0.00	51.09 3.15 0.00	42.50 2.43 -2.10	44.11 2.29 -2.70	46.21 2.15 -0.97	47.25 2.19 0.00	46.48 2.42 0.00	40.16 2.23 0.00
NYPA_HARLEM__RVR__GT2 24161	49.93 1.18 -0.12	42.55 1.26 0.00	42.68 1.01 0.00	46.33 0.95 0.00	44.58 1.12 0.00	42.17 1.04 0.00	43.51 1.05 0.00	37.91 1.29 0.00	37.62 1.56 0.00	39.11 1.79 -0.74	42.00 1.90 -0.67	48.61 2.05 -0.89	53.94 2.24 -0.71	61.92 3.15 0.00	57.06 2.95 0.00	66.28 3.55 0.00	61.82 3.41 0.00	51.09 3.15 0.00	42.50 2.43 -2.10	44.11 2.29 -2.70	46.21 2.15 -0.97	47.25 2.19 0.00	46.48 2.42 0.00	40.16 2.23 0.00
NYPA_KENT____GT 24152	49.88 1.13 -0.12	42.54 1.26 0.00	42.73 1.05 0.00	46.34 0.96 0.00	44.56 1.10 0.00	42.17 1.03 0.00	43.50 1.05 0.00	37.90 1.28 0.00	37.60 1.54 0.00	39.07 1.75 -0.74	41.99 1.89 -0.67	48.64 2.09 -0.89	53.99 2.28 -0.71	61.96 3.20 0.00	57.07 2.96 0.00	66.34 3.60 0.00	61.89 3.48 0.00	51.14 3.21 0.00	42.59 2.52 -2.10	44.20 2.37 -2.70	46.27 2.21 -0.97	47.33 2.27 0.00	46.50 2.44 0.00	40.17 2.24 0.00
NYPA_POUCH1____GT 24155	49.03 0.83 0.45	42.40 1.11 0.00	42.58 0.90 0.00	46.16 0.79 0.00	44.41 0.95 0.00	42.01 0.88 0.00	43.33 0.87 0.00	37.75 1.12 0.00	37.44 1.38 0.00	38.91 1.58 -0.74	41.82 1.72 -0.67	48.36 1.83 -0.87	50.55 1.98 2.43	61.70 2.94 0.00	56.85 2.75 0.00	66.12 3.38 0.00	61.68 3.27 0.00	51.01 3.08 0.00	42.62 2.55 -2.10	44.22 2.40 -2.70	46.28 2.21 -0.97	47.36 2.29 0.00	46.46 2.39 0.00	40.10 2.17 0.00
NYPA_VERNON____GT2 24162	49.94 1.18 -0.12	42.54 1.26 0.00	42.74 1.07 0.00	46.35 0.97 0.00	44.56 1.10 0.00	42.19 1.05 0.00	43.53 1.07 0.00	37.92 1.30 0.00	37.63 1.58 0.00	39.09 1.77 -0.74	42.00 1.90 -0.67	48.68 2.13 -0.89	54.08 2.38 -0.71	62.02 3.25 0.00	57.11 3.00 0.00	66.37 3.63 0.00	61.93 3.53 0.00	51.17 3.23 0.00	42.55 2.49 -2.10	44.17 2.35 -2.70	46.25 2.19 -0.97	47.30 2.24 0.00	46.44 2.37 0.00	40.13 2.20 0.00
NYPA_VERNON____GT3 24163	49.94 1.18 -0.12	42.54 1.26 0.00	42.74 1.07 0.00	46.35 0.97 0.00	44.56 1.10 0.00	42.19 1.05 0.00	43.53 1.07 0.00	37.92 1.30 0.00	37.63 1.58 0.00	39.09 1.77 -0.74	42.00 1.90 -0.67	48.68 2.13 -0.89	54.08 2.38 -0.71	62.02 3.25 0.00	57.11 3.00 0.00	66.37 3.63 0.00	61.93 3.53 0.00	51.17 3.23 0.00	42.55 2.49 -2.10	44.17 2.35 -2.70	46.25 2.19 -0.97	47.30 2.24 0.00	46.44 2.37 0.00	40.13 2.20 0.00
NYPA____ASTORIA_CC1 323568	49.81 1.06 -0.12	42.45 1.16 0.00	42.64 0.97 0.00	46.25 0.87 0.00	44.48 1.02 0.00	42.08 0.95 0.00	43.43 0.97 0.00	37.84 1.22 0.00	37.56 1.51 0.00	39.03 1.70 -0.74	41.93 1.83 -0.67	48.57 2.02 -0.89	53.96 2.25 -0.71	61.88 3.11 0.00	57.00 2.89 0.00	66.24 3.50 0.00	61.80 3.40 0.00	51.08 3.14 0.00	42.48 2.41 -2.10	44.09 2.26 -2.70	46.16 2.10 -0.97	47.21 2.15 0.00	46.37 2.30 0.00	40.07 2.14 0.00
NYPA____ASTORIA_CC2 323569	49.81 1.06 -0.12	42.45 1.16 0.00	42.64 0.97 0.00	46.25 0.87 0.00	44.48 1.02 0.00	42.08 0.95 0.00	43.43 0.97 0.00	37.84 1.22 0.00	37.56 1.51 0.00	39.03 1.70 -0.74	41.93 1.83 -0.67	48.57 2.02 -0.89	53.96 2.25 -0.71	61.88 3.11 0.00	57.00 2.89 0.00	66.24 3.50 0.00	61.80 3.40 0.00	51.08 3.14 0.00	42.48 2.41 -2.10	44.09 2.26 -2.70	46.16 2.10 -0.97	47.21 2.15 0.00	46.37 2.30 0.00	40.07 2.14 0.00
NYPA____HOLTSVILL 23794	50.29 1.53 -0.12	42.98 1.70 0.00	43.42 1.74 0.00	47.71 1.86 -0.47	45.91 1.91 -0.53	42.90 1.77 0.00	44.11 1.65 0.00	39.53 1.90 -1.01	42.02 2.07 -3.90	50.07 2.06 -11.42	49.95 1.86 -8.66	49.58 2.08 -1.85	64.23 2.36 -10.89	77.59 3.25 -15.58	85.79 2.99 -28.69	79.51 3.36 -13.42	85.81 3.33 -24.08	98.35 2.93 -47.48	41.12 1.82 -1.33	42.65 1.62 -1.91	45.42 1.36 -0.97	46.23 1.78 0.61	41.10 1.57 4.54	39.93 2.00 0.00
NYPA____HELLGATE_GT1 24158	49.93 1.18 -0.12	42.55 1.26 0.00	42.68 1.01 0.00	46.33 0.95 0.00	44.58 1.12 0.00	42.17 1.04 0.00	43.51 1.05 0.00	37.91 1.29 0.00	37.62 1.56 0.00	39.11 1.79 -0.74	42.00 1.90 -0.67	48.61 2.05 -0.89	53.98 2.28 -0.71	61.92 3.15 0.00	57.06 2.95 0.00	66.28 3.55 0.00	61.82 3.41 0.00	51.09 3.15 0.00	42.50 2.43 -2.10	44.11 2.29 -2.70	46.21 2.15 -0.97	47.25 2.19 0.00	46.48 2.42 0.00	40.16 2.23 0.00
NYPA____HELLGATE_GT2 24159	49.93 1.18 -0.12	42.55 1.26 0.00	42.68 1.01 0.00	46.33 0.95 0.00	44.58 1.12 0.00	42.17 1.04 0.00	43.51 1.05 0.00	37.91 1.29 0.00	37.62 1.56 0.00	39.11 1.79 -0.74	42.00 1.90 -0.67	48.61 2.05 -0.89	53.98 2.28 -0.71	61.92 3.15 0.00	57.06 2.95 0.00	66.28 3.55 0.00	61.82 3.41 0.00	51.09 3.15 0.00	42.50 2.43 -2.10	44.11 2.29 -2.70	46.21 2.15 -0.97	47.25 2.19 0.00	46.48 2.42 0.00	40.16 2.23 0.00
NYS_BARGE____HYD 23848	49.23 0.59 0.00	41.21 -0.08 0.00	41.64 -0.03 0.00	44.45 -0.92 0.00	42.12 -1.34 0.00	40.00 -1.13 0.00	41.14 -1.32 0.00	34.55 -2.07 0.00	34.33 -1.73 0.00	35.14 -1.45 0.00	38.28 -1.15 0.00	44.14 -1.52 0.00	48.36 -2.63 0.00	55.21 -3.55 0.00	50.47 -3.64 0.00	57.98 -4.76 0.00	53.63 -4.77 0.00	42.93 -4.45 0.55	32.27 -3.69 2.01	35.40 -3.72 0.00	39.03 -4.07 0.00	41.52 -3.54 0.00	41.08 -2.99 0.00	35.95 -1.98 0.00
OAK ORCHARD____HYD 24046	49.53 0.89 0.00	41.64 0.36 0.00	41.97 0.30 0.00	45.12 -0.26 0.00	42.94 -0.52 0.00	40.71 -0.42 0.00	41.95 -0.50 0.00	35.74 -0.88 0.00	35.41 -0.64 0.00	36.18 -0.41 0.00	39.28 -0.15 0.00	45.43 -0.23 0.00	50.28 -0.71 0.00	57.80 -0.97 0.00	53.06 -1.05 0.00	61.21 -1.52 0.00	56.69 -1.71 0.00	46.23 -1.70 0.00	35.12 -1.52 1.33	37.63 -1.48 0.00	41.40 -1.69 0.00	43.60 -1.46 0.00	42.80 -1.27 0.00	37.06 -0.87 0.00

OAKDALE___35_KV_LOAD 356122	48.90 0.15 -0.11	41.27 -0.03 -0.01	41.72 -0.04 -0.09	45.49 -0.08 -0.19	43.26 -0.19 0.00	41.03 -0.11 0.00	42.36 -0.09 0.00	36.41 -0.21 0.00	35.79 -0.26 0.00	36.35 -0.24 0.00	39.41 -0.02 0.00	45.70 0.03 0.00	50.94 -0.05 -0.01	58.70 -0.11 -0.04	53.92 -0.19 0.00	62.38 -0.36 -0.01	57.94 -0.46 0.00	47.63 -0.31 0.00	36.18 -0.34 1.45	38.91 -0.21 0.00	42.73 -0.36 0.00	44.74 -0.32 0.00	43.75 -0.32 0.00	37.67 -0.28 -0.02
OCC_CHEM___DRP 24175	48.63 -0.02 0.00	40.71 -0.58 0.00	41.08 -0.60 0.00	43.81 -1.57 0.00	41.51 -1.95 0.00	39.41 -1.72 0.00	40.53 -1.93 0.00	34.13 -2.49 0.00	33.91 -2.14 0.00	34.66 -1.92 0.00	37.80 -1.63 0.00	43.56 -2.10 0.00	47.84 -3.15 0.00	54.66 -4.11 0.00	49.84 -4.27 0.00	57.24 -5.50 0.00	53.00 -5.40 0.00	42.34 -5.00 0.60	31.71 -4.18 2.09	34.95 -4.17 0.00	38.53 -4.56 0.00	41.02 -4.04 0.00	40.61 -3.46 0.00	35.50 -2.43 0.00
OH_GEN_PROXY 24063	48.69 0.05 0.00	40.79 -0.50 0.00	41.19 -0.49 0.00	44.01 -1.37 0.00	41.72 -1.73 0.00	39.61 -1.52 0.00	40.76 -1.70 0.00	34.01 -2.21 0.39	34.16 -1.89 0.00	34.91 -1.68 0.00	38.04 -1.39 0.00	43.89 -1.78 0.00	47.93 -2.76 0.30	55.11 -3.66 0.00	50.30 -3.81 0.00	57.84 -4.90 0.00	53.53 -4.87 0.00	42.94 -4.48 0.51	32.22 -3.74 2.01	35.43 -3.69 0.00	39.02 -4.07 0.00	41.44 -3.62 0.00	40.95 -3.12 0.00	34.20 -2.23 1.50
OLIN_CORP_DRP 24177	48.78 0.14 0.00	40.86 -0.43 0.00	41.34 -0.33 0.00	44.12 -1.25 0.00	41.82 -1.64 0.00	39.71 -1.42 0.00	40.85 -1.61 0.00	34.24 -2.38 0.00	34.00 -2.05 0.00	34.77 -1.81 0.00	37.91 -1.52 0.00	43.69 -1.97 0.00	47.78 -3.21 0.00	54.57 -4.20 0.00	49.81 -4.30 0.00	57.20 -5.54 0.00	52.90 -5.50 0.00	42.27 -5.07 0.61	31.78 -4.07 2.13	34.90 -4.22 0.00	38.50 -4.59 0.00	40.99 -4.07 0.00	40.61 -3.45 0.00	35.49 -2.45 0.00
OLIN_CORP_DSASP 323712	48.63 -0.02 0.00	40.71 -0.58 0.00	41.08 -0.60 0.00	43.81 -1.56 0.00	41.51 -1.95 0.00	39.42 -1.71 0.00	40.52 -1.93 0.00	34.13 -2.49 0.00	33.91 -2.14 0.00	34.67 -1.92 0.00	37.81 -1.63 0.00	43.59 -2.07 0.00	47.85 -3.14 0.00	54.66 -4.11 0.00	49.85 -4.25 0.00	57.24 -5.50 0.00	53.00 -5.40 0.00	42.35 -4.99 0.60	31.73 -4.15 2.09	34.97 -4.14 0.00	38.53 -4.55 0.00	41.04 -4.03 0.00	40.61 -3.45 0.00	35.50 -2.43 0.00
ONEIDA_HERK_LFGE 323681	50.21 1.52 -0.06	42.43 1.14 0.00	42.72 0.99 -0.05	46.58 1.10 -0.11	44.35 0.89 0.00	41.80 0.66 0.00	43.26 0.80 0.00	37.44 0.82 0.00	36.99 0.93 0.00	37.59 1.00 0.00	40.51 1.08 0.00	47.07 1.41 0.00	52.60 1.60 -0.01	60.14 1.35 -0.02	55.21 1.11 0.00	64.20 1.47 0.00	60.24 1.84 0.00	49.33 1.39 0.00	38.96 0.99 0.00	40.24 1.13 0.00	44.50 1.41 0.00	46.57 1.50 0.00	45.45 1.38 0.00	39.03 1.10 -0.01
ONEIDA___115KV_TB4 55905	50.18 1.46 -0.08	42.41 1.11 -0.01	42.79 1.04 -0.07	46.56 1.04 -0.15	44.36 0.90 0.00	41.96 0.83 0.00	43.33 0.88 0.00	37.34 0.71 0.00	36.67 0.62 0.00	37.19 0.60 0.00	40.16 0.73 0.00	46.74 1.08 0.00	52.43 1.43 -0.01	60.16 1.36 -0.03	55.51 1.41 0.00	64.36 1.62 -0.01	60.27 1.87 0.00	49.50 1.56 0.00	39.11 1.14 0.00	40.28 1.16 0.00	44.33 1.24 0.00	46.30 1.24 0.00	45.17 1.11 0.00	38.82 0.87 -0.01
ONONDAGA_REF_OCCRA 23987	48.90 0.08 -0.19	41.24 -0.06 -0.02	41.70 -0.13 -0.15	45.44 -0.26 -0.33	43.13 -0.33 0.00	40.84 -0.29 0.00	42.16 -0.29 0.00	36.28 -0.34 0.00	35.69 -0.36 0.00	36.25 -0.33 0.00	39.25 -0.18 0.00	45.63 -0.03 0.00	50.90 -0.10 -0.02	58.59 -0.25 -0.07	53.88 -0.23 0.00	62.41 -0.34 -0.01	58.09 -0.31 0.00	47.74 -0.20 0.00	38.40 -0.27 -0.69	38.85 -0.27 0.00	42.70 -0.39 0.00	44.65 -0.42 0.00	43.63 -0.43 0.00	37.61 -0.35 -0.03
ONONDAGA___COGEN 23986	48.92 -0.01 -0.28	41.18 -0.13 -0.02	41.71 -0.19 -0.22	45.55 -0.32 -0.49	43.06 -0.40 0.00	40.78 -0.36 0.00	42.09 -0.37 0.00	36.23 -0.39 0.00	35.66 -0.39 0.00	36.21 -0.38 0.00	39.22 -0.21 0.00	45.56 -0.10 0.00	50.80 -0.22 -0.03	58.50 -0.37 -0.10	53.76 -0.35 0.00	62.39 -0.37 -0.02	57.99 -0.41 0.00	47.64 -0.30 0.00	37.62 -0.35 0.00	38.75 -0.37 0.00	42.62 -0.47 0.00	44.56 -0.50 0.00	43.57 -0.50 0.00	37.54 -0.43 -0.04
ONTARIO___LFGE 23819	49.63 0.89 -0.10	41.84 0.54 -0.01	42.24 0.48 -0.08	45.74 0.18 -0.17	43.42 -0.04 0.00	41.22 0.08 0.00	42.56 0.10 0.00	36.39 -0.23 0.00	35.77 -0.28 0.00	36.38 -0.21 0.00	39.77 0.34 0.00	46.02 0.35 0.00	50.81 -0.19 -0.01	58.27 -0.54 -0.04	53.51 -0.60 0.00	62.15 -0.60 -0.01	57.80 -0.60 0.00	47.71 -0.62 -0.39	34.50 -0.53 2.94	38.79 -0.33 0.00	42.47 -0.61 0.00	44.45 -0.61 0.00	43.50 -0.57 0.00	37.57 -0.37 -0.01
ORANGEVILLE_WT_PWR 323706	49.32 0.67 0.00	41.30 0.01 0.00	41.63 -0.05 0.00	44.71 -0.67 0.00	42.47 -0.99 0.00	40.39 -0.75 0.00	41.62 -0.84 0.00	35.09 -1.53 0.00	34.66 -1.39 0.00	35.53 -1.06 0.00	38.71 -0.72 0.00	44.50 -1.16 0.00	49.09 -1.91 0.00	56.09 -2.68 0.00	51.30 -2.80 0.00	59.24 -3.49 0.00	54.77 -3.63 0.00	41.93 -3.48 2.53	31.88 -2.87 3.22	36.53 -2.59 0.00	40.17 -2.92 0.00	42.39 -2.67 0.00	41.69 -2.38 0.00	36.22 -1.71 0.00
ORANGEVILLE___ESR 323794	49.32 0.67 0.00	41.30 0.01 0.00	41.63 -0.05 0.00	44.71 -0.67 0.00	42.47 -0.99 0.00	40.39 -0.75 0.00	41.62 -0.84 0.00	35.09 -1.53 0.00	34.66 -1.39 0.00	35.53 -1.06 0.00	38.71 -0.72 0.00	44.50 -1.16 0.00	49.09 -1.91 0.00	56.09 -2.68 0.00	51.30 -2.80 0.00	59.24 -3.49 0.00	54.77 -3.63 0.00	41.93 -3.48 2.53	31.88 -2.87 3.22	36.53 -2.59 0.00	40.17 -2.92 0.00	42.39 -2.67 0.00	41.69 -2.38 0.00	36.22 -1.71 0.00
OSWEGATCHIE___HYD 24044	50.37 1.64 -0.09	42.45 1.15 -0.01	42.68 0.93 -0.07	46.72 1.18 -0.15	44.50 1.04 0.00	41.85 0.72 0.00	43.34 0.89 0.00	37.51 0.88 0.00	37.09 1.04 0.00	37.82 1.23 0.00	40.73 1.29 0.00	47.37 1.70 0.00	52.72 1.72 -0.01	59.95 1.15 -0.03	54.73 0.63 0.00	63.86 1.12 -0.01	60.00 1.59 0.00	48.64 0.70 0.00	38.49 0.52 0.00	40.06 0.95 0.00	44.62 1.53 0.00	46.83 1.76 0.00	45.74 1.67 0.00	39.16 1.22 -0.01
OSWEGO___5 23606	48.88 -0.96 -1.19	40.50 -0.89 -0.10	41.69 -0.93 -0.94	46.34 -1.13 -2.09	42.33 -1.13 0.00	40.07 -1.06 0.00	41.36 -1.09 0.00	35.61 -1.01 0.00	35.07 -0.98 0.00	35.62 -0.97 0.00	38.49 -0.94 0.00	44.63 -1.03 0.00	49.86 -1.24 -0.11	57.70 -1.52 -0.44	52.69 -1.42 0.00	61.12 -1.70 -0.08	56.78 -1.62 0.00	46.62 -1.32 0.00	36.86 -1.11 0.00	37.98 -1.14 0.00	41.81 -1.28 0.00	43.75 -1.32 0.00	42.81 -1.26 0.00	37.03 -1.06 -0.16
OSWEGO___6 23613	48.88 -0.96 -1.19	40.50 -0.89 -0.10	41.69 -0.93 -0.94	46.34 -1.13 -2.09	42.33 -1.13 0.00	40.07 -1.06 0.00	41.36 -1.09 0.00	35.61 -1.01 0.00	35.07 -0.98 0.00	35.62 -0.97 0.00	38.49 -0.94 0.00	44.63 -1.03 0.00	49.86 -1.24 -0.11	57.70 -1.52 -0.44	52.69 -1.42 0.00	61.12 -1.70 -0.08	56.78 -1.62 0.00	46.62 -1.32 0.00	36.86 -1.11 0.00	37.98 -1.14 0.00	41.81 -1.28 0.00	43.75 -1.32 0.00	42.81 -1.26 0.00	37.03 -1.06 -0.16

OUTOKUMPU-AB___DRP 24206	49.74 1.10 0.00	41.59 0.30 0.00	41.96 0.28 0.00	44.78 -0.59 0.00	42.44 -1.02 0.00	40.30 -0.83 0.00	41.45 -1.01 0.00	34.90 -1.72 0.00	34.69 -1.37 0.00	35.50 -1.09 0.00	38.73 -0.70 0.00	44.67 -1.00 0.00	49.08 -1.91 0.00	56.09 -2.68 0.00	51.12 -2.98 0.00	58.72 -4.02 0.00	54.47 -3.93 0.00	43.55 -3.75 0.64	32.49 -3.30 2.18	35.80 -3.32 0.00	39.45 -3.64 0.00	42.02 -3.05 0.00	41.59 -2.48 0.00	36.28 -1.65 0.00
OXBOW___BTM 323836	49.21 0.56 0.00	41.16 -0.13 0.00	41.53 -0.14 0.00	44.31 -1.07 0.00	41.98 -1.48 0.00	39.86 -1.28 0.00	40.98 -1.48 0.00	34.51 -2.11 0.00	34.31 -1.75 0.00	35.09 -1.50 0.00	38.28 -1.15 0.00	44.16 -1.50 0.00	48.51 -2.49 0.00	55.40 -3.36 0.00	50.53 -3.57 0.00	58.03 -4.71 0.00	53.77 -4.63 0.00	42.99 -4.33 0.62	32.13 -3.71 2.13	35.41 -3.71 0.00	39.01 -4.08 0.00	41.53 -3.53 0.00	41.11 -2.96 0.00	35.88 -2.05 0.00
OXBOW___ 24026	49.20 0.56 0.00	41.16 -0.13 0.00	41.53 -0.14 0.00	44.31 -1.07 0.00	41.98 -1.48 0.00	39.86 -1.28 0.00	40.98 -1.47 0.00	34.51 -2.11 0.00	34.30 -1.75 0.00	35.09 -1.50 0.00	38.28 -1.15 0.00	44.13 -1.53 0.00	48.49 -2.50 0.00	55.41 -3.36 0.00	50.52 -3.59 0.00	58.03 -4.71 0.00	53.78 -4.63 0.00	42.98 -4.35 0.62	32.12 -3.72 2.13	35.39 -3.73 0.00	38.99 -4.10 0.00	41.52 -3.55 0.00	41.11 -2.96 0.00	35.88 -2.05 0.00
OXY_CHEM_DSASP 323612	48.63 -0.02 0.00	40.71 -0.58 0.00	41.08 -0.60 0.00	43.81 -1.57 0.00	41.51 -1.95 0.00	39.41 -1.72 0.00	40.53 -1.93 0.00	34.13 -2.49 0.00	33.91 -2.14 0.00	34.66 -1.92 0.00	37.80 -1.63 0.00	43.56 -2.10 0.00	47.84 -3.15 0.00	54.66 -4.11 0.00	49.84 -4.27 0.00	57.24 -5.50 0.00	53.00 -5.40 0.00	42.34 -5.00 0.60	31.71 -4.18 2.09	34.95 -4.17 0.00	38.53 -4.56 0.00	41.02 -4.04 0.00	40.61 -3.46 0.00	35.50 -2.43 0.00
OZONE_PARK_ESR 323760	50.64 1.89 -0.12	43.07 1.78 0.00	43.31 1.63 0.00	46.96 1.58 0.00	45.09 1.63 0.00	42.70 1.57 0.00	44.03 1.57 0.00	38.33 1.71 0.00	38.03 1.97 0.00	39.46 2.14 -0.74	42.39 2.30 -0.67	49.26 2.71 -0.89	54.93 3.23 -0.72	63.00 4.23 0.00	58.00 3.89 0.00	67.41 4.68 0.00	62.89 4.49 0.00	51.91 3.97 0.00	43.10 3.02 -2.10	44.79 2.97 -2.71	46.93 2.87 -0.98	47.98 2.92 0.00	47.01 2.95 0.00	40.57 2.64 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	48.63 -0.02 0.00	40.71 -0.58 0.00	41.08 -0.60 0.00	43.81 -1.57 0.00	41.51 -1.95 0.00	39.41 -1.72 0.00	40.53 -1.93 0.00	34.13 -2.49 0.00	33.91 -2.14 0.00	34.66 -1.92 0.00	37.80 -1.63 0.00	43.56 -2.10 0.00	47.84 -3.15 0.00	54.66 -4.11 0.00	49.84 -4.27 0.00	57.24 -5.50 0.00	53.00 -5.40 0.00	42.34 -5.00 0.60	31.71 -4.18 2.09	34.95 -4.17 0.00	38.53 -4.56 0.00	41.02 -4.04 0.00	40.61 -3.46 0.00	35.50 -2.43 0.00
PACKARD___115KV_DUPONT_184 80571	48.63 -0.02 0.00	40.71 -0.58 0.00	41.08 -0.60 0.00	43.81 -1.57 0.00	41.51 -1.95 0.00	39.41 -1.72 0.00	40.53 -1.93 0.00	34.13 -2.49 0.00	33.91 -2.14 0.00	34.66 -1.92 0.00	37.80 -1.63 0.00	43.56 -2.10 0.00	47.84 -3.15 0.00	54.66 -4.11 0.00	49.84 -4.27 0.00	57.24 -5.50 0.00	53.00 -5.40 0.00	42.34 -5.00 0.60	31.71 -4.18 2.09	34.95 -4.17 0.00	38.53 -4.56 0.00	41.02 -4.04 0.00	40.61 -3.46 0.00	35.50 -2.43 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	49.87 1.11 -0.12	42.48 1.19 0.00	42.64 0.97 0.00	46.28 0.91 0.00	44.52 1.06 0.00	42.12 0.99 0.00	43.46 1.01 0.00	37.87 1.24 0.00	37.57 1.52 0.00	39.06 1.74 -0.74	41.96 1.86 -0.67	48.59 2.04 -0.89	53.96 2.26 -0.72	61.94 3.17 0.00	57.07 2.97 0.00	66.32 3.58 0.00	61.85 3.45 0.00	51.10 3.16 0.00	42.51 2.44 -2.10	44.14 2.32 -2.70	46.23 2.16 -0.97	47.28 2.21 0.00	46.45 2.38 0.00	40.11 2.17 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	51.54 2.79 -0.12	43.89 2.60 0.00	44.08 2.40 0.00	47.87 2.49 0.00	46.05 2.59 0.00	43.56 2.43 0.00	44.98 2.53 0.00	39.19 2.57 0.00	38.87 2.82 0.00	40.39 3.06 -0.74	43.44 3.34 -0.67	50.32 3.77 -0.89	55.87 4.16 -0.72	64.10 5.33 0.00	58.98 4.88 0.00	68.49 5.75 0.00	63.82 5.42 0.00	52.72 4.78 0.00	43.70 3.63 -2.10	45.42 3.59 -2.70	47.68 3.62 -0.97	48.83 3.77 0.00	47.90 3.84 0.00	41.40 3.47 0.00
PATROON___115KV_TB1 80586	48.52 -0.04 0.09	41.45 0.16 0.00	41.96 0.28 0.00	45.60 0.22 0.00	43.66 0.20 0.00	41.34 0.20 0.00	42.69 0.24 0.00	37.02 0.40 0.00	36.49 0.44 0.00	36.87 0.28 0.00	38.99 0.03 0.47	44.92 -0.06 0.68	50.51 0.09 0.57	59.22 0.45 0.00	54.77 0.67 0.00	63.46 0.72 0.00	58.96 0.56 0.00	48.75 0.81 0.00	38.96 0.60 -0.39	40.05 0.43 -0.50	43.58 0.31 -0.18	45.26 0.20 0.00	44.14 0.08 0.00	38.01 0.08 0.00
PATTRSNVILLE___SOLAR 323815	49.86 1.29 0.07	42.39 1.11 0.00	42.81 1.13 0.00	46.57 1.19 0.00	44.59 1.13 0.00	42.20 1.07 0.00	43.55 1.09 0.00	37.45 0.83 0.00	36.61 0.56 0.00	36.93 0.34 0.00	39.19 0.19 0.43	45.30 0.22 0.58	50.95 0.43 0.46	59.81 1.04 0.00	55.23 1.13 0.00	64.17 1.44 0.00	59.82 1.42 0.00	49.43 1.49 0.00	39.63 1.33 -0.32	40.89 1.36 -0.42	44.61 1.37 -0.15	46.40 1.33 0.00	45.29 1.22 0.00	38.93 1.00 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	49.41 0.77 0.00	41.35 0.06 0.00	41.71 0.03 0.00	44.69 -0.69 0.00	42.38 -1.08 0.00	40.26 -0.87 0.00	41.45 -1.01 0.00	35.04 -1.58 0.00	34.75 -1.30 0.00	35.57 -1.01 0.00	38.81 -0.62 0.00	44.78 -0.88 0.00	49.33 -1.66 0.00	56.50 -2.27 0.00	51.61 -2.50 0.00	59.49 -3.25 0.00	55.03 -3.38 0.00	44.04 -3.23 0.67	32.69 -2.78 2.50	36.40 -2.72 0.00	40.06 -3.04 0.00	42.43 -2.64 0.00	41.84 -2.23 0.00	36.38 -1.55 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	50.34 1.60 -0.10	42.78 1.50 0.00	43.07 1.39 0.00	46.76 1.38 0.00	44.86 1.40 0.00	42.46 1.33 0.00	43.82 1.37 0.00	38.07 1.45 0.00	37.69 1.64 0.00	38.58 1.76 -0.23	41.91 1.88 -0.59	48.77 2.32 -0.79	54.53 2.91 -0.63	62.68 3.91 0.00	57.76 3.65 0.00	67.10 4.37 0.00	62.57 4.17 0.00	51.64 3.70 0.00	41.70 2.78 -0.95	43.03 2.70 -1.22	46.13 2.60 -0.44	47.65 2.58 0.00	46.53 2.46 0.00	40.03 2.10 0.00
PEEKSKILL___ 23653	49.73 0.97 -0.11	42.28 1.00 0.00	42.57 0.89 0.00	46.23 0.85 0.00	44.42 0.96 0.00	42.04 0.91 0.00	43.36 0.90 0.00	37.69 1.07 0.00	37.29 1.24 0.00	38.78 1.33 -0.87	41.44 1.36 -0.65	48.16 1.63 -0.87	53.74 2.05 -0.70	61.60 2.83 0.00	56.73 2.62 0.00	65.90 3.16 0.00	61.46 3.06 0.00	50.73 2.79 0.00	42.36 2.10 -2.29	44.07 1.99 -2.96	46.00 1.84 -1.07	46.92 1.86 0.00	45.91 1.84 0.00	39.59 1.66 0.00
PGE MADISON___WINDPWR 24146	52.48 3.72 -0.12	44.24 2.95 -0.01	44.65 2.88 -0.09	48.58 3.00 -0.20	46.21 2.75 0.00	43.82 2.68 0.00	45.19 2.74 0.00	38.79 2.17 0.00	38.04 1.99 0.00	38.48 1.89 0.00	41.77 2.34 0.00	48.82 3.16 0.00	54.85 3.86 -0.01	63.32 4.51 -0.04	57.78 3.67 0.00	66.71 3.96 -0.01	62.05 3.65 0.00	51.49 3.42 -0.13	44.50 2.83 -3.70	41.91 2.80 0.00	46.17 3.08 0.00	47.92 2.85 0.00	46.75 2.69 0.00	39.82 1.87 -0.02

PORT_JEFF_IC 23713	50.42 1.66 -0.12	43.12 1.83 0.00	43.54 1.86 0.00	47.83 1.98 -0.47	46.02 2.02 -0.53	43.01 1.88 0.00	44.22 1.76 0.00	39.63 2.00 -1.01	42.15 2.19 -3.90	50.23 2.22 -11.42	50.18 2.08 -8.67	49.87 2.37 -1.84	64.11 2.70 -10.42	77.03 3.58 -14.68	86.06 3.26 -28.69	79.53 3.38 -13.42	84.22 3.32 -22.50	98.38 2.93 -47.51	40.74 1.78 -0.99	42.22 1.55 -1.56	45.36 1.30 -0.97	46.39 1.92 0.60	41.44 1.77 4.39	40.08 2.15 0.00
PPL PILGRIM_ST_GT1 24216	50.81 2.06 -0.12	43.34 2.05 0.00	43.77 2.09 0.00	48.10 2.25 -0.47	46.28 2.29 -0.53	43.25 2.12 0.00	44.45 1.99 0.00	39.83 2.20 -1.01	42.32 2.36 -3.90	50.41 2.40 -11.42	50.40 2.28 -8.69	50.04 2.53 -1.85	64.32 2.81 -10.51	77.37 3.73 -14.87	86.02 3.23 -28.69	79.71 3.55 -13.42	84.73 3.49 -22.84	98.74 3.19 -47.60	41.20 2.17 -1.06	42.75 2.00 -1.63	45.82 1.76 -0.97	46.77 2.27 0.57	42.22 2.07 3.92	40.31 2.38 0.00
PPL PILGRIM_ST_GT2 24217	50.81 2.06 -0.12	43.34 2.05 0.00	43.77 2.09 0.00	48.10 2.25 -0.47	46.28 2.29 -0.53	43.25 2.12 0.00	44.45 1.99 0.00	39.83 2.20 -1.01	42.32 2.36 -3.90	50.41 2.40 -11.42	50.40 2.28 -8.69	50.04 2.53 -1.85	64.32 2.81 -10.51	77.37 3.73 -14.87	86.02 3.23 -28.69	79.71 3.55 -13.42	84.73 3.49 -22.84	98.74 3.19 -47.60	41.20 2.17 -1.06	42.75 2.00 -1.63	45.82 1.76 -0.97	46.77 2.27 0.57	42.22 2.07 3.92	40.31 2.38 0.00
PPL_SHRM_GT3 24213	50.13 1.37 -0.12	42.79 1.51 0.00	43.20 1.52 0.00	47.44 1.59 -0.47	45.65 1.66 -0.53	42.65 1.52 0.00	43.86 1.40 0.00	39.34 1.71 -1.01	41.88 1.92 -3.90	49.93 1.92 -11.42	49.78 1.69 -8.66	49.38 1.87 -1.85	63.86 2.16 -10.70	77.10 3.11 -15.23	85.73 2.93 -28.69	79.59 3.44 -13.42	85.25 3.38 -23.46	98.42 2.98 -47.50	40.97 1.80 -1.20	42.46 1.57 -1.77	45.36 1.30 -0.97	46.18 1.71 0.60	41.09 1.47 4.44	39.85 1.92 0.00
PPL_SHRM_GT4 24214	50.13 1.37 -0.12	42.79 1.51 0.00	43.20 1.52 0.00	47.44 1.59 -0.47	45.65 1.66 -0.53	42.65 1.52 0.00	43.86 1.40 0.00	39.34 1.71 -1.01	41.88 1.92 -3.90	49.93 1.92 -11.42	49.78 1.69 -8.66	49.38 1.87 -1.85	63.86 2.16 -10.70	77.10 3.11 -15.23	85.73 2.93 -28.69	79.59 3.44 -13.42	85.25 3.38 -23.46	98.42 2.98 -47.50	40.97 1.80 -1.20	42.46 1.57 -1.77	45.36 1.30 -0.97	46.18 1.71 0.60	41.09 1.47 4.44	39.85 1.92 0.00
PROJECT___ORANGE 1 24174	48.57 -0.23 -0.15	40.98 -0.32 -0.01	41.43 -0.37 -0.12	45.11 -0.54 -0.27	42.87 -0.59 0.00	40.59 -0.54 0.00	41.90 -0.55 0.00	36.05 -0.57 0.00	35.48 -0.57 0.00	36.07 -0.52 0.00	39.05 -0.38 0.00	45.34 -0.32 0.00	50.54 -0.46 -0.02	58.19 -0.63 -0.06	53.53 -0.58 0.00	62.03 -0.72 -0.01	57.70 -0.70 0.00	47.37 -0.57 0.00	37.41 -0.56 0.00	38.53 -0.59 0.00	42.36 -0.73 0.00	44.30 -0.77 0.00	43.32 -0.75 0.00	37.35 -0.60 -0.02
PROJECT___ORANGE 2 24166	48.57 -0.23 -0.15	40.98 -0.32 -0.01	41.43 -0.37 -0.12	45.11 -0.54 -0.27	42.87 -0.59 0.00	40.59 -0.54 0.00	41.90 -0.55 0.00	36.05 -0.57 0.00	35.48 -0.57 0.00	36.07 -0.52 0.00	39.05 -0.38 0.00	45.34 -0.32 0.00	50.54 -0.46 -0.02	58.19 -0.63 -0.06	53.53 -0.58 0.00	62.03 -0.72 -0.01	57.70 -0.70 0.00	47.37 -0.57 0.00	37.41 -0.56 0.00	38.53 -0.59 0.00	42.36 -0.73 0.00	44.30 -0.77 0.00	43.32 -0.75 0.00	37.35 -0.60 -0.02
PUCKETT___SOLAR 323809	49.72 0.98 -0.11	41.95 0.65 -0.01	42.39 0.63 -0.08	46.20 0.63 -0.19	43.96 0.50 0.00	41.68 0.55 0.00	43.02 0.56 0.00	36.94 0.31 0.00	36.23 0.18 0.00	36.63 0.05 0.00	39.62 0.19 0.00	46.10 0.43 0.00	51.58 0.58 -0.01	59.61 0.80 -0.04	54.67 0.57 0.00	63.06 0.32 -0.01	58.64 0.24 0.00	48.24 0.31 0.00	38.35 0.37 0.00	39.48 0.36 0.00	43.51 0.42 0.00	45.50 0.44 0.00	44.47 0.41 0.00	38.14 0.19 -0.02
PYRITES___HYD 24023	50.99 2.35 0.00	43.04 1.76 0.00	43.33 1.65 0.00	47.38 2.00 0.00	45.48 2.02 0.00	43.01 1.87 0.00	44.39 1.94 0.00	38.12 1.50 0.00	37.32 1.27 0.00	38.13 1.54 0.00	41.29 1.85 0.00	48.01 2.35 0.00	53.43 2.44 0.00	60.87 2.10 0.00	55.76 1.65 0.00	64.87 2.14 0.00	60.49 2.09 0.00	48.53 0.59 0.00	38.66 0.69 0.00	40.53 1.41 0.00	45.29 2.20 0.00	47.47 2.41 0.00	46.36 2.30 0.00	39.66 1.73 0.00
QUAKERRD_115KV_BK1 80622	48.31 -0.33 0.00	40.67 -0.62 0.00	40.99 -0.69 0.00	44.15 -1.23 0.00	42.05 -1.41 0.00	39.86 -1.28 0.00	41.09 -1.37 0.00	35.09 -1.54 0.00	34.72 -1.33 0.00	35.44 -1.15 0.00	38.46 -0.97 0.00	44.50 -1.16 0.00	49.32 -1.67 0.00	56.74 -2.03 0.00	52.12 -1.98 0.00	60.17 -2.57 0.00	55.77 -2.63 0.00	45.53 -2.41 0.00	34.73 -2.05 1.19	37.05 -2.06 0.00	40.77 -2.33 0.00	42.86 -2.21 0.00	42.04 -2.03 0.00	36.36 -1.58 0.00
QUENSBRY_115KV_TB8 356137	51.28 2.73 0.10	43.65 2.36 0.00	44.07 2.39 0.00	47.89 2.51 0.00	45.72 2.26 0.00	43.30 2.17 0.00	44.78 2.32 0.00	38.59 1.97 0.00	38.03 1.98 0.00	38.19 1.60 0.00	39.99 1.13 0.58	46.35 1.46 0.77	52.45 2.08 0.62	61.62 2.85 0.00	57.35 3.25 0.00	66.77 4.04 0.00	61.87 3.47 0.00	51.25 3.31 0.00	41.05 2.71 -0.36	42.11 2.52 -0.47	45.95 2.69 -0.17	47.52 2.46 0.00	46.24 2.18 0.00	39.55 1.61 0.00
RAMAPO___LBMP 323565	49.48 0.73 -0.10	42.05 0.76 0.00	42.32 0.65 0.00	45.98 0.60 0.00	44.20 0.74 0.00	41.85 0.71 0.00	43.16 0.70 0.00	37.49 0.87 0.00	37.08 1.03 0.00	36.52 1.10 1.17	41.16 1.11 -0.61	47.85 1.37 -0.82	53.43 1.78 -0.66	61.22 2.45 0.00	56.36 2.25 0.00	65.47 2.74 0.00	61.03 2.62 0.00	50.37 2.43 0.00	36.85 1.85 2.97	37.02 1.72 3.83	43.27 1.56 1.38	46.62 1.56 0.00	45.64 1.57 0.00	39.34 1.41 0.00
RANKINE____ 23646	49.67 1.03 0.00	41.54 0.25 0.00	41.91 0.23 0.00	44.85 -0.52 0.00	42.51 -0.95 0.00	40.40 -0.74 0.00	41.56 -0.89 0.00	35.04 -1.58 0.00	34.78 -1.27 0.00	35.61 -0.98 0.00	38.84 -0.59 0.00	44.81 -0.85 0.00	49.35 -1.64 0.00	56.46 -2.31 0.00	51.54 -2.57 0.00	59.33 -3.40 0.00	54.90 -3.51 0.00	43.77 -3.40 0.77	32.61 -2.92 2.44	36.29 -2.83 0.00	39.94 -3.15 0.00	42.36 -2.71 0.00	41.81 -2.25 0.00	36.40 -1.53 0.00
RAVENSWOOD_GT2_1 24244	50.01 1.25 -0.12	42.56 1.27 0.00	42.82 1.14 0.00	46.43 1.06 0.00	44.61 1.15 0.00	42.25 1.12 0.00	43.57 1.11 0.00	37.93 1.30 0.00	37.60 1.55 0.00	39.01 1.69 -0.74	41.88 1.78 -0.67	48.63 2.08 -0.89	54.19 2.49 -0.72	62.11 3.34 0.00	57.13 3.02 0.00	66.39 3.66 0.00	61.94 3.54 0.00	51.12 3.18 0.00	42.50 2.43 -2.10	44.19 2.37 -2.70	46.27 2.20 -0.97	47.29 2.23 0.00	46.35 2.28 0.00	40.02 2.09 0.00
RAVENSWOOD_GT2_2 24245	50.01 1.25 -0.12	42.56 1.27 0.00	42.82 1.14 0.00	46.43 1.06 0.00	44.61 1.15 0.00	42.25 1.12 0.00	43.57 1.11 0.00	37.93 1.30 0.00	37.60 1.55 0.00	39.01 1.69 -0.74	41.88 1.78 -0.67	48.63 2.08 -0.89	54.19 2.49 -0.72	62.11 3.34 0.00	57.13 3.02 0.00	66.39 3.66 0.00	61.94 3.54 0.00	51.12 3.18 0.00	42.50 2.43 -2.10	44.19 2.37 -2.70	46.27 2.20 -0.97	47.29 2.23 0.00	46.35 2.28 0.00	40.02 2.09 0.00

RAVENSWOOD___1 23533	49.77 1.02 -0.12	42.42 1.13 0.00	42.61 0.93 0.00	46.22 0.84 0.00	44.44 0.99 0.00	42.06 0.93 0.00	43.40 0.95 0.00	37.82 1.20 0.00	37.52 1.47 0.00	39.01 1.68 -0.74	41.90 1.80 -0.67	48.55 2.00 -0.89	53.92 2.22 -0.71	61.87 3.10 0.00	57.00 2.89 0.00	66.23 3.49 0.00	61.79 3.39 0.00	51.08 3.14 0.00	42.49 2.42 -2.10	44.09 2.26 -2.70	46.16 2.10 -0.97	47.22 2.16 0.00	46.37 2.30 0.00	40.06 2.12 0.00
RAVENSWOOD___2 23534	49.67 0.91 -0.12	42.33 1.04 0.00	42.52 0.84 0.00	46.12 0.74 0.00	44.35 0.89 0.00	41.96 0.83 0.00	43.31 0.85 0.00	37.77 1.15 0.00	37.48 1.43 0.00	38.95 1.63 -0.74	41.82 1.72 -0.67	48.44 1.89 -0.89	53.81 2.11 -0.71	61.66 2.89 0.00	56.85 2.74 0.00	65.96 3.23 0.00	61.61 3.21 0.00	50.96 3.02 0.00	42.40 2.34 -2.10	44.00 2.17 -2.70	46.06 1.99 -0.97	47.11 2.04 0.00	46.26 2.19 0.00	39.98 2.04 0.00
RAVENSWOOD___3 23535	50.01 1.26 -0.12	42.56 1.27 0.00	42.82 1.14 0.00	46.44 1.07 0.00	44.61 1.15 0.00	42.25 1.12 0.00	43.57 1.12 0.00	37.93 1.31 0.00	37.60 1.55 0.00	39.01 1.69 -0.74	41.89 1.79 -0.67	48.64 2.09 -0.89	54.19 2.49 -0.72	62.11 3.35 0.00	57.12 3.02 0.00	66.42 3.68 0.00	61.95 3.55 0.00	51.12 3.19 0.00	42.50 2.44 -2.10	44.20 2.37 -2.70	46.27 2.20 -0.97	47.29 2.22 0.00	46.35 2.28 0.00	40.03 2.10 0.00
RAVENSWOOD___4 23820	49.77 1.02 -0.12	42.42 1.13 0.00	42.61 0.93 0.00	46.22 0.84 0.00	44.44 0.99 0.00	42.06 0.93 0.00	43.40 0.95 0.00	37.82 1.20 0.00	37.52 1.47 0.00	39.01 1.68 -0.74	41.90 1.80 -0.67	48.55 2.00 -0.89	53.92 2.22 -0.71	61.87 3.10 0.00	57.00 2.89 0.00	66.23 3.49 0.00	61.79 3.39 0.00	51.08 3.14 0.00	42.49 2.42 -2.10	44.09 2.26 -2.70	46.16 2.10 -0.97	47.22 2.16 0.00	46.37 2.30 0.00	40.06 2.12 0.00
RCPL_TRUST___DRP 24196	50.05 1.30 -0.12	42.59 1.30 0.00	42.85 1.17 0.00	46.47 1.10 0.00	44.64 1.18 0.00	42.29 1.15 0.00	43.60 1.15 0.00	37.96 1.34 0.00	37.64 1.59 0.00	39.06 1.73 -0.74	41.94 1.84 -0.67	48.71 2.16 -0.89	54.28 2.57 -0.72	62.23 3.46 0.00	57.26 3.16 0.00	66.58 3.85 0.00	62.11 3.71 0.00	51.25 3.31 0.00	42.57 2.50 -2.10	44.25 2.42 -2.71	46.33 2.26 -0.98	47.35 2.29 0.00	46.39 2.33 0.00	40.06 2.12 0.00
RED___ROCHESTER 323720	49.98 1.34 0.00	41.99 0.71 0.00	42.30 0.63 0.00	45.47 0.10 0.00	43.26 -0.20 0.00	41.02 -0.11 0.00	42.25 -0.20 0.00	36.00 -0.62 0.00	35.70 -0.35 0.00	36.48 -0.11 0.00	39.62 0.19 0.00	45.87 0.21 0.00	50.84 -0.15 0.00	58.49 -0.28 0.00	53.73 -0.38 0.00	61.92 -0.81 0.00	57.32 -1.09 0.00	46.71 -1.23 0.00	35.50 -1.15 1.32	38.01 -1.11 0.00	41.80 -1.29 0.00	44.01 -1.06 0.00	43.16 -0.90 0.00	37.35 -0.59 0.00
REGAN___SOLAR 323812	51.43 2.86 0.07	43.57 2.29 0.00	43.87 2.19 0.00	47.68 2.30 0.00	45.63 2.17 0.00	43.18 2.05 0.00	44.50 2.04 0.00	38.03 1.41 0.00	36.69 0.64 0.00	36.82 0.23 0.00	39.06 0.02 0.39	45.13 0.00 0.52	50.90 0.33 0.42	60.57 1.81 0.00	55.66 1.55 0.00	65.07 2.33 0.00	60.66 2.26 0.00	50.52 2.58 0.00	40.68 2.43 -0.28	42.08 2.60 -0.36	45.94 2.72 -0.13	47.73 2.67 0.00	46.49 2.42 0.00	39.91 1.97 0.00
RENSSELAER___COGEN 23796	48.02 -0.54 0.09	41.07 -0.21 0.00	41.63 -0.05 0.00	45.35 -0.03 0.00	43.43 -0.04 0.00	41.10 -0.03 0.00	42.46 0.00 0.00	36.79 0.17 0.00	36.25 0.19 0.00	36.61 0.03 0.00	38.61 -0.31 0.52	44.44 -0.53 0.69	49.93 -0.51 0.56	58.49 -0.28 0.00	54.09 -0.02 0.00	62.67 -0.06 0.00	58.23 -0.17 0.00	48.14 0.20 0.00	38.50 0.14 -0.39	39.62 0.00 -0.50	43.13 -0.14 -0.18	44.82 -0.24 0.00	43.75 -0.32 0.00	37.70 -0.23 0.00
REPUBLIC_115KV_BARTNBRK 55605	55.14 6.60 0.10	46.89 5.60 0.00	46.98 5.30 0.00	51.05 5.67 0.00	48.58 5.13 0.00	46.15 5.01 0.00	47.76 5.30 0.00	40.88 4.26 0.00	40.30 4.25 0.00	40.13 3.54 0.00	41.95 3.10 0.59	48.95 4.07 0.78	55.68 5.32 0.63	65.49 6.73 0.00	61.22 7.11 0.00	71.82 9.09 0.00	65.96 7.56 0.00	54.95 7.02 0.00	43.84 5.50 -0.37	44.91 5.32 -0.47	49.04 5.78 -0.17	50.51 5.44 0.00	49.05 4.99 0.00	41.75 3.82 0.00
REVERE_CPPR_DRP 24186	50.74 2.02 -0.08	42.86 1.56 -0.01	43.20 1.46 -0.06	47.02 1.51 -0.14	44.77 1.31 0.00	42.31 1.18 0.00	43.72 1.26 0.00	37.70 1.08 0.00	37.10 1.05 0.00	37.64 1.05 0.00	40.60 1.17 0.00	47.25 1.59 0.00	53.04 2.04 -0.01	60.71 1.91 -0.03	56.03 1.93 0.00	65.05 2.31 -0.01	60.95 2.55 0.00	50.01 2.07 0.00	39.51 1.54 0.00	40.71 1.59 0.00	44.90 1.81 0.00	46.89 1.83 0.00	45.71 1.65 0.00	39.28 1.34 -0.01
REYNLDPA_13_KV_LD 356490	49.34 0.70 0.00	41.75 0.46 0.00	42.07 0.39 0.00	45.99 0.61 0.00	44.17 0.71 0.00	41.78 0.64 0.00	43.11 0.65 0.00	37.09 0.47 0.00	36.54 0.49 0.00	37.15 0.56 0.00	40.14 0.71 0.00	46.44 0.78 0.00	51.70 0.72 0.00	59.24 0.47 0.00	54.35 0.25 0.00	63.35 0.62 0.00	59.04 0.64 0.00	48.11 0.18 0.00	38.21 0.24 0.00	39.57 0.45 0.00	43.80 0.71 0.00	45.88 0.81 0.00	44.88 0.81 0.00	38.59 0.66 0.00
REYNOLDS_115KV_TB3 80639	48.48 -0.05 0.11	41.47 0.19 0.00	42.02 0.35 0.00	45.82 0.44 0.00	43.84 0.39 0.00	41.51 0.37 0.00	42.88 0.43 0.00	37.12 0.50 0.00	36.59 0.53 0.00	36.95 0.37 0.00	38.90 0.10 0.64	44.76 -0.06 0.84	50.34 0.02 0.67	59.14 0.37 0.00	54.70 0.59 0.00	63.34 0.61 0.00	58.86 0.46 0.00	48.71 0.77 0.00	38.99 0.61 -0.41	40.10 0.45 -0.53	43.61 0.33 -0.19	45.30 0.23 0.00	44.20 0.14 0.00	38.06 0.13 0.00
RIVERBAY____ 323610	51.54 2.79 -0.12	43.89 2.60 0.00	44.08 2.40 0.00	47.87 2.49 0.00	46.05 2.59 0.00	43.56 2.43 0.00	44.98 2.53 0.00	39.19 2.57 0.00	38.87 2.82 0.00	40.39 3.06 -0.74	43.44 3.34 -0.67	50.32 3.77 -0.89	55.87 4.16 -0.72	64.10 5.33 0.00	58.98 4.88 0.00	68.49 5.75 0.00	63.82 5.42 0.00	52.72 4.78 0.00	43.70 3.63 -2.10	45.42 3.59 -2.70	47.68 3.62 -0.97	48.83 3.77 0.00	47.90 3.84 0.00	41.40 3.47 0.00
RIVERSDE_115KV_TB3 55908	48.38 -0.16 0.10	41.36 0.08 0.00	41.88 0.21 0.00	45.49 0.11 0.00	43.55 0.09 0.00	41.22 0.09 0.00	42.59 0.13 0.00	36.91 0.28 0.00	36.37 0.32 0.00	36.74 0.15 0.00	38.72 -0.14 0.57	44.65 -0.25 0.77	50.31 -0.06 0.62	59.03 0.26 0.00	54.59 0.49 0.00	63.23 0.49 0.00	58.75 0.35 0.00	48.60 0.66 0.00	38.88 0.51 -0.40	39.98 0.35 -0.51	43.50 0.22 -0.19	45.18 0.11 0.00	44.08 0.02 0.00	37.95 0.02 0.00
ROARING___BROOK_WT_PWR 323790	48.39 -0.25 0.00	41.03 -0.26 0.00	41.39 -0.29 0.00	45.18 -0.20 0.00	43.20 -0.25 0.00	40.73 -0.40 0.00	42.09 -0.37 0.00	36.40 -0.22 0.00	35.97 -0.09 0.00	36.59 0.00 0.00	39.46 0.03 0.00	45.70 0.04 0.00	50.95 -0.04 0.00	58.36 -0.41 0.00	53.57 -0.53 0.00	62.07 -0.67 0.00	57.93 -0.47 0.00	47.59 -0.35 0.00	37.71 -0.26 0.00	38.82 -0.30 0.00	42.82 -0.27 0.00	44.86 -0.21 0.00	43.95 -0.11 0.00	37.80 -0.13 0.00

ROCHESRG_115KV_T4 355643	49.29 0.64 0.00	41.44 0.15 0.00	41.78 0.11 0.00	44.93 -0.45 0.00	42.76 -0.70 0.00	40.54 -0.59 0.00	41.78 -0.68 0.00	35.59 -1.03 0.00	35.26 -0.79 0.00	36.00 -0.59 0.00	39.08 -0.35 0.00	45.19 -0.47 0.00	50.02 -0.97 0.00	57.49 -1.28 0.00	52.74 -1.37 0.00	60.85 -1.89 0.00	56.39 -2.01 0.00	45.97 -1.97 0.00	34.95 -1.72 1.30	37.42 -1.70 0.00	41.17 -1.92 0.00	43.38 -1.69 0.00	42.60 -1.47 0.00	36.89 -1.04 0.00
ROCHESTER_9_IC 23652	49.65 1.01 0.00	41.73 0.44 0.00	42.06 0.38 0.00	45.20 -0.17 0.00	43.02 -0.44 0.00	40.79 -0.34 0.00	42.04 -0.42 0.00	35.80 -0.81 0.00	35.48 -0.57 0.00	36.25 -0.33 0.00	39.37 -0.07 0.00	45.53 -0.13 0.00	50.43 -0.56 0.00	58.00 -0.77 0.00	53.23 -0.87 0.00	61.40 -1.34 0.00	56.86 -1.55 0.00	46.34 -1.60 0.00	35.21 -1.44 1.32	37.71 -1.40 0.00	41.49 -1.60 0.00	43.69 -1.37 0.00	42.90 -1.17 0.00	37.14 -0.80 0.00
ROCKVIEW_13_KV_LD 356306	50.13 1.37 -0.12	42.64 1.35 0.00	42.92 1.24 0.00	46.64 1.27 0.00	44.81 1.35 0.00	42.42 1.29 0.00	43.75 1.29 0.00	38.04 1.42 0.00	37.68 1.63 0.00	39.08 1.75 -0.74	41.96 1.86 -0.67	48.77 2.22 -0.89	54.39 2.68 -0.72	62.38 3.61 0.00	57.45 3.34 0.00	66.77 4.03 0.00	62.28 3.88 0.00	51.40 3.46 0.00	42.66 2.59 -2.10	44.32 2.49 -2.71	46.43 2.36 -0.98	47.46 2.40 0.00	46.45 2.39 0.00	40.08 2.14 0.00
ROME____115KV_TB2 80656	50.74 2.02 -0.08	42.86 1.56 -0.01	43.20 1.46 -0.06	47.02 1.51 -0.14	44.77 1.31 0.00	42.31 1.18 0.00	43.72 1.26 0.00	37.70 1.08 0.00	37.10 1.05 0.00	37.64 1.05 0.00	40.60 1.17 0.00	47.25 1.59 0.00	53.04 2.04 -0.01	60.71 1.91 -0.03	56.03 1.93 0.00	65.05 2.31 -0.01	60.95 2.55 0.00	50.01 2.07 0.00	39.51 1.54 0.00	40.71 1.59 0.00	44.90 1.81 0.00	46.89 1.83 0.00	45.71 1.65 0.00	39.28 1.34 -0.01
ROSETON____1 23587	49.45 0.70 -0.11	42.06 0.77 0.00	42.39 0.71 0.00	46.06 0.69 0.00	44.21 0.75 0.00	41.86 0.72 0.00	43.19 0.74 0.00	37.48 0.86 0.00	37.05 1.00 0.00	37.63 1.04 0.00	41.08 1.04 -0.62	47.71 1.23 -0.82	53.17 1.52 -0.66	60.53 1.77 0.00	55.55 1.44 0.00	64.36 1.63 0.00	59.97 1.57 0.00	49.51 1.57 0.00	37.80 1.30 1.47	38.48 1.26 1.90	43.51 1.10 0.69	46.23 1.16 0.00	45.25 1.18 0.00	38.97 1.04 0.00
ROSETON____2 23588	49.42 0.68 -0.10	42.06 0.77 0.00	42.39 0.71 0.00	46.06 0.69 0.00	44.21 0.75 0.00	41.86 0.72 0.00	43.19 0.74 0.00	37.48 0.86 0.00	37.05 1.00 0.00	37.63 1.04 0.00	41.08 1.04 -0.62	47.71 1.23 -0.82	53.17 1.52 -0.66	60.53 1.77 0.00	55.55 1.44 0.00	64.36 1.63 0.00	59.97 1.57 0.00	49.51 1.57 0.00	37.80 1.30 1.47	38.48 1.26 1.90	43.51 1.10 0.69	46.23 1.16 0.00	45.25 1.18 0.00	38.97 1.04 0.00
ROTTTRDAM_115KV_TB3 80664	49.35 0.79 0.08	42.04 0.75 0.00	42.48 0.81 0.00	46.25 0.87 0.00	44.28 0.82 0.00	41.91 0.78 0.00	43.27 0.82 0.00	37.34 0.72 0.00	36.69 0.64 0.00	37.13 0.53 0.00	39.40 0.41 0.45	45.51 0.45 0.60	51.16 0.66 0.48	59.84 1.08 0.00	55.28 1.17 0.00	64.10 1.37 0.00	59.67 1.27 0.00	49.24 1.30 0.00	39.38 1.07 -0.34	40.56 1.01 -0.44	44.24 1.00 -0.16	46.00 0.94 0.00	44.92 0.86 0.00	38.62 0.69 0.00
RUSSELL____1 23602	49.98 1.34 0.00	41.99 0.70 0.00	42.30 0.63 0.00	45.47 0.09 0.00	43.26 -0.20 0.00	41.02 -0.11 0.00	42.26 -0.20 0.00	35.99 -0.63 0.00	35.70 -0.35 0.00	36.48 -0.11 0.00	39.62 0.19 0.00	45.86 0.20 0.00	50.83 -0.16 0.00	58.50 -0.27 0.00	53.72 -0.39 0.00	61.93 -0.81 0.00	57.32 -1.08 0.00	46.71 -1.23 0.00	35.49 -1.15 1.32	38.00 -1.12 0.00	41.79 -1.30 0.00	44.00 -1.07 0.00	43.16 -0.91 0.00	37.35 -0.59 0.00
RUSSELL____2 23532	49.98 1.34 0.00	41.99 0.70 0.00	42.30 0.63 0.00	45.47 0.09 0.00	43.26 -0.20 0.00	41.02 -0.11 0.00	42.26 -0.20 0.00	35.99 -0.63 0.00	35.70 -0.35 0.00	36.48 -0.11 0.00	39.62 0.19 0.00	45.86 0.20 0.00	50.83 -0.16 0.00	58.50 -0.27 0.00	53.72 -0.39 0.00	61.93 -0.81 0.00	57.32 -1.08 0.00	46.71 -1.23 0.00	35.49 -1.15 1.32	38.00 -1.12 0.00	41.79 -1.30 0.00	44.00 -1.07 0.00	43.16 -0.91 0.00	37.35 -0.59 0.00
RUSSELL____3 23549	49.98 1.34 0.00	41.99 0.70 0.00	42.30 0.63 0.00	45.47 0.09 0.00	43.26 -0.20 0.00	41.02 -0.11 0.00	42.26 -0.20 0.00	35.99 -0.63 0.00	35.70 -0.35 0.00	36.48 -0.11 0.00	39.62 0.19 0.00	45.86 0.20 0.00	50.83 -0.16 0.00	58.50 -0.27 0.00	53.72 -0.39 0.00	61.93 -0.81 0.00	57.32 -1.08 0.00	46.71 -1.23 0.00	35.49 -1.15 1.32	38.00 -1.12 0.00	41.79 -1.30 0.00	44.00 -1.07 0.00	43.16 -0.91 0.00	37.35 -0.59 0.00
RUSSELL____4 23556	49.98 1.34 0.00	41.99 0.70 0.00	42.30 0.63 0.00	45.47 0.09 0.00	43.26 -0.20 0.00	41.02 -0.11 0.00	42.26 -0.20 0.00	35.99 -0.63 0.00	35.70 -0.35 0.00	36.48 -0.11 0.00	39.62 0.19 0.00	45.86 0.20 0.00	50.83 -0.16 0.00	58.50 -0.27 0.00	53.72 -0.39 0.00	61.93 -0.81 0.00	57.32 -1.08 0.00	46.71 -1.23 0.00	35.49 -1.15 1.32	38.00 -1.12 0.00	41.79 -1.30 0.00	44.00 -1.07 0.00	43.16 -0.91 0.00	37.35 -0.59 0.00
RUSSELL____STATION 23914	49.98 1.34 0.00	41.99 0.70 0.00	42.30 0.63 0.00	45.47 0.09 0.00	43.26 -0.20 0.00	41.02 -0.11 0.00	42.26 -0.20 0.00	35.99 -0.63 0.00	35.70 -0.35 0.00	36.48 -0.11 0.00	39.62 0.19 0.00	45.86 0.20 0.00	50.83 -0.16 0.00	58.50 -0.27 0.00	53.72 -0.39 0.00	61.93 -0.81 0.00	57.32 -1.08 0.00	46.71 -1.23 0.00	35.49 -1.15 1.32	38.00 -1.12 0.00	41.79 -1.30 0.00	44.00 -1.07 0.00	43.16 -0.91 0.00	37.35 -0.59 0.00
S SALMON____HYD 24043	49.35 0.37 -0.34	41.43 0.11 -0.03	41.92 -0.02 -0.27	45.88 -0.09 -0.59	43.22 -0.24 0.00	40.76 -0.37 0.00	42.17 -0.28 0.00	36.46 -0.16 0.00	36.02 -0.04 0.00	36.66 0.07 0.00	39.50 0.07 0.00	45.94 0.27 0.00	51.14 0.12 -0.03	58.55 -0.34 -0.13	53.59 -0.51 0.00	62.28 -0.48 -0.02	58.21 -0.19 0.00	47.52 -0.41 0.00	37.43 -0.54 0.00	38.77 -0.35 0.00	42.92 -0.17 0.00	45.03 -0.03 0.00	44.08 0.02 0.00	37.94 -0.04 -0.05
S.PERRY__115KV_TB1 80734	51.41 2.77 0.00	43.09 1.80 0.00	43.39 1.71 0.00	46.60 1.23 0.00	44.32 0.86 0.00	42.11 0.97 0.00	43.50 1.04 0.00	36.81 0.19 0.00	36.23 0.17 0.00	37.30 0.71 0.00	40.48 1.05 0.00	45.96 0.29 0.00	49.88 -1.11 0.00	56.83 -1.94 0.00	52.21 -1.89 0.00	60.73 -2.00 0.00	56.20 -2.20 0.00	48.71 -1.88 -2.64	32.93 -1.60 3.45	37.83 -1.29 0.00	41.71 -1.38 0.00	43.85 -1.21 0.00	42.87 -1.19 0.00	37.74 -0.19 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	49.40 0.76 0.00	41.35 0.06 0.00	41.73 0.05 0.00	44.58 -0.80 0.00	42.25 -1.21 0.00	40.13 -1.00 0.00	41.27 -1.18 0.00	34.78 -1.84 0.00	34.55 -1.50 0.00	35.34 -1.24 0.00	38.54 -0.89 0.00	44.46 -1.20 0.00	48.90 -2.09 0.00	55.90 -2.86 0.00	51.02 -3.09 0.00	58.69 -4.04 0.00	54.32 -4.08 0.00	43.33 -3.87 0.74	32.43 -3.28 2.26	35.89 -3.22 0.00	39.53 -3.56 0.00	41.97 -3.09 0.00	41.48 -2.59 0.00	36.15 -1.79 0.00

SAWYER___23_KV_LOAD 55526	49.40 0.76 0.00	41.35 0.06 0.00	41.73 0.05 0.00	44.58 -0.80 0.00	42.25 -1.21 0.00	40.13 -1.00 0.00	41.27 -1.18 0.00	34.78 -1.84 0.00	34.55 -1.50 0.00	35.34 -1.24 0.00	38.54 -0.89 0.00	44.46 -1.20 0.00	48.90 -2.09 0.00	55.90 -2.86 0.00	51.02 -3.09 0.00	58.69 -4.04 0.00	54.32 -4.08 0.00	43.33 -3.87 0.74	32.43 -3.28 2.26	35.89 -3.22 0.00	39.53 -3.56 0.00	41.97 -3.09 0.00	41.48 -2.59 0.00	36.15 -1.79 0.00
SELKIRK___I 23801	47.98 -0.61 0.05	41.48 0.19 0.00	42.07 0.39 0.00	45.91 0.53 0.00	43.95 0.49 0.00	41.60 0.47 0.00	42.97 0.52 0.00	37.12 0.50 0.00	36.47 0.41 0.00	36.76 0.17 0.00	38.95 -0.16 0.32	44.79 -0.45 0.42	49.69 -0.95 0.34	57.66 -1.11 0.00	53.42 -0.69 0.00	61.93 -0.80 0.00	57.58 -0.82 0.00	47.56 -0.38 0.00	25.70 -0.26 12.01	36.12 -0.37 2.62	42.74 -0.49 -0.15	44.48 -0.58 0.00	43.43 -0.64 0.00	37.61 -0.32 0.00
SELKIRK___II 23799	48.00 -0.58 0.06	41.11 -0.18 0.00	41.75 0.07 0.00	45.57 0.19 0.00	43.64 0.19 0.00	41.31 0.18 0.00	42.67 0.21 0.00	36.93 0.31 0.00	36.35 0.30 0.00	36.76 0.17 0.00	38.91 -0.14 0.38	44.74 -0.42 0.50	50.05 -0.53 0.41	58.39 -0.38 0.00	53.96 -0.15 0.00	62.49 -0.25 0.00	58.04 -0.37 0.00	47.93 -0.01 0.00	-6.34 -0.01 44.30	28.47 -0.11 10.54	43.05 -0.21 -0.17	44.78 -0.28 0.00	43.72 -0.34 0.00	37.68 -0.25 0.00
SENECA OSWGO___HYD 24041	48.52 -0.63 -0.51	40.69 -0.64 -0.04	41.38 -0.70 -0.40	45.38 -0.90 -0.90	42.55 -0.91 0.00	40.30 -0.84 0.00	41.59 -0.86 0.00	35.80 -0.82 0.00	35.26 -0.80 0.00	35.82 -0.77 0.00	38.71 -0.72 0.00	44.92 -0.74 0.00	50.15 -0.89 -0.05	57.82 -1.14 -0.19	53.05 -1.06 0.00	61.50 -1.28 -0.04	57.18 -1.23 0.00	46.97 -0.97 0.00	37.08 -0.88 0.00	38.23 -0.89 0.00	42.06 -1.03 0.00	44.00 -1.06 0.00	43.05 -1.02 0.00	37.15 -0.85 -0.07
SENECA___115KV_TB3 355854	49.77 1.13 0.00	41.63 0.34 0.00	41.99 0.31 0.00	44.93 -0.45 0.00	42.58 -0.88 0.00	40.47 -0.67 0.00	41.63 -0.82 0.00	35.11 -1.52 0.00	34.84 -1.21 0.00	35.68 -0.91 0.00	38.92 -0.51 0.00	44.89 -0.77 0.00	49.44 -1.55 0.00	56.57 -2.20 0.00	51.64 -2.47 0.00	59.44 -3.29 0.00	54.99 -3.41 0.00	43.86 -3.31 0.77	32.68 -2.85 2.44	36.36 -2.76 0.00	40.01 -3.08 0.00	42.44 -2.62 0.00	41.89 -2.17 0.00	36.47 -1.46 0.00
SENECA___ENERGY 23797	49.30 0.46 -0.21	41.46 0.15 -0.02	41.92 0.08 -0.16	45.57 -0.16 -0.36	43.07 -0.39 0.00	40.84 -0.29 0.00	42.17 -0.29 0.00	36.15 -0.47 0.00	35.52 -0.53 0.00	36.17 -0.42 0.00	39.43 0.00 0.00	45.66 0.00 0.00	50.57 -0.43 -0.02	58.15 -0.69 -0.08	53.34 -0.77 0.00	61.97 -0.78 -0.02	57.55 -0.86 0.00	47.37 -0.75 -0.18	36.82 -0.67 0.48	38.52 -0.61 0.00	42.29 -0.80 0.00	44.26 -0.80 0.00	43.29 -0.78 0.00	37.33 -0.63 -0.03
SHOEMAKER___GT 23640	49.50 0.77 -0.09	42.06 0.77 0.00	42.37 0.69 0.00	46.06 0.68 0.00	44.20 0.74 0.00	41.84 0.70 0.00	43.16 0.71 0.00	37.43 0.81 0.00	36.94 0.89 0.00	36.73 0.90 0.76	40.85 0.86 -0.55	47.43 1.04 -0.74	52.94 1.36 -0.59	60.59 1.82 0.00	55.78 1.68 0.00	64.80 2.07 0.00	60.44 2.04 0.00	49.82 1.88 0.00	37.23 1.48 2.21	37.70 1.44 2.86	43.39 1.33 1.03	46.40 1.34 0.00	45.38 1.31 0.00	39.06 1.13 0.00
SHOEMAKR_138KV_BK 111 55601	49.46 0.73 -0.09	42.02 0.74 0.00	42.33 0.66 0.00	46.02 0.65 0.00	44.17 0.71 0.00	41.81 0.67 0.00	43.13 0.67 0.00	37.41 0.79 0.00	36.93 0.88 0.00	36.77 0.90 0.72	40.86 0.88 -0.55	47.46 1.07 -0.73	52.98 1.41 -0.59	60.63 1.87 0.00	55.80 1.69 0.00	64.81 2.07 0.00	60.42 2.02 0.00	49.82 1.88 0.00	37.29 1.47 2.15	37.77 1.42 2.78	43.39 1.30 1.00	46.38 1.31 0.00	45.35 1.29 0.00	39.05 1.12 0.00
SHOREHAM_IC_1 23715	50.13 1.37 -0.12	42.79 1.51 0.00	43.20 1.52 0.00	47.44 1.59 -0.47	45.65 1.66 -0.53	42.65 1.52 0.00	43.86 1.40 0.00	39.34 1.71 -1.01	41.88 1.92 -3.90	49.93 1.92 -11.42	49.78 1.69 -8.66	49.38 1.87 -1.85	63.86 2.16 -10.70	77.10 3.11 -15.23	85.73 2.93 -28.69	79.59 3.44 -13.42	85.25 3.38 -23.46	98.42 2.98 -47.50	40.97 1.80 -1.20	42.46 1.57 -1.77	45.36 1.30 -0.97	46.18 1.71 0.60	41.09 1.47 4.44	39.85 1.92 0.00
SHOREHAM_IC_2 23716	50.13 1.37 -0.12	42.79 1.51 0.00	43.20 1.52 0.00	47.44 1.59 -0.47	45.65 1.66 -0.53	42.65 1.52 0.00	43.85 1.40 0.00	39.34 1.71 -1.01	41.88 1.92 -3.90	49.93 1.92 -11.42	49.79 1.69 -8.66	49.38 1.88 -1.84	63.86 2.17 -10.71	77.10 3.11 -15.23	85.74 2.94 -28.69	79.59 3.44 -13.42	85.26 3.39 -23.46	98.43 2.98 -47.50	40.97 1.80 -1.20	42.47 1.58 -1.77	45.36 1.30 -0.97	46.18 1.72 0.60	41.14 1.52 4.44	39.85 1.92 0.00
SISSONVILLE____ 23735	49.96 1.27 -0.05	42.17 0.88 0.00	42.45 0.74 -0.04	46.50 1.04 -0.08	44.54 1.08 0.00	42.08 0.94 0.00	43.45 0.99 0.00	37.41 0.79 0.00	36.85 0.80 0.00	37.55 0.96 0.00	40.57 1.14 0.00	47.07 1.41 0.00	52.41 1.42 -0.01	59.79 1.01 -0.02	54.74 0.63 0.00	63.82 1.08 0.00	59.61 1.21 0.00	48.12 0.18 0.00	38.31 0.34 0.00	39.94 0.83 0.00	44.41 1.32 0.00	46.54 1.48 0.00	45.48 1.42 0.00	38.88 0.94 -0.01
SITHE_IND_GS1 24169	45.77 -1.37 1.50	39.92 -1.24 0.13	39.22 -1.28 1.18	41.25 -1.50 2.62	41.98 -1.48 0.00	39.74 -1.39 0.00	41.02 -1.44 0.00	35.31 -1.31 0.00	34.78 -1.27 0.00	35.32 -1.27 0.00	38.16 -1.27 0.00	44.24 -1.42 0.00	49.18 -1.67 0.14	56.23 -1.99 0.55	52.26 -1.85 0.00	60.44 -2.19 0.11	56.32 -2.08 0.00	46.24 -1.70 0.00	36.57 -1.40 0.00	37.68 -1.44 0.00	41.47 -1.62 0.00	43.40 -1.67 0.00	42.45 -1.61 0.00	36.36 -1.37 0.20
SITHE_IND_GS2 24170	45.77 -1.37 1.50	39.92 -1.24 0.13	39.22 -1.28 1.18	41.25 -1.50 2.62	41.98 -1.48 0.00	39.74 -1.39 0.00	41.02 -1.44 0.00	35.31 -1.31 0.00	34.78 -1.27 0.00	35.32 -1.27 0.00	38.16 -1.27 0.00	44.24 -1.42 0.00	49.18 -1.67 0.14	56.23 -1.99 0.55	52.26 -1.85 0.00	60.44 -2.19 0.11	56.32 -2.08 0.00	46.24 -1.70 0.00	36.57 -1.40 0.00	37.68 -1.44 0.00	41.47 -1.62 0.00	43.40 -1.67 0.00	42.45 -1.61 0.00	36.36 -1.37 0.20
SITHE_IND_GS3 24171	45.77 -1.37 1.50	39.92 -1.24 0.13	39.22 -1.28 1.18	41.25 -1.50 2.62	41.98 -1.48 0.00	39.74 -1.39 0.00	41.02 -1.44 0.00	35.31 -1.31 0.00	34.78 -1.27 0.00	35.32 -1.27 0.00	38.16 -1.27 0.00	44.24 -1.42 0.00	49.18 -1.67 0.14	56.23 -1.99 0.55	52.26 -1.85 0.00	60.44 -2.19 0.11	56.32 -2.08 0.00	46.24 -1.70 0.00	36.57 -1.40 0.00	37.68 -1.44 0.00	41.47 -1.62 0.00	43.40 -1.67 0.00	42.45 -1.61 0.00	36.36 -1.37 0.20
SITHE_IND_GS4 24172	45.77 -1.37 1.50	39.92 -1.24 0.13	39.22 -1.28 1.18	41.25 -1.50 2.62	41.98 -1.48 0.00	39.74 -1.39 0.00	41.02 -1.44 0.00	35.31 -1.31 0.00	34.78 -1.27 0.00	35.32 -1.27 0.00	38.16 -1.27 0.00	44.24 -1.42 0.00	49.18 -1.67 0.14	56.23 -1.99 0.55	52.26 -1.85 0.00	60.44 -2.19 0.11	56.32 -2.08 0.00	46.24 -1.70 0.00	36.57 -1.40 0.00	37.68 -1.44 0.00	41.47 -1.62 0.00	43.40 -1.67 0.00	42.45 -1.61 0.00	36.36 -1.37 0.20

ST_LAW_115_BK7_LBMP 345037	48.83 0.19 0.00	41.34 0.05 0.00	41.64 -0.04 0.00	45.53 0.15 0.00	43.73 0.27 0.00	41.37 0.23 0.00	42.67 0.22 0.00	36.72 0.10 0.00	36.17 0.12 0.00	36.79 0.20 0.00	39.73 0.30 0.00	45.96 0.29 0.00	51.19 0.20 0.00	58.63 -0.14 0.00	53.81 -0.29 0.00	62.72 -0.01 0.00	58.45 0.05 0.00	47.64 -0.30 0.00	37.85 -0.12 0.00	39.19 0.07 0.00	43.37 0.28 0.00	45.43 0.37 0.00	44.44 0.38 0.00	38.21 0.28 0.00
ST_LAW_115_BK8_LBMP 345038	48.83 0.19 0.00	41.34 0.05 0.00	41.64 -0.04 0.00	45.53 0.15 0.00	43.73 0.27 0.00	41.37 0.23 0.00	42.67 0.22 0.00	36.72 0.10 0.00	36.17 0.12 0.00	36.79 0.20 0.00	39.73 0.30 0.00	45.96 0.29 0.00	51.19 0.20 0.00	58.63 -0.14 0.00	53.81 -0.29 0.00	62.72 -0.01 0.00	58.45 0.05 0.00	47.64 -0.30 0.00	37.85 -0.12 0.00	39.19 0.07 0.00	43.37 0.28 0.00	45.43 0.37 0.00	44.44 0.38 0.00	38.21 0.28 0.00
ST_LAW_230_BK5_LBMP 345035	48.78 0.14 0.00	41.30 0.01 0.00	41.61 -0.07 0.00	45.48 0.10 0.00	43.68 0.22 0.00	41.32 0.18 0.00	42.63 0.17 0.00	36.69 0.07 0.00	36.15 0.10 0.00	36.75 0.16 0.00	39.69 0.25 0.00	45.90 0.24 0.00	51.14 0.15 0.00	58.61 -0.16 0.00	53.80 -0.30 0.00	62.68 -0.06 0.00	58.43 0.03 0.00	47.66 -0.27 0.00	37.84 -0.14 0.00	39.16 0.04 0.00	43.33 0.24 0.00	45.38 0.31 0.00	44.39 0.32 0.00	38.19 0.26 0.00
ST_LAW_230_BK6_LBMP 345036	48.78 0.14 0.00	41.30 0.01 0.00	41.61 -0.07 0.00	45.48 0.10 0.00	43.68 0.22 0.00	41.32 0.18 0.00	42.63 0.17 0.00	36.69 0.07 0.00	36.15 0.10 0.00	36.75 0.16 0.00	39.69 0.25 0.00	45.90 0.24 0.00	51.14 0.15 0.00	58.61 -0.16 0.00	53.80 -0.30 0.00	62.68 -0.06 0.00	58.43 0.03 0.00	47.66 -0.27 0.00	37.84 -0.14 0.00	39.16 0.04 0.00	43.33 0.24 0.00	45.38 0.31 0.00	44.39 0.32 0.00	38.19 0.26 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	49.55 0.82 -0.10	42.12 0.83 0.00	42.40 0.72 0.00	46.06 0.68 0.00	44.24 0.78 0.00	41.87 0.74 0.00	43.20 0.74 0.00	37.50 0.88 0.00	37.07 1.02 0.00	36.80 1.08 0.87	41.12 1.11 -0.58	47.80 1.37 -0.77	53.39 1.78 -0.62	61.13 2.36 0.00	56.26 2.15 0.00	65.31 2.57 0.00	60.86 2.46 0.00	50.20 2.26 0.00	37.30 1.74 2.42	37.65 1.65 3.11	43.48 1.51 1.12	46.59 1.52 0.00	45.57 1.51 0.00	39.24 1.31 0.00
SWANROAD_115KV_TB1 355699	48.85 0.20 0.00	40.90 -0.39 0.00	41.39 -0.29 0.00	44.18 -1.20 0.00	41.86 -1.60 0.00	39.75 -1.38 0.00	40.88 -1.58 0.00	34.26 -2.36 0.00	34.03 -2.02 0.00	34.81 -1.78 0.00	37.94 -1.49 0.00	43.71 -1.95 0.00	47.81 -3.18 0.00	54.58 -4.19 0.00	49.84 -4.27 0.00	57.22 -5.52 0.00	52.91 -5.49 0.00	42.31 -5.05 0.58	31.84 -4.05 2.08	34.91 -4.21 0.00	38.51 -4.58 0.00	41.01 -4.05 0.00	40.64 -3.43 0.00	35.53 -2.41 0.00
SYNERGY___BIOGAS 323694	50.65 2.01 0.00	42.40 1.11 0.00	42.77 1.09 0.00	45.73 0.35 0.00	43.41 -0.05 0.00	41.20 0.06 0.00	42.42 -0.04 0.00	35.77 -0.85 0.00	35.56 -0.49 0.00	36.46 -0.13 0.00	39.56 0.13 0.00	45.58 -0.09 0.00	50.02 -0.97 0.00	57.31 -1.46 0.00	52.86 -1.25 0.00	60.87 -1.86 0.00	56.43 -1.97 0.00	45.44 -2.11 0.39	34.37 -1.82 1.78	37.28 -1.84 0.00	41.06 -2.03 0.00	43.45 -1.62 0.00	42.78 -1.28 0.00	37.21 -0.73 0.00
SYRACUSE___ENERGY_ST1 323597	48.92 -0.01 -0.28	41.18 -0.13 -0.02	41.71 -0.19 -0.22	45.55 -0.32 -0.49	43.06 -0.40 0.00	40.78 -0.36 0.00	42.09 -0.37 0.00	36.23 -0.39 0.00	35.66 -0.39 0.00	36.21 -0.38 0.00	39.22 -0.21 0.00	45.56 -0.10 0.00	50.80 -0.22 -0.03	58.50 -0.37 -0.10	53.76 -0.35 0.00	62.39 -0.37 -0.02	57.99 -0.41 0.00	47.64 -0.30 0.00	37.62 -0.35 0.00	38.75 -0.37 0.00	42.62 -0.47 0.00	44.56 -0.50 0.00	43.57 -0.50 0.00	37.54 -0.43 -0.04
SYRACUSE___ENERGY_ST2 323598	48.92 -0.01 -0.28	41.18 -0.13 -0.02	41.71 -0.19 -0.22	45.55 -0.32 -0.49	43.06 -0.40 0.00	40.78 -0.36 0.00	42.09 -0.37 0.00	36.23 -0.39 0.00	35.66 -0.39 0.00	36.21 -0.38 0.00	39.22 -0.21 0.00	45.56 -0.10 0.00	50.80 -0.22 -0.03	58.50 -0.37 -0.10	53.76 -0.35 0.00	62.39 -0.37 -0.02	57.99 -0.41 0.00	47.64 -0.30 0.00	37.62 -0.35 0.00	38.75 -0.37 0.00	42.62 -0.47 0.00	44.56 -0.50 0.00	43.57 -0.50 0.00	37.54 -0.43 -0.04
SYRACUSE___POWER 24017	48.84 0.01 -0.19	41.18 -0.12 -0.02	41.65 -0.18 -0.15	45.39 -0.31 -0.33	43.09 -0.37 0.00	40.80 -0.33 0.00	42.12 -0.34 0.00	36.24 -0.38 0.00	35.66 -0.39 0.00	36.22 -0.37 0.00	39.21 -0.22 0.00	45.58 -0.08 0.00	50.84 -0.17 -0.02	58.52 -0.31 -0.07	53.81 -0.30 0.00	62.36 -0.39 -0.01	58.03 -0.37 0.00	47.68 -0.26 0.00	38.23 -0.32 -0.58	38.79 -0.33 0.00	42.64 -0.45 0.00	44.59 -0.47 0.00	43.57 -0.49 0.00	37.56 -0.40 -0.03
TALLMAN__138KV_BK151 55660	49.62 0.88 -0.10	42.17 0.89 0.00	42.44 0.76 0.00	46.09 0.71 0.00	44.33 0.87 0.00	41.96 0.82 0.00	43.27 0.82 0.00	37.60 0.98 0.00	37.20 1.15 0.00	36.65 1.24 1.18	41.32 1.28 -0.61	48.05 1.58 -0.82	53.68 2.03 -0.66	61.56 2.79 0.00	56.66 2.55 0.00	65.82 3.08 0.00	61.37 2.97 0.00	50.64 2.71 0.00	37.06 2.04 2.96	37.22 1.92 3.82	43.47 1.76 1.38	46.82 1.76 0.00	45.82 1.76 0.00	39.50 1.57 0.00
TEALLAVE_115KV_TB7 355573	48.54 -0.25 -0.15	40.97 -0.33 -0.01	41.41 -0.39 -0.12	45.08 -0.57 -0.27	42.85 -0.61 0.00	40.58 -0.55 0.00	41.88 -0.58 0.00	36.03 -0.59 0.00	35.47 -0.58 0.00	36.06 -0.53 0.00	39.02 -0.41 0.00	45.31 -0.35 0.00	50.52 -0.48 -0.02	58.14 -0.69 -0.06	53.50 -0.61 0.00	61.99 -0.76 -0.01	57.67 -0.73 0.00	47.35 -0.59 0.00	37.39 -0.58 0.00	38.51 -0.60 0.00	42.34 -0.75 0.00	44.28 -0.78 0.00	43.30 -0.77 0.00	37.35 -0.60 -0.02
TELGRAPH_34_KV_EAST 80808	49.68 1.04 0.00	41.59 0.30 0.00	42.00 0.32 0.00	44.85 -0.52 0.00	42.55 -0.91 0.00	40.40 -0.74 0.00	41.57 -0.89 0.00	34.97 -1.65 0.00	34.75 -1.30 0.00	35.58 -1.01 0.00	38.72 -0.71 0.00	44.62 -1.04 0.00	49.01 -1.98 0.00	56.06 -2.71 0.00	51.32 -2.79 0.00	58.99 -3.74 0.00	54.57 -3.83 0.00	43.81 -3.64 0.49	33.03 -3.02 1.92	36.05 -3.07 0.00	39.71 -3.38 0.00	42.17 -2.89 0.00	41.66 -2.41 0.00	36.37 -1.56 0.00
TEMPLE___115KV_TB 2 55572	48.57 -0.23 -0.15	40.98 -0.32 -0.01	41.43 -0.37 -0.12	45.11 -0.54 -0.27	42.87 -0.59 0.00	40.59 -0.54 0.00	41.90 -0.55 0.00	36.05 -0.57 0.00	35.48 -0.57 0.00	36.07 -0.52 0.00	39.05 -0.38 0.00	45.34 -0.32 0.00	50.54 -0.46 -0.02	58.19 -0.63 -0.06	53.53 -0.58 0.00	62.03 -0.72 -0.01	57.70 -0.70 0.00	47.37 -0.57 0.00	37.41 -0.56 0.00	38.53 -0.59 0.00	42.36 -0.73 0.00	44.30 -0.77 0.00	43.32 -0.75 0.00	37.35 -0.60 -0.02
TIANA____69_KV_BK 1 55817	50.99 2.23 -0.12	43.49 2.20 0.00	43.87 2.20 0.00	48.15 2.30 -0.47	46.31 2.32 -0.53	43.30 2.17 0.00	44.51 2.05 0.00	39.91 2.28 -1.01	42.49 2.54 -3.90	50.58 2.58 -11.42	50.47 2.38 -8.66	50.12 2.62 -1.84	64.80 2.99 -10.81	78.30 4.09 -15.43	86.62 3.82 -28.69	80.58 4.43 -13.42	86.53 4.30 -23.82	99.14 3.71 -47.49	41.56 2.32 -1.27	43.07 2.10 -1.85	45.93 1.86 -0.97	46.85 2.39 0.60	41.72 2.14 4.48	40.40 2.47 0.00

TILDEN___115KV_TB1 80814	48.84 0.01 -0.19	41.18 -0.12 -0.02	41.65 -0.18 -0.15	45.39 -0.31 -0.33	43.09 -0.37 0.00	40.80 -0.33 0.00	42.12 -0.34 0.00	36.24 -0.38 0.00	35.66 -0.39 0.00	36.22 -0.37 0.00	39.21 -0.22 0.00	45.58 -0.08 0.00	50.84 -0.17 -0.02	58.52 -0.31 -0.07	53.81 -0.30 0.00	62.36 -0.39 -0.01	58.03 -0.37 0.00	47.68 -0.26 0.00	38.23 -0.32 -0.58	38.79 -0.33 0.00	42.64 -0.45 0.00	44.59 -0.47 0.00	43.57 -0.49 0.00	37.56 -0.40 -0.03
TRIGEN___CC 323695	50.65 1.90 -0.12	43.11 1.83 0.00	43.46 1.78 0.00	47.67 1.83 -0.47	45.87 1.87 -0.53	42.91 1.78 0.00	44.18 1.72 0.00	39.48 1.85 -1.01	41.98 2.03 -3.90	50.13 2.12 -11.42	51.30 2.15 -9.72	50.02 2.52 -1.84	65.84 2.91 -11.95	80.23 3.88 -17.58	86.39 3.60 -28.69	80.31 4.16 -13.42	90.82 4.01 -28.40	103.10 3.43 -51.73	42.34 2.28 -2.09	43.99 2.17 -2.70	46.09 2.03 -0.97	48.07 2.33 -0.68	61.41 2.20 -15.14	40.15 2.22 0.00
TRINITY__115KV__4 BK 55933	48.23 -0.32 0.09	41.23 -0.06 0.00	41.75 0.07 0.00	45.38 0.01 0.00	43.45 -0.01 0.00	41.13 0.00 0.00	42.49 0.04 0.00	36.83 0.20 0.00	36.29 0.24 0.00	36.66 0.07 0.00	38.68 -0.24 0.52	44.60 -0.37 0.69	50.19 -0.24 0.56	58.82 0.05 0.00	54.38 0.28 0.00	63.01 0.27 0.00	58.55 0.15 0.00	48.41 0.47 0.00	38.72 0.36 -0.39	39.83 0.21 -0.50	43.35 0.07 -0.18	45.03 -0.04 0.00	43.93 -0.13 0.00	37.84 -0.10 0.00
UNION___PROCESSING_DRP 323587	49.53 0.89 0.00	41.64 0.36 0.00	41.97 0.30 0.00	45.11 -0.26 0.00	42.93 -0.53 0.00	40.71 -0.42 0.00	41.96 -0.49 0.00	35.74 -0.89 0.00	35.41 -0.64 0.00	36.18 -0.41 0.00	39.28 -0.15 0.00	45.41 -0.25 0.00	50.28 -0.71 0.00	57.80 -0.97 0.00	53.06 -1.05 0.00	61.21 -1.53 0.00	56.70 -1.71 0.00	46.23 -1.71 0.00	35.11 -1.53 1.33	37.61 -1.51 0.00	41.39 -1.70 0.00	43.59 -1.47 0.00	42.80 -1.27 0.00	37.06 -0.87 0.00
UPPER HUDSON___HYD 24058	50.80 2.26 0.10	43.25 1.96 0.00	43.71 2.03 0.00	47.52 2.14 0.00	45.37 1.92 0.00	42.96 1.83 0.00	44.42 1.96 0.00	38.29 1.67 0.00	37.73 1.68 0.00	37.94 1.35 0.00	39.71 0.85 0.57	45.99 1.10 0.76	52.01 1.64 0.61	61.06 2.30 0.00	56.75 2.65 0.00	66.01 3.28 0.00	61.25 2.85 0.00	50.72 2.78 0.00	40.66 2.33 -0.36	41.73 2.15 -0.47	45.55 2.29 -0.17	47.15 2.08 0.00	45.89 1.82 0.00	39.27 1.33 0.00
UPPER RAQUET___HYD 24056	49.96 1.27 -0.05	42.17 0.88 0.00	42.45 0.73 -0.04	46.50 1.04 -0.08	44.54 1.08 0.00	42.08 0.94 0.00	43.45 0.99 0.00	37.41 0.79 0.00	36.85 0.79 0.00	37.55 0.96 0.00	40.57 1.14 0.00	47.07 1.41 0.00	52.41 1.42 -0.01	59.79 1.01 -0.02	54.74 0.63 0.00	63.82 1.08 0.00	59.61 1.21 0.00	48.12 0.18 0.00	38.32 0.34 0.00	39.94 0.82 0.00	44.41 1.32 0.00	46.54 1.48 0.00	45.49 1.42 0.00	38.88 0.94 -0.01
VALLEY44_115KV_TB2 355964	48.75 0.10 0.00	41.01 -0.27 0.00	41.39 -0.29 0.00	44.66 -0.72 0.00	42.47 -0.98 0.00	40.37 -0.76 0.00	41.60 -0.85 0.00	35.35 -1.27 0.00	35.03 -1.02 0.00	35.87 -0.72 0.00	39.03 -0.40 0.00	44.95 -0.71 0.00	49.47 -1.52 0.00	56.67 -2.10 0.00	51.80 -2.31 0.00	59.80 -2.94 0.00	55.19 -3.21 0.00	44.67 -2.94 0.32	32.49 -2.54 2.94	36.79 -2.33 0.00	40.53 -2.56 0.00	42.83 -2.23 0.00	42.17 -1.89 0.00	36.65 -1.29 0.00
VALLEY___115KV_TB 1-4 80826	49.52 0.88 0.00	42.10 0.81 0.00	42.60 0.92 0.00	46.37 0.99 0.00	44.35 0.89 0.00	42.00 0.87 0.00	43.36 0.91 0.00	37.36 0.74 0.00	36.46 0.41 0.00	36.72 0.13 0.00	39.34 -0.09 0.00	45.50 -0.16 0.00	51.21 0.22 0.00	59.84 1.07 0.00	55.07 0.96 0.00	64.10 1.36 0.00	59.54 1.14 0.00	49.34 1.41 0.00	39.18 1.21 0.00	40.34 1.22 0.00	44.20 1.11 0.00	46.07 1.01 0.00	44.85 0.78 0.00	38.41 0.48 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	50.25 1.55 -0.05	42.56 1.27 0.00	42.99 1.27 -0.04	46.86 1.39 -0.09	44.79 1.33 0.00	42.42 1.28 0.00	43.78 1.33 0.00	37.80 1.18 0.00	37.17 1.12 0.00	37.81 1.23 0.00	40.92 1.49 0.00	47.49 1.83 0.00	53.04 2.04 -0.01	61.23 2.44 -0.02	56.33 2.22 0.00	65.17 2.43 0.00	60.55 2.15 0.00	49.79 1.85 0.00	39.31 1.53 0.20	40.44 1.58 0.26	44.65 1.66 0.09	46.70 1.64 0.00	45.59 1.53 0.00	39.16 1.22 -0.01
VISCHER___FERRY HYD 24020	49.41 0.90 0.13	42.24 0.95 0.00	42.80 1.12 0.00	46.56 1.19 0.00	44.54 1.08 0.00	42.16 1.03 0.00	43.57 1.12 0.00	37.63 1.01 0.00	37.08 1.03 0.00	37.43 0.84 0.00	39.25 0.61 0.79	45.14 0.52 1.05	50.92 0.77 0.84	60.05 1.28 0.00	55.62 1.51 0.00	64.43 1.70 0.00	59.91 1.50 0.00	49.61 1.67 0.00	39.72 1.34 -0.41	40.85 1.20 -0.53	44.45 1.17 -0.19	46.13 1.06 0.00	45.01 0.94 0.00	38.68 0.75 0.00
V_A_10_SYNC_DSASP 323832	49.02 0.37 0.00	41.14 -0.15 0.00	41.52 -0.16 0.00	44.48 -0.90 0.00	42.25 -1.21 0.00	40.09 -1.04 0.00	41.28 -1.18 0.00	34.96 -1.67 0.00	34.68 -1.37 0.00	35.43 -1.16 0.00	38.54 -0.89 0.00	44.48 -1.18 0.00	49.01 -1.98 0.00	56.11 -2.66 0.00	51.28 -2.82 0.00	59.06 -3.68 0.00	54.68 -3.72 0.00	44.07 -3.49 0.38	33.35 -2.93 1.69	36.23 -2.89 0.00	39.90 -3.19 0.00	42.25 -2.81 0.00	41.68 -2.39 0.00	36.27 -1.67 0.00
V_CMM_10_SYNC_DSASP 323787	49.08 0.44 0.00	41.55 0.26 0.00	41.86 0.18 0.00	45.76 0.38 0.00	43.95 0.49 0.00	41.57 0.43 0.00	42.89 0.43 0.00	36.90 0.28 0.00	36.36 0.31 0.00	36.96 0.37 0.00	39.93 0.50 0.00	46.20 0.54 0.00	51.44 0.45 0.00	58.93 0.16 0.00	54.08 -0.03 0.00	63.04 0.30 0.00	58.75 0.34 0.00	47.87 -0.06 0.00	38.02 0.05 0.00	39.38 0.26 0.00	43.59 0.50 0.00	45.65 0.59 0.00	44.66 0.60 0.00	38.40 0.47 0.00
V_CMP_10_SYNC_DSASP 323788	49.17 0.53 0.00	41.51 0.22 0.00	41.74 0.06 0.00	45.50 0.13 0.00	43.78 0.32 0.00	41.46 0.32 0.00	42.79 0.33 0.00	36.92 0.30 0.00	36.49 0.44 0.00	37.00 0.42 0.00	39.99 0.55 0.00	46.02 0.36 0.00	51.60 0.61 0.00	59.08 0.31 0.00	54.10 -0.01 0.00	62.97 0.23 0.00	58.82 0.42 0.00	48.16 0.23 0.00	38.23 0.26 0.00	39.55 0.43 0.00	43.88 0.79 0.00	45.78 0.71 0.00	44.69 0.63 0.00	38.48 0.54 0.00
V_D_10_SYNC_DSASP 323841	49.56 0.92 0.00	41.93 0.64 0.00	42.23 0.55 0.00	46.17 0.79 0.00	44.34 0.88 0.00	41.94 0.81 0.00	43.27 0.81 0.00	37.22 0.60 0.00	36.66 0.61 0.00	37.29 0.70 0.00	40.30 0.87 0.00	46.65 0.99 0.00	51.95 0.96 0.00	59.47 0.70 0.00	54.55 0.44 0.00	63.55 0.82 0.00	59.24 0.84 0.00	48.08 0.14 0.00	38.28 0.31 0.00	39.72 0.60 0.00	44.00 0.91 0.00	46.08 1.01 0.00	45.08 1.01 0.00	38.63 0.69 0.00
V_E_10_SYNC_DSASP 323830	52.48 3.72 -0.12	44.24 2.95 -0.01	44.65 2.88 -0.09	48.58 3.00 -0.20	46.21 2.75 0.00	43.82 2.68 0.00	45.19 2.74 0.00	38.79 2.17 0.00	38.04 1.99 0.00	38.48 1.89 0.00	41.77 2.34 0.00	48.82 3.16 0.00	54.85 3.86 -0.01	63.32 4.51 -0.04	57.78 3.67 0.00	66.71 3.96 -0.01	62.05 3.65 0.00	51.49 3.42 -0.13	44.50 2.83 -3.70	41.91 2.80 0.00	46.17 3.08 0.00	47.92 2.85 0.00	46.75 2.69 0.00	39.82 1.87 -0.02

V_F_30_NSYNC___DSASP 323816	50.47 1.93 0.10	43.02 1.74 0.00	43.53 1.85 0.00	47.33 1.96 0.00	45.25 1.79 0.00	42.83 1.69 0.00	44.26 1.80 0.00	38.15 1.53 0.00	37.56 1.51 0.00	37.89 1.30 0.00	39.92 1.09 0.61	46.07 1.21 0.81	51.97 1.63 0.65	61.07 2.30 0.00	56.62 2.52 0.00	65.71 2.97 0.00	61.11 2.71 0.00	50.50 2.57 0.00	40.39 2.04 -0.37	41.53 1.94 -0.48	45.26 2.00 -0.17	46.93 1.87 0.00	45.80 1.73 0.00	39.27 1.33 0.00
V_F_30_SYNC_DSASP 323786	48.52 -0.04 0.09	41.45 0.16 0.00	41.96 0.28 0.00	45.60 0.22 0.00	43.66 0.20 0.00	41.34 0.20 0.00	42.69 0.24 0.00	37.02 0.40 0.00	36.49 0.44 0.00	36.87 0.28 0.00	38.99 0.03 0.47	44.92 -0.06 0.68	50.51 0.09 0.57	59.22 0.45 0.00	54.77 0.67 0.00	63.46 0.72 0.00	58.96 0.56 0.00	48.75 0.81 0.00	38.96 0.60 -0.39	40.05 0.43 -0.50	43.58 0.31 -0.18	45.26 0.20 0.00	44.14 0.08 0.00	38.01 0.08 0.00
V_XM_10_SYNC_DSASP 323789	49.17 0.53 0.00	41.51 0.22 0.00	41.74 0.06 0.00	45.50 0.13 0.00	43.78 0.32 0.00	41.46 0.32 0.00	42.79 0.33 0.00	36.92 0.30 0.00	36.49 0.44 0.00	37.00 0.42 0.00	39.99 0.55 0.00	46.02 0.36 0.00	51.60 0.61 0.00	59.08 0.31 0.00	54.10 -0.01 0.00	62.97 0.23 0.00	58.82 0.42 0.00	48.16 0.23 0.00	38.23 0.26 0.00	39.55 0.43 0.00	43.88 0.79 0.00	45.78 0.71 0.00	44.69 0.63 0.00	38.48 0.54 0.00
W.BABYLN_69_KV_BK1 56697	51.25 2.49 -0.12	43.70 2.41 0.00	44.08 2.40 0.00	48.39 2.54 -0.47	46.55 2.56 -0.53	43.52 2.39 0.00	44.76 2.30 0.00	40.07 2.44 -1.01	42.57 2.62 -3.90	50.70 2.69 -11.42	50.95 2.66 -8.86	50.51 3.00 -1.84	65.67 3.38 -11.30	79.58 4.46 -16.35	86.85 4.05 -28.69	80.80 4.65 -13.42	88.49 4.49 -25.60	100.18 3.97 -48.27	42.23 2.64 -1.62	43.83 2.50 -2.21	46.40 2.34 -0.97	47.43 2.74 0.37	45.81 2.58 0.84	40.69 2.76 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	49.97 1.22 -0.11	42.45 1.17 0.00	42.72 1.04 0.00	46.39 1.01 0.00	44.60 1.14 0.00	42.23 1.10 0.00	43.56 1.11 0.00	37.84 1.22 0.00	37.45 1.40 0.00	36.80 1.49 1.28	41.63 1.57 -0.63	48.42 1.92 -0.83	54.09 2.44 -0.67	62.05 3.28 0.00	57.17 3.07 0.00	66.41 3.67 0.00	61.91 3.51 0.00	51.08 3.14 0.00	37.21 2.38 3.14	37.33 2.26 4.05	43.77 2.14 1.46	47.19 2.13 0.00	46.16 2.10 0.00	39.77 1.84 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	50.07 1.31 -0.12	42.60 1.32 0.00	42.86 1.18 0.00	46.50 1.12 0.00	44.66 1.20 0.00	42.29 1.16 0.00	43.61 1.16 0.00	37.97 1.35 0.00	37.66 1.61 0.00	39.07 1.75 -0.74	41.96 1.86 -0.67	48.73 2.18 -0.89	54.31 2.61 -0.72	62.24 3.48 0.00	57.29 3.18 0.00	66.59 3.86 0.00	62.13 3.73 0.00	51.27 3.33 0.00	42.58 2.51 -2.10	44.27 2.44 -2.71	46.34 2.27 -0.98	47.37 2.31 0.00	46.41 2.34 0.00	40.07 2.13 0.00
W50THST__13_KV_LOAD 356117	50.39 1.63 -0.12	42.87 1.58 0.00	43.11 1.43 0.00	46.75 1.38 0.00	44.91 1.45 0.00	42.53 1.40 0.00	43.87 1.41 0.00	38.21 1.59 0.00	37.92 1.87 0.00	39.36 2.03 -0.74	42.29 2.19 -0.67	49.11 2.56 -0.89	54.70 2.99 -0.72	62.68 3.91 0.00	57.70 3.59 0.00	67.07 4.33 0.00	62.58 4.18 0.00	51.65 3.71 0.00	42.88 2.80 -2.10	44.54 2.71 -2.71	46.64 2.57 -0.98	47.70 2.63 0.00	46.72 2.66 0.00	40.36 2.43 0.00
WADING RIVER_IC_1 23522	50.10 1.34 -0.12	42.76 1.47 0.00	43.16 1.48 0.00	47.40 1.55 -0.47	45.61 1.61 -0.53	42.62 1.49 0.00	43.82 1.37 0.00	39.31 1.68 -1.01	41.85 1.90 -3.90	49.91 1.90 -11.42	49.77 1.68 -8.66	49.35 1.84 -1.85	63.96 2.14 -10.83	77.31 3.08 -15.47	85.68 2.89 -28.69	79.47 3.31 -13.42	85.57 3.29 -23.87	98.34 2.91 -47.49	41.00 1.75 -1.29	42.49 1.51 -1.86	45.30 1.23 -0.97	46.14 1.69 0.60	41.00 1.44 4.50	39.81 1.88 0.00
WADING RIVER_IC_2 23547	50.10 1.34 -0.12	42.76 1.47 0.00	43.16 1.48 0.00	47.40 1.55 -0.47	45.61 1.61 -0.53	42.62 1.49 0.00	43.82 1.37 0.00	39.31 1.68 -1.01	41.85 1.90 -3.90	49.91 1.90 -11.42	49.77 1.68 -8.66	49.35 1.84 -1.85	63.96 2.14 -10.83	77.31 3.08 -15.47	85.68 2.89 -28.69	79.47 3.31 -13.42	85.57 3.29 -23.87	98.34 2.91 -47.49	41.00 1.75 -1.29	42.49 1.51 -1.86	45.30 1.23 -0.97	46.14 1.69 0.60	41.00 1.44 4.50	39.81 1.88 0.00
WADING RIVER_IC_3 23601	50.10 1.34 -0.12	42.76 1.47 0.00	43.16 1.48 0.00	47.40 1.55 -0.47	45.61 1.61 -0.53	42.62 1.49 0.00	43.82 1.37 0.00	39.31 1.68 -1.01	41.85 1.90 -3.90	49.91 1.90 -11.42	49.77 1.68 -8.66	49.35 1.84 -1.85	63.96 2.14 -10.83	77.31 3.08 -15.47	85.68 2.89 -28.69	79.47 3.31 -13.42	85.57 3.29 -23.87	98.34 2.91 -47.49	41.00 1.75 -1.29	42.49 1.51 -1.86	45.30 1.23 -0.97	46.14 1.69 0.60	41.00 1.44 4.50	39.81 1.88 0.00
WALDENNY_12_KV_BK2 80841	49.81 1.17 0.00	41.65 0.37 0.00	42.03 0.35 0.00	44.97 -0.41 0.00	42.60 -0.86 0.00	40.48 -0.66 0.00	41.65 -0.80 0.00	35.09 -1.53 0.00	34.84 -1.21 0.00	35.67 -0.91 0.00	38.92 -0.51 0.00	44.90 -0.76 0.00	49.42 -1.57 0.00	56.55 -2.22 0.00	51.61 -2.49 0.00	59.40 -3.33 0.00	54.97 -3.43 0.00	43.84 -3.34 0.75	32.70 -2.86 2.40	36.32 -2.80 0.00	39.97 -3.12 0.00	42.41 -2.66 0.00	41.86 -2.20 0.00	36.45 -1.49 0.00
WALDEN__HYDRO 24148	49.86 1.13 -0.09	42.37 1.08 0.00	42.66 0.98 0.00	46.35 0.97 0.00	44.50 1.04 0.00	42.11 0.98 0.00	43.45 0.99 0.00	37.72 1.10 0.00	37.28 1.23 0.00	37.60 1.30 0.28	41.30 1.34 -0.53	48.02 1.65 -0.70	53.71 2.15 -0.56	61.59 2.82 0.00	56.67 2.57 0.00	65.84 3.10 0.00	61.41 3.01 0.00	50.65 2.72 0.00	39.19 2.07 0.85	40.03 2.00 1.10	44.59 1.90 0.40	46.98 1.91 0.00	45.91 1.84 0.00	39.50 1.57 0.00
WARRENSBURG____ 23737	50.80 2.26 0.10	43.25 1.96 0.00	43.71 2.03 0.00	47.52 2.14 0.00	45.37 1.92 0.00	42.96 1.83 0.00	44.42 1.96 0.00	38.29 1.67 0.00	37.73 1.68 0.00	37.94 1.35 0.00	39.71 0.85 0.57	46.00 1.10 0.76	52.01 1.64 0.61	61.07 2.30 0.00	56.75 2.65 0.00	66.01 3.28 0.00	61.25 2.85 0.00	50.72 2.78 0.00	40.66 2.33 -0.36	41.73 2.15 -0.47	45.55 2.29 -0.17	47.15 2.09 0.00	45.89 1.82 0.00	39.27 1.33 0.00
WATERSIDE____6 8 9 23538	49.77 1.02 -0.12	42.42 1.13 0.00	42.61 0.94 0.00	46.22 0.84 0.00	44.45 0.99 0.00	42.06 0.93 0.00	43.40 0.94 0.00	37.83 1.21 0.00	37.53 1.47 0.00	39.01 1.68 -0.74	41.90 1.80 -0.67	48.55 2.00 -0.89	53.94 2.24 -0.72	61.87 3.10 0.00	57.00 2.89 0.00	66.22 3.48 0.00	61.80 3.39 0.00	51.07 3.14 0.00	42.48 2.42 -2.10	44.09 2.27 -2.70	46.17 2.11 -0.97	47.23 2.17 0.00	46.36 2.30 0.00	40.06 2.12 0.00
WATKINRD_115KV_LN8_ILLION 55919	49.16 0.52 0.00	41.78 0.50 0.00	42.26 0.59 0.00	46.02 0.64 0.00	44.01 0.56 0.00	41.68 0.55 0.00	43.03 0.58 0.00	37.10 0.48 0.00	36.30 0.25 0.00	36.64 0.05 0.00	39.31 -0.12 0.00	45.47 -0.19 0.00	51.07 0.08 0.00	59.44 0.68 0.00	54.75 0.64 0.00	63.63 0.90 0.00	59.17 0.77 0.00	48.93 0.99 0.00	38.83 0.86 0.00	39.96 0.84 0.00	43.84 0.74 0.00	45.73 0.67 0.00	44.58 0.51 0.00	38.24 0.31 0.00

WDELAWARE___HYD 323627	49.43 0.72 -0.07	41.90 0.61 0.00	42.14 0.46 0.00	45.75 0.37 0.00	43.88 0.43 0.00	41.51 0.38 0.00	42.83 0.37 0.00	37.16 0.54 0.00	36.75 0.70 0.00	37.11 0.75 0.22	40.67 0.81 -0.42	47.33 1.10 -0.56	53.15 1.72 -0.45	61.00 2.23 0.00	56.18 2.08 0.00	65.40 2.66 0.00	60.98 2.58 0.00	50.18 2.24 0.00	37.70 1.70 1.97	39.57 1.72 1.27	44.34 1.60 0.35	46.60 1.53 0.00	45.47 1.41 0.00	39.02 1.09 0.00
WEST BABYLON___IC 23714	51.25 2.49 -0.12	43.70 2.41 0.00	44.08 2.40 0.00	48.39 2.54 -0.47	46.55 2.56 -0.53	43.52 2.39 0.00	44.76 2.30 0.00	40.07 2.44 -1.01	42.57 2.62 -3.90	50.70 2.69 -11.42	50.95 2.66 -8.86	50.51 3.00 -1.84	65.67 3.38 -11.30	79.58 4.46 -16.35	86.85 4.05 -28.69	80.80 4.65 -13.42	88.49 4.49 -25.60	100.18 3.97 -48.27	42.23 2.64 -1.62	43.83 2.50 -2.21	46.40 2.34 -0.97	47.43 2.74 0.37	45.81 2.58 0.84	40.69 2.76 0.00
WEST CANADA___HYD 24049	48.60 -0.04 0.00	41.29 0.00 0.00	41.69 0.01 0.00	45.39 0.01 0.00	43.46 0.00 0.00	41.13 0.00 0.00	42.46 0.00 0.00	36.66 0.04 0.00	36.05 0.00 0.00	36.58 -0.01 0.00	39.37 -0.06 0.00	45.60 -0.06 0.00	50.99 0.00 0.00	58.81 0.04 0.00	54.18 0.08 0.00	62.80 0.06 0.00	58.46 0.06 0.00	48.08 0.14 0.00	38.09 0.11 0.00	39.20 0.08 0.00	43.13 0.04 0.00	45.10 0.04 0.00	44.07 0.01 0.00	37.93 0.00 0.00
WESTERN_NY_WIND 24143	50.60 1.96 0.00	42.35 1.06 0.00	42.72 1.04 0.00	45.68 0.30 0.00	43.34 -0.12 0.00	41.14 0.00 0.00	42.36 -0.10 0.00	35.71 -0.90 0.00	35.51 -0.54 0.00	36.40 -0.19 0.00	39.50 0.07 0.00	45.50 -0.16 0.00	49.94 -1.05 0.00	57.22 -1.55 0.00	52.74 -1.36 0.00	60.73 -2.00 0.00	56.30 -2.10 0.00	45.28 -2.24 0.42	34.23 -1.92 1.82	37.19 -1.93 0.00	40.96 -2.13 0.00	43.35 -1.71 0.00	42.70 -1.37 0.00	37.14 -0.79 0.00
WESTOVER___LESR 323668	49.01 0.25 -0.11	41.35 0.06 -0.01	41.80 0.04 -0.09	45.58 0.01 -0.20	43.34 -0.12 0.00	41.11 -0.02 0.00	42.45 -0.01 0.00	36.47 -0.15 0.00	35.84 -0.21 0.00	36.39 -0.20 0.00	39.48 0.05 0.00	45.76 0.10 0.00	51.04 0.04 -0.01	58.80 -0.01 -0.04	54.00 -0.10 0.00	62.47 -0.27 -0.01	58.01 -0.40 0.00	47.68 -0.26 0.00	36.42 -0.29 1.26	38.98 -0.13 0.00	42.80 -0.29 0.00	44.83 -0.23 0.00	43.83 -0.24 0.00	37.74 -0.21 -0.02
WETHRSFD_WT_PWR 323626	49.32 0.68 0.00	41.31 0.03 0.00	41.64 -0.04 0.00	44.72 -0.65 0.00	42.49 -0.97 0.00	40.40 -0.73 0.00	41.65 -0.81 0.00	35.12 -1.51 0.00	34.67 -1.38 0.00	35.54 -1.05 0.00	38.74 -0.70 0.00	44.50 -1.16 0.00	49.10 -1.89 0.00	56.09 -2.68 0.00	51.32 -2.78 0.00	59.29 -3.44 0.00	54.82 -3.59 0.00	41.85 -3.45 2.65	31.85 -2.84 3.28	36.57 -2.55 0.00	40.22 -2.87 0.00	42.44 -2.62 0.00	41.71 -2.36 0.00	36.24 -1.69 0.00
WHAVSTOR_138KV_BK127 55557	49.53 0.78 -0.11	42.12 0.83 0.00	42.38 0.71 0.00	46.04 0.67 0.00	44.30 0.84 0.00	41.94 0.81 0.00	43.27 0.81 0.00	37.59 0.97 0.00	37.17 1.12 0.00	36.48 1.19 1.30	41.26 1.20 -0.63	47.97 1.47 -0.84	53.55 1.89 -0.67	61.40 2.62 0.00	56.52 2.41 0.00	65.66 2.93 0.00	61.21 2.81 0.00	50.52 2.59 0.00	36.75 1.95 3.17	36.86 1.83 4.09	43.28 1.67 1.47	46.73 1.67 0.00	45.73 1.66 0.00	39.43 1.50 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	49.53 0.78 -0.11	42.12 0.83 0.00	42.38 0.71 0.00	46.04 0.67 0.00	44.30 0.84 0.00	41.94 0.81 0.00	43.27 0.81 0.00	37.59 0.97 0.00	37.17 1.12 0.00	36.48 1.19 1.30	41.26 1.20 -0.63	47.97 1.47 -0.84	53.55 1.89 -0.67	61.40 2.62 0.00	56.52 2.41 0.00	65.66 2.93 0.00	61.21 2.81 0.00	50.52 2.59 0.00	36.75 1.95 3.17	36.86 1.83 4.09	43.28 1.67 1.47	46.73 1.67 0.00	45.73 1.66 0.00	39.43 1.50 0.00
WHITEHAL_115KV_TB1 80871	52.91 4.37 0.10	45.05 3.76 0.00	45.22 3.55 0.00	49.07 3.70 0.00	46.73 3.27 0.00	44.32 3.18 0.00	45.94 3.48 0.00	39.46 2.83 0.00	38.95 2.90 0.00	38.71 2.12 0.00	40.39 1.54 0.59	46.94 2.06 0.78	53.20 2.84 0.63	62.73 3.96 0.00	58.83 4.72 0.00	68.85 6.11 0.00	63.24 4.84 0.00	52.71 4.77 0.00	42.15 3.81 -0.37	43.19 3.60 -0.47	47.12 3.86 -0.17	48.55 3.49 0.00	47.24 3.17 0.00	40.26 2.33 0.00
WHITEPLN_13_KV_LOAD 356215	50.51 1.75 -0.12	42.94 1.65 0.00	43.20 1.52 0.00	46.87 1.49 0.00	44.99 1.53 0.00	42.61 1.47 0.00	43.94 1.49 0.00	38.21 1.59 0.00	37.86 1.80 0.00	39.31 1.93 -0.79	42.16 2.07 -0.67	49.04 2.49 -0.89	54.74 3.04 -0.71	62.80 4.03 0.00	57.87 3.76 0.00	67.24 4.51 0.00	62.73 4.33 0.00	51.76 3.82 0.00	43.01 2.87 -2.17	44.70 2.78 -2.80	46.77 2.67 -1.01	47.76 2.70 0.00	46.70 2.63 0.00	40.24 2.31 0.00
WM_FLOYD_69_KV_BK2 356380	50.52 1.77 -0.12	43.14 1.85 0.00	43.55 1.87 0.00	47.81 1.96 -0.47	46.01 2.01 -0.53	43.01 1.88 0.00	44.21 1.75 0.00	39.63 2.00 -1.01	42.16 2.20 -3.90	50.21 2.21 -11.42	50.11 2.01 -8.66	49.73 2.23 -1.84	64.27 2.54 -10.74	77.57 3.50 -15.30	86.11 3.32 -28.69	79.98 3.83 -13.42	85.78 3.79 -23.58	98.75 3.31 -47.50	41.29 2.10 -1.22	42.81 1.89 -1.80	45.72 1.66 -0.97	46.56 2.10 0.60	41.52 1.88 4.43	40.16 2.23 0.00
WOODARD___115KV_TB2 355635	48.47 -0.38 -0.21	40.88 -0.43 -0.02	41.37 -0.47 -0.16	45.08 -0.65 -0.36	42.77 -0.69 0.00	40.50 -0.63 0.00	41.80 -0.65 0.00	35.98 -0.64 0.00	35.43 -0.62 0.00	36.00 -0.59 0.00	38.95 -0.48 0.00	45.22 -0.44 0.00	50.43 -0.58 -0.02	58.08 -0.76 -0.08	53.42 -0.68 0.00	61.91 -0.83 -0.02	57.58 -0.82 0.00	47.29 -0.65 0.00	37.35 -0.62 0.00	38.47 -0.65 0.00	42.30 -0.78 0.00	44.24 -0.82 0.00	43.25 -0.81 0.00	37.29 -0.67 -0.03
WOODMERE_69_KV_BK1 55827	51.48 2.72 -0.12	43.81 2.52 0.00	44.13 2.45 0.00	48.37 2.52 -0.47	46.52 2.52 -0.53	43.52 2.38 0.00	44.81 2.35 0.00	40.02 2.38 -1.01	42.54 2.59 -3.90	50.74 2.74 -11.42	53.53 2.85 -11.24	50.88 3.38 -1.84	66.81 3.88 -11.95	81.30 4.95 -17.58	87.42 4.63 -28.69	81.25 5.09 -13.42	92.98 5.01 -29.57	110.35 4.24 -58.17	42.95 2.88 -2.09	44.60 2.78 -2.70	46.71 2.64 -0.97	50.54 2.94 -2.53	90.19 2.75 -43.38	40.75 2.81 0.00
YORK___WARBASSE 23770	49.83 1.08 -0.12	42.54 1.25 0.00	42.71 1.04 0.00	46.31 0.93 0.00	44.54 1.08 0.00	42.14 1.01 0.00	43.48 1.02 0.00	37.88 1.26 0.00	37.57 1.52 0.00	39.06 1.74 -0.74	41.98 1.88 -0.67	48.63 2.08 -0.89	53.94 2.24 -0.72	61.96 3.19 0.00	57.08 2.97 0.00	66.37 3.63 0.00	61.91 3.51 0.00	51.19 3.25 0.00	42.67 2.60 -2.10	44.27 2.45 -2.70	46.35 2.29 -0.97	47.43 2.36 0.00	46.55 2.48 0.00	40.19 2.26 0.00