

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

04/11/2025

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	43.65	42.25	40.35	39.95	40.08	44.85	57.42	67.08	61.18	59.56	57.15	53.71	52.53	51.99	51.36	51.57	51.99	56.29	60.23	65.82	61.99	56.18	54.10	51.51
24138	2.55	2.35	2.10	2.05	2.02	2.30	2.94	4.27	3.84	3.79	3.54	3.51	3.48	3.35	3.36	3.37	3.54	3.53	3.94	4.36	4.11	3.33	3.06	2.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	43.61	42.29	40.35	39.91	40.08	44.81	57.31	66.89	61.01	59.39	56.99	53.51	52.33	51.80	51.17	51.38	51.79	56.23	60.12	65.70	61.93	56.07	54.10	51.56
24260	2.51	2.39	2.10	2.01	2.02	2.26	2.83	4.08	3.67	3.62	3.38	3.31	3.29	3.16	3.17	3.18	3.34	3.48	3.83	4.24	4.05	3.22	3.06	2.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	43.61	42.29	40.35	39.91	40.08	44.81	57.31	66.89	61.01	59.39	56.99	53.51	52.33	51.80	51.17	51.38	51.79	56.23	60.12	65.70	61.93	56.07	54.10	51.56
24261	2.51	2.39	2.10	2.01	2.02	2.26	2.83	4.08	3.67	3.62	3.38	3.31	3.29	3.16	3.17	3.18	3.34	3.48	3.83	4.24	4.05	3.22	3.06	2.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	43.32	42.17	40.39	40.02	40.19	44.90	58.13	67.08	61.01	58.83	56.61	52.71	51.40	50.83	50.45	50.56	50.92	55.60	59.67	65.39	61.41	55.81	53.75	51.37
24011	2.22	2.27	2.14	2.12	2.13	2.34	3.65	4.27	3.67	3.07	3.00	2.51	2.35	2.19	2.45	2.36	2.47	2.85	3.38	3.93	3.53	2.96	2.71	2.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	43.44	42.33	40.54	40.14	40.35	45.07	58.40	67.39	61.30	59.06	56.77	52.86	51.54	50.97	50.64	50.70	51.07	55.81	59.95	65.69	61.64	56.07	54.00	51.56
23798	2.34	2.43	2.29	2.24	2.28	2.51	3.92	4.58	3.95	3.29	3.16	2.66	2.50	2.33	2.64	2.50	2.61	3.06	3.66	4.24	3.76	3.22	2.96	2.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	43.32	42.17	40.39	40.02	40.19	44.90	58.13	67.08	61.01	58.83	56.61	52.71	51.40	50.83	50.45	50.56	50.92	55.60	59.67	65.39	61.41	55.81	53.75	51.37
24028	2.22	2.27	2.14	2.12	2.13	2.34	3.65	4.27	3.67	3.07	3.00	2.51	2.35	2.19	2.45	2.36	2.47	2.85	3.38	3.93	3.53	2.96	2.71	2.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	42.70	41.42	39.59	39.23	39.43	43.96	56.82	65.70	59.75	57.60	55.22	51.60	50.37	49.90	49.35	49.60	49.96	54.55	58.66	64.10	60.36	54.86	52.78	50.25
23527	1.60	1.52	1.34	1.33	1.37	1.40	2.34	2.89	2.41	1.84	1.61	1.40	1.32	1.26	1.34	1.40	1.50	1.79	2.36	2.64	2.49	2.01	1.74	1.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	41.59	40.42	38.63	38.28	38.41	42.77	54.91	63.50	57.86	55.99	53.82	50.35	49.19	48.74	48.20	48.39	48.74	53.12	56.86	62.13	58.46	53.22	51.24	48.88
24190	0.49	0.52	0.38	0.38	0.34	0.21	0.44	0.69	0.52	0.22	0.21	0.15	0.15	0.10	0.19	0.19	0.29	0.37	0.56	0.68	0.58	0.37	0.20	0.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	40.98	39.78	38.21	37.86	37.95	42.43	54.09	61.55	56.83	55.66	53.50	49.95	48.89	48.49	47.76	47.91	48.21	52.65	55.73	60.66	57.24	52.74	50.94	48.69
355683	-0.12	-0.12	-0.04	-0.04	-0.11	-0.13	-0.38	-1.26	-0.52	-0.11	-0.11	-0.25	-0.15	-0.15	-0.24	-0.29	-0.24	-0.11	-0.56	-0.80	-0.64	-0.11	-0.10	-0.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	42.33	41.18	39.40	39.04	39.20	43.66	56.11	64.69	58.83	56.88	54.57	51.00	49.78	49.27	48.77	49.02	49.42	53.97	57.81	63.17	59.50	54.22	52.26	49.90
323833	1.23	1.28	1.15	1.14	1.14	1.10	1.63	1.88	1.49	1.11	0.97	0.80	0.74	0.63	0.77	0.82	0.97	1.21	1.52	1.72	1.62	1.37	1.22	1.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	42.33	41.14	39.40	39.00	39.17	43.66	56.06	64.69	58.83	56.88	54.57	50.95	49.78	49.27	48.77	49.02	49.42	53.91	57.81	63.17	59.50	54.17	52.22	49.90
323834	1.23	1.24	1.15	1.10	1.10	1.10	1.58	1.88	1.49	1.11	0.97	0.75	0.74	0.63	0.77	0.82	0.97	1.16	1.52	1.72	1.62	1.32	1.17	1.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	41.59	40.42	38.63	38.28	38.41	42.77	54.91	63.50	57.86	55.99	53.82	50.35	49.19	48.74	48.20	48.39	48.74	53.12	56.86	62.13	58.46	53.22	51.24	48.88
23571	0.49	0.52	0.38	0.38	0.34	0.21	0.44	0.69	0.52	0.22	0.21	0.15	0.15	0.10	0.19	0.19	0.29	0.37	0.56	0.68	0.58	0.37	0.20	0.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	41.59 0.49 0.00	40.42 0.52 0.00	38.63 0.38 0.00	38.28 0.38 0.00	38.41 0.34 0.00	42.77 0.21 0.00	54.91 0.44 0.00	63.50 0.69 0.00	57.86 0.52 0.00	55.99 0.22 0.00	53.82 0.21 0.00	50.35 0.15 0.00	49.19 0.15 0.00	48.74 0.10 0.00	48.20 0.19 0.00	48.39 0.19 0.00	48.74 0.29 0.00	53.12 0.37 0.00	56.86 0.56 0.00	62.13 0.68 0.00	58.46 0.58 0.00	53.22 0.37 0.00	51.24 0.20 0.00	48.88 0.15 0.00
ALBANY___3 23573	41.59 0.49 0.00	40.42 0.52 0.00	38.63 0.38 0.00	38.28 0.38 0.00	38.41 0.34 0.00	42.77 0.21 0.00	54.91 0.44 0.00	63.50 0.69 0.00	57.86 0.52 0.00	55.99 0.22 0.00	53.82 0.21 0.00	50.35 0.15 0.00	49.19 0.15 0.00	48.74 0.10 0.00	48.20 0.19 0.00	48.39 0.19 0.00	48.74 0.29 0.00	53.12 0.37 0.00	56.86 0.56 0.00	62.13 0.68 0.00	58.46 0.58 0.00	53.22 0.37 0.00	51.24 0.20 0.00	48.88 0.15 0.00
ALBANY___4 23574	41.59 0.49 0.00	40.42 0.52 0.00	38.63 0.38 0.00	38.28 0.38 0.00	38.41 0.34 0.00	42.77 0.21 0.00	54.91 0.44 0.00	63.50 0.69 0.00	57.86 0.52 0.00	55.99 0.22 0.00	53.82 0.21 0.00	50.35 0.15 0.00	49.19 0.15 0.00	48.74 0.10 0.00	48.20 0.19 0.00	48.39 0.19 0.00	48.74 0.29 0.00	53.12 0.37 0.00	56.86 0.56 0.00	62.13 0.68 0.00	58.46 0.58 0.00	53.22 0.37 0.00	51.24 0.20 0.00	48.88 0.15 0.00
ALBANY___LFGE 323615	41.97 0.86 0.00	40.78 0.88 0.00	39.01 0.76 0.00	38.62 0.72 0.00	38.78 0.72 0.00	43.20 0.64 0.00	55.51 1.03 0.00	64.19 1.38 0.00	58.49 1.15 0.00	56.66 0.89 0.00	54.46 0.86 0.00	50.90 0.70 0.00	49.73 0.69 0.00	49.27 0.63 0.00	48.77 0.77 0.00	48.92 0.72 0.00	49.27 0.82 0.00	53.65 0.90 0.00	57.48 1.18 0.00	62.81 1.35 0.00	59.09 1.22 0.00	53.75 0.90 0.00	51.75 0.71 0.00	49.42 0.68 0.00
ALCOA_PA_115KV_PL-6C 55860	41.06 -0.04 0.00	39.90 0.00 0.00	38.36 0.11 0.00	37.98 0.08 0.00	38.06 0.00 0.00	42.56 0.00 0.00	54.04 -0.44 0.00	61.49 -1.32 0.00	56.77 -0.57 0.00	55.60 -0.17 0.00	53.45 -0.16 0.00	49.90 -0.30 0.00	48.85 -0.20 0.00	48.45 -0.19 0.00	47.72 -0.29 0.00	47.86 -0.34 0.00	48.16 -0.29 0.00	52.59 -0.16 0.00	55.67 -0.62 0.00	60.66 -0.80 0.00	57.24 -0.64 0.00	52.74 -0.11 0.00	50.94 -0.10 0.00	48.69 -0.05 0.00
ALCOA_RYNLDS___DRP 24188	41.06 -0.04 0.00	39.90 0.00 0.00	38.36 0.11 0.00	37.98 0.08 0.00	38.06 0.00 0.00	42.56 0.00 0.00	54.04 -0.44 0.00	61.49 -1.32 0.00	56.77 -0.57 0.00	55.60 -0.17 0.00	53.45 -0.16 0.00	49.90 -0.30 0.00	48.85 -0.20 0.00	48.45 -0.19 0.00	47.72 -0.29 0.00	47.86 -0.34 0.00	48.16 -0.29 0.00	52.59 -0.16 0.00	55.67 -0.62 0.00	60.66 -0.80 0.00	57.24 -0.64 0.00	52.74 -0.11 0.00	50.94 -0.10 0.00	48.69 -0.05 0.00
ALCOA___DSASP 323711	41.06 -0.04 0.00	39.90 0.00 0.00	38.36 0.12 0.00	37.98 0.08 0.00	38.06 0.00 0.00	42.56 0.00 0.00	54.04 -0.44 0.00	61.48 -1.32 0.00	56.77 -0.57 0.00	55.60 -0.17 0.00	53.45 -0.16 0.00	49.90 -0.30 0.00	48.85 -0.20 0.00	48.45 -0.19 0.00	47.72 -0.29 0.00	47.86 -0.34 0.00	48.16 -0.29 0.00	52.59 -0.16 0.00	55.62 -0.67 0.00	60.66 -0.80 0.00	57.24 -0.64 0.00	52.74 -0.11 0.00	50.94 -0.10 0.00	48.69 -0.05 0.00
ALLEGHENY___COGEN 23514	41.63 0.53 0.00	40.42 0.52 0.00	38.82 0.57 0.00	38.62 0.72 0.00	38.98 0.91 0.00	43.71 1.15 0.00	56.06 1.58 0.00	65.32 2.51 0.00	58.20 0.86 0.00	55.77 0.00 0.00	53.45 -0.16 0.00	50.15 -0.05 0.00	48.65 -0.39 0.00	48.30 -0.34 0.00	47.52 -0.48 0.00	48.15 -0.05 0.00	48.45 0.00 0.00	53.12 0.37 0.00	57.81 1.52 0.00	63.55 2.09 0.00	59.96 2.08 0.00	54.07 1.22 0.00	52.47 1.43 0.00	49.86 1.12 0.00
ALTAMONT_115KV_TB 2 55880	41.96 0.86 0.00	40.78 0.88 0.00	39.01 0.76 0.00	38.62 0.72 0.00	38.79 0.72 0.00	43.28 0.72 0.00	55.57 1.09 0.00	64.25 1.44 0.00	58.49 1.15 0.00	56.66 0.89 0.00	54.41 0.80 0.00	50.95 0.75 0.00	49.78 0.74 0.00	49.32 0.68 0.00	48.72 0.72 0.00	48.97 0.77 0.00	49.28 0.82 0.00	53.70 0.95 0.00	57.48 1.18 0.00	62.87 1.41 0.00	59.15 1.27 0.00	53.85 1.00 0.00	51.91 0.87 0.00	49.51 0.78 0.00
ALTONA_WT_PWR 323606	41.51 0.41 0.00	40.30 0.40 0.00	38.75 0.50 0.00	38.39 0.49 0.00	38.52 0.46 0.00	43.15 0.60 0.00	55.08 0.60 0.00	62.62 -0.19 0.00	57.92 0.57 0.00	56.77 1.00 0.00	54.46 0.86 0.00	50.85 0.65 0.00	49.78 0.74 0.00	49.37 0.73 0.00	48.63 0.62 0.00	48.73 0.53 0.00	49.04 0.58 0.00	53.59 0.84 0.00	56.63 0.34 0.00	61.83 0.37 0.00	58.28 0.41 0.00	53.64 0.79 0.00	51.81 0.77 0.00	49.47 0.73 0.00
AMERICAN_REF_FUEL 24010	38.92 -2.18 0.00	37.63 -2.27 0.00	36.22 -2.03 0.00	36.04 -1.86 0.00	36.39 -1.67 0.00	40.56 -2.00 0.00	51.75 -2.72 0.00	60.11 -2.70 0.00	53.79 -3.56 0.00	51.92 -3.85 0.00	50.28 -3.32 0.00	47.59 -2.61 0.00	46.25 -2.79 0.00	45.96 -2.68 0.00	45.22 -2.79 0.00	45.45 -2.75 0.00	45.25 -3.20 0.00	49.06 -3.69 0.00	52.80 -3.49 0.00	57.77 -3.69 0.00	54.41 -3.47 0.00	49.04 -3.81 0.00	48.03 -3.01 0.00	45.76 -2.97 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	40.94 -0.16 0.00	39.58 -0.32 0.00	38.06 -0.19 0.00	38.09 0.19 0.00	38.56 0.49 0.00	43.07 0.51 0.00	55.18 0.71 0.00	64.63 1.82 0.00	57.63 0.29 0.00	55.26 -0.50 0.00	53.39 -0.21 0.00	50.65 0.45 0.00	49.14 0.10 0.00	48.74 0.10 0.00	47.86 -0.14 0.00	48.10 -0.10 0.00	47.87 -0.58 0.00	51.96 -0.79 0.00	56.24 -0.06 0.00	61.52 0.06 0.00	57.88 0.00 0.00	51.79 -1.06 0.00	50.79 -0.25 0.00	48.10 -0.63 0.00
ARTHUR KILL_GT_1 23520	51.83 2.80 -7.93	51.82 2.59 -9.33	41.06 2.33 -0.47	40.14 2.24 -0.01	40.28 2.21 -0.01	51.83 2.51 -6.76	57.42 2.94 -0.01	66.95 4.14 0.00	60.85 3.50 -0.01	59.18 3.40 -0.01	58.75 3.27 -1.88	56.29 3.01 -3.08	56.34 3.04 -4.26	56.29 2.92 -4.73	56.29 2.93 -5.35	57.05 2.99 -5.86	55.83 3.15 -4.23	56.35 3.38 -0.22	60.18 3.88 -0.01	65.89 4.43 -0.01	62.05 4.17 -0.01	56.35 3.49 -0.01	58.06 3.32 -3.71	53.18 3.02 -1.42
ARTHUR_KILL_2 23512	51.70 2.67 -7.93	51.70 2.47 -9.33	40.98 2.26 -0.47	40.03 2.12 -0.01	40.16 2.09 -0.01	51.70 2.38 -6.76	57.26 2.78 -0.01	66.77 3.96 0.00	60.73 3.38 -0.01	59.01 3.23 -0.01	58.59 3.11 -1.88	56.19 2.91 -3.08	56.19 2.89 -4.26	56.19 2.82 -4.73	56.19 2.83 -5.35	56.90 2.84 -5.86	55.69 3.01 -4.23	56.19 3.22 -0.22	60.02 3.71 -0.01	65.64 4.18 -0.01	61.88 3.99 -0.01	56.19 3.33 -0.01	57.91 3.17 -3.71	53.03 2.87 -1.42
ARTHUR_KILL_3 23513	51.16 2.14 -7.92	51.17 1.95 -9.32	40.48 1.76 -0.47	39.61 1.71 0.00	39.74 1.67 0.00	51.18 1.87 -6.75	56.71 2.23 0.00	66.26 3.45 0.00	60.38 3.04 0.00	58.78 3.01 0.00	58.32 2.84 -1.87	56.08 2.81 -3.07	56.13 2.84 -4.25	56.08 2.72 -4.72	56.09 2.73 -5.35	56.79 2.75 -5.85	55.58 2.91 -4.23	55.81 2.85 -0.21	59.56 3.26 0.00	65.08 3.62 0.00	61.35 3.47 0.00	55.60 2.75 0.00	57.29 2.55 -3.70	52.44 2.29 -1.41

ARTHUR_KILL_COGEN 323718	51.83 2.80 -7.93	51.82 2.59 -9.33	41.06 2.33 -0.47	40.14 2.24 -0.01	40.28 2.21 -0.01	51.83 2.51 -6.76	57.42 2.94 -0.01	66.95 4.14 0.00	60.85 3.50 -0.01	59.18 3.40 -0.01	58.75 3.27 -1.88	56.29 3.01 -3.08	56.34 3.04 -4.26	56.29 2.92 -4.73	56.29 2.93 -5.35	57.05 2.99 -5.86	55.83 3.15 -4.23	56.35 3.38 -0.22	60.18 3.88 -0.01	65.89 4.43 -0.01	62.05 4.17 -0.01	56.35 3.49 -0.01	58.06 3.32 -3.71	53.18 3.02 -1.42
ASHOKAN____ 23654	42.83 1.73 0.00	41.57 1.68 0.00	39.82 1.57 0.00	39.30 1.40 0.00	39.43 1.37 0.00	44.05 1.49 0.00	56.66 2.18 0.00	65.51 2.70 0.00	59.47 2.12 0.00	57.39 1.62 0.00	54.84 1.23 0.00	51.15 0.95 0.00	50.02 0.98 0.00	49.47 0.83 0.00	48.87 0.86 0.00	49.16 0.96 0.00	49.71 1.26 0.00	54.18 1.42 0.00	58.09 1.80 0.00	63.73 2.28 0.00	59.90 2.02 0.00	54.54 1.69 0.00	52.72 1.68 0.00	50.49 1.75 0.00
ASTORIA_EAST_ENERGY_CC1 323581	43.48 2.38 0.00	42.01 2.11 0.00	40.12 1.87 0.00	39.68 1.78 0.00	39.82 1.75 0.00	44.51 1.96 0.01	56.81 2.34 0.01	66.31 3.52 0.01	60.79 3.44 -0.01	59.12 3.35 -0.01	56.72 3.11 -0.01	53.27 3.06 -0.01	52.09 3.04 -0.01	51.62 2.97 -0.01	50.94 2.93 -0.01	51.14 2.94 -0.01	51.56 3.10 -0.01	55.92 3.16 -0.01	60.02 3.71 -0.01	65.69 4.24 0.00	61.88 3.99 -0.01	56.08 3.22 -0.01	54.21 3.17 -0.01	51.62 2.87 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	43.48 2.38 0.00	42.01 2.11 0.00	40.12 1.87 0.00	39.68 1.78 0.00	39.82 1.75 0.00	44.51 1.96 0.01	56.81 2.34 0.01	66.31 3.52 0.01	60.79 3.44 -0.01	59.06 3.29 -0.01	56.67 3.05 -0.01	53.27 3.06 -0.01	52.09 3.04 -0.01	51.57 2.92 -0.01	50.94 2.93 -0.01	51.14 2.94 -0.01	51.51 3.05 -0.01	55.87 3.11 -0.01	59.96 3.66 -0.01	65.69 4.24 0.00	61.88 3.99 -0.01	56.08 3.22 -0.01	54.21 3.17 -0.01	51.62 2.87 -0.01
ASTORIA_GT2_1 24094	43.49 2.38 0.00	42.17 2.27 0.00	40.16 1.91 0.00	39.68 1.78 0.00	39.81 1.75 0.00	44.56 2.00 0.00	56.82 2.34 0.00	66.39 3.58 0.00	60.79 3.44 -0.01	59.07 3.29 -0.01	56.67 3.06 -0.01	53.32 3.11 -0.01	52.08 3.04 0.00	51.62 2.97 -0.01	50.94 2.93 -0.01	51.14 2.94 -0.01	51.56 3.10 -0.01	55.98 3.22 -0.01	60.02 3.72 -0.01	65.63 4.18 0.00	61.94 4.05 -0.01	56.03 3.17 -0.01	54.37 3.32 -0.01	51.72 2.97 -0.01
ASTORIA_GT2_2 24095	43.49 2.38 0.00	42.17 2.27 0.00	40.16 1.91 0.00	39.68 1.78 0.00	39.81 1.75 0.00	44.56 2.00 0.00	56.82 2.34 0.00	66.39 3.58 0.00	60.79 3.44 -0.01	59.07 3.29 -0.01	56.67 3.06 -0.01	53.32 3.11 -0.01	52.08 3.04 0.00	51.62 2.97 -0.01	50.94 2.93 -0.01	51.14 2.94 -0.01	51.56 3.10 -0.01	55.98 3.22 -0.01	60.02 3.72 -0.01	65.63 4.18 0.00	61.94 4.05 -0.01	56.03 3.17 -0.01	54.37 3.32 -0.01	51.72 2.97 -0.01
ASTORIA_GT2_3 24096	43.49 2.38 0.00	42.17 2.27 0.00	40.16 1.91 0.00	39.68 1.78 0.00	39.81 1.75 0.00	44.56 2.00 0.00	56.82 2.34 0.00	66.39 3.58 0.00	60.79 3.44 -0.01	59.07 3.29 -0.01	56.67 3.06 -0.01	53.32 3.11 -0.01	52.08 3.04 0.00	51.62 2.97 -0.01	50.94 2.93 -0.01	51.14 2.94 -0.01	51.56 3.10 -0.01	55.98 3.22 -0.01	60.02 3.72 -0.01	65.63 4.18 0.00	61.94 4.05 -0.01	56.03 3.17 -0.01	54.37 3.32 -0.01	51.72 2.97 -0.01
ASTORIA_GT2_4 24097	43.49 2.38 0.00	42.17 2.27 0.00	40.16 1.91 0.00	39.68 1.78 0.00	39.81 1.75 0.00	44.56 2.00 0.00	56.82 2.34 0.00	66.39 3.58 0.00	60.79 3.44 -0.01	59.07 3.29 -0.01	56.67 3.06 -0.01	53.32 3.11 -0.01	52.08 3.04 0.00	51.62 2.97 -0.01	50.94 2.93 -0.01	51.14 2.94 -0.01	51.56 3.10 -0.01	55.98 3.22 -0.01	60.02 3.72 -0.01	65.63 4.18 0.00	61.94 4.05 -0.01	56.03 3.17 -0.01	54.37 3.32 -0.01	51.72 2.97 -0.01
ASTORIA_GT3_1 24098	43.49 2.38 0.00	42.17 2.27 0.00	40.16 1.91 0.00	39.68 1.78 0.00	39.81 1.75 0.00	44.56 2.00 0.00	56.82 2.34 0.00	66.39 3.58 0.00	60.79 3.44 -0.01	59.07 3.29 -0.01	56.67 3.06 -0.01	53.32 3.11 -0.01	52.08 3.04 0.00	51.62 2.97 -0.01	50.94 2.93 -0.01	51.14 2.94 -0.01	51.56 3.10 -0.01	55.98 3.22 -0.01	60.02 3.72 -0.01	65.63 4.18 0.00	61.94 4.05 -0.01	56.03 3.17 -0.01	54.37 3.32 -0.01	51.72 2.97 -0.01
ASTORIA_GT3_2 24099	43.49 2.38 0.00	42.17 2.27 0.00	40.16 1.91 0.00	39.68 1.78 0.00	39.81 1.75 0.00	44.56 2.00 0.00	56.82 2.34 0.00	66.39 3.58 0.00	60.79 3.44 -0.01	59.07 3.29 -0.01	56.67 3.06 -0.01	53.32 3.11 -0.01	52.08 3.04 0.00	51.62 2.97 -0.01	50.94 2.93 -0.01	51.14 2.94 -0.01	51.56 3.10 -0.01	55.98 3.22 -0.01	60.02 3.72 -0.01	65.63 4.18 0.00	61.94 4.05 -0.01	56.03 3.17 -0.01	54.37 3.32 -0.01	51.72 2.97 -0.01
ASTORIA_GT3_3 24100	43.49 2.38 0.00	42.17 2.27 0.00	40.16 1.91 0.00	39.68 1.78 0.00	39.81 1.75 0.00	44.56 2.00 0.00	56.82 2.34 0.00	66.39 3.58 0.00	60.79 3.44 -0.01	59.07 3.29 -0.01	56.67 3.06 -0.01	53.32 3.11 -0.01	52.08 3.04 0.00	51.62 2.97 -0.01	50.94 2.93 -0.01	51.14 2.94 -0.01	51.56 3.10 -0.01	55.98 3.22 -0.01	60.02 3.72 -0.01	65.63 4.18 0.00	61.94 4.05 -0.01	56.03 3.17 -0.01	54.37 3.32 -0.01	51.72 2.97 -0.01
ASTORIA_GT3_4 24101	43.49 2.38 0.00	42.17 2.27 0.00	40.16 1.91 0.00	39.68 1.78 0.00	39.81 1.75 0.00	44.56 2.00 0.00	56.82 2.34 0.00	66.39 3.58 0.00	60.79 3.44 -0.01	59.07 3.29 -0.01	56.67 3.06 -0.01	53.32 3.11 -0.01	52.08 3.04 0.00	51.62 2.97 -0.01	50.94 2.93 -0.01	51.14 2.94 -0.01	51.56 3.10 -0.01	55.98 3.22 -0.01	60.02 3.72 -0.01	65.63 4.18 0.00	61.94 4.05 -0.01	56.03 3.17 -0.01	54.37 3.32 -0.01	51.72 2.97 -0.01
ASTORIA_GT4_1 24102	43.49 2.38 0.00	42.17 2.27 0.00	40.16 1.91 0.00	39.68 1.78 0.00	39.81 1.75 0.00	44.56 2.00 0.00	56.82 2.34 0.00	66.39 3.58 0.00	60.79 3.44 -0.01	59.07 3.29 -0.01	56.67 3.06 -0.01	53.32 3.11 -0.01	52.08 3.04 0.00	51.62 2.97 -0.01	50.94 2.93 -0.01	51.14 2.94 -0.01	51.56 3.10 -0.01	55.98 3.22 -0.01	60.02 3.72 -0.01	65.63 4.18 0.00	61.94 4.05 -0.01	56.03 3.17 -0.01	54.37 3.32 -0.01	51.72 2.97 -0.01
ASTORIA_GT4_2 24103	43.49 2.38 0.00	42.17 2.27 0.00	40.16 1.91 0.00	39.68 1.78 0.00	39.81 1.75 0.00	44.56 2.00 0.00	56.82 2.34 0.00	66.39 3.58 0.00	60.79 3.44 -0.01	59.07 3.29 -0.01	56.67 3.06 -0.01	53.32 3.11 -0.01	52.08 3.04 0.00	51.62 2.97 -0.01	50.94 2.93 -0.01	51.14 2.94 -0.01	51.56 3.10 -0.01	55.98 3.22 -0.01	60.02 3.72 -0.01	65.63 4.18 0.00	61.94 4.05 -0.01	56.03 3.17 -0.01	54.37 3.32 -0.01	51.72 2.97 -0.01
ASTORIA_GT4_3 24104	43.49 2.38 0.00	42.17 2.27 0.00	40.16 1.91 0.00	39.68 1.78 0.00	39.81 1.75 0.00	44.56 2.00 0.00	56.82 2.34 0.00	66.39 3.58 0.00	60.79 3.44 -0.01	59.07 3.29 -0.01	56.67 3.06 -0.01	53.32 3.11 -0.01	52.08 3.04 0.00	51.62 2.97 -0.01	50.94 2.93 -0.01	51.14 2.94 -0.01	51.56 3.10 -0.01	55.98 3.22 -0.01	60.02 3.72 -0.01	65.63 4.18 0.00	61.94 4.05 -0.01	56.03 3.17 -0.01	54.37 3.32 -0.01	51.72 2.97 -0.01

ASTORIA_GT4_4 24105	43.49 2.38 0.00	42.17 2.27 0.00	40.16 1.91 0.00	39.68 1.78 0.00	39.81 1.75 0.00	44.56 2.00 0.00	56.82 2.34 0.00	66.39 3.58 0.00	60.79 3.44 -0.01	59.07 3.29 -0.01	56.67 3.06 -0.01	53.32 3.11 -0.01	52.08 3.04 0.00	51.62 2.97 -0.01	50.94 2.93 -0.01	51.14 2.94 -0.01	51.56 3.10 -0.01	55.98 3.22 -0.01	60.02 3.72 -0.01	65.63 4.18 0.00	61.94 4.05 -0.01	56.03 3.17 -0.01	54.37 3.32 -0.01	51.72 2.97 -0.01
ASTORIA_GT_1 23523	43.57 2.47 0.00	42.09 2.19 0.00	40.20 1.95 0.00	39.76 1.86 0.00	39.89 1.83 0.00	44.59 2.04 0.01	56.92 2.45 0.01	66.50 3.70 0.01	60.91 3.56 -0.01	59.23 3.46 -0.01	56.83 3.22 -0.01	53.37 3.16 -0.01	52.19 3.14 -0.01	51.71 3.07 -0.01	51.04 3.03 -0.01	51.29 3.09 -0.01	51.66 3.20 -0.01	56.03 3.27 -0.01	60.13 3.83 -0.01	65.82 4.36 0.00	61.99 4.11 -0.01	56.19 3.33 -0.01	54.32 3.27 -0.01	51.72 2.97 -0.01
ASTORIA_GT_10 24110	43.61 2.51 0.00	42.29 2.39 0.00	40.31 2.07 0.00	39.87 1.97 0.00	40.04 1.98 0.00	44.81 2.26 0.00	57.20 2.72 0.00	66.76 3.96 0.00	60.96 3.61 -0.01	60.26 3.51 -0.98	56.89 3.27 -0.01	56.37 3.26 -2.91	56.32 3.24 -4.04	58.29 3.11 -6.53	55.86 3.12 -4.73	55.90 3.13 -4.57	56.32 3.29 -4.57	56.14 3.38 -0.01	60.07 3.77 -0.01	65.57 4.12 0.00	61.88 3.99 -0.01	56.08 3.22 -0.01	54.16 3.11 -0.01	51.57 2.83 -0.01
ASTORIA_GT_11 24225	43.61 2.51 0.00	42.29 2.39 0.00	40.31 2.07 0.00	39.87 1.97 0.00	40.04 1.98 0.00	44.81 2.26 0.00	57.20 2.72 0.00	66.76 3.96 0.00	60.96 3.61 -0.01	60.26 3.51 -0.98	56.89 3.27 -0.01	56.37 3.26 -2.91	56.32 3.24 -4.04	58.29 3.11 -6.53	55.86 3.12 -4.73	55.90 3.13 -4.57	56.32 3.29 -4.57	56.14 3.38 -0.01	60.07 3.77 -0.01	65.57 4.12 0.00	61.88 3.99 -0.01	56.08 3.22 -0.01	54.16 3.11 -0.01	51.57 2.83 -0.01
ASTORIA_GT_12 24226	43.61 2.51 0.00	42.29 2.39 0.00	40.31 2.07 0.00	39.87 1.97 0.00	40.04 1.98 0.00	44.81 2.26 0.00	57.20 2.72 0.00	66.76 3.96 0.00	60.96 3.61 -0.01	60.26 3.51 -0.98	56.89 3.27 -0.01	56.37 3.26 -2.91	56.32 3.24 -4.04	58.29 3.11 -6.53	55.86 3.12 -4.73	55.90 3.13 -4.57	56.32 3.29 -4.57	56.14 3.38 -0.01	60.07 3.77 -0.01	65.57 4.12 0.00	61.88 3.99 -0.01	56.08 3.22 -0.01	54.16 3.11 -0.01	51.57 2.83 -0.01
ASTORIA_GT_13 24227	43.61 2.51 0.00	42.29 2.39 0.00	40.31 2.07 0.00	39.87 1.97 0.00	40.04 1.98 0.00	44.81 2.26 0.00	57.20 2.72 0.00	66.76 3.96 0.00	60.96 3.61 -0.01	60.26 3.51 -0.98	56.89 3.27 -0.01	56.37 3.26 -2.91	56.32 3.24 -4.04	58.29 3.11 -6.53	55.86 3.12 -4.73	55.90 3.13 -4.57	56.32 3.29 -4.57	56.14 3.38 -0.01	60.07 3.77 -0.01	65.57 4.12 0.00	61.88 3.99 -0.01	56.08 3.22 -0.01	54.16 3.11 -0.01	51.57 2.83 -0.01
ASTORIA_GT_5 24106	43.57 2.47 0.00	42.21 2.31 0.00	40.20 1.95 0.00	39.76 1.86 0.00	39.89 1.83 0.00	44.60 2.04 0.00	56.93 2.45 0.00	66.45 3.64 0.00	60.91 3.56 -0.01	59.18 3.40 -0.01	56.78 3.16 -0.01	53.42 3.21 -0.01	52.18 3.14 0.00	51.71 3.06 -0.01	51.04 3.02 -0.01	51.24 3.04 -0.01	51.66 3.20 -0.01	56.08 3.32 -0.01	60.13 3.83 -0.01	65.76 4.30 0.00	62.05 4.17 -0.01	56.08 3.22 -0.01	54.47 3.42 -0.01	51.76 3.02 -0.01
ASTORIA_GT_7 24107	43.57 2.47 0.00	42.21 2.31 0.00	40.20 1.95 0.00	39.76 1.86 0.00	39.89 1.83 0.00	44.60 2.04 0.00	56.93 2.45 0.00	66.45 3.64 0.00	60.91 3.56 -0.01	59.18 3.40 -0.01	56.78 3.16 -0.01	53.42 3.21 -0.01	52.18 3.14 0.00	51.71 3.06 -0.01	51.04 3.02 -0.01	51.24 3.04 -0.01	51.66 3.20 -0.01	56.08 3.32 -0.01	60.13 3.83 -0.01	65.76 4.30 0.00	62.05 4.17 -0.01	56.08 3.22 -0.01	54.47 3.42 -0.01	51.76 3.02 -0.01
ASTORIA_GT_8 24108	43.57 2.47 0.00	42.21 2.31 0.00	40.20 1.95 0.00	39.76 1.86 0.00	39.89 1.83 0.00	44.60 2.04 0.00	56.93 2.45 0.00	66.45 3.64 0.00	60.91 3.56 -0.01	59.18 3.40 -0.01	56.78 3.16 -0.01	53.42 3.21 -0.01	52.18 3.14 0.00	51.71 3.06 -0.01	51.04 3.02 -0.01	51.24 3.04 -0.01	51.66 3.20 -0.01	56.08 3.32 -0.01	60.13 3.83 -0.01	65.76 4.30 0.00	62.05 4.17 -0.01	56.08 3.22 -0.01	54.47 3.42 -0.01	51.76 3.02 -0.01
ASTORIA___2 24149	43.48 2.38 0.00	42.05 2.15 0.00	40.16 1.91 0.00	39.68 1.78 0.00	39.82 1.75 0.00	44.55 2.00 0.01	56.81 2.34 0.01	66.38 3.58 0.01	60.79 3.44 -0.01	59.12 3.35 -0.01	56.72 3.11 -0.01	53.27 3.06 -0.01	52.09 3.04 -0.01	51.62 2.97 -0.01	50.94 2.93 -0.01	51.14 2.94 -0.01	51.56 3.10 -0.01	55.92 3.16 -0.01	60.02 3.71 -0.01	65.69 4.24 0.00	61.88 3.99 -0.01	56.08 3.22 -0.01	54.21 3.17 -0.01	51.62 2.87 -0.01
ASTORIA___3 23516	43.61 2.51 0.00	42.21 2.31 0.00	40.31 2.06 0.00	39.87 1.97 0.00	40.04 1.98 0.00	44.77 2.21 0.00	57.20 2.72 0.00	66.83 4.02 0.00	60.96 3.61 -0.01	60.27 3.52 -0.98	56.89 3.27 -0.01	56.32 3.22 -2.91	56.32 3.24 -4.04	58.29 3.12 -6.53	55.85 3.12 -4.73	55.90 3.13 -4.57	56.32 3.30 -4.57	56.08 3.33 -0.01	60.07 3.77 -0.01	65.64 4.18 0.00	61.88 3.99 -0.01	56.14 3.28 -0.01	54.11 3.06 -0.01	51.52 2.78 -0.01
ASTORIA___4 23517	43.61 2.51 0.00	42.29 2.39 0.00	40.31 2.07 0.00	39.87 1.97 0.00	40.04 1.98 0.00	44.81 2.26 0.00	57.20 2.72 0.00	66.76 3.96 0.00	60.96 3.61 -0.01	60.26 3.51 -0.98	56.89 3.27 -0.01	56.37 3.26 -2.91	56.32 3.24 -4.04	58.29 3.11 -6.53	55.86 3.12 -4.73	55.90 3.13 -4.57	56.32 3.29 -4.57	56.14 3.38 -0.01	60.07 3.77 -0.01	65.57 4.12 0.00	61.88 3.99 -0.01	56.08 3.22 -0.01	54.16 3.11 -0.01	51.57 2.83 -0.01
ASTORIA___5 23518	43.61 2.51 0.00	42.21 2.31 0.00	40.31 2.06 0.00	39.87 1.97 0.00	40.04 1.98 0.00	44.77 2.21 0.00	57.20 2.72 0.00	66.83 4.02 0.00	60.96 3.61 -0.01	60.27 3.52 -0.98	56.89 3.27 -0.01	56.32 3.22 -2.91	56.32 3.24 -4.04	58.29 3.12 -6.53	55.85 3.12 -4.73	55.90 3.13 -4.57	56.32 3.30 -4.57	56.08 3.33 -0.01	60.07 3.77 -0.01	65.64 4.18 0.00	61.88 3.99 -0.01	56.14 3.28 -0.01	54.11 3.06 -0.01	51.52 2.78 -0.01
AST_ENERGY_2_CC3 323677	43.32 2.22 0.00	41.97 2.07 0.00	40.08 1.84 0.00	39.68 1.78 0.00	39.82 1.75 0.00	44.52 1.96 0.00	56.93 2.45 0.00	66.45 3.64 0.00	60.61 3.27 0.00	58.94 3.18 0.00	56.61 3.00 0.00	53.11 2.91 0.00	51.99 2.94 0.00	51.46 2.82 0.00	50.84 2.83 0.00	51.04 2.84 0.00	51.46 3.01 0.00	55.76 3.01 0.00	59.73 3.43 0.00	65.27 3.81 0.00	61.58 3.71 0.00	55.86 3.01 0.00	53.79 2.75 0.00	51.22 2.48 0.00
AST_ENERGY_2_CC4 323678	43.32 2.22 0.00	41.97 2.07 0.00	40.08 1.84 0.00	39.68 1.78 0.00	39.82 1.75 0.00	44.52 1.96 0.00	56.93 2.45 0.00	66.45 3.64 0.00	60.61 3.27 0.00	58.94 3.18 0.00	56.61 3.00 0.00	53.11 2.91 0.00	51.99 2.94 0.00	51.46 2.82 0.00	50.84 2.83 0.00	51.04 2.84 0.00	51.46 3.01 0.00	55.76 3.01 0.00	59.73 3.43 0.00	65.27 3.81 0.00	61.58 3.71 0.00	55.86 3.01 0.00	53.79 2.75 0.00	51.22 2.48 0.00

ATHENS_STG_1 23668	42.05 0.95 0.00	40.78 0.88 0.00	39.01 0.76 0.00	38.62 0.72 0.00	38.78 0.72 0.00	43.32 0.77 0.00	55.46 0.98 0.00	64.25 1.45 0.00	58.55 1.21 0.00	56.77 1.00 0.00	54.57 0.97 0.00	51.15 0.95 0.00	49.97 0.93 0.00	49.52 0.88 0.00	48.91 0.91 0.00	49.11 0.91 0.00	49.47 1.02 0.00	53.81 1.05 0.00	57.59 1.30 0.00	62.93 1.47 0.00	59.26 1.39 0.00	53.91 1.06 0.00	52.01 0.97 0.00	49.61 0.88 0.00
ATHENS_STG_2 23670	42.05 0.95 0.00	40.78 0.88 0.00	39.01 0.76 0.00	38.62 0.72 0.00	38.78 0.72 0.00	43.32 0.77 0.00	55.46 0.98 0.00	64.25 1.45 0.00	58.55 1.21 0.00	56.77 1.00 0.00	54.57 0.97 0.00	51.15 0.95 0.00	49.97 0.93 0.00	49.52 0.88 0.00	48.91 0.91 0.00	49.11 0.91 0.00	49.47 1.02 0.00	53.81 1.05 0.00	57.59 1.30 0.00	62.93 1.47 0.00	59.26 1.39 0.00	53.91 1.06 0.00	52.01 0.97 0.00	49.61 0.88 0.00
ATHENS_STG_3 23677	42.05 0.95 0.00	40.78 0.88 0.00	39.01 0.76 0.00	38.62 0.72 0.00	38.78 0.72 0.00	43.32 0.77 0.00	55.46 0.98 0.00	64.25 1.45 0.00	58.55 1.21 0.00	56.77 1.00 0.00	54.57 0.97 0.00	51.15 0.95 0.00	49.97 0.93 0.00	49.52 0.88 0.00	48.91 0.91 0.00	49.11 0.91 0.00	49.47 1.02 0.00	53.81 1.05 0.00	57.59 1.30 0.00	62.93 1.47 0.00	59.26 1.39 0.00	53.91 1.06 0.00	52.01 0.97 0.00	49.61 0.88 0.00
AUBURN___LFGE 323710	41.14 0.04 0.00	39.98 0.08 0.00	38.36 0.11 0.00	38.09 0.19 0.00	38.29 0.23 0.00	42.90 0.34 0.00	54.97 0.49 0.00	63.94 1.13 0.00	57.97 0.63 0.00	56.16 0.39 0.00	54.09 0.48 0.00	50.70 0.50 0.00	49.48 0.44 0.00	49.13 0.49 0.00	48.39 0.38 0.00	48.63 0.43 0.00	48.74 0.29 0.00	52.91 0.16 0.00	56.80 0.51 0.00	62.13 0.68 0.00	58.51 0.64 0.00	53.11 0.26 0.00	51.35 0.31 0.00	48.93 0.19 0.00
BABYLON_RES_REC 323704	43.99 2.88 -0.01	42.62 2.71 -0.01	40.51 2.26 0.00	40.06 2.16 0.00	40.04 1.98 0.00	45.11 2.55 0.00	55.62 1.15 0.00	64.76 1.95 0.00	58.78 1.43 0.00	56.99 1.23 0.00	54.57 0.97 0.00	51.30 1.10 0.00	50.26 1.23 0.00	49.76 1.12 0.00	49.35 1.34 0.00	49.45 1.25 0.00	50.39 1.94 0.00	55.28 2.53 0.00	59.23 2.93 -0.01	63.85 2.39 0.00	60.42 2.54 0.00	54.54 1.69 0.00	52.57 1.53 0.00	50.20 1.46 0.00
BABYLON__69_KV_BK2 356345	44.44 3.33 -0.01	43.10 3.19 -0.01	40.89 2.64 0.00	40.44 2.54 0.00	40.42 2.36 0.00	45.62 3.06 0.00	56.49 2.02 0.00	66.14 3.33 0.00	59.75 2.41 0.00	58.05 2.29 0.00	55.65 2.04 0.00	52.36 2.16 0.00	51.10 2.06 0.00	50.59 1.95 0.00	50.26 2.26 0.00	50.37 2.17 0.00	51.26 2.81 0.00	56.50 3.75 0.00	60.47 4.17 -0.01	65.51 4.06 0.00	61.64 3.76 0.00	55.60 2.75 0.00	54.05 3.01 0.00	51.17 2.44 0.00
BALL_HILL_WT_PWR 323825	40.44 -0.66 0.00	39.10 -0.80 0.00	37.60 -0.65 0.00	37.56 -0.34 0.00	37.95 -0.11 0.00	42.30 -0.25 0.00	54.10 -0.38 0.00	63.19 0.38 0.00	56.42 -0.92 0.00	54.21 -1.56 0.00	52.38 -1.23 0.00	49.65 -0.55 0.00	48.21 -0.83 0.00	47.86 -0.78 0.00	47.04 -0.96 0.00	47.23 -0.96 0.00	47.10 -1.36 0.00	51.06 -1.69 0.00	55.22 -1.07 0.00	60.47 -0.99 0.00	56.84 -1.04 0.00	51.00 -1.85 0.00	49.97 -1.07 0.00	47.47 -1.27 0.00
BARON_WINDS___WT_PWR 323822	40.11 -0.99 0.00	39.02 -0.88 0.00	37.48 -0.76 0.00	37.29 -0.61 0.00	37.65 -0.42 0.00	42.17 -0.38 0.00	53.98 -0.49 0.00	63.00 0.19 0.00	56.60 -0.75 0.00	54.71 -1.06 0.00	52.65 -0.96 0.00	49.54 -0.65 0.00	48.31 -0.73 0.00	47.86 -0.78 0.00	47.09 -0.91 0.00	47.57 -0.63 0.00	47.63 -0.82 0.00	51.85 -0.90 0.00	56.01 -0.28 0.00	61.39 -0.06 0.00	57.70 -0.17 0.00	51.95 -0.90 0.00	50.53 -0.51 0.00	48.15 -0.58 0.00
BARRETT_IC_1 23704	43.70 2.59 -0.01	42.34 2.43 -0.01	40.31 2.06 0.00	39.87 1.97 0.00	39.89 1.83 0.00	44.85 2.30 0.00	55.95 1.47 0.00	65.38 2.58 0.00	59.23 1.89 0.00	57.50 1.73 0.00	55.16 1.56 0.00	51.85 1.65 0.00	50.85 1.82 0.00	50.39 1.75 0.00	49.87 1.87 0.00	49.98 1.78 0.00	50.83 2.37 0.00	55.39 2.64 0.00	59.28 2.98 -0.01	64.34 2.89 0.00	60.60 2.72 0.00	54.86 2.01 0.00	52.93 1.89 0.00	50.25 1.51 0.00
BARRETT_IC_10 23701	43.70 2.59 -0.01	42.34 2.43 -0.01	40.31 2.06 0.00	39.87 1.97 0.00	39.89 1.83 0.00	44.85 2.30 0.00	55.95 1.47 0.00	65.38 2.58 0.00	59.23 1.89 0.00	57.50 1.73 0.00	55.16 1.56 0.00	51.85 1.65 0.00	50.85 1.82 0.00	50.39 1.75 0.00	49.87 1.87 0.00	49.98 1.78 0.00	50.83 2.37 0.00	55.39 2.64 0.00	59.28 2.98 -0.01	64.34 2.89 0.00	60.60 2.72 0.00	54.86 2.01 0.00	52.93 1.89 0.00	50.25 1.51 0.00
BARRETT_IC_11 23702	43.70 2.59 -0.01	42.34 2.43 -0.01	40.31 2.06 0.00	39.87 1.97 0.00	39.89 1.83 0.00	44.85 2.30 0.00	55.95 1.47 0.00	65.38 2.58 0.00	59.23 1.89 0.00	57.50 1.73 0.00	55.16 1.56 0.00	51.85 1.65 0.00	50.85 1.82 0.00	50.39 1.75 0.00	49.87 1.87 0.00	49.98 1.78 0.00	50.83 2.37 0.00	55.39 2.64 0.00	59.28 2.98 -0.01	64.34 2.89 0.00	60.60 2.72 0.00	54.86 2.01 0.00	52.93 1.89 0.00	50.25 1.51 0.00
BARRETT_IC_12 23703	43.70 2.59 -0.01	42.34 2.43 -0.01	40.31 2.06 0.00	39.87 1.97 0.00	39.89 1.83 0.00	44.85 2.30 0.00	55.95 1.47 0.00	65.38 2.58 0.00	59.23 1.89 0.00	57.50 1.73 0.00	55.16 1.56 0.00	51.85 1.65 0.00	50.85 1.82 0.00	50.39 1.75 0.00	49.87 1.87 0.00	49.98 1.78 0.00	50.83 2.37 0.00	55.39 2.64 0.00	59.28 2.98 -0.01	64.34 2.89 0.00	60.60 2.72 0.00	54.86 2.01 0.00	52.93 1.89 0.00	50.25 1.51 0.00
BARRETT_IC_2 23705	43.70 2.59 -0.01	42.34 2.43 -0.01	40.31 2.06 0.00	39.87 1.97 0.00	39.89 1.83 0.00	44.85 2.30 0.00	55.95 1.47 0.00	65.38 2.58 0.00	59.23 1.89 0.00	57.50 1.73 0.00	55.16 1.56 0.00	51.85 1.65 0.00	50.85 1.82 0.00	50.39 1.75 0.00	49.87 1.87 0.00	49.98 1.78 0.00	50.83 2.37 0.00	55.39 2.64 0.00	59.28 2.98 -0.01	64.34 2.89 0.00	60.60 2.72 0.00	54.86 2.01 0.00	52.93 1.89 0.00	50.25 1.51 0.00
BARRETT_IC_3 23706	43.70 2.59 -0.01	42.34 2.43 -0.01	40.31 2.06 0.00	39.87 1.97 0.00	39.89 1.83 0.00	44.85 2.30 0.00	55.95 1.47 0.00	65.38 2.58 0.00	59.23 1.89 0.00	57.50 1.73 0.00	55.16 1.56 0.00	51.85 1.65 0.00	50.85 1.82 0.00	50.39 1.75 0.00	49.87 1.87 0.00	49.98 1.78 0.00	50.83 2.37 0.00	55.39 2.64 0.00	59.28 2.98 -0.01	64.34 2.89 0.00	60.60 2.72 0.00	54.86 2.01 0.00	52.93 1.89 0.00	50.25 1.51 0.00
BARRETT_IC_4 23707	43.70 2.59 -0.01	42.34 2.43 -0.01	40.31 2.06 0.00	39.87 1.97 0.00	39.89 1.83 0.00	44.85 2.30 0.00	55.95 1.47 0.00	65.38 2.58 0.00	59.23 1.89 0.00	57.50 1.73 0.00	55.16 1.56 0.00	51.85 1.65 0.00	50.85 1.82 0.00	50.39 1.75 0.00	49.87 1.87 0.00	49.98 1.78 0.00	50.83 2.37 0.00	55.39 2.64 0.00	59.28 2.98 -0.01	64.34 2.89 0.00	60.60 2.72 0.00	54.86 2.01 0.00	52.93 1.89 0.00	50.25 1.51 0.00

BARRETT_IC_5 23708	43.70 2.59 -0.01	42.34 2.43 -0.01	40.31 2.06 0.00	39.87 1.97 0.00	39.89 1.83 0.00	44.85 2.30 0.00	55.95 1.47 0.00	65.38 2.58 0.00	59.23 1.89 0.00	57.50 1.73 0.00	55.16 1.56 0.00	51.85 1.65 0.00	50.85 1.82 0.00	50.39 1.75 0.00	49.87 1.87 0.00	49.98 1.78 0.00	50.83 2.37 0.00	55.39 2.64 0.00	59.28 2.98 -0.01	64.34 2.89 0.00	60.60 2.72 0.00	54.86 2.01 0.00	52.93 1.89 0.00	50.25 1.51 0.00
BARRETT_IC_6 23709	43.70 2.59 -0.01	42.34 2.43 -0.01	40.31 2.06 0.00	39.87 1.97 0.00	39.89 1.83 0.00	44.85 2.30 0.00	55.95 1.47 0.00	65.38 2.58 0.00	59.23 1.89 0.00	57.50 1.73 0.00	55.16 1.56 0.00	51.85 1.65 0.00	50.85 1.82 0.00	50.39 1.75 0.00	49.87 1.87 0.00	49.98 1.78 0.00	50.83 2.37 0.00	55.39 2.64 0.00	59.28 2.98 -0.01	64.34 2.89 0.00	60.60 2.72 0.00	54.86 2.01 0.00	52.93 1.89 0.00	50.25 1.51 0.00
BARRETT_IC_7 23710	43.70 2.59 -0.01	42.38 2.47 -0.01	40.31 2.07 0.00	39.87 1.97 0.00	39.89 1.83 0.00	44.94 2.38 0.00	55.95 1.47 0.00	65.38 2.58 0.00	59.23 1.89 0.00	57.55 1.78 0.00	55.27 1.66 0.00	52.06 1.86 0.00	50.86 1.81 0.00	50.39 1.75 0.00	49.92 1.92 0.00	50.08 1.88 0.00	50.83 2.37 0.00	55.49 2.74 0.00	59.29 2.98 -0.01	64.47 3.01 0.00	60.65 2.78 0.00	54.86 2.01 0.00	53.29 2.25 0.00	50.59 1.85 0.00
BARRETT_IC_8 23711	43.70 2.59 -0.01	42.34 2.43 -0.01	40.31 2.06 0.00	39.87 1.97 0.00	39.89 1.83 0.00	44.85 2.30 0.00	55.95 1.47 0.00	65.38 2.58 0.00	59.23 1.89 0.00	57.50 1.73 0.00	55.16 1.56 0.00	51.85 1.65 0.00	50.85 1.82 0.00	50.39 1.75 0.00	49.87 1.87 0.00	49.98 1.78 0.00	50.83 2.37 0.00	55.39 2.64 0.00	59.28 2.98 -0.01	64.34 2.89 0.00	60.60 2.72 0.00	54.86 2.01 0.00	52.93 1.89 0.00	50.25 1.51 0.00
BARRETT_IC_9 23700	43.70 2.59 -0.01	42.34 2.43 -0.01	40.31 2.06 0.00	39.87 1.97 0.00	39.89 1.83 0.00	44.85 2.30 0.00	55.95 1.47 0.00	65.38 2.58 0.00	59.23 1.89 0.00	57.50 1.73 0.00	55.16 1.56 0.00	51.85 1.65 0.00	50.85 1.82 0.00	50.39 1.75 0.00	49.87 1.87 0.00	49.98 1.78 0.00	50.83 2.37 0.00	55.39 2.64 0.00	59.28 2.98 -0.01	64.34 2.89 0.00	60.60 2.72 0.00	54.86 2.01 0.00	52.93 1.89 0.00	50.25 1.51 0.00
BARRETT___1 23545	43.70 2.59 -0.01	42.34 2.43 -0.01	40.31 2.06 0.00	39.87 1.97 0.00	39.89 1.83 0.00	44.85 2.30 0.00	55.95 1.47 0.00	65.38 2.58 0.00	59.23 1.89 0.00	57.50 1.73 0.00	55.16 1.56 0.00	51.85 1.65 0.00	50.85 1.82 0.00	50.39 1.75 0.00	49.87 1.87 0.00	49.98 1.78 0.00	50.83 2.37 0.00	55.39 2.64 0.00	59.28 2.98 -0.01	64.34 2.89 0.00	60.60 2.72 0.00	54.86 2.01 0.00	52.93 1.89 0.00	50.25 1.51 0.00
BARRETT___2 23546	43.70 2.59 -0.01	42.34 2.43 -0.01	40.31 2.06 0.00	39.87 1.97 0.00	39.89 1.83 0.00	44.85 2.30 0.00	55.95 1.47 0.00	65.38 2.58 0.00	59.23 1.89 0.00	57.50 1.73 0.00	55.16 1.56 0.00	51.85 1.65 0.00	50.85 1.82 0.00	50.39 1.75 0.00	49.87 1.87 0.00	49.98 1.78 0.00	50.83 2.37 0.00	55.39 2.64 0.00	59.28 2.98 -0.01	64.34 2.89 0.00	60.60 2.72 0.00	54.86 2.01 0.00	52.93 1.89 0.00	50.25 1.51 0.00
BATAVIA__115KV_TB1 55881	40.40 -0.70 0.00	38.98 -0.92 0.00	37.60 -0.65 0.00	37.45 -0.45 0.00	37.76 -0.30 0.00	42.17 -0.38 0.00	54.04 -0.44 0.00	63.06 0.25 0.00	56.48 -0.86 0.00	54.48 -1.28 0.00	52.64 -0.96 0.00	49.65 -0.55 0.00	48.16 -0.88 0.00	48.01 -0.63 0.00	47.24 -0.77 0.00	47.52 -0.67 0.00	47.34 -1.11 0.00	51.17 -1.58 0.00	55.34 -0.96 0.00	60.66 -0.80 0.00	57.07 -0.81 0.00	51.53 -1.32 0.00	50.22 -0.82 0.00	47.81 -0.93 0.00
BAYONEEC___CTG1 323682	43.36 2.26 0.00	41.97 2.07 0.00	40.08 1.84 0.00	39.68 1.78 0.00	39.82 1.75 0.00	44.56 2.00 0.00	56.87 2.39 0.00	66.45 3.64 0.00	60.55 3.21 0.00	58.94 3.18 0.00	56.61 3.00 0.00	53.16 2.96 0.00	51.99 2.94 0.00	51.46 2.82 0.00	50.84 2.83 0.00	51.04 2.84 0.00	51.46 3.01 0.00	55.76 3.01 0.00	59.73 3.43 0.00	65.20 3.75 0.00	61.53 3.65 0.00	55.76 2.90 0.00	53.74 2.70 0.00	51.17 2.44 0.00
BAYONEEC___CTG10 323750	43.36 2.26 0.00	41.97 2.07 0.00	40.08 1.84 0.00	39.68 1.78 0.00	39.82 1.75 0.00	44.56 2.00 0.00	56.87 2.39 0.00	66.45 3.64 0.00	60.55 3.21 0.00	58.94 3.18 0.00	56.61 3.00 0.00	53.16 2.96 0.00	51.99 2.94 0.00	51.46 2.82 0.00	50.84 2.83 0.00	51.04 2.84 0.00	51.46 3.01 0.00	55.76 3.01 0.00	59.73 3.43 0.00	65.20 3.75 0.00	61.53 3.65 0.00	55.76 2.90 0.00	53.74 2.70 0.00	51.17 2.44 0.00
BAYONEEC___CTG2 323683	43.36 2.26 0.00	41.97 2.07 0.00	40.08 1.84 0.00	39.68 1.78 0.00	39.82 1.75 0.00	44.56 2.00 0.00	56.87 2.39 0.00	66.45 3.64 0.00	60.55 3.21 0.00	58.94 3.18 0.00	56.61 3.00 0.00	53.16 2.96 0.00	51.99 2.94 0.00	51.46 2.82 0.00	50.84 2.83 0.00	51.04 2.84 0.00	51.46 3.01 0.00	55.76 3.01 0.00	59.73 3.43 0.00	65.20 3.75 0.00	61.53 3.65 0.00	55.76 2.90 0.00	53.74 2.70 0.00	51.17 2.44 0.00
BAYONEEC___CTG3 323684	43.36 2.26 0.00	41.97 2.07 0.00	40.08 1.84 0.00	39.68 1.78 0.00	39.82 1.75 0.00	44.56 2.00 0.00	56.87 2.39 0.00	66.45 3.64 0.00	60.55 3.21 0.00	58.94 3.18 0.00	56.61 3.00 0.00	53.16 2.96 0.00	51.99 2.94 0.00	51.46 2.82 0.00	50.84 2.83 0.00	51.04 2.84 0.00	51.46 3.01 0.00	55.76 3.01 0.00	59.73 3.43 0.00	65.20 3.75 0.00	61.53 3.65 0.00	55.76 2.90 0.00	53.74 2.70 0.00	51.17 2.44 0.00
BAYONEEC___CTG4 323685	43.36 2.26 0.00	41.97 2.07 0.00	40.08 1.84 0.00	39.68 1.78 0.00	39.82 1.75 0.00	44.56 2.00 0.00	56.87 2.39 0.00	66.45 3.64 0.00	60.55 3.21 0.00	58.94 3.18 0.00	56.61 3.00 0.00	53.16 2.96 0.00	51.99 2.94 0.00	51.46 2.82 0.00	50.84 2.83 0.00	51.04 2.84 0.00	51.46 3.01 0.00	55.76 3.01 0.00	59.73 3.43 0.00	65.20 3.75 0.00	61.53 3.65 0.00	55.76 2.90 0.00	53.74 2.70 0.00	51.17 2.44 0.00
BAYONEEC___CTG5 323686	43.36 2.26 0.00	41.97 2.07 0.00	40.08 1.84 0.00	39.68 1.78 0.00	39.82 1.75 0.00	44.56 2.00 0.00	56.87 2.39 0.00	66.45 3.64 0.00	60.55 3.21 0.00	58.94 3.18 0.00	56.61 3.00 0.00	53.16 2.96 0.00	51.99 2.94 0.00	51.46 2.82 0.00	50.84 2.83 0.00	51.04 2.84 0.00	51.46 3.01 0.00	55.76 3.01 0.00	59.73 3.43 0.00	65.20 3.75 0.00	61.53 3.65 0.00	55.76 2.90 0.00	53.74 2.70 0.00	51.17 2.44 0.00
BAYONEEC___CTG6 323687	43.36 2.26 0.00	41.97 2.07 0.00	40.08 1.84 0.00	39.68 1.78 0.00	39.82 1.75 0.00	44.56 2.00 0.00	56.87 2.39 0.00	66.45 3.64 0.00	60.55 3.21 0.00	58.94 3.18 0.00	56.61 3.00 0.00	53.16 2.96 0.00	51.99 2.94 0.00	51.46 2.82 0.00	50.84 2.83 0.00	51.04 2.84 0.00	51.46 3.01 0.00	55.76 3.01 0.00	59.73 3.43 0.00	65.20 3.75 0.00	61.53 3.65 0.00	55.76 2.90 0.00	53.74 2.70 0.00	51.17 2.44 0.00

BAYONEEC___CTG7 323688	43.36 2.26 0.00	41.97 2.07 0.00	40.08 1.84 0.00	39.68 1.78 0.00	39.82 1.75 0.00	44.56 2.00 0.00	56.87 2.39 0.00	66.45 3.64 0.00	60.55 3.21 0.00	58.94 3.18 0.00	56.61 3.00 0.00	53.16 2.96 0.00	51.99 2.94 0.00	51.46 2.82 0.00	50.84 2.83 0.00	51.04 2.84 0.00	51.46 3.01 0.00	55.76 3.01 0.00	59.73 3.43 0.00	65.20 3.75 0.00	61.53 3.65 0.00	55.76 2.90 0.00	53.74 2.70 0.00	51.17 2.44 0.00
BAYONEEC___CTG8 323689	43.36 2.26 0.00	41.97 2.07 0.00	40.08 1.84 0.00	39.68 1.78 0.00	39.82 1.75 0.00	44.56 2.00 0.00	56.87 2.39 0.00	66.45 3.64 0.00	60.55 3.21 0.00	58.94 3.18 0.00	56.61 3.00 0.00	53.16 2.96 0.00	51.99 2.94 0.00	51.46 2.82 0.00	50.84 2.83 0.00	51.04 2.84 0.00	51.46 3.01 0.00	55.76 3.01 0.00	59.73 3.43 0.00	65.20 3.75 0.00	61.53 3.65 0.00	55.76 2.90 0.00	53.74 2.70 0.00	51.17 2.44 0.00
BAYONEEC___CTG9 323749	43.36 2.26 0.00	41.97 2.07 0.00	40.08 1.84 0.00	39.68 1.78 0.00	39.82 1.75 0.00	44.56 2.00 0.00	56.87 2.39 0.00	66.45 3.64 0.00	60.55 3.21 0.00	58.94 3.18 0.00	56.61 3.00 0.00	53.16 2.96 0.00	51.99 2.94 0.00	51.46 2.82 0.00	50.84 2.83 0.00	51.04 2.84 0.00	51.46 3.01 0.00	55.76 3.01 0.00	59.73 3.43 0.00	65.20 3.75 0.00	61.53 3.65 0.00	55.76 2.90 0.00	53.74 2.70 0.00	51.17 2.44 0.00
BEACON___LESR 323632	42.21 1.11 0.00	41.02 1.12 0.00	39.24 0.99 0.00	38.85 0.95 0.00	39.02 0.95 0.00	43.49 0.94 0.00	56.00 1.52 0.00	64.69 1.88 0.00	58.89 1.55 0.00	56.99 1.23 0.00	54.74 1.13 0.00	51.20 1.00 0.00	50.02 0.98 0.00	49.52 0.88 0.00	49.01 1.01 0.00	49.21 1.01 0.00	49.57 1.12 0.00	54.02 1.26 0.00	57.87 1.57 0.00	63.30 1.84 0.00	59.50 1.62 0.00	54.12 1.27 0.00	52.11 1.07 0.00	49.71 0.97 0.00
BEAVER RIVER___HYD 24048	40.40 -0.70 0.00	39.18 -0.72 0.00	37.68 -0.57 0.00	37.33 -0.57 0.00	37.49 -0.57 0.00	42.13 -0.43 0.00	54.21 -0.27 0.00	62.49 -0.31 0.00	56.66 -0.69 0.00	54.93 -0.83 0.00	52.75 -0.86 0.00	49.19 -1.00 0.00	48.11 -0.93 0.00	47.91 -0.73 0.00	47.57 -0.43 0.00	47.76 -0.43 0.00	48.06 -0.39 0.00	52.59 -0.16 0.00	56.41 0.11 0.00	61.89 0.43 0.00	58.46 0.58 0.00	53.12 0.27 0.00	51.19 0.15 0.00	48.69 -0.05 0.00
BEEBEE_GT_13 23619	40.57 -0.53 0.00	39.22 -0.68 0.00	37.75 -0.50 0.00	37.48 -0.42 0.00	37.76 -0.30 0.00	42.22 -0.34 0.00	54.04 -0.44 0.00	62.87 0.06 0.00	56.77 -0.57 0.00	55.04 -0.72 0.00	53.13 -0.48 0.00	50.00 -0.20 0.00	48.60 -0.44 0.00	48.45 -0.19 0.00	47.72 -0.29 0.00	47.91 -0.29 0.00	47.82 -0.63 0.00	51.80 -0.95 0.00	55.73 -0.56 0.00	60.96 -0.49 0.00	57.36 -0.52 0.00	52.00 -0.85 0.00	50.43 -0.61 0.00	48.10 -0.63 0.00
BENSHRST_27_KV_BENSHRST_1 355998	52.02 3.00 -7.92	52.05 2.83 -9.32	41.20 2.49 -0.47	40.29 2.39 0.00	40.46 2.40 0.00	52.03 2.72 -6.75	57.86 3.38 -0.01	67.58 4.77 0.00	61.54 4.19 -0.01	60.88 4.13 -0.98	59.34 3.86 -1.88	59.94 3.76 -5.98	61.05 3.73 -8.28	63.49 3.60 -11.26	61.68 3.60 -10.08	62.23 3.61 -10.42	60.98 3.73 -8.80	56.93 3.96 -0.22	60.69 4.39 -0.01	66.31 4.86 0.00	62.57 4.69 -0.01	56.72 3.86 -0.01	58.32 3.57 -3.71	53.52 3.36 -1.42
BETHLEHEM___GRP 23843	41.59 0.49 0.00	40.42 0.52 0.00	38.63 0.38 0.00	38.28 0.38 0.00	38.41 0.34 0.00	42.77 0.21 0.00	54.91 0.44 0.00	63.50 0.69 0.00	57.86 0.52 0.00	55.99 0.22 0.00	53.82 0.21 0.00	50.35 0.15 0.00	49.19 0.15 0.00	48.74 0.10 0.00	48.20 0.19 0.00	48.39 0.19 0.00	48.74 0.29 0.00	53.12 0.37 0.00	56.86 0.56 0.00	62.13 0.68 0.00	58.46 0.58 0.00	53.22 0.37 0.00	51.24 0.20 0.00	48.88 0.15 0.00
BETHLEHEM___GS1 323560	41.60 0.50 0.00	40.38 0.48 0.00	38.63 0.38 0.00	38.28 0.38 0.00	38.41 0.34 0.00	42.77 0.21 0.00	54.91 0.43 0.00	63.50 0.69 0.00	57.86 0.51 0.00	56.05 0.28 0.00	53.82 0.22 0.00	50.35 0.15 0.00	49.19 0.15 0.00	48.74 0.10 0.00	48.20 0.19 0.00	48.39 0.19 0.00	48.74 0.29 0.00	53.07 0.32 0.00	56.86 0.56 0.00	62.13 0.68 0.00	58.46 0.58 0.00	53.22 0.37 0.00	51.25 0.20 0.00	48.88 0.15 0.00
BETHLEHEM___GS2 323561	41.60 0.50 0.00	40.38 0.48 0.00	38.63 0.38 0.00	38.28 0.38 0.00	38.41 0.34 0.00	42.77 0.21 0.00	54.91 0.43 0.00	63.50 0.69 0.00	57.86 0.51 0.00	56.05 0.28 0.00	53.82 0.22 0.00	50.35 0.15 0.00	49.19 0.15 0.00	48.74 0.10 0.00	48.20 0.19 0.00	48.39 0.19 0.00	48.74 0.29 0.00	53.07 0.32 0.00	56.86 0.56 0.00	62.13 0.68 0.00	58.46 0.58 0.00	53.22 0.37 0.00	51.25 0.20 0.00	48.88 0.15 0.00
BETHLEHEM___GS3 323562	41.60 0.50 0.00	40.38 0.48 0.00	38.63 0.38 0.00	38.28 0.38 0.00	38.41 0.34 0.00	42.77 0.21 0.00	54.91 0.43 0.00	63.50 0.69 0.00	57.86 0.51 0.00	56.05 0.28 0.00	53.82 0.22 0.00	50.35 0.15 0.00	49.19 0.15 0.00	48.74 0.10 0.00	48.20 0.19 0.00	48.39 0.19 0.00	48.74 0.29 0.00	53.07 0.32 0.00	56.86 0.56 0.00	62.13 0.68 0.00	58.46 0.58 0.00	53.22 0.37 0.00	51.25 0.20 0.00	48.88 0.15 0.00
BETHLEHEM___STEEL 23779	40.12 -0.99 0.00	38.74 -1.16 0.00	37.37 -0.88 0.00	37.29 -0.61 0.00	37.64 -0.42 0.00	41.96 -0.60 0.00	53.71 -0.76 0.00	62.68 -0.13 0.00	55.97 -1.38 0.00	53.87 -1.90 0.00	52.11 -1.50 0.00	49.29 -0.90 0.00	47.96 -1.08 0.00	47.62 -1.02 0.00	46.80 -1.20 0.00	46.99 -1.20 0.00	46.80 -1.65 0.00	50.43 -2.32 0.00	54.66 -1.63 0.00	59.92 -1.54 0.00	56.37 -1.50 0.00	50.79 -2.06 0.00	49.61 -1.43 0.00	47.22 -1.51 0.00
BETHLHEM_115KV_TB1 79974	41.68 0.58 0.00	40.46 0.56 0.00	38.71 0.46 0.00	38.32 0.42 0.00	38.48 0.42 0.00	42.90 0.34 0.00	55.02 0.54 0.00	63.62 0.82 0.00	57.97 0.63 0.00	56.16 0.39 0.00	53.93 0.32 0.00	50.50 0.30 0.00	49.29 0.25 0.00	48.83 0.19 0.00	48.29 0.29 0.00	48.49 0.29 0.00	48.84 0.39 0.00	53.23 0.47 0.00	56.97 0.68 0.00	62.25 0.80 0.00	58.63 0.75 0.00	53.33 0.48 0.00	51.40 0.36 0.00	48.98 0.24 0.00
BETHPAGE_CC_5 323564	43.87 2.75 -0.01	42.50 2.59 -0.01	40.43 2.18 0.00	39.98 2.08 0.00	40.00 1.94 0.00	45.03 2.47 0.00	56.00 1.52 0.00	65.51 2.70 0.00	59.35 2.01 0.00	57.55 1.78 0.00	55.22 1.61 0.00	51.91 1.71 0.00	50.85 1.82 0.00	50.34 1.70 0.00	49.87 1.87 0.00	49.98 1.78 0.00	50.87 2.42 0.00	55.65 2.90 0.00	59.62 3.32 -0.01	64.59 3.13 0.00	60.88 3.01 0.00	54.97 2.12 0.00	53.03 1.99 0.00	50.29 1.56 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	40.16 -0.95 0.00	38.74 -1.16 0.00	37.41 -0.84 0.00	37.33 -0.57 0.00	37.68 -0.38 0.00	42.00 -0.55 0.00	53.77 -0.71 0.00	62.87 0.06 0.00	56.08 -1.26 0.00	53.98 -1.78 0.00	52.21 -1.39 0.00	49.35 -0.85 0.00	48.06 -0.98 0.00	47.67 -0.97 0.00	46.90 -1.10 0.00	47.09 -1.11 0.00	46.90 -1.55 0.00	50.54 -2.22 0.00	54.77 -1.52 0.00	60.10 -1.35 0.00	56.49 -1.39 0.00	50.84 -2.01 0.00	49.71 -1.33 0.00	47.22 -1.51 0.00

BINGHAMTON___COGEN 23790	41.31 0.21 0.00	40.06 0.16 0.00	38.48 0.23 0.00	38.20 0.30 0.00	38.44 0.38 0.00	43.03 0.47 0.00	54.97 0.49 0.00	63.94 1.13 0.00	57.80 0.46 0.00	55.99 0.22 0.00	53.88 0.27 0.00	50.55 0.35 0.00	49.38 0.34 0.00	48.98 0.34 0.00	48.24 0.24 0.00	48.49 0.29 0.00	48.69 0.24 0.00	52.80 0.05 0.00	56.80 0.51 0.00	62.19 0.74 0.00	58.51 0.64 0.00	53.01 0.16 0.00	51.24 0.20 0.00	48.93 0.19 0.00
BIXINCNT_115KV_LOAD 355685	39.83 -1.27 0.00	38.46 -1.44 0.00	37.25 -0.99 0.00	37.26 -0.64 0.00	37.68 -0.38 0.00	42.13 -0.43 0.00	53.93 -0.54 0.00	63.37 0.57 0.00	56.54 -0.80 0.00	54.32 -1.45 0.00	52.48 -1.13 0.00	49.75 -0.45 0.00	48.40 -0.64 0.00	48.06 -0.58 0.00	47.24 -0.77 0.00	47.47 -0.72 0.00	47.29 -1.16 0.00	50.91 -1.85 0.00	55.34 -0.96 0.00	60.72 -0.74 0.00	56.95 -0.93 0.00	51.05 -1.80 0.00	49.87 -1.17 0.00	47.32 -1.41 0.00
BLACK RIVER___HYD 24047	40.82 -0.29 0.00	39.62 -0.28 0.00	38.10 -0.15 0.00	37.75 -0.15 0.00	37.95 -0.11 0.00	42.64 0.09 0.00	54.97 0.49 0.00	63.62 0.81 0.00	57.40 0.06 0.00	55.43 -0.33 0.00	53.29 -0.32 0.00	49.65 -0.55 0.00	48.46 -0.59 0.00	48.30 -0.34 0.00	47.76 -0.24 0.00	48.00 -0.19 0.00	48.21 -0.24 0.00	52.80 0.05 0.00	56.86 0.56 0.00	62.56 1.11 0.00	59.15 1.27 0.00	53.59 0.74 0.00	51.60 0.56 0.00	49.03 0.29 0.00
BLACKRVR_115KV_TB2 79977	40.81 -0.29 0.00	39.62 -0.28 0.00	38.10 -0.15 0.00	37.75 -0.15 0.00	37.95 -0.11 0.00	42.64 0.09 0.00	54.97 0.49 0.00	63.62 0.82 0.00	57.40 0.06 0.00	55.43 -0.33 0.00	53.29 -0.32 0.00	49.60 -0.60 0.00	48.45 -0.59 0.00	48.25 -0.39 0.00	47.76 -0.24 0.00	48.00 -0.19 0.00	48.21 -0.24 0.00	52.75 0.00 0.00	56.86 0.56 0.00	62.62 1.17 0.00	59.15 1.27 0.00	53.59 0.74 0.00	51.60 0.56 0.00	49.03 0.29 0.00
BLISS_WT_PWR 323608	39.75 -1.36 0.00	38.42 -1.48 0.00	37.10 -1.15 0.00	37.14 -0.76 0.00	37.57 -0.50 0.00	42.09 -0.47 0.00	53.82 -0.65 0.00	63.25 0.44 0.00	56.48 -0.86 0.00	54.26 -1.50 0.00	52.43 -1.18 0.00	49.85 -0.35 0.00	48.46 -0.59 0.00	48.15 -0.49 0.00	47.29 -0.72 0.00	47.52 -0.67 0.00	47.29 -1.16 0.00	51.22 -1.53 0.00	55.50 -0.79 0.00	60.72 -0.73 0.00	56.89 -0.98 0.00	50.84 -2.01 0.00	49.82 -1.23 0.00	47.22 -1.51 0.00
BLUESTONE___WT_PWR 323821	43.16 2.05 0.00	41.89 1.99 0.00	40.24 1.99 0.00	39.95 2.05 0.00	40.23 2.17 0.00	45.20 2.64 0.00	58.13 3.65 0.00	67.83 5.03 0.00	61.35 4.01 0.00	59.39 3.62 0.00	57.20 3.59 0.00	53.56 3.36 0.00	52.23 3.19 0.00	51.95 3.31 0.00	51.12 3.12 0.00	51.33 3.13 0.00	51.46 3.01 0.00	55.81 3.06 0.00	60.07 3.77 0.00	65.88 4.43 0.00	62.05 4.17 0.00	55.97 3.12 0.00	54.10 3.06 0.00	51.46 2.73 0.00
BLUE_CIRC_CHEM_DRP 24182	42.09 0.99 0.00	40.90 1.00 0.00	39.17 0.92 0.00	38.77 0.87 0.00	38.94 0.88 0.00	43.41 0.85 0.00	55.67 1.20 0.00	64.25 1.44 0.00	58.55 1.20 0.00	56.66 0.89 0.00	54.41 0.80 0.00	50.90 0.70 0.00	49.68 0.64 0.00	49.22 0.58 0.00	48.68 0.67 0.00	48.87 0.67 0.00	49.23 0.78 0.00	53.70 0.95 0.00	57.48 1.18 0.00	62.81 1.35 0.00	59.15 1.27 0.00	53.85 1.00 0.00	51.96 0.92 0.00	49.56 0.83 0.00
BOC_GAS_DRP 24189	41.84 0.74 0.00	40.62 0.72 0.00	38.86 0.61 0.00	38.47 0.57 0.00	38.63 0.57 0.00	43.11 0.55 0.00	55.29 0.82 0.00	63.94 1.13 0.00	58.26 0.92 0.00	56.44 0.67 0.00	54.25 0.64 0.00	50.80 0.60 0.00	49.63 0.59 0.00	49.18 0.54 0.00	48.58 0.58 0.00	48.77 0.58 0.00	49.13 0.68 0.00	53.54 0.79 0.00	57.25 0.96 0.00	62.56 1.11 0.00	58.92 1.04 0.00	53.59 0.74 0.00	51.70 0.66 0.00	49.32 0.58 0.00
BOONVILLE_115KV_TB1 79983	41.43 0.33 0.00	40.18 0.28 0.00	38.59 0.34 0.00	38.24 0.34 0.00	38.44 0.38 0.00	43.11 0.55 0.00	55.46 0.98 0.00	64.19 1.38 0.00	58.32 0.97 0.00	56.55 0.78 0.00	54.36 0.75 0.00	50.75 0.55 0.00	49.63 0.59 0.00	49.42 0.78 0.00	48.92 0.91 0.00	49.06 0.87 0.00	49.32 0.87 0.00	53.75 1.00 0.00	57.59 1.29 0.00	63.12 1.66 0.00	59.50 1.62 0.00	54.01 1.16 0.00	52.11 1.07 0.00	49.56 0.83 0.00
BORALEX_4TH_BRANCH 23824	42.70 1.60 0.00	41.46 1.56 0.00	39.59 1.34 0.00	39.23 1.33 0.00	39.43 1.37 0.00	43.96 1.40 0.00	56.82 2.34 0.00	65.70 2.89 0.00	59.75 2.41 0.00	57.61 1.84 0.00	55.22 1.61 0.00	51.65 1.46 0.00	50.37 1.32 0.00	49.90 1.26 0.00	49.35 1.34 0.00	49.59 1.40 0.00	49.95 1.50 0.00	54.54 1.79 0.00	58.60 2.31 0.00	64.10 2.64 0.00	60.37 2.49 0.00	54.86 2.01 0.00	52.72 1.68 0.00	50.20 1.46 0.00
BOWLINE___1 23526	42.79 1.69 0.00	41.50 1.60 0.00	39.67 1.42 0.00	39.26 1.36 0.00	39.43 1.37 0.00	44.09 1.53 0.00	56.06 1.58 0.00	65.32 2.51 0.00	59.47 2.12 0.00	57.77 2.00 0.00	55.43 1.82 0.00	52.06 1.86 0.00	50.91 1.86 0.00	50.39 1.75 0.00	49.78 1.78 0.00	50.03 1.83 0.00	50.39 1.94 0.00	54.70 1.95 0.00	58.66 2.36 0.00	64.16 2.70 0.00	60.36 2.49 0.00	54.75 1.90 0.00	52.93 1.89 0.00	50.44 1.70 0.00
BOWLINE___2 23595	42.83 1.73 0.00	41.50 1.60 0.00	39.67 1.42 0.00	39.26 1.36 0.00	39.43 1.37 0.00	44.09 1.53 0.00	56.11 1.63 0.00	65.44 2.64 0.00	59.52 2.18 0.00	57.89 2.12 0.00	55.48 1.88 0.00	52.11 1.91 0.00	50.95 1.91 0.00	50.44 1.80 0.00	49.83 1.82 0.00	50.07 1.88 0.00	50.44 1.99 0.00	54.76 2.00 0.00	58.71 2.42 0.00	64.22 2.77 0.00	60.42 2.54 0.00	54.81 1.96 0.00	52.93 1.89 0.00	50.44 1.70 0.00
BRADY___115KV_TB2 356060	41.23 0.12 0.00	40.02 0.12 0.00	38.52 0.27 0.00	38.13 0.23 0.00	38.22 0.15 0.00	42.77 0.21 0.00	54.31 -0.16 0.00	61.68 -1.13 0.00	56.77 -0.57 0.00	55.49 -0.28 0.00	53.23 -0.38 0.00	49.65 -0.55 0.00	48.55 -0.49 0.00	48.15 -0.49 0.00	47.52 -0.48 0.00	47.67 -0.53 0.00	48.02 -0.44 0.00	52.65 -0.11 0.00	55.84 -0.45 0.00	60.96 -0.49 0.00	57.59 -0.29 0.00	53.01 0.16 0.00	51.19 0.15 0.00	48.88 0.15 0.00
BRANSCOMB___SOLAR 323811	42.87 1.77 0.00	41.70 1.80 0.00	39.93 1.68 0.00	39.53 1.63 0.00	39.74 1.67 0.00	44.34 1.79 0.00	57.25 2.78 0.00	66.13 3.33 0.00	60.15 2.81 0.00	58.11 2.34 0.00	55.81 2.20 0.00	52.00 1.80 0.00	50.71 1.67 0.00	50.20 1.56 0.00	49.78 1.78 0.00	49.98 1.78 0.00	50.29 1.84 0.00	54.91 2.16 0.00	58.94 2.65 0.00	64.53 3.07 0.00	60.65 2.78 0.00	55.17 2.32 0.00	53.13 2.09 0.00	50.73 2.00 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	44.23 3.12 -0.01	42.86 2.95 -0.01	40.66 2.41 0.00	40.21 2.31 0.00	40.19 2.13 0.00	45.41 2.85 0.00	56.16 1.69 0.00	65.76 2.95 0.00	59.35 2.01 0.00	57.66 1.90 0.00	55.27 1.66 0.00	52.01 1.81 0.00	50.76 1.72 0.00	50.25 1.61 0.00	49.92 1.92 0.00	50.03 1.83 0.00	50.92 2.47 0.00	56.18 3.43 0.00	60.07 3.77 -0.01	65.02 3.56 0.00	61.23 3.36 0.00	55.23 2.38 0.00	53.75 2.71 0.00	50.83 2.10 0.00

BRISTLHL_115KV_TB1 79998	40.44 -0.66 0.00	39.30 -0.60 0.00	37.71 -0.54 0.00	37.37 -0.53 0.00	37.57 -0.49 0.00	42.05 -0.51 0.00	53.88 -0.60 0.00	62.49 -0.31 0.00	56.77 -0.57 0.00	55.10 -0.67 0.00	53.07 -0.54 0.00	49.70 -0.50 0.00	48.50 -0.54 0.00	48.15 -0.49 0.00	47.52 -0.48 0.00	47.71 -0.48 0.00	47.87 -0.58 0.00	51.96 -0.79 0.00	55.67 -0.62 0.00	60.84 -0.61 0.00	57.36 -0.52 0.00	52.16 -0.69 0.00	50.38 -0.66 0.00	48.15 -0.58 0.00
BROOKHAVEN___DRP 24191	43.82 2.71 -0.01	42.54 2.63 -0.01	40.31 2.07 0.00	39.83 1.93 0.00	39.81 1.75 0.00	44.98 2.43 0.00	55.57 1.09 0.00	64.94 2.14 0.00	58.43 1.09 0.00	56.83 1.06 0.00	54.36 0.75 0.00	51.15 0.95 0.00	49.92 0.88 0.00	49.47 0.83 0.00	49.11 1.10 0.00	49.26 1.06 0.00	50.20 1.74 0.00	55.97 3.22 0.00	59.79 3.49 -0.01	64.34 2.89 0.00	60.54 2.66 0.00	54.65 1.80 0.00	53.08 2.04 0.00	50.05 1.32 0.00
BROOKLYN_NAVY_YARD 23515	43.24 2.14 0.00	41.85 1.95 0.00	39.97 1.72 0.00	39.57 1.67 0.00	39.70 1.64 0.00	44.43 1.87 0.00	56.82 2.34 0.00	66.39 3.58 0.00	60.61 3.27 0.00	59.00 3.23 0.00	56.61 3.00 0.00	53.16 2.96 0.00	51.99 2.94 0.00	51.46 2.82 0.00	50.84 2.83 0.00	51.09 2.89 0.00	51.51 3.05 0.00	55.81 3.06 0.00	59.78 3.49 0.00	65.33 3.87 0.00	61.58 3.71 0.00	55.81 2.96 0.00	53.74 2.70 0.00	51.12 2.39 0.00
BROOKLYN___ARMY_DRP 323595	51.86 2.84 -7.92	51.89 2.67 -9.32	41.09 2.37 -0.47	40.17 2.27 0.00	40.35 2.28 0.00	51.91 2.60 -6.75	57.64 3.16 -0.01	67.33 4.52 0.00	61.31 3.96 -0.01	60.60 3.85 -0.98	59.13 3.65 -1.88	59.69 3.51 -5.98	60.80 3.48 -8.28	63.30 3.40 -11.26	61.44 3.36 -10.08	62.04 3.42 -10.42	60.79 3.54 -8.80	56.72 3.75 -0.22	60.41 4.11 -0.01	66.00 4.55 0.00	62.28 4.40 -0.01	56.51 3.65 -0.01	58.12 3.37 -3.71	53.37 3.22 -1.42
BROOKVLE_69_KV_TB1 55790	43.91 2.79 -0.01	42.59 2.67 -0.01	40.51 2.26 0.00	40.10 2.20 0.00	40.16 2.09 0.00	45.11 2.55 0.00	56.82 2.34 0.00	66.32 3.52 0.00	60.32 2.98 0.00	58.67 2.90 0.00	56.34 2.73 0.00	53.01 2.81 0.00	51.79 2.75 0.00	51.32 2.68 0.00	50.84 2.83 0.00	50.94 2.75 0.00	51.55 3.10 0.00	56.23 3.48 0.00	60.02 3.72 -0.01	65.39 3.93 0.00	61.52 3.65 0.00	55.76 2.91 0.00	54.00 2.96 0.00	51.22 2.49 0.00
BROOME_2_LFGE 323671	41.31 0.21 0.00	40.10 0.20 0.00	38.48 0.23 0.00	38.20 0.30 0.00	38.44 0.38 0.00	43.03 0.47 0.00	54.97 0.49 0.00	63.94 1.13 0.00	57.80 0.46 0.00	55.99 0.22 0.00	53.88 0.27 0.00	50.60 0.40 0.00	49.39 0.35 0.00	48.98 0.34 0.00	48.25 0.24 0.00	48.49 0.29 0.00	48.65 0.19 0.00	52.86 0.11 0.00	56.86 0.56 0.00	62.20 0.74 0.00	58.51 0.64 0.00	52.96 0.11 0.00	51.30 0.26 0.00	48.93 0.20 0.00
BROOME___LFGE 323600	41.31 0.21 0.00	40.10 0.20 0.00	38.48 0.23 0.00	38.20 0.30 0.00	38.44 0.38 0.00	43.03 0.47 0.00	54.97 0.49 0.00	63.94 1.13 0.00	57.80 0.46 0.00	55.99 0.22 0.00	53.88 0.27 0.00	50.60 0.40 0.00	49.39 0.35 0.00	48.98 0.34 0.00	48.25 0.24 0.00	48.49 0.29 0.00	48.65 0.19 0.00	52.86 0.11 0.00	56.86 0.56 0.00	62.20 0.74 0.00	58.51 0.64 0.00	52.96 0.11 0.00	51.30 0.26 0.00	48.93 0.20 0.00
BROWNFLS_115KV_TB_3_5 80003	39.99 -1.11 0.00	38.82 -1.08 0.00	37.33 -0.92 0.00	36.99 -0.91 0.00	37.11 -0.95 0.00	41.62 -0.94 0.00	53.28 -1.20 0.00	61.05 -1.76 0.00	55.79 -1.55 0.00	54.32 -1.45 0.00	52.21 -1.39 0.00	48.69 -1.51 0.00	47.57 -1.47 0.00	47.33 -1.31 0.00	46.85 -1.15 0.00	46.99 -1.20 0.00	47.29 -1.16 0.00	51.75 -1.00 0.00	55.22 -1.07 0.00	60.41 -1.04 0.00	57.07 -0.81 0.00	52.16 -0.69 0.00	50.27 -0.77 0.00	47.91 -0.83 0.00
BROWNSV1_27_KV_LOAD 356125	43.65 2.55 0.00	42.33 2.43 0.00	40.39 2.14 0.00	39.95 2.05 0.00	40.08 2.02 0.00	44.86 2.30 0.00	57.36 2.89 0.00	66.95 4.15 0.00	61.07 3.73 0.00	59.45 3.68 0.00	57.04 3.43 0.00	53.61 3.41 0.00	52.43 3.38 0.00	51.90 3.26 0.00	51.27 3.26 0.00	51.47 3.28 0.00	51.89 3.44 0.00	56.29 3.53 0.00	60.18 3.88 0.00	65.82 4.36 0.00	62.04 4.17 0.00	56.18 3.33 0.00	54.21 3.16 0.00	51.61 2.88 0.00
BURROWS___LYONSDAL 23803	41.10 0.00 0.00	39.90 0.00 0.00	38.33 0.08 0.00	37.98 0.08 0.00	38.14 0.08 0.00	42.81 0.26 0.00	55.08 0.60 0.00	63.75 0.94 0.00	57.86 0.52 0.00	56.10 0.33 0.00	53.93 0.32 0.00	50.35 0.15 0.00	49.24 0.20 0.00	49.03 0.39 0.00	48.58 0.58 0.00	48.77 0.58 0.00	49.03 0.58 0.00	53.49 0.74 0.00	57.31 1.01 0.00	62.81 1.35 0.00	59.27 1.39 0.00	53.80 0.95 0.00	51.91 0.87 0.00	49.37 0.63 0.00
CAITHNESS_CC_1 323624	43.82 2.71 -0.01	42.46 2.56 -0.01	40.27 2.03 0.00	39.83 1.93 0.00	39.78 1.71 0.00	44.85 2.30 0.00	55.51 1.03 0.00	64.94 2.14 0.00	58.49 1.15 0.00	56.71 0.95 0.00	54.25 0.65 0.00	51.00 0.80 0.00	49.97 0.93 0.00	49.47 0.83 0.00	49.06 1.05 0.00	49.11 0.91 0.00	50.19 1.74 0.00	55.60 2.85 0.00	59.57 3.26 -0.01	64.04 2.58 0.00	60.36 2.49 0.00	54.43 1.58 0.00	52.37 1.32 0.00	49.37 0.63 0.00
CALPINE BETH_PAGE_GT4 24209	43.78 2.67 -0.01	42.46 2.55 -0.01	40.35 2.10 0.00	39.91 2.01 0.00	39.93 1.87 0.00	44.98 2.43 0.00	55.84 1.36 0.00	65.32 2.51 0.00	59.18 1.83 0.00	57.50 1.73 0.00	55.22 1.61 0.00	51.96 1.76 0.00	50.76 1.72 0.00	50.25 1.61 0.00	49.83 1.82 0.00	49.98 1.78 0.00	50.73 2.28 0.00	55.60 2.85 0.00	59.46 3.15 -0.01	64.59 3.13 0.00	60.77 2.89 0.00	54.91 2.06 0.00	53.49 2.45 0.00	50.68 1.95 0.00
CALPINE_BETH_PAGE_GT_4 323586	43.78 2.67 -0.01	42.43 2.52 -0.01	40.35 2.10 0.00	39.91 2.01 0.00	39.93 1.86 0.00	44.94 2.38 0.00	55.84 1.36 0.00	65.38 2.58 0.00	59.18 1.83 0.00	57.44 1.67 0.00	55.11 1.50 0.00	51.80 1.61 0.00	50.75 1.72 0.00	50.24 1.60 0.00	49.78 1.78 0.00	49.88 1.69 0.00	50.73 2.28 0.00	55.49 2.74 0.00	59.40 3.09 -0.01	64.41 2.95 0.00	60.71 2.84 0.00	54.86 2.01 0.00	52.98 1.94 0.00	50.25 1.51 0.00
CALPINE_BP_GT1 23823	43.78 2.67 -0.01	42.43 2.52 -0.01	40.35 2.10 0.00	39.91 2.01 0.00	39.93 1.86 0.00	44.94 2.38 0.00	55.84 1.36 0.00	65.38 2.58 0.00	59.18 1.83 0.00	57.44 1.67 0.00	55.11 1.50 0.00	51.80 1.61 0.00	50.75 1.72 0.00	50.24 1.60 0.00	49.78 1.78 0.00	49.88 1.69 0.00	50.73 2.28 0.00	55.49 2.74 0.00	59.40 3.09 -0.01	64.41 2.95 0.00	60.71 2.84 0.00	54.86 2.01 0.00	52.98 1.94 0.00	50.25 1.51 0.00
CALSPAN___DRP 24200	40.12 -0.99 0.00	38.74 -1.16 0.00	37.37 -0.88 0.00	37.29 -0.61 0.00	37.64 -0.42 0.00	41.96 -0.60 0.00	53.71 -0.76 0.00	62.68 -0.13 0.00	55.97 -1.38 0.00	53.87 -1.90 0.00	52.11 -1.50 0.00	49.29 -0.90 0.00	47.96 -1.08 0.00	47.62 -1.02 0.00	46.80 -1.20 0.00	46.99 -1.20 0.00	46.80 -1.65 0.00	50.43 -2.32 0.00	54.66 -1.63 0.00	59.92 -1.54 0.00	56.37 -1.50 0.00	50.79 -2.06 0.00	49.61 -1.43 0.00	47.22 -1.51 0.00

CALVERTON___SOLAR 323806	43.86 2.75 -0.01	42.50 2.59 -0.01	40.31 2.06 0.00	39.87 1.97 0.00	39.82 1.75 0.00	44.90 2.34 0.00	55.57 1.09 0.00	65.00 2.20 0.00	58.43 1.09 0.00	56.71 0.95 0.00	54.20 0.59 0.00	50.90 0.70 0.00	49.87 0.83 0.00	49.42 0.78 0.00	49.01 1.01 0.00	49.07 0.87 0.00	50.19 1.74 0.00	55.70 2.95 0.00	59.74 3.43 -0.01	64.16 2.70 0.00	60.42 2.54 0.00	54.49 1.64 0.00	52.42 1.38 0.00	49.37 0.63 0.00
CANDIGU_WT_PWR 323617	40.11 -0.99 0.00	39.02 -0.88 0.00	37.48 -0.76 0.00	37.29 -0.61 0.00	37.65 -0.42 0.00	42.17 -0.38 0.00	53.98 -0.49 0.00	63.00 0.19 0.00	56.60 -0.75 0.00	54.71 -1.06 0.00	52.65 -0.96 0.00	49.54 -0.65 0.00	48.31 -0.73 0.00	47.86 -0.78 0.00	47.09 -0.91 0.00	47.57 -0.63 0.00	47.63 -0.82 0.00	51.85 -0.90 0.00	56.01 -0.28 0.00	61.39 -0.06 0.00	57.70 -0.17 0.00	51.95 -0.90 0.00	50.53 -0.51 0.00	48.15 -0.58 0.00
CARR STREET_E_SYR 24060	40.82 -0.29 0.00	39.66 -0.24 0.00	38.02 -0.23 0.00	37.71 -0.19 0.00	37.91 -0.15 0.00	42.43 -0.13 0.00	54.31 -0.16 0.00	63.06 0.25 0.00	57.28 -0.06 0.00	55.60 -0.17 0.00	53.55 -0.05 0.00	50.20 0.00 0.00	48.99 -0.05 0.00	48.64 0.00 0.00	47.96 -0.05 0.00	48.15 -0.05 0.00	48.26 -0.19 0.00	52.44 -0.31 0.00	56.18 -0.11 0.00	61.39 -0.06 0.00	57.82 -0.06 0.00	52.54 -0.32 0.00	50.79 -0.25 0.00	48.49 -0.24 0.00
CARTHAGE___PAPER 23857	40.57 -0.54 0.00	39.34 -0.56 0.00	37.83 -0.42 0.00	37.48 -0.42 0.00	37.68 -0.38 0.00	42.35 -0.21 0.00	54.53 0.05 0.00	62.93 0.13 0.00	56.94 -0.40 0.00	55.04 -0.73 0.00	52.86 -0.75 0.00	49.24 -0.96 0.00	48.11 -0.93 0.00	47.91 -0.73 0.00	47.52 -0.48 0.00	47.71 -0.48 0.00	48.01 -0.44 0.00	52.65 -0.11 0.00	56.58 0.28 0.00	62.20 0.74 0.00	58.75 0.87 0.00	53.32 0.47 0.00	51.35 0.31 0.00	48.78 0.05 0.00
CASSADAGA_WT_PWR 323784	41.27 0.17 0.00	39.90 0.00 0.00	38.29 0.04 0.00	38.36 0.46 0.00	38.86 0.80 0.00	43.41 0.85 0.00	55.73 1.25 0.00	65.38 2.58 0.00	58.26 0.91 0.00	55.82 0.06 0.00	53.88 0.27 0.00	51.10 0.90 0.00	49.58 0.54 0.00	49.18 0.54 0.00	48.29 0.29 0.00	48.54 0.34 0.00	48.26 -0.19 0.00	52.38 -0.37 0.00	56.74 0.45 0.00	62.07 0.61 0.00	58.40 0.52 0.00	52.11 -0.74 0.00	51.14 0.10 0.00	48.40 -0.34 0.00
CE_DUNWOOD___DRP 24194	43.16 2.06 0.00	41.85 1.96 0.00	39.97 1.72 0.00	39.53 1.63 0.00	39.70 1.64 0.00	44.39 1.83 0.00	56.66 2.18 0.00	66.01 3.20 0.00	60.15 2.81 0.00	58.50 2.73 0.00	56.13 2.52 0.00	52.71 2.51 0.00	51.49 2.45 0.00	51.02 2.38 0.00	50.40 2.40 0.00	50.61 2.41 0.00	51.02 2.57 0.00	55.44 2.69 0.00	59.33 3.04 0.00	64.84 3.38 0.00	61.06 3.18 0.00	55.33 2.48 0.00	53.44 2.40 0.00	50.93 2.19 0.00
CE_MILLWOOD___DRP 24193	42.99 1.89 0.00	41.69 1.80 0.00	39.82 1.57 0.00	39.42 1.52 0.00	39.59 1.52 0.00	44.26 1.70 0.00	56.44 1.96 0.00	65.76 2.95 0.00	59.92 2.58 0.00	58.22 2.45 0.00	55.86 2.25 0.00	52.46 2.26 0.00	51.30 2.26 0.00	50.78 2.14 0.00	50.16 2.16 0.00	50.37 2.17 0.00	50.78 2.33 0.00	55.18 2.43 0.00	59.05 2.76 0.00	64.59 3.13 0.00	60.77 2.89 0.00	55.12 2.27 0.00	53.24 2.19 0.00	50.73 2.00 0.00
CE_NYC2_DRP 24202	43.61 2.51 0.00	42.29 2.39 0.00	40.31 2.07 0.00	39.87 1.97 0.00	40.04 1.98 0.00	44.81 2.26 0.00	57.20 2.72 0.00	66.83 4.02 0.00	60.96 3.61 -0.01	60.26 3.51 -0.98	56.89 3.27 -0.01	56.37 3.26 -2.91	56.32 3.24 -4.04	58.29 3.11 -6.53	55.86 3.12 -4.73	55.90 3.13 -4.57	56.32 3.29 -4.57	56.19 3.43 -0.01	60.07 3.77 -0.01	65.57 4.12 0.00	61.88 3.99 -0.01	56.08 3.22 -0.01	54.11 3.06 -0.01	51.57 2.83 -0.01
CE_NYC_DRP 24195	43.44 2.34 0.00	42.09 2.19 0.00	40.16 1.91 0.00	39.76 1.86 0.00	39.89 1.83 0.00	44.64 2.09 0.00	57.04 2.56 0.00	66.58 3.77 0.00	60.73 3.38 0.00	59.11 3.35 0.00	56.72 3.11 0.00	53.31 3.11 0.00	52.08 3.04 0.00	51.61 2.97 0.00	50.98 2.98 0.00	51.18 2.99 0.00	51.55 3.10 0.00	55.97 3.22 0.00	59.84 3.55 0.00	65.39 3.93 0.00	61.64 3.76 0.00	55.86 3.01 0.00	53.90 2.86 0.00	51.32 2.58 0.00
CHAFFEE___LFGE 323603	40.24 -0.87 0.00	38.90 -1.00 0.00	37.41 -0.84 0.00	37.37 -0.53 0.00	37.80 -0.26 0.00	42.22 -0.34 0.00	53.93 -0.54 0.00	63.31 0.50 0.00	56.31 -1.03 0.00	53.98 -1.79 0.00	51.89 -1.72 0.00	49.19 -1.00 0.00	47.82 -1.22 0.00	47.38 -1.26 0.00	46.56 -1.44 0.00	46.85 -1.35 0.00	46.71 -1.74 0.00	50.75 -2.00 0.00	55.22 -1.07 0.00	60.54 -0.92 0.00	56.84 -1.04 0.00	50.68 -2.17 0.00	49.61 -1.43 0.00	47.08 -1.66 0.00
CHATEAUG_35_KV_LOAD 355732	41.23 0.12 0.00	40.06 0.16 0.00	38.52 0.27 0.00	38.20 0.30 0.00	38.29 0.23 0.00	42.86 0.30 0.00	54.69 0.22 0.00	62.18 -0.63 0.00	57.51 0.17 0.00	56.38 0.61 0.00	54.14 0.54 0.00	50.55 0.35 0.00	49.48 0.44 0.00	49.08 0.44 0.00	48.29 0.29 0.00	48.44 0.24 0.00	48.74 0.29 0.00	53.28 0.53 0.00	56.29 0.00 0.00	61.52 0.06 0.00	57.99 0.12 0.00	53.38 0.53 0.00	51.55 0.51 0.00	49.27 0.54 0.00
CHATEAUG_WT_PWR 323614	41.27 0.17 0.00	40.06 0.16 0.00	38.55 0.30 0.00	38.20 0.30 0.00	38.33 0.27 0.00	42.90 0.34 0.00	54.69 0.22 0.00	62.24 -0.57 0.00	57.57 0.23 0.00	56.38 0.61 0.00	54.14 0.54 0.00	50.55 0.35 0.00	49.48 0.44 0.00	49.08 0.44 0.00	48.29 0.29 0.00	48.44 0.24 0.00	48.74 0.29 0.00	53.28 0.53 0.00	56.29 0.00 0.00	61.46 0.00 0.00	57.93 0.06 0.00	53.32 0.47 0.00	51.50 0.46 0.00	49.17 0.44 0.00
CHAT_HIGH_FALL_HYD 323578	41.23 0.12 0.00	40.06 0.16 0.00	38.52 0.27 0.00	38.20 0.30 0.00	38.29 0.23 0.00	42.86 0.30 0.00	54.69 0.22 0.00	62.18 -0.63 0.00	57.51 0.17 0.00	56.38 0.61 0.00	54.14 0.54 0.00	50.55 0.35 0.00	49.48 0.44 0.00	49.08 0.44 0.00	48.29 0.29 0.00	48.44 0.24 0.00	48.74 0.29 0.00	53.28 0.53 0.00	56.29 0.00 0.00	61.52 0.06 0.00	57.99 0.12 0.00	53.38 0.53 0.00	51.55 0.51 0.00	49.27 0.54 0.00
CHAUTAUQUA___LFGE 323629	40.90 -0.20 0.00	39.54 -0.36 0.00	38.02 -0.23 0.00	38.01 0.11 0.00	38.44 0.38 0.00	42.90 0.34 0.00	54.91 0.43 0.00	64.25 1.45 0.00	57.28 -0.06 0.00	54.99 -0.78 0.00	53.07 -0.54 0.00	50.30 0.10 0.00	48.85 -0.20 0.00	48.49 -0.15 0.00	47.62 -0.39 0.00	47.86 -0.34 0.00	47.63 -0.82 0.00	51.70 -1.05 0.00	56.01 -0.28 0.00	61.33 -0.12 0.00	57.65 -0.23 0.00	51.64 -1.21 0.00	50.58 -0.46 0.00	48.01 -0.73 0.00
CHERRYST_13_KV_LD 356241	43.53 2.42 0.00	42.21 2.31 0.00	40.28 2.03 0.00	39.83 1.93 0.00	40.00 1.94 0.00	44.77 2.21 0.00	57.20 2.72 0.00	66.83 4.02 0.00	60.95 3.61 0.00	59.34 3.57 0.00	56.93 3.32 0.00	53.51 3.31 0.00	52.28 3.24 0.00	51.80 3.16 0.00	51.12 3.12 0.00	51.33 3.13 0.00	51.75 3.29 0.00	56.13 3.38 0.00	60.01 3.72 0.00	65.57 4.12 0.00	61.81 3.94 0.00	55.97 3.12 0.00	54.00 2.96 0.00	51.46 2.73 0.00

CHESTROR_138KV_BK263 355645	42.54 1.44 0.00	41.26 1.36 0.00	39.47 1.22 0.00	39.08 1.17 0.00	39.24 1.18 0.00	43.88 1.32 0.00	55.95 1.47 0.00	65.07 2.26 0.00	59.23 1.89 0.00	57.50 1.73 0.00	55.22 1.61 0.00	51.75 1.56 0.00	50.61 1.57 0.00	50.15 1.51 0.00	49.49 1.49 0.00	49.74 1.54 0.00	50.10 1.65 0.00	54.49 1.74 0.00	58.32 2.03 0.00	63.85 2.40 0.00	60.02 2.14 0.00	54.49 1.64 0.00	52.62 1.58 0.00	50.20 1.46 0.00
CH_MIDHUDSON___DRP 24192	42.87 1.77 0.00	41.62 1.72 0.00	39.74 1.49 0.00	39.34 1.44 0.00	39.47 1.41 0.00	44.13 1.57 0.00	56.49 2.02 0.00	65.70 2.89 0.00	59.87 2.52 0.00	58.05 2.29 0.00	55.75 2.14 0.00	52.21 2.01 0.00	51.05 2.01 0.00	50.54 1.90 0.00	49.92 1.92 0.00	50.17 1.98 0.00	50.53 2.08 0.00	54.97 2.22 0.00	58.83 2.53 0.00	64.34 2.89 0.00	60.54 2.66 0.00	54.91 2.06 0.00	53.03 1.99 0.00	50.54 1.80 0.00
CH_MISC_IPPS 23765	42.99 1.89 0.00	41.70 1.80 0.00	39.89 1.64 0.00	39.45 1.55 0.00	39.59 1.52 0.00	44.30 1.75 0.00	56.71 2.23 0.00	65.95 3.14 0.00	60.09 2.75 0.00	58.33 2.57 0.00	55.96 2.36 0.00	52.40 2.21 0.00	51.25 2.21 0.00	50.73 2.09 0.00	50.11 2.11 0.00	50.31 2.12 0.00	50.73 2.28 0.00	55.13 2.38 0.00	59.05 2.76 0.00	64.59 3.13 0.00	60.77 2.89 0.00	55.12 2.27 0.00	53.18 2.14 0.00	50.73 2.00 0.00
CH_RES_BVR_FALLS 23983	40.40 -0.70 0.00	39.26 -0.64 0.00	37.71 -0.54 0.00	37.41 -0.49 0.00	37.57 -0.50 0.00	42.05 -0.51 0.00	53.71 -0.76 0.00	61.55 -1.26 0.00	56.54 -0.80 0.00	55.26 -0.50 0.00	53.13 -0.48 0.00	49.70 -0.50 0.00	48.65 -0.39 0.00	48.25 -0.39 0.00	47.62 -0.39 0.00	47.81 -0.39 0.00	48.06 -0.39 0.00	52.44 -0.31 0.00	55.68 -0.62 0.00	60.72 -0.73 0.00	57.18 -0.69 0.00	52.48 -0.37 0.00	50.69 -0.35 0.00	48.44 -0.29 0.00
CH_RES_NIAGARA 23895	38.88 -2.22 0.00	37.55 -2.35 0.00	36.30 -1.95 0.00	36.12 -1.78 0.00	36.43 -1.64 0.00	40.60 -1.96 0.00	51.81 -2.67 0.00	60.17 -2.64 0.00	53.79 -3.56 0.00	51.97 -3.79 0.00	50.39 -3.22 0.00	47.59 -2.61 0.00	46.30 -2.75 0.00	46.01 -2.63 0.00	45.27 -2.74 0.00	45.50 -2.70 0.00	45.30 -3.15 0.00	48.79 -3.96 0.00	52.69 -3.60 0.00	57.77 -3.69 0.00	54.40 -3.47 0.00	49.15 -3.70 0.00	48.08 -2.96 0.00	45.86 -2.88 0.00
CH_RES_SYRACUSE 23985	41.02 -0.08 0.00	39.90 0.00 0.00	38.25 0.00 0.00	37.94 0.04 0.00	38.14 0.08 0.00	42.69 0.13 0.00	54.64 0.16 0.00	63.50 0.69 0.00	57.63 0.29 0.00	55.99 0.22 0.00	53.88 0.27 0.00	50.50 0.30 0.00	49.29 0.25 0.00	48.93 0.29 0.00	48.25 0.24 0.00	48.44 0.24 0.00	48.55 0.10 0.00	52.75 0.00 0.00	56.52 0.23 0.00	61.70 0.25 0.00	58.17 0.29 0.00	52.85 0.00 0.00	51.09 0.05 0.00	48.78 0.05 0.00
CLINTON_WT_PWR 323605	41.27 0.17 0.00	40.06 0.16 0.00	38.55 0.30 0.00	38.20 0.30 0.00	38.33 0.27 0.00	42.90 0.34 0.00	54.69 0.22 0.00	62.24 -0.57 0.00	57.57 0.23 0.00	56.38 0.61 0.00	54.14 0.54 0.00	50.55 0.35 0.00	49.48 0.44 0.00	49.08 0.44 0.00	48.29 0.29 0.00	48.44 0.24 0.00	48.74 0.29 0.00	53.28 0.53 0.00	56.29 0.00 0.00	61.46 0.00 0.00	57.93 0.06 0.00	53.32 0.47 0.00	51.50 0.46 0.00	49.17 0.44 0.00
CLINTON___LFGE 323618	41.88 0.78 0.00	40.66 0.76 0.00	39.17 0.92 0.00	38.81 0.91 0.00	38.90 0.84 0.00	43.62 1.06 0.00	55.67 1.20 0.00	63.25 0.44 0.00	58.66 1.32 0.00	57.50 1.73 0.00	55.16 1.56 0.00	51.40 1.20 0.00	50.37 1.32 0.00	49.90 1.26 0.00	49.11 1.10 0.00	49.26 1.06 0.00	49.57 1.12 0.00	54.28 1.53 0.00	57.36 1.07 0.00	62.38 0.92 0.00	58.86 0.98 0.00	54.12 1.27 0.00	52.26 1.22 0.00	49.86 1.12 0.00
COBBLENY_34_KV_TB1 80064	40.12 -0.99 0.00	38.74 -1.16 0.00	37.41 -0.84 0.00	37.37 -0.53 0.00	37.80 -0.27 0.00	42.17 -0.38 0.00	53.93 -0.54 0.00	63.37 0.57 0.00	56.31 -1.03 0.00	53.98 -1.78 0.00	51.89 -1.72 0.00	49.04 -1.15 0.00	47.82 -1.23 0.00	47.33 -1.31 0.00	46.52 -1.49 0.00	46.85 -1.35 0.00	46.76 -1.70 0.00	50.43 -2.32 0.00	55.05 -1.24 0.00	60.53 -0.92 0.00	56.78 -1.10 0.00	50.79 -2.06 0.00	49.61 -1.43 0.00	47.08 -1.66 0.00
COFFEEN___115KV_TB3 355620	41.02 -0.08 0.00	39.78 -0.12 0.00	38.29 0.04 0.00	37.94 0.04 0.00	38.14 0.08 0.00	42.90 0.34 0.00	55.29 0.82 0.00	64.00 1.19 0.00	57.69 0.34 0.00	55.66 -0.11 0.00	53.45 -0.16 0.00	49.75 -0.45 0.00	48.55 -0.49 0.00	48.40 -0.24 0.00	47.86 -0.14 0.00	48.10 -0.10 0.00	48.40 -0.05 0.00	52.96 0.21 0.00	57.14 0.84 0.00	62.99 1.54 0.00	59.56 1.68 0.00	53.91 1.06 0.00	51.86 0.82 0.00	49.27 0.54 0.00
COLDSPRG_115KV_BK1 355956	41.39 0.29 0.00	39.94 0.04 0.00	38.48 0.23 0.00	38.54 0.64 0.00	38.98 0.91 0.00	43.49 0.94 0.00	55.89 1.42 0.00	65.70 2.89 0.00	58.49 1.15 0.00	55.99 0.22 0.00	53.93 0.32 0.00	51.05 0.85 0.00	49.68 0.64 0.00	49.18 0.54 0.00	48.34 0.34 0.00	48.63 0.43 0.00	48.40 -0.05 0.00	52.17 -0.58 0.00	56.86 0.56 0.00	62.38 0.92 0.00	58.63 0.75 0.00	52.43 -0.42 0.00	51.30 0.26 0.00	48.54 -0.19 0.00
COLONIE_LFGE___ 323577	42.42 1.31 0.00	41.21 1.31 0.00	39.44 1.19 0.00	39.04 1.14 0.00	39.20 1.14 0.00	43.75 1.19 0.00	56.43 1.96 0.00	65.25 2.45 0.00	59.40 2.06 0.00	57.44 1.67 0.00	55.11 1.50 0.00	51.50 1.30 0.00	50.31 1.27 0.00	49.81 1.17 0.00	49.30 1.30 0.00	49.50 1.30 0.00	49.76 1.31 0.00	54.28 1.53 0.00	58.26 1.97 0.00	63.66 2.21 0.00	59.90 2.02 0.00	54.49 1.64 0.00	52.47 1.43 0.00	50.05 1.32 0.00
COOPERNY_115KV_TB1 80082	42.17 1.07 0.00	40.90 1.00 0.00	39.17 0.92 0.00	38.77 0.87 0.00	38.94 0.88 0.00	43.54 0.98 0.00	55.57 1.09 0.00	64.57 1.76 0.00	58.78 1.43 0.00	57.05 1.28 0.00	54.84 1.23 0.00	51.40 1.20 0.00	50.27 1.23 0.00	49.81 1.17 0.00	49.16 1.15 0.00	49.35 1.16 0.00	49.71 1.26 0.00	54.02 1.27 0.00	57.81 1.52 0.00	63.24 1.78 0.00	59.56 1.68 0.00	54.07 1.22 0.00	52.21 1.17 0.00	49.81 1.07 0.00
COPENHAGEN_WT_PWR 323753	40.77 -0.33 0.00	39.54 -0.36 0.00	38.02 -0.23 0.00	37.67 -0.23 0.00	37.87 -0.19 0.00	42.56 0.00 0.00	54.80 0.33 0.00	63.43 0.63 0.00	57.28 -0.06 0.00	55.32 -0.45 0.00	53.18 -0.43 0.00	49.60 -0.60 0.00	48.40 -0.64 0.00	48.20 -0.44 0.00	47.72 -0.29 0.00	47.91 -0.29 0.00	48.16 -0.29 0.00	52.65 -0.11 0.00	56.69 0.40 0.00	62.38 0.92 0.00	58.92 1.04 0.00	53.43 0.58 0.00	51.45 0.41 0.00	48.88 0.15 0.00
CORNELL_____ 23752	41.80 0.70 0.00	40.66 0.76 0.00	39.01 0.76 0.00	38.73 0.83 0.00	38.94 0.88 0.00	43.66 1.11 0.00	55.95 1.47 0.00	65.07 2.26 0.00	58.83 1.49 0.00	56.94 1.17 0.00	54.73 1.13 0.00	51.30 1.10 0.00	50.07 1.03 0.00	49.66 1.02 0.00	48.96 0.96 0.00	49.26 1.06 0.00	49.47 1.02 0.00	53.75 1.00 0.00	57.76 1.46 0.00	63.24 1.78 0.00	59.61 1.74 0.00	54.01 1.16 0.00	52.21 1.17 0.00	49.76 1.02 0.00

CORONA_69_KV_TB1 355595	43.95 2.84 -0.02	42.63 2.71 -0.02	40.54 2.29 0.00	40.10 2.20 0.00	40.12 2.06 0.00	45.15 2.60 0.00	56.49 2.02 0.00	66.14 3.33 0.00	59.92 2.58 0.00	58.28 2.51 0.00	55.91 2.31 0.00	52.66 2.46 0.00	51.44 2.40 0.00	50.93 2.29 0.00	50.50 2.50 0.00	50.65 2.46 0.00	51.31 2.86 0.00	56.07 3.32 0.00	60.02 3.72 -0.02	65.27 3.81 0.00	61.41 3.53 0.00	55.49 2.64 0.00	53.85 2.81 0.00	51.07 2.34 0.00
CORTLAND_115KV_TB3 80093	41.51 0.41 0.00	40.34 0.44 0.00	38.71 0.46 0.00	38.39 0.49 0.00	38.60 0.53 0.00	43.24 0.68 0.00	55.40 0.93 0.00	64.38 1.57 0.00	58.32 0.97 0.00	56.49 0.72 0.00	54.31 0.70 0.00	50.90 0.70 0.00	49.68 0.64 0.00	49.32 0.68 0.00	48.63 0.62 0.00	48.87 0.67 0.00	49.03 0.58 0.00	53.28 0.53 0.00	57.25 0.96 0.00	62.62 1.17 0.00	58.98 1.10 0.00	53.54 0.69 0.00	51.70 0.66 0.00	49.32 0.58 0.00
COXSACKIE___GT 23611	42.91 1.81 0.00	41.78 1.88 0.00	40.05 1.80 0.00	39.53 1.63 0.00	39.66 1.60 0.00	44.30 1.75 0.00	57.36 2.89 0.00	66.13 3.33 0.00	59.98 2.64 0.00	57.60 1.84 0.00	55.00 1.39 0.00	51.25 1.06 0.00	50.07 1.03 0.00	49.52 0.88 0.00	49.01 1.01 0.00	49.35 1.15 0.00	49.96 1.50 0.00	54.65 1.90 0.00	58.66 2.36 0.00	64.34 2.89 0.00	60.48 2.61 0.00	54.97 2.12 0.00	53.03 1.99 0.00	50.69 1.95 0.00
CPV_VALLEY___CC1 323721	42.29 1.19 0.00	40.98 1.08 0.00	39.21 0.96 0.00	38.81 0.91 0.00	38.98 0.91 0.00	43.58 1.02 0.00	55.57 1.09 0.00	64.63 1.82 0.00	58.83 1.49 0.00	57.16 1.39 0.00	54.84 1.23 0.00	51.45 1.26 0.00	50.31 1.27 0.00	49.81 1.17 0.00	49.20 1.20 0.00	49.45 1.25 0.00	49.81 1.35 0.00	54.07 1.32 0.00	57.98 1.69 0.00	63.36 1.91 0.00	59.61 1.73 0.00	54.12 1.27 0.00	52.26 1.22 0.00	49.86 1.12 0.00
CPV_VALLEY___CC2 323722	42.29 1.19 0.00	40.98 1.08 0.00	39.21 0.96 0.00	38.81 0.91 0.00	38.98 0.91 0.00	43.58 1.02 0.00	55.57 1.09 0.00	64.63 1.82 0.00	58.83 1.49 0.00	57.16 1.39 0.00	54.84 1.23 0.00	51.45 1.26 0.00	50.31 1.27 0.00	49.81 1.17 0.00	49.20 1.20 0.00	49.45 1.25 0.00	49.81 1.35 0.00	54.07 1.32 0.00	57.98 1.69 0.00	63.36 1.91 0.00	59.61 1.73 0.00	54.12 1.27 0.00	52.26 1.22 0.00	49.86 1.12 0.00
CRESCENT___HYD 24018	42.42 1.31 0.00	41.21 1.31 0.00	39.44 1.19 0.00	39.04 1.14 0.00	39.20 1.14 0.00	43.75 1.19 0.00	56.43 1.96 0.00	65.25 2.45 0.00	59.40 2.06 0.00	57.44 1.67 0.00	55.11 1.50 0.00	51.50 1.30 0.00	50.31 1.27 0.00	49.81 1.17 0.00	49.30 1.30 0.00	49.50 1.30 0.00	49.76 1.31 0.00	54.28 1.53 0.00	58.26 1.97 0.00	63.66 2.21 0.00	59.90 2.02 0.00	54.49 1.64 0.00	52.47 1.43 0.00	50.05 1.32 0.00
CRICKET___VALLEY_CC1 323756	42.50 1.40 0.00	41.21 1.31 0.00	39.40 1.15 0.00	39.00 1.10 0.00	39.17 1.10 0.00	43.71 1.15 0.00	56.06 1.58 0.00	65.06 2.26 0.00	59.29 1.95 0.00	57.39 1.62 0.00	55.06 1.45 0.00	51.55 1.36 0.00	50.41 1.37 0.00	49.90 1.26 0.00	49.30 1.30 0.00	49.60 1.40 0.00	49.96 1.50 0.00	54.39 1.64 0.00	58.38 2.08 0.00	63.79 2.33 0.00	60.08 2.20 0.00	54.54 1.69 0.00	52.52 1.48 0.00	50.00 1.27 0.00
CRICKET___VALLEY_CC2 323757	42.50 1.40 0.00	41.21 1.31 0.00	39.40 1.15 0.00	39.00 1.10 0.00	39.17 1.10 0.00	43.71 1.15 0.00	56.06 1.58 0.00	65.06 2.26 0.00	59.29 1.95 0.00	57.39 1.62 0.00	55.06 1.45 0.00	51.55 1.36 0.00	50.41 1.37 0.00	49.90 1.26 0.00	49.30 1.30 0.00	49.60 1.40 0.00	49.96 1.50 0.00	54.39 1.64 0.00	58.38 2.08 0.00	63.79 2.33 0.00	60.08 2.20 0.00	54.54 1.69 0.00	52.52 1.48 0.00	50.00 1.27 0.00
CRICKET___VALLEY_CC3 323758	42.50 1.40 0.00	41.21 1.31 0.00	39.40 1.15 0.00	39.00 1.10 0.00	39.17 1.10 0.00	43.71 1.15 0.00	56.06 1.58 0.00	65.06 2.26 0.00	59.29 1.95 0.00	57.39 1.62 0.00	55.06 1.45 0.00	51.55 1.36 0.00	50.41 1.37 0.00	49.90 1.26 0.00	49.30 1.30 0.00	49.60 1.40 0.00	49.96 1.50 0.00	54.39 1.64 0.00	58.38 2.08 0.00	63.79 2.33 0.00	60.08 2.20 0.00	54.54 1.69 0.00	52.52 1.48 0.00	50.00 1.27 0.00
CRUCIBLE_METL_DRP 24180	41.02 -0.08 0.00	39.90 0.00 0.00	38.25 0.00 0.00	37.94 0.04 0.00	38.14 0.08 0.00	42.69 0.13 0.00	54.64 0.16 0.00	63.50 0.69 0.00	57.63 0.29 0.00	55.99 0.22 0.00	53.88 0.27 0.00	50.50 0.30 0.00	49.29 0.25 0.00	48.93 0.29 0.00	48.24 0.24 0.00	48.44 0.24 0.00	48.55 0.10 0.00	52.70 -0.05 0.00	56.52 0.23 0.00	61.76 0.31 0.00	58.17 0.29 0.00	52.85 0.00 0.00	51.09 0.05 0.00	48.78 0.05 0.00
DAHOWA___HYDRO 323763	42.99 1.89 0.00	41.81 1.92 0.00	40.05 1.80 0.00	39.64 1.74 0.00	39.85 1.79 0.00	44.47 1.92 0.00	57.52 3.05 0.00	66.39 3.58 0.00	60.38 3.04 0.00	58.28 2.51 0.00	55.96 2.36 0.00	52.15 1.96 0.00	50.86 1.82 0.00	50.34 1.70 0.00	49.93 1.92 0.00	50.13 1.93 0.00	50.44 1.99 0.00	55.07 2.32 0.00	59.16 2.87 0.00	64.77 3.32 0.00	60.88 3.01 0.00	55.33 2.48 0.00	53.28 2.24 0.00	50.88 2.14 0.00
DANC___LFGE 323619	40.53 -0.58 0.00	39.34 -0.56 0.00	37.79 -0.46 0.00	37.45 -0.45 0.00	37.65 -0.42 0.00	42.22 -0.34 0.00	54.31 -0.16 0.00	62.87 0.06 0.00	56.94 -0.40 0.00	55.04 -0.73 0.00	52.97 -0.64 0.00	49.45 -0.75 0.00	48.26 -0.79 0.00	48.01 -0.63 0.00	47.43 -0.57 0.00	47.67 -0.53 0.00	47.87 -0.58 0.00	52.28 -0.48 0.00	56.18 -0.11 0.00	61.64 0.18 0.00	58.17 0.29 0.00	52.74 -0.11 0.00	50.89 -0.15 0.00	48.44 -0.29 0.00
DANSKAMMER___1 23586	42.99 1.89 0.00	41.70 1.80 0.00	39.89 1.64 0.00	39.45 1.55 0.00	39.59 1.52 0.00	44.30 1.75 0.00	56.71 2.23 0.00	65.95 3.14 0.00	60.09 2.75 0.00	58.33 2.57 0.00	55.96 2.36 0.00	52.40 2.21 0.00	51.25 2.21 0.00	50.73 2.09 0.00	50.11 2.11 0.00	50.31 2.12 0.00	50.73 2.28 0.00	55.13 2.38 0.00	59.05 2.76 0.00	64.59 3.13 0.00	60.77 2.89 0.00	55.12 2.27 0.00	53.18 2.14 0.00	50.73 2.00 0.00
DANSKAMMER___2 23589	42.99 1.89 0.00	41.70 1.80 0.00	39.89 1.64 0.00	39.45 1.55 0.00	39.59 1.52 0.00	44.30 1.75 0.00	56.71 2.23 0.00	65.95 3.14 0.00	60.09 2.75 0.00	58.33 2.57 0.00	55.96 2.36 0.00	52.40 2.21 0.00	51.25 2.21 0.00	50.73 2.09 0.00	50.11 2.11 0.00	50.31 2.12 0.00	50.73 2.28 0.00	55.13 2.38 0.00	59.05 2.76 0.00	64.59 3.13 0.00	60.77 2.89 0.00	55.12 2.27 0.00	53.18 2.14 0.00	50.73 2.00 0.00
DANSKAMMER___3 23590	42.99 1.89 0.00	41.70 1.80 0.00	39.89 1.64 0.00	39.45 1.55 0.00	39.59 1.52 0.00	44.30 1.75 0.00	56.71 2.23 0.00	65.95 3.14 0.00	60.09 2.75 0.00	58.33 2.57 0.00	55.96 2.36 0.00	52.40 2.21 0.00	51.25 2.21 0.00	50.73 2.09 0.00	50.11 2.11 0.00	50.31 2.12 0.00	50.73 2.28 0.00	55.13 2.38 0.00	59.05 2.76 0.00	64.59 3.13 0.00	60.77 2.89 0.00	55.12 2.27 0.00	53.18 2.14 0.00	50.73 2.00 0.00

DANSKAMMER___4 23591	42.99 1.89 0.00	41.70 1.80 0.00	39.89 1.64 0.00	39.45 1.55 0.00	39.59 1.52 0.00	44.30 1.75 0.00	56.71 2.23 0.00	65.95 3.14 0.00	60.09 2.75 0.00	58.33 2.57 0.00	55.96 2.36 0.00	52.40 2.21 0.00	51.25 2.21 0.00	50.73 2.09 0.00	50.11 2.11 0.00	50.31 2.12 0.00	50.73 2.28 0.00	55.13 2.38 0.00	59.05 2.76 0.00	64.59 3.13 0.00	60.77 2.89 0.00	55.12 2.27 0.00	53.18 2.14 0.00	50.73 2.00 0.00
DANSKAMMER___DIESEL 23592	43.03 1.93 0.00	41.73 1.84 0.00	39.89 1.64 0.00	39.45 1.55 0.00	39.62 1.56 0.00	44.30 1.74 0.00	56.71 2.23 0.00	65.95 3.14 0.00	60.09 2.75 0.00	58.33 2.57 0.00	55.97 2.36 0.00	52.41 2.21 0.00	51.25 2.21 0.00	50.73 2.09 0.00	50.12 2.11 0.00	50.32 2.12 0.00	50.73 2.28 0.00	55.18 2.43 0.00	59.00 2.70 0.00	64.59 3.13 0.00	60.77 2.89 0.00	55.12 2.27 0.00	53.24 2.19 0.00	50.73 2.00 0.00
DARBY___SOLAR 323810	42.91 1.81 0.00	41.74 1.84 0.00	39.97 1.72 0.00	39.61 1.71 0.00	39.78 1.71 0.00	44.39 1.83 0.00	57.36 2.89 0.00	66.20 3.39 0.00	60.26 2.92 0.00	58.16 2.40 0.00	55.86 2.25 0.00	52.11 1.91 0.00	50.80 1.76 0.00	50.29 1.65 0.00	49.87 1.87 0.00	50.03 1.83 0.00	50.39 1.94 0.00	55.02 2.27 0.00	59.05 2.76 0.00	64.65 3.19 0.00	60.71 2.84 0.00	55.23 2.38 0.00	53.18 2.14 0.00	50.78 2.05 0.00
DASHVILLE___HYD 23610	42.66 1.56 0.00	41.38 1.48 0.00	39.55 1.30 0.00	39.11 1.21 0.00	39.28 1.22 0.00	43.88 1.32 0.00	56.11 1.63 0.00	65.26 2.45 0.00	59.35 2.01 0.00	57.55 1.78 0.00	55.22 1.61 0.00	51.75 1.56 0.00	50.61 1.57 0.00	50.10 1.46 0.00	49.44 1.44 0.00	49.69 1.49 0.00	50.10 1.65 0.00	54.54 1.79 0.00	58.32 2.03 0.00	63.79 2.34 0.00	60.08 2.20 0.00	54.54 1.69 0.00	52.72 1.68 0.00	50.29 1.56 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	44.60 3.49 -0.01	43.30 3.39 -0.01	41.00 2.75 0.00	40.52 2.62 0.00	40.35 2.28 0.00	45.58 3.02 0.00	56.38 1.91 0.00	65.95 3.14 0.00	59.12 1.78 0.00	57.50 1.73 0.00	54.73 1.13 0.00	51.40 1.20 0.00	50.17 1.13 0.00	49.66 1.02 0.00	49.35 1.34 0.00	49.40 1.20 0.00	50.44 1.99 0.00	56.60 3.85 0.00	60.41 4.11 -0.01	64.84 3.38 0.00	60.89 3.01 0.00	54.91 2.06 0.00	53.29 2.25 0.00	50.25 1.51 0.00
DELAWARE___LFGE 323621	42.25 1.15 0.00	41.02 1.12 0.00	39.32 1.07 0.00	38.96 1.06 0.00	39.17 1.10 0.00	43.83 1.28 0.00	56.11 1.63 0.00	65.13 2.32 0.00	59.46 2.12 0.00	57.72 1.95 0.00	55.54 1.93 0.00	52.01 1.81 0.00	50.86 1.81 0.00	50.44 1.80 0.00	49.73 1.73 0.00	49.88 1.69 0.00	49.91 1.45 0.00	54.23 1.48 0.00	58.09 1.80 0.00	63.61 2.15 0.00	59.84 1.97 0.00	54.38 1.53 0.00	52.52 1.48 0.00	50.05 1.32 0.00
DERFIELD_115KV_TB7 355931	41.23 0.12 0.00	40.02 0.12 0.00	38.33 0.08 0.00	37.98 0.08 0.00	38.18 0.11 0.00	42.69 0.13 0.00	54.69 0.22 0.00	63.25 0.44 0.00	57.63 0.29 0.00	55.99 0.22 0.00	53.82 0.21 0.00	50.40 0.20 0.00	49.24 0.20 0.00	48.83 0.19 0.00	48.24 0.24 0.00	48.39 0.19 0.00	48.69 0.24 0.00	52.96 0.21 0.00	56.63 0.34 0.00	61.89 0.43 0.00	58.22 0.35 0.00	53.06 0.21 0.00	51.24 0.20 0.00	48.88 0.15 0.00
DOGLEVILLE___HYD 23807	39.25 -1.85 0.00	38.06 -1.83 0.00	36.53 -1.72 0.00	36.27 -1.63 0.00	36.43 -1.64 0.00	40.85 -1.70 0.00	52.52 -1.96 0.00	60.67 -2.14 0.00	55.22 -2.12 0.00	53.70 -2.06 0.00	51.73 -1.88 0.00	48.44 -1.76 0.00	47.37 -1.67 0.00	47.13 -1.51 0.00	46.52 -1.49 0.00	46.61 -1.59 0.00	46.90 -1.55 0.00	50.85 -1.90 0.00	54.27 -2.02 0.00	59.12 -2.34 0.00	55.68 -2.20 0.00	50.63 -2.22 0.00	48.80 -2.24 0.00	46.59 -2.14 0.00
DUNKIRK___115KV_TB_200 55889	40.77 -0.33 0.00	39.34 -0.56 0.00	37.98 -0.27 0.00	37.94 0.04 0.00	38.37 0.30 0.00	42.77 0.21 0.00	54.80 0.33 0.00	64.06 1.26 0.00	57.11 -0.23 0.00	54.87 -0.89 0.00	52.97 -0.64 0.00	50.05 -0.15 0.00	48.75 -0.29 0.00	48.30 -0.34 0.00	47.48 -0.53 0.00	47.76 -0.43 0.00	47.58 -0.87 0.00	51.27 -1.48 0.00	55.73 -0.56 0.00	61.21 -0.25 0.00	57.53 -0.35 0.00	51.63 -1.22 0.00	50.48 -0.56 0.00	47.96 -0.78 0.00
DUNKIRK___1 23563	40.77 -0.33 0.00	39.34 -0.56 0.00	37.98 -0.27 0.00	37.94 0.04 0.00	38.37 0.30 0.00	42.77 0.21 0.00	54.80 0.33 0.00	64.06 1.26 0.00	57.11 -0.23 0.00	54.87 -0.89 0.00	52.97 -0.64 0.00	50.05 -0.15 0.00	48.75 -0.29 0.00	48.30 -0.34 0.00	47.48 -0.53 0.00	47.76 -0.43 0.00	47.58 -0.87 0.00	51.27 -1.48 0.00	55.73 -0.56 0.00	61.21 -0.25 0.00	57.53 -0.35 0.00	51.63 -1.22 0.00	50.48 -0.56 0.00	47.96 -0.78 0.00
DUNKIRK___2 23564	40.77 -0.33 0.00	39.34 -0.56 0.00	37.98 -0.27 0.00	37.94 0.04 0.00	38.37 0.30 0.00	42.77 0.21 0.00	54.80 0.33 0.00	64.06 1.26 0.00	57.11 -0.23 0.00	54.87 -0.89 0.00	52.97 -0.64 0.00	50.05 -0.15 0.00	48.75 -0.29 0.00	48.30 -0.34 0.00	47.48 -0.53 0.00	47.76 -0.43 0.00	47.58 -0.87 0.00	51.27 -1.48 0.00	55.73 -0.56 0.00	61.21 -0.25 0.00	57.53 -0.35 0.00	51.63 -1.22 0.00	50.48 -0.56 0.00	47.96 -0.78 0.00
DUNKIRK___3 23565	40.49 -0.62 0.00	39.10 -0.80 0.00	37.71 -0.54 0.00	37.67 -0.23 0.00	38.06 0.00 0.00	42.47 -0.09 0.00	54.31 -0.16 0.00	63.50 0.69 0.00	56.60 -0.75 0.00	54.43 -1.34 0.00	52.54 -1.07 0.00	49.70 -0.50 0.00	48.36 -0.69 0.00	47.96 -0.68 0.00	47.14 -0.86 0.00	47.38 -0.82 0.00	47.24 -1.21 0.00	50.96 -1.79 0.00	55.28 -1.01 0.00	60.72 -0.74 0.00	57.07 -0.81 0.00	51.26 -1.59 0.00	50.07 -0.97 0.00	47.61 -1.12 0.00
DUNKIRK___4 23566	40.49 -0.62 0.00	39.10 -0.80 0.00	37.71 -0.54 0.00	37.67 -0.23 0.00	38.06 0.00 0.00	42.47 -0.09 0.00	54.31 -0.16 0.00	63.50 0.69 0.00	56.60 -0.75 0.00	54.43 -1.34 0.00	52.54 -1.07 0.00	49.70 -0.50 0.00	48.36 -0.69 0.00	47.96 -0.68 0.00	47.14 -0.86 0.00	47.38 -0.82 0.00	47.24 -1.21 0.00	50.96 -1.79 0.00	55.28 -1.01 0.00	60.72 -0.74 0.00	57.07 -0.81 0.00	51.26 -1.59 0.00	50.07 -0.97 0.00	47.61 -1.12 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	43.28 2.18 0.00	41.97 2.07 0.00	40.05 1.80 0.00	39.64 1.74 0.00	39.78 1.71 0.00	44.47 1.92 0.00	56.76 2.29 0.00	66.20 3.39 0.00	60.32 2.98 0.00	58.67 2.90 0.00	56.29 2.68 0.00	52.86 2.66 0.00	51.69 2.65 0.00	51.17 2.53 0.00	50.55 2.54 0.00	50.75 2.55 0.00	51.16 2.71 0.00	55.60 2.85 0.00	59.50 3.21 0.00	65.02 3.56 0.00	61.23 3.36 0.00	55.49 2.64 0.00	53.59 2.55 0.00	51.07 2.34 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	42.75 1.64 0.00	41.46 1.56 0.00	39.66 1.42 0.00	39.23 1.33 0.00	39.40 1.33 0.00	44.05 1.49 0.00	56.27 1.80 0.00	65.51 2.70 0.00	59.58 2.24 0.00	57.89 2.12 0.00	55.54 1.93 0.00	52.06 1.86 0.00	50.91 1.86 0.00	50.39 1.75 0.00	49.78 1.78 0.00	49.98 1.78 0.00	50.39 1.94 0.00	54.81 2.06 0.00	58.66 2.36 0.00	64.16 2.70 0.00	60.37 2.49 0.00	54.75 1.90 0.00	52.88 1.84 0.00	50.44 1.71 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	43.53 2.42 0.00	42.17 2.27 0.00	40.16 1.91 0.00	39.72 1.82 0.00	39.89 1.83 0.00	44.60 2.04 0.00	56.93 2.45 0.00	66.51 3.71 0.00	60.73 3.38 -0.01	59.07 3.29 -0.01	56.67 3.06 -0.01	53.27 3.06 -0.01	52.03 2.99 0.00	51.57 2.92 -0.01	50.94 2.93 -0.01	51.14 2.94 -0.01	51.51 3.05 -0.01	55.92 3.17 -0.01	59.96 3.66 -0.01	65.51 4.06 0.00	61.82 3.94 -0.01	55.92 3.07 -0.01	54.11 3.06 -0.01	51.47 2.73 -0.01
E179THST_13_KV_LOAD 356214	43.69 2.59 0.00	42.33 2.43 0.00	40.31 2.07 0.00	39.87 1.97 0.00	40.00 1.94 0.00	44.77 2.21 0.00	57.20 2.72 0.00	66.83 4.02 0.00	61.02 3.67 -0.01	59.29 3.51 -0.01	56.94 3.32 -0.01	53.47 3.26 -0.01	52.28 3.24 0.00	51.81 3.16 -0.01	51.18 3.17 -0.01	51.39 3.18 -0.01	51.75 3.29 -0.01	56.19 3.43 -0.01	60.24 3.94 -0.01	65.82 4.36 0.00	62.11 4.23 -0.01	56.19 3.33 -0.01	54.32 3.27 -0.01	51.67 2.92 -0.01
EAST HAMPTON___GT 23717	44.89 3.78 -0.01	43.58 3.67 -0.01	41.31 3.06 0.00	40.78 2.88 0.00	40.54 2.47 0.00	45.66 3.11 0.00	56.55 2.07 0.00	66.07 3.26 0.00	59.23 1.89 0.00	57.39 1.62 0.00	54.30 0.70 0.00	50.95 0.75 0.00	49.87 0.83 0.00	49.27 0.63 0.00	48.87 0.86 0.00	48.82 0.62 0.00	50.05 1.60 0.00	55.92 3.16 0.00	59.79 3.49 -0.01	64.04 2.58 0.00	60.25 2.37 0.00	54.17 1.32 0.00	52.11 1.07 0.00	49.32 0.59 0.00
EAST RIVER___6 23660	43.48 2.38 0.00	42.09 2.19 0.00	40.24 1.99 0.00	39.79 1.89 0.00	39.93 1.86 0.00	44.68 2.13 0.00	57.14 2.67 0.00	66.70 3.90 0.00	60.84 3.50 0.00	59.23 3.46 0.00	56.82 3.22 0.00	53.36 3.16 0.00	52.19 3.14 0.00	51.71 3.07 0.00	51.08 3.07 0.00	51.28 3.09 0.00	51.65 3.20 0.00	56.02 3.27 0.00	59.95 3.66 0.00	65.51 4.06 0.00	61.76 3.88 0.00	55.97 3.12 0.00	53.95 2.91 0.00	51.32 2.58 0.00
EAST RIVER___7 23524	43.48 2.38 0.00	42.09 2.19 0.00	40.24 1.99 0.00	39.79 1.89 0.00	39.93 1.86 0.00	44.68 2.13 0.00	57.14 2.67 0.00	66.70 3.90 0.00	60.84 3.50 0.00	59.23 3.46 0.00	56.82 3.22 0.00	53.36 3.16 0.00	52.19 3.14 0.00	51.71 3.07 0.00	51.08 3.07 0.00	51.28 3.09 0.00	51.65 3.20 0.00	56.02 3.27 0.00	59.95 3.66 0.00	65.51 4.06 0.00	61.76 3.88 0.00	55.97 3.12 0.00	53.95 2.91 0.00	51.32 2.58 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	43.16 2.06 0.00	41.85 1.96 0.00	39.97 1.72 0.00	39.53 1.63 0.00	39.70 1.64 0.00	44.39 1.83 0.00	56.66 2.18 0.00	66.01 3.20 0.00	60.15 2.81 0.00	58.50 2.73 0.00	56.13 2.52 0.00	52.71 2.51 0.00	51.49 2.45 0.00	51.02 2.38 0.00	50.40 2.40 0.00	50.61 2.41 0.00	51.02 2.57 0.00	55.44 2.69 0.00	59.33 3.04 0.00	64.84 3.38 0.00	61.06 3.18 0.00	55.33 2.48 0.00	53.44 2.40 0.00	50.93 2.19 0.00
EAST_HAMPTON___DIESEL 23722	44.89 3.78 -0.01	43.58 3.67 -0.01	41.27 3.02 0.00	40.74 2.84 0.00	40.54 2.47 0.00	45.66 3.11 0.00	56.49 2.02 0.00	65.95 3.14 0.00	59.12 1.78 0.00	57.27 1.51 0.00	54.20 0.59 0.00	50.85 0.65 0.00	49.77 0.74 0.00	49.18 0.54 0.00	48.72 0.72 0.00	48.68 0.48 0.00	49.90 1.45 0.00	55.81 3.06 0.00	59.62 3.32 -0.01	63.92 2.46 0.00	60.08 2.20 0.00	54.07 1.22 0.00	51.96 0.92 0.00	49.22 0.49 0.00
EAST_POINT___SOLAR 323840	44.43 3.33 0.00	43.25 3.35 0.00	41.42 3.17 0.00	41.08 3.18 0.00	41.34 3.27 0.00	46.30 3.75 0.00	59.92 5.45 0.00	69.03 6.22 0.00	61.87 4.53 0.00	59.28 3.52 0.00	56.39 2.79 0.00	52.06 1.86 0.00	51.88 2.84 0.00	51.36 2.72 0.00	51.08 3.07 0.00	50.94 2.75 0.00	51.31 2.86 0.00	56.39 3.64 0.00	61.13 4.84 0.00	67.42 5.96 0.00	63.38 5.50 0.00	57.61 4.76 0.00	55.33 4.29 0.00	52.73 4.00 0.00
EAST_PULASKI___ESR 323781	40.40 -0.70 0.00	39.26 -0.64 0.00	37.68 -0.57 0.00	37.33 -0.57 0.00	37.53 -0.53 0.00	42.05 -0.51 0.00	53.98 -0.49 0.00	62.56 -0.25 0.00	56.71 -0.63 0.00	54.99 -0.78 0.00	52.86 -0.75 0.00	49.45 -0.75 0.00	48.26 -0.79 0.00	47.96 -0.68 0.00	47.33 -0.67 0.00	47.57 -0.63 0.00	47.77 -0.68 0.00	52.01 -0.74 0.00	55.79 -0.51 0.00	61.09 -0.37 0.00	57.59 -0.29 0.00	52.32 -0.53 0.00	50.53 -0.51 0.00	48.20 -0.54 0.00
EAST_RIVER___1 323558	43.44 2.34 0.00	42.05 2.15 0.00	40.16 1.91 0.00	39.76 1.86 0.00	39.89 1.83 0.00	44.64 2.08 0.00	57.04 2.56 0.00	66.58 3.77 0.00	60.72 3.38 0.00	59.11 3.35 0.00	56.72 3.11 0.00	53.26 3.06 0.00	52.09 3.04 0.00	51.61 2.97 0.00	50.98 2.98 0.00	51.19 2.99 0.00	51.60 3.15 0.00	55.92 3.16 0.00	59.90 3.61 0.00	65.39 3.94 0.00	61.64 3.76 0.00	55.91 3.06 0.00	53.85 2.81 0.00	51.27 2.53 0.00
EAST_RIVER___2 323559	43.48 2.38 0.00	42.09 2.19 0.00	40.24 1.99 0.00	39.79 1.89 0.00	39.93 1.86 0.00	44.68 2.13 0.00	57.14 2.67 0.00	66.70 3.90 0.00	60.84 3.50 0.00	59.23 3.46 0.00	56.82 3.22 0.00	53.36 3.16 0.00	52.19 3.14 0.00	51.71 3.07 0.00	51.08 3.07 0.00	51.28 3.09 0.00	51.65 3.20 0.00	56.02 3.27 0.00	59.95 3.66 0.00	65.51 4.06 0.00	61.76 3.88 0.00	55.97 3.12 0.00	53.95 2.91 0.00	51.32 2.58 0.00
EAST___DELAWARE_HYD 23607	43.20 2.10 0.00	41.97 2.07 0.00	40.20 1.95 0.00	39.72 1.82 0.00	39.85 1.79 0.00	44.60 2.04 0.00	57.14 2.67 0.00	66.45 3.64 0.00	60.49 3.15 0.00	58.72 2.95 0.00	56.29 2.68 0.00	52.66 2.46 0.00	51.30 2.26 0.00	50.64 2.00 0.00	49.93 1.92 0.00	50.22 2.02 0.00	50.63 2.18 0.00	55.02 2.27 0.00	58.99 2.70 0.00	64.59 3.13 0.00	60.77 2.89 0.00	55.12 2.27 0.00	53.23 2.19 0.00	50.73 2.00 0.00
EIGHT_POINT___WT_PWR 323820	40.32 -0.78 0.00	39.30 -0.60 0.00	37.68 -0.57 0.00	37.56 -0.34 0.00	38.03 -0.04 0.00	42.69 0.13 0.00	54.53 0.05 0.00	63.81 1.00 0.00	57.23 -0.11 0.00	55.26 -0.50 0.00	53.13 -0.48 0.00	50.00 -0.20 0.00	48.70 -0.34 0.00	48.25 -0.39 0.00	47.43 -0.57 0.00	47.96 -0.24 0.00	48.01 -0.44 0.00	52.33 -0.42 0.00	56.58 0.28 0.00	62.01 0.55 0.00	58.34 0.46 0.00	52.43 -0.42 0.00	51.04 0.00 0.00	48.54 -0.19 0.00
ELBRIDGE_115KV_TB2 80188	40.86 -0.25 0.00	39.66 -0.24 0.00	38.06 -0.19 0.00	37.75 -0.15 0.00	37.95 -0.11 0.00	42.47 -0.09 0.00	54.37 -0.11 0.00	63.12 0.31 0.00	57.34 0.00 0.00	55.60 -0.17 0.00	53.55 -0.05 0.00	50.20 0.00 0.00	48.94 -0.10 0.00	48.59 -0.05 0.00	47.91 -0.10 0.00	48.15 -0.05 0.00	48.26 -0.19 0.00	52.43 -0.32 0.00	56.18 -0.11 0.00	61.39 -0.06 0.00	57.88 0.00 0.00	52.59 -0.26 0.00	50.84 -0.20 0.00	48.54 -0.19 0.00
ELEC_TRO_TEK 24086	43.71 2.59 -0.02	42.35 2.43 -0.02	40.28 2.03 0.00	39.87 1.97 0.00	39.89 1.83 0.00	44.90 2.34 0.00	56.11 1.63 0.00	65.70 2.89 0.00	59.52 2.18 0.00	57.89 2.12 0.00	55.54 1.93 0.00	52.26 2.06 0.00	51.05 2.01 0.00	50.59 1.95 0.00	50.12 2.11 0.00	50.27 2.07 0.00	50.92 2.47 0.00	55.71 2.95 0.00	59.57 3.26 -0.02	64.77 3.32 0.00	60.94 3.07 0.00	55.12 2.27 0.00	53.49 2.45 0.00	50.73 2.00 0.00

ELLENBURG_WT_PWR 323604	41.27 0.17 0.00	40.06 0.16 0.00	38.55 0.30 0.00	38.20 0.30 0.00	38.33 0.27 0.00	42.90 0.34 0.00	54.69 0.22 0.00	62.24 -0.57 0.00	57.57 0.23 0.00	56.38 0.61 0.00	54.14 0.54 0.00	50.55 0.35 0.00	49.48 0.44 0.00	49.08 0.44 0.00	48.29 0.29 0.00	48.44 0.24 0.00	48.74 0.29 0.00	53.28 0.53 0.00	56.29 0.00 0.00	61.46 0.00 0.00	57.93 0.06 0.00	53.32 0.47 0.00	51.50 0.46 0.00	49.17 0.44 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	39.91 -1.19 0.00	38.50 -1.40 0.00	37.18 -1.07 0.00	37.07 -0.83 0.00	37.42 -0.65 0.00	41.71 -0.85 0.00	53.33 -1.14 0.00	62.24 -0.57 0.00	55.56 -1.78 0.00	53.54 -2.23 0.00	51.84 -1.77 0.00	48.99 -1.20 0.00	47.67 -1.37 0.00	47.33 -1.31 0.00	46.56 -1.44 0.00	46.75 -1.45 0.00	46.56 -1.89 0.00	50.17 -2.58 0.00	54.32 -1.97 0.00	59.55 -1.91 0.00	56.02 -1.85 0.00	50.52 -2.33 0.00	49.36 -1.68 0.00	46.98 -1.75 0.00
EMPIRE_CC_1 323656	42.38 1.28 0.00	41.14 1.24 0.00	39.36 1.11 0.00	38.96 1.06 0.00	39.13 1.06 0.00	43.62 1.06 0.00	56.11 1.63 0.00	64.88 2.07 0.00	59.06 1.72 0.00	57.10 1.34 0.00	54.84 1.23 0.00	51.30 1.10 0.00	50.12 1.08 0.00	49.61 0.97 0.00	49.06 1.05 0.00	49.31 1.11 0.00	49.66 1.21 0.00	54.12 1.37 0.00	58.04 1.75 0.00	63.42 1.97 0.00	59.73 1.85 0.00	54.33 1.48 0.00	52.32 1.28 0.00	49.86 1.12 0.00
EMPIRE_CC_2 323658	42.38 1.28 0.00	41.14 1.24 0.00	39.36 1.11 0.00	38.96 1.06 0.00	39.13 1.06 0.00	43.62 1.06 0.00	56.11 1.63 0.00	64.88 2.07 0.00	59.06 1.72 0.00	57.10 1.34 0.00	54.84 1.23 0.00	51.30 1.10 0.00	50.12 1.08 0.00	49.61 0.97 0.00	49.06 1.05 0.00	49.31 1.11 0.00	49.66 1.21 0.00	54.12 1.37 0.00	58.04 1.75 0.00	63.42 1.97 0.00	59.73 1.85 0.00	54.33 1.48 0.00	52.32 1.28 0.00	49.86 1.12 0.00
ENORWICH_115KV_TB1 80156	43.53 2.42 0.00	42.29 2.39 0.00	40.70 2.45 0.00	40.44 2.54 0.00	40.77 2.70 0.00	45.88 3.32 0.00	59.16 4.68 0.00	69.15 6.34 0.00	62.33 4.99 0.00	60.17 4.41 0.00	57.90 4.29 0.00	54.11 3.92 0.00	52.82 3.78 0.00	52.53 3.89 0.00	51.70 3.70 0.00	51.96 3.76 0.00	52.23 3.78 0.00	56.65 3.90 0.00	61.19 4.90 0.00	67.23 5.78 0.00	63.32 5.44 0.00	57.13 4.28 0.00	55.12 4.08 0.00	52.39 3.66 0.00
ERIE_ST__34_KV_TB1-2 80199	40.20 -0.90 0.00	38.74 -1.16 0.00	37.41 -0.84 0.00	37.33 -0.57 0.00	37.68 -0.38 0.00	42.05 -0.51 0.00	53.88 -0.60 0.00	63.06 0.25 0.00	56.25 -1.09 0.00	54.09 -1.67 0.00	52.21 -1.39 0.00	49.40 -0.80 0.00	48.11 -0.93 0.00	47.72 -0.92 0.00	46.90 -1.10 0.00	47.18 -1.01 0.00	47.00 -1.45 0.00	50.64 -2.11 0.00	54.94 -1.35 0.00	60.29 -1.17 0.00	56.66 -1.22 0.00	50.95 -1.90 0.00	49.76 -1.28 0.00	47.27 -1.46 0.00
ERIE_WT_PWR 323693	40.24 -0.87 0.00	38.90 -1.00 0.00	37.41 -0.84 0.00	37.33 -0.57 0.00	37.68 -0.38 0.00	42.05 -0.51 0.00	53.77 -0.71 0.00	62.74 -0.06 0.00	56.03 -1.32 0.00	53.93 -1.84 0.00	52.16 -1.44 0.00	49.45 -0.75 0.00	48.01 -1.03 0.00	47.67 -0.97 0.00	46.85 -1.15 0.00	47.04 -1.16 0.00	46.85 -1.60 0.00	50.80 -1.95 0.00	54.83 -1.46 0.00	59.98 -1.48 0.00	56.43 -1.44 0.00	50.68 -2.17 0.00	49.71 -1.33 0.00	47.17 -1.56 0.00
ESPRGFLD_115KV_TB1 80157	43.49 2.38 0.00	42.25 2.35 0.00	40.51 2.26 0.00	40.17 2.27 0.00	40.39 2.32 0.00	45.32 2.77 0.00	58.34 3.87 0.00	67.58 4.77 0.00	61.36 4.01 0.00	59.34 3.57 0.00	56.93 3.32 0.00	53.16 2.96 0.00	52.08 3.04 0.00	51.70 3.06 0.00	51.03 3.02 0.00	51.14 2.94 0.00	51.16 2.71 0.00	55.76 3.01 0.00	60.01 3.72 0.00	65.88 4.42 0.00	61.99 4.11 0.00	56.29 3.44 0.00	54.21 3.16 0.00	51.61 2.88 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	41.76 0.66 0.00	40.62 0.72 0.00	38.98 0.73 0.00	38.66 0.76 0.00	38.90 0.84 0.00	43.58 1.02 0.00	55.84 1.36 0.00	65.01 2.20 0.00	58.78 1.43 0.00	56.83 1.06 0.00	54.68 1.07 0.00	51.20 1.00 0.00	49.97 0.93 0.00	49.56 0.92 0.00	48.87 0.86 0.00	49.16 0.96 0.00	49.37 0.92 0.00	53.65 0.90 0.00	57.70 1.41 0.00	63.18 1.72 0.00	59.50 1.62 0.00	53.96 1.11 0.00	52.11 1.07 0.00	49.71 0.97 0.00
ETNA____115KV_TB2 80207	41.76 0.66 0.00	40.62 0.72 0.00	38.98 0.73 0.00	38.66 0.76 0.00	38.90 0.84 0.00	43.58 1.02 0.00	55.84 1.36 0.00	65.01 2.20 0.00	58.78 1.43 0.00	56.83 1.06 0.00	54.68 1.07 0.00	51.20 1.00 0.00	49.97 0.93 0.00	49.56 0.92 0.00	48.87 0.86 0.00	49.16 0.96 0.00	49.37 0.92 0.00	53.65 0.90 0.00	57.70 1.41 0.00	63.18 1.72 0.00	59.50 1.62 0.00	53.96 1.11 0.00	52.11 1.07 0.00	49.71 0.97 0.00
EUCLID__115KV_TB2 356179	40.61 -0.49 0.00	39.46 -0.44 0.00	37.83 -0.42 0.00	37.52 -0.38 0.00	37.72 -0.34 0.00	42.17 -0.38 0.00	54.04 -0.44 0.00	62.68 -0.13 0.00	57.00 -0.34 0.00	55.32 -0.45 0.00	53.23 -0.38 0.00	49.90 -0.30 0.00	48.70 -0.34 0.00	48.35 -0.29 0.00	47.67 -0.34 0.00	47.86 -0.34 0.00	48.02 -0.44 0.00	52.17 -0.58 0.00	55.90 -0.39 0.00	61.09 -0.37 0.00	57.53 -0.35 0.00	52.32 -0.53 0.00	50.53 -0.51 0.00	48.30 -0.44 0.00
E_CANADA_CAP_HY 24051	44.02 2.92 0.00	42.85 2.95 0.00	41.04 2.79 0.00	40.70 2.80 0.00	40.92 2.86 0.00	45.84 3.28 0.00	59.21 4.74 0.00	68.39 5.59 0.00	61.82 4.48 0.00	59.45 3.68 0.00	56.93 3.32 0.00	52.96 2.76 0.00	52.03 2.99 0.00	51.56 2.92 0.00	51.08 3.07 0.00	51.14 2.94 0.00	51.31 2.86 0.00	56.18 3.43 0.00	60.63 4.33 0.00	66.62 5.16 0.00	62.62 4.75 0.00	56.98 4.13 0.00	54.76 3.72 0.00	52.20 3.46 0.00
E_CANADA_MHWK_HY 24050	39.25 -1.85 0.00	38.06 -1.83 0.00	36.53 -1.72 0.00	36.27 -1.63 0.00	36.43 -1.64 0.00	40.85 -1.70 0.00	52.52 -1.96 0.00	60.67 -2.14 0.00	55.22 -2.12 0.00	53.70 -2.06 0.00	51.73 -1.88 0.00	48.44 -1.76 0.00	47.37 -1.67 0.00	47.13 -1.51 0.00	46.52 -1.49 0.00	46.61 -1.59 0.00	46.90 -1.55 0.00	50.85 -1.90 0.00	54.27 -2.02 0.00	59.12 -2.34 0.00	55.68 -2.20 0.00	50.63 -2.22 0.00	48.80 -2.24 0.00	46.59 -2.14 0.00
E_FISHKILL__LBMP 23776	42.79 1.69 0.00	41.50 1.60 0.00	39.66 1.42 0.00	39.23 1.33 0.00	39.40 1.33 0.00	44.05 1.49 0.00	56.27 1.80 0.00	65.44 2.64 0.00	59.64 2.29 0.00	57.89 2.12 0.00	55.59 1.98 0.00	52.16 1.96 0.00	50.95 1.91 0.00	50.49 1.85 0.00	49.83 1.82 0.00	50.08 1.88 0.00	50.44 1.99 0.00	54.86 2.11 0.00	58.77 2.48 0.00	64.22 2.77 0.00	60.48 2.60 0.00	54.86 2.01 0.00	52.93 1.89 0.00	50.44 1.71 0.00
FALCON__SEABRD_CC1 323796	41.72 0.62 0.00	40.50 0.60 0.00	38.97 0.72 0.00	38.62 0.72 0.00	38.75 0.69 0.00	43.36 0.81 0.00	55.35 0.87 0.00	62.93 0.13 0.00	58.26 0.91 0.00	57.10 1.34 0.00	54.79 1.18 0.00	51.10 0.90 0.00	50.07 1.03 0.00	49.66 1.02 0.00	48.87 0.86 0.00	49.02 0.82 0.00	49.27 0.82 0.00	53.91 1.16 0.00	56.97 0.68 0.00	62.20 0.74 0.00	58.63 0.75 0.00	53.96 1.11 0.00	52.11 1.07 0.00	49.76 1.03 0.00

FALCON___SEABRD_CC2 323797	41.72 0.62 0.00	40.50 0.60 0.00	38.97 0.72 0.00	38.62 0.72 0.00	38.75 0.69 0.00	43.36 0.81 0.00	55.35 0.87 0.00	62.93 0.13 0.00	58.26 0.91 0.00	57.10 1.34 0.00	54.79 1.18 0.00	51.10 0.90 0.00	50.07 1.03 0.00	49.66 1.02 0.00	48.87 0.86 0.00	49.02 0.82 0.00	49.27 0.82 0.00	53.91 1.16 0.00	56.97 0.68 0.00	62.20 0.74 0.00	58.63 0.75 0.00	53.96 1.11 0.00	52.11 1.07 0.00	49.76 1.03 0.00
FAR ROCKAWAY___4 23548	44.32 3.21 -0.01	42.99 3.07 -0.01	40.85 2.60 0.00	40.40 2.50 0.00	40.42 2.36 0.00	45.54 2.98 0.00	56.93 2.45 0.00	66.64 3.83 0.00	60.38 3.04 0.00	58.72 2.96 0.00	56.45 2.84 0.00	53.11 2.91 0.00	51.89 2.84 0.00	51.41 2.77 0.00	50.93 2.93 0.00	51.09 2.89 0.00	51.79 3.34 0.00	56.60 3.85 0.00	60.59 4.28 -0.01	65.88 4.42 0.00	61.99 4.11 0.00	55.97 3.12 0.00	54.31 3.27 0.00	51.46 2.73 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	43.40 2.30 0.00	42.09 2.19 0.00	40.16 1.91 0.00	39.72 1.82 0.00	39.89 1.83 0.00	44.60 2.04 0.00	56.98 2.51 0.00	66.58 3.77 0.00	60.73 3.38 0.00	59.06 3.29 0.00	56.66 3.06 0.00	53.26 3.06 0.00	52.08 3.04 0.00	51.56 2.92 0.00	50.93 2.93 0.00	51.14 2.94 0.00	51.55 3.10 0.00	55.92 3.17 0.00	59.78 3.49 0.00	65.39 3.93 0.00	61.64 3.76 0.00	55.81 2.96 0.00	53.85 2.81 0.00	51.32 2.58 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	43.44 2.34 0.00	42.09 2.19 0.00	40.16 1.91 0.00	39.76 1.86 0.00	39.89 1.83 0.00	44.64 2.09 0.00	57.04 2.56 0.00	66.58 3.77 0.00	60.73 3.38 0.00	59.06 3.29 0.00	56.72 3.11 0.00	53.26 3.06 0.00	52.08 3.04 0.00	51.61 2.97 0.00	50.93 2.93 0.00	51.14 2.94 0.00	51.55 3.10 0.00	55.97 3.22 0.00	59.84 3.55 0.00	65.39 3.93 0.00	61.64 3.76 0.00	55.86 3.01 0.00	53.90 2.86 0.00	51.32 2.58 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	43.40 2.30 0.00	42.09 2.19 0.00	40.16 1.91 0.00	39.72 1.82 0.00	39.89 1.83 0.00	44.60 2.04 0.00	56.98 2.51 0.00	66.58 3.77 0.00	60.73 3.38 0.00	59.06 3.29 0.00	56.66 3.06 0.00	53.26 3.06 0.00	52.08 3.04 0.00	51.56 2.92 0.00	50.93 2.93 0.00	51.14 2.94 0.00	51.55 3.10 0.00	55.92 3.17 0.00	59.78 3.49 0.00	65.33 3.87 0.00	61.58 3.70 0.00	55.81 2.96 0.00	53.85 2.81 0.00	51.32 2.58 0.00
FARRAGUT___LBMP 323566	43.40 2.30 0.00	42.05 2.15 0.00	40.12 1.87 0.00	39.72 1.82 0.00	39.85 1.79 0.00	44.60 2.04 0.00	56.98 2.51 0.00	66.51 3.71 0.00	60.67 3.33 0.00	59.00 3.23 0.00	56.61 3.00 0.00	53.21 3.01 0.00	52.03 2.99 0.00	51.51 2.87 0.00	50.88 2.88 0.00	51.09 2.89 0.00	51.50 3.05 0.00	55.86 3.11 0.00	59.73 3.43 0.00	65.27 3.81 0.00	61.58 3.70 0.00	55.76 2.91 0.00	53.80 2.76 0.00	51.27 2.53 0.00
FENNER___WINDPWR 24204	41.76 0.66 0.00	40.58 0.68 0.00	38.94 0.69 0.00	38.58 0.68 0.00	38.78 0.72 0.00	43.49 0.94 0.00	55.78 1.31 0.00	64.69 1.88 0.00	58.78 1.43 0.00	56.94 1.17 0.00	54.79 1.18 0.00	51.25 1.06 0.00	50.07 1.03 0.00	49.76 1.12 0.00	49.06 1.05 0.00	49.26 1.06 0.00	49.47 1.02 0.00	53.81 1.05 0.00	57.70 1.41 0.00	63.12 1.66 0.00	59.50 1.62 0.00	53.96 1.11 0.00	52.11 1.07 0.00	49.66 0.92 0.00
FIBERTEK___ENERGY 23856	41.02 -0.08 0.00	39.90 0.00 0.00	38.25 0.00 0.00	37.94 0.04 0.00	38.14 0.08 0.00	42.69 0.13 0.00	54.64 0.16 0.00	63.50 0.69 0.00	57.63 0.29 0.00	55.99 0.22 0.00	53.88 0.27 0.00	50.50 0.30 0.00	49.29 0.25 0.00	48.93 0.29 0.00	48.24 0.24 0.00	48.44 0.24 0.00	48.55 0.10 0.00	52.70 -0.05 0.00	56.52 0.23 0.00	61.76 0.31 0.00	58.17 0.29 0.00	52.85 0.00 0.00	51.09 0.05 0.00	48.78 0.05 0.00
FITZPATRICK____ 23598	40.11 -0.99 0.00	38.94 -0.96 0.00	37.33 -0.92 0.00	37.03 -0.87 0.00	37.19 -0.87 0.00	41.62 -0.94 0.00	53.28 -1.20 0.00	61.68 -1.13 0.00	56.14 -1.21 0.00	54.49 -1.28 0.00	52.43 -1.18 0.00	49.14 -1.06 0.00	47.96 -1.08 0.00	47.62 -1.02 0.00	46.95 -1.06 0.00	47.14 -1.06 0.00	47.34 -1.11 0.00	51.48 -1.27 0.00	55.05 -1.24 0.00	60.16 -1.29 0.00	56.66 -1.22 0.00	51.58 -1.27 0.00	49.87 -1.17 0.00	47.66 -1.07 0.00
FLOWRFLD_69_KV_BK1 356044	44.19 3.08 -0.01	42.86 2.95 -0.01	40.62 2.37 0.00	40.17 2.27 0.00	40.12 2.06 0.00	45.32 2.77 0.00	56.06 1.58 0.00	65.57 2.76 0.00	59.18 1.83 0.00	57.50 1.73 0.00	55.06 1.45 0.00	51.80 1.61 0.00	50.61 1.57 0.00	50.10 1.46 0.00	49.78 1.78 0.00	49.93 1.74 0.00	50.83 2.37 0.00	56.34 3.59 0.00	60.19 3.88 -0.01	65.02 3.56 0.00	61.18 3.30 0.00	55.18 2.33 0.00	53.59 2.55 0.00	50.59 1.85 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	43.07 1.97 0.00	41.81 1.92 0.00	39.97 1.72 0.00	39.53 1.63 0.00	39.66 1.60 0.00	44.35 1.79 0.00	56.76 2.29 0.00	66.07 3.27 0.00	60.21 2.87 0.00	58.44 2.68 0.00	56.07 2.47 0.00	52.51 2.31 0.00	51.35 2.30 0.00	50.83 2.19 0.00	50.16 2.16 0.00	50.41 2.22 0.00	50.83 2.37 0.00	55.28 2.53 0.00	59.11 2.81 0.00	64.71 3.26 0.00	60.83 2.95 0.00	55.18 2.33 0.00	53.29 2.25 0.00	50.83 2.10 0.00
FORT ORANGE____ 23900	41.97 0.86 0.00	40.78 0.88 0.00	39.01 0.76 0.00	38.62 0.72 0.00	38.78 0.72 0.00	43.20 0.64 0.00	55.57 1.09 0.00	64.19 1.38 0.00	58.38 1.03 0.00	56.49 0.72 0.00	54.20 0.59 0.00	50.65 0.45 0.00	49.48 0.44 0.00	49.03 0.39 0.00	48.48 0.48 0.00	48.73 0.53 0.00	49.13 0.68 0.00	53.59 0.84 0.00	57.42 1.13 0.00	62.81 1.35 0.00	59.09 1.22 0.00	53.75 0.90 0.00	51.81 0.77 0.00	49.42 0.68 0.00
FORT_DRUM_COGEN 23780	40.77 -0.33 0.00	39.54 -0.36 0.00	38.02 -0.23 0.00	37.67 -0.23 0.00	37.87 -0.19 0.00	42.56 0.00 0.00	54.86 0.38 0.00	63.50 0.69 0.00	57.34 0.00 0.00	55.38 -0.39 0.00	53.23 -0.38 0.00	49.60 -0.60 0.00	48.40 -0.64 0.00	48.25 -0.39 0.00	47.76 -0.24 0.00	47.96 -0.24 0.00	48.16 -0.29 0.00	52.70 -0.05 0.00	56.74 0.45 0.00	62.50 1.04 0.00	59.03 1.16 0.00	53.54 0.69 0.00	51.50 0.46 0.00	48.93 0.19 0.00
FOX_HILLS___ESR 323835	51.82 2.79 -7.92	51.85 2.63 -9.32	41.01 2.29 -0.47	40.14 2.24 0.00	40.27 2.21 0.00	51.82 2.51 -6.75	57.48 3.00 -0.01	67.08 4.27 0.00	61.02 3.67 -0.01	60.32 3.57 -0.98	58.92 3.43 -1.88	59.44 3.26 -5.98	60.56 3.24 -8.28	63.06 3.16 -11.26	61.20 3.12 -10.08	61.80 3.18 -10.42	55.93 3.25 -4.23	56.51 3.53 -0.22	60.19 3.88 -0.01	65.82 4.36 0.00	62.05 4.17 -0.01	56.35 3.49 -0.01	57.96 3.22 -3.71	53.23 3.07 -1.42
FPL FAR_ROCK_GT1 24212	44.32 3.21 -0.01	42.94 3.03 -0.01	40.85 2.60 0.00	40.40 2.50 0.00	40.42 2.36 0.00	45.45 2.90 0.00	56.93 2.45 0.00	66.70 3.90 0.00	60.38 3.04 0.00	58.66 2.90 0.00	56.34 2.73 0.00	52.96 2.76 0.00	51.88 2.84 0.00	51.41 2.77 0.00	50.88 2.88 0.00	50.99 2.79 0.00	51.79 3.34 0.00	56.50 3.75 0.00	60.53 4.22 -0.01	65.76 4.30 0.00	61.93 4.05 0.00	55.97 3.12 0.00	53.90 2.86 0.00	51.07 2.34 0.00

FPL FAR_ROCK_GT2 23815	44.32 3.21 -0.01	42.94 3.03 -0.01	40.85 2.60 0.00	40.40 2.50 0.00	40.42 2.36 0.00	45.45 2.90 0.00	56.93 2.45 0.00	66.70 3.90 0.00	60.38 3.04 0.00	58.66 2.90 0.00	56.34 2.73 0.00	52.96 2.76 0.00	51.88 2.84 0.00	51.41 2.77 0.00	50.88 2.88 0.00	50.99 2.79 0.00	51.79 3.34 0.00	56.50 3.75 0.00	60.53 4.22 -0.01	65.76 4.30 0.00	61.93 4.05 0.00	55.97 3.12 0.00	53.90 2.86 0.00	51.07 2.34 0.00
FRANKLIN_FALL_HYD 24054	41.31 0.21 0.00	40.14 0.24 0.00	38.63 0.38 0.00	38.28 0.38 0.00	38.37 0.30 0.00	43.03 0.47 0.00	54.86 0.38 0.00	62.24 -0.57 0.00	57.74 0.40 0.00	56.66 0.89 0.00	54.41 0.80 0.00	50.70 0.50 0.00	49.63 0.59 0.00	49.18 0.54 0.00	48.39 0.38 0.00	48.49 0.29 0.00	48.79 0.34 0.00	53.49 0.74 0.00	56.52 0.23 0.00	61.64 0.18 0.00	58.17 0.29 0.00	53.54 0.69 0.00	51.70 0.66 0.00	49.27 0.54 0.00
FREEPORT_EQUS_GT1 23764	43.95 2.83 -0.01	42.58 2.67 -0.01	40.51 2.26 0.00	40.06 2.16 0.00	40.08 2.02 0.00	45.11 2.55 0.00	56.33 1.85 0.00	65.88 3.08 0.00	59.69 2.35 0.00	57.89 2.12 0.00	55.54 1.93 0.00	52.26 2.06 0.00	51.14 2.11 0.00	50.68 2.04 0.00	50.21 2.21 0.00	50.31 2.12 0.00	51.16 2.71 0.00	55.92 3.16 0.00	59.91 3.61 -0.01	65.02 3.56 0.00	61.23 3.36 0.00	55.33 2.48 0.00	53.28 2.24 0.00	50.54 1.80 0.00
FREEPORT___CT2 23818	43.95 2.83 -0.01	42.58 2.67 -0.01	40.51 2.26 0.00	40.06 2.16 0.00	40.08 2.02 0.00	45.11 2.55 0.00	56.33 1.85 0.00	65.88 3.08 0.00	59.69 2.35 0.00	57.89 2.12 0.00	55.54 1.93 0.00	52.26 2.06 0.00	51.14 2.11 0.00	50.68 2.04 0.00	50.21 2.21 0.00	50.31 2.12 0.00	51.16 2.71 0.00	55.92 3.16 0.00	59.91 3.61 -0.01	65.02 3.56 0.00	61.23 3.36 0.00	55.33 2.48 0.00	53.28 2.24 0.00	50.54 1.80 0.00
FRESHKLS_33_KV_LOAD 356253	51.82 2.79 -7.92	51.85 2.63 -9.32	41.01 2.29 -0.47	40.14 2.24 0.00	40.27 2.21 0.00	51.82 2.51 -6.75	57.43 2.94 -0.01	66.95 4.15 0.00	60.85 3.50 -0.01	59.18 3.40 -0.01	58.75 3.27 -1.88	56.34 3.06 -3.08	56.33 3.04 -4.25	56.34 2.97 -4.73	56.29 2.93 -5.35	57.05 2.99 -5.86	55.79 3.10 -4.23	56.45 3.48 -0.22	60.07 3.77 -0.01	65.70 4.24 0.00	61.99 4.11 -0.01	56.29 3.44 -0.01	57.91 3.16 -3.71	53.18 3.02 -1.42
FULTON COGEN____ 23766	40.44 -0.66 0.00	39.30 -0.60 0.00	37.71 -0.54 0.00	37.37 -0.53 0.00	37.57 -0.49 0.00	42.05 -0.51 0.00	53.88 -0.60 0.00	62.49 -0.31 0.00	56.77 -0.57 0.00	55.10 -0.67 0.00	53.07 -0.54 0.00	49.70 -0.50 0.00	48.50 -0.54 0.00	48.15 -0.49 0.00	47.52 -0.48 0.00	47.71 -0.48 0.00	47.87 -0.58 0.00	51.96 -0.79 0.00	55.67 -0.62 0.00	60.84 -0.61 0.00	57.36 -0.52 0.00	52.16 -0.69 0.00	50.38 -0.66 0.00	48.15 -0.58 0.00
FULTON___LFGE 323630	43.94 2.83 0.00	42.77 2.87 0.00	40.97 2.72 0.00	40.63 2.73 0.00	40.84 2.78 0.00	45.75 3.19 0.00	59.10 4.63 0.00	68.14 5.34 0.00	61.64 4.30 0.00	59.34 3.57 0.00	56.82 3.22 0.00	52.86 2.66 0.00	51.88 2.84 0.00	51.41 2.77 0.00	50.98 2.98 0.00	51.04 2.84 0.00	51.36 2.91 0.00	56.23 3.48 0.00	60.63 4.33 0.00	66.55 5.10 0.00	62.56 4.69 0.00	56.92 4.07 0.00	54.66 3.62 0.00	52.15 3.41 0.00
G.F.CEMENT___DRP 24184	43.32 2.22 0.00	42.17 2.27 0.00	40.39 2.14 0.00	40.02 2.12 0.00	40.19 2.13 0.00	44.90 2.34 0.00	58.13 3.65 0.00	67.08 4.27 0.00	61.01 3.67 0.00	58.83 3.07 0.00	56.61 3.00 0.00	52.71 2.51 0.00	51.40 2.35 0.00	50.83 2.19 0.00	50.45 2.45 0.00	50.56 2.36 0.00	50.92 2.47 0.00	55.60 2.85 0.00	59.67 3.38 0.00	65.39 3.93 0.00	61.41 3.53 0.00	55.81 2.96 0.00	53.75 2.71 0.00	51.37 2.63 0.00
GARDENVILLE___LBMP 24039	40.03 -1.07 0.00	38.66 -1.24 0.00	37.29 -0.96 0.00	37.22 -0.68 0.00	37.57 -0.49 0.00	41.88 -0.68 0.00	53.55 -0.93 0.00	62.56 -0.25 0.00	55.85 -1.49 0.00	53.76 -2.01 0.00	52.00 -1.61 0.00	49.14 -1.05 0.00	47.86 -1.18 0.00	47.47 -1.17 0.00	46.71 -1.30 0.00	46.90 -1.30 0.00	46.71 -1.74 0.00	50.32 -2.43 0.00	54.55 -1.75 0.00	59.86 -1.60 0.00	56.26 -1.62 0.00	50.68 -2.17 0.00	49.51 -1.53 0.00	47.13 -1.61 0.00
GARDNVLA_35_KV_LD 355827	40.24 -0.86 0.00	38.82 -1.08 0.00	37.48 -0.76 0.00	37.41 -0.49 0.00	37.76 -0.30 0.00	42.09 -0.47 0.00	53.88 -0.60 0.00	62.93 0.13 0.00	56.20 -1.15 0.00	54.04 -1.73 0.00	52.32 -1.29 0.00	49.50 -0.70 0.00	48.16 -0.88 0.00	47.76 -0.88 0.00	47.00 -1.01 0.00	47.09 -1.11 0.00	46.90 -1.55 0.00	50.54 -2.22 0.00	54.77 -1.52 0.00	60.04 -1.41 0.00	56.49 -1.39 0.00	50.89 -1.96 0.00	49.76 -1.28 0.00	47.27 -1.46 0.00
GELCKHM___115KV_LOAD 80723	40.77 -0.33 0.00	39.62 -0.28 0.00	37.98 -0.27 0.00	37.67 -0.23 0.00	37.87 -0.19 0.00	42.35 -0.21 0.00	54.26 -0.22 0.00	63.00 0.19 0.00	57.23 -0.11 0.00	55.54 -0.22 0.00	53.45 -0.16 0.00	50.10 -0.10 0.00	48.89 -0.15 0.00	48.54 -0.10 0.00	47.86 -0.14 0.00	48.05 -0.14 0.00	48.21 -0.24 0.00	52.38 -0.37 0.00	56.07 -0.23 0.00	61.27 -0.18 0.00	57.76 -0.12 0.00	52.48 -0.37 0.00	50.73 -0.31 0.00	48.44 -0.29 0.00
GENERAL___MILLS 23808	40.12 -0.99 0.00	38.74 -1.16 0.00	37.37 -0.88 0.00	37.29 -0.61 0.00	37.64 -0.42 0.00	41.96 -0.60 0.00	53.71 -0.76 0.00	62.68 -0.13 0.00	55.97 -1.38 0.00	53.87 -1.90 0.00	52.11 -1.50 0.00	49.29 -0.90 0.00	47.96 -1.08 0.00	47.62 -1.02 0.00	46.80 -1.20 0.00	46.99 -1.20 0.00	46.80 -1.65 0.00	50.43 -2.32 0.00	54.66 -1.63 0.00	59.92 -1.54 0.00	56.37 -1.50 0.00	50.79 -2.06 0.00	49.61 -1.43 0.00	47.22 -1.51 0.00
GE_PLASTICS___DRP 24183	41.88 0.78 0.00	40.66 0.76 0.00	38.90 0.65 0.00	38.54 0.64 0.00	38.71 0.65 0.00	43.15 0.60 0.00	55.35 0.87 0.00	64.00 1.19 0.00	58.32 0.97 0.00	56.49 0.72 0.00	54.25 0.64 0.00	50.75 0.55 0.00	49.58 0.54 0.00	49.13 0.49 0.00	48.58 0.58 0.00	48.77 0.58 0.00	49.13 0.68 0.00	53.54 0.79 0.00	57.25 0.96 0.00	62.62 1.17 0.00	58.92 1.04 0.00	53.64 0.79 0.00	51.70 0.66 0.00	49.32 0.58 0.00
GILBOA___1 23756	41.88 0.78 0.00	40.66 0.76 0.00	38.94 0.69 0.00	38.54 0.64 0.00	38.71 0.65 0.00	43.28 0.72 0.00	55.35 0.87 0.00	64.00 1.19 0.00	58.26 0.91 0.00	56.55 0.78 0.00	54.46 0.86 0.00	51.05 0.85 0.00	49.87 0.83 0.00	49.47 0.83 0.00	48.82 0.82 0.00	49.07 0.87 0.00	49.32 0.87 0.00	53.65 0.90 0.00	57.36 1.07 0.00	62.68 1.23 0.00	59.03 1.16 0.00	53.80 0.95 0.00	51.91 0.87 0.00	49.51 0.78 0.00
GILBOA___2 23757	41.88 0.78 0.00	40.66 0.76 0.00	38.94 0.69 0.00	38.54 0.64 0.00	38.71 0.65 0.00	43.28 0.72 0.00	55.35 0.87 0.00	64.00 1.19 0.00	58.26 0.91 0.00	56.55 0.78 0.00	54.46 0.86 0.00	51.05 0.85 0.00	49.87 0.83 0.00	49.47 0.83 0.00	48.82 0.82 0.00	49.07 0.87 0.00	49.32 0.87 0.00	53.65 0.90 0.00	57.36 1.07 0.00	62.68 1.23 0.00	59.03 1.16 0.00	53.80 0.95 0.00	51.91 0.87 0.00	49.51 0.78 0.00

GILBOA___3 23758	41.88 0.78 0.00	40.66 0.76 0.00	38.94 0.69 0.00	38.54 0.64 0.00	38.71 0.65 0.00	43.28 0.72 0.00	55.35 0.87 0.00	64.00 1.19 0.00	58.26 0.91 0.00	56.55 0.78 0.00	54.46 0.86 0.00	51.05 0.85 0.00	49.87 0.83 0.00	49.47 0.83 0.00	48.82 0.82 0.00	49.07 0.87 0.00	49.32 0.87 0.00	53.65 0.90 0.00	57.36 1.07 0.00	62.68 1.23 0.00	59.03 1.16 0.00	53.80 0.95 0.00	51.91 0.87 0.00	49.51 0.78 0.00
GILBOA___4 23759	41.88 0.78 0.00	40.66 0.76 0.00	38.94 0.69 0.00	38.54 0.64 0.00	38.71 0.65 0.00	43.28 0.72 0.00	55.35 0.87 0.00	64.00 1.19 0.00	58.26 0.91 0.00	56.55 0.78 0.00	54.46 0.86 0.00	51.05 0.85 0.00	49.87 0.83 0.00	49.47 0.83 0.00	48.82 0.82 0.00	49.07 0.87 0.00	49.32 0.87 0.00	53.65 0.90 0.00	57.36 1.07 0.00	62.68 1.23 0.00	59.03 1.16 0.00	53.80 0.95 0.00	51.91 0.87 0.00	49.51 0.78 0.00
GILBOA___ 23599	41.88 0.78 0.00	40.66 0.76 0.00	38.94 0.69 0.00	38.54 0.64 0.00	38.71 0.65 0.00	43.28 0.72 0.00	55.35 0.87 0.00	64.00 1.19 0.00	58.26 0.92 0.00	56.49 0.72 0.00	54.47 0.86 0.00	51.05 0.85 0.00	49.88 0.83 0.00	49.47 0.83 0.00	48.82 0.82 0.00	49.06 0.87 0.00	49.32 0.87 0.00	53.65 0.90 0.00	57.36 1.07 0.00	62.68 1.23 0.00	59.03 1.16 0.00	53.75 0.90 0.00	51.91 0.87 0.00	49.51 0.78 0.00
GINNA___ 23603	38.84 -2.26 0.00	37.63 -2.27 0.00	36.15 -2.10 0.00	35.89 -2.01 0.00	36.12 -1.94 0.00	40.39 -2.17 0.00	51.70 -2.78 0.00	60.23 -2.58 0.00	54.53 -2.81 0.00	52.86 -2.90 0.00	51.04 -2.57 0.00	48.04 -2.16 0.00	46.64 -2.40 0.00	46.55 -2.09 0.00	45.89 -2.11 0.00	46.03 -2.17 0.00	45.93 -2.52 0.00	49.90 -2.85 0.00	53.48 -2.81 0.00	58.38 -3.07 0.00	54.98 -2.89 0.00	49.84 -3.01 0.00	48.33 -2.71 0.00	46.05 -2.68 0.00
GLEN PARK___ 23778	40.94 -0.16 0.00	39.70 -0.20 0.00	38.17 -0.08 0.00	37.82 -0.08 0.00	38.03 -0.04 0.00	42.77 0.21 0.00	55.13 0.66 0.00	63.81 1.00 0.00	57.57 0.23 0.00	55.49 -0.28 0.00	53.34 -0.27 0.00	49.65 -0.55 0.00	48.50 -0.54 0.00	48.30 -0.34 0.00	47.76 -0.24 0.00	48.00 -0.19 0.00	48.31 -0.14 0.00	52.86 0.11 0.00	57.02 0.73 0.00	62.81 1.35 0.00	59.38 1.50 0.00	53.75 0.90 0.00	51.75 0.71 0.00	49.17 0.44 0.00
GLENDALE_27_KV_LOAD 356172	43.77 2.67 0.00	42.41 2.51 0.00	40.43 2.18 0.00	40.02 2.12 0.00	40.16 2.09 0.00	44.94 2.38 0.00	57.42 2.94 0.00	67.08 4.27 0.00	61.19 3.84 -0.01	60.54 3.79 -0.98	57.15 3.54 -0.01	56.62 3.51 -2.91	56.51 3.43 -4.04	58.53 3.36 -6.53	56.05 3.31 -4.73	56.14 3.37 -4.57	56.51 3.49 -4.57	56.40 3.64 -0.01	60.35 4.05 -0.01	65.88 4.42 0.00	62.17 4.28 -0.01	56.29 3.44 -0.01	54.32 3.27 -0.01	51.76 3.02 -0.01
GLENWOOD_IC_1_G1 23712	43.75 2.63 -0.02	42.43 2.51 -0.02	40.39 2.14 0.00	39.95 2.05 0.00	40.04 1.98 0.00	44.94 2.38 0.00	56.71 2.23 0.00	66.07 3.27 0.00	60.21 2.87 0.00	58.56 2.79 0.00	56.24 2.63 0.00	52.86 2.66 0.00	51.69 2.65 0.00	51.22 2.58 0.00	50.69 2.69 0.00	50.85 2.65 0.00	51.41 2.96 0.00	56.02 3.27 0.00	59.74 3.43 -0.02	65.08 3.63 0.00	61.23 3.36 0.00	55.60 2.75 0.00	53.85 2.81 0.00	51.12 2.39 0.00
GLENWOOD_IC_2_G1 23688	43.44 2.34 0.00	42.09 2.19 0.00	40.20 1.95 0.00	39.76 1.86 0.00	39.85 1.79 0.00	44.68 2.13 0.00	56.60 2.12 0.00	66.07 3.26 0.00	60.09 2.75 0.00	58.39 2.62 0.00	56.02 2.41 0.00	52.61 2.41 0.00	51.49 2.45 0.00	50.97 2.33 0.00	50.40 2.40 0.00	50.61 2.41 0.00	51.16 2.71 0.00	55.65 2.90 0.00	59.56 3.26 0.00	64.96 3.50 0.00	61.17 3.30 0.00	55.44 2.59 0.00	53.39 2.35 0.00	50.78 2.05 0.00
GLENWOOD_IC_3_G1 23689	43.44 2.34 0.00	42.09 2.19 0.00	40.20 1.95 0.00	39.76 1.86 0.00	39.85 1.79 0.00	44.68 2.13 0.00	56.60 2.12 0.00	66.07 3.26 0.00	60.09 2.75 0.00	58.39 2.62 0.00	56.02 2.41 0.00	52.61 2.41 0.00	51.49 2.45 0.00	50.97 2.33 0.00	50.40 2.40 0.00	50.61 2.41 0.00	51.16 2.71 0.00	55.65 2.90 0.00	59.56 3.26 0.00	64.96 3.50 0.00	61.17 3.30 0.00	55.44 2.59 0.00	53.39 2.35 0.00	50.78 2.05 0.00
GLENWOOD___4 23550	43.75 2.63 -0.02	42.43 2.51 -0.02	40.39 2.14 0.00	39.95 2.05 0.00	40.04 1.98 0.00	44.94 2.38 0.00	56.71 2.23 0.00	66.14 3.33 0.00	60.21 2.87 0.00	58.56 2.79 0.00	56.24 2.63 0.00	52.86 2.66 0.00	51.69 2.65 0.00	51.22 2.58 0.00	50.69 2.69 0.00	50.85 2.65 0.00	51.41 2.96 0.00	56.02 3.27 0.00	59.80 3.49 -0.02	65.14 3.69 0.00	61.35 3.47 0.00	55.60 2.75 0.00	53.85 2.81 0.00	51.12 2.39 0.00
GLENWOOD___5 23614	43.75 2.63 -0.02	42.43 2.51 -0.02	40.39 2.14 0.00	39.95 2.05 0.00	40.04 1.98 0.00	44.94 2.38 0.00	56.71 2.23 0.00	66.14 3.33 0.00	60.21 2.87 0.00	58.56 2.79 0.00	56.24 2.63 0.00	52.86 2.66 0.00	51.69 2.65 0.00	51.22 2.58 0.00	50.69 2.69 0.00	50.85 2.65 0.00	51.41 2.96 0.00	56.02 3.27 0.00	59.80 3.49 -0.02	65.14 3.69 0.00	61.35 3.47 0.00	55.60 2.75 0.00	53.85 2.81 0.00	51.12 2.39 0.00
GLOBAL GREEN_PORT_GT1 23814	44.93 3.82 -0.01	43.58 3.67 -0.01	41.31 3.06 0.00	40.78 2.88 0.00	40.61 2.55 0.00	45.75 3.19 0.00	56.76 2.29 0.00	66.32 3.52 0.00	59.47 2.12 0.00	57.66 1.90 0.00	54.74 1.13 0.00	51.35 1.16 0.00	50.26 1.23 0.00	49.71 1.07 0.00	49.30 1.30 0.00	49.26 1.06 0.00	50.49 2.03 0.00	56.39 3.64 0.00	60.36 4.06 -0.01	64.71 3.25 0.00	60.83 2.95 0.00	54.75 1.90 0.00	52.62 1.58 0.00	49.71 0.97 0.00
GLOBE___DSASP 323697	38.76 -2.34 0.00	37.43 -2.47 0.00	36.18 -2.07 0.00	36.01 -1.90 0.00	36.31 -1.75 0.00	40.47 -2.09 0.00	51.59 -2.89 0.00	59.92 -2.89 0.00	53.56 -3.78 0.00	51.75 -4.02 0.00	50.18 -3.43 0.00	47.39 -2.81 0.00	46.15 -2.89 0.00	45.82 -2.82 0.00	45.12 -2.88 0.00	45.35 -2.84 0.00	45.16 -3.29 0.00	48.64 -4.11 0.00	52.52 -3.77 0.00	57.58 -3.87 0.00	54.17 -3.70 0.00	48.99 -3.86 0.00	47.88 -3.16 0.00	45.71 -3.02 0.00
GOETHSLN___LBMP 323567	43.24 2.14 0.00	41.89 1.99 0.00	40.01 1.76 0.00	39.57 1.67 0.00	39.74 1.67 0.00	44.43 1.87 0.00	56.71 2.23 0.00	66.26 3.45 0.00	60.38 3.04 0.00	58.78 3.01 0.00	56.40 2.79 0.00	53.06 2.86 0.00	51.89 2.84 0.00	51.36 2.72 0.00	50.74 2.74 0.00	50.90 2.70 0.00	51.31 2.86 0.00	55.65 2.90 0.00	59.50 3.21 0.00	65.02 3.56 0.00	61.29 3.41 0.00	55.55 2.70 0.00	53.59 2.55 0.00	51.07 2.34 0.00
GOLAH___69_KV_TB 1_2 80279	40.61 -0.49 0.00	39.30 -0.60 0.00	37.90 -0.34 0.00	37.63 -0.27 0.00	37.91 -0.15 0.00	42.43 -0.13 0.00	54.31 -0.16 0.00	63.12 0.31 0.00	56.83 -0.52 0.00	54.99 -0.78 0.00	53.02 -0.59 0.00	49.85 -0.35 0.00	48.36 -0.69 0.00	48.06 -0.58 0.00	47.28 -0.72 0.00	47.43 -0.77 0.00	47.34 -1.11 0.00	51.33 -1.42 0.00	55.34 -0.96 0.00	60.60 -0.86 0.00	57.01 -0.87 0.00	51.69 -1.16 0.00	50.07 -0.97 0.00	47.81 -0.93 0.00

GOODYEAR_LAKE_HYD 323669	42.75 1.64 0.00	41.50 1.60 0.00	39.78 1.53 0.00	39.42 1.52 0.00	39.66 1.60 0.00	44.43 1.87 0.00	57.04 2.56 0.00	66.20 3.39 0.00	60.32 2.98 0.00	58.56 2.79 0.00	56.34 2.73 0.00	52.71 2.51 0.00	51.54 2.50 0.00	51.17 2.53 0.00	50.40 2.40 0.00	50.56 2.36 0.00	50.58 2.13 0.00	54.91 2.16 0.00	58.94 2.65 0.00	64.53 3.07 0.00	60.77 2.89 0.00	55.18 2.33 0.00	53.18 2.14 0.00	50.68 1.95 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	41.35 0.25 0.00	40.14 0.24 0.00	38.56 0.31 0.00	38.24 0.34 0.00	38.48 0.42 0.00	43.07 0.51 0.00	55.08 0.60 0.00	64.00 1.19 0.00	57.80 0.46 0.00	56.05 0.28 0.00	53.93 0.32 0.00	50.55 0.35 0.00	49.38 0.34 0.00	48.98 0.34 0.00	48.24 0.24 0.00	48.53 0.34 0.00	48.69 0.24 0.00	52.80 0.05 0.00	56.86 0.56 0.00	62.25 0.80 0.00	58.57 0.69 0.00	53.01 0.16 0.00	51.30 0.26 0.00	48.98 0.24 0.00
GOUDEY___7 23579	41.35 0.25 0.00	40.14 0.24 0.00	38.56 0.31 0.00	38.24 0.34 0.00	38.48 0.42 0.00	43.07 0.51 0.00	55.08 0.60 0.00	64.00 1.19 0.00	57.80 0.46 0.00	56.05 0.28 0.00	53.93 0.32 0.00	50.55 0.35 0.00	49.38 0.34 0.00	48.98 0.34 0.00	48.24 0.24 0.00	48.53 0.34 0.00	48.69 0.24 0.00	52.80 0.05 0.00	56.86 0.56 0.00	62.25 0.80 0.00	58.57 0.69 0.00	53.01 0.16 0.00	51.30 0.26 0.00	48.98 0.24 0.00
GOUDEY___8 23580	41.35 0.25 0.00	40.14 0.24 0.00	38.56 0.31 0.00	38.24 0.34 0.00	38.48 0.42 0.00	43.07 0.51 0.00	55.08 0.60 0.00	64.00 1.19 0.00	57.80 0.46 0.00	56.05 0.28 0.00	53.93 0.32 0.00	50.55 0.35 0.00	49.38 0.34 0.00	48.98 0.34 0.00	48.24 0.24 0.00	48.53 0.34 0.00	48.69 0.24 0.00	52.80 0.05 0.00	56.86 0.56 0.00	62.25 0.80 0.00	58.57 0.69 0.00	53.01 0.16 0.00	51.30 0.26 0.00	48.98 0.24 0.00
GOWANUS_GT1_1 24077	51.86 2.84 -7.92	51.89 2.67 -9.32	41.09 2.37 -0.47	40.17 2.27 0.00	40.35 2.28 0.00	51.91 2.60 -6.75	57.64 3.16 -0.01	67.33 4.52 0.00	61.31 3.96 -0.01	60.60 3.85 -0.98	59.13 3.65 -1.88	59.69 3.51 -5.98	60.80 3.48 -8.28	63.30 3.40 -11.26	61.44 3.36 -10.08	62.04 3.42 -10.42	60.79 3.54 -8.80	56.72 3.75 -0.22	60.41 4.11 -0.01	66.00 4.55 0.00	62.28 4.40 -0.01	56.51 3.65 -0.01	58.12 3.37 -3.71	53.37 3.22 -1.42
GOWANUS_GT1_2 24078	51.86 2.84 -7.92	51.89 2.67 -9.32	41.09 2.37 -0.47	40.17 2.27 0.00	40.35 2.28 0.00	51.91 2.60 -6.75	57.64 3.16 -0.01	67.33 4.52 0.00	61.31 3.96 -0.01	60.60 3.85 -0.98	59.13 3.65 -1.88	59.69 3.51 -5.98	60.80 3.48 -8.28	63.30 3.40 -11.26	61.44 3.36 -10.08	62.04 3.42 -10.42	60.79 3.54 -8.80	56.72 3.75 -0.22	60.41 4.11 -0.01	66.00 4.55 0.00	62.28 4.40 -0.01	56.51 3.65 -0.01	58.12 3.37 -3.71	53.37 3.22 -1.42
GOWANUS_GT1_3 24079	51.86 2.84 -7.92	51.89 2.67 -9.32	41.09 2.37 -0.47	40.17 2.27 0.00	40.35 2.28 0.00	51.91 2.60 -6.75	57.64 3.16 -0.01	67.33 4.52 0.00	61.31 3.96 -0.01	60.60 3.85 -0.98	59.13 3.65 -1.88	59.69 3.51 -5.98	60.80 3.48 -8.28	63.30 3.40 -11.26	61.44 3.36 -10.08	62.04 3.42 -10.42	60.79 3.54 -8.80	56.72 3.75 -0.22	60.41 4.11 -0.01	66.00 4.55 0.00	62.28 4.40 -0.01	56.51 3.65 -0.01	58.12 3.37 -3.71	53.37 3.22 -1.42
GOWANUS_GT1_4 24080	51.86 2.84 -7.92	51.89 2.67 -9.32	41.09 2.37 -0.47	40.17 2.27 0.00	40.35 2.28 0.00	51.91 2.60 -6.75	57.64 3.16 -0.01	67.33 4.52 0.00	61.31 3.96 -0.01	60.60 3.85 -0.98	59.13 3.65 -1.88	59.69 3.51 -5.98	60.80 3.48 -8.28	63.30 3.40 -11.26	61.44 3.36 -10.08	62.04 3.42 -10.42	60.79 3.54 -8.80	56.72 3.75 -0.22	60.41 4.11 -0.01	66.00 4.55 0.00	62.28 4.40 -0.01	56.51 3.65 -0.01	58.12 3.37 -3.71	53.37 3.22 -1.42
GOWANUS_GT1_5 24084	51.86 2.84 -7.92	51.89 2.67 -9.32	41.09 2.37 -0.47	40.17 2.27 0.00	40.35 2.28 0.00	51.91 2.60 -6.75	57.64 3.16 -0.01	67.33 4.52 0.00	61.31 3.96 -0.01	60.60 3.85 -0.98	59.13 3.65 -1.88	59.69 3.51 -5.98	60.80 3.48 -8.28	63.30 3.40 -11.26	61.44 3.36 -10.08	62.04 3.42 -10.42	60.79 3.54 -8.80	56.72 3.75 -0.22	60.41 4.11 -0.01	66.00 4.55 0.00	62.28 4.40 -0.01	56.51 3.65 -0.01	58.12 3.37 -3.71	53.37 3.22 -1.42
GOWANUS_GT1_6 24111	51.86 2.84 -7.92	51.89 2.67 -9.32	41.09 2.37 -0.47	40.17 2.27 0.00	40.35 2.28 0.00	51.91 2.60 -6.75	57.64 3.16 -0.01	67.33 4.52 0.00	61.31 3.96 -0.01	60.60 3.85 -0.98	59.13 3.65 -1.88	59.69 3.51 -5.98	60.80 3.48 -8.28	63.30 3.40 -11.26	61.44 3.36 -10.08	62.04 3.42 -10.42	60.79 3.54 -8.80	56.72 3.75 -0.22	60.41 4.11 -0.01	66.00 4.55 0.00	62.28 4.40 -0.01	56.51 3.65 -0.01	58.12 3.37 -3.71	53.37 3.22 -1.42
GOWANUS_GT1_7 24112	51.86 2.84 -7.92	51.89 2.67 -9.32	41.09 2.37 -0.47	40.17 2.27 0.00	40.35 2.28 0.00	51.91 2.60 -6.75	57.64 3.16 -0.01	67.33 4.52 0.00	61.31 3.96 -0.01	60.60 3.85 -0.98	59.13 3.65 -1.88	59.69 3.51 -5.98	60.80 3.48 -8.28	63.30 3.40 -11.26	61.44 3.36 -10.08	62.04 3.42 -10.42	60.79 3.54 -8.80	56.72 3.75 -0.22	60.41 4.11 -0.01	66.00 4.55 0.00	62.28 4.40 -0.01	56.51 3.65 -0.01	58.12 3.37 -3.71	53.37 3.22 -1.42
GOWANUS_GT1_8 24113	51.86 2.84 -7.92	51.89 2.67 -9.32	41.09 2.37 -0.47	40.17 2.27 0.00	40.35 2.28 0.00	51.91 2.60 -6.75	57.64 3.16 -0.01	67.33 4.52 0.00	61.31 3.96 -0.01	60.60 3.85 -0.98	59.13 3.65 -1.88	59.69 3.51 -5.98	60.80 3.48 -8.28	63.30 3.40 -11.26	61.44 3.36 -10.08	62.04 3.42 -10.42	60.79 3.54 -8.80	56.72 3.75 -0.22	60.41 4.11 -0.01	66.00 4.55 0.00	62.28 4.40 -0.01	56.51 3.65 -0.01	58.12 3.37 -3.71	53.37 3.22 -1.42
GOWANUS_GT2_1 24114	51.86 2.83 -7.93	51.86 2.63 -9.33	41.13 2.41 -0.47	40.18 2.27 -0.01	40.35 2.28 -0.01	51.91 2.60 -6.76	57.64 3.16 -0.01	67.33 4.52 0.00	61.30 3.95 -0.01	60.65 3.90 -0.98	59.13 3.65 -1.88	59.69 3.51 -5.98	60.81 3.48 -8.29	63.30 3.40 -11.26	61.44 3.36 -10.08	62.04 3.42 -10.42	60.78 3.54 -8.80	56.66 3.69 -0.22	60.53 4.22 -0.01	66.13 4.67 -0.01	62.34 4.46 -0.01	56.56 3.70 -0.01	58.17 3.42 -3.71	53.28 3.12 -1.42
GOWANUS_GT2_2 24115	51.86 2.83 -7.93	51.86 2.63 -9.33	41.13 2.41 -0.47	40.18 2.27 -0.01	40.35 2.28 -0.01	51.91 2.60 -6.76	57.64 3.16 -0.01	67.33 4.52 0.00	61.30 3.95 -0.01	60.65 3.90 -0.98	59.13 3.65 -1.88	59.69 3.51 -5.98	60.81 3.48 -8.29	63.30 3.40 -11.26	61.44 3.36 -10.08	62.04 3.42 -10.42	60.78 3.54 -8.80	56.66 3.69 -0.22	60.53 4.22 -0.01	66.13 4.67 -0.01	62.34 4.46 -0.01	56.56 3.70 -0.01	58.17 3.42 -3.71	53.28 3.12 -1.42
GOWANUS_GT2_3 24116	51.86 2.83 -7.93	51.86 2.63 -9.33	41.13 2.41 -0.47	40.18 2.27 -0.01	40.35 2.28 -0.01	51.91 2.60 -6.76	57.64 3.16 -0.01	67.33 4.52 0.00	61.30 3.95 -0.01	60.65 3.90 -0.98	59.13 3.65 -1.88	59.69 3.51 -5.98	60.81 3.48 -8.29	63.30 3.40 -11.26	61.44 3.36 -10.08	62.04 3.42 -10.42	60.78 3.54 -8.80	56.66 3.69 -0.22	60.53 4.22 -0.01	66.13 4.67 -0.01	62.34 4.46 -0.01	56.56 3.70 -0.01	58.17 3.42 -3.71	53.28 3.12 -1.42

GOWANUS_GT2_4 24117	51.86 2.83 -7.93	51.86 2.63 -9.33	41.13 2.41 -0.47	40.18 2.27 -0.01	40.35 2.28 -0.01	51.91 2.60 -6.76	57.64 3.16 -0.01	67.33 4.52 0.00	61.30 3.95 -0.01	60.65 3.90 -0.98	59.13 3.65 -1.88	59.69 3.51 -5.98	60.81 3.48 -8.29	63.30 3.40 -11.26	61.44 3.36 -10.08	62.04 3.42 -10.42	60.78 3.54 -8.80	56.66 3.69 -0.22	60.53 4.22 -0.01	66.13 4.67 -0.01	62.34 4.46 -0.01	56.56 3.70 -0.01	58.17 3.42 -3.71	53.28 3.12 -1.42
GOWANUS_GT2_5 24118	51.86 2.83 -7.93	51.86 2.63 -9.33	41.13 2.41 -0.47	40.18 2.27 -0.01	40.35 2.28 -0.01	51.91 2.60 -6.76	57.64 3.16 -0.01	67.33 4.52 0.00	61.30 3.95 -0.01	60.65 3.90 -0.98	59.13 3.65 -1.88	59.69 3.51 -5.98	60.81 3.48 -8.29	63.30 3.40 -11.26	61.44 3.36 -10.08	62.04 3.42 -10.42	60.78 3.54 -8.80	56.66 3.69 -0.22	60.53 4.22 -0.01	66.13 4.67 -0.01	62.34 4.46 -0.01	56.56 3.70 -0.01	58.17 3.42 -3.71	53.28 3.12 -1.42
GOWANUS_GT2_6 24119	51.86 2.83 -7.93	51.86 2.63 -9.33	41.13 2.41 -0.47	40.18 2.27 -0.01	40.35 2.28 -0.01	51.91 2.60 -6.76	57.64 3.16 -0.01	67.33 4.52 0.00	61.30 3.95 -0.01	60.65 3.90 -0.98	59.13 3.65 -1.88	59.69 3.51 -5.98	60.81 3.48 -8.29	63.30 3.40 -11.26	61.44 3.36 -10.08	62.04 3.42 -10.42	60.78 3.54 -8.80	56.66 3.69 -0.22	60.53 4.22 -0.01	66.13 4.67 -0.01	62.34 4.46 -0.01	56.56 3.70 -0.01	58.17 3.42 -3.71	53.28 3.12 -1.42
GOWANUS_GT2_7 24120	51.86 2.83 -7.93	51.86 2.63 -9.33	41.13 2.41 -0.47	40.18 2.27 -0.01	40.35 2.28 -0.01	51.91 2.60 -6.76	57.64 3.16 -0.01	67.33 4.52 0.00	61.30 3.95 -0.01	60.65 3.90 -0.98	59.13 3.65 -1.88	59.69 3.51 -5.98	60.81 3.48 -8.29	63.30 3.40 -11.26	61.44 3.36 -10.08	62.04 3.42 -10.42	60.78 3.54 -8.80	56.66 3.69 -0.22	60.53 4.22 -0.01	66.13 4.67 -0.01	62.34 4.46 -0.01	56.56 3.70 -0.01	58.17 3.42 -3.71	53.28 3.12 -1.42
GOWANUS_GT2_8 24121	51.86 2.83 -7.93	51.86 2.63 -9.33	41.13 2.41 -0.47	40.18 2.27 -0.01	40.35 2.28 -0.01	51.91 2.60 -6.76	57.64 3.16 -0.01	67.33 4.52 0.00	61.30 3.95 -0.01	60.65 3.90 -0.98	59.13 3.65 -1.88	59.69 3.51 -5.98	60.81 3.48 -8.29	63.30 3.40 -11.26	61.44 3.36 -10.08	62.04 3.42 -10.42	60.78 3.54 -8.80	56.66 3.69 -0.22	60.53 4.22 -0.01	66.13 4.67 -0.01	62.34 4.46 -0.01	56.56 3.70 -0.01	58.17 3.42 -3.71	53.28 3.12 -1.42
GOWANUS_GT3_1 24122	51.86 2.83 -7.93	51.86 2.63 -9.33	41.13 2.41 -0.47	40.18 2.27 -0.01	40.35 2.28 -0.01	51.91 2.60 -6.76	57.64 3.16 -0.01	67.33 4.52 0.00	61.30 3.95 -0.01	60.65 3.90 -0.98	59.13 3.65 -1.88	59.69 3.51 -5.98	60.81 3.48 -8.29	63.30 3.40 -11.26	61.44 3.36 -10.08	62.04 3.42 -10.42	60.78 3.54 -8.80	56.66 3.69 -0.22	60.53 4.22 -0.01	66.13 4.67 -0.01	62.34 4.46 -0.01	56.56 3.70 -0.01	58.17 3.42 -3.71	53.28 3.12 -1.42
GOWANUS_GT3_2 24123	51.86 2.83 -7.93	51.86 2.63 -9.33	41.13 2.41 -0.47	40.18 2.27 -0.01	40.35 2.28 -0.01	51.91 2.60 -6.76	57.64 3.16 -0.01	67.33 4.52 0.00	61.30 3.95 -0.01	60.65 3.90 -0.98	59.13 3.65 -1.88	59.69 3.51 -5.98	60.81 3.48 -8.29	63.30 3.40 -11.26	61.44 3.36 -10.08	62.04 3.42 -10.42	60.78 3.54 -8.80	56.66 3.69 -0.22	60.53 4.22 -0.01	66.13 4.67 -0.01	62.34 4.46 -0.01	56.56 3.70 -0.01	58.17 3.42 -3.71	53.28 3.12 -1.42
GOWANUS_GT3_3 24124	51.86 2.83 -7.93	51.86 2.63 -9.33	41.13 2.41 -0.47	40.18 2.27 -0.01	40.35 2.28 -0.01	51.91 2.60 -6.76	57.64 3.16 -0.01	67.33 4.52 0.00	61.30 3.95 -0.01	60.65 3.90 -0.98	59.13 3.65 -1.88	59.69 3.51 -5.98	60.81 3.48 -8.29	63.30 3.40 -11.26	61.44 3.36 -10.08	62.04 3.42 -10.42	60.78 3.54 -8.80	56.66 3.69 -0.22	60.53 4.22 -0.01	66.13 4.67 -0.01	62.34 4.46 -0.01	56.56 3.70 -0.01	58.17 3.42 -3.71	53.28 3.12 -1.42
GOWANUS_GT3_4 24125	51.86 2.83 -7.93	51.86 2.63 -9.33	41.13 2.41 -0.47	40.18 2.27 -0.01	40.35 2.28 -0.01	51.91 2.60 -6.76	57.64 3.16 -0.01	67.33 4.52 0.00	61.30 3.95 -0.01	60.65 3.90 -0.98	59.13 3.65 -1.88	59.69 3.51 -5.98	60.81 3.48 -8.29	63.30 3.40 -11.26	61.44 3.36 -10.08	62.04 3.42 -10.42	60.78 3.54 -8.80	56.66 3.69 -0.22	60.53 4.22 -0.01	66.13 4.67 -0.01	62.34 4.46 -0.01	56.56 3.70 -0.01	58.17 3.42 -3.71	53.28 3.12 -1.42
GOWANUS_GT3_5 24126	51.86 2.83 -7.93	51.86 2.63 -9.33	41.13 2.41 -0.47	40.18 2.27 -0.01	40.35 2.28 -0.01	51.91 2.60 -6.76	57.64 3.16 -0.01	67.33 4.52 0.00	61.30 3.95 -0.01	60.65 3.90 -0.98	59.13 3.65 -1.88	59.69 3.51 -5.98	60.81 3.48 -8.29	63.30 3.40 -11.26	61.44 3.36 -10.08	62.04 3.42 -10.42	60.78 3.54 -8.80	56.66 3.69 -0.22	60.53 4.22 -0.01	66.13 4.67 -0.01	62.34 4.46 -0.01	56.56 3.70 -0.01	58.17 3.42 -3.71	53.28 3.12 -1.42
GOWANUS_GT3_6 24127	51.86 2.83 -7.93	51.86 2.63 -9.33	41.13 2.41 -0.47	40.18 2.27 -0.01	40.35 2.28 -0.01	51.91 2.60 -6.76	57.64 3.16 -0.01	67.33 4.52 0.00	61.30 3.95 -0.01	60.65 3.90 -0.98	59.13 3.65 -1.88	59.69 3.51 -5.98	60.81 3.48 -8.29	63.30 3.40 -11.26	61.44 3.36 -10.08	62.04 3.42 -10.42	60.78 3.54 -8.80	56.66 3.69 -0.22	60.53 4.22 -0.01	66.13 4.67 -0.01	62.34 4.46 -0.01	56.56 3.70 -0.01	58.17 3.42 -3.71	53.28 3.12 -1.42
GOWANUS_GT3_7 24128	51.86 2.83 -7.93	51.86 2.63 -9.33	41.13 2.41 -0.47	40.18 2.27 -0.01	40.35 2.28 -0.01	51.91 2.60 -6.76	57.64 3.16 -0.01	67.33 4.52 0.00	61.30 3.95 -0.01	60.65 3.90 -0.98	59.13 3.65 -1.88	59.69 3.51 -5.98	60.81 3.48 -8.29	63.30 3.40 -11.26	61.44 3.36 -10.08	62.04 3.42 -10.42	60.78 3.54 -8.80	56.66 3.69 -0.22	60.53 4.22 -0.01	66.13 4.67 -0.01	62.34 4.46 -0.01	56.56 3.70 -0.01	58.17 3.42 -3.71	53.28 3.12 -1.42
GOWANUS_GT3_8 24129	51.86 2.83 -7.93	51.86 2.63 -9.33	41.13 2.41 -0.47	40.18 2.27 -0.01	40.35 2.28 -0.01	51.91 2.60 -6.76	57.64 3.16 -0.01	67.33 4.52 0.00	61.30 3.95 -0.01	60.65 3.90 -0.98	59.13 3.65 -1.88	59.69 3.51 -5.98	60.81 3.48 -8.29	63.30 3.40 -11.26	61.44 3.36 -10.08	62.04 3.42 -10.42	60.78 3.54 -8.80	56.66 3.69 -0.22	60.53 4.22 -0.01	66.13 4.67 -0.01	62.34 4.46 -0.01	56.56 3.70 -0.01	58.17 3.42 -3.71	53.28 3.12 -1.42
GOWANUS_GT4_1 24130	51.86 2.84 -7.92	51.89 2.67 -9.32	41.09 2.37 -0.47	40.17 2.27 0.00	40.35 2.28 0.00	51.91 2.60 -6.75	57.64 3.16 -0.01	67.33 4.52 0.00	61.31 3.96 -0.01	60.60 3.85 -0.98	59.13 3.65 -1.88	59.69 3.51 -5.98	60.80 3.48 -8.28	63.30 3.40 -11.26	61.44 3.36 -10.08	62.04 3.42 -10.42	60.79 3.54 -8.80	56.72 3.75 -0.22	60.41 4.11 -0.01	66.00 4.55 0.00	62.28 4.40 -0.01	56.51 3.65 -0.01	58.12 3.37 -3.71	53.37 3.22 -1.42
GOWANUS_GT4_2 24131	51.86 2.84 -7.92	51.89 2.67 -9.32	41.09 2.37 -0.47	40.17 2.27 0.00	40.35 2.28 0.00	51.91 2.60 -6.75	57.64 3.16 -0.01	67.33 4.52 0.00	61.31 3.96 -0.01	60.60 3.85 -0.98	59.13 3.65 -1.88	59.69 3.51 -5.98	60.80 3.48 -8.28	63.30 3.40 -11.26	61.44 3.36 -10.08	62.04 3.42 -10.42	60.79 3.54 -8.80	56.72 3.75 -0.22	60.41 4.11 -0.01	66.00 4.55 0.00	62.28 4.40 -0.01	56.51 3.65 -0.01	58.12 3.37 -3.71	53.37 3.22 -1.42

GOWANUS_GT4_3 24132	51.86 2.84 -7.92	51.89 2.67 -9.32	41.09 2.37 -0.47	40.17 2.27 0.00	40.35 2.28 0.00	51.91 2.60 -6.75	57.64 3.16 -0.01	67.33 4.52 0.00	61.31 3.96 -0.01	60.60 3.85 -0.98	59.13 3.65 -1.88	59.69 3.51 -5.98	60.80 3.48 -8.28	63.30 3.40 -11.26	61.44 3.36 -10.08	62.04 3.42 -10.42	60.79 3.54 -8.80	56.72 3.75 -0.22	60.41 4.11 -0.01	66.00 4.55 0.00	62.28 4.40 -0.01	56.51 3.65 -0.01	58.12 3.37 -3.71	53.37 3.22 -1.42
GOWANUS_GT4_4 24133	51.86 2.84 -7.92	51.89 2.67 -9.32	41.09 2.37 -0.47	40.17 2.27 0.00	40.35 2.28 0.00	51.91 2.60 -6.75	57.64 3.16 -0.01	67.33 4.52 0.00	61.31 3.96 -0.01	60.60 3.85 -0.98	59.13 3.65 -1.88	59.69 3.51 -5.98	60.80 3.48 -8.28	63.30 3.40 -11.26	61.44 3.36 -10.08	62.04 3.42 -10.42	60.79 3.54 -8.80	56.72 3.75 -0.22	60.41 4.11 -0.01	66.00 4.55 0.00	62.28 4.40 -0.01	56.51 3.65 -0.01	58.12 3.37 -3.71	53.37 3.22 -1.42
GOWANUS_GT4_5 24134	51.86 2.84 -7.92	51.89 2.67 -9.32	41.09 2.37 -0.47	40.17 2.27 0.00	40.35 2.28 0.00	51.91 2.60 -6.75	57.64 3.16 -0.01	67.33 4.52 0.00	61.31 3.96 -0.01	60.60 3.85 -0.98	59.13 3.65 -1.88	59.69 3.51 -5.98	60.80 3.48 -8.28	63.30 3.40 -11.26	61.44 3.36 -10.08	62.04 3.42 -10.42	60.79 3.54 -8.80	56.72 3.75 -0.22	60.41 4.11 -0.01	66.00 4.55 0.00	62.28 4.40 -0.01	56.51 3.65 -0.01	58.12 3.37 -3.71	53.37 3.22 -1.42
GOWANUS_GT4_6 24135	51.86 2.84 -7.92	51.89 2.67 -9.32	41.09 2.37 -0.47	40.17 2.27 0.00	40.35 2.28 0.00	51.91 2.60 -6.75	57.64 3.16 -0.01	67.33 4.52 0.00	61.31 3.96 -0.01	60.60 3.85 -0.98	59.13 3.65 -1.88	59.69 3.51 -5.98	60.80 3.48 -8.28	63.30 3.40 -11.26	61.44 3.36 -10.08	62.04 3.42 -10.42	60.79 3.54 -8.80	56.72 3.75 -0.22	60.41 4.11 -0.01	66.00 4.55 0.00	62.28 4.40 -0.01	56.51 3.65 -0.01	58.12 3.37 -3.71	53.37 3.22 -1.42
GOWANUS_GT4_7 24136	51.86 2.84 -7.92	51.89 2.67 -9.32	41.09 2.37 -0.47	40.17 2.27 0.00	40.35 2.28 0.00	51.91 2.60 -6.75	57.64 3.16 -0.01	67.33 4.52 0.00	61.31 3.96 -0.01	60.60 3.85 -0.98	59.13 3.65 -1.88	59.69 3.51 -5.98	60.80 3.48 -8.28	63.30 3.40 -11.26	61.44 3.36 -10.08	62.04 3.42 -10.42	60.79 3.54 -8.80	56.72 3.75 -0.22	60.41 4.11 -0.01	66.00 4.55 0.00	62.28 4.40 -0.01	56.51 3.65 -0.01	58.12 3.37 -3.71	53.37 3.22 -1.42
GOWANUS_GT4_8 24137	51.86 2.84 -7.92	51.89 2.67 -9.32	41.09 2.37 -0.47	40.17 2.27 0.00	40.35 2.28 0.00	51.91 2.60 -6.75	57.64 3.16 -0.01	67.33 4.52 0.00	61.31 3.96 -0.01	60.60 3.85 -0.98	59.13 3.65 -1.88	59.69 3.51 -5.98	60.80 3.48 -8.28	63.30 3.40 -11.26	61.44 3.36 -10.08	62.04 3.42 -10.42	60.79 3.54 -8.80	56.72 3.75 -0.22	60.41 4.11 -0.01	66.00 4.55 0.00	62.28 4.40 -0.01	56.51 3.65 -0.01	58.12 3.37 -3.71	53.37 3.22 -1.42
GREENBSH_115KV_TB3 55895	41.80 0.70 0.00	40.62 0.72 0.00	38.82 0.57 0.00	38.43 0.53 0.00	38.60 0.53 0.00	43.03 0.47 0.00	55.24 0.76 0.00	63.81 1.00 0.00	58.14 0.80 0.00	56.32 0.56 0.00	54.09 0.48 0.00	50.60 0.40 0.00	49.43 0.39 0.00	48.98 0.34 0.00	48.44 0.43 0.00	48.63 0.43 0.00	48.98 0.53 0.00	53.38 0.63 0.00	57.14 0.84 0.00	62.44 0.98 0.00	58.80 0.93 0.00	53.48 0.63 0.00	51.50 0.46 0.00	49.12 0.39 0.00
GREENDGE_115KV_TB5 80291	41.10 0.00 0.00	39.98 0.08 0.00	38.44 0.19 0.00	38.20 0.30 0.00	38.48 0.42 0.00	43.15 0.60 0.00	54.86 0.38 0.00	64.00 1.19 0.00	57.63 0.29 0.00	55.71 -0.06 0.00	53.61 0.00 0.00	50.65 0.45 0.00	49.38 0.34 0.00	48.98 0.34 0.00	48.24 0.24 0.00	48.53 0.34 0.00	48.65 0.19 0.00	52.80 0.05 0.00	56.52 0.23 0.00	61.95 0.49 0.00	58.34 0.46 0.00	53.11 0.26 0.00	51.40 0.36 0.00	49.03 0.29 0.00
GREENIDGE___3 23582	41.10 0.00 0.00	39.98 0.08 0.00	38.44 0.19 0.00	38.20 0.30 0.00	38.48 0.42 0.00	43.15 0.60 0.00	54.86 0.38 0.00	64.00 1.19 0.00	57.63 0.29 0.00	55.71 -0.06 0.00	53.61 0.00 0.00	50.65 0.45 0.00	49.38 0.34 0.00	48.98 0.34 0.00	48.24 0.24 0.00	48.53 0.34 0.00	48.65 0.19 0.00	52.80 0.05 0.00	56.52 0.23 0.00	61.95 0.49 0.00	58.34 0.46 0.00	53.11 0.26 0.00	51.40 0.36 0.00	49.03 0.29 0.00
GREENIDGE___4 23583	41.14 0.04 0.00	40.02 0.12 0.00	38.44 0.19 0.00	38.20 0.30 0.00	38.48 0.42 0.00	43.15 0.60 0.00	54.86 0.38 0.00	64.00 1.19 0.00	57.63 0.29 0.00	55.71 -0.06 0.00	53.61 0.00 0.00	50.70 0.50 0.00	49.39 0.35 0.00	48.98 0.34 0.00	48.25 0.24 0.00	48.54 0.34 0.00	48.65 0.19 0.00	52.91 0.16 0.00	56.58 0.28 0.00	61.95 0.49 0.00	58.34 0.46 0.00	52.64 -0.21 0.00	51.45 0.41 0.00	49.03 0.29 0.00
GREENLWN_69_KV_BK 3 55738	43.82 2.71 -0.01	42.46 2.55 -0.01	40.35 2.10 0.00	39.91 2.01 0.00	39.93 1.87 0.00	44.98 2.43 0.00	55.51 1.04 0.00	64.94 2.14 0.00	58.78 1.43 0.00	57.16 1.39 0.00	54.84 1.23 0.00	51.60 1.41 0.00	50.46 1.42 0.00	50.00 1.36 0.00	49.59 1.58 0.00	49.69 1.49 0.00	50.44 1.99 0.00	55.34 2.58 0.00	59.17 2.87 -0.01	64.22 2.77 0.00	60.42 2.55 0.00	54.59 1.74 0.00	52.98 1.94 0.00	50.20 1.46 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	51.86 2.84 -7.92	51.89 2.67 -9.32	41.09 2.37 -0.47	40.17 2.27 0.00	40.35 2.28 0.00	51.91 2.60 -6.75	57.64 3.16 -0.01	67.33 4.52 0.00	61.31 3.96 -0.01	60.60 3.85 -0.98	59.13 3.65 -1.88	59.69 3.51 -5.98	60.80 3.48 -8.28	63.30 3.40 -11.26	61.44 3.36 -10.08	62.04 3.42 -10.42	60.79 3.54 -8.80	56.72 3.75 -0.22	60.41 4.11 -0.01	66.00 4.55 0.00	62.28 4.40 -0.01	56.51 3.65 -0.01	58.12 3.37 -3.71	53.37 3.22 -1.42
GRISSOM___SOLAR 323813	43.77 2.67 0.00	42.57 2.67 0.00	40.77 2.52 0.00	40.44 2.54 0.00	40.65 2.59 0.00	45.49 2.93 0.00	58.73 4.25 0.00	67.77 4.96 0.00	61.35 4.01 0.00	59.11 3.35 0.00	56.66 3.05 0.00	52.76 2.56 0.00	51.69 2.65 0.00	51.22 2.58 0.00	50.79 2.78 0.00	50.85 2.65 0.00	51.21 2.76 0.00	55.97 3.22 0.00	60.29 4.00 0.00	66.19 4.73 0.00	62.22 4.34 0.00	56.60 3.75 0.00	54.41 3.37 0.00	51.90 3.17 0.00
GROVEVILLE___HYD 323602	43.07 1.97 0.00	41.81 1.92 0.00	39.97 1.72 0.00	39.53 1.63 0.00	39.66 1.60 0.00	44.35 1.79 0.00	56.76 2.29 0.00	66.07 3.27 0.00	60.21 2.87 0.00	58.44 2.68 0.00	56.07 2.47 0.00	52.51 2.31 0.00	51.35 2.30 0.00	50.83 2.19 0.00	50.16 2.16 0.00	50.41 2.22 0.00	50.83 2.37 0.00	55.28 2.53 0.00	59.11 2.81 0.00	64.71 3.26 0.00	60.83 2.95 0.00	55.18 2.33 0.00	53.29 2.25 0.00	50.83 2.10 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	41.02 -0.08 0.00	39.90 0.00 0.00	38.25 0.00 0.00	37.94 0.04 0.00	38.14 0.08 0.00	42.69 0.13 0.00	54.64 0.16 0.00	63.50 0.69 0.00	57.63 0.29 0.00	55.99 0.22 0.00	53.88 0.27 0.00	50.50 0.30 0.00	49.29 0.25 0.00	48.93 0.29 0.00	48.24 0.24 0.00	48.44 0.24 0.00	48.55 0.10 0.00	52.70 -0.05 0.00	56.52 0.23 0.00	61.76 0.31 0.00	58.17 0.29 0.00	52.85 0.00 0.00	51.09 0.05 0.00	48.78 0.05 0.00

HAMLTNNY_34_KV_TB 80303	41.06 -0.04 0.00	39.90 0.00 0.00	38.29 0.04 0.00	38.01 0.11 0.00	38.22 0.15 0.00	42.77 0.21 0.00	54.75 0.27 0.00	63.62 0.82 0.00	57.74 0.40 0.00	55.99 0.22 0.00	53.93 0.32 0.00	50.55 0.35 0.00	49.34 0.29 0.00	48.98 0.34 0.00	48.29 0.29 0.00	48.53 0.34 0.00	48.65 0.19 0.00	52.80 0.05 0.00	56.63 0.34 0.00	61.89 0.43 0.00	58.28 0.41 0.00	52.96 0.11 0.00	51.19 0.15 0.00	48.83 0.10 0.00
HAMPSHIRE___PAPER_HYD 323593	39.99 -1.11 0.00	38.82 -1.08 0.00	37.33 -0.92 0.00	36.99 -0.91 0.00	37.11 -0.95 0.00	41.62 -0.94 0.00	53.28 -1.20 0.00	61.05 -1.76 0.00	55.80 -1.55 0.00	54.32 -1.45 0.00	52.21 -1.39 0.00	48.69 -1.50 0.00	47.57 -1.47 0.00	47.33 -1.31 0.00	46.85 -1.15 0.00	46.99 -1.20 0.00	47.29 -1.16 0.00	51.75 -1.00 0.00	55.17 -1.13 0.00	60.41 -1.05 0.00	57.07 -0.81 0.00	52.16 -0.69 0.00	50.28 -0.76 0.00	47.91 -0.83 0.00
HARDSCRABBLE_WT_PWR 323673	39.41 -1.69 0.00	38.23 -1.67 0.00	36.68 -1.57 0.00	36.42 -1.48 0.00	36.58 -1.49 0.00	41.03 -1.53 0.00	52.68 -1.80 0.00	60.86 -1.95 0.00	55.45 -1.89 0.00	53.98 -1.79 0.00	51.95 -1.66 0.00	48.64 -1.56 0.00	47.57 -1.47 0.00	47.33 -1.31 0.00	46.66 -1.34 0.00	46.80 -1.40 0.00	47.10 -1.36 0.00	51.06 -1.69 0.00	54.49 -1.80 0.00	59.37 -2.09 0.00	55.91 -1.97 0.00	50.84 -2.01 0.00	49.00 -2.04 0.00	46.78 -1.95 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	42.83 1.73 0.00	41.54 1.64 0.00	39.70 1.45 0.00	39.30 1.40 0.00	39.47 1.41 0.00	44.13 1.57 0.00	56.27 1.80 0.00	65.57 2.76 0.00	59.69 2.35 0.00	58.00 2.23 0.00	55.65 2.04 0.00	52.21 2.01 0.00	51.05 2.01 0.00	50.54 1.90 0.00	49.92 1.92 0.00	50.12 1.93 0.00	50.53 2.08 0.00	54.91 2.16 0.00	58.77 2.48 0.00	64.34 2.89 0.00	60.48 2.60 0.00	54.81 1.96 0.00	52.98 1.94 0.00	50.54 1.80 0.00
HARSNRAD_115KV_TB1 81005	39.33 -1.77 0.00	37.98 -1.92 0.00	36.68 -1.57 0.00	36.54 -1.36 0.00	36.85 -1.22 0.00	41.07 -1.49 0.00	52.51 -1.96 0.00	61.11 -1.70 0.00	54.65 -2.70 0.00	52.70 -3.07 0.00	51.09 -2.52 0.00	48.19 -2.01 0.00	46.88 -2.16 0.00	46.60 -2.04 0.00	45.84 -2.16 0.00	46.17 -2.02 0.00	45.98 -2.47 0.00	49.53 -3.22 0.00	53.53 -2.76 0.00	58.75 -2.70 0.00	55.27 -2.60 0.00	49.94 -2.91 0.00	48.79 -2.25 0.00	46.49 -2.24 0.00
HARZA MOOSE___RIVER 24016	41.10 0.00 0.00	39.90 0.00 0.00	38.33 0.08 0.00	37.98 0.08 0.00	38.14 0.08 0.00	42.81 0.26 0.00	55.08 0.60 0.00	63.75 0.94 0.00	57.86 0.52 0.00	56.10 0.33 0.00	53.93 0.32 0.00	50.35 0.15 0.00	49.24 0.20 0.00	49.03 0.39 0.00	48.58 0.58 0.00	48.77 0.58 0.00	49.03 0.58 0.00	53.49 0.74 0.00	57.31 1.01 0.00	62.81 1.35 0.00	59.27 1.39 0.00	53.80 0.95 0.00	51.91 0.87 0.00	49.37 0.63 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	40.77 -0.33 0.00	39.62 -0.28 0.00	38.02 -0.23 0.00	37.67 -0.23 0.00	37.87 -0.19 0.00	42.39 -0.17 0.00	54.31 -0.16 0.00	63.06 0.25 0.00	57.28 -0.06 0.00	55.60 -0.17 0.00	53.50 -0.11 0.00	50.15 -0.05 0.00	48.94 -0.10 0.00	48.59 -0.05 0.00	47.91 -0.10 0.00	48.10 -0.10 0.00	48.26 -0.19 0.00	52.38 -0.37 0.00	56.12 -0.17 0.00	61.33 -0.12 0.00	57.82 -0.06 0.00	52.53 -0.32 0.00	50.79 -0.26 0.00	48.49 -0.24 0.00
HELLGATE_13_KV_LD 55870	43.77 2.67 0.00	42.45 2.55 0.00	40.47 2.22 0.00	40.02 2.12 0.00	40.16 2.09 0.00	44.94 2.38 0.00	57.42 2.94 0.00	67.08 4.27 0.00	61.19 3.84 -0.01	60.54 3.79 -0.98	57.15 3.54 -0.01	56.62 3.51 -2.91	56.56 3.48 -4.04	58.53 3.36 -6.53	56.10 3.36 -4.73	56.14 3.37 -4.57	56.51 3.49 -4.57	56.40 3.64 -0.01	60.35 4.05 -0.01	65.88 4.42 0.00	62.17 4.28 -0.01	56.35 3.49 -0.01	54.37 3.32 -0.01	51.76 3.02 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	43.77 2.67 0.00	42.45 2.55 0.00	40.47 2.22 0.00	40.02 2.12 0.00	40.16 2.09 0.00	44.94 2.38 0.00	57.42 2.94 0.00	67.08 4.27 0.00	61.19 3.84 -0.01	60.54 3.79 -0.98	57.15 3.54 -0.01	56.62 3.51 -2.91	56.56 3.48 -4.04	58.53 3.36 -6.53	56.10 3.36 -4.73	56.14 3.37 -4.57	56.51 3.49 -4.57	56.40 3.64 -0.01	60.35 4.05 -0.01	65.88 4.42 0.00	62.17 4.28 -0.01	56.35 3.49 -0.01	54.37 3.32 -0.01	51.76 3.02 -0.01
HEMPSTEAD____ 23647	43.62 2.51 -0.01	42.31 2.39 -0.01	40.24 1.99 0.00	39.79 1.89 0.00	39.85 1.79 0.00	44.77 2.21 0.00	56.11 1.63 0.00	65.64 2.83 0.00	59.52 2.18 0.00	57.83 2.06 0.00	55.48 1.88 0.00	52.15 1.96 0.00	51.10 2.06 0.00	50.59 1.95 0.00	50.07 2.06 0.00	50.22 2.02 0.00	50.97 2.52 0.00	55.60 2.85 0.00	59.51 3.21 -0.01	64.65 3.19 0.00	60.88 3.01 0.00	55.07 2.22 0.00	53.08 2.04 0.00	50.34 1.61 0.00
HEWLETT_69_KV_BK3 55828	44.12 3.00 -0.01	42.79 2.87 -0.01	40.66 2.41 0.00	40.21 2.31 0.00	40.23 2.17 0.00	45.32 2.77 0.00	56.66 2.18 0.00	66.32 3.52 0.00	60.09 2.75 0.00	58.39 2.62 0.00	56.13 2.52 0.00	52.81 2.61 0.00	51.59 2.55 0.00	51.12 2.48 0.00	50.64 2.64 0.00	50.80 2.60 0.00	51.50 3.05 0.00	56.29 3.53 0.00	60.25 3.94 -0.01	65.51 4.06 0.00	61.64 3.76 0.00	55.70 2.85 0.00	54.00 2.96 0.00	51.22 2.49 0.00
HICKLING___1 23621	40.98 -0.12 0.00	39.82 -0.08 0.00	38.36 0.11 0.00	38.13 0.23 0.00	38.44 0.38 0.00	43.07 0.51 0.00	54.97 0.49 0.00	64.19 1.38 0.00	57.69 0.34 0.00	55.82 0.06 0.00	53.66 0.05 0.00	50.40 0.20 0.00	49.29 0.25 0.00	48.83 0.19 0.00	48.05 0.05 0.00	48.39 0.19 0.00	48.45 0.00 0.00	52.49 -0.26 0.00	56.74 0.45 0.00	62.25 0.80 0.00	58.51 0.64 0.00	52.80 -0.05 0.00	51.14 0.10 0.00	48.83 0.10 0.00
HICKLING___2 23622	40.98 -0.12 0.00	39.82 -0.08 0.00	38.36 0.11 0.00	38.13 0.23 0.00	38.44 0.38 0.00	43.07 0.51 0.00	54.97 0.49 0.00	64.19 1.38 0.00	57.69 0.34 0.00	55.82 0.06 0.00	53.66 0.05 0.00	50.40 0.20 0.00	49.29 0.25 0.00	48.83 0.19 0.00	48.05 0.05 0.00	48.39 0.19 0.00	48.45 0.00 0.00	52.49 -0.26 0.00	56.74 0.45 0.00	62.25 0.80 0.00	58.51 0.64 0.00	52.80 -0.05 0.00	51.14 0.10 0.00	48.83 0.10 0.00
HIGH FALLS___HY 23754	42.99 1.89 0.00	41.69 1.80 0.00	39.89 1.64 0.00	39.42 1.52 0.00	39.59 1.52 0.00	44.30 1.74 0.00	56.66 2.18 0.00	66.01 3.20 0.00	60.04 2.70 0.00	58.28 2.51 0.00	55.86 2.25 0.00	52.36 2.16 0.00	51.20 2.16 0.00	50.68 2.04 0.00	50.02 2.02 0.00	50.27 2.07 0.00	50.73 2.28 0.00	55.18 2.43 0.00	59.00 2.70 0.00	64.65 3.20 0.00	60.83 2.95 0.00	55.12 2.27 0.00	53.29 2.25 0.00	50.78 2.05 0.00
HIGH_RIVER___SOLAR 323847	42.83 1.73 0.00	41.65 1.75 0.00	39.89 1.64 0.00	39.49 1.59 0.00	39.70 1.64 0.00	44.39 1.83 0.00	57.14 2.67 0.00	65.88 3.08 0.00	59.75 2.41 0.00	57.60 1.84 0.00	55.22 1.61 0.00	51.45 1.26 0.00	50.37 1.32 0.00	49.86 1.22 0.00	49.40 1.39 0.00	49.54 1.35 0.00	49.96 1.50 0.00	54.60 1.85 0.00	58.77 2.47 0.00	64.47 3.01 0.00	60.65 2.78 0.00	55.17 2.32 0.00	53.18 2.14 0.00	50.73 2.00 0.00

HILLBURN___GT 23639	42.87 1.77 0.00	41.54 1.64 0.00	39.74 1.49 0.00	39.34 1.44 0.00	39.51 1.45 0.00	44.17 1.62 0.00	56.22 1.74 0.00	65.57 2.76 0.00	59.69 2.35 0.00	58.00 2.23 0.00	55.65 2.04 0.00	52.21 2.01 0.00	51.10 2.06 0.00	50.59 1.95 0.00	49.93 1.92 0.00	50.17 1.98 0.00	50.53 2.08 0.00	54.86 2.11 0.00	58.88 2.59 0.00	64.41 2.95 0.00	60.54 2.66 0.00	54.91 2.06 0.00	52.98 1.94 0.00	50.54 1.80 0.00
HILLSIDE_115KV_TB1 80332	40.65 -0.45 0.00	39.46 -0.44 0.00	37.98 -0.27 0.00	37.75 -0.15 0.00	38.06 0.00 0.00	42.60 0.04 0.00	54.31 -0.16 0.00	63.31 0.50 0.00	56.88 -0.46 0.00	55.04 -0.72 0.00	52.91 -0.70 0.00	49.70 -0.50 0.00	48.60 -0.44 0.00	48.15 -0.49 0.00	47.38 -0.62 0.00	47.71 -0.48 0.00	47.82 -0.63 0.00	51.85 -0.90 0.00	56.01 -0.28 0.00	61.46 0.00 0.00	57.76 -0.12 0.00	52.11 -0.74 0.00	50.48 -0.56 0.00	48.25 -0.49 0.00
HISHELDN_WT_PWR 323625	39.34 -1.77 0.00	38.23 -1.67 0.00	36.72 -1.53 0.00	36.54 -1.36 0.00	36.92 -1.14 0.00	41.28 -1.28 0.00	52.95 -1.52 0.00	61.68 -1.13 0.00	55.39 -1.95 0.00	53.53 -2.23 0.00	51.68 -1.93 0.00	48.74 -1.46 0.00	47.42 -1.62 0.00	47.04 -1.60 0.00	46.28 -1.73 0.00	46.90 -1.30 0.00	46.80 -1.65 0.00	50.85 -1.90 0.00	54.83 -1.46 0.00	60.04 -1.41 0.00	56.49 -1.39 0.00	50.79 -2.06 0.00	49.66 -1.38 0.00	47.22 -1.51 0.00
HOLTSVILLE_IC_1 23690	43.91 2.80 -0.01	42.58 2.67 -0.01	40.39 2.14 0.00	39.95 2.05 0.00	39.93 1.86 0.00	44.98 2.42 0.00	55.67 1.20 0.00	65.13 2.33 0.00	58.72 1.37 0.00	56.94 1.17 0.00	54.52 0.91 0.00	51.25 1.06 0.00	50.21 1.18 0.00	49.71 1.07 0.00	49.30 1.30 0.00	49.35 1.15 0.00	50.39 1.94 0.00	55.65 2.90 0.00	59.57 3.26 -0.01	64.22 2.77 0.00	60.54 2.66 0.00	54.59 1.74 0.00	52.52 1.48 0.00	49.61 0.88 0.00
HOLTSVILLE_IC_10 23699	44.11 3.00 -0.01	42.78 2.87 -0.01	40.58 2.33 0.00	40.14 2.24 0.00	40.08 2.02 0.00	45.20 2.64 0.00	55.95 1.47 0.00	65.51 2.70 0.00	59.06 1.72 0.00	57.27 1.51 0.00	54.79 1.18 0.00	51.50 1.30 0.00	50.46 1.42 0.00	49.95 1.31 0.00	49.59 1.58 0.00	49.64 1.44 0.00	50.73 2.28 0.00	56.02 3.27 0.00	60.02 3.71 -0.01	64.71 3.25 0.00	60.94 3.07 0.00	54.91 2.06 0.00	52.83 1.79 0.00	49.81 1.07 0.00
HOLTSVILLE_IC_2 23691	43.91 2.80 -0.01	42.58 2.67 -0.01	40.39 2.14 0.00	39.95 2.05 0.00	39.93 1.86 0.00	44.98 2.42 0.00	55.67 1.20 0.00	65.13 2.33 0.00	58.72 1.37 0.00	56.94 1.17 0.00	54.52 0.91 0.00	51.25 1.06 0.00	50.21 1.18 0.00	49.71 1.07 0.00	49.30 1.30 0.00	49.35 1.15 0.00	50.39 1.94 0.00	55.65 2.90 0.00	59.57 3.26 -0.01	64.22 2.77 0.00	60.54 2.66 0.00	54.59 1.74 0.00	52.52 1.48 0.00	49.61 0.88 0.00
HOLTSVILLE_IC_3 23692	43.91 2.80 -0.01	42.58 2.67 -0.01	40.39 2.14 0.00	39.95 2.05 0.00	39.93 1.86 0.00	44.98 2.42 0.00	55.67 1.20 0.00	65.13 2.33 0.00	58.72 1.37 0.00	56.94 1.17 0.00	54.52 0.91 0.00	51.25 1.06 0.00	50.21 1.18 0.00	49.71 1.07 0.00	49.30 1.30 0.00	49.35 1.15 0.00	50.39 1.94 0.00	55.65 2.90 0.00	59.57 3.26 -0.01	64.22 2.77 0.00	60.54 2.66 0.00	54.59 1.74 0.00	52.52 1.48 0.00	49.61 0.88 0.00
HOLTSVILLE_IC_4 23693	43.91 2.80 -0.01	42.58 2.67 -0.01	40.39 2.14 0.00	39.95 2.05 0.00	39.93 1.86 0.00	44.98 2.42 0.00	55.67 1.20 0.00	65.13 2.33 0.00	58.72 1.37 0.00	56.94 1.17 0.00	54.52 0.91 0.00	51.25 1.06 0.00	50.21 1.18 0.00	49.71 1.07 0.00	49.30 1.30 0.00	49.35 1.15 0.00	50.39 1.94 0.00	55.65 2.90 0.00	59.57 3.26 -0.01	64.22 2.77 0.00	60.54 2.66 0.00	54.59 1.74 0.00	52.52 1.48 0.00	49.61 0.88 0.00
HOLTSVILLE_IC_5 23694	43.91 2.80 -0.01	42.58 2.67 -0.01	40.39 2.14 0.00	39.95 2.05 0.00	39.93 1.86 0.00	44.98 2.42 0.00	55.67 1.20 0.00	65.13 2.33 0.00	58.72 1.37 0.00	56.94 1.17 0.00	54.52 0.91 0.00	51.25 1.06 0.00	50.21 1.18 0.00	49.71 1.07 0.00	49.30 1.30 0.00	49.35 1.15 0.00	50.39 1.94 0.00	55.65 2.90 0.00	59.57 3.26 -0.01	64.22 2.77 0.00	60.54 2.66 0.00	54.59 1.74 0.00	52.52 1.48 0.00	49.61 0.88 0.00
HOLTSVILLE_IC_6 23695	44.11 3.00 -0.01	42.78 2.87 -0.01	40.58 2.33 0.00	40.14 2.24 0.00	40.08 2.02 0.00	45.20 2.64 0.00	55.95 1.47 0.00	65.51 2.70 0.00	59.06 1.72 0.00	57.27 1.51 0.00	54.79 1.18 0.00	51.50 1.30 0.00	50.46 1.42 0.00	49.95 1.31 0.00	49.59 1.58 0.00	49.64 1.44 0.00	50.73 2.28 0.00	56.02 3.27 0.00	60.02 3.71 -0.01	64.71 3.25 0.00	60.94 3.07 0.00	54.91 2.06 0.00	52.83 1.79 0.00	49.81 1.07 0.00
HOLTSVILLE_IC_7 23696	44.11 3.00 -0.01	42.78 2.87 -0.01	40.58 2.33 0.00	40.14 2.24 0.00	40.08 2.02 0.00	45.20 2.64 0.00	55.95 1.47 0.00	65.51 2.70 0.00	59.06 1.72 0.00	57.27 1.51 0.00	54.79 1.18 0.00	51.50 1.30 0.00	50.46 1.42 0.00	49.95 1.31 0.00	49.59 1.58 0.00	49.64 1.44 0.00	50.73 2.28 0.00	56.02 3.27 0.00	60.02 3.71 -0.01	64.71 3.25 0.00	60.94 3.07 0.00	54.91 2.06 0.00	52.83 1.79 0.00	49.81 1.07 0.00
HOLTSVILLE_IC_8 23697	44.11 3.00 -0.01	42.78 2.87 -0.01	40.58 2.33 0.00	40.14 2.24 0.00	40.08 2.02 0.00	45.20 2.64 0.00	55.95 1.47 0.00	65.51 2.70 0.00	59.06 1.72 0.00	57.27 1.51 0.00	54.79 1.18 0.00	51.50 1.30 0.00	50.46 1.42 0.00	49.95 1.31 0.00	49.59 1.58 0.00	49.64 1.44 0.00	50.73 2.28 0.00	56.02 3.27 0.00	60.02 3.71 -0.01	64.71 3.25 0.00	60.94 3.07 0.00	54.91 2.06 0.00	52.83 1.79 0.00	49.81 1.07 0.00
HOLTSVILLE_IC_9 23698	44.11 3.00 -0.01	42.78 2.87 -0.01	40.58 2.33 0.00	40.14 2.24 0.00	40.08 2.02 0.00	45.20 2.64 0.00	55.95 1.47 0.00	65.51 2.70 0.00	59.06 1.72 0.00	57.27 1.51 0.00	54.79 1.18 0.00	51.50 1.30 0.00	50.46 1.42 0.00	49.95 1.31 0.00	49.59 1.58 0.00	49.64 1.44 0.00	50.73 2.28 0.00	56.02 3.27 0.00	60.02 3.71 -0.01	64.71 3.25 0.00	60.94 3.07 0.00	54.91 2.06 0.00	52.83 1.79 0.00	49.81 1.07 0.00
HOMER_HL_115KV_TB2 355744	40.36 -0.74 0.00	38.94 -0.96 0.00	37.64 -0.61 0.00	37.56 -0.34 0.00	37.99 -0.08 0.00	42.39 -0.17 0.00	54.09 -0.38 0.00	63.50 0.69 0.00	56.42 -0.92 0.00	54.21 -1.56 0.00	52.11 -1.50 0.00	49.24 -0.95 0.00	48.01 -1.03 0.00	47.57 -1.07 0.00	46.76 -1.25 0.00	47.09 -1.11 0.00	47.00 -1.45 0.00	50.69 -2.06 0.00	55.34 -0.96 0.00	60.84 -0.61 0.00	57.07 -0.81 0.00	51.05 -1.80 0.00	49.82 -1.22 0.00	47.37 -1.36 0.00
HOWARD_WT_PWR 323690	40.32 -0.78 0.00	39.34 -0.56 0.00	37.71 -0.54 0.00	37.60 -0.30 0.00	38.06 0.00 0.00	42.73 0.17 0.00	54.64 0.16 0.00	63.87 1.07 0.00	57.34 0.00 0.00	55.38 -0.39 0.00	53.24 -0.37 0.00	50.10 -0.10 0.00	48.80 -0.24 0.00	48.40 -0.24 0.00	47.52 -0.48 0.00	48.05 -0.14 0.00	48.11 -0.34 0.00	52.44 -0.31 0.00	56.63 0.34 0.00	62.13 0.68 0.00	58.40 0.52 0.00	52.54 -0.32 0.00	51.09 0.05 0.00	48.64 -0.10 0.00

HQ_GEN_CEDARS 23644	41.06 -0.04 0.00	39.86 -0.04 0.00	38.33 0.08 0.00	37.98 0.08 0.00	38.06 0.00 0.00	42.56 0.00 0.00	53.93 -0.54 0.00	61.24 -1.57 0.00	56.60 -0.75 0.00	55.49 -0.28 0.00	53.29 -0.32 0.00	49.75 -0.45 0.00	48.70 -0.34 0.00	48.30 -0.34 0.00	47.57 -0.43 0.00	47.71 -0.48 0.00	48.02 -0.44 0.00	52.49 -0.26 0.00	55.56 -0.73 0.00	60.53 -0.92 0.00	57.12 -0.75 0.00	52.59 -0.26 0.00	50.84 -0.20 0.00	48.54 -0.19 0.00
HQ_GEN_CEDARS_PROXY 323590	41.06 -0.04 0.00	39.86 -0.04 0.00	38.33 0.08 0.00	37.98 0.08 0.00	38.03 -0.04 0.00	42.56 0.00 0.00	53.93 -0.54 0.00	62.50 -1.57 -1.26	55.44 -0.75 1.16	55.39 -0.28 0.10	53.29 -0.32 0.00	49.75 -0.45 0.00	48.70 -0.34 0.00	48.25 -0.39 0.00	47.57 -0.43 0.00	47.71 -0.48 0.00	48.01 -0.44 0.00	52.49 -0.26 0.00	55.50 -0.79 0.00	60.54 -0.92 0.00	57.12 -0.75 0.00	53.06 -0.26 -0.47	50.37 -0.20 0.47	48.54 -0.19 0.00
HQ_GEN_IMPORT 323601	40.86 -0.25 0.00	39.66 -0.24 0.00	38.10 -0.15 0.00	37.71 -0.19 0.00	37.84 -0.23 0.00	42.35 -0.21 0.00	54.10 -0.38 0.00	63.00 -1.07 -1.26	55.61 -0.57 1.16	55.39 -0.28 0.10	53.29 -0.32 0.00	49.85 -0.35 0.00	48.75 -0.29 0.00	48.35 -0.29 0.00	47.67 -0.33 0.00	47.86 -0.34 0.00	48.11 -0.34 0.00	52.49 -0.26 0.00	55.62 -0.67 0.00	60.66 -0.80 0.00	57.12 -0.75 0.00	53.06 -0.26 -0.47	50.32 -0.25 0.47	48.54 -0.19 0.00
HQ_GEN_WHEEL 23651	40.86 -0.25 0.00	39.66 -0.24 0.00	38.10 -0.15 0.00	37.71 -0.19 0.00	37.84 -0.23 0.00	42.35 -0.21 0.00	54.10 -0.38 0.00	63.00 -1.07 -1.26	55.61 -0.57 1.16	55.39 -0.28 0.10	53.29 -0.32 0.00	49.85 -0.35 0.00	48.75 -0.29 0.00	48.35 -0.29 0.00	47.67 -0.33 0.00	47.86 -0.34 0.00	48.11 -0.34 0.00	52.49 -0.26 0.00	55.62 -0.67 0.00	60.66 -0.80 0.00	57.12 -0.75 0.00	53.06 -0.26 -0.47	50.32 -0.25 0.47	48.54 -0.19 0.00
HUDSON_AVE_GT_3 23810	43.44 2.34 0.00	42.09 2.19 0.00	40.16 1.91 0.00	39.76 1.86 0.00	39.89 1.83 0.00	44.64 2.09 0.00	57.04 2.56 0.00	66.58 3.77 0.00	60.73 3.38 0.00	59.11 3.35 0.00	56.72 3.11 0.00	53.31 3.11 0.00	52.08 3.04 0.00	51.61 2.97 0.00	50.98 2.98 0.00	51.14 2.94 0.00	51.55 3.10 0.00	55.97 3.22 0.00	59.84 3.55 0.00	65.39 3.93 0.00	61.64 3.76 0.00	55.86 3.01 0.00	53.90 2.86 0.00	51.32 2.58 0.00
HUDSON_AVE_GT_4 23540	43.44 2.34 0.00	42.09 2.19 0.00	40.16 1.91 0.00	39.76 1.86 0.00	39.89 1.83 0.00	44.64 2.09 0.00	57.04 2.56 0.00	66.58 3.77 0.00	60.73 3.38 0.00	59.11 3.35 0.00	56.72 3.11 0.00	53.31 3.11 0.00	52.08 3.04 0.00	51.61 2.97 0.00	50.98 2.98 0.00	51.14 2.94 0.00	51.55 3.10 0.00	55.97 3.22 0.00	59.84 3.55 0.00	65.39 3.93 0.00	61.64 3.76 0.00	55.86 3.01 0.00	53.90 2.86 0.00	51.32 2.58 0.00
HUDSON_AVE_GT_5 23657	43.44 2.34 0.00	42.09 2.19 0.00	40.16 1.91 0.00	39.76 1.86 0.00	39.89 1.83 0.00	44.64 2.09 0.00	57.04 2.56 0.00	66.58 3.77 0.00	60.73 3.38 0.00	59.11 3.35 0.00	56.72 3.11 0.00	53.31 3.11 0.00	52.08 3.04 0.00	51.61 2.97 0.00	50.98 2.98 0.00	51.14 2.94 0.00	51.55 3.10 0.00	55.97 3.22 0.00	59.84 3.55 0.00	65.39 3.93 0.00	61.64 3.76 0.00	55.86 3.01 0.00	53.90 2.86 0.00	51.32 2.58 0.00
HUDSON_AVE_10 24168	43.24 2.14 0.00	41.89 1.99 0.00	39.97 1.72 0.00	39.57 1.67 0.00	39.70 1.64 0.00	44.43 1.87 0.00	56.82 2.34 0.00	66.39 3.58 0.00	60.61 3.27 0.00	59.00 3.23 0.00	56.61 3.00 0.00	53.16 2.96 0.00	51.98 2.94 0.00	51.46 2.82 0.00	50.84 2.83 0.00	51.09 2.89 0.00	51.50 3.05 0.00	55.86 3.11 0.00	59.73 3.43 0.00	65.27 3.81 0.00	61.52 3.65 0.00	55.76 2.91 0.00	53.75 2.71 0.00	51.22 2.49 0.00
HUDSON___115KV_TB 4 355613	42.42 1.32 0.00	41.22 1.32 0.00	39.47 1.22 0.00	39.04 1.14 0.00	39.21 1.14 0.00	43.71 1.15 0.00	56.33 1.85 0.00	64.94 2.14 0.00	59.01 1.66 0.00	56.94 1.17 0.00	54.52 0.91 0.00	51.00 0.80 0.00	49.78 0.74 0.00	49.27 0.63 0.00	48.77 0.77 0.00	49.02 0.82 0.00	49.52 1.07 0.00	54.12 1.37 0.00	58.04 1.75 0.00	63.55 2.09 0.00	59.79 1.91 0.00	54.38 1.53 0.00	52.37 1.33 0.00	49.95 1.22 0.00
HUNTER MOUNT___DRP 323613	42.46 1.36 0.00	41.34 1.44 0.00	39.55 1.30 0.00	39.11 1.21 0.00	39.28 1.22 0.00	43.79 1.23 0.00	56.49 2.02 0.00	65.13 2.32 0.00	59.18 1.83 0.00	57.05 1.28 0.00	54.57 0.96 0.00	50.95 0.75 0.00	49.78 0.74 0.00	49.27 0.63 0.00	48.72 0.72 0.00	49.02 0.82 0.00	49.52 1.07 0.00	54.18 1.42 0.00	57.98 1.69 0.00	63.55 2.09 0.00	59.79 1.91 0.00	54.38 1.53 0.00	52.42 1.38 0.00	50.05 1.32 0.00
HUNTINGTON_RES_REC 323705	43.94 2.83 -0.01	42.58 2.67 -0.01	40.43 2.18 0.00	39.98 2.08 0.00	39.97 1.90 0.00	45.03 2.47 0.00	55.67 1.20 0.00	65.19 2.39 0.00	58.89 1.55 0.00	57.10 1.34 0.00	54.68 1.07 0.00	51.45 1.26 0.00	50.41 1.37 0.00	49.90 1.26 0.00	49.54 1.54 0.00	49.60 1.40 0.00	50.58 2.13 0.00	55.60 2.85 0.00	59.57 3.26 -0.01	64.41 2.95 0.00	60.65 2.78 0.00	54.70 1.85 0.00	52.62 1.58 0.00	49.81 1.07 0.00
HUNTLEY___63 23557	39.75 -1.36 0.00	38.38 -1.52 0.00	37.03 -1.22 0.00	36.95 -0.95 0.00	37.26 -0.80 0.00	41.54 -1.02 0.00	53.11 -1.36 0.00	61.93 -0.88 0.00	55.34 -2.01 0.00	53.31 -2.45 0.00	51.62 -1.98 0.00	48.79 -1.41 0.00	47.47 -1.57 0.00	47.13 -1.51 0.00	46.37 -1.63 0.00	46.61 -1.59 0.00	46.42 -2.03 0.00	50.01 -2.74 0.00	54.04 -2.25 0.00	59.30 -2.15 0.00	55.79 -2.08 0.00	50.31 -2.54 0.00	49.20 -1.84 0.00	46.83 -1.90 0.00
HUNTLEY___64 23558	39.75 -1.36 0.00	38.38 -1.52 0.00	37.03 -1.22 0.00	36.95 -0.95 0.00	37.26 -0.80 0.00	41.54 -1.02 0.00	53.11 -1.36 0.00	61.93 -0.88 0.00	55.34 -2.01 0.00	53.31 -2.45 0.00	51.62 -1.98 0.00	48.79 -1.41 0.00	47.47 -1.57 0.00	47.13 -1.51 0.00	46.37 -1.63 0.00	46.61 -1.59 0.00	46.42 -2.03 0.00	50.01 -2.74 0.00	54.04 -2.25 0.00	59.30 -2.15 0.00	55.79 -2.08 0.00	50.31 -2.54 0.00	49.20 -1.84 0.00	46.83 -1.90 0.00
HUNTLEY___65 23559	39.75 -1.36 0.00	38.38 -1.52 0.00	37.03 -1.22 0.00	36.95 -0.95 0.00	37.26 -0.80 0.00	41.54 -1.02 0.00	53.11 -1.36 0.00	61.93 -0.88 0.00	55.34 -2.01 0.00	53.31 -2.45 0.00	51.62 -1.98 0.00	48.79 -1.41 0.00	47.47 -1.57 0.00	47.13 -1.51 0.00	46.37 -1.63 0.00	46.61 -1.59 0.00	46.42 -2.03 0.00	50.01 -2.74 0.00	54.04 -2.25 0.00	59.30 -2.15 0.00	55.79 -2.08 0.00	50.31 -2.54 0.00	49.20 -1.84 0.00	46.83 -1.90 0.00
HUNTLEY___66 23560	39.75 -1.36 0.00	38.38 -1.52 0.00	37.03 -1.22 0.00	36.95 -0.95 0.00	37.26 -0.80 0.00	41.54 -1.02 0.00	53.11 -1.36 0.00	61.93 -0.88 0.00	55.34 -2.01 0.00	53.31 -2.45 0.00	51.62 -1.98 0.00	48.79 -1.41 0.00	47.47 -1.57 0.00	47.13 -1.51 0.00	46.37 -1.63 0.00	46.61 -1.59 0.00	46.42 -2.03 0.00	50.01 -2.74 0.00	54.04 -2.25 0.00	59.30 -2.15 0.00	55.79 -2.08 0.00	50.31 -2.54 0.00	49.20 -1.84 0.00	46.83 -1.90 0.00

HUNTLEY___67 23561	39.62 -1.48 0.00	38.22 -1.68 0.00	36.95 -1.30 0.00	36.80 -1.10 0.00	37.15 -0.91 0.00	41.41 -1.15 0.00	52.90 -1.58 0.00	61.55 -1.26 0.00	55.05 -2.29 0.00	53.09 -2.68 0.00	51.41 -2.20 0.00	48.54 -1.66 0.00	47.28 -1.77 0.00	46.94 -1.70 0.00	46.18 -1.82 0.00	46.37 -1.83 0.00	46.22 -2.23 0.00	49.80 -2.95 0.00	53.82 -2.48 0.00	59.06 -2.40 0.00	55.56 -2.32 0.00	50.16 -2.70 0.00	49.00 -2.04 0.00	46.69 -2.05 0.00
HUNTLEY___68 23562	39.62 -1.48 0.00	38.22 -1.68 0.00	36.95 -1.30 0.00	36.80 -1.10 0.00	37.15 -0.91 0.00	41.41 -1.15 0.00	52.90 -1.58 0.00	61.55 -1.26 0.00	55.05 -2.29 0.00	53.09 -2.68 0.00	51.41 -2.20 0.00	48.54 -1.66 0.00	47.28 -1.77 0.00	46.94 -1.70 0.00	46.18 -1.82 0.00	46.37 -1.83 0.00	46.22 -2.23 0.00	49.80 -2.95 0.00	53.82 -2.48 0.00	59.06 -2.40 0.00	55.56 -2.32 0.00	50.16 -2.70 0.00	49.00 -2.04 0.00	46.69 -2.05 0.00
HYLAND___LFGE 323620	41.80 0.70 0.00	40.54 0.64 0.00	38.94 0.69 0.00	38.73 0.83 0.00	39.09 1.03 0.00	43.83 1.28 0.00	56.22 1.74 0.00	65.51 2.70 0.00	58.26 0.91 0.00	55.66 -0.11 0.00	53.29 -0.32 0.00	49.95 -0.25 0.00	48.46 -0.59 0.00	48.01 -0.63 0.00	47.29 -0.72 0.00	47.96 -0.24 0.00	48.40 -0.05 0.00	53.12 0.37 0.00	57.98 1.69 0.00	63.79 2.33 0.00	60.25 2.37 0.00	54.28 1.43 0.00	52.67 1.63 0.00	50.00 1.27 0.00
INDECK___CORINTH 23802	43.24 2.14 0.00	42.09 2.19 0.00	40.31 2.06 0.00	39.95 2.05 0.00	40.12 2.05 0.00	44.81 2.25 0.00	58.02 3.54 0.00	66.95 4.14 0.00	60.96 3.61 0.00	58.78 3.01 0.00	56.50 2.89 0.00	52.61 2.41 0.00	51.35 2.31 0.00	50.78 2.14 0.00	50.40 2.40 0.00	50.46 2.27 0.00	50.83 2.37 0.00	55.49 2.74 0.00	59.56 3.26 0.00	65.20 3.75 0.00	61.23 3.36 0.00	55.70 2.85 0.00	53.69 2.65 0.00	51.32 2.58 0.00
INDECK___ILION 23567	39.50 -1.60 0.00	38.30 -1.60 0.00	36.76 -1.49 0.00	36.50 -1.40 0.00	36.65 -1.41 0.00	41.11 -1.45 0.00	52.84 -1.63 0.00	61.11 -1.70 0.00	55.62 -1.72 0.00	54.15 -1.62 0.00	52.16 -1.45 0.00	48.84 -1.36 0.00	47.77 -1.28 0.00	47.52 -1.12 0.00	46.85 -1.15 0.00	46.99 -1.20 0.00	47.24 -1.21 0.00	51.22 -1.53 0.00	54.66 -1.63 0.00	59.55 -1.91 0.00	56.08 -1.79 0.00	51.00 -1.85 0.00	49.15 -1.89 0.00	46.88 -1.85 0.00
INDECK___OLEAN 23982	40.44 -0.66 0.00	39.10 -0.80 0.00	37.64 -0.61 0.00	37.56 -0.34 0.00	37.99 -0.08 0.00	42.43 -0.13 0.00	54.10 -0.38 0.00	63.50 0.69 0.00	56.42 -0.92 0.00	54.21 -1.56 0.00	52.11 -1.50 0.00	49.39 -0.81 0.00	48.01 -1.03 0.00	47.62 -1.02 0.00	46.81 -1.20 0.00	47.09 -1.11 0.00	47.00 -1.45 0.00	51.01 -1.74 0.00	55.50 -0.79 0.00	60.84 -0.61 0.00	57.07 -0.81 0.00	51.00 -1.85 0.00	49.82 -1.23 0.00	47.32 -1.41 0.00
INDECK___OSWEGO 23783	40.28 -0.82 0.00	39.14 -0.76 0.00	37.52 -0.73 0.00	37.22 -0.68 0.00	37.38 -0.68 0.00	41.83 -0.72 0.00	53.60 -0.87 0.00	62.12 -0.69 0.00	56.48 -0.86 0.00	54.82 -0.95 0.00	52.70 -0.91 0.00	49.39 -0.81 0.00	48.21 -0.83 0.00	47.86 -0.78 0.00	47.19 -0.82 0.00	47.42 -0.77 0.00	47.58 -0.87 0.00	51.75 -1.00 0.00	55.45 -0.84 0.00	60.60 -0.86 0.00	57.07 -0.81 0.00	51.90 -0.95 0.00	50.17 -0.87 0.00	47.95 -0.78 0.00
INDECK___YERKES 23781	39.91 -1.19 0.00	38.58 -1.32 0.00	37.06 -1.19 0.00	36.99 -0.91 0.00	37.34 -0.72 0.00	41.62 -0.94 0.00	53.23 -1.25 0.00	61.99 -0.82 0.00	55.39 -1.95 0.00	53.37 -2.40 0.00	51.68 -1.93 0.00	48.95 -1.25 0.00	47.52 -1.52 0.00	47.23 -1.41 0.00	46.42 -1.58 0.00	46.65 -1.54 0.00	46.46 -1.99 0.00	50.38 -2.37 0.00	54.27 -2.02 0.00	59.30 -2.15 0.00	55.85 -2.03 0.00	50.26 -2.59 0.00	49.30 -1.74 0.00	46.83 -1.90 0.00
INDIAN POINT_GT_1 24139	42.91 1.81 0.00	41.58 1.68 0.00	39.74 1.49 0.00	39.34 1.44 0.00	39.51 1.45 0.00	44.17 1.62 0.00	56.27 1.80 0.00	65.57 2.76 0.00	59.69 2.35 0.00	58.05 2.29 0.00	55.70 2.09 0.00	52.26 2.06 0.00	51.10 2.06 0.00	50.63 1.99 0.00	49.97 1.97 0.00	50.22 2.02 0.00	50.58 2.13 0.00	54.97 2.22 0.00	58.88 2.59 0.00	64.41 2.95 0.00	60.60 2.72 0.00	54.96 2.11 0.00	53.08 2.04 0.00	50.59 1.85 0.00
INDIAN POINT_GT_2 23659	42.91 1.81 0.00	41.58 1.68 0.00	39.74 1.49 0.00	39.34 1.44 0.00	39.51 1.45 0.00	44.17 1.62 0.00	56.27 1.80 0.00	65.57 2.76 0.00	59.69 2.35 0.00	58.05 2.29 0.00	55.70 2.09 0.00	52.26 2.06 0.00	51.10 2.06 0.00	50.63 1.99 0.00	49.97 1.97 0.00	50.22 2.02 0.00	50.58 2.13 0.00	54.97 2.22 0.00	58.88 2.59 0.00	64.41 2.95 0.00	60.60 2.72 0.00	54.96 2.11 0.00	53.08 2.04 0.00	50.59 1.85 0.00
INDIAN POINT_GT_3 24019	42.91 1.81 0.00	41.58 1.68 0.00	39.74 1.49 0.00	39.34 1.44 0.00	39.51 1.45 0.00	44.17 1.62 0.00	56.27 1.80 0.00	65.57 2.76 0.00	59.69 2.35 0.00	58.05 2.29 0.00	55.70 2.09 0.00	52.26 2.06 0.00	51.10 2.06 0.00	50.63 1.99 0.00	49.97 1.97 0.00	50.22 2.02 0.00	50.58 2.13 0.00	54.97 2.22 0.00	58.88 2.59 0.00	64.41 2.95 0.00	60.60 2.72 0.00	54.96 2.11 0.00	53.08 2.04 0.00	50.59 1.85 0.00
INDIAN POINT___2 23530	42.79 1.69 0.00	41.45 1.55 0.00	39.62 1.37 0.00	39.23 1.33 0.00	39.39 1.33 0.00	44.05 1.49 0.00	56.06 1.58 0.00	65.38 2.58 0.00	59.47 2.12 0.00	57.83 2.06 0.00	55.43 1.82 0.00	52.06 1.86 0.00	50.91 1.86 0.00	50.39 1.75 0.00	49.78 1.78 0.00	50.03 1.83 0.00	50.39 1.94 0.00	54.70 1.95 0.00	58.71 2.42 0.00	64.22 2.77 0.00	60.36 2.49 0.00	54.75 1.90 0.00	52.88 1.83 0.00	50.39 1.66 0.00
INDIAN POINT___3 23531	42.95 1.85 0.00	41.62 1.72 0.00	39.78 1.53 0.00	39.38 1.48 0.00	39.51 1.45 0.00	44.17 1.62 0.00	56.33 1.85 0.00	65.63 2.83 0.00	59.75 2.41 0.00	58.11 2.34 0.00	55.75 2.14 0.00	52.31 2.11 0.00	51.15 2.11 0.00	50.68 2.04 0.00	50.02 2.02 0.00	50.27 2.07 0.00	50.63 2.18 0.00	55.02 2.27 0.00	58.94 2.65 0.00	64.41 2.95 0.00	60.65 2.78 0.00	54.96 2.11 0.00	53.13 2.09 0.00	50.64 1.90 0.00
INGHAM_C_115KV_TB7 356103	39.25 -1.85 0.00	38.06 -1.84 0.00	36.53 -1.72 0.00	36.27 -1.63 0.00	36.43 -1.64 0.00	40.86 -1.70 0.00	52.51 -1.96 0.00	60.67 -2.14 0.00	55.16 -2.18 0.00	53.76 -2.01 0.00	51.73 -1.88 0.00	48.44 -1.76 0.00	47.37 -1.67 0.00	47.13 -1.51 0.00	46.52 -1.49 0.00	46.61 -1.59 0.00	46.90 -1.55 0.00	50.85 -1.90 0.00	54.27 -2.03 0.00	59.12 -2.34 0.00	55.68 -2.20 0.00	50.63 -2.22 0.00	48.79 -2.25 0.00	46.59 -2.14 0.00
IP CORINTH___1 23988	43.24 2.14 0.00	42.13 2.23 0.00	40.31 2.07 0.00	39.95 2.05 0.00	40.12 2.06 0.00	44.81 2.26 0.00	58.02 3.54 0.00	66.95 4.15 0.00	60.95 3.61 0.00	58.72 2.96 0.00	56.50 2.89 0.00	52.61 2.41 0.00	51.35 2.30 0.00	50.78 2.14 0.00	50.40 2.40 0.00	50.46 2.27 0.00	50.83 2.37 0.00	55.49 2.74 0.00	59.50 3.21 0.00	65.20 3.75 0.00	61.23 3.36 0.00	55.65 2.80 0.00	53.64 2.60 0.00	51.27 2.53 0.00

IP__TICONDEROGA 23804	44.14 3.04 0.00	43.09 3.19 0.00	41.27 3.02 0.00	40.89 2.99 0.00	41.03 2.97 0.00	45.88 3.32 0.00	59.65 5.18 0.00	68.65 5.84 0.00	62.39 5.05 0.00	59.95 4.18 0.00	57.63 4.02 0.00	53.56 3.36 0.00	52.18 3.14 0.00	51.51 2.87 0.00	51.36 3.36 0.00	51.38 3.18 0.00	51.75 3.29 0.00	56.71 3.96 0.00	61.02 4.73 0.00	66.99 5.53 0.00	62.80 4.92 0.00	57.08 4.23 0.00	54.87 3.83 0.00	52.49 3.75 0.00
ISLIP_RES_REC 323679	44.32 3.21 -0.01	42.94 3.03 -0.01	40.73 2.48 0.00	40.29 2.39 0.00	40.23 2.17 0.00	45.37 2.81 0.00	56.27 1.80 0.00	65.88 3.08 0.00	59.35 2.01 0.00	57.60 1.84 0.00	55.11 1.50 0.00	51.80 1.61 0.00	50.71 1.67 0.00	50.24 1.60 0.00	49.83 1.82 0.00	49.88 1.69 0.00	50.97 2.52 0.00	56.34 3.59 0.00	60.36 4.06 -0.01	65.08 3.62 0.00	61.29 3.41 0.00	55.23 2.38 0.00	53.08 2.04 0.00	50.05 1.32 0.00
JAMAICA__27_KV_LOAD 355505	42.94 1.85 0.01	41.61 1.72 0.01	39.69 1.45 0.01	39.26 1.36 0.01	39.43 1.37 0.01	44.17 1.62 0.00	56.55 2.07 0.00	66.20 3.39 0.00	60.67 3.33 0.00	59.06 3.29 0.00	56.66 3.06 0.00	53.21 3.01 0.00	51.98 2.94 0.00	51.46 2.82 0.00	50.88 2.88 0.00	51.14 2.94 0.00	51.55 3.10 0.00	55.97 3.22 0.00	59.78 3.49 0.00	65.39 3.93 0.00	61.64 3.76 0.00	55.81 2.96 0.00	53.75 2.71 0.00	51.17 2.44 0.00
JANIS__SOLAR 323808	42.66 1.56 0.00	41.50 1.60 0.00	39.86 1.61 0.00	39.57 1.67 0.00	39.85 1.79 0.00	44.77 2.21 0.00	57.58 3.10 0.00	67.08 4.27 0.00	60.44 3.09 0.00	58.22 2.45 0.00	55.86 2.25 0.00	52.31 2.11 0.00	51.01 1.96 0.00	50.68 2.04 0.00	49.93 1.92 0.00	50.27 2.07 0.00	50.58 2.13 0.00	55.07 2.32 0.00	59.44 3.15 0.00	65.20 3.75 0.00	61.47 3.59 0.00	55.49 2.64 0.00	53.64 2.60 0.00	51.03 2.29 0.00
JARVIS____ 23743	41.23 0.12 0.00	39.98 0.08 0.00	38.33 0.08 0.00	37.98 0.08 0.00	38.18 0.11 0.00	42.69 0.13 0.00	54.69 0.22 0.00	63.25 0.44 0.00	57.63 0.29 0.00	55.99 0.22 0.00	53.82 0.22 0.00	50.40 0.20 0.00	49.24 0.20 0.00	48.84 0.20 0.00	48.25 0.24 0.00	48.39 0.19 0.00	48.69 0.24 0.00	52.96 0.21 0.00	56.63 0.34 0.00	61.89 0.43 0.00	58.23 0.35 0.00	53.06 0.21 0.00	51.25 0.20 0.00	48.88 0.15 0.00
JENNISON__1 23625	42.91 1.81 0.00	41.66 1.76 0.00	40.05 1.80 0.00	39.76 1.86 0.00	40.00 1.94 0.00	44.94 2.38 0.00	57.74 3.27 0.00	67.39 4.58 0.00	60.95 3.61 0.00	59.00 3.23 0.00	56.77 3.16 0.00	53.16 2.96 0.00	51.89 2.84 0.00	51.61 2.97 0.00	50.74 2.74 0.00	50.99 2.80 0.00	51.12 2.66 0.00	55.44 2.69 0.00	59.67 3.38 0.00	65.51 4.06 0.00	61.64 3.76 0.00	55.70 2.85 0.00	53.80 2.76 0.00	51.22 2.49 0.00
JENNISON__2 23626	42.91 1.81 0.00	41.66 1.76 0.00	40.05 1.80 0.00	39.76 1.86 0.00	40.00 1.94 0.00	44.94 2.38 0.00	57.74 3.27 0.00	67.39 4.58 0.00	60.95 3.61 0.00	59.00 3.23 0.00	56.77 3.16 0.00	53.16 2.96 0.00	51.89 2.84 0.00	51.61 2.97 0.00	50.74 2.74 0.00	50.99 2.80 0.00	51.12 2.66 0.00	55.44 2.69 0.00	59.67 3.38 0.00	65.51 4.06 0.00	61.64 3.76 0.00	55.70 2.85 0.00	53.80 2.76 0.00	51.22 2.49 0.00
JERICHO_RISE_WT_PWR 323719	41.23 0.12 0.00	40.06 0.16 0.00	38.52 0.27 0.00	38.20 0.30 0.00	38.29 0.23 0.00	42.86 0.30 0.00	54.69 0.22 0.00	62.18 -0.63 0.00	57.51 0.17 0.00	56.38 0.61 0.00	54.14 0.54 0.00	50.55 0.35 0.00	49.48 0.44 0.00	49.08 0.44 0.00	48.29 0.29 0.00	48.44 0.24 0.00	48.74 0.29 0.00	53.28 0.53 0.00	56.24 -0.06 0.00	61.33 -0.12 0.00	57.82 -0.06 0.00	53.27 0.42 0.00	51.45 0.41 0.00	49.12 0.39 0.00
KATONAH__115KV_46KV_TB4 355592	43.20 2.10 0.00	41.89 1.99 0.00	40.01 1.76 0.00	39.61 1.71 0.00	39.78 1.71 0.00	44.47 1.92 0.00	56.82 2.34 0.00	66.14 3.33 0.00	60.27 2.92 0.00	58.67 2.90 0.00	56.29 2.68 0.00	52.76 2.56 0.00	51.59 2.55 0.00	51.07 2.43 0.00	50.45 2.45 0.00	50.65 2.46 0.00	51.07 2.62 0.00	55.55 2.80 0.00	59.45 3.15 0.00	64.96 3.50 0.00	61.12 3.24 0.00	55.49 2.64 0.00	53.54 2.50 0.00	50.98 2.24 0.00
KCE_NY_1 323755	42.99 1.89 0.00	41.85 1.95 0.00	40.05 1.80 0.00	39.68 1.78 0.00	39.85 1.79 0.00	44.47 1.92 0.00	57.42 2.94 0.00	66.32 3.52 0.00	60.32 2.98 0.00	58.33 2.57 0.00	56.08 2.47 0.00	52.31 2.11 0.00	51.05 2.01 0.00	50.54 1.90 0.00	50.07 2.06 0.00	50.22 2.02 0.00	50.53 2.08 0.00	55.13 2.38 0.00	59.16 2.87 0.00	64.71 3.25 0.00	60.83 2.95 0.00	55.33 2.48 0.00	53.34 2.30 0.00	50.93 2.20 0.00
KCE_NY_6_ESR 323823	40.24 -0.87 0.00	38.90 -1.00 0.00	37.41 -0.84 0.00	37.33 -0.57 0.00	37.68 -0.38 0.00	42.05 -0.51 0.00	53.77 -0.71 0.00	62.74 -0.06 0.00	56.03 -1.32 0.00	53.93 -1.84 0.00	52.16 -1.44 0.00	49.45 -0.75 0.00	48.01 -1.03 0.00	47.67 -0.97 0.00	46.85 -1.15 0.00	47.04 -1.16 0.00	46.85 -1.60 0.00	50.80 -1.95 0.00	54.83 -1.46 0.00	59.98 -1.48 0.00	56.43 -1.44 0.00	50.68 -2.17 0.00	49.71 -1.33 0.00	47.17 -1.56 0.00
KEDC_PORT_JEFF_GT2 24210	44.11 3.00 -0.01	42.74 2.83 -0.01	40.54 2.29 0.00	40.10 2.20 0.00	40.08 2.02 0.00	45.20 2.64 0.00	55.95 1.47 0.00	65.51 2.70 0.00	59.01 1.66 0.00	57.27 1.51 0.00	54.79 1.18 0.00	51.50 1.30 0.00	50.46 1.42 0.00	49.95 1.31 0.00	49.59 1.58 0.00	49.64 1.44 0.00	50.73 2.28 0.00	56.02 3.27 0.00	60.02 3.71 -0.01	64.65 3.19 0.00	60.94 3.07 0.00	54.91 2.06 0.00	52.83 1.79 0.00	49.81 1.07 0.00
KEDC_PORT_JEFF_GT3 24211	44.11 3.00 -0.01	42.74 2.83 -0.01	40.54 2.29 0.00	40.10 2.20 0.00	40.08 2.02 0.00	45.20 2.64 0.00	55.95 1.47 0.00	65.51 2.70 0.00	59.01 1.66 0.00	57.27 1.51 0.00	54.79 1.18 0.00	51.50 1.30 0.00	50.46 1.42 0.00	49.95 1.31 0.00	49.59 1.58 0.00	49.64 1.44 0.00	50.73 2.28 0.00	56.02 3.27 0.00	60.02 3.71 -0.01	64.65 3.19 0.00	60.94 3.07 0.00	54.91 2.06 0.00	52.83 1.79 0.00	49.81 1.07 0.00
KEDC_GLWD_GT4 24219	43.75 2.63 -0.02	42.39 2.47 -0.02	40.39 2.14 0.00	39.95 2.05 0.00	40.04 1.98 0.00	44.90 2.34 0.00	56.71 2.23 0.00	66.07 3.26 0.00	60.21 2.87 0.00	58.55 2.79 0.00	56.18 2.57 0.00	52.81 2.61 0.00	51.68 2.65 0.00	51.17 2.53 0.00	50.64 2.64 0.00	50.75 2.55 0.00	51.41 2.96 0.00	55.97 3.22 0.00	59.74 3.43 -0.02	65.02 3.56 0.00	61.23 3.36 0.00	55.60 2.75 0.00	53.59 2.55 0.00	50.88 2.14 0.00
KEDC_GLWD_GT5 24220	43.75 2.63 -0.02	42.39 2.47 -0.02	40.39 2.14 0.00	39.95 2.05 0.00	40.04 1.98 0.00	44.90 2.34 0.00	56.71 2.23 0.00	66.07 3.26 0.00	60.21 2.87 0.00	58.55 2.79 0.00	56.18 2.57 0.00	52.81 2.61 0.00	51.68 2.65 0.00	51.17 2.53 0.00	50.64 2.64 0.00	50.75 2.55 0.00	51.41 2.96 0.00	55.97 3.22 0.00	59.74 3.43 -0.02	65.02 3.56 0.00	61.23 3.36 0.00	55.60 2.75 0.00	53.59 2.55 0.00	50.88 2.14 0.00

KENSICO____ 23655	43.16 2.06 0.00	41.85 1.96 0.00	39.97 1.72 0.00	39.53 1.63 0.00	39.70 1.64 0.00	44.39 1.83 0.00	56.66 2.18 0.00	66.01 3.20 0.00	60.15 2.81 0.00	58.50 2.73 0.00	56.13 2.52 0.00	52.71 2.51 0.00	51.49 2.45 0.00	51.02 2.38 0.00	50.40 2.40 0.00	50.61 2.41 0.00	51.02 2.57 0.00	55.44 2.69 0.00	59.33 3.04 0.00	64.84 3.38 0.00	61.06 3.18 0.00	55.33 2.48 0.00	53.44 2.40 0.00	50.93 2.19 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	42.99 1.89 0.00	41.69 1.80 0.00	39.89 1.64 0.00	39.42 1.52 0.00	39.59 1.52 0.00	44.30 1.74 0.00	56.66 2.18 0.00	66.01 3.20 0.00	60.04 2.70 0.00	58.22 2.45 0.00	55.75 2.14 0.00	52.26 2.06 0.00	51.10 2.06 0.00	50.59 1.95 0.00	49.92 1.92 0.00	50.22 2.02 0.00	50.68 2.23 0.00	55.13 2.37 0.00	59.00 2.70 0.00	64.59 3.13 0.00	60.77 2.89 0.00	55.12 2.27 0.00	53.24 2.19 0.00	50.78 2.05 0.00
KIAC_JFK_GT1 23816	42.70 1.60 0.01	41.41 1.52 0.01	39.50 1.26 0.01	39.07 1.17 0.01	39.20 1.14 0.01	43.96 1.40 0.00	56.00 1.53 0.00	65.57 2.76 0.00	60.09 2.75 0.00	58.56 2.79 0.00	56.13 2.52 0.00	52.71 2.51 0.00	51.49 2.45 0.00	51.02 2.38 0.00	50.40 2.40 0.00	50.65 2.46 0.00	51.07 2.62 0.00	55.44 2.69 0.00	59.22 2.93 0.00	64.77 3.32 0.00	61.06 3.18 0.00	55.28 2.43 0.00	53.24 2.19 0.00	50.68 1.95 0.00
KIAC_JFK_GT2 23817	42.70 1.60 0.01	41.41 1.52 0.01	39.50 1.26 0.01	39.07 1.17 0.01	39.20 1.14 0.01	43.96 1.40 0.00	56.00 1.53 0.00	65.57 2.76 0.00	60.09 2.75 0.00	58.56 2.79 0.00	56.13 2.52 0.00	52.71 2.51 0.00	51.49 2.45 0.00	51.02 2.38 0.00	50.40 2.40 0.00	50.65 2.46 0.00	51.07 2.62 0.00	55.44 2.69 0.00	59.22 2.93 0.00	64.77 3.32 0.00	61.06 3.18 0.00	55.28 2.43 0.00	53.24 2.19 0.00	50.68 1.95 0.00
KIAC_JFK____ 323774	42.70 1.60 0.01	41.33 1.43 0.01	39.50 1.26 0.01	39.07 1.18 0.01	39.20 1.14 0.01	43.96 1.40 0.00	56.00 1.52 0.00	65.57 2.76 0.00	60.09 2.75 0.00	58.55 2.79 0.00	56.18 2.57 0.00	52.66 2.46 0.00	51.50 2.45 0.00	50.97 2.33 0.00	50.40 2.40 0.00	50.65 2.46 0.00	51.07 2.61 0.00	55.39 2.64 0.00	59.33 3.04 0.00	64.77 3.32 0.00	61.12 3.24 0.00	55.33 2.48 0.00	53.23 2.19 0.00	50.63 1.90 0.00
KINTIGH____ 23543	39.83 -1.27 0.00	38.50 -1.40 0.00	37.18 -1.07 0.00	36.91 -0.99 0.00	37.23 -0.84 0.00	41.54 -1.02 0.00	53.01 -1.47 0.00	61.61 -1.19 0.00	55.39 -1.95 0.00	53.65 -2.12 0.00	51.89 -1.72 0.00	48.84 -1.36 0.00	47.57 -1.47 0.00	47.33 -1.31 0.00	46.56 -1.44 0.00	46.80 -1.40 0.00	46.71 -1.74 0.00	50.48 -2.27 0.00	54.38 -1.91 0.00	59.55 -1.91 0.00	56.02 -1.85 0.00	50.74 -2.11 0.00	49.31 -1.74 0.00	47.18 -1.56 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	41.88 0.78 0.00	40.66 0.76 0.00	39.17 0.92 0.00	38.81 0.91 0.00	38.90 0.84 0.00	43.62 1.06 0.00	55.67 1.20 0.00	63.25 0.44 0.00	58.66 1.32 0.00	57.50 1.73 0.00	55.16 1.55 0.00	51.40 1.20 0.00	50.37 1.32 0.00	49.90 1.26 0.00	49.11 1.10 0.00	49.26 1.06 0.00	49.57 1.11 0.00	54.28 1.53 0.00	57.36 1.07 0.00	62.38 0.92 0.00	58.86 0.98 0.00	54.12 1.27 0.00	52.27 1.22 0.00	49.86 1.12 0.00
LACHUTE____HYDRO 323717	44.10 3.00 0.00	43.09 3.19 0.00	41.27 3.02 0.00	40.89 2.99 0.00	41.03 2.97 0.00	45.88 3.32 0.00	59.65 5.18 0.00	68.65 5.84 0.00	62.39 5.05 0.00	59.95 4.18 0.00	57.63 4.02 0.00	53.56 3.36 0.00	52.18 3.14 0.00	51.51 2.87 0.00	51.36 3.36 0.00	51.38 3.18 0.00	51.75 3.30 0.00	56.71 3.96 0.00	61.08 4.78 0.00	67.05 5.59 0.00	62.79 4.92 0.00	57.08 4.23 0.00	54.92 3.88 0.00	52.49 3.75 0.00
LAWRNCALV_115KV_TB1 80681	40.32 -0.78 0.00	39.14 -0.76 0.00	37.64 -0.61 0.00	37.29 -0.61 0.00	37.34 -0.72 0.00	41.83 -0.72 0.00	53.06 -1.42 0.00	60.29 -2.51 0.00	55.68 -1.66 0.00	54.54 -1.23 0.00	52.48 -1.13 0.00	48.94 -1.25 0.00	47.82 -1.23 0.00	47.42 -1.22 0.00	46.76 -1.25 0.00	46.90 -1.30 0.00	47.19 -1.26 0.00	51.70 -1.06 0.00	54.72 -1.58 0.00	59.67 -1.78 0.00	56.31 -1.56 0.00	51.85 -1.00 0.00	50.07 -0.97 0.00	47.81 -0.93 0.00
LEDERLE____ 23769	42.99 1.89 0.00	41.66 1.76 0.00	39.86 1.61 0.00	39.42 1.52 0.00	39.59 1.52 0.00	44.26 1.70 0.00	56.38 1.91 0.00	65.76 2.95 0.00	59.87 2.52 0.00	58.16 2.40 0.00	55.81 2.20 0.00	52.41 2.21 0.00	51.25 2.21 0.00	50.73 2.09 0.00	50.12 2.11 0.00	50.32 2.12 0.00	50.73 2.28 0.00	55.07 2.32 0.00	59.00 2.70 0.00	64.53 3.07 0.00	60.71 2.84 0.00	55.02 2.17 0.00	53.18 2.14 0.00	50.73 2.00 0.00
LIGHTHSE_115KV_TB6 355974	40.40 -0.70 0.00	39.22 -0.68 0.00	37.64 -0.61 0.00	37.33 -0.57 0.00	37.49 -0.57 0.00	42.05 -0.51 0.00	53.99 -0.49 0.00	62.56 -0.25 0.00	56.71 -0.63 0.00	54.93 -0.84 0.00	52.80 -0.80 0.00	49.40 -0.80 0.00	48.21 -0.83 0.00	47.91 -0.73 0.00	47.28 -0.72 0.00	47.52 -0.67 0.00	47.72 -0.73 0.00	51.96 -0.79 0.00	55.79 -0.51 0.00	61.15 -0.31 0.00	57.65 -0.23 0.00	52.37 -0.48 0.00	50.53 -0.51 0.00	48.20 -0.54 0.00
LINDEN COGEN____ 23786	43.24 2.14 0.00	41.85 1.95 0.00	39.97 1.72 0.00	39.57 1.67 0.00	39.70 1.64 0.00	44.39 1.83 0.00	56.71 2.23 0.00	66.26 3.45 0.00	60.38 3.04 0.00	58.78 3.01 0.00	56.39 2.79 0.00	53.01 2.81 0.00	51.84 2.79 0.00	51.36 2.72 0.00	50.69 2.69 0.00	50.89 2.70 0.00	51.31 2.86 0.00	55.60 2.85 0.00	59.50 3.21 0.00	65.02 3.56 0.00	61.29 3.41 0.00	55.60 2.75 0.00	53.54 2.50 0.00	50.98 2.24 0.00
LINDHRST_69_KV_BK1 356055	44.24 3.12 -0.01	42.90 2.99 -0.01	40.70 2.45 0.00	40.25 2.35 0.00	40.27 2.21 0.00	45.41 2.85 0.00	56.33 1.85 0.00	65.95 3.14 0.00	59.64 2.29 0.00	57.94 2.17 0.00	55.54 1.93 0.00	52.26 2.06 0.00	51.00 1.96 0.00	50.54 1.90 0.00	50.16 2.16 0.00	50.32 2.12 0.00	51.16 2.71 0.00	56.29 3.53 0.00	60.19 3.88 -0.01	65.27 3.81 0.00	61.47 3.59 0.00	55.44 2.59 0.00	53.90 2.86 0.00	51.03 2.29 0.00
LIPA_MISC_IPP 23656	43.82 2.71 -0.01	42.54 2.63 -0.01	40.31 2.07 0.00	39.83 1.93 0.00	39.81 1.75 0.00	44.98 2.43 0.00	55.57 1.09 0.00	64.94 2.14 0.00	58.43 1.09 0.00	56.83 1.06 0.00	54.36 0.75 0.00	51.15 0.95 0.00	49.92 0.88 0.00	49.47 0.83 0.00	49.11 1.10 0.00	49.26 1.06 0.00	50.20 1.74 0.00	55.97 3.22 0.00	59.79 3.49 -0.01	64.34 2.89 0.00	60.54 2.66 0.00	54.65 1.80 0.00	53.08 2.04 0.00	50.05 1.32 0.00
LISF____SOLAR 323691	43.91 2.80 -0.01	42.58 2.67 -0.01	40.35 2.10 0.00	39.91 2.01 0.00	39.85 1.79 0.00	44.94 2.38 0.00	55.67 1.20 0.00	65.13 2.33 0.00	58.55 1.21 0.00	56.82 1.06 0.00	54.30 0.70 0.00	51.00 0.80 0.00	49.97 0.93 0.00	49.47 0.83 0.00	49.11 1.10 0.00	49.16 0.96 0.00	50.25 1.79 0.00	55.81 3.06 0.00	59.85 3.55 -0.01	64.28 2.83 0.00	60.54 2.66 0.00	54.54 1.69 0.00	52.52 1.48 0.00	49.42 0.68 0.00

MID___OSWEGATCHIE_HYD 23849	39.99 -1.11 0.00	38.82 -1.08 0.00	37.33 -0.92 0.00	36.99 -0.91 0.00	37.11 -0.95 0.00	41.62 -0.94 0.00	53.28 -1.20 0.00	61.05 -1.76 0.00	55.79 -1.55 0.00	54.32 -1.45 0.00	52.21 -1.39 0.00	48.69 -1.51 0.00	47.57 -1.47 0.00	47.33 -1.31 0.00	46.85 -1.15 0.00	46.99 -1.20 0.00	47.29 -1.16 0.00	51.75 -1.00 0.00	55.22 -1.07 0.00	60.41 -1.04 0.00	57.07 -0.81 0.00	52.16 -0.69 0.00	50.27 -0.77 0.00	47.91 -0.83 0.00
MID___RAQUETTE_HYD 23851	40.07 -1.03 0.00	38.90 -1.00 0.00	37.45 -0.80 0.00	37.07 -0.83 0.00	37.15 -0.91 0.00	41.62 -0.94 0.00	52.84 -1.63 0.00	59.98 -2.83 0.00	55.39 -1.95 0.00	54.26 -1.51 0.00	52.21 -1.39 0.00	48.69 -1.51 0.00	47.52 -1.52 0.00	47.18 -1.46 0.00	46.52 -1.49 0.00	46.61 -1.59 0.00	46.95 -1.50 0.00	51.43 -1.32 0.00	54.44 -1.86 0.00	59.37 -2.09 0.00	56.08 -1.79 0.00	51.63 -1.22 0.00	49.87 -1.17 0.00	47.57 -1.17 0.00
MILLIKEN___1 23584	41.76 0.66 0.00	40.62 0.72 0.00	38.98 0.73 0.00	38.70 0.80 0.00	38.90 0.84 0.00	43.58 1.02 0.00	55.84 1.36 0.00	65.01 2.20 0.00	58.78 1.43 0.00	56.88 1.12 0.00	54.73 1.13 0.00	51.25 1.05 0.00	50.02 0.98 0.00	49.61 0.97 0.00	48.92 0.91 0.00	49.21 1.01 0.00	49.37 0.92 0.00	53.65 0.90 0.00	57.70 1.41 0.00	63.12 1.66 0.00	59.50 1.62 0.00	53.96 1.11 0.00	52.11 1.07 0.00	49.71 0.97 0.00
MILLIKEN___2 23585	41.76 0.66 0.00	40.62 0.72 0.00	38.98 0.73 0.00	38.70 0.80 0.00	38.90 0.84 0.00	43.58 1.02 0.00	55.84 1.36 0.00	65.01 2.20 0.00	58.78 1.43 0.00	56.88 1.12 0.00	54.73 1.13 0.00	51.25 1.05 0.00	50.02 0.98 0.00	49.61 0.97 0.00	48.92 0.91 0.00	49.21 1.01 0.00	49.37 0.92 0.00	53.65 0.90 0.00	57.70 1.41 0.00	63.12 1.66 0.00	59.50 1.62 0.00	53.96 1.11 0.00	52.11 1.07 0.00	49.71 0.97 0.00
MILLIKEN___DIESEL 23629	41.76 0.66 0.00	40.62 0.72 0.00	38.98 0.73 0.00	38.70 0.80 0.00	38.90 0.84 0.00	43.58 1.02 0.00	55.84 1.36 0.00	65.01 2.20 0.00	58.78 1.43 0.00	56.88 1.12 0.00	54.73 1.13 0.00	51.25 1.05 0.00	50.02 0.98 0.00	49.61 0.97 0.00	48.92 0.91 0.00	49.21 1.01 0.00	49.37 0.92 0.00	53.65 0.90 0.00	57.70 1.41 0.00	63.12 1.66 0.00	59.50 1.62 0.00	53.96 1.11 0.00	52.11 1.07 0.00	49.71 0.97 0.00
MILLSEAT___LFGE 323607	40.16 -0.94 0.00	38.78 -1.12 0.00	37.33 -0.92 0.00	37.18 -0.72 0.00	37.53 -0.53 0.00	41.88 -0.68 0.00	53.60 -0.87 0.00	62.56 -0.25 0.00	55.97 -1.38 0.00	53.98 -1.79 0.00	52.21 -1.39 0.00	49.34 -0.85 0.00	47.82 -1.22 0.00	47.67 -0.97 0.00	46.90 -1.10 0.00	47.14 -1.06 0.00	46.95 -1.50 0.00	50.96 -1.79 0.00	54.94 -1.35 0.00	60.10 -1.35 0.00	56.55 -1.33 0.00	51.00 -1.85 0.00	49.82 -1.23 0.00	47.37 -1.36 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	42.99 1.89 0.00	41.69 1.80 0.00	39.82 1.57 0.00	39.42 1.52 0.00	39.59 1.52 0.00	44.26 1.70 0.00	56.44 1.96 0.00	65.76 2.95 0.00	59.92 2.58 0.00	58.22 2.45 0.00	55.86 2.25 0.00	52.46 2.26 0.00	51.30 2.26 0.00	50.78 2.14 0.00	50.16 2.16 0.00	50.37 2.17 0.00	50.78 2.33 0.00	55.18 2.43 0.00	59.05 2.76 0.00	64.59 3.13 0.00	60.77 2.89 0.00	55.12 2.27 0.00	53.24 2.19 0.00	50.73 2.00 0.00
MILLWOOD_13_KV_LOAD 356217	43.12 2.01 0.00	41.77 1.88 0.00	39.93 1.68 0.00	39.53 1.63 0.00	39.66 1.60 0.00	44.35 1.79 0.00	56.60 2.12 0.00	65.95 3.14 0.00	60.04 2.70 0.00	58.39 2.62 0.00	56.02 2.41 0.00	52.56 2.36 0.00	51.40 2.35 0.00	50.93 2.29 0.00	50.26 2.26 0.00	50.51 2.31 0.00	50.92 2.47 0.00	55.34 2.58 0.00	59.22 2.93 0.00	64.77 3.32 0.00	60.94 3.07 0.00	55.28 2.43 0.00	53.34 2.30 0.00	50.83 2.10 0.00
MODEL_CITY_ENERGY 24167	39.05 -2.05 0.00	37.74 -2.16 0.00	36.34 -1.91 0.00	36.16 -1.74 0.00	36.50 -1.56 0.00	40.73 -1.83 0.00	51.97 -2.51 0.00	60.42 -2.39 0.00	54.01 -3.33 0.00	52.14 -3.62 0.00	50.50 -3.11 0.00	47.79 -2.41 0.00	46.39 -2.65 0.00	46.16 -2.48 0.00	45.36 -2.64 0.00	45.64 -2.56 0.00	45.45 -3.00 0.00	49.27 -3.48 0.00	53.03 -3.27 0.00	58.02 -3.44 0.00	54.64 -3.24 0.00	49.25 -3.60 0.00	48.23 -2.81 0.00	45.96 -2.78 0.00
MODERN_LFGE___ 323580	39.05 -2.05 0.00	37.74 -2.16 0.00	36.34 -1.91 0.00	36.16 -1.74 0.00	36.50 -1.56 0.00	40.73 -1.83 0.00	51.97 -2.51 0.00	60.42 -2.39 0.00	54.01 -3.33 0.00	52.14 -3.62 0.00	50.50 -3.11 0.00	47.79 -2.41 0.00	46.39 -2.65 0.00	46.16 -2.48 0.00	45.36 -2.64 0.00	45.64 -2.56 0.00	45.45 -3.00 0.00	49.27 -3.48 0.00	53.03 -3.27 0.00	58.02 -3.44 0.00	54.64 -3.24 0.00	49.25 -3.60 0.00	48.23 -2.81 0.00	45.96 -2.78 0.00
MOHAWK_PAPER___DRP 24187	42.25 1.15 0.00	41.06 1.16 0.00	39.28 1.03 0.00	38.89 0.99 0.00	39.05 0.99 0.00	43.54 0.98 0.00	56.00 1.53 0.00	64.75 1.95 0.00	59.01 1.66 0.00	57.05 1.28 0.00	54.84 1.23 0.00	51.30 1.10 0.00	50.07 1.03 0.00	49.61 0.97 0.00	49.06 1.06 0.00	49.26 1.06 0.00	49.61 1.16 0.00	54.12 1.37 0.00	57.93 1.63 0.00	63.36 1.91 0.00	59.61 1.74 0.00	54.22 1.37 0.00	52.16 1.12 0.00	49.76 1.02 0.00
MOHICAN___35_KV_115KV_LD 80490	43.32 2.22 0.00	42.17 2.27 0.00	40.39 2.14 0.00	40.02 2.12 0.00	40.19 2.13 0.00	44.90 2.34 0.00	58.13 3.65 0.00	67.08 4.27 0.00	61.01 3.67 0.00	58.83 3.07 0.00	56.61 3.00 0.00	52.71 2.51 0.00	51.40 2.35 0.00	50.83 2.19 0.00	50.45 2.45 0.00	50.56 2.36 0.00	50.92 2.47 0.00	55.60 2.85 0.00	59.67 3.38 0.00	65.39 3.93 0.00	61.41 3.53 0.00	55.81 2.96 0.00	53.75 2.71 0.00	51.37 2.63 0.00
MONGAUP___HYD 23641	42.75 1.65 0.00	41.50 1.60 0.00	39.70 1.45 0.00	39.26 1.36 0.00	39.39 1.33 0.00	44.13 1.58 0.00	56.22 1.74 0.00	64.31 1.50 0.00	58.43 1.09 0.00	56.55 0.78 0.00	55.00 1.39 0.00	51.45 1.26 0.00	50.37 1.32 0.00	49.81 1.17 0.00	49.20 1.20 0.00	49.16 0.96 0.00	49.27 0.82 0.00	54.39 1.64 0.00	57.48 1.18 0.00	63.85 2.39 0.00	59.26 1.39 0.00	54.54 1.69 0.00	52.67 1.63 0.00	50.25 1.51 0.00
MONTAUK___DIESEL 23721	44.93 3.82 -0.01	43.66 3.75 -0.01	41.31 3.06 0.00	40.78 2.88 0.00	40.54 2.47 0.00	45.75 3.19 0.00	56.55 2.07 0.00	66.01 3.20 0.00	59.18 1.83 0.00	57.50 1.73 0.00	54.47 0.86 0.00	51.15 0.95 0.00	49.88 0.83 0.00	49.27 0.63 0.00	48.96 0.96 0.00	49.02 0.82 0.00	50.05 1.60 0.00	56.18 3.43 0.00	59.90 3.60 0.00	64.28 2.83 0.00	60.37 2.49 0.00	54.38 1.53 0.00	52.78 1.74 0.00	50.00 1.27 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	41.14 0.04 0.00	39.74 -0.16 0.00	38.29 0.04 0.00	38.36 0.45 0.00	38.82 0.76 0.00	43.37 0.81 0.00	55.73 1.25 0.00	65.38 2.58 0.00	58.26 0.92 0.00	55.82 0.06 0.00	53.88 0.27 0.00	50.95 0.75 0.00	49.58 0.54 0.00	49.13 0.49 0.00	48.24 0.24 0.00	48.53 0.34 0.00	48.26 -0.19 0.00	52.01 -0.74 0.00	56.57 0.28 0.00	62.07 0.61 0.00	58.34 0.46 0.00	52.27 -0.58 0.00	51.14 0.10 0.00	48.39 -0.34 0.00

NEG CENTRAL_HIGH_ACRES 23767	39.99 -1.11 0.00	38.78 -1.12 0.00	37.25 -0.99 0.00	36.99 -0.91 0.00	37.23 -0.84 0.00	41.66 -0.90 0.00	53.28 -1.20 0.00	62.12 -0.69 0.00	56.20 -1.15 0.00	54.49 -1.28 0.00	52.59 -1.02 0.00	49.45 -0.75 0.00	48.06 -0.98 0.00	47.91 -0.73 0.00	47.19 -0.82 0.00	47.33 -0.87 0.00	47.29 -1.16 0.00	51.33 -1.42 0.00	55.05 -1.24 0.00	60.10 -1.35 0.00	56.60 -1.27 0.00	51.27 -1.58 0.00	49.71 -1.33 0.00	47.42 -1.31 0.00
NEG CENTRAL___DRP 24199	41.10 0.00 0.00	39.94 0.04 0.00	38.36 0.11 0.00	38.09 0.19 0.00	38.37 0.30 0.00	42.98 0.43 0.00	54.91 0.44 0.00	64.00 1.19 0.00	57.86 0.52 0.00	55.99 0.22 0.00	53.88 0.27 0.00	50.65 0.45 0.00	49.38 0.34 0.00	49.03 0.39 0.00	48.29 0.29 0.00	48.53 0.34 0.00	48.65 0.19 0.00	52.80 0.05 0.00	56.63 0.34 0.00	61.95 0.49 0.00	58.34 0.46 0.00	53.01 0.16 0.00	51.24 0.20 0.00	48.88 0.15 0.00
NEG CENTRAL___INDECK 23768	41.39 0.29 0.00	40.18 0.28 0.00	38.59 0.34 0.00	38.39 0.49 0.00	38.71 0.65 0.00	43.41 0.85 0.00	55.67 1.20 0.00	64.94 2.14 0.00	58.14 0.80 0.00	55.93 0.17 0.00	53.77 0.16 0.00	50.55 0.35 0.00	49.09 0.05 0.00	48.79 0.15 0.00	48.00 0.00 0.00	48.44 0.24 0.00	48.60 0.15 0.00	53.07 0.32 0.00	57.53 1.24 0.00	63.12 1.66 0.00	59.50 1.62 0.00	53.64 0.79 0.00	52.06 1.02 0.00	49.51 0.78 0.00
NEG CENTRAL___SENECA 23627	41.23 0.12 0.00	40.06 0.16 0.00	38.52 0.27 0.00	38.24 0.34 0.00	38.52 0.46 0.00	43.20 0.64 0.00	55.08 0.60 0.00	64.31 1.51 0.00	57.97 0.63 0.00	56.10 0.33 0.00	53.98 0.38 0.00	50.80 0.60 0.00	49.53 0.49 0.00	49.18 0.54 0.00	48.44 0.43 0.00	48.73 0.53 0.00	48.79 0.34 0.00	52.96 0.21 0.00	56.80 0.51 0.00	62.19 0.74 0.00	58.57 0.69 0.00	53.17 0.32 0.00	51.45 0.41 0.00	49.08 0.34 0.00
NEG CENTRAL___STATE_STREET 24147	41.14 0.04 0.00	39.98 0.08 0.00	38.36 0.11 0.00	38.09 0.19 0.00	38.29 0.23 0.00	42.90 0.34 0.00	54.97 0.49 0.00	63.94 1.13 0.00	57.97 0.63 0.00	56.16 0.39 0.00	54.09 0.48 0.00	50.70 0.50 0.00	49.48 0.44 0.00	49.13 0.49 0.00	48.39 0.38 0.00	48.63 0.43 0.00	48.74 0.29 0.00	52.91 0.16 0.00	56.80 0.51 0.00	62.13 0.68 0.00	58.51 0.64 0.00	53.11 0.26 0.00	51.35 0.31 0.00	48.93 0.19 0.00
NEG MILLWOOD___DRP 24198	43.24 2.14 0.00	41.97 2.07 0.00	40.12 1.87 0.00	39.68 1.78 0.00	39.85 1.79 0.00	44.56 2.00 0.00	57.04 2.56 0.00	66.32 3.52 0.00	60.44 3.10 0.00	58.78 3.01 0.00	56.45 2.84 0.00	52.81 2.61 0.00	51.69 2.65 0.00	51.17 2.53 0.00	50.50 2.50 0.00	50.75 2.55 0.00	51.12 2.66 0.00	55.65 2.90 0.00	59.56 3.26 0.00	65.08 3.63 0.00	61.18 3.30 0.00	55.55 2.70 0.00	53.59 2.55 0.00	51.07 2.34 0.00
NEG NORTH_FLCN_SEA 23793	41.72 0.62 0.00	40.50 0.60 0.00	38.98 0.73 0.00	38.62 0.72 0.00	38.75 0.69 0.00	43.37 0.81 0.00	55.35 0.87 0.00	62.93 0.13 0.00	58.26 0.92 0.00	57.11 1.34 0.00	54.79 1.18 0.00	51.10 0.90 0.00	50.07 1.03 0.00	49.66 1.02 0.00	48.87 0.86 0.00	49.02 0.82 0.00	49.28 0.82 0.00	53.91 1.16 0.00	57.02 0.73 0.00	62.19 0.74 0.00	58.63 0.75 0.00	53.96 1.11 0.00	52.11 1.07 0.00	49.76 1.02 0.00
NEG NORTH_KES_CHATEGAY 23792	41.23 0.12 0.00	40.06 0.16 0.00	38.52 0.27 0.00	38.20 0.30 0.00	38.29 0.23 0.00	42.86 0.30 0.00	54.69 0.22 0.00	62.18 -0.63 0.00	57.51 0.17 0.00	56.38 0.61 0.00	54.14 0.54 0.00	50.55 0.35 0.00	49.48 0.44 0.00	49.08 0.44 0.00	48.29 0.29 0.00	48.44 0.24 0.00	48.74 0.29 0.00	53.28 0.53 0.00	56.29 0.00 0.00	61.52 0.06 0.00	57.99 0.12 0.00	53.38 0.53 0.00	51.55 0.51 0.00	49.27 0.54 0.00
NEG NORTH___ALICE_FALLS 23915	41.88 0.78 0.00	40.66 0.76 0.00	39.17 0.92 0.00	38.81 0.91 0.00	38.90 0.84 0.00	43.62 1.06 0.00	55.67 1.20 0.00	63.25 0.44 0.00	58.66 1.32 0.00	57.50 1.73 0.00	55.16 1.55 0.00	51.40 1.20 0.00	50.37 1.32 0.00	49.90 1.26 0.00	49.11 1.10 0.00	49.26 1.06 0.00	49.57 1.11 0.00	54.28 1.53 0.00	57.36 1.07 0.00	62.38 0.92 0.00	58.86 0.98 0.00	54.12 1.27 0.00	52.27 1.22 0.00	49.86 1.12 0.00
NEG NORTH___LWR_SARANAC 23913	41.88 0.78 0.00	40.66 0.76 0.00	39.17 0.92 0.00	38.81 0.91 0.00	38.90 0.84 0.00	43.62 1.06 0.00	55.67 1.20 0.00	63.25 0.44 0.00	58.66 1.32 0.00	57.50 1.73 0.00	55.16 1.55 0.00	51.40 1.20 0.00	50.37 1.32 0.00	49.90 1.26 0.00	49.11 1.10 0.00	49.26 1.06 0.00	49.57 1.11 0.00	54.28 1.53 0.00	57.36 1.07 0.00	62.38 0.92 0.00	58.86 0.98 0.00	54.12 1.27 0.00	52.27 1.22 0.00	49.86 1.12 0.00
NEG NORTH___PLATTSBURG 23628	41.88 0.78 0.00	40.66 0.76 0.00	39.17 0.92 0.00	38.81 0.91 0.00	38.90 0.84 0.00	43.62 1.06 0.00	55.67 1.20 0.00	63.25 0.44 0.00	58.66 1.32 0.00	57.50 1.73 0.00	55.16 1.56 0.00	51.40 1.20 0.00	50.37 1.32 0.00	49.90 1.26 0.00	49.11 1.10 0.00	49.26 1.06 0.00	49.57 1.12 0.00	54.28 1.53 0.00	57.36 1.07 0.00	62.38 0.92 0.00	58.86 0.98 0.00	54.12 1.27 0.00	52.26 1.22 0.00	49.86 1.12 0.00
NEG WEST_LEA_LOCKPORT 23791	39.33 -1.77 0.00	37.98 -1.92 0.00	36.68 -1.57 0.00	36.54 -1.36 0.00	36.85 -1.22 0.00	41.07 -1.49 0.00	52.51 -1.96 0.00	61.11 -1.70 0.00	54.65 -2.70 0.00	52.70 -3.07 0.00	51.09 -2.52 0.00	48.19 -2.01 0.00	46.88 -2.16 0.00	46.60 -2.04 0.00	45.84 -2.16 0.00	46.17 -2.02 0.00	45.98 -2.47 0.00	49.53 -3.22 0.00	53.53 -2.76 0.00	58.75 -2.70 0.00	55.27 -2.60 0.00	49.94 -2.91 0.00	48.79 -2.25 0.00	46.49 -2.24 0.00
NEG WEST___LANCASTR 23811	39.99 -1.11 0.00	38.58 -1.32 0.00	37.25 -0.99 0.00	37.18 -0.72 0.00	37.57 -0.49 0.00	41.88 -0.68 0.00	53.50 -0.98 0.00	62.68 -0.13 0.00	55.85 -1.49 0.00	53.76 -2.01 0.00	51.84 -1.77 0.00	48.99 -1.20 0.00	47.72 -1.32 0.00	47.33 -1.31 0.00	46.56 -1.44 0.00	46.80 -1.40 0.00	46.66 -1.79 0.00	50.32 -2.43 0.00	54.66 -1.63 0.00	60.04 -1.41 0.00	56.37 -1.50 0.00	50.68 -2.17 0.00	49.46 -1.58 0.00	46.98 -1.75 0.00
NEG_PENN_ALLEGHNY 23528	41.35 0.25 0.00	40.18 0.28 0.00	38.55 0.30 0.00	38.24 0.34 0.00	38.48 0.42 0.00	43.07 0.51 0.00	55.08 0.60 0.00	64.06 1.26 0.00	57.92 0.57 0.00	56.10 0.34 0.00	54.04 0.43 0.00	50.70 0.50 0.00	49.48 0.44 0.00	49.08 0.44 0.00	48.34 0.34 0.00	48.58 0.38 0.00	48.74 0.29 0.00	52.96 0.21 0.00	56.91 0.62 0.00	62.25 0.80 0.00	58.57 0.70 0.00	53.01 0.16 0.00	51.35 0.31 0.00	48.98 0.24 0.00
NEG___GEN_MONROE 24207	40.61 -0.49 0.00	39.30 -0.60 0.00	37.90 -0.34 0.00	37.63 -0.27 0.00	37.91 -0.15 0.00	42.43 -0.13 0.00	54.31 -0.16 0.00	63.12 0.31 0.00	56.83 -0.52 0.00	54.99 -0.78 0.00	53.02 -0.59 0.00	49.85 -0.35 0.00	48.36 -0.69 0.00	48.06 -0.58 0.00	47.28 -0.72 0.00	47.43 -0.77 0.00	47.34 -1.11 0.00	51.33 -1.42 0.00	55.34 -0.96 0.00	60.60 -0.86 0.00	57.01 -0.87 0.00	51.69 -1.16 0.00	50.07 -0.97 0.00	47.81 -0.93 0.00

NEPA__ENERGY 23901	40.57 -0.53 0.00	39.18 -0.72 0.00	37.83 -0.42 0.00	37.75 -0.15 0.00	38.14 0.08 0.00	42.56 0.00 0.00	54.31 -0.16 0.00	63.50 0.69 0.00	56.54 -0.80 0.00	54.43 -1.34 0.00	52.43 -1.18 0.00	49.55 -0.65 0.00	48.31 -0.74 0.00	47.86 -0.78 0.00	47.09 -0.91 0.00	47.33 -0.87 0.00	47.24 -1.21 0.00	50.96 -1.79 0.00	55.45 -0.84 0.00	60.90 -0.55 0.00	57.18 -0.69 0.00	51.32 -1.53 0.00	50.07 -0.97 0.00	47.66 -1.07 0.00
NEVERSink__HYD 23608	43.28 2.18 0.00	42.01 2.11 0.00	40.27 2.03 0.00	39.76 1.86 0.00	39.93 1.86 0.00	44.68 2.13 0.00	57.20 2.72 0.00	66.51 3.70 0.00	60.61 3.27 0.00	58.78 3.01 0.00	56.39 2.79 0.00	52.76 2.56 0.00	51.35 2.31 0.00	50.64 2.00 0.00	49.93 1.92 0.00	50.22 2.02 0.00	50.63 2.18 0.00	55.02 2.27 0.00	58.99 2.70 0.00	64.59 3.13 0.00	60.77 2.89 0.00	55.12 2.27 0.00	53.23 2.19 0.00	50.78 2.05 0.00
NEWKRMKL_115KV_TB1 55635	41.84 0.74 0.00	40.66 0.76 0.00	38.90 0.65 0.00	38.51 0.61 0.00	38.67 0.61 0.00	43.07 0.51 0.00	55.35 0.87 0.00	63.94 1.13 0.00	58.32 0.97 0.00	56.44 0.67 0.00	54.25 0.64 0.00	50.75 0.55 0.00	49.58 0.54 0.00	49.13 0.49 0.00	48.58 0.58 0.00	48.77 0.58 0.00	49.08 0.63 0.00	53.54 0.79 0.00	57.25 0.96 0.00	62.56 1.11 0.00	58.92 1.04 0.00	53.59 0.74 0.00	51.60 0.56 0.00	49.22 0.49 0.00
NEWTON__FALLS_HYD 23847	39.99 -1.11 0.00	38.82 -1.08 0.00	37.33 -0.92 0.00	36.99 -0.91 0.00	37.11 -0.95 0.00	41.62 -0.94 0.00	53.28 -1.20 0.00	61.05 -1.76 0.00	55.79 -1.55 0.00	54.32 -1.45 0.00	52.21 -1.39 0.00	48.69 -1.51 0.00	47.57 -1.47 0.00	47.33 -1.31 0.00	46.85 -1.15 0.00	46.99 -1.20 0.00	47.29 -1.16 0.00	51.75 -1.00 0.00	55.22 -1.07 0.00	60.41 -1.04 0.00	57.07 -0.81 0.00	52.16 -0.69 0.00	50.27 -0.77 0.00	47.91 -0.83 0.00
NGRID_A1_DSASP 323792	38.96 -2.14 0.00	37.71 -2.19 0.00	36.30 -1.95 0.00	36.12 -1.78 0.00	36.47 -1.60 0.00	40.64 -1.91 0.00	51.81 -2.67 0.00	60.11 -2.70 0.00	53.79 -3.56 0.00	51.92 -3.85 0.00	50.39 -3.22 0.00	47.69 -2.51 0.00	46.30 -2.75 0.00	46.01 -2.63 0.00	45.27 -2.73 0.00	45.50 -2.70 0.00	45.30 -3.15 0.00	49.11 -3.64 0.00	52.80 -3.49 0.00	57.77 -3.69 0.00	54.41 -3.47 0.00	49.10 -3.75 0.00	48.08 -2.96 0.00	45.81 -2.92 0.00
NGRID_A2_DSASP 323793	38.96 -2.14 0.00	37.71 -2.19 0.00	36.30 -1.95 0.00	36.12 -1.78 0.00	36.47 -1.60 0.00	40.64 -1.91 0.00	51.81 -2.67 0.00	60.11 -2.70 0.00	53.79 -3.56 0.00	51.92 -3.85 0.00	50.39 -3.22 0.00	47.69 -2.51 0.00	46.30 -2.75 0.00	46.01 -2.63 0.00	45.27 -2.73 0.00	45.50 -2.70 0.00	45.30 -3.15 0.00	49.11 -3.64 0.00	52.80 -3.49 0.00	57.77 -3.69 0.00	54.41 -3.47 0.00	49.10 -3.75 0.00	48.08 -2.96 0.00	45.81 -2.92 0.00
NGRID_A4_DSASP 323807	38.96 -2.14 0.00	37.71 -2.19 0.00	36.30 -1.95 0.00	36.12 -1.78 0.00	36.47 -1.60 0.00	40.64 -1.91 0.00	51.81 -2.67 0.00	60.11 -2.70 0.00	53.79 -3.56 0.00	51.92 -3.85 0.00	50.39 -3.22 0.00	47.69 -2.51 0.00	46.30 -2.75 0.00	46.01 -2.63 0.00	45.27 -2.73 0.00	45.50 -2.70 0.00	45.30 -3.15 0.00	49.11 -3.64 0.00	52.80 -3.49 0.00	57.77 -3.69 0.00	54.41 -3.47 0.00	49.10 -3.75 0.00	48.08 -2.96 0.00	45.81 -2.92 0.00
NIAGARA_115E_LBMP 323715	38.80 -2.30 0.00	37.51 -2.39 0.00	36.15 -2.10 0.00	35.97 -1.93 0.00	36.31 -1.75 0.00	40.47 -2.08 0.00	51.64 -2.84 0.00	59.98 -2.83 0.00	53.62 -3.73 0.00	51.75 -4.02 0.00	50.18 -3.43 0.00	47.49 -2.71 0.00	46.10 -2.94 0.00	45.87 -2.77 0.00	45.07 -2.93 0.00	45.35 -2.84 0.00	45.16 -3.30 0.00	48.95 -3.80 0.00	52.63 -3.66 0.00	57.65 -3.81 0.00	54.29 -3.59 0.00	48.94 -3.91 0.00	47.93 -3.12 0.00	45.67 -3.07 0.00
NIAGARA_115W_LBMP 323714	38.84 -2.26 0.00	37.55 -2.35 0.00	36.18 -2.07 0.00	36.01 -1.89 0.00	36.35 -1.71 0.00	40.52 -2.04 0.00	51.59 -2.89 0.00	59.92 -2.89 0.00	53.62 -3.73 0.00	51.75 -4.02 0.00	50.18 -3.43 0.00	47.49 -2.71 0.00	46.15 -2.89 0.00	45.87 -2.77 0.00	45.12 -2.88 0.00	45.35 -2.84 0.00	45.16 -3.30 0.00	48.95 -3.80 0.00	52.63 -3.66 0.00	57.59 -3.87 0.00	54.23 -3.64 0.00	48.94 -3.91 0.00	47.93 -3.12 0.00	45.67 -3.07 0.00
NIAGARA_230_LBMP 323716	39.21 -1.89 0.00	37.91 -1.99 0.00	36.53 -1.72 0.00	36.34 -1.56 0.00	36.66 -1.41 0.00	40.90 -1.66 0.00	52.08 -2.40 0.00	60.48 -2.32 0.00	54.13 -3.21 0.00	52.31 -3.46 0.00	50.66 -2.95 0.00	47.94 -2.26 0.00	46.59 -2.45 0.00	46.31 -2.33 0.00	45.56 -2.45 0.00	45.79 -2.41 0.00	45.64 -2.81 0.00	49.43 -3.32 0.00	53.14 -3.15 0.00	58.20 -3.26 0.00	54.81 -3.07 0.00	49.42 -3.43 0.00	48.38 -2.66 0.00	46.15 -2.58 0.00
NIAGARA__115KV_198_GIBSON 55903	38.76 -2.34 0.00	37.43 -2.47 0.00	36.18 -2.07 0.00	36.01 -1.90 0.00	36.31 -1.75 0.00	40.47 -2.09 0.00	51.59 -2.89 0.00	59.92 -2.89 0.00	53.56 -3.78 0.00	51.75 -4.02 0.00	50.18 -3.43 0.00	47.39 -2.81 0.00	46.15 -2.89 0.00	45.82 -2.82 0.00	45.12 -2.88 0.00	45.35 -2.84 0.00	45.16 -3.29 0.00	48.64 -4.11 0.00	52.52 -3.77 0.00	57.58 -3.87 0.00	54.17 -3.70 0.00	48.99 -3.86 0.00	47.88 -3.16 0.00	45.71 -3.02 0.00
NIAGARA____ 23760	39.21 -1.89 0.00	37.91 -1.99 0.00	36.53 -1.72 0.00	36.34 -1.56 0.00	36.66 -1.41 0.00	40.90 -1.66 0.00	52.08 -2.40 0.00	60.48 -2.32 0.00	54.13 -3.21 0.00	52.31 -3.46 0.00	50.66 -2.95 0.00	47.94 -2.26 0.00	46.59 -2.45 0.00	46.31 -2.33 0.00	45.56 -2.45 0.00	45.79 -2.41 0.00	45.64 -2.81 0.00	49.43 -3.32 0.00	53.14 -3.15 0.00	58.20 -3.26 0.00	54.81 -3.07 0.00	49.42 -3.43 0.00	48.38 -2.66 0.00	46.15 -2.58 0.00
NINE_MILE_1 23575	40.11 -0.99 0.00	38.94 -0.96 0.00	37.33 -0.92 0.00	37.03 -0.87 0.00	37.19 -0.87 0.00	41.62 -0.94 0.00	53.28 -1.20 0.00	61.68 -1.13 0.00	56.14 -1.21 0.00	54.49 -1.28 0.00	52.43 -1.18 0.00	49.14 -1.06 0.00	47.96 -1.08 0.00	47.62 -1.02 0.00	46.95 -1.06 0.00	47.14 -1.06 0.00	47.34 -1.11 0.00	51.48 -1.27 0.00	55.05 -1.24 0.00	60.16 -1.29 0.00	56.66 -1.22 0.00	51.58 -1.27 0.00	49.87 -1.17 0.00	47.66 -1.07 0.00
NINE_MILE_2 23744	40.11 -0.99 0.00	38.94 -0.96 0.00	37.33 -0.92 0.00	37.03 -0.87 0.00	37.19 -0.87 0.00	41.62 -0.94 0.00	53.28 -1.20 0.00	61.68 -1.13 0.00	56.14 -1.21 0.00	54.49 -1.28 0.00	52.43 -1.18 0.00	49.14 -1.06 0.00	47.96 -1.08 0.00	47.62 -1.02 0.00	46.95 -1.06 0.00	47.18 -1.01 0.00	47.34 -1.11 0.00	51.48 -1.27 0.00	55.05 -1.24 0.00	60.16 -1.29 0.00	56.66 -1.22 0.00	51.58 -1.27 0.00	49.87 -1.17 0.00	47.66 -1.07 0.00
NM_CAPITAL__DRP 24208	42.01 0.90 0.00	40.78 0.88 0.00	39.01 0.76 0.00	38.62 0.72 0.00	38.79 0.72 0.00	43.24 0.68 0.00	55.57 1.09 0.00	64.19 1.38 0.00	58.55 1.20 0.00	56.66 0.89 0.00	54.41 0.80 0.00	50.90 0.70 0.00	49.73 0.69 0.00	49.27 0.63 0.00	48.72 0.72 0.00	48.92 0.78 0.00	49.23 0.78 0.00	53.70 0.95 0.00	57.48 1.18 0.00	62.81 1.35 0.00	59.09 1.22 0.00	53.80 0.95 0.00	51.81 0.77 0.00	49.37 0.63 0.00

NM_CENTRAL___DRP 24181	40.81 -0.29 0.00	39.66 -0.24 0.00	38.06 -0.19 0.00	37.75 -0.15 0.00	37.91 -0.15 0.00	42.43 -0.13 0.00	54.37 -0.11 0.00	63.12 0.31 0.00	57.34 0.00 0.00	55.66 -0.11 0.00	53.61 0.00 0.00	50.25 0.05 0.00	49.04 0.00 0.00	48.69 0.05 0.00	48.00 0.00 0.00	48.20 0.00 0.00	48.31 -0.15 0.00	52.49 -0.26 0.00	56.24 -0.06 0.00	61.46 0.00 0.00	57.88 0.00 0.00	52.59 -0.26 0.00	50.84 -0.20 0.00	48.54 -0.19 0.00
NM_FRONTIER___DRP 24179	38.76 -2.34 0.00	37.43 -2.47 0.00	36.18 -2.07 0.00	36.01 -1.90 0.00	36.31 -1.75 0.00	40.47 -2.09 0.00	51.59 -2.89 0.00	59.92 -2.89 0.00	53.56 -3.78 0.00	51.75 -4.02 0.00	50.18 -3.43 0.00	47.39 -2.81 0.00	46.15 -2.89 0.00	45.82 -2.82 0.00	45.12 -2.88 0.00	45.35 -2.84 0.00	45.16 -3.29 0.00	48.64 -4.11 0.00	52.52 -3.77 0.00	57.58 -3.87 0.00	54.17 -3.70 0.00	48.99 -3.86 0.00	47.88 -3.16 0.00	45.71 -3.02 0.00
NM_ST_REGIS___HYD 24053	40.40 -0.70 0.00	39.22 -0.68 0.00	37.75 -0.50 0.00	37.41 -0.49 0.00	37.49 -0.57 0.00	42.00 -0.55 0.00	53.39 -1.09 0.00	60.55 -2.26 0.00	56.02 -1.32 0.00	54.93 -0.84 0.00	52.80 -0.80 0.00	49.24 -0.95 0.00	48.11 -0.93 0.00	47.72 -0.92 0.00	47.00 -1.01 0.00	47.14 -1.06 0.00	47.43 -1.02 0.00	51.96 -0.79 0.00	55.00 -1.29 0.00	59.98 -1.47 0.00	56.66 -1.22 0.00	52.16 -0.69 0.00	50.38 -0.66 0.00	48.05 -0.68 0.00
NORTHPORT___1 23551	43.66 2.55 -0.01	42.30 2.39 -0.01	40.20 1.95 0.00	39.76 1.86 0.00	39.78 1.71 0.00	44.73 2.17 0.00	55.35 0.87 0.00	64.76 1.95 0.00	58.49 1.15 0.00	56.66 0.89 0.00	54.20 0.59 0.00	50.95 0.75 0.00	49.92 0.88 0.00	49.47 0.83 0.00	49.01 1.01 0.00	49.11 0.91 0.00	50.05 1.60 0.00	55.07 2.32 0.00	58.95 2.65 -0.01	63.66 2.21 0.00	60.13 2.25 0.00	54.28 1.43 0.00	52.11 1.07 0.00	49.37 0.63 0.00
NORTHPORT___2 23552	43.66 2.55 -0.01	42.30 2.39 -0.01	40.20 1.95 0.00	39.76 1.86 0.00	39.78 1.71 0.00	44.73 2.17 0.00	55.35 0.87 0.00	64.76 1.95 0.00	58.49 1.15 0.00	56.66 0.89 0.00	54.20 0.59 0.00	50.95 0.75 0.00	49.92 0.88 0.00	49.47 0.83 0.00	49.01 1.01 0.00	49.11 0.91 0.00	50.05 1.60 0.00	55.07 2.32 0.00	58.95 2.65 -0.01	63.66 2.21 0.00	60.13 2.25 0.00	54.28 1.43 0.00	52.11 1.07 0.00	49.37 0.63 0.00
NORTHPORT___3 23553	43.74 2.63 -0.01	42.38 2.47 -0.01	40.27 2.03 0.00	39.87 1.97 0.00	39.85 1.79 0.00	44.85 2.30 0.00	55.29 0.82 0.00	64.69 1.88 0.00	58.55 1.21 0.00	56.82 1.06 0.00	54.46 0.86 0.00	51.25 1.06 0.00	50.26 1.23 0.00	49.76 1.12 0.00	49.30 1.30 0.00	49.35 1.15 0.00	50.19 1.74 0.00	54.97 2.22 0.00	58.89 2.59 -0.01	63.79 2.33 0.00	60.08 2.20 0.00	54.28 1.43 0.00	52.22 1.17 0.00	49.66 0.92 0.00
NORTHPORT___4 23650	43.74 2.63 -0.01	42.38 2.47 -0.01	40.27 2.03 0.00	39.87 1.97 0.00	39.85 1.79 0.00	44.85 2.30 0.00	55.29 0.82 0.00	64.69 1.88 0.00	58.55 1.21 0.00	56.82 1.06 0.00	54.46 0.86 0.00	51.25 1.06 0.00	50.26 1.23 0.00	49.76 1.12 0.00	49.30 1.30 0.00	49.35 1.15 0.00	50.19 1.74 0.00	54.97 2.22 0.00	58.89 2.59 -0.01	63.79 2.33 0.00	60.08 2.20 0.00	54.28 1.43 0.00	52.22 1.17 0.00	49.66 0.92 0.00
NORTHPORT___IC 23718	43.70 2.59 -0.01	42.34 2.43 -0.01	40.20 1.95 0.00	39.76 1.86 0.00	39.78 1.71 0.00	44.86 2.30 0.00	55.35 0.87 0.00	64.75 1.95 0.00	58.49 1.15 0.00	56.77 1.00 0.00	54.41 0.80 0.00	51.20 1.00 0.00	49.92 0.88 0.00	49.47 0.83 0.00	49.11 1.10 0.00	49.21 1.01 0.00	50.05 1.60 0.00	55.28 2.53 0.00	59.06 2.76 -0.01	63.91 2.46 0.00	60.19 2.32 0.00	54.33 1.48 0.00	53.03 1.99 0.00	50.25 1.51 0.00
NORTH___COUNTRY_ESR 323785	41.23 0.12 0.00	40.06 0.16 0.00	38.52 0.27 0.00	38.20 0.30 0.00	38.29 0.23 0.00	42.86 0.30 0.00	54.69 0.22 0.00	62.18 -0.63 0.00	57.51 0.17 0.00	56.38 0.61 0.00	54.14 0.54 0.00	50.55 0.35 0.00	49.48 0.44 0.00	49.08 0.44 0.00	48.29 0.29 0.00	48.44 0.24 0.00	48.74 0.29 0.00	53.28 0.53 0.00	56.24 -0.06 0.00	61.33 -0.12 0.00	57.82 -0.06 0.00	53.27 0.42 0.00	51.45 0.41 0.00	49.12 0.39 0.00
NPX_GEN_1385_PROXY 323591	43.37 2.26 -0.01	42.02 2.11 -0.01	39.93 1.68 0.00	39.49 1.59 0.00	39.47 1.41 0.00	44.26 1.70 0.00	55.35 0.87 0.00	66.02 1.95 -1.26	57.33 1.15 1.16	56.11 0.44 0.10	53.24 -0.37 0.00	49.85 -0.35 0.00	48.79 -0.24 0.00	47.87 -0.29 0.48	47.91 -0.10 0.00	48.00 -0.19 0.00	49.18 0.73 0.00	54.81 2.06 0.00	58.67 2.36 -0.01	62.75 1.29 0.00	59.85 1.97 0.00	54.53 1.22 -0.47	50.93 0.36 0.47	44.26 -0.49 3.99
NPX_GEN_CSC 323557	43.74 2.63 -0.01	42.42 2.52 -0.01	40.20 1.95 0.00	39.76 1.86 0.00	39.66 1.60 0.00	44.77 2.21 0.00	55.40 0.93 0.00	66.14 2.07 -1.26	56.99 0.80 1.16	56.34 0.67 0.10	53.93 0.32 0.00	50.65 0.45 0.00	49.63 0.59 0.00	49.13 0.49 0.00	48.72 0.72 0.00	48.78 0.58 0.00	49.90 1.45 0.00	55.86 3.11 0.00	59.85 3.55 -0.01	63.98 2.52 0.00	60.25 2.37 0.00	54.80 1.48 -0.47	51.80 1.22 0.47	49.08 0.34 0.00
NSINS_S___GLNS_FALLS 23858	43.36 2.26 0.00	42.25 2.35 0.00	40.43 2.18 0.00	40.06 2.16 0.00	40.23 2.17 0.00	44.94 2.38 0.00	58.18 3.70 0.00	67.14 4.33 0.00	61.13 3.78 0.00	58.95 3.18 0.00	56.66 3.06 0.00	52.81 2.61 0.00	51.49 2.45 0.00	50.93 2.29 0.00	50.55 2.54 0.00	50.65 2.46 0.00	50.97 2.52 0.00	55.65 2.90 0.00	59.73 3.43 0.00	65.45 3.99 0.00	61.47 3.59 0.00	55.86 3.01 0.00	53.80 2.76 0.00	51.42 2.68 0.00
NUCOR_STEEL___DRP 24197	41.27 0.16 0.00	40.14 0.24 0.00	38.52 0.27 0.00	38.20 0.30 0.00	38.41 0.34 0.00	42.98 0.43 0.00	55.08 0.60 0.00	64.06 1.26 0.00	58.09 0.75 0.00	56.27 0.50 0.00	54.20 0.59 0.00	50.80 0.60 0.00	49.58 0.54 0.00	49.22 0.58 0.00	48.48 0.48 0.00	48.68 0.48 0.00	48.79 0.34 0.00	53.02 0.26 0.00	56.86 0.56 0.00	62.13 0.68 0.00	58.57 0.69 0.00	53.22 0.37 0.00	51.45 0.41 0.00	49.08 0.34 0.00
NUMBER_THREE_WT_PWR 323818	40.57 -0.54 0.00	39.34 -0.56 0.00	37.83 -0.42 0.00	37.48 -0.42 0.00	37.65 -0.42 0.00	42.26 -0.30 0.00	54.48 0.00 0.00	62.93 0.13 0.00	57.00 -0.34 0.00	55.26 -0.50 0.00	53.07 -0.54 0.00	49.50 -0.70 0.00	48.46 -0.59 0.00	48.30 -0.34 0.00	48.10 0.10 0.00	48.29 0.10 0.00	48.60 0.15 0.00	53.07 0.32 0.00	56.97 0.68 0.00	62.50 1.04 0.00	58.97 1.10 0.00	53.59 0.74 0.00	51.60 0.56 0.00	49.12 0.39 0.00
NYISO_LBMP_REFERENCE 24008	41.10 0.00 0.00	39.90 0.00 0.00	38.25 0.00 0.00	37.90 0.00 0.00	38.06 0.00 0.00	42.56 0.00 0.00	54.48 0.00 0.00	62.81 0.00 0.00	57.34 0.00 0.00	55.77 0.00 0.00	53.61 0.00 0.00	50.20 0.00 0.00	49.04 0.00 0.00	48.64 0.00 0.00	48.00 0.00 0.00	48.20 0.00 0.00	48.45 0.00 0.00	52.75 0.00 0.00	56.29 0.00 0.00	61.46 0.00 0.00	57.88 0.00 0.00	52.85 0.00 0.00	51.04 0.00 0.00	48.74 0.00 0.00

NYPA_BRENTWD____GT 24164	44.19 3.08 -0.01	42.82 2.91 -0.01	40.66 2.41 0.00	40.21 2.31 0.00	40.19 2.13 0.00	45.32 2.76 0.00	56.17 1.69 0.00	65.76 2.95 0.00	59.40 2.06 0.00	57.55 1.78 0.00	55.11 1.50 0.00	51.80 1.61 0.00	50.75 1.72 0.00	50.24 1.60 0.00	49.83 1.82 0.00	49.88 1.69 0.00	50.92 2.47 0.00	56.02 3.27 0.00	60.02 3.71 -0.01	64.83 3.38 0.00	61.12 3.24 0.00	55.12 2.27 0.00	52.98 1.94 0.00	50.10 1.36 0.00
NYPA_GOWANUS____GT5 24156	51.86 2.83 -7.93	51.86 2.63 -9.33	41.13 2.41 -0.47	40.18 2.27 -0.01	40.35 2.28 -0.01	51.91 2.60 -6.76	57.64 3.16 -0.01	67.33 4.52 0.00	61.30 3.95 -0.01	60.65 3.90 -0.98	59.13 3.65 -1.88	59.69 3.51 -5.98	60.81 3.48 -8.29	63.30 3.40 -11.26	61.44 3.36 -10.08	62.04 3.42 -10.42	60.78 3.54 -8.80	56.66 3.69 -0.22	60.53 4.22 -0.01	66.13 4.67 -0.01	62.34 4.46 -0.01	56.56 3.70 -0.01	58.17 3.42 -3.71	53.28 3.12 -1.42
NYPA_GOWANUS____GT6 24157	51.86 2.83 -7.93	51.86 2.63 -9.33	41.13 2.41 -0.47	40.18 2.27 -0.01	40.35 2.28 -0.01	51.91 2.60 -6.76	57.64 3.16 -0.01	67.33 4.52 0.00	61.30 3.95 -0.01	60.65 3.90 -0.98	59.13 3.65 -1.88	59.69 3.51 -5.98	60.81 3.48 -8.29	63.30 3.40 -11.26	61.44 3.36 -10.08	62.04 3.42 -10.42	60.78 3.54 -8.80	56.66 3.69 -0.22	60.53 4.22 -0.01	66.13 4.67 -0.01	62.34 4.46 -0.01	56.56 3.70 -0.01	58.17 3.42 -3.71	53.28 3.12 -1.42
NYPA_HARLEM_RVR_GT1 24160	43.48 2.38 0.00	42.05 2.15 0.00	40.16 1.91 0.00	39.72 1.82 0.00	39.85 1.79 0.00	44.55 2.00 0.01	56.86 2.39 0.01	66.38 3.58 0.01	60.79 3.44 -0.01	59.06 3.29 -0.01	56.67 3.05 -0.01	53.27 3.06 -0.01	52.09 3.04 -0.01	51.57 2.92 -0.01	50.94 2.93 -0.01	51.14 2.94 -0.01	51.56 3.10 -0.01	55.92 3.16 -0.01	60.02 3.71 -0.01	65.64 4.18 0.00	61.88 3.99 -0.01	56.08 3.22 -0.01	54.16 3.11 -0.01	51.57 2.83 -0.01
NYPA_HARLEM_RVR_GT2 24161	43.48 2.38 0.00	42.05 2.15 0.00	40.16 1.91 0.00	39.72 1.82 0.00	39.85 1.79 0.00	44.55 2.00 0.01	56.86 2.39 0.01	66.38 3.58 0.01	60.79 3.44 -0.01	59.06 3.29 -0.01	56.67 3.05 -0.01	53.27 3.06 -0.01	52.09 3.04 -0.01	51.57 2.92 -0.01	50.94 2.93 -0.01	51.14 2.94 -0.01	51.56 3.10 -0.01	55.92 3.16 -0.01	60.02 3.71 -0.01	65.64 4.18 0.00	61.88 3.99 -0.01	56.08 3.22 -0.01	54.16 3.11 -0.01	51.57 2.83 -0.01
NYPA_KENT____GT 24152	55.65 2.67 -11.88	37.72 2.47 4.66	40.24 2.22 0.23	40.02 2.12 0.00	40.20 2.13 0.00	55.11 2.42 -10.13	57.43 2.94 -0.01	67.08 4.27 0.00	61.13 3.78 -0.01	60.43 3.68 -0.98	59.90 3.48 -2.81	61.08 3.36 -7.52	62.78 3.34 -10.41	65.52 3.26 -13.62	53.28 3.22 -2.06	64.82 3.28 -13.35	62.80 3.44 -10.91	56.61 3.53 -0.33	60.30 4.00 -0.01	65.89 4.43 0.00	62.11 4.22 -0.01	56.35 3.49 -0.01	52.42 3.22 1.84	50.96 2.92 0.70
NYPA_POUCH1____GT 24155	51.83 2.80 -7.93	51.82 2.59 -9.33	41.06 2.33 -0.47	40.14 2.24 -0.01	40.28 2.21 -0.01	51.83 2.51 -6.76	57.48 2.99 -0.01	67.08 4.27 0.00	61.02 3.67 -0.01	60.37 3.62 -0.98	58.92 3.43 -1.88	59.44 3.26 -5.98	60.56 3.24 -8.29	63.01 3.12 -11.26	61.20 3.12 -10.08	61.80 3.18 -10.42	56.03 3.34 -4.23	56.51 3.53 -0.22	60.30 4.00 -0.01	65.95 4.48 -0.01	62.17 4.28 -0.01	56.40 3.54 -0.01	58.06 3.32 -3.71	53.18 3.02 -1.42
NYPA_VERNON____GT2 24162	43.61 2.51 0.00	42.21 2.31 0.00	40.31 2.06 0.00	39.87																				

OAK ORCHARD___HYD 24046	40.53 -0.58 0.00	39.22 -0.68 0.00	37.71 -0.54 0.00	37.45 -0.45 0.00	37.68 -0.38 0.00	42.17 -0.38 0.00	53.93 -0.54 0.00	62.74 -0.06 0.00	56.66 -0.69 0.00	54.87 -0.89 0.00	53.02 -0.59 0.00	49.95 -0.25 0.00	48.46 -0.59 0.00	48.35 -0.29 0.00	47.62 -0.39 0.00	47.76 -0.43 0.00	47.73 -0.73 0.00	51.80 -0.95 0.00	55.68 -0.62 0.00	60.84 -0.61 0.00	57.30 -0.58 0.00	51.84 -1.01 0.00	50.33 -0.71 0.00	48.01 -0.73 0.00
OAKDALE___35_KV_LOAD 356122	41.27 0.16 0.00	40.02 0.12 0.00	38.44 0.19 0.00	38.17 0.27 0.00	38.41 0.34 0.00	42.94 0.38 0.00	54.91 0.44 0.00	63.81 1.00 0.00	57.69 0.34 0.00	55.93 0.17 0.00	53.82 0.21 0.00	50.45 0.25 0.00	49.29 0.25 0.00	48.88 0.24 0.00	48.20 0.19 0.00	48.44 0.24 0.00	48.60 0.15 0.00	52.75 0.00 0.00	56.74 0.45 0.00	62.07 0.61 0.00	58.40 0.52 0.00	52.96 0.11 0.00	51.19 0.15 0.00	48.88 0.15 0.00
OCC_CHEM___DRP 24175	38.88 -2.22 0.00	37.55 -2.35 0.00	36.30 -1.95 0.00	36.12 -1.78 0.00	36.43 -1.64 0.00	40.60 -1.96 0.00	51.81 -2.67 0.00	60.17 -2.64 0.00	53.79 -3.56 0.00	51.97 -3.79 0.00	50.39 -3.22 0.00	47.59 -2.61 0.00	46.30 -2.75 0.00	46.01 -2.63 0.00	45.27 -2.74 0.00	45.50 -2.70 0.00	45.30 -3.15 0.00	48.79 -3.96 0.00	52.69 -3.60 0.00	57.77 -3.69 0.00	54.40 -3.47 0.00	49.15 -3.70 0.00	48.08 -2.96 0.00	45.86 -2.88 0.00
OH_GEN_PROXY 24063	39.25 -1.85 0.00	37.99 -1.91 0.00	36.61 -1.64 0.00	36.38 -1.52 0.00	36.73 -1.33 0.00	40.94 -1.62 0.00	52.19 -2.29 0.00	61.87 -2.20 -1.26	53.09 -3.10 1.16	44.60 -3.34 7.82	45.73 -2.84 5.04	47.00 -2.21 0.99	45.30 -2.40 1.34	41.10 -2.29 5.25	37.50 -2.40 8.10	39.60 -2.36 6.24	45.69 -2.76 0.00	49.53 -3.22 0.00	53.31 -2.99 0.00	58.38 -3.07 0.00	54.93 -2.95 0.00	49.99 -3.33 -0.47	47.97 -2.60 0.47	46.20 -2.54 0.00
OLIN_CORP_DRP 24177	38.80 -2.30 0.00	37.47 -2.43 0.00	36.22 -2.03 0.00	36.04 -1.86 0.00	36.39 -1.67 0.00	40.56 -2.00 0.00	51.75 -2.72 0.00	60.17 -2.64 0.00	53.79 -3.56 0.00	51.92 -3.85 0.00	50.28 -3.32 0.00	47.49 -2.71 0.00	46.25 -2.80 0.00	45.92 -2.72 0.00	45.17 -2.83 0.00	45.45 -2.75 0.00	45.25 -3.20 0.00	48.79 -3.96 0.00	52.69 -3.60 0.00	57.77 -3.69 0.00	54.35 -3.53 0.00	49.15 -3.70 0.00	48.03 -3.01 0.00	45.81 -2.92 0.00
OLIN_CORP_DSASP 323712	38.96 -2.14 0.00	37.71 -2.19 0.00	36.30 -1.95 0.00	36.12 -1.78 0.00	36.47 -1.60 0.00	40.64 -1.91 0.00	51.81 -2.67 0.00	60.11 -2.70 0.00	53.79 -3.56 0.00	51.92 -3.85 0.00	50.39 -3.22 0.00	47.69 -2.51 0.00	46.30 -2.75 0.00	46.01 -2.63 0.00	45.27 -2.73 0.00	45.50 -2.70 0.00	45.30 -3.15 0.00	49.11 -3.64 0.00	52.80 -3.49 0.00	57.77 -3.69 0.00	54.41 -3.47 0.00	49.10 -3.75 0.00	48.08 -2.96 0.00	45.81 -2.92 0.00
ONEIDA_HERK_LFGE 323681	41.43 0.33 0.00	40.22 0.32 0.00	38.59 0.34 0.00	38.24 0.34 0.00	38.44 0.38 0.00	43.11 0.55 0.00	55.46 0.98 0.00	64.19 1.38 0.00	58.32 0.97 0.00	56.49 0.72 0.00	54.36 0.75 0.00	50.80 0.60 0.00	49.63 0.59 0.00	49.42 0.78 0.00	48.87 0.86 0.00	49.02 0.82 0.00	49.32 0.87 0.00	53.70 0.95 0.00	57.53 1.24 0.00	63.05 1.60 0.00	59.44 1.56 0.00	53.96 1.11 0.00	52.06 1.02 0.00	49.56 0.83 0.00
ONEIDA___115KV_TB4 55905	42.01 0.90 0.00	40.78 0.88 0.00	39.13 0.88 0.00	38.81 0.91 0.00	39.01 0.95 0.00	43.75 1.19 0.00	56.16 1.69 0.00	65.13 2.32 0.00	59.12 1.78 0.00	57.27 1.51 0.00	55.11 1.50 0.00	51.50 1.31 0.00	50.37 1.32 0.00	50.05 1.41 0.00	49.40 1.39 0.00	49.55 1.35 0.00	49.81 1.36 0.00	54.12 1.37 0.00	58.09 1.80 0.00	63.61 2.15 0.00	59.90 2.03 0.00	54.38 1.53 0.00	52.47 1.43 0.00	49.95 1.22 0.00
ONONDAGA_REF_OCCRA 23987	40.98 -0.12 0.00	39.82 -0.08 0.00	38.17 -0.08 0.00	37.86 -0.04 0.00	38.06 0.00 0.00	42.60 0.04 0.00	54.59 0.11 0.00	63.37 0.57 0.00	57.57 0.23 0.00	55.82 0.06 0.00	53.77 0.16 0.00	50.35 0.15 0.00	49.14 0.10 0.00	48.79 0.15 0.00	48.10 0.10 0.00	48.34 0.14 0.00	48.45 0.00 0.00	52.65 -0.11 0.00	56.46 0.17 0.00	61.70 0.25 0.00	58.11 0.23 0.00	52.80 -0.05 0.00	51.04 0.00 0.00	48.69 -0.05 0.00
ONONDAGA___COGEN 23986	41.02 -0.08 0.00	39.90 0.00 0.00	38.25 0.00 0.00	37.94 0.04 0.00	38.14 0.08 0.00	42.69 0.13 0.00	54.64 0.16 0.00	63.50 0.69 0.00	57.63 0.29 0.00	55.99 0.22 0.00	53.88 0.27 0.00	50.50 0.30 0.00	49.29 0.25 0.00	48.93 0.29 0.00	48.24 0.24 0.00	48.44 0.24 0.00	48.55 0.10 0.00	52.70 -0.05 0.00	56.52 0.23 0.00	61.76 0.31 0.00	58.17 0.29 0.00	52.85 0.00 0.00	51.09 0.05 0.00	48.78 0.05 0.00
ONTARIO___LFGE 23819	41.27 0.17 0.00	40.14 0.24 0.00	38.52 0.27 0.00	38.24 0.34 0.00	38.56 0.49 0.00	43.20 0.64 0.00	55.08 0.60 0.00	64.31 1.50 0.00	57.97 0.63 0.00	56.10 0.34 0.00	53.99 0.38 0.00	50.90 0.70 0.00	49.53 0.49 0.00	49.23 0.59 0.00	48.43 0.43 0.00	48.73 0.53 0.00	48.79 0.34 0.00	53.07 0.32 0.00	56.86 0.56 0.00	62.20 0.74 0.00	58.57 0.70 0.00	52.90 0.05 0.00	51.45 0.41 0.00	49.08 0.34 0.00
ORANGEVILLE_WT_PWR 323706	39.38 -1.72 0.00	38.30 -1.60 0.00	36.80 -1.45 0.00	36.61 -1.29 0.00	36.96 -1.11 0.00	41.37 -1.19 0.00	53.06 -1.42 0.00	61.93 -0.88 0.00	55.62 -1.72 0.00	53.70 -2.06 0.00	51.84 -1.77 0.00	48.85 -1.35 0.00	47.57 -1.47 0.00	47.18 -1.46 0.00	46.37 -1.63 0.00	46.99 -1.20 0.00	46.90 -1.55 0.00	51.01 -1.74 0.00	55.05 -1.24 0.00	60.29 -1.17 0.00	56.72 -1.16 0.00	51.00 -1.85 0.00	49.82 -1.23 0.00	47.37 -1.36 0.00
ORANGEVILLE___ESR 323794	39.38 -1.72 0.00	38.30 -1.60 0.00	36.80 -1.45 0.00	36.61 -1.29 0.00	36.96 -1.11 0.00	41.37 -1.19 0.00	53.06 -1.42 0.00	61.93 -0.88 0.00	55.62 -1.72 0.00	53.70 -2.06 0.00	51.84 -1.77 0.00	48.85 -1.35 0.00	47.57 -1.47 0.00	47.18 -1.46 0.00	46.37 -1.63 0.00	46.99 -1.20 0.00	46.90 -1.55 0.00	51.01 -1.74 0.00	55.05 -1.24 0.00	60.29 -1.17 0.00	56.72 -1.16 0.00	51.00 -1.85 0.00	49.82 -1.23 0.00	47.37 -1.36 0.00
OSWEGATCHIE___HYD 24044	39.99 -1.11 0.00	38.82 -1.08 0.00	37.33 -0.92 0.00	36.99 -0.91 0.00	37.11 -0.95 0.00	41.62 -0.94 0.00	53.28 -1.20 0.00	61.05 -1.76 0.00	55.80 -1.55 0.00	54.32 -1.45 0.00	52.21 -1.39 0.00	48.69 -1.50 0.00	47.57 -1.47 0.00	47.33 -1.31 0.00	46.85 -1.15 0.00	46.99 -1.20 0.00	47.29 -1.16 0.00	51.75 -1.00 0.00	55.17 -1.13 0.00	60.41 -1.05 0.00	57.07 -0.81 0.00	52.16 -0.69 0.00	50.28 -0.76 0.00	47.91 -0.83 0.00
OSWEGO___5 23606	40.36 -0.74 0.00	39.18 -0.72 0.00	37.56 -0.69 0.00	37.26 -0.64 0.00	37.45 -0.61 0.00	41.88 -0.68 0.00	53.66 -0.82 0.00	62.12 -0.69 0.00	56.48 -0.86 0.00	54.87 -0.89 0.00	52.81 -0.80 0.00	49.50 -0.70 0.00	48.31 -0.73 0.00	47.91 -0.73 0.00	47.29 -0.72 0.00	47.47 -0.72 0.00	47.63 -0.82 0.00	51.80 -0.95 0.00	55.45 -0.84 0.00	60.60 -0.86 0.00	57.07 -0.81 0.00	51.90 -0.95 0.00	50.17 -0.87 0.00	47.95 -0.78 0.00

OSWEGO___6 23613	40.36 -0.74 0.00	39.18 -0.72 0.00	37.56 -0.69 0.00	37.26 -0.64 0.00	37.45 -0.61 0.00	41.88 -0.68 0.00	53.66 -0.82 0.00	62.12 -0.69 0.00	56.48 -0.86 0.00	54.87 -0.89 0.00	52.81 -0.80 0.00	49.50 -0.70 0.00	48.31 -0.73 0.00	47.91 -0.73 0.00	47.29 -0.72 0.00	47.47 -0.72 0.00	47.63 -0.82 0.00	51.80 -0.95 0.00	55.45 -0.84 0.00	60.60 -0.86 0.00	57.07 -0.81 0.00	51.90 -0.95 0.00	50.17 -0.87 0.00	47.95 -0.78 0.00
OUTOKUMPU-AB___DRP 24206	39.75 -1.36 0.00	38.38 -1.52 0.00	37.03 -1.22 0.00	36.95 -0.95 0.00	37.26 -0.80 0.00	41.54 -1.02 0.00	53.11 -1.36 0.00	61.93 -0.88 0.00	55.34 -2.01 0.00	53.31 -2.45 0.00	51.62 -1.98 0.00	48.79 -1.41 0.00	47.47 -1.57 0.00	47.13 -1.51 0.00	46.37 -1.63 0.00	46.61 -1.59 0.00	46.42 -2.03 0.00	50.01 -2.74 0.00	54.04 -2.25 0.00	59.30 -2.15 0.00	55.79 -2.08 0.00	50.31 -2.54 0.00	49.20 -1.84 0.00	46.83 -1.90 0.00
OXBOW___BTM 323836	39.38 -1.72 0.00	38.06 -1.83 0.00	36.61 -1.64 0.00	36.50 -1.40 0.00	36.84 -1.22 0.00	41.07 -1.49 0.00	52.41 -2.07 0.00	60.98 -1.82 0.00	54.53 -2.81 0.00	52.59 -3.18 0.00	50.98 -2.63 0.00	48.24 -1.96 0.00	46.88 -2.16 0.00	46.60 -2.04 0.00	45.80 -2.21 0.00	46.03 -2.17 0.00	45.83 -2.62 0.00	49.69 -3.06 0.00	53.42 -2.87 0.00	58.45 -3.01 0.00	55.04 -2.83 0.00	49.57 -3.28 0.00	48.64 -2.40 0.00	46.25 -2.48 0.00
OXBOW____ 24026	39.29 -1.81 0.00	37.90 -1.99 0.00	36.64 -1.61 0.00	36.50 -1.40 0.00	36.81 -1.26 0.00	41.03 -1.53 0.00	52.41 -2.07 0.00	60.99 -1.82 0.00	54.53 -2.81 0.00	52.59 -3.18 0.00	50.98 -2.63 0.00	48.14 -2.06 0.00	46.88 -2.16 0.00	46.55 -2.09 0.00	45.80 -2.21 0.00	46.03 -2.17 0.00	45.84 -2.62 0.00	49.38 -3.38 0.00	53.31 -2.98 0.00	58.51 -2.95 0.00	55.04 -2.84 0.00	49.68 -3.17 0.00	48.59 -2.45 0.00	46.30 -2.44 0.00
OXY_CHEM_DSASP 323612	38.88 -2.22 0.00	37.55 -2.35 0.00	36.30 -1.95 0.00	36.12 -1.78 0.00	36.43 -1.64 0.00	40.60 -1.96 0.00	51.81 -2.67 0.00	60.17 -2.64 0.00	53.79 -3.56 0.00	51.97 -3.79 0.00	50.39 -3.22 0.00	47.59 -2.61 0.00	46.30 -2.75 0.00	46.01 -2.63 0.00	45.27 -2.74 0.00	45.50 -2.70 0.00	45.30 -3.15 0.00	48.79 -3.96 0.00	52.69 -3.60 0.00	57.77 -3.69 0.00	54.40 -3.47 0.00	49.15 -3.70 0.00	48.08 -2.96 0.00	45.86 -2.88 0.00
OZONE_PARK_ESR 323760	43.69 2.59 0.00	42.33 2.43 0.00	40.39 2.14 0.00	39.95 2.05 0.00	40.12 2.06 0.00	44.86 2.30 0.00	57.36 2.89 0.00	67.01 4.21 0.00	61.07 3.73 0.00	59.45 3.68 0.00	57.04 3.43 0.00	53.61 3.41 0.00	52.38 3.33 0.00	51.90 3.26 0.00	51.27 3.26 0.00	51.47 3.28 0.00	51.89 3.44 0.00	56.29 3.53 0.00	60.23 3.94 0.00	65.82 4.36 0.00	62.04 4.17 0.00	56.23 3.38 0.00	54.21 3.16 0.00	51.61 2.88 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	38.88 -2.22 0.00	37.55 -2.35 0.00	36.30 -1.95 0.00	36.12 -1.78 0.00	36.43 -1.64 0.00	40.60 -1.96 0.00	51.81 -2.67 0.00	60.17 -2.64 0.00	53.79 -3.56 0.00	51.97 -3.79 0.00	50.39 -3.22 0.00	47.59 -2.61 0.00	46.30 -2.75 0.00	46.01 -2.63 0.00	45.27 -2.74 0.00	45.50 -2.70 0.00	45.30 -3.15 0.00	48.79 -3.96 0.00	52.69 -3.60 0.00	57.77 -3.69 0.00	54.40 -3.47 0.00	49.15 -3.70 0.00	48.08 -2.96 0.00	45.86 -2.88 0.00
PACKARD__115KV_DUPONT_184 80571	38.88 -2.22 0.00	37.55 -2.35 0.00	36.30 -1.95 0.00	36.12 -1.78 0.00	36.43 -1.64 0.00	40.60 -1.96 0.00	51.81 -2.67 0.00	60.17 -2.64 0.00	53.79 -3.56 0.00	51.97 -3.79 0.00	50.39 -3.22 0.00	47.59 -2.61 0.00	46.30 -2.75 0.00	46.01 -2.63 0.00	45.27 -2.74 0.00	45.50 -2.70 0.00	45.30 -3.15 0.00	48.79 -3.96 0.00	52.69 -3.60 0.00	57.77 -3.69 0.00	54.40 -3.47 0.00	49.15 -3.70 0.00	48.08 -2.96 0.00	45.86 -2.88 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	43.49 2.38 0.00	42.13 2.23 0.00	40.16 1.91 0.00	39.72 1.82 0.00	39.85 1.79 0.00	44.60 2.04 0.00	56.93 2.45 0.00	66.51 3.71 0.00	60.68 3.33 -0.01	59.01 3.23 -0.01	56.62 3.00 -0.01	53.22 3.01 -0.01	52.03 2.99 0.00	51.52 2.87 -0.01	50.89 2.88 -0.01	51.10 2.89 -0.01	51.51 3.05 -0.01	55.92 3.17 -0.01	59.90 3.60 -0.01	65.45 3.99 0.00	61.76 3.88 -0.01	55.87 3.01 -0.01	54.06 3.01 -0.01	51.42 2.68 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	43.69 2.59 0.00	42.37 2.47 0.00	40.35 2.10 0.00	39.91 2.01 0.00	40.08 2.02 0.00	44.81 2.26 0.00	57.20 2.72 0.00	66.76 3.96 0.00	60.91 3.56 -0.01	59.18 3.40 -0.01	56.73 3.11 -0.01	53.42 3.21 -0.01	52.08 3.04 0.00	51.57 2.92 -0.01	50.89 2.88 -0.01	51.10 2.89 -0.01	51.51 3.05 -0.01	55.98 3.22 -0.01	60.02 3.72 -0.01	65.57 4.12 0.00	61.94 4.05 -0.01	56.03 3.17 -0.01	54.16 3.11 -0.01	51.57 2.83 -0.01
PATROON__115KV_TB1 80586	41.96 0.86 0.00	40.78 0.88 0.00	39.01 0.76 0.00	38.62 0.72 0.00	38.79 0.72 0.00	43.20 0.64 0.00	55.51 1.04 0.00	64.19 1.38 0.00	58.49 1.15 0.00	56.66 0.89 0.00	54.47 0.86 0.00	50.95 0.75 0.00	49.73 0.69 0.00	49.27 0.63 0.00	48.77 0.77 0.00	48.92 0.72 0.00	49.28 0.82 0.00	53.70 0.95 0.00	57.48 1.18 0.00	62.81 1.35 0.00	59.09 1.22 0.00	53.75 0.90 0.00	51.76 0.71 0.00	49.37 0.63 0.00
PATTRSNVILLE___SOLAR 323815	42.70 1.60 0.00	41.50 1.60 0.00	39.74 1.49 0.00	39.34 1.44 0.00	39.55 1.48 0.00	44.17 1.62 0.00	56.87 2.39 0.00	65.64 2.83 0.00	59.64 2.30 0.00	57.60 1.84 0.00	55.27 1.66 0.00	51.60 1.40 0.00	50.46 1.42 0.00	49.95 1.31 0.00	49.44 1.44 0.00	49.64 1.44 0.00	50.00 1.55 0.00	54.55 1.79 0.00	58.60 2.31 0.00	64.22 2.77 0.00	60.36 2.49 0.00	54.97 2.12 0.00	52.93 1.89 0.00	50.54 1.80 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	40.12 -0.99 0.00	38.70 -1.20 0.00	37.37 -0.88 0.00	37.29 -0.61 0.00	37.64 -0.42 0.00	42.00 -0.55 0.00	53.71 -0.76 0.00	62.87 0.06 0.00	56.08 -1.26 0.00	53.93 -1.84 0.00	52.05 -1.55 0.00	49.19 -1.00 0.00	47.91 -1.13 0.00	47.52 -1.12 0.00	46.76 -1.25 0.00	46.99 -1.20 0.00	46.80 -1.65 0.00	50.48 -2.27 0.00	54.83 -1.46 0.00	60.17 -1.29 0.00	56.55 -1.33 0.00	50.79 -2.06 0.00	49.61 -1.43 0.00	47.13 -1.61 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	43.24 2.14 0.00	41.97 2.07 0.00	40.12 1.87 0.00	39.68 1.78 0.00	39.85 1.79 0.00	44.56 2.00 0.00	57.04 2.56 0.00	66.32 3.52 0.00	60.44 3.10 0.00	58.78 3.01 0.00	56.45 2.84 0.00	52.81 2.61 0.00	51.69 2.65 0.00	51.17 2.53 0.00	50.50 2.50 0.00	50.75 2.55 0.00	51.12 2.66 0.00	55.65 2.90 0.00	59.56 3.26 0.00	65.08 3.63 0.00	61.18 3.30 0.00	55.55 2.70 0.00	53.59 2.55 0.00	51.07 2.34 0.00
PEEKSKILL____ 23653	42.91 1.81 0.00	41.57 1.68 0.00	39.74 1.49 0.00	39.34 1.44 0.00	39.51 1.45 0.00	44.17 1.62 0.00	56.27 1.80 0.00	65.64 2.83 0.00	59.69 2.35 0.00	58.05 2.29 0.00	55.70 2.09 0.00	52.26 2.06 0.00	51.10 2.06 0.00	50.59 1.95 0.00	49.97 1.97 0.00	50.22 2.02 0.00	50.58 2.13 0.00	54.91 2.16 0.00	58.94 2.65 0.00	64.41 2.95 0.00	60.60 2.72 0.00	54.97 2.12 0.00	53.03 1.99 0.00	50.54 1.80 0.00

PGE MADISON___WINDPWR 24146	43.69 2.59 0.00	42.46 2.56 0.00	40.81 2.56 0.00	40.59 2.69 0.00	40.92 2.86 0.00	46.09 3.53 0.00	59.54 5.07 0.00	69.59 6.79 0.00	62.79 5.45 0.00	60.56 4.80 0.00	58.33 4.72 0.00	54.56 4.37 0.00	53.21 4.17 0.00	53.02 4.38 0.00	52.08 4.08 0.00	52.39 4.19 0.00	52.62 4.17 0.00	57.13 4.38 0.00	61.70 5.40 0.00	67.73 6.27 0.00	63.78 5.91 0.00	57.45 4.60 0.00	55.43 4.39 0.00	52.68 3.95 0.00
PIERCEFIELD___HYD 23852	40.07 -1.03 0.00	38.90 -1.00 0.00	37.45 -0.80 0.00	37.07 -0.83 0.00	37.15 -0.91 0.00	41.62 -0.94 0.00	52.84 -1.63 0.00	59.98 -2.83 0.00	55.39 -1.95 0.00	54.26 -1.51 0.00	52.21 -1.39 0.00	48.69 -1.51 0.00	47.52 -1.52 0.00	47.18 -1.46 0.00	46.52 -1.49 0.00	46.61 -1.59 0.00	46.95 -1.50 0.00	51.43 -1.32 0.00	54.44 -1.86 0.00	59.37 -2.09 0.00	56.08 -1.79 0.00	51.63 -1.22 0.00	49.87 -1.17 0.00	47.57 -1.17 0.00
PINELAWN_CC_1 323563	43.99 2.88 -0.01	42.62 2.71 -0.01	40.51 2.26 0.00	40.06 2.16 0.00	40.04 1.98 0.00	45.11 2.55 0.00	55.62 1.15 0.00	64.76 1.95 0.00	58.78 1.43 0.00	56.99 1.23 0.00	54.57 0.97 0.00	51.30 1.10 0.00	50.26 1.23 0.00	49.76 1.12 0.00	49.35 1.34 0.00	49.45 1.25 0.00	50.39 1.94 0.00	55.28 2.53 0.00	59.23 2.93 -0.01	63.85 2.39 0.00	60.42 2.54 0.00	54.54 1.69 0.00	52.57 1.53 0.00	50.20 1.46 0.00
PJM_GEN_HTP_PROXY 323702	43.36 2.26 0.00	41.97 2.07 0.00	40.08 1.84 0.00	39.68 1.78 0.00	39.82 1.75 0.00	44.56 2.00 0.00	56.93 2.45 0.00	67.71 3.64 -1.26	59.45 3.27 1.16	58.84 3.18 0.10	56.56 2.95 0.00	53.11 2.91 0.00	51.94 2.89 0.00	51.46 2.82 0.00	50.79 2.78 0.00	51.04 2.84 0.00	51.41 2.96 0.00	55.76 3.01 0.00	59.73 3.43 0.00	65.27 3.81 0.00	61.47 3.59 0.00	56.22 2.90 -0.47	53.23 2.65 0.47	51.12 2.39 0.00
PJM_GEN_KEystone 24065	41.39 0.29 0.00	40.10 0.20 0.00	38.48 0.23 0.00	38.17 0.27 0.00	38.41 0.34 0.00	42.94 0.38 0.00	54.64 0.16 0.00	65.01 0.94 -1.26	56.36 0.17 1.16	55.61 -0.06 0.10	53.55 -0.05 0.00	50.40 0.20 0.00	49.19 0.15 0.00	48.79 0.15 0.00	48.10 0.10 0.00	48.34 0.15 0.00	48.50 0.05 0.00	52.65 -0.11 0.00	56.69 0.40 0.00	62.07 0.61 0.00	58.34 0.46 0.00	53.16 -0.16 -0.47	50.62 0.05 0.47	48.69 -0.05 0.00
PJM_GEN_NEPTUNE_PROXY 323594	43.53 2.42 -0.01	42.18 2.27 -0.01	40.12 1.87 0.00	39.72 1.82 0.00	39.74 1.67 0.00	44.68 2.13 0.00	55.67 1.20 0.00	66.51 2.45 -1.26	57.85 1.66 1.16	57.17 1.51 0.10	54.95 1.34 0.00	51.66 1.46 0.00	50.61 1.57 0.00	50.10 1.46 0.00	49.64 1.63 0.00	49.74 1.54 0.00	50.58 2.13 0.00	55.28 2.53 0.00	59.23 2.93 -0.01	64.22 2.77 0.00	60.48 2.61 0.00	55.17 1.85 -0.47	52.16 1.58 0.47	49.95 1.22 0.00
PJM_GEN_VFT_PROXY 323633	43.24 2.14 0.00	41.85 1.95 0.00	39.97 1.72 0.00	39.57 1.67 0.00	39.70 1.64 0.00	44.39 1.83 0.00	56.71 2.23 0.00	67.52 3.45 -1.26	59.22 3.04 1.16	58.68 3.01 0.10	56.39 2.79 0.00	53.01 2.81 0.00	51.84 2.79 0.00	51.36 2.72 0.00	50.69 2.69 0.00	50.89 2.70 0.00	51.31 2.86 0.00	55.60 2.85 0.00	59.50 3.21 0.00	65.02 3.56 0.00	61.29 3.41 0.00	56.06 2.75 -0.47	53.07 2.50 0.47	50.98 2.24 0.00
PLATSBURG_115KV_PMLD1 355749	41.68 0.58 0.00	40.46 0.56 0.00	38.94 0.69 0.00	38.58 0.68 0.00	38.71 0.65 0.00	43.37 0.81 0.00	55.29 0.82 0.00	62.93 0.13 0.00	58.20 0.86 0.00	57.05 1.28 0.00	54.79 1.18 0.00	51.10 0.90 0.00	50.07 1.03 0.00	49.61 0.97 0.00	48.82 0.82 0.00	48.97 0.77 0.00	49.28 0.82 0.00	53.86 1.11 0.00	56.97 0.68 0.00	62.13 0.68 0.00	58.63 0.75 0.00	53.91 1.06 0.00	52.11 1.07 0.00	49.76 1.02 0.00
PLEASANTVLY___LBMP 24000	42.75 1.64 0.00	41.46 1.56 0.00	39.63 1.38 0.00	39.19 1.29 0.00	39.36 1.29 0.00	43.96 1.40 0.00	56.22 1.74 0.00	65.38 2.58 0.00	59.58 2.24 0.00	57.83 2.06 0.00	55.48 1.88 0.00	52.06 1.86 0.00	50.86 1.81 0.00	50.39 1.75 0.00	49.78 1.78 0.00	49.98 1.78 0.00	50.39 1.94 0.00	54.81 2.06 0.00	58.66 2.36 0.00	64.16 2.70 0.00	60.37 2.49 0.00	54.81 1.96 0.00	52.88 1.84 0.00	50.39 1.66 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	43.12 2.01 0.00	41.81 1.92 0.00	39.93 1.68 0.00	39.53 1.63 0.00	39.70 1.64 0.00	44.35 1.79 0.00	56.66 2.18 0.00	66.01 3.20 0.00	60.15 2.81 0.00	58.50 2.73 0.00	56.13 2.52 0.00	52.66 2.46 0.00	51.49 2.45 0.00	50.97 2.33 0.00	50.36 2.35 0.00	50.61 2.41 0.00	50.97 2.52 0.00	55.44 2.69 0.00	59.28 2.98 0.00	64.84 3.38 0.00	61.00 3.13 0.00	55.33 2.48 0.00	53.39 2.35 0.00	50.88 2.14 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	43.12 2.01 0.00	41.81 1.92 0.00	39.93 1.68 0.00	39.53 1.63 0.00	39.70 1.64 0.00	44.35 1.79 0.00	56.66 2.18 0.00	66.01 3.20 0.00	60.15 2.81 0.00	58.50 2.73 0.00	56.13 2.52 0.00	52.66 2.46 0.00	51.49 2.45 0.00	50.97 2.33 0.00	50.36 2.35 0.00	50.61 2.41 0.00	50.97 2.52 0.00	55.44 2.69 0.00	59.28 2.98 0.00	64.84 3.38 0.00	61.00 3.13 0.00	55.33 2.48 0.00	53.39 2.35 0.00	50.88 2.14 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	42.95 1.85 0.00	41.69 1.80 0.00	39.86 1.61 0.00	39.42 1.52 0.00	39.55 1.48 0.00	44.22 1.66 0.00	56.66 2.18 0.00	65.88 3.08 0.00	60.04 2.70 0.00	58.22 2.45 0.00	55.86 2.25 0.00	52.31 2.11 0.00	51.15 2.11 0.00	50.63 1.99 0.00	50.02 2.02 0.00	50.22 2.02 0.00	50.58 2.13 0.00	55.02 2.27 0.00	58.88 2.59 0.00	64.41 2.95 0.00	60.60 2.72 0.00	54.96 2.11 0.00	53.08 2.04 0.00	50.59 1.85 0.00
POLETTI___ 23519	43.36 2.26 0.00	42.01 2.11 0.00	40.09 1.84 0.00	39.68 1.78 0.00	39.81 1.75 0.00	44.56 2.00 0.00	56.93 2.45 0.00	66.45 3.64 0.00	60.61 3.27 0.00	58.95 3.18 0.00	56.56 2.95 0.00	53.16 2.96 0.00	51.98 2.94 0.00	51.46 2.82 0.00	50.84 2.83 0.00	51.04 2.84 0.00	51.46 3.00 0.00	55.81 3.06 0.00	59.67 3.38 0.00	65.20 3.75 0.00	61.58 3.70 0.00	55.76 2.91 0.00	53.85 2.81 0.00	51.27 2.53 0.00
POMONA___ESR 323819	42.91 1.81 0.00	41.57 1.68 0.00	39.74 1.49 0.00	39.34 1.44 0.00	39.51 1.45 0.00	44.17 1.62 0.00	56.22 1.74 0.00	65.57 2.76 0.00	59.64 2.30 0.00	58.00 2.23 0.00	55.65 2.04 0.00	52.21 2.01 0.00	51.10 2.06 0.00	50.59 1.95 0.00	49.97 1.97 0.00	50.17 1.98 0.00	50.58 2.13 0.00	54.86 2.11 0.00	58.83 2.54 0.00	64.34 2.89 0.00	60.54 2.66 0.00	54.91 2.06 0.00	53.03 1.99 0.00	50.54 1.80 0.00
PORT_JEFF_3 23555	44.07 2.96 -0.01	42.74 2.83 -0.01	40.54 2.29 0.00	40.10 2.20 0.00	40.04 1.98 0.00	45.15 2.60 0.00	55.95 1.47 0.00	65.44 2.64 0.00	59.01 1.66 0.00	57.21 1.45 0.00	54.79 1.18 0.00	51.45 1.26 0.00	50.41 1.37 0.00	49.95 1.31 0.00	49.54 1.54 0.00	49.60 1.40 0.00	50.68 2.23 0.00	55.92 3.16 0.00	59.91 3.61 -0.01	64.59 3.13 0.00	60.88 3.01 0.00	54.86 2.01 0.00	52.78 1.74 0.00	49.81 1.07 0.00

PORT_JEFF_4 23616	44.07 2.96 -0.01	42.74 2.83 -0.01	40.54 2.29 0.00	40.10 2.20 0.00	40.04 1.98 0.00	45.15 2.60 0.00	55.95 1.47 0.00	65.44 2.64 0.00	59.01 1.66 0.00	57.21 1.45 0.00	54.79 1.18 0.00	51.45 1.26 0.00	50.41 1.37 0.00	49.95 1.31 0.00	49.54 1.54 0.00	49.60 1.40 0.00	50.68 2.23 0.00	55.92 3.16 0.00	59.91 3.61 -0.01	64.59 3.13 0.00	60.88 3.01 0.00	54.86 2.01 0.00	52.78 1.74 0.00	49.81 1.07 0.00
PORT_JEFF_IC 23713	44.11 3.00 -0.01	42.78 2.87 -0.01	40.54 2.29 0.00	40.10 2.20 0.00	40.08 2.02 0.00	45.28 2.72 0.00	55.95 1.47 0.00	65.44 2.64 0.00	59.01 1.66 0.00	57.38 1.62 0.00	54.95 1.34 0.00	51.70 1.51 0.00	50.46 1.42 0.00	50.00 1.36 0.00	49.68 1.68 0.00	49.79 1.59 0.00	50.73 2.28 0.00	56.23 3.48 0.00	60.07 3.77 -0.01	64.90 3.44 0.00	61.06 3.18 0.00	55.07 2.22 0.00	53.49 2.45 0.00	50.49 1.75 0.00
PPL_PILGRIM_ST_GT1 24216	44.19 3.08 -0.01	42.82 2.91 -0.01	40.66 2.41 0.00	40.21 2.31 0.00	40.19 2.13 0.00	45.32 2.76 0.00	56.17 1.69 0.00	65.76 2.95 0.00	59.40 2.06 0.00	57.55 1.78 0.00	55.11 1.50 0.00	51.80 1.61 0.00	50.75 1.72 0.00	50.24 1.60 0.00	49.83 1.82 0.00	49.88 1.69 0.00	50.92 2.47 0.00	56.02 3.27 0.00	60.02 3.71 -0.01	64.83 3.38 0.00	61.12 3.24 0.00	55.12 2.27 0.00	52.98 1.94 0.00	50.10 1.36 0.00
PPL_PILGRIM_ST_GT2 24217	44.19 3.08 -0.01	42.82 2.91 -0.01	40.66 2.41 0.00	40.21 2.31 0.00	40.19 2.13 0.00	45.32 2.76 0.00	56.17 1.69 0.00	65.76 2.95 0.00	59.40 2.06 0.00	57.55 1.78 0.00	55.11 1.50 0.00	51.80 1.61 0.00	50.75 1.72 0.00	50.24 1.60 0.00	49.83 1.82 0.00	49.88 1.69 0.00	50.92 2.47 0.00	56.02 3.27 0.00	60.02 3.71 -0.01	64.83 3.38 0.00	61.12 3.24 0.00	55.12 2.27 0.00	52.98 1.94 0.00	50.10 1.36 0.00
PPL_SHRM_GT3 24213	43.78 2.67 -0.01	42.46 2.56 -0.01	40.24 1.99 0.00	39.79 1.89 0.00	39.70 1.64 0.00	44.81 2.25 0.00	55.46 0.98 0.00	64.88 2.07 0.00	58.20 0.86 0.00	56.44 0.67 0.00	53.93 0.32 0.00	50.65 0.45 0.00	49.63 0.59 0.00	49.13 0.49 0.00	48.77 0.77 0.00	48.82 0.62 0.00	49.96 1.50 0.00	55.86 3.11 0.00	59.91 3.61 -0.01	64.04 2.58 0.00	60.31 2.43 0.00	54.38 1.53 0.00	52.32 1.28 0.00	49.12 0.39 0.00
PPL_SHRM_GT4 24214	43.78 2.67 -0.01	42.46 2.56 -0.01	40.24 1.99 0.00	39.79 1.89 0.00	39.70 1.64 0.00	44.81 2.25 0.00	55.46 0.98 0.00	64.88 2.07 0.00	58.20 0.86 0.00	56.44 0.67 0.00	53.93 0.32 0.00	50.65 0.45 0.00	49.63 0.59 0.00	49.13 0.49 0.00	48.77 0.77 0.00	48.82 0.62 0.00	49.96 1.50 0.00	55.86 3.11 0.00	59.91 3.61 -0.01	64.04 2.58 0.00	60.31 2.43 0.00	54.38 1.53 0.00	52.32 1.28 0.00	49.12 0.39 0.00
PROJECT___ORANGE 1 24174	40.86 -0.25 0.00	39.70 -0.20 0.00	38.06 -0.19 0.00	37.75 -0.15 0.00	37.95 -0.11 0.00	42.47 -0.09 0.00	54.42 -0.05 0.00	63.18 0.38 0.00	57.40 0.06 0.00	55.71 -0.06 0.00	53.66 0.05 0.00	50.30 0.10 0.00	49.09 0.05 0.00	48.69 0.05 0.00	48.05 0.05 0.00	48.24 0.05 0.00	48.35 -0.10 0.00	52.49 -0.26 0.00	56.24 -0.06 0.00	61.46 0.00 0.00	57.93 0.06 0.00	52.64 -0.21 0.00	50.84 -0.20 0.00	48.59 -0.15 0.00
PROJECT___ORANGE 2 24166	40.86 -0.25 0.00	39.70 -0.20 0.00	38.06 -0.19 0.00	37.75 -0.15 0.00	37.95 -0.11 0.00	42.47 -0.09 0.00	54.42 -0.05 0.00	63.18 0.38 0.00	57.40 0.06 0.00	55.71 -0.06 0.00	53.66 0.05 0.00	50.30 0.10 0.00	49.09 0.05 0.00	48.69 0.05 0.00	48.05 0.05 0.00	48.24 0.05 0.00	48.35 -0.10 0.00	52.49 -0.26 0.00	56.24 -0.06 0.00	61.46 0.00 0.00	57.93 0.06 0.00	52.64 -0.21 0.00	50.84 -0.20 0.00	48.59 -0.15 0.00
PUCKETT___SOLAR 323809	41.97 0.86 0.00	40.78 0.88 0.00	39.13 0.88 0.00	38.85 0.95 0.00	39.09 1.03 0.00	43.83 1.28 0.00	56.11 1.63 0.00	65.32 2.51 0.00	59.01 1.66 0.00	57.16 1.39 0.00	54.95 1.34 0.00	51.50 1.30 0.00	50.22 1.18 0.00	49.86 1.22 0.00	49.11 1.10 0.00	49.40 1.21 0.00	49.57 1.12 0.00	53.86 1.11 0.00	57.98 1.69 0.00	63.48 2.03 0.00	59.73 1.85 0.00	54.01 1.16 0.00	52.26 1.22 0.00	49.81 1.07 0.00
PYRITES___HYD 24023	41.06 -0.04 0.00	39.86 -0.04 0.00	38.36 0.11 0.00	37.98 0.08 0.00	38.06 0.00 0.00	42.64 0.09 0.00	54.20 -0.27 0.00	61.43 -1.38 0.00	56.54 -0.80 0.00	55.26 -0.50 0.00	53.02 -0.59 0.00	49.40 -0.80 0.00	48.26 -0.78 0.00	47.86 -0.78 0.00	47.24 -0.77 0.00	47.33 -0.87 0.00	47.77 -0.68 0.00	52.43 -0.32 0.00	55.67 -0.62 0.00	60.84 -0.61 0.00	57.47 -0.41 0.00	52.90 0.05 0.00	51.04 0.00 0.00	48.69 -0.05 0.00
QUAKERRD_115KV_BK1 80622	39.79 -1.32 0.00	38.50 -1.40 0.00	37.06 -1.19 0.00	36.76 -1.14 0.00	37.00 -1.07 0.00	41.41 -1.15 0.00	52.95 -1.53 0.00	61.68 -1.13 0.00	55.79 -1.55 0.00	54.09 -1.67 0.00	52.16 -1.45 0.00	49.04 -1.15 0.00	47.72 -1.32 0.00	47.52 -1.12 0.00	46.85 -1.15 0.00	47.04 -1.16 0.00	47.00 -1.45 0.00	50.91 -1.85 0.00	54.66 -1.63 0.00	59.80 -1.66 0.00	56.26 -1.62 0.00	51.05 -1.80 0.00	49.46 -1.58 0.00	47.22 -1.51 0.00
QUENSBRY_115KV_TB8 356137	43.40 2.30 0.00	42.25 2.35 0.00	40.47 2.22 0.00	40.10 2.20 0.00	40.27 2.21 0.00	44.98 2.43 0.00	58.23 3.76 0.00	67.27 4.46 0.00	61.18 3.84 0.00	59.00 3.23 0.00	56.77 3.16 0.00	52.86 2.66 0.00	51.54 2.50 0.00	50.97 2.33 0.00	50.60 2.59 0.00	50.65 2.46 0.00	51.02 2.57 0.00	55.76 3.01 0.00	59.78 3.49 0.00	65.51 4.06 0.00	61.52 3.65 0.00	55.92 3.07 0.00	53.90 2.86 0.00	51.46 2.73 0.00
RAMAPO___LBMP 323565	42.75 1.64 0.00	41.46 1.56 0.00	39.63 1.38 0.00	39.23 1.33 0.00	39.40 1.33 0.00	44.05 1.49 0.00	56.06 1.58 0.00	65.32 2.51 0.00	59.46 2.12 0.00	57.77 2.01 0.00	55.43 1.82 0.00	52.01 1.81 0.00	50.86 1.81 0.00	50.39 1.75 0.00	49.73 1.73 0.00	49.98 1.78 0.00	50.34 1.89 0.00	54.70 1.95 0.00	58.60 2.31 0.00	64.16 2.70 0.00	60.31 2.43 0.00	54.70 1.85 0.00	52.88 1.84 0.00	50.39 1.66 0.00
RANKINE____ 23646	40.12 -0.99 0.00	38.74 -1.16 0.00	37.37 -0.88 0.00	37.29 -0.61 0.00	37.64 -0.42 0.00	41.96 -0.60 0.00	53.71 -0.76 0.00	62.68 -0.13 0.00	55.97 -1.38 0.00	53.87 -1.90 0.00	52.11 -1.50 0.00	49.29 -0.90 0.00	47.96 -1.08 0.00	47.62 -1.02 0.00	46.80 -1.20 0.00	46.99 -1.20 0.00	46.80 -1.65 0.00	50.43 -2.32 0.00	54.66 -1.63 0.00	59.92 -1.54 0.00	56.37 -1.50 0.00	50.79 -2.06 0.00	49.61 -1.43 0.00	47.22 -1.51 0.00
RAVENSWOOD_GT2_1 24244	43.40 2.30 0.00	42.05 2.15 0.00	40.16 1.91 0.00	39.72 1.82 0.00	39.89 1.83 0.00	44.60 2.04 0.00	56.98 2.51 0.00	66.51 3.71 0.00	60.61 3.27 0.00	59.00 3.23 0.00	56.61 3.00 0.00	53.16 2.96 0.00	51.98 2.94 0.00	51.51 2.87 0.00	50.84 2.83 0.00	51.04 2.84 0.00	51.46 3.00 0.00	55.86 3.11 0.00	59.73 3.43 0.00	65.27 3.81 0.00	61.52 3.65 0.00	55.76 2.91 0.00	53.80 2.76 0.00	51.27 2.53 0.00

RAVENSWOOD_GT2_2 24245	43.40 2.30 0.00	42.05 2.15 0.00	40.16 1.91 0.00	39.72 1.82 0.00	39.89 1.83 0.00	44.60 2.04 0.00	56.98 2.51 0.00	66.51 3.71 0.00	60.61 3.27 0.00	59.00 3.23 0.00	56.61 3.00 0.00	53.16 2.96 0.00	51.98 2.94 0.00	51.51 2.87 0.00	50.84 2.83 0.00	51.04 2.84 0.00	51.46 3.00 0.00	55.86 3.11 0.00	59.73 3.43 0.00	65.27 3.81 0.00	61.52 3.65 0.00	55.76 2.91 0.00	53.80 2.76 0.00	51.27 2.53 0.00
RAVENSWOOD_GT2_3 24246	43.40 2.30 0.00	42.09 2.19 0.00	40.16 1.91 0.00	39.72 1.82 0.00	39.89 1.83 0.00	44.60 2.04 0.00	56.98 2.51 0.00	66.51 3.71 0.00	60.67 3.33 0.00	59.00 3.23 0.00	56.61 3.00 0.00	53.21 3.01 0.00	52.03 2.99 0.00	51.51 2.87 0.00	50.88 2.88 0.00	51.09 2.89 0.00	51.50 3.05 0.00	55.92 3.17 0.00	59.78 3.49 0.00	65.33 3.87 0.00	61.58 3.70 0.00	55.81 2.96 0.00	53.85 2.81 0.00	51.32 2.58 0.00
RAVENSWOOD_GT2_4 24247	43.40 2.30 0.00	42.09 2.19 0.00	40.16 1.91 0.00	39.72 1.82 0.00	39.89 1.83 0.00	44.60 2.04 0.00	56.98 2.51 0.00	66.51 3.71 0.00	60.67 3.33 0.00	59.00 3.23 0.00	56.61 3.00 0.00	53.21 3.01 0.00	52.03 2.99 0.00	51.51 2.87 0.00	50.88 2.88 0.00	51.09 2.89 0.00	51.50 3.05 0.00	55.92 3.17 0.00	59.78 3.49 0.00	65.33 3.87 0.00	61.58 3.70 0.00	55.81 2.96 0.00	53.85 2.81 0.00	51.32 2.58 0.00
RAVENSWOOD_GT3_1 24248	43.40 2.30 0.00	42.09 2.19 0.00	40.16 1.91 0.00	39.72 1.82 0.00	39.89 1.83 0.00	44.60 2.04 0.00	56.98 2.51 0.00	66.51 3.71 0.00	60.67 3.33 0.00	59.00 3.23 0.00	56.61 3.00 0.00	53.21 3.01 0.00	51.98 2.94 0.00	51.51 2.87 0.00	50.88 2.88 0.00	51.09 2.89 0.00	51.46 3.00 0.00	55.86 3.11 0.00	59.73 3.43 0.00	65.27 3.81 0.00	61.58 3.70 0.00	55.76 2.91 0.00	53.85 2.81 0.00	51.27 2.53 0.00
RAVENSWOOD_GT3_2 24249	43.40 2.30 0.00	42.09 2.19 0.00	40.16 1.91 0.00	39.72 1.82 0.00	39.89 1.83 0.00	44.60 2.04 0.00	56.98 2.51 0.00	66.51 3.71 0.00	60.67 3.33 0.00	59.00 3.23 0.00	56.61 3.00 0.00	53.21 3.01 0.00	51.98 2.94 0.00	51.51 2.87 0.00	50.88 2.88 0.00	51.09 2.89 0.00	51.46 3.00 0.00	55.86 3.11 0.00	59.73 3.43 0.00	65.27 3.81 0.00	61.58 3.70 0.00	55.76 2.91 0.00	53.85 2.81 0.00	51.27 2.53 0.00
RAVENSWOOD_GT3_3 24250	43.44 2.34 0.00	42.13 2.23 0.00	40.20 1.95 0.00	39.76 1.86 0.00	39.93 1.87 0.00	44.64 2.09 0.00	57.04 2.56 0.00	66.58 3.77 0.00	60.73 3.38 0.00	59.06 3.29 0.00	56.72 3.11 0.00	53.26 3.06 0.00	52.08 3.04 0.00	51.56 2.92 0.00	50.93 2.93 0.00	51.14 2.94 0.00	51.55 3.10 0.00	55.97 3.22 0.00	59.84 3.55 0.00	65.39 3.93 0.00	61.64 3.76 0.00	55.86 3.01 0.00	53.90 2.86 0.00	51.32 2.58 0.00
RAVENSWOOD_GT3_4 24251	43.44 2.34 0.00	42.13 2.23 0.00	40.20 1.95 0.00	39.76 1.86 0.00	39.93 1.87 0.00	44.64 2.09 0.00	57.04 2.56 0.00	66.58 3.77 0.00	60.73 3.38 0.00	59.06 3.29 0.00	56.72 3.11 0.00	53.26 3.06 0.00	52.08 3.04 0.00	51.56 2.92 0.00	50.93 2.93 0.00	51.14 2.94 0.00	51.55 3.10 0.00	55.97 3.22 0.00	59.84 3.55 0.00	65.39 3.93 0.00	61.64 3.76 0.00	55.86 3.01 0.00	53.90 2.86 0.00	51.32 2.58 0.00
RAVENSWOOD_GT_1 23729	43.61 2.51 0.00	42.29 2.39 0.00	40.31 2.07 0.00	39.87 1.97 0.00	40.04 1.98 0.00	44.81 2.26 0.00	57.20 2.72 0.00	66.83 4.02 0.00	60.96 3.61 -0.01	60.26 3.51 -0.98	56.89 3.27 -0.01	56.37 3.26 -2.91	56.32 3.24 -4.04	58.29 3.11 -6.53	55.86 3.12 -4.73	55.90 3.13 -4.57	56.32 3.29 -4.57	56.19 3.43 -0.01	60.07 3.77 -0.01	65.57 4.12 0.00	61.88 3.99 -0.01	56.08 3.22 -0.01	54.11 3.06 -0.01	51.57 2.83 -0.01
RAVENSWOOD_GT_10 24258	43.40 2.30 0.00	42.05 2.15 0.00	40.12 1.87 0.00	39.72 1.82 0.00	39.85 1.79 0.00	44.60 2.04 0.00	56.98 2.51 0.00	66.45 3.64 0.00	60.61 3.27 0.00	59.11 3.23 -0.11	56.61 3.00 0.00	53.50 2.96 -0.34	52.45 2.94 -0.47	52.21 2.82 -0.75	51.38 2.83 -0.55	51.57 2.84 -0.53	51.98 3.00 -0.53	55.86 3.11 0.00	59.73 3.43 0.00	65.27 3.81 0.00	61.52 3.65 0.00	55.76 2.91 0.00	53.80 2.76 0.00	51.27 2.53 0.00
RAVENSWOOD_GT_11 24259	43.40 2.30 0.00	42.05 2.15 0.00	40.12 1.87 0.00	39.72 1.82 0.00	39.85 1.79 0.00	44.60 2.04 0.00	56.98 2.51 0.00	66.45 3.64 0.00	60.61 3.27 0.00	59.11 3.23 -0.11	56.61 3.00 0.00	53.50 2.96 -0.34	52.45 2.94 -0.47	52.21 2.82 -0.75	51.38 2.83 -0.55	51.57 2.84 -0.53	51.98 3.00 -0.53	55.86 3.11 0.00	59.73 3.43 0.00	65.27 3.81 0.00	61.52 3.65 0.00	55.76 2.91 0.00	53.80 2.76 0.00	51.27 2.53 0.00
RAVENSWOOD_GT_4 24252	43.36 2.26 0.00	42.01 2.11 0.00	40.12 1.87 0.00	39.68 1.78 0.00	39.85 1.79 0.00	44.56 2.00 0.00	56.93 2.45 0.00	66.39 3.58 0.00	60.56 3.21 -0.01	59.64 3.12 -0.75	56.56 2.95 -0.01	55.32 2.91 -2.21	55.01 2.89 -3.07	56.39 2.77 -4.97	54.39 2.78 -3.60	54.47 2.80 -3.48	54.89 2.96 -3.48	55.82 3.06 -0.01	59.68 3.38 -0.01	65.20 3.75 0.00	61.47 3.59 -0.01	55.71 2.85 -0.01	53.75 2.71 -0.01	51.23 2.49 -0.01
RAVENSWOOD_GT_5 24254	43.36 2.26 0.00	42.01 2.11 0.00	40.12 1.87 0.00	39.68 1.78 0.00	39.85 1.79 0.00	44.56 2.00 0.00	56.93 2.45 0.00	66.39 3.58 0.00	60.56 3.21 -0.01	59.64 3.12 -0.75	56.56 2.95 -0.01	55.32 2.91 -2.21	55.01 2.89 -3.07	56.39 2.77 -4.97	54.39 2.78 -3.60	54.47 2.80 -3.48	54.89 2.96 -3.48	55.82 3.06 -0.01	59.68 3.38 -0.01	65.20 3.75 0.00	61.47 3.59 -0.01	55.71 2.85 -0.01	53.75 2.71 -0.01	51.23 2.49 -0.01
RAVENSWOOD_GT_6 24253	43.36 2.26 0.00	42.01 2.11 0.00	40.12 1.87 0.00	39.68 1.78 0.00	39.85 1.79 0.00	44.56 2.00 0.00	56.93 2.45 0.00	66.39 3.58 0.00	60.56 3.21 -0.01	59.64 3.12 -0.75	56.56 2.95 -0.01	55.32 2.91 -2.21	55.01 2.89 -3.07	56.39 2.77 -4.97	54.39 2.78 -3.60	54.47 2.80 -3.48	54.89 2.96 -3.48	55.82 3.06 -0.01	59.68 3.38 -0.01	65.20 3.75 0.00	61.47 3.59 -0.01	55.71 2.85 -0.01	53.75 2.71 -0.01	51.23 2.49 -0.01
RAVENSWOOD_GT_7 24255	43.36 2.26 0.00	42.01 2.11 0.00	40.12 1.87 0.00	39.68 1.78 0.00	39.85 1.79 0.00	44.56 2.00 0.00	56.93 2.45 0.00	66.39 3.58 0.00	60.56 3.21 -0.01	59.64 3.12 -0.75	56.56 2.95 -0.01	55.32 2.91 -2.21	55.01 2.89 -3.07	56.39 2.77 -4.97	54.39 2.78 -3.60	54.47 2.80 -3.48	54.89 2.96 -3.48	55.82 3.06 -0.01	59.68 3.38 -0.01	65.20 3.75 0.00	61.47 3.59 -0.01	55.71 2.85 -0.01	53.75 2.71 -0.01	51.23 2.49 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	43.40 2.30 0.00	42.05 2.15 0.00	40.12 1.87 0.00	39.72 1.82 0.00	39.85 1.79 0.00	44.60 2.04 0.00	56.98 2.51 0.00	66.45 3.64 0.00	60.61 3.27 0.00	59.11 3.23 -0.11	56.61 3.00 0.00	53.50 2.96 -0.34	52.45 2.94 -0.47	52.21 2.82 -0.75	51.38 2.83 -0.55	51.57 2.84 -0.53	51.98 3.00 -0.53	55.86 3.11 0.00	59.73 3.43 0.00	65.27 3.81 0.00	61.52 3.65 0.00	55.76 2.91 0.00	53.80 2.76 0.00	51.27 2.53 0.00

RAVENSWOOD_GT_9 24257	43.40 2.30 0.00	42.05 2.15 0.00	40.12 1.87 0.00	39.72 1.82 0.00	39.85 1.79 0.00	44.60 2.04 0.00	56.98 2.51 0.00	66.45 3.64 0.00	60.61 3.27 0.00	59.11 3.23 -0.11	56.61 3.00 0.00	53.50 2.96 -0.34	52.45 2.94 -0.47	52.21 2.82 -0.75	51.38 2.83 -0.55	51.57 2.84 -0.53	51.98 3.00 -0.53	55.86 3.11 0.00	59.73 3.43 0.00	65.27 3.81 0.00	61.52 3.65 0.00	55.76 2.91 0.00	53.80 2.76 0.00	51.27 2.53 0.00
RAVENSWOOD___1 23533	43.61 2.51 0.00	42.21 2.31 0.00	40.31 2.06 0.00	39.87 1.97 0.00	40.04 1.98 0.00	44.77 2.21 0.00	57.20 2.72 0.00	66.83 4.02 0.00	60.96 3.61 -0.01	60.27 3.52 -0.98	56.94 3.32 -0.01	56.32 3.22 -2.91	56.32 3.24 -4.04	58.29 3.12 -6.53	55.85 3.12 -4.73	55.90 3.13 -4.57	56.32 3.30 -4.57	56.14 3.38 -0.01	60.13 3.83 -0.01	65.64 4.18 0.00	61.88 3.99 -0.01	56.14 3.28 -0.01	54.06 3.01 -0.01	51.47 2.73 -0.01
RAVENSWOOD___2 23534	43.61 2.51 0.00	42.21 2.31 0.00	40.31 2.06 0.00	39.87 1.97 0.00	40.04 1.98 0.00	44.77 2.21 0.00	57.20 2.72 0.00	66.83 4.02 0.00	60.96 3.61 -0.01	60.27 3.52 -0.98	56.94 3.32 -0.01	56.32 3.22 -2.91	56.32 3.24 -4.04	58.29 3.12 -6.53	55.85 3.12 -4.73	55.90 3.13 -4.57	56.32 3.30 -4.57	56.14 3.38 -0.01	60.13 3.83 -0.01	65.64 4.18 0.00	61.88 3.99 -0.01	56.14 3.28 -0.01	54.06 3.01 -0.01	51.47 2.73 -0.01
RAVENSWOOD___3 23535	43.40 2.30 0.00	42.01 2.11 0.00	40.16 1.91 0.00	39.72 1.82 0.00	39.89 1.83 0.00	44.60 2.04 0.00	56.98 2.51 0.00	66.51 3.70 0.00	60.67 3.32 0.00	59.00 3.23 0.00	56.61 3.00 0.00	53.16 2.96 0.00	51.99 2.94 -0.01	51.51 2.87 0.00	50.84 2.83 0.00	51.09 2.89 0.00	51.51 3.05 0.00	55.81 3.06 0.00	59.78 3.49 0.00	65.33 3.87 0.00	61.58 3.71 0.00	55.81 2.96 0.00	53.79 2.75 0.00	51.22 2.48 0.00
RAVENSWOOD___4 23820	43.61 2.51 0.00	42.21 2.31 0.00	40.31 2.06 0.00	39.87 1.97 0.00	40.04 1.98 0.00	44.77 2.21 0.00	57.20 2.72 0.00	66.83 4.02 0.00	60.96 3.61 -0.01	60.27 3.52 -0.98	56.94 3.32 -0.01	56.32 3.22 -2.91	56.32 3.24 -4.04	58.29 3.12 -6.53	55.85 3.12 -4.73	55.90 3.13 -4.57	56.32 3.30 -4.57	56.14 3.38 -0.01	60.13 3.83 -0.01	65.64 4.18 0.00	61.88 3.99 -0.01	56.14 3.28 -0.01	54.06 3.01 -0.01	51.47 2.73 -0.01
RCPI_TRUST___DRP 24196	43.61 2.51 0.00	42.29 2.39 0.00	40.35 2.10 0.00	39.91 2.01 0.00	40.08 2.02 0.00	44.86 2.30 0.00	57.36 2.89 0.00	67.01 4.21 0.00	61.13 3.78 0.00	59.50 3.74 0.00	57.09 3.48 0.00	53.66 3.46 0.00	52.47 3.43 0.00	52.00 3.36 0.00	51.32 3.31 0.00	51.52 3.33 0.00	51.94 3.49 0.00	56.29 3.53 0.00	60.18 3.88 0.00	65.76 4.30 0.00	61.93 4.05 0.00	56.13 3.28 0.00	54.10 3.06 0.00	51.56 2.83 0.00
RED___ROCHESTER 323720	40.77 -0.33 0.00	39.42 -0.48 0.00	37.90 -0.34 0.00	37.64 -0.26 0.00	37.91 -0.15 0.00	42.39 -0.17 0.00	54.26 -0.22 0.00	63.19 0.38 0.00	57.11 -0.23 0.00	55.32 -0.45 0.00	53.39 -0.21 0.00	50.35 0.15 0.00	48.85 -0.20 0.00	48.74 0.10 0.00	48.00 0.00 0.00	48.15 -0.05 0.00	48.06 -0.39 0.00	52.22 -0.53 0.00	56.07 -0.22 0.00	61.27 -0.18 0.00	57.70 -0.17 0.00	52.22 -0.63 0.00	50.69 -0.35 0.00	48.30 -0.44 0.00
REGAN___SOLAR 323812	44.14 3.04 0.00	42.97 3.07 0.00	41.15 2.91 0.00	40.78 2.88 0.00	40.99 2.93 0.00	45.92 3.36 0.00	59.32 4.85 0.00	68.39 5.59 0.00	61.87 4.53 0.00	59.56 3.79 0.00	57.09 3.48 0.00	53.11 2.91 0.00	52.03 2.99 0.00	51.51 2.87 0.00	51.12 3.12 0.00	51.23 3.04 0.00	51.60 3.15 0.00	56.50 3.75 0.00	60.85 4.56 0.00	66.87 5.41 0.00	62.79 4.92 0.00	57.13 4.28 0.00	54.87 3.83 0.00	52.34 3.61 0.00
RENSSELAER___COGEN 23796	41.80 0.70 0.00	40.58 0.68 0.00	38.82 0.57 0.00	38.43 0.53 0.00	38.60 0.53 0.00	43.03 0.47 0.00	55.24 0.76 0.00	63.81 1.00 0.00	58.14 0.80 0.00	56.32 0.56 0.00	54.09 0.48 0.00	50.60 0.40 0.00	49.43 0.39 0.00	48.98 0.34 0.00	48.43 0.43 0.00	48.63 0.43 0.00	48.99 0.53 0.00	53.39 0.64 0.00	57.14 0.85 0.00	62.50 1.04 0.00	58.80 0.92 0.00	53.49 0.64 0.00	51.55 0.51 0.00	49.17 0.44 0.00
REPUBLIC_115KV_BARTNBRK 55605	44.39 3.29 0.00	43.37 3.47 0.00	41.54 3.29 0.00	41.12 3.22 0.00	41.30 3.24 0.00	46.18 3.62 0.00	60.09 5.61 0.00	69.15 6.34 0.00	62.85 5.50 0.00	60.40 4.63 0.00	58.11 4.50 0.00	53.96 3.76 0.00	52.62 3.58 0.00	51.90 3.26 0.00	51.75 3.74 0.00	51.71 3.52 0.00	52.13 3.68 0.00	57.08 4.33 0.00	61.47 5.18 0.00	67.48 6.02 0.00	63.26 5.38 0.00	57.45 4.60 0.00	55.23 4.19 0.00	52.78 4.05 0.00
REVERE_CPPR_DRP 24186	42.21 1.11 0.00	40.98 1.08 0.00	39.36 1.11 0.00	39.00 1.10 0.00	39.21 1.14 0.00	44.00 1.45 0.00	56.60 2.12 0.00	65.63 2.83 0.00	59.58 2.24 0.00	57.66 1.90 0.00	55.54 1.93 0.00	51.85 1.66 0.00	50.66 1.62 0.00	50.44 1.80 0.00	49.78 1.78 0.00	49.93 1.74 0.00	50.20 1.74 0.00	54.54 1.79 0.00	58.54 2.25 0.00	64.16 2.70 0.00	60.48 2.60 0.00	54.81 1.96 0.00	52.88 1.84 0.00	50.29 1.56 0.00
REYNOLDS_115KV_TB3 80639	42.17 1.07 0.00	40.94 1.04 0.00	39.17 0.92 0.00	38.77 0.87 0.00	38.94 0.88 0.00	43.41 0.85 0.00	55.78 1.31 0.00	64.50 1.70 0.00	58.78 1.43 0.00	56.83 1.06 0.00	54.63 1.02 0.00	51.10 0.90 0.00	49.88 0.83 0.00	49.42 0.78 0.00	48.87 0.86 0.00	49.06 0.87 0.00	49.42 0.97 0.00	53.91 1.16 0.00	57.70 1.41 0.00	63.05 1.60 0.00	59.38 1.50 0.00	54.01 1.16 0.00	52.01 0.97 0.00	49.56 0.83 0.00
RIVERBAY____ 323610	43.69 2.59 0.00	42.37 2.47 0.00	40.35 2.10 0.00	39.91 2.01 0.00	40.08 2.02 0.00	44.81 2.26 0.00	57.20 2.72 0.00	66.76 3.96 0.00	60.91 3.56 -0.01	59.18 3.40 -0.01	56.73 3.11 -0.01	53.42 3.21 -0.01	52.08 3.04 0.00	51.57 2.92 -0.01	50.89 2.88 -0.01	51.10 2.89 -0.01	51.51 3.05 -0.01	55.98 3.22 -0.01	60.02 3.72 -0.01	65.57 4.12 0.00	61.94 4.05 -0.01	56.03 3.17 -0.01	54.16 3.11 -0.01	51.57 2.83 -0.01
RIVERSDE_115KV_TB3 55908	42.01 0.90 0.00	40.78 0.88 0.00	39.01 0.76 0.00	38.62 0.72 0.00	38.79 0.72 0.00	43.24 0.68 0.00	55.57 1.09 0.00	64.19 1.38 0.00	58.55 1.20 0.00	56.66 0.89 0.00	54.41 0.80 0.00	50.90 0.70 0.00	49.73 0.69 0.00	49.27 0.63 0.00	48.72 0.72 0.00	48.92 0.72 0.00	49.23 0.78 0.00	53.70 0.95 0.00	57.48 1.18 0.00	62.81 1.35 0.00	59.09 1.22 0.00	53.80 0.95 0.00	51.81 0.77 0.00	49.37 0.63 0.00
ROARING___BROOK_WT_PWR 323790	40.28 -0.82 0.00	39.14 -0.76 0.00	37.60 -0.65 0.00	37.29 -0.61 0.00	37.49 -0.57 0.00	41.96 -0.60 0.00	53.71 -0.76 0.00	61.68 -1.13 0.00	56.60 -0.75 0.00	55.21 -0.56 0.00	53.13 -0.48 0.00	49.75 -0.45 0.00	48.65 -0.39 0.00	48.30 -0.34 0.00	47.67 -0.33 0.00	47.86 -0.34 0.00	48.16 -0.29 0.00	52.49 -0.26 0.00	55.84 -0.45 0.00	60.90 -0.55 0.00	57.35 -0.52 0.00	52.54 -0.32 0.00	50.74 -0.30 0.00	48.49 -0.24 0.00

ROCHESRG_115KV_T4 355643	40.36 -0.74 0.00	39.02 -0.88 0.00	37.60 -0.65 0.00	37.33 -0.57 0.00	37.57 -0.49 0.00	42.00 -0.55 0.00	53.71 -0.76 0.00	62.49 -0.31 0.00	56.42 -0.92 0.00	54.71 -1.06 0.00	52.80 -0.80 0.00	49.70 -0.50 0.00	48.31 -0.74 0.00	48.10 -0.54 0.00	47.43 -0.58 0.00	47.62 -0.58 0.00	47.53 -0.92 0.00	51.49 -1.27 0.00	55.39 -0.90 0.00	60.60 -0.86 0.00	57.01 -0.87 0.00	51.74 -1.11 0.00	50.12 -0.92 0.00	47.86 -0.88 0.00
ROCHESTER_9_IC 23652	40.57 -0.53 0.00	39.22 -0.68 0.00	37.75 -0.50 0.00	37.48 -0.42 0.00	37.76 -0.30 0.00	42.22 -0.34 0.00	54.04 -0.44 0.00	62.87 0.06 0.00	56.77 -0.57 0.00	55.04 -0.72 0.00	53.13 -0.48 0.00	50.00 -0.20 0.00	48.60 -0.44 0.00	48.45 -0.19 0.00	47.72 -0.29 0.00	47.91 -0.29 0.00	47.82 -0.63 0.00	51.80 -0.95 0.00	55.73 -0.56 0.00	60.96 -0.49 0.00	57.36 -0.52 0.00	52.00 -0.85 0.00	50.43 -0.61 0.00	48.10 -0.63 0.00
ROCKVIEW_13_KV_LD 356306	43.36 2.26 0.00	42.05 2.15 0.00	40.12 1.87 0.00	39.72 1.82 0.00	39.85 1.79 0.00	44.56 2.00 0.00	56.93 2.45 0.00	66.39 3.58 0.00	60.50 3.15 0.00	58.89 3.12 0.00	56.50 2.89 0.00	53.01 2.81 0.00	51.84 2.80 0.00	51.36 2.72 0.00	50.69 2.69 0.00	50.90 2.70 0.00	51.31 2.86 0.00	55.76 3.01 0.00	59.67 3.38 0.00	65.20 3.75 0.00	61.35 3.47 0.00	55.65 2.80 0.00	53.75 2.71 0.00	51.17 2.44 0.00
ROME____115KV_TB2 80656	42.21 1.11 0.00	40.98 1.08 0.00	39.36 1.11 0.00	39.00 1.10 0.00	39.21 1.14 0.00	44.00 1.45 0.00	56.60 2.12 0.00	65.63 2.83 0.00	59.58 2.24 0.00	57.66 1.90 0.00	55.54 1.93 0.00	51.85 1.66 0.00	50.66 1.62 0.00	50.44 1.80 0.00	49.78 1.78 0.00	49.93 1.74 0.00	50.20 1.74 0.00	54.54 1.79 0.00	58.54 2.25 0.00	64.16 2.70 0.00	60.48 2.60 0.00	54.81 1.96 0.00	52.88 1.84 0.00	50.29 1.56 0.00
ROSETON___1 23587	42.66 1.56 0.00	41.38 1.48 0.00	39.55 1.30 0.00	39.15 1.25 0.00	39.32 1.25 0.00	43.92 1.36 0.00	56.11 1.63 0.00	65.32 2.51 0.00	59.47 2.12 0.00	57.72 1.95 0.00	55.43 1.82 0.00	51.95 1.76 0.00	50.80 1.76 0.00	50.34 1.70 0.00	49.68 1.68 0.00	49.93 1.73 0.00	50.29 1.84 0.00	54.65 1.90 0.00	58.60 2.31 0.00	64.04 2.58 0.00	60.31 2.43 0.00	54.70 1.85 0.00	52.78 1.74 0.00	50.29 1.56 0.00
ROSETON___2 23588	42.66 1.56 0.00	41.38 1.48 0.00	39.55 1.30 0.00	39.15 1.25 0.00	39.32 1.25 0.00	43.92 1.36 0.00	56.11 1.63 0.00	65.32 2.51 0.00	59.47 2.12 0.00	57.72 1.95 0.00	55.43 1.82 0.00	51.95 1.76 0.00	50.80 1.76 0.00	50.34 1.70 0.00	49.68 1.68 0.00	49.93 1.73 0.00	50.29 1.84 0.00	54.65 1.90 0.00	58.60 2.31 0.00	64.04 2.58 0.00	60.31 2.43 0.00	54.70 1.85 0.00	52.78 1.74 0.00	50.29 1.56 0.00
ROTRDAM_115KV_TB3 80664	42.25 1.15 0.00	41.06 1.16 0.00	39.28 1.03 0.00	38.92 1.02 0.00	39.09 1.03 0.00	43.66 1.11 0.00	56.11 1.63 0.00	64.82 2.01 0.00	59.01 1.66 0.00	57.16 1.39 0.00	54.90 1.29 0.00	51.35 1.15 0.00	50.17 1.13 0.00	49.71 1.07 0.00	49.16 1.15 0.00	49.35 1.16 0.00	49.66 1.21 0.00	54.12 1.37 0.00	57.98 1.69 0.00	63.42 1.97 0.00	59.67 1.79 0.00	54.33 1.48 0.00	52.37 1.33 0.00	49.95 1.22 0.00
RUSSELL___1 23602	40.73 -0.37 0.00	39.34 -0.56 0.00	37.90 -0.34 0.00	37.63 -0.27 0.00	37.91 -0.15 0.00	42.39 -0.17 0.00	54.26 -0.22 0.00	63.18 0.38 0.00	57.11 -0.23 0.00	55.32 -0.45 0.00	53.39 -0.21 0.00	50.25 0.05 0.00	48.85 -0.20 0.00	48.74 0.10 0.00	48.00 0.00 0.00	48.15 -0.05 0.00	48.06 -0.39 0.00	52.07 -0.69 0.00	56.01 -0.28 0.00	61.33 -0.12 0.00	57.70 -0.17 0.00	52.27 -0.58 0.00	50.68 -0.36 0.00	48.35 -0.39 0.00
RUSSELL___2 23532	40.73 -0.37 0.00	39.34 -0.56 0.00	37.90 -0.34 0.00	37.63 -0.27 0.00	37.91 -0.15 0.00	42.39 -0.17 0.00	54.26 -0.22 0.00	63.18 0.38 0.00	57.11 -0.23 0.00	55.32 -0.45 0.00	53.39 -0.21 0.00	50.25 0.05 0.00	48.85 -0.20 0.00	48.74 0.10 0.00	48.00 0.00 0.00	48.15 -0.05 0.00	48.06 -0.39 0.00	52.07 -0.69 0.00	56.01 -0.28 0.00	61.33 -0.12 0.00	57.70 -0.17 0.00	52.27 -0.58 0.00	50.68 -0.36 0.00	48.35 -0.39 0.00
RUSSELL___3 23549	40.73 -0.37 0.00	39.34 -0.56 0.00	37.90 -0.34 0.00	37.63 -0.27 0.00	37.91 -0.15 0.00	42.39 -0.17 0.00	54.26 -0.22 0.00	63.18 0.38 0.00	57.11 -0.23 0.00	55.32 -0.45 0.00	53.39 -0.21 0.00	50.25 0.05 0.00	48.85 -0.20 0.00	48.74 0.10 0.00	48.00 0.00 0.00	48.15 -0.05 0.00	48.06 -0.39 0.00	52.07 -0.69 0.00	56.01 -0.28 0.00	61.33 -0.12 0.00	57.70 -0.17 0.00	52.27 -0.58 0.00	50.68 -0.36 0.00	48.35 -0.39 0.00
RUSSELL___4 23556	40.73 -0.37 0.00	39.34 -0.56 0.00	37.90 -0.34 0.00	37.63 -0.27 0.00	37.91 -0.15 0.00	42.39 -0.17 0.00	54.26 -0.22 0.00	63.18 0.38 0.00	57.11 -0.23 0.00	55.32 -0.45 0.00	53.39 -0.21 0.00	50.25 0.05 0.00	48.85 -0.20 0.00	48.74 0.10 0.00	48.00 0.00 0.00	48.15 -0.05 0.00	48.06 -0.39 0.00	52.07 -0.69 0.00	56.01 -0.28 0.00	61.33 -0.12 0.00	57.70 -0.17 0.00	52.27 -0.58 0.00	50.68 -0.36 0.00	48.35 -0.39 0.00
RUSSELL___STATION 23914	40.73 -0.37 0.00	39.34 -0.56 0.00	37.90 -0.34 0.00	37.63 -0.27 0.00	37.91 -0.15 0.00	42.39 -0.17 0.00	54.26 -0.22 0.00	63.18 0.38 0.00	57.11 -0.23 0.00	55.32 -0.45 0.00	53.39 -0.21 0.00	50.25 0.05 0.00	48.85 -0.20 0.00	48.74 0.10 0.00	48.00 0.00 0.00	48.15 -0.05 0.00	48.06 -0.39 0.00	52.07 -0.69 0.00	56.01 -0.28 0.00	61.33 -0.12 0.00	57.70 -0.17 0.00	52.27 -0.58 0.00	50.68 -0.36 0.00	48.35 -0.39 0.00
S SALMON___HYD 24043	40.40 -0.70 0.00	39.22 -0.68 0.00	37.64 -0.61 0.00	37.33 -0.57 0.00	37.49 -0.57 0.00	42.05 -0.51 0.00	53.98 -0.49 0.00	62.56 -0.25 0.00	56.71 -0.63 0.00	54.93 -0.83 0.00	52.81 -0.80 0.00	49.39 -0.81 0.00	48.21 -0.83 0.00	47.91 -0.73 0.00	47.29 -0.72 0.00	47.52 -0.67 0.00	47.73 -0.73 0.00	52.01 -0.74 0.00	55.79 -0.51 0.00	61.15 -0.31 0.00	57.65 -0.23 0.00	52.32 -0.53 0.00	50.53 -0.51 0.00	48.20 -0.54 0.00
S.PERRY___115KV_TB1 80734	41.35 0.25 0.00	40.10 0.20 0.00	38.59 0.34 0.00	38.39 0.49 0.00	38.71 0.65 0.00	43.41 0.85 0.00	55.67 1.20 0.00	64.94 2.14 0.00	58.14 0.80 0.00	55.93 0.17 0.00	53.77 0.16 0.00	50.50 0.30 0.00	49.09 0.05 0.00	48.74 0.10 0.00	47.96 -0.05 0.00	48.44 0.24 0.00	48.60 0.15 0.00	52.91 0.16 0.00	57.42 1.13 0.00	63.12 1.66 0.00	59.50 1.62 0.00	53.70 0.85 0.00	52.06 1.02 0.00	49.51 0.78 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	39.70 -1.40 0.00	38.34 -1.56 0.00	37.03 -1.22 0.00	36.88 -1.02 0.00	37.23 -0.84 0.00	41.49 -1.06 0.00	53.01 -1.47 0.00	61.74 -1.07 0.00	55.22 -2.12 0.00	53.20 -2.57 0.00	51.52 -2.09 0.00	48.69 -1.51 0.00	47.37 -1.67 0.00	47.03 -1.61 0.00	46.28 -1.73 0.00	46.51 -1.69 0.00	46.32 -2.13 0.00	49.96 -2.80 0.00	53.98 -2.31 0.00	59.24 -2.21 0.00	55.74 -2.14 0.00	50.26 -2.59 0.00	49.15 -1.89 0.00	46.79 -1.95 0.00

SAWYER___23_KV_LOAD 55526	39.70 -1.40 0.00	38.34 -1.56 0.00	37.03 -1.22 0.00	36.88 -1.02 0.00	37.23 -0.84 0.00	41.49 -1.06 0.00	53.01 -1.47 0.00	61.74 -1.07 0.00	55.22 -2.12 0.00	53.20 -2.57 0.00	51.52 -2.09 0.00	48.69 -1.51 0.00	47.37 -1.67 0.00	47.03 -1.61 0.00	46.28 -1.73 0.00	46.51 -1.69 0.00	46.32 -2.13 0.00	49.96 -2.80 0.00	53.98 -2.31 0.00	59.24 -2.21 0.00	55.74 -2.14 0.00	50.26 -2.59 0.00	49.15 -1.89 0.00	46.79 -1.95 0.00
SELKIRK___I 23801	42.09 0.98 0.00	40.90 1.00 0.00	39.17 0.92 0.00	38.77 0.87 0.00	38.94 0.88 0.00	43.41 0.85 0.00	55.67 1.20 0.00	64.31 1.50 0.00	58.55 1.21 0.00	56.66 0.89 0.00	54.41 0.81 0.00	50.85 0.65 0.00	49.68 0.64 0.00	49.23 0.59 0.00	48.68 0.67 0.00	48.87 0.67 0.00	49.22 0.77 0.00	53.70 0.95 0.00	57.48 1.18 0.00	62.81 1.35 0.00	59.15 1.27 0.00	53.91 1.06 0.00	51.96 0.92 0.00	49.61 0.88 0.00
SELKIRK___II 23799	41.88 0.78 0.00	40.66 0.76 0.00	38.90 0.65 0.00	38.54 0.64 0.00	38.71 0.65 0.00	43.15 0.60 0.00	55.35 0.87 0.00	64.00 1.19 0.00	58.32 0.97 0.00	56.49 0.72 0.00	54.25 0.65 0.00	50.75 0.55 0.00	49.58 0.54 0.00	49.13 0.49 0.00	48.58 0.58 0.00	48.78 0.58 0.00	49.13 0.68 0.00	53.49 0.74 0.00	57.31 1.01 0.00	62.62 1.16 0.00	58.92 1.04 0.00	53.64 0.79 0.00	51.70 0.66 0.00	49.32 0.59 0.00
SENECA OSWGO___HYD 24041	40.44 -0.66 0.00	39.34 -0.56 0.00	37.71 -0.54 0.00	37.37 -0.53 0.00	37.57 -0.50 0.00	42.05 -0.51 0.00	53.88 -0.60 0.00	62.49 -0.31 0.00	56.77 -0.57 0.00	55.10 -0.67 0.00	53.07 -0.54 0.00	49.70 -0.50 0.00	48.50 -0.54 0.00	48.15 -0.49 0.00	47.52 -0.48 0.00	47.71 -0.48 0.00	47.87 -0.58 0.00	52.01 -0.74 0.00	55.68 -0.62 0.00	60.84 -0.61 0.00	57.35 -0.52 0.00	52.11 -0.74 0.00	50.38 -0.66 0.00	48.15 -0.58 0.00
SENECA___115KV_TB3 355854	40.20 -0.90 0.00	38.78 -1.12 0.00	37.45 -0.80 0.00	37.37 -0.53 0.00	37.72 -0.34 0.00	42.05 -0.51 0.00	53.82 -0.65 0.00	62.81 0.00 0.00	56.08 -1.26 0.00	53.98 -1.78 0.00	52.21 -1.39 0.00	49.40 -0.80 0.00	48.06 -0.98 0.00	47.67 -0.97 0.00	46.90 -1.10 0.00	47.09 -1.11 0.00	46.90 -1.55 0.00	50.54 -2.22 0.00	54.72 -1.58 0.00	60.04 -1.41 0.00	56.49 -1.39 0.00	50.84 -2.01 0.00	49.71 -1.33 0.00	47.27 -1.46 0.00
SENECA___ENERGY 23797	40.90 -0.20 0.00	39.74 -0.16 0.00	38.13 -0.11 0.00	37.86 -0.04 0.00	38.10 0.04 0.00	42.73 0.17 0.00	54.59 0.11 0.00	63.56 0.76 0.00	57.51 0.17 0.00	55.66 -0.11 0.00	53.61 0.00 0.00	50.35 0.15 0.00	49.09 0.05 0.00	48.74 0.10 0.00	48.00 0.00 0.00	48.20 0.00 0.00	48.31 -0.14 0.00	52.54 -0.21 0.00	56.29 0.00 0.00	61.58 0.12 0.00	57.99 0.12 0.00	52.48 -0.37 0.00	50.94 -0.10 0.00	48.54 -0.19 0.00
SHOEMAKER___GT 23640	42.42 1.31 0.00	41.14 1.24 0.00	39.40 1.15 0.00	38.96 1.06 0.00	39.13 1.06 0.00	43.75 1.19 0.00	55.84 1.36 0.00	64.88 2.07 0.00	59.06 1.72 0.00	57.33 1.56 0.00	55.06 1.45 0.00	51.60 1.40 0.00	50.47 1.42 0.00	49.95 1.31 0.00	49.30 1.30 0.00	49.54 1.35 0.00	49.90 1.45 0.00	54.28 1.53 0.00	58.09 1.80 0.00	63.61 2.15 0.00	59.85 1.97 0.00	54.33 1.48 0.00	52.47 1.43 0.00	50.05 1.32 0.00
SHOEMAKR_138KV_BK 111 55601	42.46 1.36 0.00	41.18 1.28 0.00	39.36 1.11 0.00	38.96 1.06 0.00	39.13 1.07 0.00	43.75 1.19 0.00	55.84 1.36 0.00	64.88 2.07 0.00	59.06 1.72 0.00	57.33 1.56 0.00	55.06 1.45 0.00	51.60 1.41 0.00	50.46 1.42 0.00	50.00 1.36 0.00	49.35 1.34 0.00	49.59 1.40 0.00	49.95 1.50 0.00	54.33 1.58 0.00	58.15 1.86 0.00	63.61 2.15 0.00	59.84 1.97 0.00	54.33 1.48 0.00	52.47 1.43 0.00	50.05 1.32 0.00
SHOREHAM_IC_1 23715	43.78 2.67 -0.01	42.46 2.56 -0.01	40.24 1.99 0.00	39.79 1.89 0.00	39.70 1.64 0.00	44.81 2.25 0.00	55.46 0.98 0.00	64.88 2.07 0.00	58.20 0.86 0.00	56.44 0.67 0.00	53.93 0.32 0.00	50.65 0.45 0.00	49.63 0.59 0.00	49.13 0.49 0.00	48.77 0.77 0.00	48.82 0.62 0.00	49.96 1.50 0.00	55.86 3.11 0.00	59.91 3.61 -0.01	64.04 2.58 0.00	60.31 2.43 0.00	54.38 1.53 0.00	52.32 1.28 0.00	49.12 0.39 0.00
SHOREHAM_IC_2 23716	43.78 2.67 -0.01	42.46 2.56 -0.01	40.24 1.99 0.00	39.79 1.89 0.00	39.70 1.64 0.00	44.81 2.25 0.00	55.46 0.98 0.00	64.88 2.07 0.00	58.20 0.86 0.00	56.44 0.67 0.00	53.93 0.32 0.00	50.65 0.45 0.00	49.63 0.59 0.00	49.13 0.49 0.00	48.77 0.77 0.00	48.82 0.62 0.00	49.96 1.50 0.00	55.86 3.11 0.00	59.91 3.61 -0.01	64.04 2.58 0.00	60.31 2.43 0.00	54.38 1.53 0.00	52.32 1.28 0.00	49.12 0.39 0.00
SISSONVILLE____ 23735	40.07 -1.03 0.00	38.90 -1.00 0.00	37.45 -0.80 0.00	37.07 -0.83 0.00	37.15 -0.91 0.00	41.62 -0.94 0.00	52.84 -1.63 0.00	59.98 -2.83 0.00	55.39 -1.95 0.00	54.26 -1.51 0.00	52.21 -1.39 0.00	48.69 -1.51 0.00	47.52 -1.52 0.00	47.18 -1.46 0.00	46.52 -1.49 0.00	46.61 -1.59 0.00	46.95 -1.50 0.00	51.43 -1.32 0.00	54.44 -1.86 0.00	59.37 -2.09 0.00	56.08 -1.79 0.00	51.63 -1.22 0.00	49.87 -1.17 0.00	47.57 -1.17 0.00
SITHE_IND_GS1 24169	40.11 -0.99 0.00	38.98 -0.92 0.00	37.37 -0.88 0.00	37.03 -0.87 0.00	37.23 -0.84 0.00	41.66 -0.90 0.00	53.33 -1.15 0.00	61.74 -1.07 0.00	56.20 -1.15 0.00	54.54 -1.23 0.00	52.48 -1.13 0.00	49.19 -1.00 0.00	48.01 -1.03 0.00	47.67 -0.97 0.00	46.99 -1.01 0.00	47.18 -1.01 0.00	47.39 -1.07 0.00	51.54 -1.21 0.00	55.11 -1.18 0.00	60.23 -1.23 0.00	56.72 -1.16 0.00	51.64 -1.21 0.00	49.92 -1.12 0.00	47.71 -1.03 0.00
SITHE_IND_GS2 24170	40.11 -0.99 0.00	38.98 -0.92 0.00	37.37 -0.88 0.00	37.03 -0.87 0.00	37.23 -0.84 0.00	41.66 -0.90 0.00	53.33 -1.15 0.00	61.74 -1.07 0.00	56.20 -1.15 0.00	54.54 -1.23 0.00	52.48 -1.13 0.00	49.19 -1.00 0.00	48.01 -1.03 0.00	47.67 -0.97 0.00	46.99 -1.01 0.00	47.18 -1.01 0.00	47.39 -1.07 0.00	51.54 -1.21 0.00	55.11 -1.18 0.00	60.23 -1.23 0.00	56.72 -1.16 0.00	51.64 -1.21 0.00	49.92 -1.12 0.00	47.71 -1.03 0.00
SITHE_IND_GS3 24171	40.11 -0.99 0.00	38.98 -0.92 0.00	37.37 -0.88 0.00	37.03 -0.87 0.00	37.23 -0.84 0.00	41.66 -0.90 0.00	53.33 -1.15 0.00	61.74 -1.07 0.00	56.20 -1.15 0.00	54.54 -1.23 0.00	52.48 -1.13 0.00	49.19 -1.00 0.00	48.01 -1.03 0.00	47.67 -0.97 0.00	46.99 -1.01 0.00	47.18 -1.01 0.00	47.39 -1.07 0.00	51.54 -1.21 0.00	55.11 -1.18 0.00	60.23 -1.23 0.00	56.72 -1.16 0.00	51.64 -1.21 0.00	49.92 -1.12 0.00	47.71 -1.03 0.00
SITHE_IND_GS4 24172	40.11 -0.99 0.00	38.98 -0.92 0.00	37.37 -0.88 0.00	37.03 -0.87 0.00	37.23 -0.84 0.00	41.66 -0.90 0.00	53.33 -1.15 0.00	61.74 -1.07 0.00	56.20 -1.15 0.00	54.54 -1.23 0.00	52.48 -1.13 0.00	49.19 -1.00 0.00	48.01 -1.03 0.00	47.67 -0.97 0.00	46.99 -1.01 0.00	47.18 -1.01 0.00	47.39 -1.07 0.00	51.54 -1.21 0.00	55.11 -1.18 0.00	60.23 -1.23 0.00	56.72 -1.16 0.00	51.64 -1.21 0.00	49.92 -1.12 0.00	47.71 -1.03 0.00

SITHE___BATAVIA 24024	40.53 -0.58 0.00	39.14 -0.76 0.00	37.68 -0.57 0.00	37.48 -0.42 0.00	37.84 -0.23 0.00	42.26 -0.30 0.00	54.10 -0.38 0.00	63.19 0.38 0.00	56.60 -0.75 0.00	54.59 -1.17 0.00	52.75 -0.86 0.00	49.85 -0.35 0.00	48.21 -0.83 0.00	48.15 -0.49 0.00	47.33 -0.67 0.00	47.57 -0.63 0.00	47.39 -1.07 0.00	51.54 -1.21 0.00	55.50 -0.79 0.00	60.78 -0.67 0.00	57.18 -0.69 0.00	51.58 -1.27 0.00	50.33 -0.71 0.00	47.81 -0.93 0.00
SITHE___INDEPEND 23800	40.12 -0.99 0.00	38.94 -0.96 0.00	37.37 -0.88 0.00	37.03 -0.87 0.00	37.23 -0.84 0.00	41.62 -0.94 0.00	53.33 -1.14 0.00	61.74 -1.07 0.00	56.20 -1.15 0.00	54.54 -1.23 0.00	52.48 -1.13 0.00	49.19 -1.00 0.00	48.01 -1.03 0.00	47.67 -0.97 0.00	47.00 -1.01 0.00	47.18 -1.01 0.00	47.39 -1.07 0.00	51.49 -1.27 0.00	55.11 -1.18 0.00	60.23 -1.23 0.00	56.72 -1.16 0.00	51.63 -1.22 0.00	49.92 -1.12 0.00	47.71 -1.02 0.00
SITHE___MASSENA 23902	41.06 -0.04 0.00	39.90 0.00 0.00	38.36 0.12 0.00	37.98 0.08 0.00	38.06 0.00 0.00	42.56 0.00 0.00	54.04 -0.44 0.00	61.42 -1.38 0.00	56.77 -0.57 0.00	55.60 -0.17 0.00	53.45 -0.16 0.00	49.90 -0.30 0.00	48.85 -0.20 0.00	48.40 -0.24 0.00	47.72 -0.29 0.00	47.81 -0.39 0.00	48.11 -0.34 0.00	52.59 -0.16 0.00	55.62 -0.67 0.00	60.66 -0.80 0.00	57.24 -0.64 0.00	52.74 -0.11 0.00	50.94 -0.10 0.00	48.69 -0.05 0.00
SITHE___OGDNSBRG 24021	41.27 0.16 0.00	40.06 0.16 0.00	38.56 0.31 0.00	38.20 0.30 0.00	38.25 0.19 0.00	42.86 0.30 0.00	54.48 0.00 0.00	61.74 -1.07 0.00	56.77 -0.57 0.00	55.49 -0.28 0.00	53.18 -0.43 0.00	49.55 -0.65 0.00	48.45 -0.59 0.00	48.06 -0.58 0.00	47.43 -0.58 0.00	47.57 -0.63 0.00	47.97 -0.48 0.00	52.65 -0.11 0.00	55.90 -0.39 0.00	61.09 -0.37 0.00	57.70 -0.17 0.00	53.11 0.26 0.00	51.30 0.26 0.00	48.93 0.19 0.00
SITHE___STERLING 23777	42.00 0.90 0.00	40.78 0.88 0.00	39.13 0.88 0.00	38.81 0.91 0.00	39.02 0.95 0.00	43.75 1.19 0.00	56.17 1.69 0.00	65.13 2.33 0.00	59.12 1.78 0.00	57.27 1.51 0.00	55.11 1.50 0.00	51.55 1.36 0.00	50.37 1.32 0.00	50.05 1.41 0.00	49.40 1.39 0.00	49.54 1.35 0.00	49.81 1.35 0.00	54.12 1.37 0.00	58.09 1.80 0.00	63.61 2.15 0.00	59.90 2.02 0.00	54.38 1.53 0.00	52.47 1.43 0.00	49.95 1.22 0.00
SLEIGHT__34_KV_TB1 80719	40.53 -0.58 0.00	39.30 -0.60 0.00	37.79 -0.46 0.00	37.52 -0.38 0.00	37.76 -0.30 0.00	42.26 -0.30 0.00	54.15 -0.33 0.00	63.12 0.31 0.00	57.11 -0.23 0.00	55.38 -0.39 0.00	53.39 -0.21 0.00	50.15 -0.05 0.00	48.80 -0.25 0.00	48.59 -0.05 0.00	47.91 -0.10 0.00	48.05 -0.14 0.00	48.02 -0.44 0.00	52.01 -0.74 0.00	55.84 -0.45 0.00	61.03 -0.43 0.00	57.47 -0.41 0.00	52.16 -0.69 0.00	50.43 -0.61 0.00	48.15 -0.58 0.00
SOUTH CAIRO___GT 23612	42.79 1.69 0.00	41.62 1.72 0.00	39.89 1.64 0.00	39.38 1.48 0.00	39.55 1.48 0.00	44.13 1.57 0.00	57.04 2.56 0.00	65.76 2.95 0.00	59.69 2.35 0.00	57.38 1.62 0.00	54.84 1.23 0.00	51.10 0.90 0.00	49.92 0.88 0.00	49.42 0.78 0.00	48.92 0.91 0.00	49.21 1.01 0.00	49.76 1.31 0.00	54.49 1.74 0.00	58.38 2.08 0.00	64.04 2.58 0.00	60.25 2.37 0.00	54.81 1.96 0.00	52.83 1.79 0.00	50.44 1.71 0.00
SOUTH HAMPTN___IC 23720	44.36 3.25 -0.01	43.06 3.15 -0.01	40.77 2.52 0.00	40.33 2.43 0.00	40.19 2.13 0.00	45.37 2.81 0.00	56.22 1.74 0.00	65.76 2.95 0.00	59.01 1.66 0.00	57.21 1.45 0.00	54.57 0.97 0.00	51.20 1.00 0.00	50.11 1.08 0.00	49.61 0.97 0.00	49.25 1.25 0.00	49.26 1.06 0.00	50.39 1.94 0.00	56.34 3.59 0.00	60.36 4.06 -0.01	64.59 3.13 0.00	60.83 2.95 0.00	54.75 1.90 0.00	52.62 1.58 0.00	49.51 0.78 0.00
SOUTHDOW_115KV_TB1 355954	41.59 0.49 0.00	40.14 0.24 0.00	38.63 0.38 0.00	38.73 0.83 0.00	39.21 1.14 0.00	43.75 1.19 0.00	56.33 1.85 0.00	66.20 3.39 0.00	58.95 1.61 0.00	56.38 0.61 0.00	54.36 0.75 0.00	51.50 1.31 0.00	50.07 1.03 0.00	49.56 0.92 0.00	48.68 0.67 0.00	49.02 0.82 0.00	48.69 0.24 0.00	52.49 -0.26 0.00	57.14 0.84 0.00	62.68 1.23 0.00	58.92 1.04 0.00	52.74 -0.11 0.00	51.60 0.56 0.00	48.83 0.10 0.00
SOUTHOLD_69_KV_BK 2 55809	44.93 3.82 -0.01	43.62 3.71 -0.01	41.31 3.06 0.00	40.78 2.88 0.00	40.61 2.55 0.00	45.88 3.32 0.00	56.76 2.29 0.00	66.32 3.52 0.00	59.46 2.12 0.00	57.77 2.01 0.00	54.90 1.29 0.00	51.55 1.36 0.00	50.27 1.23 0.00	49.71 1.07 0.00	49.40 1.39 0.00	49.45 1.25 0.00	50.49 2.03 0.00	56.65 3.90 0.00	60.47 4.17 -0.01	64.90 3.44 0.00	61.00 3.13 0.00	54.91 2.06 0.00	53.29 2.25 0.00	50.34 1.61 0.00
SOUTHOLD___IC 23719	44.93 3.82 -0.01	43.58 3.67 -0.01	41.31 3.06 0.00	40.78 2.88 0.00	40.61 2.55 0.00	45.75 3.19 0.00	56.76 2.29 0.00	66.32 3.52 0.00	59.47 2.12 0.00	57.66 1.90 0.00	54.74 1.13 0.00	51.35 1.16 0.00	50.26 1.23 0.00	49.71 1.07 0.00	49.30 1.30 0.00	49.26 1.06 0.00	50.49 2.03 0.00	56.39 3.64 0.00	60.36 4.06 -0.01	64.71 3.25 0.00	60.83 2.95 0.00	54.75 1.90 0.00	52.62 1.58 0.00	49.71 0.97 0.00
SOUTH_FORK_WT_PWR 323839	44.89 3.78 -0.01	43.58 3.67 -0.01	41.27 3.02 0.00	40.74 2.84 0.00	40.54 2.47 0.00	45.66 3.11 0.00	56.49 2.02 0.00	65.95 3.14 0.00	59.12 1.78 0.00	57.27 1.51 0.00	54.20 0.59 0.00	50.85 0.65 0.00	49.77 0.74 0.00	49.18 0.54 0.00	48.72 0.72 0.00	48.68 0.48 0.00	49.90 1.45 0.00	55.81 3.06 0.00	59.62 3.32 -0.01	63.92 2.46 0.00	60.08 2.20 0.00	54.07 1.22 0.00	51.96 0.92 0.00	49.22 0.49 0.00
SPIERFLS_115KV_TB 1 80737	43.24 2.14 0.00	42.13 2.23 0.00	40.31 2.07 0.00	39.95 2.05 0.00	40.12 2.06 0.00	44.81 2.26 0.00	58.02 3.54 0.00	66.95 4.15 0.00	60.95 3.61 0.00	58.72 2.96 0.00	56.50 2.89 0.00	52.61 2.41 0.00	51.35 2.30 0.00	50.78 2.14 0.00	50.40 2.40 0.00	50.46 2.27 0.00	50.83 2.37 0.00	55.49 2.74 0.00	59.50 3.21 0.00	65.20 3.75 0.00	61.23 3.36 0.00	55.65 2.80 0.00	53.64 2.60 0.00	51.27 2.53 0.00
ST LAWRENCE____ 23600	40.73 -0.37 0.00	39.54 -0.36 0.00	37.98 -0.27 0.00	37.64 -0.26 0.00	37.72 -0.34 0.00	42.22 -0.34 0.00	53.82 -0.65 0.00	61.36 -1.44 0.00	56.54 -0.80 0.00	55.32 -0.45 0.00	53.13 -0.48 0.00	49.65 -0.55 0.00	48.60 -0.44 0.00	48.20 -0.44 0.00	47.52 -0.48 0.00	47.67 -0.53 0.00	47.92 -0.53 0.00	52.33 -0.42 0.00	55.39 -0.90 0.00	60.35 -1.10 0.00	56.89 -0.98 0.00	52.43 -0.42 0.00	50.63 -0.41 0.00	48.40 -0.34 0.00
STATE_CA_115KV_115_LB 55624	41.96 0.86 0.00	40.78 0.88 0.00	39.01 0.76 0.00	38.62 0.72 0.00	38.79 0.72 0.00	43.20 0.64 0.00	55.57 1.09 0.00	64.19 1.38 0.00	58.49 1.15 0.00	56.66 0.89 0.00	54.47 0.86 0.00	50.95 0.75 0.00	49.73 0.69 0.00	49.27 0.63 0.00	48.77 0.77 0.00	48.92 0.72 0.00	49.28 0.82 0.00	53.70 0.95 0.00	57.48 1.18 0.00	62.81 1.35 0.00	59.09 1.22 0.00	53.75 0.90 0.00	51.76 0.71 0.00	49.37 0.63 0.00

STATE_ST_34_KV_LOAD 55959	41.14 0.04 0.00	39.98 0.08 0.00	38.36 0.11 0.00	38.09 0.19 0.00	38.29 0.23 0.00	42.90 0.34 0.00	54.97 0.49 0.00	63.94 1.13 0.00	57.97 0.63 0.00	56.16 0.39 0.00	54.09 0.48 0.00	50.70 0.50 0.00	49.48 0.44 0.00	49.13 0.49 0.00	48.39 0.38 0.00	48.63 0.43 0.00	48.74 0.29 0.00	52.91 0.16 0.00	56.80 0.51 0.00	62.13 0.68 0.00	58.51 0.64 0.00	53.11 0.26 0.00	51.35 0.31 0.00	48.93 0.19 0.00
STATION 5_MISC_HYD 23604	40.61 -0.49 0.00	39.30 -0.60 0.00	37.75 -0.50 0.00	37.48 -0.42 0.00	37.76 -0.31 0.00	42.22 -0.34 0.00	54.04 -0.44 0.00	62.87 0.06 0.00	56.77 -0.57 0.00	55.04 -0.73 0.00	53.13 -0.48 0.00	50.05 -0.15 0.00	48.60 -0.44 0.00	48.45 -0.19 0.00	47.76 -0.24 0.00	47.91 -0.29 0.00	47.82 -0.63 0.00	51.91 -0.85 0.00	55.79 -0.51 0.00	60.96 -0.49 0.00	57.41 -0.47 0.00	51.95 -0.90 0.00	50.43 -0.61 0.00	48.10 -0.63 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	40.77 -0.33 0.00	39.50 -0.40 0.00	38.02 -0.23 0.00	37.75 -0.15 0.00	37.99 -0.08 0.00	42.52 -0.04 0.00	54.42 -0.05 0.00	63.43 0.63 0.00	57.34 0.00 0.00	55.54 -0.22 0.00	53.55 -0.05 0.00	50.35 0.15 0.00	48.99 -0.05 0.00	48.79 0.15 0.00	48.10 0.10 0.00	48.24 0.05 0.00	48.26 -0.19 0.00	52.33 -0.42 0.00	56.12 -0.17 0.00	61.39 -0.06 0.00	57.76 -0.12 0.00	52.43 -0.42 0.00	50.73 -0.31 0.00	48.39 -0.34 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	40.36 -0.74 0.00	39.02 -0.88 0.00	37.56 -0.69 0.00	37.29 -0.61 0.00	37.57 -0.49 0.00	42.00 -0.55 0.00	53.77 -0.71 0.00	62.62 -0.19 0.00	56.54 -0.80 0.00	54.82 -0.95 0.00	52.91 -0.70 0.00	49.80 -0.40 0.00	48.40 -0.64 0.00	48.25 -0.39 0.00	47.57 -0.43 0.00	47.71 -0.48 0.00	47.68 -0.78 0.00	51.59 -1.16 0.00	55.50 -0.79 0.00	60.72 -0.74 0.00	57.12 -0.75 0.00	51.79 -1.06 0.00	50.17 -0.87 0.00	47.91 -0.83 0.00
STA_56___34_KV_BUS2 355983	40.36 -0.74 0.00	39.02 -0.88 0.00	37.56 -0.69 0.00	37.29 -0.61 0.00	37.57 -0.49 0.00	42.00 -0.55 0.00	53.77 -0.71 0.00	62.62 -0.19 0.00	56.54 -0.80 0.00	54.82 -0.95 0.00	52.91 -0.70 0.00	49.80 -0.40 0.00	48.40 -0.64 0.00	48.25 -0.39 0.00	47.57 -0.43 0.00	47.71 -0.48 0.00	47.68 -0.78 0.00	51.59 -1.16 0.00	55.50 -0.79 0.00	60.72 -0.74 0.00	57.12 -0.75 0.00	51.79 -1.06 0.00	50.17 -0.87 0.00	47.91 -0.83 0.00
STA_67___115KV_BK2 355882	40.49 -0.62 0.00	39.14 -0.76 0.00	37.71 -0.54 0.00	37.45 -0.45 0.00	37.68 -0.38 0.00	42.13 -0.43 0.00	53.93 -0.54 0.00	62.74 -0.06 0.00	56.65 -0.69 0.00	54.87 -0.89 0.00	53.02 -0.59 0.00	49.85 -0.35 0.00	48.45 -0.59 0.00	48.30 -0.34 0.00	47.62 -0.38 0.00	47.76 -0.43 0.00	47.72 -0.73 0.00	51.64 -1.11 0.00	55.56 -0.73 0.00	60.84 -0.61 0.00	57.24 -0.64 0.00	51.90 -0.95 0.00	50.33 -0.71 0.00	48.00 -0.73 0.00
STA_7___115KV_9TRANS 80674	40.73 -0.37 0.00	39.34 -0.56 0.00	37.90 -0.34 0.00	37.63 -0.27 0.00	37.91 -0.15 0.00	42.39 -0.17 0.00	54.26 -0.22 0.00	63.18 0.38 0.00	57.11 -0.23 0.00	55.32 -0.45 0.00	53.39 -0.21 0.00	50.25 0.05 0.00	48.85 -0.20 0.00	48.74 0.10 0.00	48.00 0.00 0.00	48.15 -0.05 0.00	48.06 -0.39 0.00	52.07 -0.69 0.00	56.01 -0.28 0.00	61.33 -0.12 0.00	57.70 -0.17 0.00	52.27 -0.58 0.00	50.68 -0.36 0.00	48.35 -0.39 0.00
STA_82___115KV_TB1 80780	40.49 -0.62 0.00	39.14 -0.76 0.00	37.71 -0.54 0.00	37.45 -0.45 0.00	37.68 -0.38 0.00	42.13 -0.43 0.00	53.93 -0.54 0.00	62.74 -0.06 0.00	56.65 -0.69 0.00	54.87 -0.89 0.00	53.02 -0.59 0.00	49.85 -0.35 0.00	48.45 -0.59 0.00	48.30 -0.34 0.00	47.62 -0.38 0.00	47.76 -0.43 0.00	47.72 -0.73 0.00	51.64 -1.11 0.00	55.62 -0.68 0.00	60.84 -0.61 0.00	57.24 -0.64 0.00	51.90 -0.95 0.00	50.33 -0.71 0.00	48.05 -0.68 0.00
STEEL___WIND 323596	40.24 -0.87 0.00	38.90 -1.00 0.00	37.41 -0.84 0.00	37.33 -0.57 0.00	37.68 -0.38 0.00	42.05 -0.51 0.00	53.77 -0.71 0.00	62.74 -0.06 0.00	56.03 -1.32 0.00	53.93 -1.84 0.00	52.16 -1.44 0.00	49.45 -0.75 0.00	48.01 -1.03 0.00	47.67 -0.97 0.00	46.85 -1.15 0.00	47.04 -1.16 0.00	46.85 -1.60 0.00	50.80 -1.95 0.00	54.83 -1.46 0.00	59.98 -1.48 0.00	56.43 -1.44 0.00	50.68 -2.17 0.00	49.71 -1.33 0.00	47.17 -1.56 0.00
STEPHTWN_115KV_BK_2 55603	42.21 1.11 0.00	41.02 1.12 0.00	39.24 0.99 0.00	38.85 0.95 0.00	39.01 0.95 0.00	43.49 0.94 0.00	56.00 1.53 0.00	64.69 1.88 0.00	58.89 1.55 0.00	56.99 1.23 0.00	54.73 1.13 0.00	51.20 1.00 0.00	50.02 0.98 0.00	49.52 0.88 0.00	49.01 1.01 0.00	49.21 1.01 0.00	49.57 1.11 0.00	54.07 1.32 0.00	57.87 1.58 0.00	63.30 1.84 0.00	59.50 1.62 0.00	54.12 1.27 0.00	52.11 1.07 0.00	49.66 0.93 0.00
STEUBEN_REC_LFGE 323667	40.57 -0.53 0.00	39.50 -0.40 0.00	37.98 -0.27 0.00	37.86 -0.04 0.00	38.33 0.27 0.00	43.03 0.47 0.00	55.02 0.54 0.00	64.44 1.63 0.00	57.74 0.40 0.00	55.71 -0.06 0.00	53.55 -0.05 0.00	50.35 0.15 0.00	49.14 0.10 0.00	48.69 0.05 0.00	47.86 -0.14 0.00	48.34 0.14 0.00	48.35 -0.10 0.00	52.49 -0.26 0.00	56.86 0.56 0.00	62.44 0.98 0.00	58.69 0.81 0.00	52.96 0.11 0.00	51.35 0.31 0.00	48.88 0.15 0.00
STILLWATER___SOLAR 323814	42.91 1.81 0.00	41.78 1.88 0.00	39.97 1.72 0.00	39.61 1.71 0.00	39.78 1.71 0.00	44.39 1.83 0.00	57.31 2.83 0.00	66.13 3.33 0.00	60.21 2.87 0.00	58.16 2.40 0.00	55.91 2.30 0.00	52.15 1.96 0.00	50.90 1.86 0.00	50.39 1.75 0.00	49.93 1.92 0.00	50.07 1.88 0.00	50.44 1.99 0.00	55.02 2.27 0.00	59.05 2.76 0.00	64.59 3.13 0.00	60.71 2.84 0.00	55.23 2.38 0.00	53.18 2.14 0.00	50.78 2.05 0.00
STONY___BROOK 24151	44.15 3.04 -0.01	42.78 2.87 -0.01	40.58 2.33 0.00	40.14 2.24 0.00	40.12 2.05 0.00	45.24 2.68 0.00	56.00 1.52 0.00	65.57 2.76 0.00	59.12 1.78 0.00	57.33 1.56 0.00	54.89 1.28 0.00	51.60 1.40 0.00	50.56 1.52 0.00	50.05 1.41 0.00	49.68 1.68 0.00	49.74 1.54 0.00	50.83 2.37 0.00	56.08 3.33 0.00	60.07 3.77 -0.01	64.77 3.32 0.00	61.00 3.12 0.00	55.02 2.17 0.00	52.88 1.83 0.00	49.90 1.17 0.00
STURGEON_POOL_HYD 23609	42.70 1.60 0.00	41.42 1.52 0.00	39.63 1.38 0.00	39.15 1.25 0.00	39.32 1.26 0.00	43.96 1.40 0.00	56.22 1.74 0.00	65.38 2.58 0.00	59.52 2.18 0.00	57.77 2.01 0.00	55.43 1.82 0.00	51.96 1.76 0.00	50.81 1.77 0.00	50.29 1.65 0.00	49.68 1.68 0.00	49.88 1.69 0.00	50.34 1.89 0.00	54.70 1.95 0.00	58.54 2.25 0.00	64.04 2.58 0.00	60.25 2.37 0.00	54.65 1.80 0.00	52.83 1.79 0.00	50.39 1.66 0.00
ST_LAW_115_BK7_LBMP 345037	40.73 -0.37 0.00	39.54 -0.36 0.00	37.98 -0.27 0.00	37.64 -0.26 0.00	37.72 -0.34 0.00	42.17 -0.38 0.00	53.77 -0.71 0.00	61.17 -1.63 0.00	56.42 -0.92 0.00	55.26 -0.50 0.00	53.07 -0.54 0.00	49.60 -0.60 0.00	48.55 -0.49 0.00	48.11 -0.53 0.00	47.43 -0.57 0.00	47.57 -0.63 0.00	47.87 -0.58 0.00	52.28 -0.48 0.00	55.34 -0.96 0.00	60.29 -1.17 0.00	56.84 -1.04 0.00	52.37 -0.48 0.00	50.58 -0.46 0.00	48.34 -0.39 0.00

ST_LAW_115_BK8_LBMP 345038	40.73 -0.37 0.00	39.54 -0.36 0.00	37.98 -0.27 0.00	37.64 -0.26 0.00	37.72 -0.34 0.00	42.17 -0.38 0.00	53.77 -0.71 0.00	61.17 -1.63 0.00	56.42 -0.92 0.00	55.26 -0.50 0.00	53.07 -0.54 0.00	49.60 -0.60 0.00	48.55 -0.49 0.00	48.11 -0.53 0.00	47.43 -0.57 0.00	47.57 -0.63 0.00	47.87 -0.58 0.00	52.28 -0.48 0.00	55.34 -0.96 0.00	60.29 -1.17 0.00	56.84 -1.04 0.00	52.37 -0.48 0.00	50.58 -0.46 0.00	48.34 -0.39 0.00
ST_LAW_230_BK5_LBMP 345035	40.73 -0.37 0.00	39.54 -0.36 0.00	37.98 -0.27 0.00	37.64 -0.26 0.00	37.72 -0.34 0.00	42.22 -0.34 0.00	53.82 -0.65 0.00	61.36 -1.44 0.00	56.54 -0.80 0.00	55.32 -0.45 0.00	53.13 -0.48 0.00	49.65 -0.55 0.00	48.60 -0.44 0.00	48.20 -0.44 0.00	47.52 -0.48 0.00	47.67 -0.53 0.00	47.92 -0.53 0.00	52.33 -0.42 0.00	55.39 -0.90 0.00	60.35 -1.10 0.00	56.89 -0.98 0.00	52.43 -0.42 0.00	50.63 -0.41 0.00	48.40 -0.34 0.00
ST_LAW_230_BK6_LBMP 345036	40.73 -0.37 0.00	39.54 -0.36 0.00	37.98 -0.27 0.00	37.64 -0.26 0.00	37.72 -0.34 0.00	42.22 -0.34 0.00	53.82 -0.65 0.00	61.36 -1.44 0.00	56.54 -0.80 0.00	55.32 -0.45 0.00	53.13 -0.48 0.00	49.65 -0.55 0.00	48.60 -0.44 0.00	48.20 -0.44 0.00	47.52 -0.48 0.00	47.67 -0.53 0.00	47.92 -0.53 0.00	52.33 -0.42 0.00	55.39 -0.90 0.00	60.35 -1.10 0.00	56.89 -0.98 0.00	52.43 -0.42 0.00	50.63 -0.41 0.00	48.40 -0.34 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	42.62 1.52 0.00	41.34 1.44 0.00	39.51 1.26 0.00	39.11 1.21 0.00	39.28 1.22 0.00	43.92 1.36 0.00	56.00 1.53 0.00	65.19 2.39 0.00	59.35 2.01 0.00	57.66 1.90 0.00	55.32 1.72 0.00	51.85 1.66 0.00	50.71 1.67 0.00	50.25 1.61 0.00	49.59 1.58 0.00	49.84 1.64 0.00	50.20 1.74 0.00	54.54 1.79 0.00	58.43 2.14 0.00	63.91 2.46 0.00	60.13 2.26 0.00	54.54 1.69 0.00	52.72 1.68 0.00	50.25 1.51 0.00
SWANROAD_115KV_TB1 355699	38.84 -2.26 0.00	37.51 -2.39 0.00	36.26 -1.99 0.00	36.08 -1.82 0.00	36.39 -1.67 0.00	40.56 -2.00 0.00	51.81 -2.67 0.00	60.23 -2.58 0.00	53.84 -3.50 0.00	51.97 -3.79 0.00	50.34 -3.27 0.00	47.54 -2.66 0.00	46.25 -2.80 0.00	45.96 -2.68 0.00	45.22 -2.78 0.00	45.50 -2.70 0.00	45.30 -3.15 0.00	48.85 -3.90 0.00	52.75 -3.55 0.00	57.89 -3.56 0.00	54.46 -3.41 0.00	49.20 -3.65 0.00	48.08 -2.96 0.00	45.86 -2.88 0.00
SYNERGY___BIOGAS 323694	40.44 -0.66 0.00	39.02 -0.88 0.00	37.68 -0.57 0.00	37.48 -0.42 0.00	37.83 -0.23 0.00	42.26 -0.30 0.00	54.09 -0.38 0.00	63.18 0.38 0.00	56.60 -0.75 0.00	54.60 -1.17 0.00	52.75 -0.86 0.00	49.75 -0.45 0.00	48.21 -0.83 0.00	48.10 -0.54 0.00	47.33 -0.67 0.00	47.57 -0.63 0.00	47.43 -1.02 0.00	51.27 -1.48 0.00	55.39 -0.90 0.00	60.78 -0.68 0.00	57.18 -0.69 0.00	51.63 -1.22 0.00	50.27 -0.77 0.00	47.86 -0.88 0.00
SYRACUSE___ENERGY_ST1 323597	41.02 -0.08 0.00	39.90 0.00 0.00	38.25 0.00 0.00	37.94 0.04 0.00	38.14 0.08 0.00	42.69 0.13 0.00	54.64 0.16 0.00	63.50 0.69 0.00	57.63 0.29 0.00	55.99 0.22 0.00	53.88 0.27 0.00	50.50 0.30 0.00	49.29 0.25 0.00	48.93 0.29 0.00	48.24 0.24 0.00	48.44 0.24 0.00	48.55 0.10 0.00	52.70 -0.05 0.00	56.52 0.23 0.00	61.76 0.31 0.00	58.17 0.29 0.00	52.85 0.00 0.00	51.09 0.05 0.00	48.78 0.05 0.00
SYRACUSE___ENERGY_ST2 323598	41.02 -0.08 0.00	39.90 0.00 0.00	38.25 0.00 0.00	37.94 0.04 0.00	38.14 0.08 0.00	42.69 0.13 0.00	54.64 0.16 0.00	63.50 0.69 0.00	57.63 0.29 0.00	55.99 0.22 0.00	53.88 0.27 0.00	50.50 0.30 0.00	49.29 0.25 0.00	48.93 0.29 0.00	48.24 0.24 0.00	48.44 0.24 0.00	48.55 0.10 0.00	52.70 -0.05 0.00	56.52 0.23 0.00	61.76 0.31 0.00	58.17 0.29 0.00	52.85 0.00 0.00	51.09 0.05 0.00	48.78 0.05 0.00
SYRACUSE___POWER 24017	40.94 -0.16 0.00	39.78 -0.12 0.00	38.17 -0.08 0.00	37.86 -0.04 0.00	38.03 -0.04 0.00	42.56 0.00 0.00	54.53 0.05 0.00	63.37 0.57 0.00	57.51 0.17 0.00	55.82 0.06 0.00	53.72 0.11 0.00	50.35 0.15 0.00	49.14 0.10 0.00	48.79 0.15 0.00	48.10 0.10 0.00	48.29 0.10 0.00	48.45 0.00 0.00	52.65 -0.11 0.00	56.41 0.11 0.00	61.64 0.18 0.00	58.05 0.17 0.00	52.74 -0.11 0.00	50.99 -0.05 0.00	48.69 -0.05 0.00
TALLMAN___138KV_BK151 55660	42.87 1.77 0.00	41.54 1.64 0.00	39.70 1.45 0.00	39.30 1.40 0.00	39.47 1.41 0.00	44.13 1.57 0.00	56.16 1.69 0.00	65.51 2.70 0.00	59.58 2.24 0.00	57.94 2.17 0.00	55.59 1.98 0.00	52.16 1.96 0.00	51.05 2.01 0.00	50.54 1.90 0.00	49.88 1.87 0.00	50.12 1.93 0.00	50.49 2.03 0.00	54.86 2.11 0.00	58.77 2.48 0.00	64.28 2.83 0.00	60.48 2.60 0.00	54.81 1.96 0.00	52.98 1.94 0.00	50.54 1.80 0.00
TEALLAVE_115KV_TB7 355573	40.81 -0.29 0.00	39.66 -0.24 0.00	38.06 -0.19 0.00	37.75 -0.15 0.00	37.91 -0.15 0.00	42.43 -0.13 0.00	54.37 -0.11 0.00	63.12 0.31 0.00	57.34 0.00 0.00	55.66 -0.11 0.00	53.61 0.00 0.00	50.25 0.05 0.00	49.04 0.00 0.00	48.69 0.05 0.00	48.00 0.00 0.00	48.20 0.00 0.00	48.31 -0.15 0.00	52.49 -0.26 0.00	56.24 -0.06 0.00	61.46 0.00 0.00	57.88 0.00 0.00	52.59 -0.26 0.00	50.84 -0.20 0.00	48.54 -0.19 0.00
TELGRAPH_34_KV_EAST 80808	39.79 -1.32 0.00	38.38 -1.52 0.00	37.06 -1.19 0.00	36.91 -0.99 0.00	37.23 -0.84 0.00	41.54 -1.02 0.00	53.17 -1.31 0.00	61.99 -0.82 0.00	55.45 -1.89 0.00	53.48 -2.29 0.00	51.79 -1.82 0.00	48.89 -1.31 0.00	47.47 -1.57 0.00	47.23 -1.41 0.00	46.52 -1.49 0.00	46.80 -1.40 0.00	46.61 -1.84 0.00	50.27 -2.48 0.00	54.32 -1.97 0.00	59.61 -1.84 0.00	56.08 -1.79 0.00	50.63 -2.22 0.00	49.41 -1.63 0.00	47.08 -1.66 0.00
TEMPLE___115KV_TB 2 55572	40.86 -0.25 0.00	39.70 -0.20 0.00	38.06 -0.19 0.00	37.75 -0.15 0.00	37.95 -0.11 0.00	42.47 -0.09 0.00	54.42 -0.05 0.00	63.18 0.38 0.00	57.40 0.06 0.00	55.71 -0.06 0.00	53.66 0.05 0.00	50.30 0.10 0.00	49.09 0.05 0.00	48.69 0.05 0.00	48.05 0.05 0.00	48.24 0.05 0.00	48.35 -0.10 0.00	52.49 -0.26 0.00	56.24 -0.06 0.00	61.46 0.00 0.00	57.93 0.06 0.00	52.64 -0.21 0.00	50.84 -0.20 0.00	48.59 -0.15 0.00
TIANA____69_KV_BK 1 55817	44.28 3.16 -0.01	42.98 3.07 -0.01	40.70 2.45 0.00	40.21 2.31 0.00	40.12 2.06 0.00	45.37 2.81 0.00	56.11 1.63 0.00	65.63 2.83 0.00	58.89 1.55 0.00	57.27 1.51 0.00	54.68 1.07 0.00	51.40 1.20 0.00	50.12 1.08 0.00	49.66 1.02 0.00	49.35 1.34 0.00	49.45 1.25 0.00	50.44 1.99 0.00	56.60 3.85 0.00	60.47 4.17 -0.01	64.84 3.38 0.00	61.00 3.13 0.00	54.96 2.11 0.00	53.34 2.30 0.00	50.20 1.46 0.00
TILDEN___115KV_TB1 80814	40.94 -0.16 0.00	39.78 -0.12 0.00	38.17 -0.08 0.00	37.86 -0.04 0.00	38.03 -0.04 0.00	42.56 0.00 0.00	54.53 0.05 0.00	63.37 0.57 0.00	57.51 0.17 0.00	55.82 0.06 0.00	53.72 0.11 0.00	50.35 0.15 0.00	49.14 0.10 0.00	48.79 0.15 0.00	48.10 0.10 0.00	48.29 0.10 0.00	48.45 0.00 0.00	52.65 -0.11 0.00	56.41 0.11 0.00	61.64 0.18 0.00	58.05 0.17 0.00	52.74 -0.11 0.00	50.99 -0.05 0.00	48.69 -0.05 0.00

TRIGEN___CC 323695	43.71 2.59 -0.02	42.35 2.43 -0.02	40.28 2.03 0.00	39.87 1.97 0.00	39.89 1.83 0.00	44.90 2.34 0.00	56.11 1.63 0.00	65.70 2.89 0.00	59.52 2.18 0.00	57.89 2.12 0.00	55.54 1.93 0.00	52.26 2.06 0.00	51.05 2.01 0.00	50.59 1.95 0.00	50.12 2.11 0.00	50.27 2.07 0.00	50.92 2.47 0.00	55.71 2.95 0.00	59.57 3.26 -0.02	64.77 3.32 0.00	60.94 3.07 0.00	55.12 2.27 0.00	53.49 2.45 0.00	50.73 2.00 0.00
TRINITY___115KV___4 BK 55933	41.88 0.78 0.00	40.66 0.76 0.00	38.90 0.65 0.00	38.51 0.61 0.00	38.67 0.61 0.00	43.07 0.51 0.00	55.35 0.87 0.00	64.00 1.19 0.00	58.32 0.97 0.00	56.44 0.67 0.00	54.25 0.64 0.00	50.75 0.55 0.00	49.53 0.49 0.00	49.08 0.44 0.00	48.53 0.53 0.00	48.73 0.53 0.00	49.08 0.63 0.00	53.49 0.74 0.00	57.25 0.96 0.00	62.56 1.11 0.00	58.92 1.04 0.00	53.59 0.74 0.00	51.60 0.56 0.00	49.22 0.49 0.00
UNION___PROCESSING_DRP 323587	40.49 -0.62 0.00	39.14 -0.76 0.00	37.71 -0.54 0.00	37.45 -0.45 0.00	37.68 -0.38 0.00	42.13 -0.43 0.00	53.93 -0.54 0.00	62.74 -0.06 0.00	56.65 -0.69 0.00	54.93 -0.84 0.00	53.02 -0.59 0.00	49.90 -0.30 0.00	48.45 -0.59 0.00	48.30 -0.34 0.00	47.62 -0.38 0.00	47.76 -0.43 0.00	47.72 -0.73 0.00	51.70 -1.06 0.00	55.62 -0.68 0.00	60.84 -0.61 0.00	57.24 -0.64 0.00	51.90 -0.95 0.00	50.33 -0.71 0.00	48.05 -0.68 0.00
UPPER HUDSON___HYD 24058	43.24 2.14 0.00	42.09 2.19 0.00	40.31 2.06 0.00	39.95 2.05 0.00	40.12 2.05 0.00	44.81 2.25 0.00	58.02 3.54 0.00	66.95 4.14 0.00	60.96 3.61 0.00	58.78 3.01 0.00	56.50 2.89 0.00	52.61 2.41 0.00	51.35 2.31 0.00	50.78 2.14 0.00	50.40 2.40 0.00	50.46 2.27 0.00	50.83 2.37 0.00	55.49 2.74 0.00	59.56 3.26 0.00	65.20 3.75 0.00	61.23 3.36 0.00	55.70 2.85 0.00	53.69 2.65 0.00	51.32 2.58 0.00
UPPER RAQUET___HYD 24056	40.08 -1.03 0.00	38.90 -1.00 0.00	37.44 -0.81 0.00	37.07 -0.83 0.00	37.15 -0.91 0.00	41.62 -0.94 0.00	52.84 -1.63 0.00	59.98 -2.83 0.00	55.39 -1.95 0.00	54.26 -1.50 0.00	52.21 -1.39 0.00	48.69 -1.50 0.00	47.52 -1.52 0.00	47.18 -1.46 0.00	46.52 -1.49 0.00	46.61 -1.59 0.00	46.95 -1.50 0.00	51.43 -1.32 0.00	54.38 -1.91 0.00	59.37 -2.09 0.00	56.08 -1.79 0.00	51.64 -1.21 0.00	49.87 -1.17 0.00	47.56 -1.17 0.00
VALLEY44_115KV_TB2 355964	40.28 -0.82 0.00	38.90 -1.00 0.00	37.56 -0.69 0.00	37.52 -0.38 0.00	37.91 -0.15 0.00	42.30 -0.26 0.00	53.99 -0.49 0.00	63.31 0.50 0.00	56.31 -1.03 0.00	54.09 -1.67 0.00	52.00 -1.61 0.00	49.14 -1.05 0.00	47.91 -1.13 0.00	47.47 -1.17 0.00	46.66 -1.34 0.00	46.99 -1.20 0.00	46.90 -1.55 0.00	50.59 -2.16 0.00	55.22 -1.07 0.00	60.72 -0.74 0.00	56.89 -0.98 0.00	50.95 -1.90 0.00	49.71 -1.33 0.00	47.27 -1.46 0.00
VALLEY___115KV_TB 1-4 80826	39.95 -1.15 0.00	38.74 -1.16 0.00	37.18 -1.07 0.00	36.91 -0.99 0.00	37.07 -0.99 0.00	41.54 -1.02 0.00	53.33 -1.14 0.00	61.61 -1.19 0.00	56.14 -1.20 0.00	54.65 -1.12 0.00	52.59 -1.02 0.00	49.24 -0.95 0.00	48.16 -0.88 0.00	47.86 -0.78 0.00	47.19 -0.82 0.00	47.33 -0.87 0.00	47.58 -0.87 0.00	51.70 -1.06 0.00	55.11 -1.18 0.00	60.10 -1.35 0.00	56.60 -1.27 0.00	51.53 -1.32 0.00	49.66 -1.38 0.00	47.42 -1.32 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	43.12 2.01 0.00	41.81 1.92 0.00	40.16 1.91 0.00	39.80 1.90 0.00	40.00 1.94 0.00	44.81 2.26 0.00	57.47 3.00 0.00	66.89 4.08 0.00	61.07 3.73 0.00	59.34 3.57 0.00	57.15 3.54 0.00	53.46 3.26 0.00	52.23 3.19 0.00	51.85 3.21 0.00	51.03 3.02 0.00	51.14 2.94 0.00	51.12 2.66 0.00	55.44 2.69 0.00	59.45 3.15 0.00	65.08 3.63 0.00	61.29 3.41 0.00	55.60 2.75 0.00	53.69 2.65 0.00	51.12 2.39 0.00
VISCHER___FERRY HYD 24020	42.42 1.31 0.00	41.21 1.31 0.00	39.44 1.19 0.00	39.04 1.14 0.00	39.20 1.14 0.00	43.75 1.19 0.00	56.43 1.96 0.00	65.25 2.45 0.00	59.40 2.06 0.00	57.44 1.67 0.00	55.11 1.50 0.00	51.50 1.30 0.00	50.31 1.27 0.00	49.81 1.17 0.00	49.30 1.30 0.00	49.50 1.30 0.00	49.76 1.31 0.00	54.28 1.53 0.00	58.26 1.97 0.00	63.66 2.21 0.00	59.90 2.02 0.00	54.49 1.64 0.00	52.47 1.43 0.00	50.05 1.32 0.00
V_A_10_SYNC_DSASP 323832	39.91 -1.19 0.00	38.62 -1.28 0.00	37.18 -1.07 0.00	36.91 -0.99 0.00	37.23 -0.84 0.00	41.58 -0.98 0.00	53.01 -1.47 0.00	61.61 -1.20 0.00	55.39 -1.95 0.00	53.65 -2.12 0.00	51.84 -1.77 0.00	48.95 -1.25 0.00	47.57 -1.47 0.00	47.33 -1.31 0.00	46.61 -1.39 0.00	46.80 -1.40 0.00	46.71 -1.74 0.00	50.64 -2.11 0.00	54.44 -1.86 0.00	59.55 -1.91 0.00	56.08 -1.79 0.00	50.68 -2.17 0.00	49.36 -1.68 0.00	47.13 -1.61 0.00
V_CMM_10_SYNC_DSASP 323787	40.90 -0.20 0.00	39.74 -0.16 0.00	38.17 -0.08 0.00	37.82 -0.08 0.00	37.91 -0.15 0.00	42.39 -0.17 0.00	54.04 -0.44 0.00	61.48 -1.32 0.00	56.77 -0.57 0.00	55.60 -0.17 0.00	53.39 -0.21 0.00	49.90 -0.30 0.00	48.85 -0.20 0.00	48.40 -0.24 0.00	47.72 -0.29 0.00	47.86 -0.34 0.00	48.16 -0.29 0.00	52.59 -0.16 0.00	55.62 -0.67 0.00	60.60 -0.86 0.00	57.18 -0.69 0.00	52.64 -0.21 0.00	50.89 -0.15 0.00	48.64 -0.10 0.00
V_CMP_10_SYNC_DSASP 323788	41.68 0.58 0.00	40.46 0.56 0.00	38.94 0.69 0.00	38.58 0.68 0.00	38.71 0.65 0.00	43.36 0.81 0.00	55.29 0.82 0.00	62.93 0.13 0.00	58.20 0.86 0.00	57.05 1.28 0.00	54.79 1.18 0.00	51.10 0.90 0.00	50.07 1.03 0.00	49.61 0.97 0.00	48.82 0.82 0.00	48.97 0.77 0.00	49.27 0.82 0.00	53.86 1.11 0.00	56.91 0.62 0.00	62.13 0.68 0.00	58.63 0.75 0.00	53.91 1.06 0.00	52.11 1.07 0.00	49.76 1.03 0.00
V_D_10_SYNC_DSASP 323841	41.06 -0.04 0.00	39.90 0.00 0.00	38.36 0.12 0.00	37.98 0.08 0.00	38.06 0.00 0.00	42.56 0.00 0.00	54.04 -0.44 0.00	61.48 -1.32 0.00	56.77 -0.57 0.00	55.60 -0.17 0.00	53.45 -0.16 0.00	49.90 -0.30 0.00	48.85 -0.20 0.00	48.45 -0.19 0.00	47.72 -0.29 0.00	47.86 -0.34 0.00	48.16 -0.29 0.00	52.59 -0.16 0.00	55.62 -0.67 0.00	60.66 -0.80 0.00	57.24 -0.64 0.00	52.74 -0.11 0.00	50.94 -0.10 0.00	48.69 -0.05 0.00
V_E_10_SYNC_DSASP 323830	43.69 2.59 0.00	42.46 2.56 0.00	40.81 2.56 0.00	40.59 2.69 0.00	40.92 2.86 0.00	46.09 3.53 0.00	59.54 5.07 0.00	69.59 6.79 0.00	62.79 5.45 0.00	60.56 4.80 0.00	58.33 4.72 0.00	54.56 4.37 0.00	53.21 4.17 0.00	53.02 4.38 0.00	52.08 4.08 0.00	52.39 4.19 0.00	52.62 4.17 0.00	57.13 4.38 0.00	61.70 5.40 0.00	67.73 6.27 0.00	63.78 5.91 0.00	57.45 4.60 0.00	55.43 4.39 0.00	52.68 3.95 0.00
V_F_30_NSYNC___DSASP 323816	42.99 1.89 0.00	41.81 1.92 0.00	40.05 1.80 0.00	39.64 1.74 0.00	39.82 1.75 0.00	44.47 1.92 0.00	57.36 2.89 0.00	66.26 3.45 0.00	60.32 2.98 0.00	58.28 2.51 0.00	56.02 2.41 0.00	52.26 2.06 0.00	51.01 1.96 0.00	50.49 1.85 0.00	50.07 2.06 0.00	50.22 2.02 0.00	50.53 2.08 0.00	55.13 2.38 0.00	59.11 2.81 0.00	64.65 3.19 0.00	60.77 2.89 0.00	55.33 2.48 0.00	53.28 2.24 0.00	50.88 2.14 0.00

V_F_30_SYNC_DSASP 323786	41.96 0.86 0.00	40.78 0.88 0.00	39.01 0.76 0.00	38.62 0.72 0.00	38.79 0.72 0.00	43.20 0.64 0.00	55.51 1.04 0.00	64.19 1.38 0.00	58.49 1.15 0.00	56.66 0.89 0.00	54.47 0.86 0.00	50.95 0.75 0.00	49.73 0.69 0.00	49.27 0.63 0.00	48.77 0.77 0.00	48.92 0.72 0.00	49.28 0.82 0.00	53.70 0.95 0.00	57.48 1.18 0.00	62.81 1.35 0.00	59.09 1.22 0.00	53.75 0.90 0.00	51.76 0.71 0.00	49.37 0.63 0.00
V_XM_10_SYNC_DSASP 323789	41.68 0.58 0.00	40.46 0.56 0.00	38.94 0.69 0.00	38.58 0.68 0.00	38.71 0.65 0.00	43.36 0.81 0.00	55.29 0.82 0.00	62.93 0.13 0.00	58.20 0.86 0.00	57.05 1.28 0.00	54.79 1.18 0.00	51.10 0.90 0.00	50.07 1.03 0.00	49.61 0.97 0.00	48.82 0.82 0.00	48.97 0.77 0.00	49.27 0.82 0.00	53.86 1.11 0.00	56.91 0.62 0.00	62.13 0.68 0.00	58.63 0.75 0.00	53.91 1.06 0.00	52.11 1.07 0.00	49.76 1.03 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	42.95 1.85 0.00	41.66 1.76 0.00	39.82 1.57 0.00	39.38 1.48 0.00	39.55 1.48 0.00	44.26 1.70 0.00	56.33 1.85 0.00	65.70 2.89 0.00	59.81 2.47 0.00	58.11 2.34 0.00	55.75 2.14 0.00	52.36 2.16 0.00	51.20 2.16 0.00	50.68 2.04 0.00	50.07 2.06 0.00	50.27 2.07 0.00	50.68 2.23 0.00	55.02 2.27 0.00	58.94 2.65 0.00	64.47 3.01 0.00	60.65 2.78 0.00	54.96 2.11 0.00	53.13 2.09 0.00	50.68 1.95 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	43.44 2.34 0.00	42.09 2.19 0.00	40.16 1.91 0.00	39.76 1.86 0.00	39.89 1.83 0.00	44.64 2.09 0.00	57.04 2.56 0.00	66.64 3.83 0.00	60.73 3.38 0.00	59.11 3.35 0.00	56.72 3.11 0.00	53.31 3.11 0.00	52.08 3.04 0.00	51.61 2.97 0.00	50.98 2.98 0.00	51.18 2.99 0.00	51.55 3.10 0.00	55.97 3.22 0.00	59.84 3.55 0.00	65.39 3.93 0.00	61.64 3.76 0.00	55.81 2.96 0.00	53.85 2.81 0.00	51.32 2.58 0.00
W50THST__13_KV_LOAD 356117	43.65 2.55 0.00	42.33 2.43 0.00	40.39 2.14 0.00	39.95 2.05 0.00	40.12 2.06 0.00	44.86 2.30 0.00	57.42 2.94 0.00	67.08 4.27 0.00	61.18 3.84 0.00	59.56 3.79 0.00	57.15 3.54 0.00	53.76 3.56 0.00	52.52 3.48 0.00	52.04 3.40 0.00	51.36 3.36 0.00	51.57 3.37 0.00	51.99 3.54 0.00	56.34 3.59 0.00	60.23 3.94 0.00	65.82 4.36 0.00	61.99 4.11 0.00	56.13 3.28 0.00	54.15 3.11 0.00	51.61 2.88 0.00
WADING RIVER_IC_1 23522	43.74 2.63 -0.01	42.38 2.47 -0.01	40.20 1.95 0.00	39.76 1.86 0.00	39.66 1.60 0.00	44.73 2.17 0.00	55.40 0.93 0.00	64.82 2.01 0.00	58.14 0.80 0.00	56.44 0.67 0.00	53.88 0.27 0.00	50.60 0.40 0.00	49.58 0.54 0.00	49.13 0.49 0.00	48.72 0.72 0.00	48.78 0.58 0.00	49.90 1.45 0.00	55.86 3.11 0.00	59.91 3.61 -0.01	63.98 2.52 0.00	60.25 2.37 0.00	54.28 1.43 0.00	52.22 1.17 0.00	49.03 0.29 0.00
WADING RIVER_IC_2 23547	43.74 2.63 -0.01	42.38 2.47 -0.01	40.20 1.95 0.00	39.76 1.86 0.00	39.66 1.60 0.00	44.73 2.17 0.00	55.40 0.93 0.00	64.82 2.01 0.00	58.14 0.80 0.00	56.44 0.67 0.00	53.88 0.27 0.00	50.60 0.40 0.00	49.58 0.54 0.00	49.13 0.49 0.00	48.72 0.72 0.00	48.78 0.58 0.00	49.90 1.45 0.00	55.86 3.11 0.00	59.91 3.61 -0.01	63.98 2.52 0.00	60.25 2.37 0.00	54.28 1.43 0.00	52.22 1.17 0.00	49.03 0.29 0.00
WADING RIVER_IC_3 23601	43.74 2.63 -0.01	42.38 2.47 -0.01	40.20 1.95 0.00	39.76 1.86 0.00	39.66 1.60 0.00	44.73 2.17 0.00	55.40 0.93 0.00	64.82 2.01 0.00	58.14 0.80 0.00	56.44 0.67 0.00	53.88 0.27 0.00	50.60 0.40 0.00	49.58 0.54 0.00	49.13 0.49 0.00	48.72 0.72 0.00	48.78 0.58 0.00	49.90 1.45 0.00	55.86 3.11 0.00	59.91 3.61 -0.01	63.98 2.52 0.00	60.25 2.37 0.00	54.28 1.43 0.00	52.22 1.17 0.00	49.03 0.29 0.00
WALDENNY_12_KV_BK2 80841	40.12 -0.99 0.00	38.74 -1.16 0.00	37.37 -0.88 0.00	37.29 -0.61 0.00	37.64 -0.42 0.00	41.96 -0.60 0.00	53.71 -0.76 0.00	62.74 -0.06 0.00	56.02 -1.32 0.00	53.93 -1.84 0.00	52.16 -1.45 0.00	49.35 -0.85 0.00	48.01 -1.03 0.00	47.67 -0.97 0.00	46.85 -1.15 0.00	47.09 -1.11 0.00	46.85 -1.60 0.00	50.48 -2.27 0.00	54.66 -1.63 0.00	59.98 -1.47 0.00	56.37 -1.50 0.00	50.79 -2.06 0.00	49.66 -1.38 0.00	47.22 -1.51 0.00
WALDEN__HYDRO 24148	42.79 1.69 0.00	41.50 1.60 0.00	39.66 1.42 0.00	39.23 1.33 0.00	39.40 1.33 0.00	44.09 1.53 0.00	56.27 1.80 0.00	65.51 2.70 0.00	59.64 2.29 0.00	57.89 2.12 0.00	55.54 1.93 0.00	52.06 1.86 0.00	50.91 1.86 0.00	50.39 1.75 0.00	49.78 1.78 0.00	49.98 1.78 0.00	50.39 1.94 0.00	54.81 2.06 0.00	58.66 2.36 0.00	64.16 2.70 0.00	60.37 2.49 0.00	54.75 1.90 0.00	52.93 1.89 0.00	50.44 1.71 0.00
WARRENSBURG____ 23737	43.24 2.14 0.00	42.13 2.23 0.00	40.31 2.07 0.00	39.95 2.05 0.00	40.12 2.06 0.00	44.81 2.26 0.00	58.02 3.54 0.00	66.95 4.15 0.00	60.95 3.61 0.00	58.72 2.96 0.00	56.50 2.89 0.00	52.61 2.41 0.00	51.35 2.30 0.00	50.78 2.14 0.00	50.40 2.40 0.00	50.46 2.27 0.00	50.83 2.37 0.00	55.49 2.74 0.00	59.50 3.21 0.00	65.20 3.75 0.00	61.23 3.36 0.00	55.65 2.80 0.00	53.64 2.60 0.00	51.27 2.53 0.00
WATERSIDE____6 8 9 23538	43.61 2.51 0.00	42.29 2.39 0.00	40.31 2.07 0.00	39.87 1.97 0.00	40.04 1.98 0.00	44.81 2.26 0.00	57.20 2.72 0.00	66.83 4.02 0.00	60.96 3.61 -0.01	60.26 3.51 -0.98	56.89 3.27 -0.01	56.37 3.26 -2.91	56.32 3.24 -4.04	58.29 3.11 -6.53	55.86 3.12 -4.73	55.90 3.13 -4.57	56.32 3.29 -4.57	56.19 3.43 -0.01	60.07 3.77 -0.01	65.57 4.12 0.00	61.88 3.99 -0.01	56.08 3.22 -0.01	54.11 3.06 -0.01	51.57 2.83 -0.01
WATKINRD_115KV_LN8_ILLION 55919	39.50 -1.60 0.00	38.30 -1.60 0.00	36.76 -1.49 0.00	36.50 -1.40 0.00	36.65 -1.41 0.00	41.11 -1.45 0.00	52.84 -1.63 0.00	61.11 -1.70 0.00	55.62 -1.72 0.00	54.15 -1.62 0.00	52.16 -1.45 0.00	48.84 -1.36 0.00	47.77 -1.28 0.00	47.52 -1.12 0.00	46.85 -1.15 0.00	46.99 -1.20 0.00	47.24 -1.21 0.00	51.22 -1.53 0.00	54.66 -1.63 0.00	59.55 -1.91 0.00	56.08 -1.79 0.00	51.00 -1.85 0.00	49.15 -1.89 0.00	46.88 -1.85 0.00
WATSON____69_KV_BK 1 55734	44.48 3.37 -0.01	43.14 3.23 -0.01	40.93 2.68 0.00	40.48 2.58 0.00	40.42 2.36 0.00	45.66 3.11 0.00	56.60 2.12 0.00	66.20 3.39 0.00	59.75 2.41 0.00	58.05 2.29 0.00	55.65 2.04 0.00	52.36 2.16 0.00	51.10 2.06 0.00	50.59 1.95 0.00	50.26 2.26 0.00	50.37 2.17 0.00	51.31 2.86 0.00	56.71 3.96 0.00	60.64 4.33 -0.01	65.63 4.18 0.00	61.75 3.88 0.00	55.70 2.85 0.00	54.10 3.06 0.00	51.12 2.39 0.00
WDELAWARE__HYD 323627	43.24 2.14 0.00	41.97 2.07 0.00	40.24 1.99 0.00	39.72 1.82 0.00	39.85 1.79 0.00	44.64 2.08 0.00	57.14 2.67 0.00	66.45 3.64 0.00	60.49 3.15 0.00	58.72 2.95 0.00	56.29 2.68 0.00	52.71 2.51 0.00	51.30 2.26 0.00	50.64 2.00 0.00	49.93 1.92 0.00	50.22 2.02 0.00	50.63 2.18 0.00	55.02 2.27 0.00	58.99 2.70 0.00	64.59 3.13 0.00	60.77 2.89 0.00	55.12 2.27 0.00	53.23 2.19 0.00	50.73 2.00 0.00

WEST BABYLON___IC 23714	44.36 3.25 -0.01	43.02 3.11 -0.01	40.81 2.56 0.00	40.36 2.46 0.00	40.35 2.28 0.00	45.58 3.02 0.00	56.44 1.96 0.00	66.01 3.20 0.00	59.69 2.35 0.00	57.94 2.17 0.00	55.59 1.98 0.00	52.26 2.06 0.00	51.00 1.96 0.00	50.54 1.90 0.00	50.16 2.16 0.00	50.32 2.12 0.00	51.21 2.76 0.00	56.39 3.64 0.00	60.30 4.00 -0.01	65.33 3.87 0.00	61.52 3.65 0.00	55.49 2.64 0.00	53.95 2.91 0.00	51.12 2.39 0.00
WEST CANADA___HYD 24049	41.23 0.12 0.00	39.98 0.08 0.00	38.33 0.08 0.00	37.98 0.08 0.00	38.18 0.11 0.00	42.69 0.13 0.00	54.69 0.22 0.00	63.25 0.44 0.00	57.63 0.29 0.00	55.99 0.22 0.00	53.82 0.22 0.00	50.40 0.20 0.00	49.24 0.20 0.00	48.84 0.20 0.00	48.25 0.24 0.00	48.39 0.19 0.00	48.69 0.24 0.00	52.96 0.21 0.00	56.63 0.34 0.00	61.89 0.43 0.00	58.23 0.35 0.00	53.06 0.21 0.00	51.25 0.20 0.00	48.88 0.15 0.00
WESTERN_NY_WIND 24143	40.40 -0.70 0.00	38.98 -0.92 0.00	37.60 -0.65 0.00	37.45 -0.45 0.00	37.76 -0.30 0.00	42.17 -0.38 0.00	54.04 -0.44 0.00	63.06 0.25 0.00	56.48 -0.86 0.00	54.48 -1.28 0.00	52.64 -0.96 0.00	49.65 -0.55 0.00	48.16 -0.88 0.00	48.01 -0.63 0.00	47.24 -0.77 0.00	47.52 -0.67 0.00	47.34 -1.11 0.00	51.17 -1.58 0.00	55.34 -0.96 0.00	60.66 -0.80 0.00	57.07 -0.81 0.00	51.53 -1.32 0.00	50.22 -0.82 0.00	47.81 -0.93 0.00
WESTOVER___LESR 323668	41.35 0.25 0.00	40.14 0.24 0.00	38.56 0.31 0.00	38.24 0.34 0.00	38.48 0.42 0.00	43.07 0.51 0.00	55.08 0.60 0.00	64.00 1.19 0.00	57.80 0.46 0.00	56.05 0.28 0.00	53.93 0.32 0.00	50.55 0.35 0.00	49.38 0.34 0.00	48.98 0.34 0.00	48.24 0.24 0.00	48.53 0.34 0.00	48.69 0.24 0.00	52.80 0.05 0.00	56.86 0.56 0.00	62.25 0.80 0.00	58.57 0.69 0.00	53.01 0.16 0.00	51.30 0.26 0.00	48.98 0.24 0.00
WETHRSFD_WT_PWR 323626	39.41 -1.69 0.00	38.34 -1.56 0.00	36.80 -1.45 0.00	36.65 -1.25 0.00	37.00 -1.07 0.00	41.41 -1.15 0.00	53.12 -1.36 0.00	61.99 -0.82 0.00	55.68 -1.66 0.00	53.76 -2.01 0.00	51.84 -1.77 0.00	48.89 -1.31 0.00	47.62 -1.42 0.00	47.18 -1.46 0.00	46.42 -1.58 0.00	46.99 -1.20 0.00	46.95 -1.50 0.00	51.06 -1.69 0.00	55.11 -1.18 0.00	60.35 -1.10 0.00	56.78 -1.10 0.00	51.05 -1.80 0.00	49.87 -1.17 0.00	47.42 -1.31 0.00
WHAVSTOR_138KV_BK127 55557	42.87 1.77 0.00	41.54 1.64 0.00	39.70 1.45 0.00	39.30 1.40 0.00	39.47 1.41 0.00	44.13 1.57 0.00	56.11 1.63 0.00	65.44 2.64 0.00	59.58 2.24 0.00	57.89 2.12 0.00	55.54 1.93 0.00	52.16 1.96 0.00	51.00 1.96 0.00	50.54 1.90 0.00	49.88 1.87 0.00	50.12 1.93 0.00	50.49 2.03 0.00	54.86 2.11 0.00	58.71 2.42 0.00	64.22 2.77 0.00	60.42 2.55 0.00	54.81 1.96 0.00	52.98 1.94 0.00	50.54 1.80 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	42.87 1.77 0.00	41.54 1.64 0.00	39.70 1.45 0.00	39.30 1.40 0.00	39.47 1.41 0.00	44.13 1.57 0.00	56.11 1.63 0.00	65.44 2.64 0.00	59.58 2.24 0.00	57.89 2.12 0.00	55.54 1.93 0.00	52.16 1.96 0.00	51.00 1.96 0.00	50.54 1.90 0.00	49.88 1.87 0.00	50.12 1.93 0.00	50.49 2.03 0.00	54.86 2.11 0.00	58.71 2.42 0.00	64.22 2.77 0.00	60.42 2.55 0.00	54.81 1.96 0.00	52.98 1.94 0.00	50.54 1.80 0.00
WHITEHAL_115KV_TB1 80871	43.57 2.47 0.00	42.49 2.59 0.00	40.66 2.41 0.00	40.29 2.39 0.00	40.46 2.40 0.00	45.24 2.68 0.00	58.67 4.19 0.00	67.64 4.84 0.00	61.47 4.13 0.00	59.17 3.40 0.00	56.83 3.22 0.00	52.91 2.71 0.00	51.54 2.50 0.00	50.97 2.33 0.00	50.69 2.69 0.00	50.75 2.55 0.00	51.16 2.71 0.00	55.97 3.22 0.00	60.18 3.88 0.00	66.00 4.55 0.00	61.93 4.05 0.00	56.29 3.44 0.00	54.15 3.11 0.00	51.71 2.97 0.00
WHITEPLN_13_KV_LOAD 356215	43.57 2.47 0.00	42.25 2.35 0.00	40.35 2.10 0.00	39.95 2.05 0.00	40.08 2.02 0.00	44.77 2.21 0.00	57.31 2.83 0.00	66.83 4.02 0.00	60.95 3.61 0.00	59.39 3.62 0.00	56.93 3.32 0.00	53.41 3.21 0.00	52.23 3.19 0.00	51.70 3.06 0.00	51.08 3.07 0.00	51.28 3.08 0.00	51.65 3.20 0.00	56.18 3.43 0.00	60.06 3.77 0.00	65.63 4.18 0.00	61.70 3.82 0.00	56.02 3.17 0.00	54.00 2.96 0.00	51.46 2.73 0.00
WM_FLOYD_69_KV_BK2 356380	44.03 2.92 -0.01	42.70 2.79 -0.01	40.47 2.22 0.00	39.98 2.08 0.00	39.93 1.87 0.00	45.15 2.60 0.00	55.78 1.31 0.00	65.26 2.45 0.00	58.72 1.38 0.00	57.11 1.34 0.00	54.63 1.02 0.00	51.35 1.15 0.00	50.12 1.08 0.00	49.66 1.02 0.00	49.35 1.34 0.00	49.45 1.25 0.00	50.39 1.94 0.00	56.23 3.48 0.00	60.07 3.77 -0.01	64.65 3.20 0.00	60.83 2.95 0.00	54.91 2.06 0.00	53.34 2.30 0.00	50.25 1.51 0.00
WOODARD__115KV_TB2 355635	40.77 -0.33 0.00	39.62 -0.28 0.00	37.98 -0.27 0.00	37.67 -0.23 0.00	37.87 -0.19 0.00	42.39 -0.17 0.00	54.26 -0.22 0.00	63.00 0.19 0.00	57.23 -0.11 0.00	55.60 -0.17 0.00	53.50 -0.11 0.00	50.15 -0.05 0.00	48.94 -0.10 0.00	48.59 -0.05 0.00	47.91 -0.10 0.00	48.10 -0.10 0.00	48.26 -0.19 0.00	52.38 -0.37 0.00	56.12 -0.17 0.00	61.33 -0.12 0.00	57.76 -0.12 0.00	52.53 -0.32 0.00	50.79 -0.26 0.00	48.49 -0.24 0.00
YORK___WARBASSE 23770	51.86 2.84 -7.92	51.89 2.67 -9.32	41.09 2.37 -0.47	40.17 2.27 0.00	40.35 2.28 0.00	51.91 2.60 -6.75	57.64 3.16 -0.01	67.33 4.52 0.00	61.31 3.96 -0.01	60.60 3.85 -0.98	59.13 3.65 -1.88	59.69 3.51 -5.98	60.80 3.48 -8.28	63.30 3.40 -11.26	61.44 3.36 -10.08	62.04 3.42 -10.42	60.79 3.54 -8.80	56.72 3.75 -0.22	60.41 4.11 -0.01	66.00 4.55 0.00	62.28 4.40 -0.01	56.51 3.65 -0.01	58.12 3.37 -3.71	53.37 3.22 -1.42