

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/15/2025

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	31.01	27.52	28.00	27.06	26.70	31.97	39.41	44.12	45.41	43.12	40.80	41.23	38.74	40.34	42.50	43.77	47.47	52.03	56.48	59.68	59.79	51.34	43.62	38.31
24138	2.56	2.23	2.36	2.26	2.14	2.40	2.58	3.19	3.32	3.30	3.23	3.30	3.10	3.26	3.58	3.80	4.04	4.16	4.13	4.27	4.38	3.63	3.08	2.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	30.96	27.47	27.95	27.01	26.65	31.88	39.26	44.00	45.36	43.12	40.76	41.19	38.71	40.31	42.42	43.73	47.42	51.84	56.27	59.52	59.63	51.24	43.62	38.28
24260	2.50	2.18	2.31	2.21	2.09	2.31	2.43	3.07	3.28	3.30	3.19	3.26	3.07	3.23	3.50	3.76	4.00	3.97	3.93	4.10	4.21	3.53	3.08	2.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	30.96	27.47	27.95	27.01	26.65	31.88	39.26	44.00	45.36	43.12	40.76	41.19	38.71	40.31	42.42	43.73	47.42	51.84	56.27	59.52	59.63	51.24	43.62	38.28
24261	2.50	2.18	2.31	2.21	2.09	2.31	2.43	3.07	3.28	3.30	3.19	3.26	3.07	3.23	3.50	3.76	4.00	3.97	3.93	4.10	4.21	3.53	3.08	2.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	30.05	26.69	27.10	26.22	25.96	31.20	39.01	43.55	44.77	41.96	39.49	39.86	37.60	39.08	41.02	42.21	46.08	50.64	55.43	58.85	58.85	50.62	42.98	37.64
24011	1.59	1.39	1.46	1.41	1.40	1.63	2.17	2.62	2.69	2.15	1.92	1.93	1.96	2.00	2.10	2.24	2.65	2.78	3.09	3.44	3.44	2.91	2.43	1.93
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	30.10	26.74	27.18	26.27	26.01	31.29	39.15	43.71	44.94	42.08	39.56	39.98	37.71	39.16	41.14	42.33	46.25	50.83	55.69	59.13	59.18	50.86	43.18	37.74
23798	1.65	1.44	1.54	1.46	1.45	1.71	2.32	2.78	2.86	2.27	1.99	2.05	2.07	2.08	2.22	2.36	2.82	2.97	3.35	3.71	3.77	3.15	2.63	2.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	30.05	26.69	27.10	26.22	25.96	31.20	39.01	43.55	44.77	41.96	39.49	39.86	37.60	39.08	41.02	42.21	46.08	50.64	55.43	58.85	58.85	50.62	42.98	37.64
24028	1.59	1.39	1.46	1.41	1.40	1.63	2.17	2.62	2.69	2.15	1.92	1.93	1.96	2.00	2.10	2.24	2.65	2.78	3.09	3.44	3.44	2.91	2.43	1.93
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	29.99	26.69	27.07	26.19	25.91	31.05	38.53	42.81	44.02	41.61	39.22	39.64	37.28	38.79	40.55	41.69	45.43	49.83	54.22	57.30	57.41	49.48	42.41	37.21
23527	1.54	1.39	1.43	1.39	1.35	1.48	1.70	1.88	1.94	1.79	1.65	1.71	1.64	1.71	1.63	1.72	2.00	1.96	1.88	1.89	1.99	1.77	1.87	1.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	29.22	26.03	26.41	25.55	25.28	30.25	37.42	41.38	42.54	40.25	37.95	38.31	36.07	37.53	39.43	40.53	43.91	48.25	52.55	55.58	55.64	47.95	40.99	36.03
24190	0.77	0.73	0.77	0.74	0.71	0.68	0.59	0.45	0.46	0.44	0.38	0.38	0.43	0.44	0.51	0.56	0.48	0.38	0.21	0.17	0.22	0.24	0.45	0.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	27.94	24.79	25.15	24.36	24.05	29.13	36.87	41.05	42.25	39.93	37.68	38.04	35.68	37.04	38.96	39.97	43.52	48.06	52.66	55.64	55.69	47.95	40.87	35.81
355683	-0.51	-0.51	-0.49	-0.45	-0.52	-0.44	0.04	0.12	0.17	0.12	0.11	0.11	0.04	-0.04	0.04	0.00	0.09	0.19	0.31	0.22	0.28	0.24	0.32	0.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	29.59	26.34	26.72	25.84	25.57	30.63	37.90	41.99	43.13	40.61	38.25	38.53	36.28	37.71	39.58	40.77	44.34	48.92	53.44	56.63	56.74	48.90	41.72	36.71
323833	1.14	1.04	1.08	1.04	1.01	1.06	1.07	1.06	1.05	0.80	0.68	0.60	0.64	0.63	0.66	0.80	0.91	1.05	1.10	1.22	1.33	1.19	1.18	1.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	29.59	26.34	26.72	25.84	25.57	30.61	37.90	41.99	43.09	40.61	38.25	38.53	36.28	37.71	39.58	40.77	44.34	48.92	53.44	56.63	56.74	48.90	41.72	36.67
323834	1.14	1.04	1.08	1.04	1.01	1.03	1.07	1.06	1.01	0.80	0.68	0.60	0.64	0.63	0.66	0.80	0.91	1.05	1.10	1.22	1.33	1.19	1.18	0.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	29.22	26.03	26.41	25.55	25.28	30.25	37.42	41.38	42.54	40.25	37.95	38.31	36.07	37.53	39.43	40.53	43.91	48.25	52.55	55.58	55.64	47.95	40.99	36.03
23571	0.77	0.73	0.77	0.74	0.71	0.68	0.59	0.45	0.46	0.44	0.38	0.38	0.43	0.44	0.51	0.56	0.48	0.38	0.21	0.17	0.22	0.24	0.45	0.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	29.22 0.77 0.00	26.03 0.73 0.00	26.41 0.77 0.00	25.55 0.74 0.00	25.28 0.71 0.00	30.25 0.68 0.00	37.42 0.59 0.00	41.38 0.45 0.00	42.54 0.46 0.00	40.25 0.44 0.00	37.95 0.38 0.00	38.31 0.38 0.00	36.07 0.43 0.00	37.53 0.44 0.00	39.43 0.51 0.00	40.53 0.56 0.00	43.91 0.48 0.00	48.25 0.38 0.00	52.55 0.21 0.00	55.58 0.17 0.00	55.64 0.22 0.00	47.95 0.24 0.00	40.99 0.45 0.00	36.03 0.32 0.00
ALBANY___3 23573	29.22 0.77 0.00	26.03 0.73 0.00	26.41 0.77 0.00	25.55 0.74 0.00	25.28 0.71 0.00	30.25 0.68 0.00	37.42 0.59 0.00	41.38 0.45 0.00	42.54 0.46 0.00	40.25 0.44 0.00	37.95 0.38 0.00	38.31 0.38 0.00	36.07 0.43 0.00	37.53 0.44 0.00	39.43 0.51 0.00	40.53 0.56 0.00	43.91 0.48 0.00	48.25 0.38 0.00	52.55 0.21 0.00	55.58 0.17 0.00	55.64 0.22 0.00	47.95 0.24 0.00	40.99 0.45 0.00	36.03 0.32 0.00
ALBANY___4 23574	29.22 0.77 0.00	26.03 0.73 0.00	26.41 0.77 0.00	25.55 0.74 0.00	25.28 0.71 0.00	30.25 0.68 0.00	37.42 0.59 0.00	41.38 0.45 0.00	42.54 0.46 0.00	40.25 0.44 0.00	37.95 0.38 0.00	38.31 0.38 0.00	36.07 0.43 0.00	37.53 0.44 0.00	39.43 0.51 0.00	40.53 0.56 0.00	43.91 0.48 0.00	48.25 0.38 0.00	52.55 0.21 0.00	55.58 0.17 0.00	55.64 0.22 0.00	47.95 0.24 0.00	40.99 0.45 0.00	36.03 0.32 0.00
ALBANY___LFGE 323615	29.45 1.00 0.00	26.21 0.91 0.00	26.59 0.95 0.00	25.72 0.92 0.00	25.45 0.88 0.00	30.46 0.89 0.00	37.71 0.88 0.00	41.75 0.82 0.00	42.88 0.80 0.00	40.53 0.72 0.00	38.25 0.68 0.00	38.61 0.68 0.00	36.39 0.75 0.00	37.86 0.78 0.00	39.77 0.86 0.00	40.93 0.96 0.00	44.38 0.95 0.00	48.77 0.91 0.00	53.13 0.79 0.00	56.19 0.78 0.00	56.25 0.83 0.00	48.43 0.72 0.00	41.40 0.85 0.00	36.35 0.64 0.00
ALCOA_PA_115KV_PL-6C 55860	27.91 -0.54 0.00	24.77 -0.53 0.00	25.10 -0.54 0.00	24.31 -0.50 0.00	24.00 -0.56 0.00	29.10 -0.47 0.00	36.98 0.15 0.00	41.13 0.20 0.00	42.33 0.25 0.00	40.01 0.20 0.00	37.76 0.19 0.00	38.12 0.19 0.00	35.71 0.07 0.00	37.12 0.04 0.00	39.00 0.08 0.00	40.01 0.04 0.00	43.60 0.17 0.00	48.06 0.19 0.00	52.66 0.31 0.00	55.69 0.28 0.00	55.75 0.33 0.00	48.00 0.29 0.00	41.03 0.49 0.00	35.96 0.25 0.00
ALCOA_RYNLDS___DRP 24188	27.91 -0.54 0.00	24.77 -0.53 0.00	25.10 -0.54 0.00	24.31 -0.50 0.00	24.00 -0.56 0.00	29.10 -0.47 0.00	36.98 0.15 0.00	41.13 0.20 0.00	42.33 0.25 0.00	40.01 0.20 0.00	37.76 0.19 0.00	38.12 0.19 0.00	35.71 0.07 0.00	37.12 0.04 0.00	39.00 0.08 0.00	40.01 0.04 0.00	43.60 0.17 0.00	48.06 0.19 0.00	52.66 0.31 0.00	55.69 0.28 0.00	55.75 0.33 0.00	48.00 0.29 0.00	41.03 0.49 0.00	35.96 0.25 0.00
ALCOA___DSASP 323711	27.91 -0.54 0.00	24.77 -0.53 0.00	25.10 -0.54 0.00	24.31 -0.50 0.00	24.00 -0.56 0.00	29.10 -0.47 0.00	36.87 0.04 0.00	41.13 0.21 0.00	42.34 0.25 0.00	40.01 0.20 0.00	37.76 0.19 0.00	38.12 0.19 0.00	35.71 0.07 0.00	37.12 0.04 0.00	39.00 0.08 0.00	40.01 0.04 0.00	43.60 0.17 0.00	48.06 0.19 0.00	52.66 0.32 0.00	55.69 0.28 0.00	55.75 0.33 0.00	48.00 0.29 0.00	41.03 0.49 0.00	35.96 0.25 0.00
ALLEGHENY___COGEN 23514	28.82 0.37 0.00	25.65 0.35 0.00	25.90 0.26 0.00	25.03 0.22 0.00	24.93 0.37 0.00	30.10 0.53 0.00	36.91 0.07 0.00	40.52 -0.41 0.00	40.95 -1.13 0.00	38.34 -1.47 0.00	36.03 -1.54 0.00	36.07 -1.86 0.00	33.90 -1.75 0.00	35.49 -1.59 0.00	37.17 -1.75 0.00	38.29 -1.68 0.00	40.30 -3.13 0.00	45.37 -2.49 0.00	50.77 -1.57 0.00	54.64 -0.78 0.00	54.14 -1.27 0.00	46.52 -1.19 0.00	40.42 -0.12 0.00	35.82 0.11 0.00
ALTAMONT_115KV_TB 2 55880	29.36 0.91 0.00	26.11 0.81 0.00	26.49 0.85 0.00	25.62 0.82 0.00	25.35 0.79 0.00	30.40 0.83 0.00	37.64 0.81 0.00	41.79 0.86 0.00	42.96 0.88 0.00	40.65 0.84 0.00	38.32 0.75 0.00	38.69 0.76 0.00	36.39 0.75 0.00	37.86 0.78 0.00	39.74 0.82 0.00	40.89 0.92 0.00	44.38 0.96 0.00	48.87 1.01 0.00	53.23 0.89 0.00	56.36 0.94 0.00	56.41 1.00 0.00	48.62 0.91 0.00	41.43 0.89 0.00	36.42 0.71 0.00
ALTONA_WT_PWR 323606	28.11 -0.34 0.00	24.94 -0.35 0.00	25.33 -0.31 0.00	24.51 -0.30 0.00	24.20 -0.37 0.00	29.33 -0.24 0.00	37.05 0.22 0.00	41.38 0.45 0.00	42.59 0.51 0.00	40.29 0.48 0.00	38.02 0.45 0.00	38.35 0.42 0.00	35.96 0.32 0.00	37.38 0.30 0.00	39.27 0.35 0.00	40.29 0.32 0.00	43.91 0.48 0.00	48.58 0.72 0.00	53.28 0.94 0.00	56.30 0.88 0.00	56.25 0.83 0.00	48.38 0.67 0.00	41.15 0.61 0.00	36.06 0.36 0.00
AMERICAN_REF_FUEL 24010	26.55 -1.91 0.00	23.60 -1.69 0.00	23.74 -1.90 0.00	22.97 -1.84 0.00	22.89 -1.67 0.00	27.56 -2.01 0.00	33.48 -3.35 0.00	36.63 -4.30 0.00	37.54 -4.55 0.00	35.51 -4.30 0.00	33.55 -4.02 0.00	33.76 -4.17 0.00	31.79 -3.85 0.00	33.26 -3.82 0.00	34.64 -4.28 0.00	35.62 -4.36 0.00	38.35 -5.08 0.00	42.50 -5.36 0.00	47.27 -5.08 0.00	50.48 -4.93 0.00	49.82 -5.59 0.00	42.94 -4.77 0.00	36.33 -4.22 0.00	32.78 -2.93 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	27.63 -0.83 0.00	24.54 -0.76 0.00	24.67 -0.97 0.00	23.91 -0.89 0.00	23.85 -0.71 0.00	28.83 -0.74 0.00	35.29 -1.55 0.00	38.97 -1.96 0.00	40.10 -1.98 0.00	37.94 -1.87 0.00	35.99 -1.58 0.00	36.26 -1.67 0.00	34.11 -1.53 0.00	35.67 -1.41 0.00	37.17 -1.75 0.00	38.29 -1.68 0.00	41.30 -2.13 0.00	45.81 -2.06 0.00	50.88 -1.47 0.00	54.36 -1.05 0.00	53.64 -1.78 0.00	45.80 -1.91 0.00	38.48 -2.07 0.00	34.17 -1.53 0.00
ARTHUR KILL_GT_1 23520	30.98 2.50 -0.02	27.67 2.35 -0.02	28.12 2.46 -0.02	27.17 2.36 -0.01	26.91 2.33 -0.01	32.05 2.45 -0.02	39.21 2.36 -0.02	43.56 2.58 -0.05	47.60 2.82 -2.70	48.21 2.91 -5.49	48.20 2.86 -7.77	48.16 2.92 -7.31	48.12 2.71 -9.77	48.16 2.89 -8.19	50.04 3.19 -7.93	51.25 3.44 -7.84	51.26 3.69 -4.14	51.44 3.54 -0.03	55.84 3.51 0.01	59.01 3.60 0.01	59.17 3.77 0.01	50.75 3.01 -0.03	49.13 2.72 -5.87	37.86 2.11 -0.05
ARTHUR_KILL_2 23512	30.87 2.39 -0.02	27.62 2.30 -0.02	28.05 2.38 -0.02	27.09 2.28 -0.01	26.83 2.26 -0.01	31.96 2.37 -0.02	39.14 2.28 -0.02	43.47 2.50 -0.05	47.51 2.73 -2.70	48.05 2.75 -5.49	48.05 2.71 -7.77	48.05 2.81 -7.31	48.05 2.64 -9.77	48.05 2.78 -8.19	49.89 3.04 -7.93	51.13 3.32 -7.84	51.13 3.56 -4.14	51.29 3.40 -0.03	55.63 3.30 0.01	58.84 3.44 0.01	59.01 3.60 0.01	50.70 2.96 -0.03	49.01 2.60 -5.87	37.79 2.03 -0.05
ARTHUR_KILL_3 23513	30.74 2.28 -0.01	27.26 1.95 -0.01	27.76 2.10 -0.01	26.81 2.01 0.00	26.46 1.89 0.00	31.62 2.04 -0.01	39.02 2.17 -0.01	43.75 2.78 -0.04	47.76 2.99 -2.69	48.24 2.95 -5.48	48.19 2.85 -7.77	48.20 2.96 -7.31	48.19 2.78 -9.76	48.23 2.97 -8.18	50.00 3.15 -7.92	51.20 3.40 -7.83	51.16 3.60 -4.13	51.43 3.54 -0.02	55.74 3.40 0.00	58.96 3.55 0.00	59.13 3.71 0.00	50.88 3.15 -0.02	49.20 2.80 -5.86	38.10 2.36 -0.04

ARTHUR_KILL_COGEN 323718	30.95 2.47 -0.02	27.67 2.35 -0.02	28.12 2.46 -0.02	27.17 2.36 -0.01	26.91 2.33 -0.01	32.02 2.43 -0.02	39.25 2.39 -0.02	43.56 2.58 -0.05	47.60 2.82 -2.70	48.17 2.87 -5.49	48.12 2.78 -7.77	48.16 2.92 -7.31	48.12 2.71 -9.77	48.16 2.89 -8.19	50.00 3.15 -7.93	51.25 3.44 -7.84	51.26 3.69 -4.14	51.44 3.54 -0.03	55.84 3.51 0.01	59.01 3.60 0.01	59.23 3.82 0.01	50.84 3.10 -0.03	49.13 2.72 -5.87	37.90 2.14 -0.05
ASHOKAN____ 23654	30.53 2.08 0.00	27.17 1.87 0.00	27.49 1.85 0.00	26.64 1.84 0.00	26.36 1.79 0.00	31.43 1.86 0.00	38.89 2.06 0.00	43.38 2.46 0.00	44.56 2.48 0.00	41.76 1.95 0.00	39.34 1.77 0.00	39.64 1.71 0.00	37.17 1.53 0.00	38.71 1.63 0.00	40.67 1.75 0.00	42.13 2.16 0.00	45.86 2.43 0.00	50.49 2.63 0.00	55.22 2.88 0.00	58.80 3.38 0.00	59.13 3.71 0.00	50.77 3.06 0.00	43.22 2.68 0.00	37.92 2.21 0.00
ASTORIA_EAST_ENERGY_CC1 323581	30.87 2.42 0.00	27.50 2.20 0.00	27.97 2.33 0.00	27.04 2.23 -0.01	26.68 2.11 0.00	31.54 1.98 0.01	38.77 1.95 0.01	43.46 2.54 0.01	44.85 2.78 0.01	42.63 2.83 0.01	40.30 2.74 0.01	40.80 2.88 0.01	38.34 2.71 0.01	39.93 2.86 0.01	42.05 3.07 -0.06	43.32 3.36 0.01	46.98 3.56 0.01	51.21 3.35 0.01	55.58 3.25 0.01	58.73 3.32 0.01	58.90 3.49 0.01	50.56 2.86 0.01	43.09 2.56 0.01	37.89 2.18 0.00
ASTORIA_EAST_ENERGY_CC2 323582	30.87 2.42 0.00	27.50 2.20 0.00	27.97 2.33 0.00	27.04 2.23 -0.01	26.68 2.11 0.00	31.54 1.98 0.01	38.77 1.95 0.01	43.46 2.54 0.01	44.85 2.78 0.01	42.63 2.83 0.01	40.30 2.74 0.01	40.80 2.88 0.01	38.34 2.71 0.01	39.93 2.86 0.01	42.05 3.07 -0.06	43.32 3.36 0.01	46.98 3.56 0.01	51.21 3.35 0.01	55.58 3.25 0.01	58.73 3.32 0.01	58.90 3.49 0.01	50.56 2.86 0.01	43.09 2.56 0.01	37.89 2.18 0.00
ASTORIA_GT2_1 24094	30.96 2.50 0.00	27.50 2.20 0.00	27.97 2.33 0.00	27.04 2.23 -0.01	26.68 2.11 0.00	31.58 2.01 0.00	38.75 1.92 0.00	43.47 2.54 0.00	44.86 2.78 0.00	42.68 2.87 0.00	40.39 2.82 0.00	40.81 2.88 0.00	38.35 2.71 0.00	39.94 2.86 0.00	42.14 3.15 -0.07	43.33 3.36 0.00	47.03 3.60 0.00	51.26 3.40 0.00	55.59 3.25 0.00	58.74 3.32 0.00	58.91 3.49 0.00	50.57 2.86 0.00	43.14 2.59 0.00	37.89 2.18 0.00
ASTORIA_GT2_2 24095	30.96 2.50 0.00	27.50 2.20 0.00	27.97 2.33 0.00	27.04 2.23 -0.01	26.68 2.11 0.00	31.58 2.01 0.00	38.75 1.92 0.00	43.47 2.54 0.00	44.86 2.78 0.00	42.68 2.87 0.00	40.39 2.82 0.00	40.81 2.88 0.00	38.35 2.71 0.00	39.94 2.86 0.00	42.14 3.15 -0.07	43.33 3.36 0.00	47.03 3.60 0.00	51.26 3.40 0.00	55.59 3.25 0.00	58.74 3.32 0.00	58.91 3.49 0.00	50.57 2.86 0.00	43.14 2.59 0.00	37.89 2.18 0.00
ASTORIA_GT2_3 24096	30.96 2.50 0.00	27.50 2.20 0.00	27.97 2.33 0.00	27.04 2.23 -0.01	26.68 2.11 0.00	31.58 2.01 0.00	38.75 1.92 0.00	43.47 2.54 0.00	44.86 2.78 0.00	42.68 2.87 0.00	40.39 2.82 0.00	40.81 2.88 0.00	38.35 2.71 0.00	39.94 2.86 0.00	42.14 3.15 -0.07	43.33 3.36 0.00	47.03 3.60 0.00	51.26 3.40 0.00	55.59 3.25 0.00	58.74 3.32 0.00	58.91 3.49 0.00	50.57 2.86 0.00	43.14 2.59 0.00	37.89 2.18 0.00
ASTORIA_GT2_4 24097	30.96 2.50 0.00	27.50 2.20 0.00	27.97 2.33 0.00	27.04 2.23 -0.01	26.68 2.11 0.00	31.58 2.01 0.00	38.75 1.92 0.00	43.47 2.54 0.00	44.86 2.78 0.00	42.68 2.87 0.00	40.39 2.82 0.00	40.81 2.88 0.00	38.35 2.71 0.00	39.94 2.86 0.00	42.14 3.15 -0.07	43.33 3.36 0.00	47.03 3.60 0.00	51.26 3.40 0.00	55.59 3.25 0.00	58.74 3.32 0.00	58.91 3.49 0.00	50.57 2.86 0.00	43.14 2.59 0.00	37.89 2.18 0.00
ASTORIA_GT3_1 24098	30.96 2.50 0.00	27.50 2.20 0.00	27.97 2.33 0.00	27.04 2.23 -0.01	26.68 2.11 0.00	31.58 2.01 0.00	38.75 1.92 0.00	43.47 2.54 0.00	44.86 2.78 0.00	42.68 2.87 0.00	40.39 2.82 0.00	40.81 2.88 0.00	38.35 2.71 0.00	39.94 2.86 0.00	42.14 3.15 -0.07	43.33 3.36 0.00	47.03 3.60 0.00	51.26 3.40 0.00	55.59 3.25 0.00	58.74 3.32 0.00	58.91 3.49 0.00	50.57 2.86 0.00	43.14 2.59 0.00	37.89 2.18 0.00
ASTORIA_GT3_2 24099	30.96 2.50 0.00	27.50 2.20 0.00	27.97 2.33 0.00	27.04 2.23 -0.01	26.68 2.11 0.00	31.58 2.01 0.00	38.75 1.92 0.00	43.47 2.54 0.00	44.86 2.78 0.00	42.68 2.87 0.00	40.39 2.82 0.00	40.81 2.88 0.00	38.35 2.71 0.00	39.94 2.86 0.00	42.14 3.15 -0.07	43.33 3.36 0.00	47.03 3.60 0.00	51.26 3.40 0.00	55.59 3.25 0.00	58.74 3.32 0.00	58.91 3.49 0.00	50.57 2.86 0.00	43.14 2.59 0.00	37.89 2.18 0.00
ASTORIA_GT3_3 24100	30.96 2.50 0.00	27.50 2.20 0.00	27.97 2.33 0.00	27.04 2.23 -0.01	26.68 2.11 0.00	31.58 2.01 0.00	38.75 1.92 0.00	43.47 2.54 0.00	44.86 2.78 0.00	42.68 2.87 0.00	40.39 2.82 0.00	40.81 2.88 0.00	38.35 2.71 0.00	39.94 2.86 0.00	42.14 3.15 -0.07	43.33 3.36 0.00	47.03 3.60 0.00	51.26 3.40 0.00	55.59 3.25 0.00	58.74 3.32 0.00	58.91 3.49 0.00	50.57 2.86 0.00	43.14 2.59 0.00	37.89 2.18 0.00
ASTORIA_GT3_4 24101	30.96 2.50 0.00	27.50 2.20 0.00	27.97 2.33 0.00	27.04 2.23 -0.01	26.68 2.11 0.00	31.58 2.01 0.00	38.75 1.92 0.00	43.47 2.54 0.00	44.86 2.78 0.00	42.68 2.87 0.00	40.39 2.82 0.00	40.81 2.88 0.00	38.35 2.71 0.00	39.94 2.86 0.00	42.14 3.15 -0.07	43.33 3.36 0.00	47.03 3.60 0.00	51.26 3.40 0.00	55.59 3.25 0.00	58.74 3.32 0.00	58.91 3.49 0.00	50.57 2.86 0.00	43.14 2.59 0.00	37.89 2.18 0.00
ASTORIA_GT4_1 24102	30.96 2.50 0.00	27.50 2.20 0.00	27.97 2.33 0.00	27.04 2.23 -0.01	26.68 2.11 0.00	31.58 2.01 0.00	38.75 1.92 0.00	43.47 2.54 0.00	44.86 2.78 0.00	42.68 2.87 0.00	40.39 2.82 0.00	40.81 2.88 0.00	38.35 2.71 0.00	39.94 2.86 0.00	42.14 3.15 -0.07	43.33 3.36 0.00	47.03 3.60 0.00	51.26 3.40 0.00	55.59 3.25 0.00	58.74 3.32 0.00	58.91 3.49 0.00	50.57 2.86 0.00	43.14 2.59 0.00	37.89 2.18 0.00
ASTORIA_GT4_2 24103	30.96 2.50 0.00	27.50 2.20 0.00	27.97 2.33 0.00	27.04 2.23 -0.01	26.68 2.11 0.00	31.58 2.01 0.00	38.75 1.92 0.00	43.47 2.54 0.00	44.86 2.78 0.00	42.68 2.87 0.00	40.39 2.82 0.00	40.81 2.88 0.00	38.35 2.71 0.00	39.94 2.86 0.00	42.14 3.15 -0.07	43.33 3.36 0.00	47.03 3.60 0.00	51.26 3.40 0.00	55.59 3.25 0.00	58.74 3.32 0.00	58.91 3.49 0.00	50.57 2.86 0.00	43.14 2.59 0.00	37.89 2.18 0.00
ASTORIA_GT4_3 24104	30.96 2.50 0.00	27.50 2.20 0.00	27.97 2.33 0.00	27.04 2.23 -0.01	26.68 2.11 0.00	31.58 2.01 0.00	38.75 1.92 0.00	43.47 2.54 0.00	44.86 2.78 0.00	42.68 2.87 0.00	40.39 2.82 0.00	40.81 2.88 0.00	38.35 2.71 0.00	39.94 2.86 0.00	42.14 3.15 -0.07	43.33 3.36 0.00	47.03 3.60 0.00	51.26 3.40 0.00	55.59 3.25 0.00	58.74 3.32 0.00	58.91 3.49 0.00	50.57 2.86 0.00	43.14 2.59 0.00	37.89 2.18 0.00

ASTORIA_GT4_4 24105	30.96 2.50 0.00	27.50 2.20 0.00	27.97 2.33 0.00	27.04 2.23 -0.01	26.68 2.11 0.00	31.58 2.01 0.00	38.75 1.92 0.00	43.47 2.54 0.00	44.86 2.78 0.00	42.68 2.87 0.00	40.39 2.82 0.00	40.81 2.88 0.00	38.35 2.71 0.00	39.94 2.86 0.00	42.14 3.15 -0.07	43.33 3.36 0.00	47.03 3.60 0.00	51.26 3.40 0.00	55.59 3.25 0.00	58.74 3.32 0.00	58.91 3.49 0.00	50.57 2.86 0.00	43.14 2.59 0.00	37.89 2.18 0.00
ASTORIA_GT_1 23523	30.99 2.53 0.00	27.55 2.25 0.00	28.02 2.38 0.00	27.09 2.28 -0.01	26.70 2.14 0.00	31.61 2.04 0.00	38.82 1.99 0.00	43.55 2.62 0.00	44.94 2.86 0.00	42.76 2.95 0.00	40.46 2.89 0.00	40.89 2.96 0.00	38.42 2.78 0.00	40.01 2.93 0.00	42.22 3.23 -0.07	43.41 3.44 0.00	47.12 3.69 0.00	51.36 3.49 0.00	55.69 3.35 0.00	58.85 3.44 0.00	59.02 3.60 0.00	50.62 2.91 0.00	43.22 2.68 0.00	37.92 2.21 0.00
ASTORIA_GT_10 24110	30.90 2.45 0.00	27.45 2.15 0.00	27.92 2.28 0.00	26.99 2.18 -0.01	26.63 2.06 0.00	31.73 2.16 0.00	39.01 2.17 0.00	43.71 2.78 0.00	45.11 3.03 0.00	42.92 3.11 0.00	40.58 3.01 0.00	41.00 3.07 0.00	38.53 2.89 0.00	40.12 3.04 0.00	42.27 3.35 0.00	43.53 3.56 0.00	47.21 3.78 0.00	51.50 3.64 0.00	55.90 3.56 0.00	59.07 3.66 0.00	59.18 3.77 0.00	50.86 3.15 0.00	43.38 2.84 0.00	38.06 2.36 0.00
ASTORIA_GT_11 24225	30.90 2.45 0.00	27.45 2.15 0.00	27.92 2.28 0.00	26.99 2.18 -0.01	26.63 2.06 0.00	31.73 2.16 0.00	39.01 2.17 0.00	43.71 2.78 0.00	45.11 3.03 0.00	42.92 3.11 0.00	40.58 3.01 0.00	41.00 3.07 0.00	38.53 2.89 0.00	40.12 3.04 0.00	42.27 3.35 0.00	43.53 3.56 0.00	47.21 3.78 0.00	51.50 3.64 0.00	55.90 3.56 0.00	59.07 3.66 0.00	59.18 3.77 0.00	50.86 3.15 0.00	43.38 2.84 0.00	38.06 2.36 0.00
ASTORIA_GT_12 24226	30.90 2.45 0.00	27.45 2.15 0.00	27.92 2.28 0.00	26.99 2.18 -0.01	26.63 2.06 0.00	31.73 2.16 0.00	39.01 2.17 0.00	43.71 2.78 0.00	45.11 3.03 0.00	42.92 3.11 0.00	40.58 3.01 0.00	41.00 3.07 0.00	38.53 2.89 0.00	40.12 3.04 0.00	42.27 3.35 0.00	43.53 3.56 0.00	47.21 3.78 0.00	51.50 3.64 0.00	55.90 3.56 0.00	59.07 3.66 0.00	59.18 3.77 0.00	50.86 3.15 0.00	43.38 2.84 0.00	38.06 2.36 0.00
ASTORIA_GT_13 24227	30.90 2.45 0.00	27.45 2.15 0.00	27.92 2.28 0.00	26.99 2.18 -0.01	26.63 2.06 0.00	31.73 2.16 0.00	39.01 2.17 0.00	43.71 2.78 0.00	45.11 3.03 0.00	42.92 3.11 0.00	40.58 3.01 0.00	41.00 3.07 0.00	38.53 2.89 0.00	40.12 3.04 0.00	42.27 3.35 0.00	43.53 3.56 0.00	47.21 3.78 0.00	51.50 3.64 0.00	55.90 3.56 0.00	59.07 3.66 0.00	59.18 3.77 0.00	50.86 3.15 0.00	43.38 2.84 0.00	38.06 2.36 0.00
ASTORIA_GT_5 24106	30.99 2.53 0.00	27.55 2.25 0.00	28.02 2.38 0.00	27.09 2.28 -0.01	26.70 2.14 0.00	31.61 2.04 0.00	38.82 1.99 0.00	43.55 2.62 0.00	44.94 2.86 0.00	42.76 2.95 0.00	40.46 2.89 0.00	40.89 2.96 0.00	38.42 2.78 0.00	40.01 2.93 0.00	42.22 3.23 -0.07	43.41 3.44 0.00	47.12 3.69 0.00	51.36 3.49 0.00	55.69 3.35 0.00	58.85 3.44 0.00	59.02 3.60 0.00	50.62 2.91 0.00	43.22 2.68 0.00	37.92 2.21 0.00
ASTORIA_GT_7 24107	30.99 2.53 0.00	27.55 2.25 0.00	28.02 2.38 0.00	27.09 2.28 -0.01	26.70 2.14 0.00	31.61 2.04 0.00	38.82 1.99 0.00	43.55 2.62 0.00	44.94 2.86 0.00	42.76 2.95 0.00	40.46 2.89 0.00	40.89 2.96 0.00	38.42 2.78 0.00	40.01 2.93 0.00	42.22 3.23 -0.07	43.41 3.44 0.00	47.12 3.69 0.00	51.36 3.49 0.00	55.69 3.35 0.00	58.85 3.44 0.00	59.02 3.60 0.00	50.62 2.91 0.00	43.22 2.68 0.00	37.92 2.21 0.00
ASTORIA_GT_8 24108	30.99 2.53 0.00	27.55 2.25 0.00	28.02 2.38 0.00	27.09 2.28 -0.01	26.70 2.14 0.00	31.61 2.04 0.00	38.82 1.99 0.00	43.55 2.62 0.00	44.94 2.86 0.00	42.76 2.95 0.00	40.46 2.89 0.00	40.89 2.96 0.00	38.42 2.78 0.00	40.01 2.93 0.00	42.22 3.23 -0.07	43.41 3.44 0.00	47.12 3.69 0.00	51.36 3.49 0.00	55.69 3.35 0.00	58.85 3.44 0.00	59.02 3.60 0.00	50.62 2.91 0.00	43.22 2.68 0.00	37.92 2.21 0.00
ASTORIA___2 24149	30.87 2.42 0.00	27.50 2.20 0.00	27.97 2.33 0.00	27.04 2.23 -0.01	26.68 2.11 0.00	31.54 1.98 0.01	38.81 1.99 0.01	43.46 2.54 0.01	44.85 2.78 0.01	42.63 2.83 0.01	40.34 2.78 0.01	40.80 2.88 0.01	38.34 2.71 0.01	39.93 2.86 0.01	42.09 3.11 -0.06	43.32 3.36 0.01	47.02 3.60 0.01	51.25 3.40 0.01	55.58 3.25 0.01	58.73 3.32 0.01	58.90 3.49 0.01	50.56 2.86 0.01	43.13 2.60 0.01	37.89 2.18 0.00
ASTORIA___3 23516	30.87 2.42 0.00	27.45 2.15 0.00	27.92 2.28 0.00	26.99 2.18 -0.01	26.63 2.06 0.00	31.73 2.16 0.00	39.04 2.21 0.00	43.71 2.78 0.00	45.11 3.03 0.00	42.84 3.02 0.00	40.54 2.97 0.00	41.00 3.07 0.00	38.53 2.89 0.00	40.12 3.04 0.00	42.23 3.31 0.00	43.53 3.56 0.00	47.20 3.78 0.00	51.50 3.64 0.00	55.90 3.56 0.00	59.07 3.66 0.00	59.24 3.82 0.00	50.86 3.15 0.00	43.38 2.84 0.00	38.06 2.36 0.00
ASTORIA___4 23517	30.90 2.45 0.00	27.45 2.15 0.00	27.92 2.28 0.00	26.99 2.18 -0.01	26.63 2.06 0.00	31.73 2.16 0.00	39.01 2.17 0.00	43.71 2.78 0.00	45.11 3.03 0.00	42.92 3.11 0.00	40.58 3.01 0.00	41.00 3.07 0.00	38.53 2.89 0.00	40.12 3.04 0.00	42.27 3.35 0.00	43.53 3.56 0.00	47.21 3.78 0.00	51.50 3.64 0.00	55.90 3.56 0.00	59.07 3.66 0.00	59.18 3.77 0.00	50.86 3.15 0.00	43.38 2.84 0.00	38.06 2.36 0.00
ASTORIA___5 23518	30.87 2.42 0.00	27.45 2.15 0.00	27.92 2.28 0.00	26.99 2.18 -0.01	26.63 2.06 0.00	31.73 2.16 0.00	39.04 2.21 0.00	43.71 2.78 0.00	45.11 3.03 0.00	42.84 3.02 0.00	40.54 2.97 0.00	41.00 3.07 0.00	38.53 2.89 0.00	40.12 3.04 0.00	42.23 3.31 0.00	43.53 3.56 0.00	47.20 3.78 0.00	51.50 3.64 0.00	55.90 3.56 0.00	59.07 3.66 0.00	59.24 3.82 0.00	50.86 3.15 0.00	43.38 2.84 0.00	38.06 2.36 0.00
AST_ENERGY_2_CC3 323677	30.76 2.30 0.00	27.30 2.00 0.00	27.77 2.13 0.00	26.84 2.03 0.00	26.50 1.94 0.00	31.64 2.07 0.00	36.00 2.21 3.04	39.44 2.74 4.23	37.61 2.94 7.42	36.84 2.90 5.88	35.93 2.82 4.46	35.93 2.92 4.92	35.93 2.74 2.46	35.93 2.89 4.04	35.93 3.11 6.10	36.18 3.40 7.19	38.96 3.60 8.07	35.93 3.54 15.48	39.71 3.45 16.08	42.88 3.60 16.13	43.13 3.77 16.05	35.93 3.15 14.93	36.18 2.76 7.12	35.93 2.32 2.10
AST_ENERGY_2_CC4 323678	30.76 2.30 0.00	27.30 2.00 0.00	27.77 2.13 0.00	26.84 2.03 0.00	26.50 1.94 0.00	31.64 2.07 0.00	36.00 2.21 3.04	39.44 2.74 4.23	37.61 2.94 7.42	36.84 2.90 5.88	35.93 2.82 4.46	35.93 2.92 4.92	35.93 2.74 2.46	35.93 2.89 4.04	35.93 3.11 6.10	36.18 3.40 7.19	38.96 3.60 8.07	35.93 3.54 15.48	39.71 3.45 16.08	42.88 3.60 16.13	43.13 3.77 16.05	35.93 3.15 14.93	36.18 2.76 7.12	35.93 2.32 2.10

ATHENS_STG_1 23668	29.51 1.05 0.00	26.23 0.94 0.00	26.61 0.97 0.00	25.74 0.94 0.00	25.47 0.91 0.00	30.49 0.92 0.00	37.68 0.85 0.00	41.91 0.98 0.00	43.13 1.05 0.00	40.85 1.03 0.00	38.55 0.98 0.00	38.95 1.02 0.00	36.64 1.00 0.00	38.12 1.04 0.00	40.01 1.09 0.00	41.21 1.24 0.00	44.78 1.35 0.00	49.16 1.29 0.00	53.49 1.15 0.00	56.58 1.17 0.00	56.69 1.28 0.00	48.81 1.10 0.00	41.59 1.05 0.00	36.53 0.82 0.00
ATHENS_STG_2 23670	29.51 1.05 0.00	26.23 0.94 0.00	26.61 0.97 0.00	25.74 0.94 0.00	25.47 0.91 0.00	30.49 0.92 0.00	37.68 0.85 0.00	41.91 0.98 0.00	43.13 1.05 0.00	40.85 1.03 0.00	38.55 0.98 0.00	38.95 1.02 0.00	36.64 1.00 0.00	38.12 1.04 0.00	40.01 1.09 0.00	41.21 1.24 0.00	44.78 1.35 0.00	49.16 1.29 0.00	53.49 1.15 0.00	56.58 1.17 0.00	56.69 1.28 0.00	48.81 1.10 0.00	41.59 1.05 0.00	36.53 0.82 0.00
ATHENS_STG_3 23677	29.51 1.05 0.00	26.23 0.94 0.00	26.61 0.97 0.00	25.74 0.94 0.00	25.47 0.91 0.00	30.49 0.92 0.00	37.68 0.85 0.00	41.91 0.98 0.00	43.13 1.05 0.00	40.85 1.03 0.00	38.55 0.98 0.00	38.95 1.02 0.00	36.64 1.00 0.00	38.12 1.04 0.00	40.01 1.09 0.00	41.21 1.24 0.00	44.78 1.35 0.00	49.16 1.29 0.00	53.49 1.15 0.00	56.58 1.17 0.00	56.69 1.28 0.00	48.81 1.10 0.00	41.59 1.05 0.00	36.53 0.82 0.00
AUBURN____LFGE 323710	28.48 0.03 0.00	25.35 0.05 0.00	25.61 -0.03 0.00	24.78 -0.02 0.00	24.59 0.02 0.00	29.60 0.03 0.00	36.57 -0.26 0.00	40.52 -0.41 0.00	41.53 -0.55 0.00	39.18 -0.64 0.00	37.01 -0.56 0.00	37.36 -0.57 0.00	35.07 -0.57 0.00	36.56 -0.52 0.00	38.34 -0.58 0.00	39.37 -0.60 0.00	42.78 -0.65 0.00	47.39 -0.48 0.00	52.03 -0.31 0.00	55.30 -0.11 0.00	55.03 -0.39 0.00	47.33 -0.38 0.00	39.98 -0.57 0.00	35.35 -0.36 0.00
BABYLON_RES_REC 323704	47.48 3.07 -15.95	46.39 2.73 -18.35	45.75 2.82 -17.29	45.17 2.70 -17.66	45.70 2.63 -18.51	45.83 2.96 -13.31	46.51 3.32 -6.36	47.59 3.89 -2.77	48.93 3.95 -2.89	49.21 3.78 -5.61	48.15 2.71 -7.87	49.83 2.69 -9.20	47.62 2.53 -9.45	53.68 2.63 -13.97	57.68 2.80 -15.96	63.56 2.96 -20.63	86.48 3.13 -39.93	70.95 3.07 -20.02	68.01 3.14 -12.53	68.74 3.27 -10.05	69.19 3.44 -10.34	60.63 2.86 -10.06	53.41 3.24 -9.62	45.22 3.22 -6.29
BALL_HILL_WT_PWR 323825	27.60 -0.85 0.00	24.54 -0.76 0.00	24.67 -0.97 0.00	23.89 -0.92 0.00	23.80 -0.76 0.00	28.68 -0.89 0.00	34.99 -1.84 0.00	38.47 -2.45 0.00	39.47 -2.61 0.00	37.35 -2.47 0.00	35.32 -2.25 0.00	35.54 -2.39 0.00	33.47 -2.18 0.00	35.00 -2.08 0.00	36.47 -2.45 0.00	37.57 -2.40 0.00	40.52 -2.91 0.00	44.90 -2.97 0.00	49.88 -2.46 0.00	53.20 -2.22 0.00	52.59 -2.82 0.00	45.13 -2.58 0.00	38.07 -2.47 0.00	34.07 -1.64 0.00
BARON_WINDS____WT_PWR 323822	28.14 -0.31 0.00	25.05 -0.25 0.00	25.18 -0.46 0.00	24.38 -0.42 0.00	24.29 -0.27 0.00	29.25 -0.32 0.00	35.95 -0.88 0.00	39.70 -1.23 0.00	40.40 -1.68 0.00	38.22 -1.59 0.00	36.07 -1.50 0.00	36.30 -1.63 0.00	34.15 -1.50 0.00	35.71 -1.37 0.00	37.25 -1.67 0.00	38.37 -1.60 0.00	41.56 -1.87 0.00	46.14 -1.72 0.00	51.03 -1.31 0.00	54.53 -0.89 0.00	54.08 -1.33 0.00	46.42 -1.29 0.00	39.24 -1.30 0.00	34.89 -0.82 0.00
BARRETT_IC_1 23704	47.08 2.67 -15.95	46.03 2.38 -18.35	45.42 2.49 -17.29	44.87 2.41 -17.66	45.38 2.31 -18.51	45.42 2.54 -13.31	45.99 2.80 -6.36	47.06 3.36 -2.77	47.94 3.24 -2.62	48.09 3.19 -5.09	47.30 2.59 -7.14	48.93 2.65 -8.35	46.71 2.49 -8.57	52.36 2.59 -12.69	56.55 2.72 -14.90	61.64 2.96 -18.72	82.81 3.17 -36.22	62.34 3.16 -11.32	58.06 3.14 -2.58	58.92 3.49 -0.01	59.08 3.66 -0.01	53.83 2.91 -3.21	49.21 2.96 -5.70	44.09 2.68 -5.70
BARRETT_IC_10 23701	47.08 2.67 -15.95	46.03 2.38 -18.35	45.42 2.49 -17.29	44.87 2.41 -17.66	45.38 2.31 -18.51	45.42 2.54 -13.31	45.99 2.80 -6.36	47.06 3.36 -2.77	47.94 3.24 -2.62	48.09 3.19 -5.09	47.30 2.59 -7.14	48.93 2.65 -8.35	46.71 2.49 -8.57	52.21 2.59 -12.54	52.52 2.72 -10.88	61.64 2.96 -18.72	82.81 3.17 -36.22	62.34 3.16 -11.32	58.06 3.14 -2.58	58.92 3.49 -0.01	59.08 3.66 -0.01	53.83 2.91 -3.21	49.21 2.96 -5.70	44.09 2.68 -5.70
BARRETT_IC_11 23702	47.08 2.67 -15.95	46.03 2.38 -18.35	45.42 2.49 -17.29	44.87 2.41 -17.66	45.38 2.31 -18.51	45.42 2.54 -13.31	45.99 2.80 -6.36	47.06 3.36 -2.77	47.94 3.24 -2.62	48.09 3.19 -5.09	47.30 2.59 -7.14	48.93 2.65 -8.35	46.71 2.49 -8.57	52.21 2.59 -12.54	52.52 2.72 -10.88	61.64 2.96 -18.72	82.81 3.17 -36.22	62.34 3.16 -11.32	58.06 3.14 -2.58	58.92 3.49 -0.01	59.08 3.66 -0.01	53.83 2.91 -3.21	49.21 2.96 -5.70	44.09 2.68 -5.70
BARRETT_IC_12 23703	47.08 2.67 -15.95	46.03 2.38 -18.35	45.42 2.49 -17.29	44.87 2.41 -17.66	45.38 2.31 -18.51	45.42 2.54 -13.31	45.99 2.80 -6.36	47.06 3.36 -2.77	47.94 3.24 -2.62	48.09 3.19 -5.09	47.30 2.59 -7.14	48.93 2.65 -8.35	46.71 2.49 -8.57	52.21 2.59 -12.54	52.52 2.72 -10.88	61.64 2.96 -18.72	82.81 3.17 -36.22	62.34 3.16 -11.32	58.06 3.14 -2.58	58.92 3.49 -0.01	59.08 3.66 -0.01	53.83 2.91 -3.21	49.21 2.96 -5.70	44.09 2.68 -5.70
BARRETT_IC_2 23705	47.08 2.67 -15.95	46.03 2.38 -18.35	45.42 2.49 -17.29	44.87 2.41 -17.66	45.38 2.31 -18.51	45.42 2.54 -13.31	45.99 2.80 -6.36	47.06 3.36 -2.77	47.94 3.24 -2.62	48.09 3.19 -5.09	47.30 2.59 -7.14	48.93 2.65 -8.35	46.71 2.49 -8.57	52.36 2.59 -12.69	56.55 2.72 -14.90	61.64 2.96 -18.72	82.81 3.17 -36.22	62.34 3.16 -11.32	58.06 3.14 -2.58	58.92 3.49 -0.01	59.08 3.66 -0.01	53.83 2.91 -3.21	49.21 2.96 -5.70	44.09 2.68 -5.70
BARRETT_IC_3 23706	47.08 2.67 -15.95	46.03 2.38 -18.35	45.42 2.49 -17.29	44.87 2.41 -17.66	45.38 2.31 -18.51	45.42 2.54 -13.31	45.99 2.80 -6.36	47.06 3.36 -2.77	47.94 3.24 -2.62	48.09 3.19 -5.09	47.30 2.59 -7.14	48.93 2.65 -8.35	46.71 2.49 -8.57	52.36 2.59 -12.69	56.55 2.72 -14.90	61.64 2.96 -18.72	82.81 3.17 -36.22	62.34 3.16 -11.32	58.06 3.14 -2.58	58.92 3.49 -0.01	59.08 3.66 -0.01	53.83 2.91 -3.21	49.21 2.96 -5.70	44.09 2.68 -5.70
BARRETT_IC_4 23707	47.08 2.67 -15.95	46.03 2.38 -18.35	45.42 2.49 -17.29	44.87 2.41 -17.66	45.38 2.31 -18.51	45.42 2.54 -13.31	45.99 2.80 -6.36	47.06 3.36 -2.77	47.94 3.24 -2.62	48.09 3.19 -5.09	47.30 2.59 -7.14	48.93 2.65 -8.35	46.71 2.49 -8.57	52.36 2.59 -12.69	56.55 2.72 -14.90	61.64 2.96 -18.72	82.81 3.17 -36.22	62.34 3.16 -11.32	58.06 3.14 -2.58	58.92 3.49 -0.01	59.08 3.66 -0.01	53.83 2.91 -3.21	49.21 2.96 -5.70	44.09 2.68 -5.70
BARRETT_IC_5 23708	47.08 2.67 -15.95	46.03 2.38 -18.35	45.42 2.49 -17.29	44.87 2.41 -17.66	45.38 2.31 -18.51	45.42 2.54 -13.31	45.99 2.80 -6.36	47.06 3.36 -2.77	47.94 3.24 -2.62	48.09 3.19 -5.09	47.30 2.59 -7.14	48.93 2.65 -8.35	46.71 2.49 -8.57	52.36 2.59 -12.69	56.55 2.72 -14.90	61.64 2.96 -18.72	82.81 3.17 -36.22	62.34 3.16 -11.32	58.06 3.14 -2.58	58.92 3.49 -0.01	59.08 3.66 -0.01	53.83 2.91 -3.21	49.21 2.96 -5.70	44.09 2.68 -5.70

BARRETT_IC_6 23709	47.08 2.67 -15.95	46.03 2.38 -18.35	45.42 2.49 -17.29	44.87 2.41 -17.66	45.38 2.31 -18.51	45.42 2.54 -13.31	45.99 2.80 -6.36	47.06 3.36 -2.77	47.94 3.24 -2.62	48.09 3.19 -5.09	47.30 2.59 -7.14	48.93 2.65 -8.35	46.71 2.49 -8.57	52.36 2.59 -12.69	56.55 2.72 -14.90	61.64 2.96 -18.72	82.81 3.17 -36.22	62.34 3.16 -11.32	58.06 3.14 -2.58	58.92 3.49 -0.01	59.08 3.66 -0.01	53.83 2.91 -3.21	49.21 2.96 -5.70	44.09 2.68 -5.70
BARRETT_IC_7 23710	47.11 2.70 -15.95	46.03 2.38 -18.35	45.42 2.49 -17.29	44.87 2.41 -17.66	45.38 2.31 -18.51	45.45 2.57 -13.31	45.96 2.76 -6.36	47.06 3.36 -2.77	47.94 3.24 -2.62	48.13 3.22 -5.09	47.34 2.63 -7.14	48.93 2.66 -8.35	46.71 2.49 -8.57	52.29 2.52 -12.69	56.59 2.76 -14.90	61.64 2.96 -18.72	82.81 3.17 -36.22	62.34 3.16 -11.32	58.06 3.14 -2.58	58.91 3.49 -0.01	59.08 3.66 -0.01	53.83 2.91 -3.21	49.21 2.96 -5.70	44.05 2.64 -5.70
BARRETT_IC_8 23711	47.08 2.67 -15.95	46.03 2.38 -18.35	45.42 2.49 -17.29	44.87 2.41 -17.66	45.38 2.31 -18.51	45.42 2.54 -13.31	45.99 2.80 -6.36	47.06 3.36 -2.77	47.94 3.24 -2.62	48.09 3.19 -5.09	47.30 2.59 -7.14	48.93 2.65 -8.35	46.71 2.49 -8.57	52.36 2.59 -12.69	56.55 2.72 -14.90	61.64 2.96 -18.72	82.81 3.17 -36.22	62.34 3.16 -11.32	58.06 3.14 -2.58	58.92 3.49 -0.01	59.08 3.66 -0.01	53.83 2.91 -3.21	49.21 2.96 -5.70	44.09 2.68 -5.70
BARRETT_IC_9 23700	47.08 2.67 -15.95	46.03 2.38 -18.35	45.42 2.49 -17.29	44.87 2.41 -17.66	45.38 2.31 -18.51	45.42 2.54 -13.31	45.99 2.80 -6.36	47.06 3.36 -2.77	47.94 3.24 -2.62	48.09 3.19 -5.09	47.30 2.59 -7.14	48.93 2.65 -8.35	46.71 2.49 -8.57	52.21 2.59 -12.54	52.52 2.72 -10.88	61.64 2.96 -18.72	82.81 3.17 -36.22	62.34 3.16 -11.32	58.06 3.14 -2.58	58.92 3.49 -0.01	59.08 3.66 -0.01	53.83 2.91 -3.21	49.21 2.96 -5.70	44.09 2.68 -5.70
BARRETT___1 23545	47.08 2.67 -15.95	46.03 2.38 -18.35	45.42 2.49 -17.29	44.87 2.41 -17.66	45.38 2.31 -18.51	45.42 2.54 -13.31	45.99 2.80 -6.36	47.06 3.36 -2.77	47.94 3.24 -2.62	48.09 3.19 -5.09	47.30 2.59 -7.14	48.93 2.65 -8.35	46.71 2.49 -8.57	52.36 2.59 -12.69	56.55 2.72 -14.90	61.64 2.96 -18.72	82.81 3.17 -36.22	62.34 3.16 -11.32	58.06 3.14 -2.58	58.92 3.49 -0.01	59.08 3.66 -0.01	53.83 2.91 -3.21	49.21 2.96 -5.70	44.09 2.68 -5.70
BARRETT___2 23546	47.08 2.67 -15.95	46.03 2.38 -18.35	45.42 2.49 -17.29	44.87 2.41 -17.66	45.38 2.31 -18.51	45.42 2.54 -13.31	45.99 2.80 -6.36	47.06 3.36 -2.77	47.94 3.24 -2.62	48.09 3.19 -5.09	47.30 2.59 -7.14	48.93 2.65 -8.35	46.71 2.49 -8.57	52.21 2.59 -12.54	52.52 2.72 -10.88	61.64 2.96 -18.72	82.81 3.17 -36.22	62.34 3.16 -11.32	58.06 3.14 -2.58	58.92 3.49 -0.01	59.08 3.66 -0.01	53.83 2.91 -3.21	49.21 2.96 -5.70	44.09 2.68 -5.70
BATAVIA___115KV_TB1 55881	27.80 -0.65 0.00	24.74 -0.56 0.00	24.97 -0.67 0.00	24.13 -0.67 0.00	24.02 -0.54 0.00	28.95 -0.62 0.00	35.32 -1.51 0.00	38.80 -2.13 0.00	39.81 -2.27 0.00	37.47 -2.35 0.00	35.39 -2.18 0.00	35.73 -2.20 0.00	33.57 -2.07 0.00	35.11 -1.97 0.00	36.47 -2.45 0.00	37.65 -2.32 0.00	40.65 -2.78 0.00	45.28 -2.58 0.00	50.35 -1.99 0.00	53.75 -1.66 0.00	52.98 -2.44 0.00	45.66 -2.05 0.00	38.56 -1.99 0.00	34.46 -1.25 0.00
BAYONEEC___CTG1 323682	30.79 2.33 0.00	27.32 2.02 0.00	27.80 2.15 0.00	26.86 2.06 0.00	26.53 1.97 0.00	31.70 2.13 0.00	39.12 2.28 0.00	43.80 2.86 -0.01	45.53 3.03 -0.41	43.64 2.99 -0.84	41.65 2.89 -1.19	42.08 3.04 -1.12	39.99 2.85 -1.49	41.33 3.00 -1.25	43.36 3.23 -1.21	44.64 3.48 -1.20	47.75 3.69 -0.63	51.50 3.64 0.00	55.90 3.56 0.00	59.07 3.66 0.00	59.29 3.88 0.00	50.96 3.25 -0.01	44.32 2.88 -0.90	38.11 2.39 -0.01
BAYONEEC___CTG10 323750	30.79 2.33 0.00	27.32 2.02 0.00	27.80 2.15 0.00	26.86 2.06 0.00	26.53 1.97 0.00	31.70 2.13 0.00	39.12 2.28 0.00	43.80 2.86 -0.01	45.53 3.03 -0.41	43.64 2.99 -0.84	41.65 2.89 -1.19	42.08 3.04 -1.12	39.99 2.85 -1.49	41.33 3.00 -1.25	43.36 3.23 -1.21	44.64 3.48 -1.20	47.75 3.69 -0.63	51.50 3.64 0.00	55.90 3.56 0.00	59.07 3.66 0.00	59.29 3.88 0.00	50.96 3.25 -0.01	44.32 2.88 -0.90	38.11 2.39 -0.01
BAYONEEC___CTG2 323683	30.79 2.33 0.00	27.32 2.02 0.00	27.80 2.15 0.00	26.86 2.06 0.00	26.53 1.97 0.00	31.70 2.13 0.00	39.12 2.28 0.00	43.80 2.86 -0.01	45.53 3.03 -0.41	43.64 2.99 -0.84	41.65 2.89 -1.19	42.08 3.04 -1.12	39.99 2.85 -1.49	41.33 3.00 -1.25	43.36 3.23 -1.21	44.64 3.48 -1.20	47.75 3.69 -0.63	51.50 3.64 0.00	55.90 3.56 0.00	59.07 3.66 0.00	59.29 3.88 0.00	50.96 3.25 -0.01	44.32 2.88 -0.90	38.11 2.39 -0.01
BAYONEEC___CTG3 323684	30.79 2.33 0.00	27.32 2.02 0.00	27.80 2.15 0.00	26.86 2.06 0.00	26.53 1.97 0.00	31.70 2.13 0.00	39.12 2.28 0.00	43.80 2.86 -0.01	45.53 3.03 -0.41	43.64 2.99 -0.84	41.65 2.89 -1.19	42.08 3.04 -1.12	39.99 2.85 -1.49	41.33 3.00 -1.25	43.36 3.23 -1.21	44.64 3.48 -1.20	47.75 3.69 -0.63	51.50 3.64 0.00	55.90 3.56 0.00	59.07 3.66 0.00	59.29 3.88 0.00	50.96 3.25 -0.01	44.32 2.88 -0.90	38.11 2.39 -0.01
BAYONEEC___CTG4 323685	30.79 2.33 0.00	27.32 2.02 0.00	27.80 2.15 0.00	26.86 2.06 0.00	26.53 1.97 0.00	31.70 2.13 0.00	39.12 2.28 0.00	43.80 2.86 -0.01	45.53 3.03 -0.41	43.64 2.99 -0.84	41.65 2.89 -1.19	42.08 3.04 -1.12	39.99 2.85 -1.49	41.33 3.00 -1.25	43.36 3.23 -1.21	44.64 3.48 -1.20	47.75 3.69 -0.63	51.50 3.64 0.00	55.90 3.56 0.00	59.07 3.66 0.00	59.29 3.88 0.00	50.96 3.25 -0.01	44.32 2.88 -0.90	38.11 2.39 -0.01
BAYONEEC___CTG5 323686	30.79 2.33 0.00	27.32 2.02 0.00	27.80 2.15 0.00	26.86 2.06 0.00	26.53 1.97 0.00	31.70 2.13 0.00	39.12 2.28 0.00	43.80 2.86 -0.01	45.53 3.03 -0.41	43.64 2.99 -0.84	41.65 2.89 -1.19	42.08 3.04 -1.12	39.99 2.85 -1.49	41.33 3.00 -1.25	43.36 3.23 -1.21	44.64 3.48 -1.20	47.75 3.69 -0.63	51.50 3.64 0.00	55.90 3.56 0.00	59.07 3.66 0.00	59.29 3.88 0.00	50.96 3.25 -0.01	44.32 2.88 -0.90	38.11 2.39 -0.01
BAYONEEC___CTG6 323687	30.79 2.33 0.00	27.32 2.02 0.00	27.80 2.15 0.00	26.86 2.06 0.00	26.53 1.97 0.00	31.70 2.13 0.00	39.12 2.28 0.00	43.80 2.86 -0.01	45.53 3.03 -0.41	43.64 2.99 -0.84	41.65 2.89 -1.19	42.08 3.04 -1.12	39.99 2.85 -1.49	41.33 3.00 -1.25	43.36 3.23 -1.21	44.64 3.48 -1.20	47.75 3.69 -0.63	51.50 3.64 0.00	55.90 3.56 0.00	59.07 3.66 0.00	59.29 3.88 0.00	50.96 3.25 -0.01	44.32 2.88 -0.90	38.11 2.39 -0.01
BAYONEEC___CTG7 323688	30.79 2.33 0.00	27.32 2.02 0.00	27.80 2.15 0.00	26.86 2.06 0.00	26.53 1.97 0.00	31.70 2.13 0.00	39.12 2.28 0.00	43.80 2.86 -0.01	45.53 3.03 -0.41	43.64 2.99 -0.84	41.65 2.89 -1.19	42.08 3.04 -1.12	39.99 2.85 -1.49	41.33 3.00 -1.25	43.36 3.23 -1.21	44.64 3.48 -1.20	47.75 3.69 -0.63	51.50 3.64 0.00	55.90 3.56 0.00	59.07 3.66 0.00	59.29 3.88 0.00	50.96 3.25 -0.01	44.32 2.88 -0.90	38.11 2.39 -0.01

BAYONEEC___CTG8 323689	30.79 2.33 0.00	27.32 2.02 0.00	27.80 2.15 0.00	26.86 2.06 0.00	26.53 1.97 0.00	31.70 2.13 0.00	39.12 2.28 0.00	43.80 2.86 -0.01	45.53 3.03 -0.41	43.64 2.99 -0.84	41.65 2.89 -1.19	42.08 3.04 -1.12	39.99 2.85 -1.49	41.33 3.00 -1.25	43.36 3.23 -1.21	44.64 3.48 -1.20	47.75 3.69 -0.63	51.50 3.64 0.00	55.90 3.56 0.00	59.07 3.66 0.00	59.29 3.88 0.00	50.96 3.25 -0.01	44.32 2.88 -0.90	38.11 2.39 -0.01
BAYONEEC___CTG9 323749	30.79 2.33 0.00	27.32 2.02 0.00	27.80 2.15 0.00	26.86 2.06 0.00	26.53 1.97 0.00	31.70 2.13 0.00	39.12 2.28 0.00	43.80 2.86 -0.01	45.53 3.03 -0.41	43.64 2.99 -0.84	41.65 2.89 -1.19	42.08 3.04 -1.12	39.99 2.85 -1.49	41.33 3.00 -1.25	43.36 3.23 -1.21	44.64 3.48 -1.20	47.75 3.69 -0.63	51.50 3.64 0.00	55.90 3.56 0.00	59.07 3.66 0.00	59.29 3.88 0.00	50.96 3.25 -0.01	44.32 2.88 -0.90	38.11 2.39 -0.01
BEACON___LESR 323632	29.62 1.17 0.00	26.34 1.04 0.00	26.74 1.10 0.00	25.84 1.04 0.00	25.60 1.03 0.00	30.67 1.09 0.00	37.98 1.14 0.00	42.03 1.11 0.00	43.22 1.14 0.00	40.81 1.00 0.00	38.47 0.90 0.00	38.84 0.91 0.00	36.60 0.96 0.00	38.08 1.00 0.00	39.97 1.05 0.00	41.17 1.20 0.00	44.64 1.21 0.00	49.16 1.29 0.00	53.55 1.20 0.00	56.63 1.22 0.00	56.69 1.28 0.00	48.81 1.10 0.00	41.68 1.13 0.00	36.60 0.89 0.00
BEAVER RIVER___HYD 24048	27.69 -0.77 0.00	24.54 -0.76 0.00	24.84 -0.80 0.00	24.08 -0.72 0.00	23.90 -0.66 0.00	28.95 -0.62 0.00	36.28 -0.55 0.00	40.23 -0.70 0.00	41.24 -0.84 0.00	39.06 -0.76 0.00	36.86 -0.71 0.00	37.21 -0.72 0.00	34.82 -0.82 0.00	36.19 -0.89 0.00	38.06 -0.86 0.00	39.13 -0.84 0.00	42.69 -0.74 0.00	47.34 -0.53 0.00	52.24 -0.10 0.00	55.64 0.22 0.00	55.86 0.44 0.00	47.90 0.19 0.00	40.42 -0.12 0.00	35.42 -0.29 0.00
BEEBEE_GT_13 23619	27.83 -0.63 0.00	24.74 -0.56 0.00	25.00 -0.64 0.00	24.16 -0.64 0.00	24.02 -0.54 0.00	28.92 -0.65 0.00	35.43 -1.40 0.00	39.01 -1.92 0.00	40.02 -2.06 0.00	37.86 -1.95 0.00	35.80 -1.77 0.00	36.15 -1.78 0.00	34.00 -1.64 0.00	35.49 -1.59 0.00	36.97 -1.95 0.00	38.09 -1.88 0.00	41.13 -2.30 0.00	45.61 -2.25 0.00	50.35 -1.99 0.00	53.59 -1.83 0.00	52.98 -2.44 0.00	45.66 -2.05 0.00	38.64 -1.91 0.00	34.42 -1.29 0.00
BENSHRST_27_KV_BENSHRST_1 355998	31.12 2.65 -0.02	27.70 2.38 -0.02	28.15 2.49 -0.02	27.19 2.38 -0.01	26.88 2.31 -0.01	32.02 2.42 -0.02	39.29 2.43 -0.02	44.01 3.03 -0.06	49.50 3.28 -0.14	51.61 3.34 -0.84	52.81 3.27 -1.19	52.53 3.34 -1.12	53.83 3.14 -1.50	52.99 3.30 -1.26	54.75 3.62 -1.22	55.93 3.88 -1.20	53.96 4.17 -0.63	51.91 4.02 -0.03	56.32 3.98 0.00	59.52 4.10 0.00	59.68 4.27 0.00	51.23 3.48 -0.03	52.69 3.12 -0.90	38.26 2.50 -0.06
BETHLEHEM___GRP 23843	29.22 0.77 0.00	26.03 0.73 0.00	26.41 0.77 0.00	25.55 0.74 0.00	25.28 0.71 0.00	30.25 0.68 0.00	37.42 0.59 0.00	41.38 0.45 0.00	42.54 0.46 0.00	40.25 0.44 0.00	37.95 0.38 0.00	38.31 0.38 0.00	36.07 0.43 0.00	37.53 0.44 0.00	39.43 0.51 0.00	40.53 0.56 0.00	43.91 0.48 0.00	48.25 0.38 0.00	52.55 0.21 0.00	55.58 0.17 0.00	55.64 0.22 0.00	47.95 0.24 0.00	40.99 0.45 0.00	36.03 0.32 0.00
BETHLEHEM___GS1 323560	29.25 0.80 0.00	26.03 0.73 0.00	26.41 0.77 0.00	25.55 0.74 0.00	25.28 0.71 0.00	30.25 0.68 0.00	37.46 0.63 0.00	41.38 0.45 0.00	42.54 0.46 0.00	40.21 0.40 0.00	37.95 0.38 0.00	38.31 0.38 0.00	36.07 0.43 0.00	37.53 0.45 0.00	39.39 0.47 0.00	40.53 0.56 0.00	43.91 0.48 0.00	48.25 0.38 0.00	52.55 0.21 0.00	55.58 0.17 0.00	55.64 0.22 0.00	47.95 0.24 0.00	40.99 0.45 0.00	36.03 0.32 0.00
BETHLEHEM___GS2 323561	29.25 0.80 0.00	26.03 0.73 0.00	26.41 0.77 0.00	25.55 0.74 0.00	25.28 0.71 0.00	30.25 0.68 0.00	37.46 0.63 0.00	41.38 0.45 0.00	42.54 0.46 0.00	40.21 0.40 0.00	37.95 0.38 0.00	38.31 0.38 0.00	36.07 0.43 0.00	37.53 0.45 0.00	39.39 0.47 0.00	40.53 0.56 0.00	43.91 0.48 0.00	48.25 0.38 0.00	52.55 0.21 0.00	55.58 0.17 0.00	55.64 0.22 0.00	47.95 0.24 0.00	40.99 0.45 0.00	36.03 0.32 0.00
BETHLEHEM___GS3 323562	29.25 0.80 0.00	26.03 0.73 0.00	26.41 0.77 0.00	25.55 0.74 0.00	25.28 0.71 0.00	30.25 0.68 0.00	37.46 0.63 0.00	41.38 0.45 0.00	42.54 0.46 0.00	40.21 0.40 0.00	37.95 0.38 0.00	38.31 0.38 0.00	36.07 0.43 0.00	37.53 0.45 0.00	39.39 0.47 0.00	40.53 0.56 0.00	43.91 0.48 0.00	48.25 0.38 0.00	52.55 0.21 0.00	55.58 0.17 0.00	55.64 0.22 0.00	47.95 0.24 0.00	40.99 0.45 0.00	36.03 0.32 0.00
BETHLEHEM___STEEL 23779	27.49 -0.97 0.00	24.46 -0.83 0.00	24.56 -1.08 0.00	23.79 -1.02 0.00	23.70 -0.86 0.00	28.51 -1.06 0.00	34.73 -2.10 0.00	38.15 -2.78 0.00	39.14 -2.95 0.00	36.87 -2.95 0.00	34.83 -2.74 0.00	35.20 -2.73 0.00	33.15 -2.49 0.00	34.67 -2.41 0.00	35.96 -2.96 0.00	37.21 -2.76 0.00	40.08 -3.34 0.00	44.42 -3.45 0.00	49.36 -2.98 0.00	52.64 -2.77 0.00	52.03 -3.38 0.00	44.70 -3.01 0.00	37.79 -2.76 0.00	33.89 -1.82 0.00
BETHLHEM_115KV_TB1 79974	29.25 0.80 0.00	26.03 0.73 0.00	26.41 0.77 0.00	25.57 0.77 0.00	25.28 0.71 0.00	30.28 0.71 0.00	37.46 0.63 0.00	41.46 0.53 0.00	42.63 0.55 0.00	40.33 0.52 0.00	38.02 0.45 0.00	38.38 0.46 0.00	36.14 0.50 0.00	37.60 0.52 0.00	39.46 0.54 0.00	40.61 0.64 0.00	44.04 0.61 0.00	48.39 0.53 0.00	52.66 0.31 0.00	55.75 0.33 0.00	55.80 0.39 0.00	48.09 0.38 0.00	41.07 0.53 0.00	36.10 0.39 0.00
BETHPAGE_CC_5 323564	47.36 2.96 -15.95	46.26 2.61 -18.35	45.63 2.69 -17.29	45.05 2.58 -17.66	45.58 2.51 -18.51	45.69 2.81 -13.31	46.32 3.13 -6.36	47.26 3.56 -2.77	48.81 3.66 -3.07	49.32 3.54 -5.96	48.78 2.85 -8.35	50.62 2.92 -9.77	48.38 2.71 -10.03	54.76 2.86 -14.83	58.88 3.00 -16.96	65.11 3.24 -21.90	89.28 3.48 -42.38	66.93 3.45 -15.62	61.92 3.51 -6.07	62.30 3.71 -3.17	62.55 3.88 -3.26	56.81 3.29 -5.81	51.59 3.33 -7.72	45.38 3.00 -6.68
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	27.54 -0.91 0.00	24.49 -0.81 0.00	24.61 -1.03 0.00	23.84 -0.97 0.00	23.73 -0.84 0.00	28.54 -1.03 0.00	34.81 -2.03 0.00	38.27 -2.66 0.00	39.26 -2.82 0.00	36.99 -2.83 0.00	34.94 -2.63 0.00	35.35 -2.58 0.00	33.25 -2.39 0.00	34.78 -2.30 0.00	36.08 -2.84 0.00	37.33 -2.64 0.00	40.21 -3.21 0.00	44.56 -3.30 0.00	49.51 -2.83 0.00	52.87 -2.55 0.00	52.20 -3.21 0.00	44.85 -2.86 0.00	37.91 -2.64 0.00	33.96 -1.75 0.00
BINGHAMTON___COGEN 23790	28.77 0.31 0.00	25.58 0.28 0.00	25.82 0.18 0.00	24.98 0.17 0.00	24.81 0.25 0.00	29.81 0.24 0.00	36.83 0.00 0.00	40.85 -0.08 0.00	41.91 -0.17 0.00	39.62 -0.20 0.00	37.42 -0.15 0.00	37.78 -0.15 0.00	35.50 -0.14 0.00	37.01 -0.07 0.00	38.76 -0.16 0.00	39.89 -0.08 0.00	43.25 -0.17 0.00	47.82 -0.05 0.00	52.45 0.10 0.00	55.75 0.33 0.00	55.53 0.11 0.00	47.71 0.00 0.00	40.38 -0.16 0.00	35.71 0.00 0.00

BIXINCNT_115KV_LOAD 355685	27.66 -0.80 0.00	24.59 -0.71 0.00	24.67 -0.97 0.00	23.91 -0.89 0.00	23.80 -0.76 0.00	28.71 -0.86 0.00	35.14 -1.69 0.00	38.76 -2.17 0.00	39.81 -2.27 0.00	37.50 -2.31 0.00	35.47 -2.10 0.00	35.84 -2.09 0.00	33.72 -1.92 0.00	35.34 -1.74 0.00	36.66 -2.26 0.00	37.97 -2.00 0.00	40.87 -2.56 0.00	45.28 -2.58 0.00	50.35 -1.99 0.00	53.75 -1.66 0.00	53.09 -2.33 0.00	45.42 -2.29 0.00	38.31 -2.23 0.00	34.21 -1.50 0.00
BLACK RIVER___HYD 24047	28.08 -0.37 0.00	24.94 -0.35 0.00	25.23 -0.41 0.00	24.40 -0.40 0.00	24.24 -0.32 0.00	29.37 -0.21 0.00	36.65 -0.18 0.00	40.52 -0.41 0.00	41.37 -0.72 0.00	39.02 -0.80 0.00	36.89 -0.68 0.00	37.21 -0.72 0.00	34.82 -0.82 0.00	36.19 -0.89 0.00	38.06 -0.86 0.00	39.21 -0.76 0.00	42.69 -0.74 0.00	47.53 -0.33 0.00	52.60 0.26 0.00	56.19 0.78 0.00	56.41 1.00 0.00	48.33 0.62 0.00	40.66 0.12 0.00	35.60 -0.11 0.00
BLACKRVR_115KV_TB2 79977	28.08 -0.37 0.00	24.94 -0.35 0.00	25.23 -0.41 0.00	24.41 -0.40 0.00	24.24 -0.32 0.00	29.36 -0.21 0.00	36.65 -0.18 0.00	40.52 -0.41 0.00	41.37 -0.72 0.00	39.02 -0.80 0.00	36.89 -0.68 0.00	37.21 -0.72 0.00	34.82 -0.82 0.00	36.19 -0.89 0.00	38.06 -0.86 0.00	39.17 -0.80 0.00	42.69 -0.74 0.00	47.53 -0.34 0.00	52.60 0.26 0.00	56.19 0.78 0.00	56.41 1.00 0.00	48.33 0.62 0.00	40.66 0.12 0.00	35.60 -0.11 0.00
BLDWN_LI_69_KV_BK4 356085	47.33 2.93 -15.95	46.21 2.56 -18.35	45.57 2.64 -17.29	45.02 2.55 -17.66	45.53 2.46 -18.51	45.63 2.75 -13.31	46.21 3.02 -6.36	47.34 3.64 -2.77	49.19 3.70 -3.41	50.02 3.58 -6.62	49.90 3.04 -9.28	51.82 3.03 -10.86	49.64 2.85 -11.15	56.53 2.97 -16.48	61.00 3.11 -18.96	67.62 3.32 -24.33	94.12 3.60 -47.08	66.17 3.59 -14.71	59.36 3.66 -3.36	59.36 3.93 -0.01	59.53 4.10 -0.01	55.42 3.53 -4.18	51.41 3.45 -7.42	46.16 3.04 -7.42
BLISS_WT_PWR 323608	27.60 -0.85 0.00	24.54 -0.76 0.00	24.61 -1.03 0.00	23.86 -0.94 0.00	23.75 -0.81 0.00	28.71 -0.86 0.00	35.14 -1.69 0.00	38.76 -2.17 0.00	39.81 -2.27 0.00	37.62 -2.19 0.00	35.61 -1.96 0.00	35.84 -2.09 0.00	33.75 -1.89 0.00	35.38 -1.71 0.00	36.86 -2.06 0.00	37.97 -2.00 0.00	40.91 -2.52 0.00	45.28 -2.59 0.00	50.35 -1.99 0.00	53.75 -1.66 0.00	53.09 -2.33 0.00	45.42 -2.29 0.00	38.27 -2.27 0.00	34.14 -1.57 0.00
BLUESTONE___WT_PWR 323821	29.76 1.31 0.00	26.54 1.24 0.00	26.82 1.18 0.00	25.94 1.14 0.00	25.79 1.23 0.00	31.14 1.57 0.00	38.60 1.77 0.00	42.77 1.84 0.00	43.89 1.81 0.00	41.37 1.55 0.00	39.07 1.50 0.00	39.52 1.59 0.00	37.00 1.35 0.00	38.52 1.44 0.00	40.44 1.52 0.00	41.65 1.68 0.00	45.34 1.91 0.00	50.30 2.44 0.00	55.43 3.09 0.00	58.96 3.55 0.00	58.91 3.49 0.00	50.48 2.77 0.00	42.45 1.91 0.00	37.32 1.61 0.00
BLUE_CIRC_CHEM_DRP 24182	29.36 0.91 0.00	26.13 0.83 0.00	26.51 0.87 0.00	25.67 0.87 0.00	25.40 0.84 0.00	30.43 0.86 0.00	37.64 0.81 0.00	41.71 0.78 0.00	42.84 0.76 0.00	40.45 0.64 0.00	38.13 0.56 0.00	38.46 0.53 0.00	36.18 0.53 0.00	37.64 0.56 0.00	39.50 0.58 0.00	40.65 0.68 0.00	44.25 0.83 0.00	48.73 0.86 0.00	53.13 0.79 0.00	56.25 0.83 0.00	56.36 0.94 0.00	48.57 0.86 0.00	41.43 0.89 0.00	36.46 0.75 0.00
BOC_GAS_DRP 24189	29.28 0.83 0.00	26.06 0.76 0.00	26.43 0.79 0.00	25.57 0.77 0.00	25.30 0.74 0.00	30.31 0.74 0.00	37.50 0.66 0.00	41.63 0.70 0.00	42.80 0.72 0.00	40.49 0.68 0.00	38.21 0.64 0.00	38.57 0.64 0.00	36.28 0.64 0.00	37.78 0.70 0.00	39.66 0.74 0.00	40.77 0.80 0.00	44.25 0.83 0.00	48.68 0.81 0.00	53.02 0.68 0.00	56.08 0.66 0.00	56.13 0.72 0.00	48.38 0.67 0.00	41.27 0.73 0.00	36.28 0.57 0.00
BOONVILLE_115KV_TB1 79983	28.60 0.14 0.00	25.42 0.13 0.00	25.72 0.08 0.00	24.90 0.10 0.00	24.71 0.15 0.00	29.84 0.27 0.00	37.16 0.33 0.00	41.26 0.33 0.00	42.38 0.29 0.00	40.09 0.28 0.00	37.87 0.30 0.00	38.23 0.30 0.00	35.86 0.21 0.00	37.27 0.19 0.00	39.15 0.23 0.00	40.25 0.28 0.00	43.82 0.39 0.00	48.53 0.67 0.00	53.28 0.94 0.00	56.63 1.22 0.00	56.74 1.33 0.00	48.71 1.00 0.00	41.15 0.61 0.00	36.14 0.43 0.00
BORALEX_4TH_BRANCH 23824	29.99 1.54 0.00	26.69 1.39 0.00	27.08 1.44 0.00	26.19 1.39 0.00	25.92 1.35 0.00	31.05 1.48 0.00	38.53 1.69 0.00	42.81 1.88 0.00	44.02 1.94 0.00	41.61 1.79 0.00	39.22 1.65 0.00	39.64 1.71 0.00	37.28 1.64 0.00	38.79 1.71 0.00	40.59 1.67 0.00	41.69 1.72 0.00	45.43 2.00 0.00	49.83 1.96 0.00	54.23 1.88 0.00	57.30 1.88 0.00	57.41 1.99 0.00	49.48 1.77 0.00	42.41 1.86 0.00	37.21 1.50 0.00
BOWLINE___1 23526	30.36 1.91 0.00	26.99 1.70 0.00	27.41 1.77 0.00	26.49 1.69 0.00	26.18 1.62 0.00	31.29 1.71 0.00	38.67 1.84 0.00	43.18 2.25 0.00	44.48 2.40 0.00	42.20 2.39 0.00	39.90 2.33 0.00	40.32 2.39 0.00	37.89 2.25 0.00	39.46 2.38 0.00	41.45 2.53 0.00	42.77 2.80 0.00	46.38 2.95 0.00	50.83 2.97 0.00	55.27 2.93 0.00	58.46 3.05 0.00	58.63 3.21 0.00	50.38 2.67 0.00	42.89 2.35 0.00	37.63 1.93 0.00
BOWLINE___2 23595	30.36 1.91 0.00	26.99 1.70 0.00	27.41 1.77 0.00	26.49 1.69 0.00	26.18 1.62 0.00	31.29 1.71 0.00	38.67 1.84 0.00	43.18 2.25 0.00	44.48 2.40 0.00	42.20 2.39 0.00	39.90 2.33 0.00	40.32 2.39 0.00	37.89 2.25 0.00	39.46 2.38 0.00	41.45 2.53 0.00	42.77 2.80 0.00	46.38 2.95 0.00	50.83 2.97 0.00	55.27 2.93 0.00	58.46 3.05 0.00	58.63 3.21 0.00	50.38 2.67 0.00	42.89 2.35 0.00	37.63 1.93 0.00
BRADY___115KV_TB2 356060	27.91 -0.54 0.00	24.77 -0.53 0.00	25.10 -0.54 0.00	24.31 -0.50 0.00	24.00 -0.56 0.00	29.16 -0.41 0.00	37.13 0.29 0.00	41.22 0.29 0.00	42.33 0.25 0.00	39.89 0.08 0.00	37.65 0.08 0.00	37.97 0.04 0.00	35.54 -0.11 0.00	36.89 -0.19 0.00	38.84 -0.08 0.00	39.89 -0.08 0.00	43.52 0.09 0.00	48.06 0.19 0.00	52.86 0.52 0.00	56.02 0.61 0.00	56.13 0.72 0.00	48.33 0.62 0.00	41.23 0.69 0.00	36.06 0.36 0.00
BRANSCOMB___SOLAR 323811	29.87 1.42 0.00	26.56 1.26 0.00	26.95 1.31 0.00	26.07 1.26 0.00	25.79 1.23 0.00	30.96 1.39 0.00	38.60 1.77 0.00	42.97 2.05 0.00	44.18 2.10 0.00	41.52 1.71 0.00	39.07 1.50 0.00	39.52 1.59 0.00	37.25 1.61 0.00	38.67 1.59 0.00	40.55 1.63 0.00	41.69 1.72 0.00	45.47 2.04 0.00	49.83 1.96 0.00	54.44 2.10 0.00	57.74 2.33 0.00	57.85 2.44 0.00	49.81 2.10 0.00	42.45 1.91 0.00	37.21 1.50 0.00
BRDGHMPT_69_KV_BK1 55812	48.02 3.61 -15.95	46.79 3.14 -18.35	46.16 3.23 -17.29	45.57 3.10 -17.66	46.09 3.02 -18.51	46.31 3.43 -13.31	47.03 3.83 -6.36	48.37 4.67 -2.77	49.52 4.88 -2.56	49.49 4.70 -4.98	48.30 3.76 -6.97	49.92 3.83 -8.16	47.62 3.60 -8.38	53.35 3.89 -12.38	57.38 4.36 -14.10	62.93 4.68 -18.28	84.02 5.12 -35.46	173.62 5.31 -120.44	201.10 5.86 -142.89	207.10 6.15 -145.54	211.50 6.37 -149.72	150.64 5.39 -97.54	99.58 5.19 -53.85	45.97 4.61 -5.66

BRENTWOD_69_KV_W. BRTWOOD 56703	47.65 3.24 -15.95	46.54 2.88 -18.35	45.91 2.97 -17.29	45.32 2.85 -17.66	45.85 2.78 -18.51	46.04 3.16 -13.31	46.66 3.46 -6.36	47.79 4.09 -2.77	48.87 4.17 -2.62	48.92 4.02 -5.09	47.86 3.16 -7.13	49.42 3.15 -8.34	47.13 2.92 -8.57	52.86 3.11 -12.66	56.73 3.39 -14.43	62.27 3.60 -18.70	83.15 3.52 -36.21	85.30 3.30 -34.14	87.62 3.40 -31.87	89.34 3.55 -30.38	90.38 3.71 -31.25	73.72 3.10 -22.91	59.97 3.65 -15.77	44.71 3.29 -5.72
BRISTLHL_115KV_TB1 79998	28.08 -0.37 0.00	24.99 -0.30 0.00	25.28 -0.36 0.00	24.46 -0.35 0.00	24.27 -0.29 0.00	29.19 -0.38 0.00	36.06 -0.77 0.00	39.95 -0.98 0.00	40.99 -1.09 0.00	38.74 -1.07 0.00	36.63 -0.94 0.00	36.94 -0.99 0.00	34.75 -0.89 0.00	36.15 -0.93 0.00	37.91 -1.01 0.00	38.89 -1.08 0.00	42.26 -1.17 0.00	46.67 -1.20 0.00	51.14 -1.20 0.00	54.31 -1.11 0.00	54.14 -1.27 0.00	46.52 -1.19 0.00	39.41 -1.14 0.00	34.85 -0.86 0.00
BROOKHAVEN___DRP 24191	47.90 3.50 -15.95	46.71 3.06 -18.35	46.09 3.15 -17.29	45.49 3.03 -17.66	46.02 2.95 -18.51	46.22 3.34 -13.31	46.88 3.68 -6.36	48.08 4.38 -2.77	49.14 4.50 -2.56	49.13 4.34 -4.97	48.03 3.49 -6.97	49.61 3.53 -8.15	47.29 3.28 -8.37	52.90 3.45 -12.37	56.83 3.81 -14.09	62.28 4.04 -18.27	83.21 4.34 -35.44	171.95 4.40 -119.68	198.93 4.66 -141.93	204.88 4.93 -144.54	209.20 5.10 -148.69	148.85 4.25 -96.89	98.27 4.22 -53.51	45.15 3.79 -5.65
BROOKLYN_NAVY_YARD 23515	30.70 2.25 0.00	27.25 1.95 0.00	27.72 2.08 0.00	26.79 1.98 0.00	26.43 1.87 0.00	31.64 2.07 0.00	39.04 2.21 0.00	43.67 2.74 0.00	45.03 2.94 0.00	42.72 2.90 0.00	40.42 2.85 0.00	40.89 2.96 0.00	38.42 2.78 0.00	40.01 2.93 0.00	42.13 3.11 -0.09	43.37 3.40 0.00	47.03 3.60 0.00	51.41 3.54 0.00	55.80 3.45 0.00	59.01 3.60 0.00	59.24 3.82 0.00	50.86 3.15 0.00	43.34 2.80 0.00	38.03 2.32 0.00
BROOKLYN___ARMY_DRP 323595	31.01 2.53 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.18 2.32 -0.02	43.85 2.87 -0.06	49.33 3.11 -4.14	51.45 3.19 -8.45	52.66 3.12 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.60 3.46 -12.22	55.77 3.72 -12.08	53.75 3.95 -6.37	51.68 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.40 3.99 0.00	50.99 3.24 -0.03	52.53 2.96 -9.03	38.12 2.36 -0.06
BROOME_2_LFGE 323671	28.77 0.31 0.00	25.58 0.28 0.00	25.82 0.18 0.00	24.98 0.17 0.00	24.81 0.25 0.00	29.81 0.24 0.00	36.87 0.04 0.00	40.85 -0.08 0.00	41.91 -0.17 0.00	39.66 -0.16 0.00	37.46 -0.11 0.00	37.78 -0.15 0.00	35.50 -0.14 0.00	37.01 -0.07 0.00	38.76 -0.16 0.00	39.89 -0.08 0.00	43.26 -0.17 0.00	47.82 -0.05 0.00	52.45 0.10 0.00	55.75 0.33 0.00	55.53 0.11 0.00	47.71 0.00 0.00	40.38 -0.16 0.00	35.71 0.00 0.00
BROOME___LFGE 323600	28.77 0.31 0.00	25.58 0.28 0.00	25.82 0.18 0.00	24.98 0.17 0.00	24.81 0.25 0.00	29.81 0.24 0.00	36.87 0.04 0.00	40.85 -0.08 0.00	41.91 -0.17 0.00	39.66 -0.16 0.00	37.46 -0.11 0.00	37.78 -0.15 0.00	35.50 -0.14 0.00	37.01 -0.07 0.00	38.76 -0.16 0.00	39.89 -0.08 0.00	43.26 -0.17 0.00	47.82 -0.05 0.00	52.45 0.10 0.00	55.75 0.33 0.00	55.53 0.11 0.00	47.71 0.00 0.00	40.38 -0.16 0.00	35.71 0.00 0.00
BROWNFLS_115KV_TB_3_5 80003	27.20 -1.25 0.00	24.13 -1.16 0.00	24.46 -1.18 0.00	23.69 -1.12 0.00	23.46 -1.11 0.00	28.45 -1.12 0.00	35.95 -0.88 0.00	39.91 -1.02 0.00	40.99 -1.09 0.00	38.74 -1.07 0.00	36.59 -0.98 0.00	36.91 -1.02 0.00	34.54 -1.10 0.00	35.86 -1.22 0.00	37.75 -1.17 0.00	38.77 -1.20 0.00	42.30 -1.13 0.00	46.81 -1.05 0.00	51.50 -0.84 0.00	54.75 -0.66 0.00	54.92 -0.50 0.00	47.14 -0.57 0.00	40.02 -0.53 0.00	35.03 -0.68 0.00
BROWNSV1_27_KV_LOAD 356125	31.01 2.56 0.00	27.52 2.23 0.00	27.97 2.33 0.00	27.03 2.23 0.00	26.68 2.11 0.00	31.91 2.34 0.00	39.34 2.50 0.00	44.08 3.15 0.00	45.41 3.32 0.00	43.16 3.34 0.00	40.84 3.27 0.00	41.27 3.34 0.00	38.74 3.10 0.00	40.38 3.30 0.00	42.50 3.58 0.00	43.77 3.80 0.00	47.51 4.08 0.00	51.93 4.07 0.00	56.37 4.03 0.00	59.63 4.21 0.00	59.79 4.38 0.00	51.34 3.63 0.00	43.75 3.20 0.00	38.39 2.68 0.00
BURROWS___LYONSDAL 23803	28.37 -0.09 0.00	25.17 -0.13 0.00	25.49 -0.15 0.00	24.70 -0.10 0.00	24.49 -0.07 0.00	29.60 0.03 0.00	36.94 0.11 0.00	41.01 0.08 0.00	42.08 0.00 0.00	39.85 0.04 0.00	37.65 0.08 0.00	38.00 0.08 0.00	35.61 -0.04 0.00	37.01 -0.07 0.00	38.88 -0.04 0.00	39.97 0.00 0.00	43.56 0.13 0.00	48.25 0.38 0.00	53.07 0.73 0.00	56.41 1.00 0.00	56.52 1.11 0.00	48.57 0.86 0.00	40.99 0.45 0.00	35.99 0.29 0.00
CAITHNESS_CC_1 323624	47.79 3.38 -15.95	46.66 3.01 -18.35	46.03 3.10 -17.29	45.44 2.97 -17.66	45.94 2.87 -18.51	46.13 3.25 -13.31	46.81 3.61 -6.36	47.96 4.26 -2.77	48.97 4.34 -2.56	48.92 4.14 -4.97	47.84 3.31 -6.97	49.45 3.37 -8.15	47.14 3.14 -8.36	52.82 3.37 -12.36	56.63 3.62 -14.09	62.11 3.88 -18.26	82.98 4.13 -35.42	170.95 4.16 -118.93	197.70 4.40 -140.96	203.55 4.60 -143.54	207.89 4.82 -147.66	147.96 4.01 -96.24	97.74 4.01 -53.18	45.00 3.64 -5.65
CALPINE BETH_PAGE_GT4 24209	47.30 2.90 -15.95	46.21 2.56 -18.35	45.60 2.67 -17.29	45.02 2.55 -17.66	45.53 2.46 -18.51	45.63 2.75 -13.31	46.21 3.02 -6.36	47.26 3.56 -2.77	49.00 3.66 -3.26	49.74 3.58 -6.34	49.39 2.93 -8.88	51.28 2.96 -10.39	49.09 2.78 -10.67	55.75 2.89 -15.77	60.10 3.11 -18.07	66.58 3.32 -23.29	92.06 3.56 -45.07	67.41 3.59 -15.96	61.62 3.66 -5.62	61.74 3.82 -2.51	61.98 3.99 -2.58	56.72 3.39 -5.62	51.84 3.37 -7.93	45.81 3.00 -7.10
CALPINE_BETH_PAGE_GT_4 323586	47.31 2.90 -15.95	46.21 2.55 -18.35	45.60 2.67 -17.29	45.02 2.56 -17.66	45.53 2.46 -18.51	45.63 2.75 -13.31	46.25 3.06 -6.36	47.26 3.56 -2.77	49.00 3.66 -3.26	49.69 3.54 -6.34	49.35 2.89 -8.88	51.28 2.96 -10.39	49.09 2.78 -10.67	55.75 2.89 -15.77	60.06 3.07 -18.07	66.58 3.32 -23.29	92.06 3.56 -45.07	67.42 3.59 -15.96	61.62 3.66 -5.62	61.74 3.82 -2.51	61.98 3.99 -2.58	56.72 3.39 -5.62	51.83 3.36 -7.93	45.81 3.00 -7.10
CALPINE_BP_GT1 23823	47.31 2.90 -15.95	46.21 2.55 -18.35	45.60 2.67 -17.29	45.02 2.56 -17.66	45.53 2.46 -18.51	45.63 2.75 -13.31	46.25 3.06 -6.36	47.26 3.56 -2.77	49.00 3.66 -3.26	49.69 3.54 -6.34	49.35 2.89 -8.88	51.28 2.96 -10.39	49.09 2.78 -10.67	55.75 2.89 -15.77	60.06 3.07 -18.07	66.58 3.32 -23.29	92.06 3.56 -45.07	67.42 3.59 -15.96	61.62 3.66 -5.62	61.74 3.82 -2.51	61.98 3.99 -2.58	56.72 3.39 -5.62	51.83 3.36 -7.93	45.81 3.00 -7.10
CALSPAN___DRP 24200	27.49 -0.97 0.00	24.46 -0.83 0.00	24.56 -1.08 0.00	23.79 -1.02 0.00	23.70 -0.86 0.00	28.51 -1.06 0.00	34.73 -2.10 0.00	38.15 -2.78 0.00	39.14 -2.95 0.00	36.87 -2.95 0.00	34.83 -2.74 0.00	35.20 -2.73 0.00	33.15 -2.49 0.00	34.67 -2.41 0.00	35.96 -2.96 0.00	37.21 -2.76 0.00	40.08 -3.34 0.00	44.42 -3.45 0.00	49.36 -2.98 0.00	52.64 -2.77 0.00	52.03 -3.38 0.00	44.70 -3.01 0.00	37.79 -2.76 0.00	33.89 -1.82 0.00

CALVERTON___SOLAR 323806	47.96 3.56 -15.95	46.79 3.14 -18.35	46.14 3.20 -17.29	45.54 3.07 -17.66	46.07 3.00 -18.51	46.28 3.40 -13.31	47.03 3.83 -6.36	48.20 4.50 -2.77	49.27 4.63 -2.56	49.21 4.42 -4.97	48.11 3.57 -6.97	49.73 3.64 -8.15	47.40 3.39 -8.37	53.09 3.64 -12.37	56.95 3.93 -14.10	62.44 4.20 -18.28	83.39 4.52 -35.45	172.55 4.64 -120.04	199.70 4.98 -142.39	205.64 5.21 -145.01	210.02 5.43 -149.18	149.44 4.53 -97.20	98.63 4.42 -53.67	45.32 3.96 -5.65
CANDIGU_WT_PWR 323617	28.14 -0.31 0.00	25.05 -0.25 0.00	25.18 -0.46 0.00	24.38 -0.42 0.00	24.29 -0.27 0.00	29.25 -0.32 0.00	35.95 -0.88 0.00	39.70 -1.23 0.00	40.40 -1.68 0.00	38.22 -1.59 0.00	36.07 -1.50 0.00	36.30 -1.63 0.00	34.15 -1.50 0.00	35.71 -1.37 0.00	37.25 -1.67 0.00	38.37 -1.60 0.00	41.56 -1.87 0.00	46.14 -1.72 0.00	51.03 -1.31 0.00	54.53 -0.89 0.00	54.08 -1.33 0.00	46.42 -1.29 0.00	39.24 -1.30 0.00	34.89 -0.82 0.00
CARR STREET_E_SYR 24060	28.45 0.00 0.00	25.30 0.00 0.00	25.56 -0.08 0.00	24.73 -0.07 0.00	24.54 -0.02 0.00	29.51 -0.06 0.00	36.50 -0.33 0.00	40.44 -0.49 0.00	41.49 -0.59 0.00	39.26 -0.56 0.00	37.12 -0.45 0.00	37.43 -0.49 0.00	35.18 -0.46 0.00	36.67 -0.41 0.00	38.45 -0.47 0.00	39.45 -0.52 0.00	42.82 -0.61 0.00	47.29 -0.57 0.00	51.82 -0.52 0.00	55.03 -0.39 0.00	54.81 -0.61 0.00	47.14 -0.57 0.00	39.89 -0.65 0.00	35.28 -0.43 0.00
CARTHAGE___PAPER 23857	27.80 -0.65 0.00	24.69 -0.61 0.00	24.97 -0.67 0.00	24.18 -0.62 0.00	24.02 -0.54 0.00	29.10 -0.47 0.00	36.46 -0.37 0.00	40.40 -0.53 0.00	41.32 -0.76 0.00	39.02 -0.80 0.00	36.86 -0.71 0.00	37.17 -0.76 0.00	34.79 -0.86 0.00	36.15 -0.93 0.00	38.03 -0.89 0.00	39.13 -0.84 0.00	42.69 -0.74 0.00	47.43 -0.43 0.00	52.45 0.10 0.00	55.91 0.50 0.00	56.19 0.78 0.00	48.14 0.43 0.00	40.58 0.04 0.00	35.49 -0.21 0.00
CASSADAGA_WT_PWR 323784	27.74 -0.71 0.00	24.67 -0.63 0.00	24.79 -0.85 0.00	24.03 -0.77 0.00	24.00 -0.56 0.00	29.04 -0.53 0.00	35.58 -1.25 0.00	39.33 -1.60 0.00	40.53 -1.56 0.00	38.34 -1.47 0.00	36.37 -1.20 0.00	36.64 -1.29 0.00	34.43 -1.21 0.00	36.04 -1.04 0.00	37.56 -1.36 0.00	38.73 -1.24 0.00	41.78 -1.65 0.00	46.29 -1.58 0.00	51.45 -0.89 0.00	54.91 -0.50 0.00	54.25 -1.17 0.00	46.33 -1.39 0.00	38.88 -1.66 0.00	34.46 -1.25 0.00
CE_DUNWOOD___DRP 24194	30.59 2.13 0.00	27.17 1.87 0.00	27.61 1.97 0.00	26.69 1.88 0.00	26.36 1.79 0.00	31.52 1.95 0.00	38.89 2.06 0.00	43.51 2.58 0.00	44.82 2.74 0.00	42.56 2.75 0.00	40.24 2.67 0.00	40.62 2.69 0.00	38.17 2.53 0.00	39.75 2.67 0.00	41.84 2.92 0.00	43.09 3.12 0.00	46.77 3.34 0.00	51.17 3.30 0.00	55.64 3.30 0.00	58.85 3.44 0.00	58.96 3.55 0.00	50.67 2.96 0.00	43.18 2.64 0.00	37.89 2.18 0.00
CE_MILLWOOD___DRP 24193	30.47 2.02 0.00	27.07 1.77 0.00	27.51 1.87 0.00	26.59 1.79 0.00	26.28 1.72 0.00	31.43 1.86 0.00	38.75 1.92 0.00	43.34 2.41 0.00	44.65 2.57 0.00	42.40 2.59 0.00	40.09 2.52 0.00	40.47 2.54 0.00	38.03 2.39 0.00	39.60 2.52 0.00	41.68 2.76 0.00	42.93 2.96 0.00	46.60 3.17 0.00	51.02 3.16 0.00	55.43 3.09 0.00	58.68 3.27 0.00	58.79 3.38 0.00	50.53 2.81 0.00	43.06 2.51 0.00	37.74 2.04 0.00
CE_NYC2_DRP 24202	30.90 2.45 0.00	27.45 2.15 0.00	27.92 2.28 0.00	26.99 2.18 -0.01	26.63 2.06 0.00	31.76 2.19 0.00	39.04 2.21 0.00	43.75 2.82 0.00	45.15 3.07 0.00	42.96 3.15 0.00	40.61 3.04 0.00	41.04 3.11 0.00	38.56 2.92 0.00	40.16 3.08 0.00	42.31 3.39 0.00	43.57 3.60 0.00	47.25 3.82 0.00	51.55 3.69 0.00	55.90 3.56 0.00	59.13 3.71 0.00	59.24 3.82 0.00	50.86 3.15 0.00	43.42 2.88 0.00	38.06 2.36 0.00
CE_NYC_DRP 24195	30.84 2.39 0.00	27.37 2.07 0.00	27.84 2.20 0.00	26.91 2.11 0.00	26.55 1.99 0.00	31.76 2.19 0.00	39.15 2.32 0.00	43.84 2.91 0.00	45.15 3.07 0.00	42.92 3.11 0.00	40.58 3.01 0.00	41.00 3.07 0.00	38.53 2.89 0.00	40.12 3.04 0.00	42.27 3.35 0.00	43.53 3.56 0.00	47.21 3.78 0.00	51.60 3.73 0.00	56.01 3.66 0.00	59.24 3.82 0.00	59.40 3.99 0.00	51.00 3.29 0.00	43.46 2.92 0.00	38.17 2.46 0.00
CHAFFEE___LFGE 323603	27.57 -0.88 0.00	24.51 -0.78 0.00	24.64 -1.00 0.00	23.86 -0.94 0.00	23.78 -0.79 0.00	28.62 -0.95 0.00	34.88 -1.95 0.00	38.35 -2.58 0.00	39.35 -2.73 0.00	37.19 -2.63 0.00	35.16 -2.41 0.00	35.39 -2.54 0.00	33.29 -2.35 0.00	34.86 -2.22 0.00	36.31 -2.61 0.00	37.37 -2.60 0.00	40.30 -3.13 0.00	44.66 -3.21 0.00	49.62 -2.72 0.00	52.98 -2.44 0.00	52.31 -3.10 0.00	44.94 -2.77 0.00	37.99 -2.55 0.00	33.99 -1.71 0.00
CHATEAUG_35_KV_LOAD 355732	28.00 -0.46 0.00	24.84 -0.46 0.00	25.20 -0.44 0.00	24.41 -0.40 0.00	24.12 -0.44 0.00	29.22 -0.35 0.00	37.02 0.18 0.00	41.26 0.33 0.00	42.46 0.38 0.00	40.13 0.32 0.00	37.83 0.26 0.00	38.19 0.27 0.00	35.82 0.18 0.00	37.19 0.11 0.00	39.11 0.19 0.00	40.13 0.16 0.00	43.73 0.30 0.00	48.39 0.53 0.00	53.07 0.73 0.00	56.13 0.72 0.00	56.13 0.72 0.00	48.28 0.57 0.00	41.03 0.49 0.00	35.96 0.25 0.00
CHATEAUG_WT_PWR 323614	28.00 -0.46 0.00	24.84 -0.45 0.00	25.23 -0.41 0.00	24.40 -0.40 0.00	24.12 -0.44 0.00	29.22 -0.35 0.00	36.91 0.07 0.00	41.18 0.25 0.00	42.42 0.34 0.00	40.09 0.28 0.00	37.83 0.26 0.00	38.20 0.27 0.00	35.82 0.18 0.00	37.19 0.11 0.00	39.12 0.20 0.00	40.13 0.16 0.00	43.69 0.26 0.00	48.34 0.48 0.00	52.97 0.63 0.00	55.97 0.55 0.00	55.97 0.55 0.00	48.14 0.43 0.00	40.95 0.41 0.00	35.92 0.22 0.00
CHAT_HIGH_FALL_HYD 323578	28.00 -0.46 0.00	24.84 -0.46 0.00	25.20 -0.44 0.00	24.41 -0.40 0.00	24.12 -0.44 0.00	29.22 -0.35 0.00	37.02 0.18 0.00	41.26 0.33 0.00	42.46 0.38 0.00	40.13 0.32 0.00	37.83 0.26 0.00	38.19 0.27 0.00	35.82 0.18 0.00	37.19 0.11 0.00	39.11 0.19 0.00	40.13 0.16 0.00	43.73 0.30 0.00	48.39 0.53 0.00	53.07 0.73 0.00	56.13 0.72 0.00	56.13 0.72 0.00	48.28 0.57 0.00	41.03 0.49 0.00	35.96 0.25 0.00
CHAUTAUQUA___LFGE 323629	27.77 -0.68 0.00	24.69 -0.61 0.00	24.79 -0.85 0.00	24.01 -0.79 0.00	23.95 -0.61 0.00	28.89 -0.68 0.00	35.32 -1.51 0.00	38.92 -2.00 0.00	39.98 -2.10 0.00	37.82 -1.99 0.00	35.80 -1.77 0.00	36.07 -1.86 0.00	33.93 -1.71 0.00	35.49 -1.59 0.00	36.97 -1.94 0.00	38.09 -1.88 0.00	41.08 -2.35 0.00	45.57 -2.30 0.00	50.62 -1.73 0.00	54.08 -1.33 0.00	53.42 -1.99 0.00	45.71 -2.00 0.00	38.52 -2.03 0.00	34.31 -1.39 0.00
CHERRYST_13_KV_LD 356241	30.93 2.48 0.00	27.45 2.15 0.00	27.90 2.26 0.00	26.96 2.16 0.00	26.63 2.06 0.00	31.85 2.28 0.00	39.26 2.43 0.00	43.96 3.03 0.00	45.32 3.24 0.00	43.08 3.26 0.00	40.73 3.16 0.00	41.15 3.22 0.00	38.67 3.03 0.00	40.27 3.19 0.00	42.42 3.50 0.00	43.69 3.72 0.00	47.38 3.95 0.00	51.79 3.92 0.00	56.16 3.82 0.00	59.40 3.99 0.00	59.57 4.16 0.00	51.15 3.44 0.00	43.58 3.04 0.00	38.24 2.54 0.00

CHESTROR_138KV_BK263 355645	30.16 1.71 0.00	26.82 1.52 0.00	27.20 1.56 0.00	26.29 1.49 0.00	26.01 1.45 0.00	31.11 1.54 0.00	38.42 1.58 0.00	42.89 1.96 0.00	44.19 2.10 0.00	41.88 2.07 0.00	39.56 1.99 0.00	39.98 2.05 0.00	37.53 1.89 0.00	39.08 2.00 0.00	41.14 2.22 0.00	42.37 2.40 0.00	45.99 2.56 0.00	50.45 2.58 0.00	54.91 2.56 0.00	58.13 2.72 0.00	58.30 2.88 0.00	50.10 2.39 0.00	42.65 2.11 0.00	37.42 1.71 0.00
CH_MIDHUDSON___DRP 24192	30.36 1.91 0.00	26.99 1.69 0.00	27.38 1.74 0.00	26.49 1.69 0.00	26.19 1.62 0.00	31.29 1.72 0.00	38.64 1.80 0.00	43.18 2.25 0.00	44.48 2.40 0.00	42.16 2.35 0.00	39.82 2.25 0.00	40.20 2.28 0.00	37.78 2.14 0.00	39.34 2.26 0.00	41.37 2.45 0.00	42.65 2.68 0.00	46.34 2.91 0.00	50.78 2.92 0.00	55.22 2.88 0.00	58.52 3.10 0.00	58.68 3.27 0.00	50.43 2.72 0.00	42.89 2.35 0.00	37.64 1.93 0.00
CH_MISC_IPPS 23765	30.47 2.02 0.00	27.09 1.80 0.00	27.49 1.85 0.00	26.59 1.79 0.00	26.28 1.72 0.00	31.40 1.83 0.00	38.82 1.99 0.00	43.38 2.46 0.00	44.69 2.61 0.00	42.32 2.51 0.00	39.98 2.41 0.00	40.39 2.46 0.00	37.93 2.28 0.00	39.49 2.41 0.00	41.53 2.61 0.00	42.89 2.92 0.00	46.56 3.13 0.00	51.07 3.21 0.00	55.59 3.25 0.00	58.91 3.49 0.00	59.07 3.66 0.00	50.72 3.01 0.00	43.14 2.60 0.00	37.85 2.14 0.00
CH_RES_BVR_FALLS 23983	27.85 -0.60 0.00	24.77 -0.53 0.00	25.15 -0.49 0.00	24.33 -0.47 0.00	24.12 -0.44 0.00	29.10 -0.47 0.00	36.50 -0.33 0.00	40.69 -0.24 0.00	41.91 -0.17 0.00	39.70 -0.12 0.00	37.46 -0.11 0.00	37.82 -0.11 0.00	35.54 -0.11 0.00	36.93 -0.15 0.00	38.80 -0.12 0.00	39.85 -0.12 0.00	43.30 -0.13 0.00	47.77 -0.10 0.00	52.29 -0.05 0.00	55.30 -0.11 0.00	55.30 -0.11 0.00	47.57 -0.14 0.00	40.46 -0.08 0.00	35.53 -0.18 0.00
CH_RES_NIAGARA 23895	26.77 -1.68 0.00	23.88 -1.42 0.00	24.00 -1.64 0.00	23.24 -1.56 0.00	23.16 -1.40 0.00	27.71 -1.86 0.00	33.70 -3.13 0.00	36.80 -4.13 0.00	37.66 -4.42 0.00	35.51 -4.30 0.00	33.51 -4.06 0.00	33.87 -4.06 0.00	31.94 -3.71 0.00	33.41 -3.67 0.00	34.60 -4.32 0.00	35.73 -4.24 0.00	38.43 -4.99 0.00	42.60 -5.27 0.00	47.37 -4.97 0.00	50.43 -4.99 0.00	49.82 -5.60 0.00	42.94 -4.77 0.00	36.37 -4.18 0.00	32.85 -2.86 0.00
CH_RES_SYRACUSE 23985	28.48 0.03 0.00	25.32 0.03 0.00	25.59 -0.05 0.00	24.75 -0.05 0.00	24.56 0.00 0.00	29.57 0.00 0.00	36.58 -0.26 0.00	40.52 -0.41 0.00	41.53 -0.55 0.00	39.30 -0.52 0.00	37.16 -0.41 0.00	37.48 -0.45 0.00	35.22 -0.43 0.00	36.67 -0.41 0.00	38.49 -0.43 0.00	39.45 -0.52 0.00	42.86 -0.57 0.00	47.39 -0.48 0.00	51.92 -0.42 0.00	55.08 -0.33 0.00	54.91 -0.50 0.00	47.19 -0.52 0.00	39.97 -0.57 0.00	35.32 -0.39 0.00
CLINTON_WT_PWR 323605	28.00 -0.46 0.00	24.84 -0.45 0.00	25.23 -0.41 0.00	24.40 -0.40 0.00	24.12 -0.44 0.00	29.22 -0.35 0.00	36.91 0.07 0.00	41.18 0.25 0.00	42.42 0.34 0.00	40.09 0.28 0.00	37.83 0.26 0.00	38.20 0.27 0.00	35.82 0.18 0.00	37.19 0.11 0.00	39.12 0.20 0.00	40.13 0.16 0.00	43.69 0.26 0.00	48.34 0.48 0.00	52.97 0.63 0.00	55.97 0.55 0.00	55.97 0.55 0.00	48.14 0.43 0.00	40.95 0.41 0.00	35.92 0.22 0.00
CLINTON___LFGE 323618	28.37 -0.09 0.00	25.15 -0.15 0.00	25.51 -0.13 0.00	24.70 -0.10 0.00	24.39 -0.17 0.00	29.57 0.00 0.00	37.35 0.52 0.00	41.75 0.82 0.00	42.97 0.89 0.00	40.57 0.75 0.00	38.32 0.75 0.00	38.65 0.72 0.00	36.25 0.61 0.00	37.64 0.56 0.00	39.54 0.62 0.00	40.57 0.60 0.00	44.25 0.82 0.00	49.11 1.24 0.00	53.86 1.52 0.00	56.96 1.55 0.00	56.91 1.50 0.00	48.90 1.19 0.00	41.56 1.01 0.00	36.38 0.68 0.00
COBBLENY_34_KV_TB1 80064	27.57 -0.88 0.00	24.51 -0.78 0.00	24.64 -1.00 0.00	23.86 -0.94 0.00	23.78 -0.79 0.00	28.59 -0.98 0.00	34.88 -1.95 0.00	38.35 -2.58 0.00	39.35 -2.74 0.00	37.03 -2.79 0.00	35.02 -2.55 0.00	35.39 -2.54 0.00	33.29 -2.35 0.00	34.82 -2.26 0.00	36.12 -2.80 0.00	37.37 -2.60 0.00	40.30 -3.13 0.00	44.66 -3.21 0.00	49.62 -2.72 0.00	52.98 -2.44 0.00	52.37 -3.05 0.00	44.94 -2.77 0.00	37.99 -2.55 0.00	33.99 -1.71 0.00
COFFEEN___115KV_TB3 355620	28.23 -0.23 0.00	25.07 -0.23 0.00	25.36 -0.28 0.00	24.53 -0.27 0.00	24.39 -0.17 0.00	29.54 -0.03 0.00	36.83 0.00 0.00	40.68 -0.25 0.00	41.49 -0.59 0.00	39.10 -0.72 0.00	36.97 -0.60 0.00	37.25 -0.68 0.00	34.86 -0.78 0.00	36.23 -0.85 0.00	38.14 -0.78 0.00	39.29 -0.68 0.00	42.82 -0.61 0.00	47.72 -0.14 0.00	52.86 0.52 0.00	56.52 1.11 0.00	56.80 1.39 0.00	48.66 0.95 0.00	40.87 0.32 0.00	35.78 0.07 0.00
COLDSPRG_115KV_BK1 355956	28.17 -0.28 0.00	25.05 -0.25 0.00	25.15 -0.49 0.00	24.38 -0.42 0.00	24.32 -0.25 0.00	29.33 -0.24 0.00	35.95 -0.88 0.00	39.78 -1.15 0.00	40.95 -1.14 0.00	38.54 -1.27 0.00	36.48 -1.09 0.00	36.87 -1.06 0.00	34.64 -1.00 0.00	36.26 -0.82 0.00	37.64 -1.28 0.00	38.97 -1.00 0.00	42.04 -1.39 0.00	46.62 -1.24 0.00	51.77 -0.58 0.00	55.25 -0.17 0.00	54.64 -0.78 0.00	46.71 -1.00 0.00	39.33 -1.22 0.00	34.92 -0.79 0.00
COLONIE_LFGE___ 323577	29.68 1.22 0.00	26.39 1.09 0.00	26.77 1.13 0.00	25.89 1.09 0.00	25.62 1.06 0.00	30.72 1.15 0.00	38.12 1.29 0.00	42.36 1.43 0.00	43.55 1.47 0.00	41.13 1.31 0.00	38.77 1.20 0.00	39.18 1.25 0.00	36.89 1.25 0.00	38.34 1.26 0.00	40.20 1.28 0.00	41.33 1.36 0.00	44.99 1.56 0.00	49.40 1.53 0.00	53.80 1.46 0.00	56.96 1.55 0.00	57.02 1.61 0.00	49.14 1.43 0.00	41.96 1.42 0.00	36.85 1.14 0.00
COOPERNY_115KV_TB1 80082	29.73 1.28 0.00	26.44 1.14 0.00	26.79 1.15 0.00	25.92 1.12 0.00	25.64 1.08 0.00	30.72 1.15 0.00	37.97 1.14 0.00	42.36 1.43 0.00	43.60 1.51 0.00	41.33 1.51 0.00	39.04 1.47 0.00	39.41 1.48 0.00	37.03 1.39 0.00	38.56 1.48 0.00	40.52 1.60 0.00	41.73 1.76 0.00	45.30 1.87 0.00	49.78 1.91 0.00	54.23 1.88 0.00	57.41 1.99 0.00	57.52 2.11 0.00	49.48 1.77 0.00	42.04 1.50 0.00	36.96 1.25 0.00
COPENHAGEN_WT_PWR 323753	28.08 -0.37 0.00	24.94 -0.35 0.00	25.23 -0.41 0.00	24.43 -0.37 0.00	24.27 -0.29 0.00	29.37 -0.21 0.00	36.58 -0.26 0.00	40.44 -0.49 0.00	41.32 -0.76 0.00	39.02 -0.80 0.00	36.89 -0.68 0.00	37.17 -0.76 0.00	34.82 -0.82 0.00	36.19 -0.89 0.00	38.06 -0.86 0.00	39.17 -0.80 0.00	42.65 -0.78 0.00	47.43 -0.43 0.00	52.45 0.10 0.00	56.03 0.61 0.00	56.19 0.78 0.00	48.14 0.43 0.00	40.54 0.00 0.00	35.57 -0.14 0.00
CORNELL_____ 23752	29.14 0.68 0.00	25.91 0.61 0.00	26.15 0.51 0.00	25.30 0.50 0.00	25.13 0.56 0.00	30.25 0.68 0.00	37.46 0.63 0.00	41.54 0.61 0.00	42.46 0.38 0.00	40.01 0.20 0.00	37.76 0.19 0.00	38.04 0.11 0.00	35.71 0.07 0.00	37.23 0.15 0.00	39.00 0.08 0.00	40.13 0.16 0.00	43.73 0.30 0.00	48.53 0.67 0.00	53.39 1.05 0.00	56.86 1.44 0.00	56.63 1.22 0.00	48.62 0.91 0.00	41.03 0.49 0.00	36.21 0.50 0.00

CORONA_69_KV_TB1 355595	47.25 2.85 -15.95	46.13 2.48 -18.35	45.52 2.59 -17.29	44.95 2.48 -17.66	45.48 2.41 -18.51	45.54 2.66 -13.31	46.10 2.91 -6.36	47.22 3.52 -2.77	50.27 3.58 -4.61	52.32 3.54 -8.96	53.18 3.04 -12.57	55.70 3.07 -14.70	53.62 2.89 -15.09	62.40 3.00 -22.32	68.04 3.27 -25.85	76.39 3.48 -32.94	110.91 3.73 -63.75	71.57 3.78 -19.92	60.71 3.82 -4.54	59.53 4.10 -0.02	59.70 4.27 -0.02	56.90 3.53 -5.66	53.99 3.41 -10.04	48.71 2.96 -10.04
CORTLAND_115KV_TB3 80093	28.94 0.48 0.00	25.73 0.43 0.00	26.00 0.36 0.00	25.15 0.35 0.00	24.96 0.39 0.00	30.01 0.44 0.00	37.16 0.33 0.00	41.22 0.29 0.00	42.21 0.13 0.00	39.85 0.04 0.00	37.65 0.08 0.00	37.97 0.04 0.00	35.64 0.00 0.00	37.15 0.07 0.00	38.92 0.00 0.00	40.05 0.08 0.00	43.56 0.13 0.00	48.20 0.34 0.00	52.92 0.58 0.00	56.25 0.83 0.00	56.08 0.66 0.00	48.14 0.43 0.00	40.75 0.20 0.00	35.92 0.21 0.00
COXSACKIE___GT 23611	30.25 1.79 0.00	26.92 1.62 0.00	27.23 1.59 0.00	26.41 1.61 0.00	26.14 1.57 0.00	31.26 1.68 0.00	38.78 1.95 0.00	43.14 2.21 0.00	44.27 2.19 0.00	41.37 1.55 0.00	38.85 1.28 0.00	39.07 1.14 0.00	36.68 1.03 0.00	38.12 1.04 0.00	40.05 1.13 0.00	41.41 1.44 0.00	44.91 1.48 0.00	49.78 1.92 0.00	54.59 2.25 0.00	58.13 2.71 0.00	58.35 2.93 0.00	50.14 2.43 0.00	42.69 2.15 0.00	37.46 1.75 0.00
CPV_VALLEY___CC1 323721	29.96 1.51 0.00	26.64 1.34 0.00	27.05 1.41 0.00	26.14 1.34 0.00	25.87 1.30 0.00	30.93 1.36 0.00	38.23 1.40 0.00	42.65 1.72 0.00	43.93 1.85 0.00	41.65 1.83 0.00	39.34 1.77 0.00	39.75 1.82 0.00	37.35 1.71 0.00	38.90 1.82 0.00	40.86 1.95 0.00	42.13 2.16 0.00	45.73 2.30 0.00	50.16 2.30 0.00	54.59 2.25 0.00	57.80 2.38 0.00	57.91 2.50 0.00	49.81 2.10 0.00	42.37 1.83 0.00	37.21 1.50 0.00
CPV_VALLEY___CC2 323722	29.96 1.51 0.00	26.64 1.34 0.00	27.05 1.41 0.00	26.14 1.34 0.00	25.87 1.30 0.00	30.93 1.36 0.00	38.23 1.40 0.00	42.65 1.72 0.00	43.93 1.85 0.00	41.65 1.83 0.00	39.34 1.77 0.00	39.75 1.82 0.00	37.35 1.71 0.00	38.90 1.82 0.00	40.86 1.95 0.00	42.13 2.16 0.00	45.73 2.30 0.00	50.16 2.30 0.00	54.59 2.25 0.00	57.80 2.38 0.00	57.91 2.50 0.00	49.81 2.10 0.00	42.37 1.83 0.00	37.21 1.50 0.00
CRESCENT___HYD 24018	29.68 1.22 0.00	26.39 1.09 0.00	26.77 1.13 0.00	25.89 1.09 0.00	25.62 1.06 0.00	30.72 1.15 0.00	38.12 1.29 0.00	42.36 1.43 0.00	43.55 1.47 0.00	41.13 1.31 0.00	38.77 1.20 0.00	39.18 1.25 0.00	36.89 1.25 0.00	38.34 1.26 0.00	40.20 1.28 0.00	41.33 1.36 0.00	44.99 1.56 0.00	49.40 1.53 0.00	53.80 1.46 0.00	56.96 1.55 0.00	57.02 1.61 0.00	49.14 1.43 0.00	41.96 1.42 0.00	36.85 1.14 0.00
CRICKET___VALLEY_CC1 323756	30.16 1.71 0.00	26.82 1.52 0.00	27.23 1.59 0.00	26.34 1.54 0.00	26.04 1.47 0.00	31.08 1.51 0.00	38.34 1.51 0.00	42.81 1.88 0.00	44.10 2.02 0.00	41.80 1.99 0.00	39.49 1.92 0.00	39.90 1.97 0.00	37.49 1.85 0.00	39.04 1.96 0.00	41.06 2.14 0.00	42.33 2.36 0.00	45.95 2.52 0.00	50.30 2.44 0.00	54.70 2.36 0.00	57.85 2.44 0.00	58.02 2.61 0.00	49.91 2.20 0.00	42.49 1.95 0.00	37.28 1.57 0.00
CRICKET___VALLEY_CC2 323757	30.16 1.71 0.00	26.82 1.52 0.00	27.23 1.59 0.00	26.34 1.54 0.00	26.04 1.47 0.00	31.08 1.51 0.00	38.34 1.51 0.00	42.81 1.88 0.00	44.10 2.02 0.00	41.80 1.99 0.00	39.49 1.92 0.00	39.90 1.97 0.00	37.49 1.85 0.00	39.04 1.96 0.00	41.06 2.14 0.00	42.33 2.36 0.00	45.95 2.52 0.00	50.30 2.44 0.00	54.70 2.36 0.00	57.85 2.44 0.00	58.02 2.61 0.00	49.91 2.20 0.00	42.49 1.95 0.00	37.28 1.57 0.00
CRICKET___VALLEY_CC3 323758	30.16 1.71 0.00	26.82 1.52 0.00	27.23 1.59 0.00	26.34 1.54 0.00	26.04 1.47 0.00	31.08 1.51 0.00	38.34 1.51 0.00	42.81 1.88 0.00	44.10 2.02 0.00	41.80 1.99 0.00	39.49 1.92 0.00	39.90 1.97 0.00	37.49 1.85 0.00	39.04 1.96 0.00	41.06 2.14 0.00	42.33 2.36 0.00	45.95 2.52 0.00	50.30 2.44 0.00	54.70 2.36 0.00	57.85 2.44 0.00	58.02 2.61 0.00	49.91 2.20 0.00	42.49 1.95 0.00	37.28 1.57 0.00
CRUCIBLE_METL_DRP 24180	28.48 0.03 0.00	25.32 0.03 0.00	25.59 -0.05 0.00	24.75 -0.05 0.00	24.56 0.00 0.00	29.57 0.00 0.00	36.57 -0.26 0.00	40.52 -0.41 0.00	41.53 -0.55 0.00	39.26 -0.56 0.00	37.12 -0.45 0.00	37.47 -0.46 0.00	35.21 -0.43 0.00	36.67 -0.41 0.00	38.45 -0.47 0.00	39.45 -0.52 0.00	42.86 -0.56 0.00	47.39 -0.48 0.00	51.92 -0.42 0.00	55.08 -0.33 0.00	54.92 -0.50 0.00	47.19 -0.52 0.00	39.98 -0.57 0.00	35.31 -0.39 0.00
DAHOWA___HYDRO 323763	29.93 1.48 0.00	26.61 1.31 0.00	27.02 1.38 0.00	26.12 1.31 0.00	25.87 1.30 0.00	31.05 1.48 0.00	38.75 1.91 0.00	43.18 2.25 0.00	44.39 2.31 0.00	41.69 1.87 0.00	39.18 1.61 0.00	39.64 1.71 0.00	37.35 1.71 0.00	38.82 1.74 0.00	40.71 1.79 0.00	41.85 1.88 0.00	45.69 2.26 0.00	50.11 2.25 0.00	54.80 2.46 0.00	58.13 2.71 0.00	58.18 2.77 0.00	50.10 2.38 0.00	42.65 2.11 0.00	37.39 1.68 0.00
DANC___LFGE 323619	28.14 -0.31 0.00	25.00 -0.30 0.00	25.28 -0.36 0.00	24.46 -0.35 0.00	24.29 -0.27 0.00	29.30 -0.27 0.00	36.39 -0.44 0.00	40.27 -0.66 0.00	41.16 -0.93 0.00	38.94 -0.88 0.00	36.82 -0.75 0.00	37.13 -0.80 0.00	34.82 -0.82 0.00	36.23 -0.85 0.00	38.06 -0.86 0.00	39.05 -0.92 0.00	42.47 -0.96 0.00	47.15 -0.72 0.00	51.98 -0.36 0.00	55.36 -0.06 0.00	55.41 0.00 0.00	47.57 -0.14 0.00	40.18 -0.37 0.00	35.32 -0.39 0.00
DANSKAMMER___1 23586	30.47 2.02 0.00	27.09 1.80 0.00	27.49 1.85 0.00	26.59 1.79 0.00	26.28 1.72 0.00	31.40 1.83 0.00	38.82 1.99 0.00	43.38 2.46 0.00	44.69 2.61 0.00	42.32 2.51 0.00	39.98 2.41 0.00	40.39 2.46 0.00	37.93 2.28 0.00	39.49 2.41 0.00	41.53 2.61 0.00	42.89 2.92 0.00	46.56 3.13 0.00	51.07 3.21 0.00	55.59 3.25 0.00	58.91 3.49 0.00	59.07 3.66 0.00	50.72 3.01 0.00	43.14 2.60 0.00	37.85 2.14 0.00
DANSKAMMER___2 23589	30.47 2.02 0.00	27.09 1.80 0.00	27.49 1.85 0.00	26.59 1.79 0.00	26.28 1.72 0.00	31.40 1.83 0.00	38.82 1.99 0.00	43.38 2.46 0.00	44.69 2.61 0.00	42.32 2.51 0.00	39.98 2.41 0.00	40.39 2.46 0.00	37.93 2.28 0.00	39.49 2.41 0.00	41.53 2.61 0.00	42.89 2.92 0.00	46.56 3.13 0.00	51.07 3.21 0.00	55.59 3.25 0.00	58.91 3.49 0.00	59.07 3.66 0.00	50.72 3.01 0.00	43.14 2.60 0.00	37.85 2.14 0.00
DANSKAMMER___3 23590	30.47 2.02 0.00	27.09 1.80 0.00	27.49 1.85 0.00	26.59 1.79 0.00	26.28 1.72 0.00	31.40 1.83 0.00	38.82 1.99 0.00	43.38 2.46 0.00	44.69 2.61 0.00	42.32 2.51 0.00	39.98 2.41 0.00	40.39 2.46 0.00	37.93 2.28 0.00	39.49 2.41 0.00	41.53 2.61 0.00	42.89 2.92 0.00	46.56 3.13 0.00	51.07 3.21 0.00	55.59 3.25 0.00	58.91 3.49 0.00	59.07 3.66 0.00	50.72 3.01 0.00	43.14 2.60 0.00	37.85 2.14 0.00

DANSKAMMER___4 23591	30.47 2.02 0.00	27.09 1.80 0.00	27.49 1.85 0.00	26.59 1.79 0.00	26.28 1.72 0.00	31.40 1.83 0.00	38.82 1.99 0.00	43.38 2.46 0.00	44.69 2.61 0.00	42.32 2.51 0.00	39.98 2.41 0.00	40.39 2.46 0.00	37.93 2.28 0.00	39.49 2.41 0.00	41.53 2.61 0.00	42.89 2.92 0.00	46.56 3.13 0.00	51.07 3.21 0.00	55.59 3.25 0.00	58.91 3.49 0.00	59.07 3.66 0.00	50.72 3.01 0.00	43.14 2.60 0.00	37.85 2.14 0.00
DANSKAMMER___DIESEL 23592	30.47 2.02 0.00	27.09 1.80 0.00	27.49 1.85 0.00	26.59 1.79 0.00	26.28 1.72 0.00	31.43 1.86 0.00	38.78 1.95 0.00	43.39 2.46 0.00	44.69 2.61 0.00	42.36 2.55 0.00	40.01 2.44 0.00	40.39 2.47 0.00	37.92 2.28 0.00	39.49 2.41 0.00	41.57 2.65 0.00	42.89 2.92 0.00	46.56 3.13 0.00	51.07 3.21 0.00	55.59 3.25 0.00	58.85 3.44 0.00	59.07 3.66 0.00	50.72 3.01 0.00	43.18 2.64 0.00	37.85 2.14 0.00
DARBY___SOLAR 323810	30.05 1.59 0.00	26.69 1.39 0.00	27.10 1.46 0.00	26.22 1.41 0.00	25.96 1.40 0.00	31.20 1.63 0.00	39.04 2.21 0.00	43.51 2.58 0.00	44.69 2.61 0.00	41.84 2.03 0.00	39.34 1.77 0.00	39.71 1.78 0.00	37.42 1.78 0.00	38.86 1.78 0.00	40.79 1.87 0.00	42.01 2.04 0.00	45.90 2.47 0.00	50.49 2.63 0.00	55.38 3.03 0.00	58.85 3.44 0.00	58.91 3.49 0.00	50.62 2.91 0.00	42.97 2.43 0.00	37.63 1.93 0.00
DASHVILLE___HYD 23610	30.47 2.02 0.00	27.09 1.80 0.00	27.49 1.85 0.00	26.59 1.79 0.00	26.28 1.72 0.00	31.40 1.83 0.00	38.71 1.88 0.00	43.30 2.37 0.00	44.61 2.52 0.00	42.24 2.43 0.00	39.90 2.33 0.00	40.24 2.31 0.00	37.78 2.14 0.00	39.38 2.30 0.00	41.41 2.49 0.00	42.77 2.80 0.00	46.47 3.04 0.00	50.93 3.06 0.00	55.43 3.09 0.00	58.74 3.32 0.00	58.96 3.55 0.00	50.67 2.96 0.00	43.14 2.59 0.00	37.81 2.11 0.00
DELAWARE___LFGE 323621	29.48 1.02 0.00	26.23 0.94 0.00	26.56 0.92 0.00	25.70 0.89 0.00	25.47 0.91 0.00	30.61 1.03 0.00	37.86 1.03 0.00	42.12 1.19 0.00	43.30 1.22 0.00	40.97 1.15 0.00	38.66 1.09 0.00	39.07 1.14 0.00	36.68 1.03 0.00	38.19 1.11 0.00	40.09 1.17 0.00	41.25 1.28 0.00	44.82 1.39 0.00	49.35 1.48 0.00	53.91 1.57 0.00	57.19 1.77 0.00	57.19 1.77 0.00	49.24 1.53 0.00	41.72 1.18 0.00	36.71 1.00 0.00
DERFIELD_115KV_TB7 355931	28.57 0.11 0.00	25.40 0.10 0.00	25.77 0.13 0.00	24.93 0.12 0.00	24.69 0.12 0.00	29.69 0.12 0.00	36.83 0.00 0.00	40.93 0.00 0.00	42.08 0.00 0.00	39.81 0.00 0.00	37.61 0.04 0.00	37.97 0.04 0.00	35.68 0.04 0.00	37.12 0.04 0.00	38.96 0.04 0.00	40.01 0.04 0.00	43.47 0.04 0.00	47.91 0.05 0.00	52.34 0.00 0.00	55.47 0.06 0.00	55.47 0.06 0.00	47.76 0.05 0.00	40.54 0.00 0.00	35.74 0.04 0.00
DOGLEVILLE___HYD 23807	27.97 -0.48 0.00	24.89 -0.40 0.00	25.28 -0.36 0.00	24.48 -0.32 0.00	24.29 -0.27 0.00	29.27 -0.30 0.00	36.43 -0.41 0.00	40.52 -0.41 0.00	41.83 -0.25 0.00	39.62 -0.20 0.00	37.42 -0.15 0.00	37.89 -0.04 0.00	35.61 -0.04 0.00	37.04 -0.04 0.00	38.88 -0.04 0.00	39.93 -0.04 0.00	43.43 0.00 0.00	47.86 0.00 0.00	52.34 0.00 0.00	55.47 0.06 0.00	55.47 0.06 0.00	47.71 0.00 0.00	40.50 -0.04 0.00	35.64 -0.07 0.00
DUNKIRK___115KV_TB_200 55889	27.77 -0.68 0.00	24.69 -0.61 0.00	24.79 -0.85 0.00	24.01 -0.79 0.00	23.95 -0.61 0.00	28.83 -0.74 0.00	35.25 -1.58 0.00	38.88 -2.05 0.00	39.89 -2.19 0.00	37.62 -2.19 0.00	35.62 -1.95 0.00	35.99 -1.93 0.00	33.82 -1.82 0.00	35.41 -1.67 0.00	36.74 -2.18 0.00	38.01 -1.96 0.00	41.00 -2.43 0.00	45.47 -2.39 0.00	50.51 -1.83 0.00	53.92 -1.50 0.00	53.31 -2.11 0.00	45.66 -2.05 0.00	38.43 -2.11 0.00	34.32 -1.39 0.00
DUNKIRK___1 23563	27.77 -0.68 0.00	24.69 -0.61 0.00	24.79 -0.85 0.00	24.01 -0.79 0.00	23.95 -0.61 0.00	28.83 -0.74 0.00	35.25 -1.58 0.00	38.88 -2.05 0.00	39.89 -2.19 0.00	37.62 -2.19 0.00	35.62 -1.95 0.00	35.99 -1.93 0.00	33.82 -1.82 0.00	35.41 -1.67 0.00	36.74 -2.18 0.00	38.01 -1.96 0.00	41.00 -2.43 0.00	45.47 -2.39 0.00	50.51 -1.83 0.00	53.92 -1.50 0.00	53.31 -2.11 0.00	45.66 -2.05 0.00	38.43 -2.11 0.00	34.32 -1.39 0.00
DUNKIRK___2 23564	27.77 -0.68 0.00	24.69 -0.61 0.00	24.79 -0.85 0.00	24.01 -0.79 0.00	23.95 -0.61 0.00	28.83 -0.74 0.00	35.25 -1.58 0.00	38.88 -2.05 0.00	39.89 -2.19 0.00	37.62 -2.19 0.00	35.62 -1.95 0.00	35.99 -1.93 0.00	33.82 -1.82 0.00	35.41 -1.67 0.00	36.74 -2.18 0.00	38.01 -1.96 0.00	41.00 -2.43 0.00	45.47 -2.39 0.00	50.51 -1.83 0.00	53.92 -1.50 0.00	53.31 -2.11 0.00	45.66 -2.05 0.00	38.43 -2.11 0.00	34.32 -1.39 0.00
DUNKIRK___3 23565	27.68 -0.77 0.00	24.61 -0.68 0.00	24.72 -0.92 0.00	23.93 -0.87 0.00	23.88 -0.69 0.00	28.71 -0.86 0.00	35.06 -1.77 0.00	38.64 -2.29 0.00	39.64 -2.44 0.00	37.39 -2.43 0.00	35.35 -2.22 0.00	35.73 -2.20 0.00	33.61 -2.03 0.00	35.15 -1.93 0.00	36.47 -2.45 0.00	37.73 -2.24 0.00	40.69 -2.74 0.00	45.09 -2.78 0.00	50.09 -2.25 0.00	53.47 -1.94 0.00	52.87 -2.55 0.00	45.32 -2.39 0.00	38.23 -2.31 0.00	34.17 -1.54 0.00
DUNKIRK___4 23566	27.68 -0.77 0.00	24.61 -0.68 0.00	24.72 -0.92 0.00	23.93 -0.87 0.00	23.88 -0.69 0.00	28.71 -0.86 0.00	35.06 -1.77 0.00	38.64 -2.29 0.00	39.64 -2.44 0.00	37.39 -2.43 0.00	35.35 -2.22 0.00	35.73 -2.20 0.00	33.61 -2.03 0.00	35.15 -1.93 0.00	36.47 -2.45 0.00	37.73 -2.24 0.00	40.69 -2.74 0.00	45.09 -2.78 0.00	50.09 -2.25 0.00	53.47 -1.94 0.00	52.87 -2.55 0.00	45.32 -2.39 0.00	38.23 -2.31 0.00	34.17 -1.54 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	30.67 2.22 0.00	27.25 1.95 0.00	27.66 2.03 0.00	26.74 1.93 0.00	26.43 1.87 0.00	31.61 2.04 0.00	38.97 2.14 0.00	43.59 2.66 0.00	44.90 2.82 0.00	42.68 2.87 0.00	40.31 2.74 0.00	40.74 2.81 0.00	38.28 2.64 0.00	39.86 2.78 0.00	41.96 3.04 0.00	43.21 3.24 0.00	46.86 3.43 0.00	51.31 3.45 0.00	55.74 3.40 0.00	58.96 3.55 0.00	59.13 3.71 0.00	50.81 3.10 0.00	43.30 2.76 0.00	37.96 2.25 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	30.33 1.88 0.00	26.97 1.67 0.00	27.36 1.72 0.00	26.46 1.66 0.00	26.16 1.60 0.00	31.29 1.72 0.00	38.60 1.77 0.00	43.18 2.25 0.00	44.48 2.40 0.00	42.16 2.35 0.00	39.82 2.25 0.00	40.20 2.28 0.00	37.74 2.10 0.00	39.31 2.22 0.00	41.37 2.45 0.00	42.65 2.68 0.00	46.34 2.91 0.00	50.78 2.92 0.00	55.27 2.93 0.00	58.57 3.16 0.00	58.74 3.32 0.00	50.43 2.72 0.00	42.93 2.39 0.00	37.64 1.93 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	30.96 2.50 0.00	27.50 2.20 0.00	27.97 2.33 0.00	27.04 2.23 -0.01	26.68 2.11 0.00	31.64 2.07 0.00	38.86 2.03 0.00	43.59 2.66 0.00	44.94 2.86 0.00	42.76 2.95 0.00	40.46 2.89 0.00	40.89 2.96 0.00	38.42 2.78 0.00	40.01 2.93 0.00	42.11 3.19 0.00	43.41 3.44 0.00	47.08 3.65 0.00	51.36 3.49 0.00	55.69 3.35 0.00	58.91 3.49 0.00	59.02 3.60 0.00	50.67 2.96 0.00	43.22 2.68 0.00	37.96 2.25 0.00

E179THST_13_KV_LOAD 356214	31.07 2.62 0.00	27.60 2.30 0.00	28.08 2.44 0.00	27.12 2.31 -0.01	26.75 2.19 0.00	31.73 2.16 0.00	39.01 2.17 0.00	43.75 2.82 0.00	45.15 3.07 0.00	42.96 3.15 0.00	40.65 3.08 0.00	41.08 3.15 0.00	38.60 2.96 0.00	40.19 3.11 0.00	42.34 3.42 0.00	43.61 3.64 0.00	47.29 3.87 0.00	51.60 3.73 0.00	56.01 3.66 0.00	59.18 3.77 0.00	59.29 3.88 0.00	50.91 3.20 0.00	43.42 2.88 0.00	38.10 2.39 0.00
EAST HAMPTON___GT 23717	47.76 3.36 -15.95	46.56 2.91 -18.35	45.91 2.97 -17.29	45.34 2.88 -17.66	45.85 2.77 -18.51	46.01 3.13 -13.31	46.77 3.57 -6.36	48.08 4.38 -2.77	49.27 4.63 -2.56	49.25 4.46 -4.98	47.96 3.42 -6.97	49.69 3.61 -8.16	47.44 3.42 -8.38	53.28 3.82 -12.38	57.34 4.32 -14.10	62.97 4.71 -18.28	84.10 5.21 -35.46	173.73 5.41 -120.46	201.48 6.23 -142.92	207.51 6.54 -145.56	212.02 6.87 -149.74	151.08 5.82 -97.55	99.91 5.51 -53.86	46.29 4.93 -5.66
EAST RIVER___6 23660	30.84 2.39 0.00	27.37 2.07 0.00	27.84 2.21 0.00	26.91 2.11 0.00	26.55 1.99 0.00	31.76 2.19 0.00	39.19 2.36 0.00	43.84 2.91 0.00	45.15 3.07 0.00	42.84 3.02 0.00	40.54 2.97 0.00	41.00 3.07 0.00	38.53 2.89 0.00	40.12 3.04 0.00	42.19 3.27 0.00	43.53 3.56 0.00	47.20 3.78 0.00	51.60 3.74 0.00	55.95 3.61 0.00	59.24 3.82 0.00	59.46 4.04 0.00	51.05 3.34 0.00	43.50 2.96 0.00	38.17 2.46 0.00
EAST RIVER___7 23524	30.84 2.39 0.00	27.37 2.07 0.00	27.84 2.21 0.00	26.91 2.11 0.00	26.55 1.99 0.00	31.76 2.19 0.00	39.19 2.36 0.00	43.84 2.91 0.00	45.15 3.07 0.00	42.84 3.02 0.00	40.54 2.97 0.00	41.00 3.07 0.00	38.53 2.89 0.00	40.12 3.04 0.00	42.19 3.27 0.00	43.53 3.56 0.00	47.20 3.78 0.00	51.60 3.74 0.00	55.95 3.61 0.00	59.24 3.82 0.00	59.46 4.04 0.00	51.05 3.34 0.00	43.50 2.96 0.00	38.17 2.46 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	30.59 2.13 0.00	27.17 1.87 0.00	27.61 1.97 0.00	26.69 1.88 0.00	26.36 1.79 0.00	31.52 1.95 0.00	38.89 2.06 0.00	43.51 2.58 0.00	44.82 2.74 0.00	42.56 2.75 0.00	40.24 2.67 0.00	40.62 2.69 0.00	38.17 2.53 0.00	39.75 2.67 0.00	41.84 2.92 0.00	43.09 3.12 0.00	46.77 3.34 0.00	51.17 3.30 0.00	55.64 3.30 0.00	58.85 3.44 0.00	58.96 3.55 0.00	50.67 2.96 0.00	43.18 2.64 0.00	37.89 2.18 0.00
EAST_HAMPTON___DIESEL 23722	47.70 3.30 -15.95	46.51 2.86 -18.35	45.86 2.92 -17.29	45.29 2.83 -17.66	45.80 2.73 -18.51	45.95 3.08 -13.31	46.70 3.50 -6.36	48.00 4.30 -2.77	49.19 4.55 -2.56	49.17 4.38 -4.98	47.89 3.34 -6.97	49.62 3.53 -8.16	47.37 3.35 -8.38	53.24 3.78 -12.38	57.27 4.24 -14.10	62.93 4.67 -18.28	84.06 5.17 -35.46	173.68 5.36 -120.46	201.43 6.17 -142.91	207.51 6.54 -145.56	212.02 6.87 -149.74	151.08 5.82 -97.55	99.91 5.51 -53.85	46.29 4.93 -5.66
EAST_POINT___SOLAR 323840	30.59 2.14 0.00	27.17 1.87 0.00	27.56 1.92 0.00	26.66 1.86 0.00	26.43 1.87 0.00	31.88 2.31 0.00	39.41 2.58 0.00	43.59 2.66 0.00	44.61 2.52 0.00	41.69 1.87 0.00	39.22 1.63 0.00	39.56 1.65 0.00	37.21 1.57 0.00	38.75 1.67 0.00	40.67 1.75 0.00	41.89 1.92 0.00	45.77 2.34 0.00	50.88 3.02 0.00	56.16 3.82 0.00	60.18 4.77 0.00	60.29 4.88 0.00	51.81 4.10 0.00	43.83 3.28 0.00	38.35 2.64 0.00
EAST_PULASKI___ESR 323781	28.17 -0.28 0.00	25.05 -0.25 0.00	25.33 -0.31 0.00	24.53 -0.27 0.00	24.34 -0.22 0.00	29.30 -0.27 0.00	36.24 -0.59 0.00	40.11 -0.82 0.00	41.07 -1.01 0.00	38.86 -0.96 0.00	36.78 -0.79 0.00	37.09 -0.83 0.00	34.82 -0.82 0.00	36.23 -0.85 0.00	38.03 -0.89 0.00	38.97 -1.00 0.00	42.34 -1.08 0.00	46.86 -1.01 0.00	51.50 -0.84 0.00	54.81 -0.61 0.00	54.75 -0.66 0.00	47.00 -0.71 0.00	39.81 -0.73 0.00	35.10 -0.61 0.00
EAST_RIVER___1 323558	30.81 2.36 0.00	27.37 2.07 0.00	27.84 2.21 0.00	26.91 2.11 0.00	26.55 1.99 0.00	31.76 2.19 0.00	39.19 2.36 0.00	43.84 2.91 0.00	45.15 3.07 0.00	42.88 3.07 0.00	40.54 2.97 0.00	41.00 3.07 0.00	38.53 2.89 0.00	40.12 3.04 0.00	42.19 3.27 0.00	43.53 3.56 0.00	47.20 3.78 0.00	51.60 3.74 0.00	56.00 3.66 0.00	59.24 3.82 0.00	59.41 3.99 0.00	51.05 3.34 0.00	43.46 2.92 0.00	38.17 2.46 0.00
EAST_RIVER___2 323559	30.84 2.39 0.00	27.37 2.07 0.00	27.84 2.21 0.00	26.91 2.11 0.00	26.55 1.99 0.00	31.76 2.19 0.00	39.19 2.36 0.00	43.84 2.91 0.00	45.15 3.07 0.00	42.84 3.02 0.00	40.54 2.97 0.00	41.00 3.07 0.00	38.53 2.89 0.00	40.12 3.04 0.00	42.19 3.27 0.00	43.53 3.56 0.00	47.20 3.78 0.00	51.60 3.74 0.00	55.95 3.61 0.00	59.24 3.82 0.00	59.46 4.04 0.00	51.05 3.34 0.00	43.50 2.96 0.00	38.17 2.46 0.00
EAST___DELAWARE_HYD 23607	30.59 2.14 0.00	27.20 1.90 0.00	27.54 1.90 0.00	26.69 1.88 0.00	26.38 1.82 0.00	31.55 1.98 0.00	39.00 2.17 0.00	43.63 2.70 0.00	44.94 2.86 0.00	42.40 2.59 0.00	40.05 2.48 0.00	40.39 2.46 0.00	37.89 2.25 0.00	39.49 2.41 0.00	41.53 2.61 0.00	42.93 2.96 0.00	46.69 3.26 0.00	51.31 3.45 0.00	55.95 3.61 0.00	59.41 3.99 0.00	59.62 4.21 0.00	51.15 3.44 0.00	43.46 2.92 0.00	38.14 2.43 0.00
EIGHT_POINT___WT_PWR 323820	28.34 -0.11 0.00	25.22 -0.08 0.00	25.36 -0.28 0.00	24.58 -0.22 0.00	24.49 -0.07 0.00	29.54 -0.03 0.00	36.39 -0.44 0.00	40.19 -0.74 0.00	40.82 -1.26 0.00	38.50 -1.31 0.00	36.25 -1.32 0.00	36.49 -1.44 0.00	34.32 -1.32 0.00	35.89 -1.19 0.00	37.44 -1.48 0.00	38.61 -1.36 0.00	41.82 -1.61 0.00	46.57 -1.29 0.00	51.66 -0.68 0.00	55.25 -0.17 0.00	54.75 -0.66 0.00	46.90 -0.81 0.00	39.57 -0.97 0.00	35.28 -0.43 0.00
ELBRIDGE_115KV_TB2 80188	28.23 -0.23 0.00	25.12 -0.18 0.00	25.41 -0.23 0.00	24.58 -0.22 0.00	24.39 -0.17 0.00	29.33 -0.24 0.00	36.24 -0.59 0.00	40.15 -0.78 0.00	41.16 -0.93 0.00	38.90 -0.92 0.00	36.74 -0.83 0.00	37.09 -0.83 0.00	34.86 -0.78 0.00	36.30 -0.78 0.00	38.06 -0.86 0.00	39.05 -0.92 0.00	42.39 -1.04 0.00	46.86 -1.01 0.00	51.35 -0.99 0.00	54.53 -0.89 0.00	54.36 -1.05 0.00	46.76 -0.95 0.00	39.61 -0.93 0.00	35.03 -0.68 0.00
ELEC_TRO_TEK 24086	47.11 2.70 -15.95	46.03 2.38 -18.35	45.42 2.49 -17.29	44.85 2.38 -17.66	45.38 2.31 -18.51	45.42 2.54 -13.31	45.96 2.76 -6.36	47.06 3.36 -2.77	50.09 3.45 -4.56	52.06 3.38 -8.86	52.84 2.86 -12.42	55.37 2.92 -14.52	53.26 2.71 -14.91	61.98 2.86 -22.05	67.36 3.07 -25.37	75.80 3.28 -32.55	109.93 3.52 -62.98	71.04 3.49 -19.68	60.39 3.56 -4.49	59.20 3.77 -0.02	59.36 3.93 -0.02	56.54 3.24 -5.59	53.67 3.20 -9.92	48.41 2.79 -9.92
ELLENBURG_WT_PWR 323604	28.00 -0.46 0.00	24.84 -0.45 0.00	25.23 -0.41 0.00	24.40 -0.40 0.00	24.12 -0.44 0.00	29.22 -0.35 0.00	36.91 0.07 0.00	41.18 0.25 0.00	42.42 0.34 0.00	40.09 0.28 0.00	37.83 0.26 0.00	38.20 0.27 0.00	35.82 0.18 0.00	37.19 0.11 0.00	39.12 0.20 0.00	40.13 0.16 0.00	43.69 0.26 0.00	48.34 0.48 0.00	52.97 0.63 0.00	55.97 0.55 0.00	55.97 0.55 0.00	48.14 0.43 0.00	40.95 0.41 0.00	35.92 0.22 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	27.37 -1.08 0.00	24.36 -0.94 0.00	24.46 -1.18 0.00	23.69 -1.12 0.00	23.61 -0.96 0.00	28.36 -1.21 0.00	34.59 -2.25 0.00	37.94 -2.99 0.00	38.88 -3.20 0.00	36.67 -3.15 0.00	34.64 -2.93 0.00	35.01 -2.92 0.00	32.97 -2.67 0.00	34.48 -2.60 0.00	35.77 -3.15 0.00	36.97 -3.00 0.00	39.82 -3.60 0.00	44.13 -3.73 0.00	49.04 -3.30 0.00	52.26 -3.16 0.00	51.65 -3.77 0.00	44.37 -3.34 0.00	37.54 -3.00 0.00	33.71 -2.00 0.00
EMPIRE_CC_1 323656	29.42 0.97 0.00	26.21 0.91 0.00	26.59 0.95 0.00	25.72 0.92 0.00	25.45 0.88 0.00	30.40 0.83 0.00	37.64 0.81 0.00	41.71 0.78 0.00	42.88 0.80 0.00	40.57 0.75 0.00	38.25 0.68 0.00	38.65 0.72 0.00	36.39 0.75 0.00	37.82 0.74 0.00	39.66 0.74 0.00	40.77 0.80 0.00	44.34 0.91 0.00	48.63 0.76 0.00	52.92 0.58 0.00	55.91 0.50 0.00	56.03 0.61 0.00	48.29 0.57 0.00	41.35 0.81 0.00	36.31 0.61 0.00
EMPIRE_CC_2 323658	29.42 0.97 0.00	26.21 0.91 0.00	26.59 0.95 0.00	25.72 0.92 0.00	25.45 0.88 0.00	30.40 0.83 0.00	37.64 0.81 0.00	41.71 0.78 0.00	42.88 0.80 0.00	40.57 0.75 0.00	38.25 0.68 0.00	38.65 0.72 0.00	36.39 0.75 0.00	37.82 0.74 0.00	39.66 0.74 0.00	40.77 0.80 0.00	44.34 0.91 0.00	48.63 0.76 0.00	52.92 0.58 0.00	55.91 0.50 0.00	56.03 0.61 0.00	48.29 0.57 0.00	41.35 0.81 0.00	36.31 0.61 0.00
ENORWICH_115KV_TB1 80156	30.25 1.79 0.00	26.97 1.67 0.00	27.23 1.59 0.00	26.34 1.54 0.00	26.21 1.65 0.00	31.70 2.13 0.00	39.30 2.47 0.00	43.47 2.54 0.00	44.44 2.36 0.00	41.69 1.87 0.00	39.34 1.77 0.00	39.75 1.82 0.00	37.17 1.53 0.00	38.67 1.59 0.00	40.59 1.67 0.00	41.89 1.92 0.00	45.69 2.26 0.00	50.98 3.11 0.00	56.42 4.08 0.00	60.24 4.82 0.00	60.18 4.77 0.00	51.48 3.77 0.00	43.10 2.55 0.00	37.85 2.14 0.00
ERIE_ST__34_KV_TB1-2 80199	27.60 -0.85 0.00	24.54 -0.76 0.00	24.64 -1.00 0.00	23.86 -0.94 0.00	23.78 -0.79 0.00	28.59 -0.98 0.00	34.92 -1.92 0.00	38.43 -2.50 0.00	39.43 -2.65 0.00	37.15 -2.67 0.00	35.13 -2.44 0.00	35.50 -2.43 0.00	33.40 -2.25 0.00	34.97 -2.11 0.00	36.27 -2.65 0.00	37.49 -2.48 0.00	40.43 -3.00 0.00	44.80 -3.06 0.00	49.78 -2.56 0.00	53.14 -2.27 0.00	52.53 -2.88 0.00	45.04 -2.67 0.00	38.03 -2.51 0.00	34.07 -1.64 0.00
ERIE_WT_PWR 323693	27.51 -0.94 0.00	24.46 -0.83 0.00	24.59 -1.05 0.00	23.81 -0.99 0.00	23.73 -0.84 0.00	28.57 -1.01 0.00	34.81 -2.03 0.00	38.19 -2.74 0.00	39.18 -2.90 0.00	37.03 -2.79 0.00	35.01 -2.56 0.00	35.24 -2.69 0.00	33.18 -2.46 0.00	34.71 -2.37 0.00	36.16 -2.76 0.00	37.21 -2.76 0.00	40.13 -3.30 0.00	44.47 -3.40 0.00	49.41 -2.93 0.00	52.70 -2.71 0.00	52.09 -3.32 0.00	44.75 -2.96 0.00	37.83 -2.72 0.00	33.92 -1.78 0.00
ESPRGFLD_115KV_TB1 80157	29.99 1.54 0.00	26.66 1.37 0.00	27.00 1.36 0.00	26.12 1.31 0.00	25.92 1.35 0.00	31.23 1.66 0.00	38.67 1.84 0.00	43.02 2.09 0.00	44.14 2.06 0.00	41.57 1.75 0.00	39.19 1.62 0.00	39.56 1.63 0.00	37.14 1.50 0.00	38.64 1.56 0.00	40.55 1.63 0.00	41.73 1.76 0.00	45.43 2.00 0.00	50.35 2.49 0.00	55.32 2.98 0.00	58.85 3.44 0.00	58.91 3.49 0.00	50.62 2.91 0.00	42.73 2.19 0.00	37.53 1.82 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	29.08 0.63 0.00	25.88 0.58 0.00	26.13 0.49 0.00	25.27 0.47 0.00	25.10 0.54 0.00	30.19 0.62 0.00	37.38 0.55 0.00	41.46 0.53 0.00	42.42 0.34 0.00	39.97 0.16 0.00	37.68 0.11 0.00	38.00 0.08 0.00	35.68 0.04 0.00	37.19 0.11 0.00	38.96 0.04 0.00	40.09 0.12 0.00	43.65 0.22 0.00	48.44 0.57 0.00	53.28 0.94 0.00	56.69 1.27 0.00	56.47 1.05 0.00	48.52 0.81 0.00	40.95 0.41 0.00	36.14 0.43 0.00
ETNA____115KV_TB2 80207	29.08 0.63 0.00	25.88 0.58 0.00	26.13 0.49 0.00	25.27 0.47 0.00	25.10 0.54 0.00	30.19 0.62 0.00	37.38 0.55 0.00	41.46 0.53 0.00	42.42 0.34 0.00	39.97 0.16 0.00	37.68 0.11 0.00	38.00 0.08 0.00	35.68 0.04 0.00	37.19 0.11 0.00	38.96 0.04 0.00	40.09 0.12 0.00	43.65 0.22 0.00	48.44 0.57 0.00	53.28 0.94 0.00	56.69 1.27 0.00	56.47 1.05 0.00	48.52 0.81 0.00	40.95 0.41 0.00	36.14 0.43 0.00
EUCLID___115KV_TB2 356179	28.34 -0.11 0.00	25.20 -0.10 0.00	25.49 -0.15 0.00	24.65 -0.15 0.00	24.47 -0.10 0.00	29.42 -0.15 0.00	36.35 -0.48 0.00	40.32 -0.61 0.00	41.32 -0.76 0.00	39.10 -0.72 0.00	36.93 -0.64 0.00	37.28 -0.64 0.00	35.04 -0.61 0.00	36.52 -0.56 0.00	38.26 -0.66 0.00	39.29 -0.68 0.00	42.65 -0.78 0.00	47.10 -0.77 0.00	51.61 -0.73 0.00	54.75 -0.66 0.00	54.58 -0.83 0.00	46.95 -0.76 0.00	39.77 -0.77 0.00	35.14 -0.57 0.00
E_CANADA_CAP_HY 24051	30.30 1.85 0.00	26.92 1.62 0.00	27.30 1.67 0.00	26.41 1.61 0.00	26.18 1.62 0.00	31.55 1.98 0.00	39.04 2.21 0.00	43.38 2.46 0.00	44.48 2.40 0.00	41.73 1.91 0.00	39.26 1.69 0.00	39.60 1.67 0.00	37.21 1.57 0.00	38.71 1.63 0.00	40.63 1.71 0.00	41.81 1.84 0.00	45.60 2.17 0.00	50.69 2.82 0.00	55.80 3.45 0.00	59.46 4.04 0.00	59.52 4.10 0.00	51.19 3.48 0.00	43.34 2.80 0.00	37.96 2.25 0.00
E_CANADA_MHWK_HY 24050	27.97 -0.48 0.00	24.89 -0.41 0.00	25.28 -0.36 0.00	24.48 -0.32 0.00	24.29 -0.27 0.00	29.28 -0.30 0.00	36.43 -0.40 0.00	40.52 -0.41 0.00	41.83 -0.25 0.00	39.62 -0.20 0.00	37.42 -0.15 0.00	37.89 -0.04 0.00	35.61 -0.04 0.00	37.04 -0.04 0.00	38.88 -0.04 0.00	39.93 -0.04 0.00	43.43 0.00 0.00	47.86 0.00 0.00	52.34 0.00 0.00	55.47 0.06 0.00	55.47 0.06 0.00	47.71 0.00 0.00	40.50 -0.04 0.00	35.64 -0.07 0.00
E_FISHKILL___LBMP 23776	30.30 1.85 0.00	26.94 1.64 0.00	27.36 1.72 0.00	26.44 1.64 0.00	26.14 1.57 0.00	31.26 1.69 0.00	38.56 1.73 0.00	43.10 2.17 0.00	44.40 2.31 0.00	42.12 2.31 0.00	39.79 2.22 0.00	40.20 2.28 0.00	37.74 2.10 0.00	39.31 2.22 0.00	41.37 2.45 0.00	42.61 2.64 0.00	46.25 2.82 0.00	50.64 2.78 0.00	55.06 2.72 0.00	58.24 2.83 0.00	58.41 2.99 0.00	50.19 2.48 0.00	42.77 2.23 0.00	37.53 1.82 0.00
FALCON___SEABRD_CC1 323796	28.26 -0.20 0.00	25.07 -0.23 0.00	25.43 -0.21 0.00	24.63 -0.17 0.00	24.32 -0.25 0.00	29.48 -0.09 0.00	37.24 0.41 0.00	41.58 0.65 0.00	42.84 0.76 0.00	40.49 0.68 0.00	38.21 0.64 0.00	38.53 0.60 0.00	36.14 0.50 0.00	37.53 0.45 0.00	39.46 0.54 0.00	40.49 0.52 0.00	44.12 0.69 0.00	48.87 1.01 0.00	53.60 1.25 0.00	56.63 1.22 0.00	56.58 1.17 0.00	48.66 0.95 0.00	41.40 0.85 0.00	36.24 0.54 0.00
FALCON___SEABRD_CC2 323797	28.26 -0.20 0.00	25.07 -0.23 0.00	25.43 -0.21 0.00	24.63 -0.17 0.00	24.32 -0.25 0.00	29.48 -0.09 0.00	37.24 0.41 0.00	41.58 0.65 0.00	42.84 0.76 0.00	40.49 0.68 0.00	38.21 0.64 0.00	38.53 0.60 0.00	36.14 0.50 0.00	37.53 0.45 0.00	39.46 0.54 0.00	40.49 0.52 0.00	44.12 0.69 0.00	48.87 1.01 0.00	53.60 1.25 0.00	56.63 1.22 0.00	56.58 1.17 0.00	48.66 0.95 0.00	41.40 0.85 0.00	36.24 0.54 0.00

FAR ROCKAWAY___4 23548	47.59 3.19 -15.95	46.41 2.76 -18.35	45.78 2.85 -17.29	45.19 2.73 -17.66	45.72 2.65 -18.51	45.83 2.96 -13.31	46.51 3.31 -6.36	47.71 4.01 -2.77	50.37 4.12 -4.17	51.93 4.02 -8.10	52.49 3.57 -11.35	54.81 3.60 -13.28	52.62 3.35 -13.63	60.77 3.52 -20.16	66.12 3.81 -23.38	73.77 4.04 -29.76	105.40 4.39 -57.59	70.31 4.45 -18.00	61.00 4.55 -4.10	60.31 4.88 -0.01	60.47 5.04 -0.01	56.97 4.15 -5.11	53.55 3.93 -9.07	48.17 3.39 -9.07
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	30.84 2.39 0.00	27.37 2.07 0.00	27.84 2.20 0.00	26.91 2.11 0.00	26.55 1.99 0.00	31.76 2.19 0.00	39.15 2.32 0.00	43.84 2.91 0.00	45.15 3.07 0.00	42.92 3.11 0.00	40.61 3.04 0.00	41.00 3.07 0.00	38.53 2.89 0.00	40.12 3.04 0.00	42.27 3.35 0.00	43.53 3.56 0.00	47.21 3.78 0.00	51.60 3.73 0.00	56.01 3.66 0.00	59.24 3.82 0.00	59.40 3.99 0.00	51.00 3.29 0.00	43.46 2.92 0.00	38.17 2.46 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	30.84 2.39 0.00	27.37 2.07 0.00	27.84 2.20 0.00	26.91 2.11 0.00	26.55 1.99 0.00	31.76 2.19 0.00	39.15 2.32 0.00	43.84 2.91 0.00	45.15 3.07 0.00	42.92 3.11 0.00	40.58 3.01 0.00	41.00 3.07 0.00	38.53 2.89 0.00	40.12 3.04 0.00	42.27 3.35 0.00	43.53 3.56 0.00	47.21 3.78 0.00	51.60 3.73 0.00	56.01 3.66 0.00	59.24 3.82 0.00	59.40 3.99 0.00	51.00 3.29 0.00	43.46 2.92 0.00	38.17 2.46 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	30.81 2.36 0.00	27.37 2.07 0.00	27.82 2.18 0.00	26.89 2.08 0.00	26.55 1.99 0.00	31.76 2.19 0.00	39.12 2.28 0.00	43.84 2.91 0.00	45.15 3.07 0.00	42.92 3.11 0.00	40.58 3.01 0.00	41.00 3.07 0.00	38.53 2.89 0.00	40.12 3.04 0.00	42.23 3.31 0.00	43.49 3.52 0.00	47.16 3.73 0.00	51.55 3.69 0.00	55.95 3.61 0.00	59.18 3.77 0.00	59.35 3.93 0.00	51.00 3.29 0.00	43.46 2.92 0.00	38.14 2.43 0.00
FARRAGUT___LBMP 323566	30.81 2.36 0.00	27.35 2.05 0.00	27.79 2.15 0.00	26.86 2.06 0.00	26.53 1.97 0.00	31.73 2.16 0.00	39.08 2.25 0.00	43.79 2.87 0.00	45.11 3.03 0.00	42.88 3.07 0.00	40.54 2.97 0.00	40.96 3.03 0.00	38.49 2.85 0.00	40.08 3.00 0.00	42.19 3.27 0.00	43.45 3.48 0.00	47.12 3.69 0.00	51.50 3.64 0.00	55.90 3.56 0.00	59.13 3.71 0.00	59.29 3.88 0.00	50.95 3.24 0.00	43.42 2.88 0.00	38.10 2.39 0.00
FENNER___WINDPWR 24204	28.99 0.54 0.00	25.78 0.48 0.00	26.07 0.44 0.00	25.22 0.42 0.00	25.03 0.47 0.00	30.16 0.59 0.00	37.42 0.59 0.00	41.50 0.57 0.00	42.59 0.51 0.00	40.21 0.40 0.00	37.98 0.41 0.00	38.31 0.38 0.00	35.96 0.32 0.00	37.41 0.33 0.00	39.27 0.35 0.00	40.37 0.40 0.00	43.91 0.48 0.00	48.58 0.72 0.00	53.33 0.99 0.00	56.69 1.28 0.00	56.63 1.22 0.00	48.66 0.95 0.00	41.11 0.57 0.00	36.21 0.50 0.00
FIBERTEK___ENERGY 23856	28.48 0.03 0.00	25.32 0.03 0.00	25.59 -0.05 0.00	24.75 -0.05 0.00	24.56 0.00 0.00	29.57 0.00 0.00	36.57 -0.26 0.00	40.52 -0.41 0.00	41.53 -0.55 0.00	39.26 -0.56 0.00	37.12 -0.45 0.00	37.47 -0.46 0.00	35.21 -0.43 0.00	36.67 -0.41 0.00	38.45 -0.47 0.00	39.45 -0.52 0.00	42.86 -0.56 0.00	47.39 -0.48 0.00	51.92 -0.42 0.00	55.08 -0.33 0.00	54.92 -0.50 0.00	47.19 -0.52 0.00	39.98 -0.57 0.00	35.31 -0.39 0.00
FITZPATRICK___ 23598	27.77 -0.68 0.00	24.69 -0.61 0.00	25.00 -0.64 0.00	24.18 -0.62 0.00	24.00 -0.56 0.00	28.86 -0.71 0.00	35.69 -1.14 0.00	39.50 -1.43 0.00	40.57 -1.51 0.00	38.38 -1.43 0.00	36.25 -1.32 0.00	36.57 -1.36 0.00	34.39 -1.25 0.00	35.78 -1.30 0.00	37.56 -1.36 0.00	38.45 -1.52 0.00	41.73 -1.69 0.00	46.09 -1.77 0.00	50.46 -1.88 0.00	53.53 -1.88 0.00	53.42 -1.99 0.00	45.95 -1.76 0.00	39.00 -1.54 0.00	34.49 -1.21 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	30.53 2.08 0.00	27.12 1.82 0.00	27.51 1.87 0.00	26.61 1.81 0.00	26.31 1.74 0.00	31.46 1.89 0.00	38.82 1.99 0.00	43.43 2.50 0.00	44.77 2.69 0.00	42.40 2.59 0.00	40.05 2.48 0.00	40.43 2.50 0.00	37.96 2.32 0.00	39.56 2.48 0.00	41.61 2.69 0.00	42.93 2.96 0.00	46.64 3.21 0.00	51.12 3.25 0.00	55.64 3.30 0.00	58.96 3.55 0.00	59.18 3.77 0.00	50.81 3.10 0.00	43.22 2.68 0.00	37.89 2.18 0.00
FORT ORANGE___ 23900	29.42 0.97 0.00	26.18 0.88 0.00	26.56 0.92 0.00	25.69 0.89 0.00	25.42 0.86 0.00	30.43 0.86 0.00	37.68 0.85 0.00	41.67 0.74 0.00	42.84 0.76 0.00	40.45 0.64 0.00	38.13 0.56 0.00	38.46 0.53 0.00	36.21 0.57 0.00	37.67 0.59 0.00	39.54 0.62 0.00	40.69 0.72 0.00	44.25 0.82 0.00	48.68 0.81 0.00	53.07 0.73 0.00	56.19 0.78 0.00	56.30 0.88 0.00	48.47 0.76 0.00	41.40 0.85 0.00	36.38 0.68 0.00
FORT_DRUM_COGEN 23780	28.03 -0.43 0.00	24.89 -0.40 0.00	25.18 -0.46 0.00	24.38 -0.42 0.00	24.22 -0.34 0.00	29.33 -0.24 0.00	36.61 -0.22 0.00	40.48 -0.45 0.00	41.32 -0.76 0.00	39.02 -0.80 0.00	36.89 -0.68 0.00	37.21 -0.72 0.00	34.82 -0.82 0.00	36.19 -0.89 0.00	38.06 -0.86 0.00	39.17 -0.80 0.00	42.69 -0.74 0.00	47.48 -0.38 0.00	52.50 0.16 0.00	56.13 0.72 0.00	56.36 0.94 0.00	48.28 0.57 0.00	40.62 0.08 0.00	35.56 -0.14 0.00
FOX_HILLS___ESR 323835	30.98 2.50 -0.02	27.62 2.30 -0.02	28.07 2.41 -0.02	27.12 2.31 -0.01	26.83 2.26 -0.01	31.96 2.37 -0.02	39.18 2.32 -0.02	43.69 2.70 -0.06	49.17 2.95 -4.14	51.29 3.03 -8.45	52.51 2.97 -11.97	52.23 3.03 -11.26	53.54 2.85 -15.05	52.69 3.00 -12.61	54.44 3.31 -12.22	55.61 3.56 -12.08	53.57 3.78 -6.37	51.53 3.64 -0.03	55.90 3.56 0.00	59.07 3.66 0.00	59.29 3.88 0.00	50.84 3.10 -0.03	52.37 2.80 -9.03	37.98 2.21 -0.06
FPL_FAR_ROCK_GT1 24212	47.56 3.16 -15.95	46.41 2.76 -18.35	45.78 2.85 -17.29	45.19 2.73 -17.66	45.72 2.65 -18.51	45.83 2.96 -13.31	46.55 3.35 -6.36	47.71 4.01 -2.77	50.38 4.13 -4.17	51.89 3.98 -8.10	52.42 3.49 -11.35	54.81 3.61 -13.28	52.62 3.35 -13.63	60.80 3.56 -20.16	66.08 3.77 -23.38	73.77 4.04 -29.76	105.40 4.38 -57.59	70.31 4.45 -18.00	61.00 4.55 -4.10	60.31 4.88 -0.01	60.47 5.04 -0.01	57.02 4.20 -5.11	53.55 3.93 -9.07	48.21 3.43 -9.07
FPL_FAR_ROCK_GT2 23815	47.56 3.16 -15.95	46.41 2.76 -18.35	45.78 2.85 -17.29	45.19 2.73 -17.66	45.72 2.65 -18.51	45.83 2.96 -13.31	46.55 3.35 -6.36	47.71 4.01 -2.77	50.38 4.13 -4.17	51.89 3.98 -8.10	52.42 3.49 -11.35	54.81 3.61 -13.28	52.62 3.35 -13.63	60.80 3.56 -20.16	66.08 3.77 -23.38	73.77 4.04 -29.76	105.40 4.38 -57.59	70.31 4.45 -18.00	61.00 4.55 -4.10	60.31 4.88 -0.01	60.47 5.04 -0.01	57.02 4.20 -5.11	53.55 3.93 -9.07	48.21 3.43 -9.07
FRANKLIN_FALL_HYD 24054	27.94 -0.51 0.00	24.77 -0.53 0.00	25.15 -0.49 0.00	24.36 -0.45 0.00	24.02 -0.54 0.00	29.19 -0.38 0.00	37.09 0.26 0.00	41.30 0.37 0.00	42.50 0.42 0.00	40.13 0.32 0.00	37.91 0.34 0.00	38.23 0.30 0.00	35.82 0.18 0.00	37.15 0.07 0.00	39.08 0.16 0.00	40.09 0.12 0.00	43.73 0.30 0.00	48.53 0.67 0.00	53.23 0.89 0.00	56.36 0.94 0.00	56.36 0.94 0.00	48.43 0.72 0.00	41.19 0.65 0.00	35.99 0.29 0.00

FREEPORT_EQUS_GT1 23764	47.33 2.93 -15.95	46.23 2.58 -18.35	45.60 2.67 -17.29	45.02 2.56 -17.66	45.55 2.48 -18.51	45.63 2.75 -13.31	46.29 3.09 -6.36	47.34 3.64 -2.77	49.33 3.74 -3.51	50.25 3.62 -6.81	50.16 3.04 -9.55	52.17 3.07 -11.17	49.99 2.89 -11.46	56.93 2.89 -16.95	61.54 3.11 -19.50	68.35 3.36 -25.02	95.50 3.65 -48.43	67.74 3.64 -16.24	60.93 3.72 -4.88	60.84 3.93 -1.49	61.05 4.10 -1.53	56.55 3.58 -5.26	52.15 3.49 -8.12	46.41 3.07 -7.63
FREEPORT___CT2 23818	47.33 2.93 -15.95	46.23 2.58 -18.35	45.60 2.67 -17.29	45.02 2.56 -17.66	45.55 2.48 -18.51	45.63 2.75 -13.31	46.29 3.09 -6.36	47.34 3.64 -2.77	49.33 3.74 -3.51	50.25 3.62 -6.81	50.16 3.04 -9.55	52.17 3.07 -11.17	49.99 2.89 -11.46	56.93 2.89 -16.95	61.54 3.11 -19.50	68.35 3.36 -25.02	95.50 3.65 -48.43	67.74 3.64 -16.24	60.93 3.72 -4.88	60.84 3.93 -1.49	61.05 4.10 -1.53	56.55 3.58 -5.26	52.15 3.49 -8.12	46.41 3.07 -7.63
FRESHKLS_33_KV_LOAD 356253	30.98 2.50 -0.02	27.67 2.35 -0.02	28.12 2.46 -0.02	27.17 2.36 -0.01	26.91 2.33 -0.01	32.05 2.45 -0.02	39.21 2.36 -0.02	43.56 2.58 -0.05	47.60 2.82 -2.70	48.21 2.91 -5.49	48.20 2.86 -7.77	48.16 2.92 -7.31	48.12 2.71 -9.77	48.16 2.89 -8.19	50.04 3.19 -7.93	51.25 3.44 -7.84	51.26 3.69 -4.14	51.44 3.54 -0.03	55.84 3.51 0.01	59.01 3.60 0.01	59.17 3.77 0.01	50.75 3.01 -0.03	49.13 2.72 -5.87	37.86 2.11 -0.05
FULTON COGEN____ 23766	28.08 -0.37 0.00	24.99 -0.30 0.00	25.28 -0.36 0.00	24.46 -0.35 0.00	24.27 -0.29 0.00	29.19 -0.38 0.00	36.06 -0.77 0.00	39.95 -0.98 0.00	40.99 -1.09 0.00	38.74 -1.07 0.00	36.63 -0.94 0.00	36.94 -0.99 0.00	34.75 -0.89 0.00	36.15 -0.93 0.00	37.91 -1.01 0.00	38.89 -1.08 0.00	42.26 -1.17 0.00	46.67 -1.20 0.00	51.14 -1.20 0.00	54.31 -1.11 0.00	54.14 -1.27 0.00	46.52 -1.19 0.00	39.41 -1.14 0.00	34.85 -0.86 0.00
FULTON___LFGE 323630	30.36 1.91 0.00	26.97 1.67 0.00	27.36 1.72 0.00	26.44 1.64 0.00	26.21 1.65 0.00	31.55 1.98 0.00	39.12 2.28 0.00	43.55 2.62 0.00	44.65 2.57 0.00	41.84 2.03 0.00	39.37 1.80 0.00	39.71 1.78 0.00	37.35 1.71 0.00	38.86 1.78 0.00	40.83 1.91 0.00	42.01 2.04 0.00	45.82 2.39 0.00	50.88 3.02 0.00	55.90 3.56 0.00	59.57 4.16 0.00	59.57 4.16 0.00	51.24 3.53 0.00	43.38 2.84 0.00	37.99 2.29 0.00
G.F.CEMENT___DRP 24184	30.05 1.59 0.00	26.69 1.39 0.00	27.10 1.46 0.00	26.22 1.41 0.00	25.96 1.40 0.00	31.20 1.63 0.00	39.01 2.17 0.00	43.55 2.62 0.00	44.77 2.69 0.00	41.96 2.15 0.00	39.49 1.92 0.00	39.86 1.93 0.00	37.60 1.96 0.00	39.08 2.00 0.00	41.02 2.10 0.00	42.21 2.24 0.00	46.08 2.65 0.00	50.64 2.78 0.00	55.43 3.09 0.00	58.85 3.44 0.00	58.85 3.44 0.00	50.62 2.91 0.00	42.98 2.43 0.00	37.64 1.93 0.00
GARDENVILLE___LBMP 24039	27.46 -1.00 0.00	24.41 -0.89 0.00	24.54 -1.10 0.00	23.74 -1.07 0.00	23.66 -0.91 0.00	28.45 -1.12 0.00	34.70 -2.14 0.00	38.11 -2.82 0.00	39.05 -3.03 0.00	36.79 -3.03 0.00	34.79 -2.78 0.00	35.16 -2.77 0.00	33.08 -2.57 0.00	34.63 -2.45 0.00	35.92 -3.00 0.00	37.13 -2.84 0.00	40.00 -3.43 0.00	44.37 -3.49 0.00	49.25 -3.09 0.00	52.53 -2.88 0.00	51.92 -3.49 0.00	44.61 -3.10 0.00	37.70 -2.84 0.00	33.82 -1.89 0.00
GARDNVLA_35_KV_LD 355827	27.54 -0.91 0.00	24.49 -0.81 0.00	24.61 -1.03 0.00	23.81 -0.99 0.00	23.73 -0.84 0.00	28.54 -1.03 0.00	34.81 -2.03 0.00	38.23 -2.70 0.00	39.18 -2.90 0.00	36.91 -2.91 0.00	34.90 -2.67 0.00	35.27 -2.66 0.00	33.22 -2.42 0.00	34.74 -2.34 0.00	36.04 -2.88 0.00	37.25 -2.72 0.00	40.17 -3.26 0.00	44.51 -3.35 0.00	49.46 -2.88 0.00	52.75 -2.66 0.00	52.15 -3.27 0.00	44.80 -2.91 0.00	37.87 -2.68 0.00	33.96 -1.75 0.00
GELCKHM___115KV_LOAD 80723	28.37 -0.09 0.00	25.22 -0.08 0.00	25.51 -0.13 0.00	24.68 -0.12 0.00	24.49 -0.07 0.00	29.45 -0.12 0.00	36.43 -0.41 0.00	40.36 -0.57 0.00	41.37 -0.72 0.00	39.14 -0.68 0.00	37.01 -0.56 0.00	37.36 -0.57 0.00	35.11 -0.53 0.00	36.56 -0.52 0.00	38.34 -0.58 0.00	39.33 -0.64 0.00	42.73 -0.69 0.00	47.19 -0.67 0.00	51.71 -0.63 0.00	54.86 -0.55 0.00	54.69 -0.72 0.00	47.04 -0.67 0.00	39.81 -0.73 0.00	35.21 -0.50 0.00
GENERAL___MILLS 23808	27.49 -0.97 0.00	24.46 -0.83 0.00	24.56 -1.08 0.00	23.79 -1.02 0.00	23.70 -0.86 0.00	28.51 -1.06 0.00	34.73 -2.10 0.00	38.15 -2.78 0.00	39.14 -2.95 0.00	36.87 -2.95 0.00	34.83 -2.74 0.00	35.20 -2.73 0.00	33.15 -2.49 0.00	34.67 -2.41 0.00	35.96 -2.96 0.00	37.21 -2.76 0.00	40.08 -3.34 0.00	44.42 -3.45 0.00	49.36 -2.98 0.00	52.64 -2.77 0.00	52.03 -3.38 0.00	44.70 -3.01 0.00	37.79 -2.76 0.00	33.89 -1.82 0.00
GE_PLASTICS___DRP 24183	29.33 0.88 0.00	26.11 0.81 0.00	26.49 0.85 0.00	25.62 0.82 0.00	25.35 0.79 0.00	30.37 0.80 0.00	37.57 0.74 0.00	41.67 0.74 0.00	42.84 0.76 0.00	40.49 0.68 0.00	38.21 0.64 0.00	38.57 0.64 0.00	36.28 0.64 0.00	37.75 0.67 0.00	39.62 0.70 0.00	40.77 0.80 0.00	44.25 0.83 0.00	48.63 0.77 0.00	52.97 0.63 0.00	56.08 0.66 0.00	56.13 0.72 0.00	48.38 0.67 0.00	41.27 0.73 0.00	36.31 0.61 0.00
GILBOA___1 23756	29.36 0.91 0.00	26.11 0.81 0.00	26.46 0.82 0.00	25.60 0.79 0.00	25.35 0.79 0.00	30.37 0.80 0.00	37.57 0.74 0.00	41.79 0.86 0.00	42.97 0.89 0.00	40.65 0.84 0.00	38.40 0.83 0.00	38.76 0.83 0.00	36.46 0.82 0.00	37.93 0.85 0.00	39.82 0.90 0.00	40.97 1.00 0.00	44.51 1.09 0.00	48.97 1.10 0.00	53.23 0.89 0.00	56.36 0.94 0.00	56.41 1.00 0.00	48.66 0.95 0.00	41.43 0.89 0.00	36.42 0.71 0.00
GILBOA___2 23757	29.36 0.91 0.00	26.11 0.81 0.00	26.46 0.82 0.00	25.60 0.79 0.00	25.35 0.79 0.00	30.37 0.80 0.00	37.57 0.74 0.00	41.79 0.86 0.00	42.97 0.89 0.00	40.65 0.84 0.00	38.40 0.83 0.00	38.76 0.83 0.00	36.46 0.82 0.00	37.93 0.85 0.00	39.82 0.90 0.00	40.97 1.00 0.00	44.51 1.09 0.00	48.97 1.10 0.00	53.23 0.89 0.00	56.36 0.94 0.00	56.41 1.00 0.00	48.66 0.95 0.00	41.43 0.89 0.00	36.42 0.71 0.00
GILBOA___3 23758	29.36 0.91 0.00	26.11 0.81 0.00	26.46 0.82 0.00	25.60 0.79 0.00	25.35 0.79 0.00	30.37 0.80 0.00	37.57 0.74 0.00	41.79 0.86 0.00	42.97 0.89 0.00	40.65 0.84 0.00	38.40 0.83 0.00	38.76 0.83 0.00	36.46 0.82 0.00	37.93 0.85 0.00	39.82 0.90 0.00	40.97 1.00 0.00	44.51 1.09 0.00	48.97 1.10 0.00	53.23 0.89 0.00	56.36 0.94 0.00	56.41 1.00 0.00	48.66 0.95 0.00	41.43 0.89 0.00	36.42 0.71 0.00
GILBOA___4 23759	29.36 0.91 0.00	26.11 0.81 0.00	26.46 0.82 0.00	25.60 0.79 0.00	25.35 0.79 0.00	30.37 0.80 0.00	37.57 0.74 0.00	41.79 0.86 0.00	42.97 0.89 0.00	40.65 0.84 0.00	38.40 0.83 0.00	38.76 0.83 0.00	36.46 0.82 0.00	37.93 0.85 0.00	39.82 0.90 0.00	40.97 1.00 0.00	44.51 1.09 0.00	48.97 1.10 0.00	53.23 0.89 0.00	56.36 0.94 0.00	56.41 1.00 0.00	48.66 0.95 0.00	41.43 0.89 0.00	36.42 0.71 0.00

GILBOA____ 23599	29.36 0.91 0.00	26.11 0.81 0.00	26.46 0.82 0.00	25.60 0.79 0.00	25.35 0.79 0.00	30.37 0.80 0.00	37.57 0.74 0.00	41.79 0.86 0.00	42.96 0.88 0.00	40.69 0.88 0.00	38.40 0.83 0.00	38.76 0.83 0.00	36.46 0.82 0.00	37.93 0.85 0.00	39.85 0.93 0.00	40.97 1.00 0.00	44.51 1.09 0.00	48.96 1.10 0.00	53.23 0.89 0.00	56.36 0.94 0.00	56.41 1.00 0.00	48.66 0.95 0.00	41.43 0.89 0.00	36.42 0.71 0.00
GINNA____ 23603	26.63 -1.82 0.00	23.68 -1.62 0.00	23.97 -1.67 0.00	23.16 -1.64 0.00	23.04 -1.52 0.00	27.74 -1.83 0.00	34.03 -2.80 0.00	37.53 -3.40 0.00	38.55 -3.53 0.00	36.59 -3.22 0.00	34.64 -2.93 0.00	34.86 -3.07 0.00	32.79 -2.85 0.00	34.19 -2.89 0.00	35.73 -3.19 0.00	36.74 -3.24 0.00	39.69 -3.74 0.00	44.03 -3.83 0.00	48.47 -3.87 0.00	51.53 -3.88 0.00	50.98 -4.44 0.00	43.94 -3.77 0.00	37.18 -3.36 0.00	33.03 -2.68 0.00
GLEN PARK____ 23778	28.14 -0.31 0.00	25.02 -0.28 0.00	25.28 -0.36 0.00	24.48 -0.32 0.00	24.32 -0.25 0.00	29.45 -0.12 0.00	36.72 -0.11 0.00	40.56 -0.37 0.00	41.41 -0.67 0.00	39.06 -0.76 0.00	36.89 -0.68 0.00	37.21 -0.72 0.00	34.82 -0.82 0.00	36.19 -0.89 0.00	38.06 -0.86 0.00	39.21 -0.76 0.00	42.73 -0.70 0.00	47.58 -0.29 0.00	52.71 0.37 0.00	56.41 1.00 0.00	56.63 1.22 0.00	48.52 0.81 0.00	40.75 0.20 0.00	35.71 0.00 0.00
GLENDALE_27_KV_LOAD 356172	30.99 2.53 0.00	27.52 2.23 0.00	28.00 2.36 0.00	27.07 2.26 -0.01	26.73 2.16 0.00	31.88 2.31 0.00	39.19 2.36 0.00	43.96 3.03 0.00	45.32 3.24 0.00	43.12 3.30 0.00	40.80 3.23 0.00	41.23 3.30 0.00	38.74 3.10 0.00	40.34 3.26 0.00	42.46 3.54 0.00	43.77 3.80 0.00	47.47 4.04 0.00	51.79 3.92 0.00	56.21 3.87 0.00	59.40 3.99 0.00	59.57 4.16 0.00	51.10 3.39 0.00	43.58 3.04 0.00	38.21 2.50 0.00
GLENWOOD_IC_1_G5 23712	47.02 2.62 -15.95	45.95 2.30 -18.35	45.32 2.38 -17.29	44.77 2.31 -17.66	45.28 2.21 -18.51	45.33 2.45 -13.31	45.85 2.65 -6.36	46.93 3.23 -2.77	49.96 3.41 -4.47	51.89 3.38 -8.69	52.80 3.04 -12.18	55.29 3.11 -14.25	53.19 2.92 -14.63	61.79 3.08 -21.63	67.12 3.31 -24.89	75.46 3.56 -31.93	109.00 3.78 -61.80	70.96 3.78 -19.31	60.57 3.82 -4.40	59.42 3.99 -0.02	59.59 4.16 -0.02	56.68 3.48 -5.48	53.48 3.20 -9.73	48.19 2.75 -9.73
GLENWOOD_IC_2_G1 23688	46.82 2.42 -15.95	45.78 2.13 -18.35	45.16 2.23 -17.29	44.60 2.13 -17.66	45.11 2.04 -18.51	45.12 2.25 -13.31	45.62 2.43 -6.36	46.65 2.95 -2.77	45.39 3.11 -0.19	43.25 3.07 -0.37	40.87 2.78 -0.52	41.42 2.88 -0.61	38.97 2.71 -0.62	40.86 2.86 -0.92	43.02 3.04 -1.06	44.65 3.32 -1.36	49.58 3.52 -2.64	52.23 3.54 -0.82	56.04 3.51 -0.19	59.13 3.71 0.00	59.24 3.82 0.00	51.14 3.20 -0.23	43.88 2.92 -0.42	38.62 2.50 -0.42
GLENWOOD_IC_3_G1 23689	46.82 2.42 -15.95	45.78 2.13 -18.35	45.16 2.23 -17.29	44.60 2.13 -17.66	45.11 2.04 -18.51	45.12 2.25 -13.31	45.62 2.43 -6.36	46.65 2.95 -2.77	45.39 3.11 -0.19	43.25 3.07 -0.37	40.87 2.78 -0.52	41.42 2.88 -0.61	38.97 2.71 -0.62	40.86 2.86 -0.92	43.02 3.04 -1.06	44.65 3.32 -1.36	49.58 3.52 -2.64	52.23 3.54 -0.82	56.04 3.51 -0.19	59.13 3.71 0.00	59.24 3.82 0.00	51.14 3.20 -0.23	43.88 2.92 -0.42	38.62 2.50 -0.42
GLENWOOD____4 23550	47.02 2.62 -15.95	45.95 2.30 -18.35	45.32 2.38 -17.29	44.77 2.31 -17.66	45.28 2.21 -18.51	45.33 2.45 -13.31	45.85 2.65 -6.36	46.93 3.23 -2.77	49.96 3.41 -4.47	51.89 3.38 -8.69	52.80 3.04 -12.18	55.29 3.11 -14.25	53.19 2.92 -14.63	61.79 3.08 -21.63	67.12 3.31 -24.89	75.46 3.56 -31.93	109.00 3.78 -61.80	70.96 3.78 -19.31	60.57 3.82 -4.40	59.42 3.99 -0.02	59.59 4.16 -0.02	56.68 3.48 -5.48	53.48 3.20 -9.73	48.19 2.75 -9.73
GLENWOOD____5 23614	47.02 2.62 -15.95	45.95 2.30 -18.35	45.32 2.38 -17.29	44.77 2.31 -17.66	45.28 2.21 -18.51	45.33 2.45 -13.31	45.85 2.65 -6.36	46.93 3.23 -2.77	49.96 3.41 -4.47	51.89 3.38 -8.69	52.80 3.04 -12.18	55.29 3.11 -14.25	53.19 2.92 -14.63	61.79 3.08 -21.63	67.12 3.31 -24.89	75.46 3.56 -31.93	109.00 3.78 -61.80	70.96 3.78 -19.31	60.57 3.82 -4.40	59.42 3.99 -0.02	59.59 4.16 -0.02	56.68 3.48 -5.48	53.48 3.20 -9.73	48.19 2.75 -9.73
GLOBAL GREEN_PORT_GT1 23814	47.99 3.59 -15.95	46.76 3.11 -18.35	46.11 3.18 -17.29	45.52 3.05 -17.66	46.04 2.97 -18.51	46.25 3.37 -13.31	47.03 3.83 -6.36	48.36 4.66 -2.77	49.52 4.88 -2.56	49.49 4.70 -4.98	48.27 3.72 -6.98	49.96 3.87 -8.16	47.65 3.64 -8.38	53.50 4.04 -12.38	57.50 4.47 -14.10	63.09 4.83 -18.28	84.23 5.34 -35.47	173.90 5.55 -120.49	201.57 6.28 -142.95	207.60 6.59 -145.60	212.06 6.87 -149.78	151.11 5.82 -97.58	99.92 5.51 -53.87	46.26 4.89 -5.66
GLOBE____DSASP 323697	26.69 -1.76 0.00	23.83 -1.47 0.00	23.95 -1.69 0.00	23.17 -1.64 0.00	23.09 -1.47 0.00	27.62 -1.95 0.00	33.59 -3.24 0.00	36.67 -4.26 0.00	37.54 -4.54 0.00	35.39 -4.42 0.00	33.44 -4.13 0.00	33.76 -4.17 0.00	31.86 -3.78 0.00	33.30 -3.78 0.00	34.52 -4.40 0.00	35.61 -4.36 0.00	38.30 -5.12 0.00	42.46 -5.41 0.00	47.16 -5.18 0.00	50.26 -5.15 0.00	49.65 -5.76 0.00	42.80 -4.91 0.00	36.25 -4.30 0.00	32.74 -2.96 0.00
GOETHSLN____LBMP 323567	30.73 2.28 0.00	27.24 1.95 0.00	27.74 2.10 0.00	26.79 1.98 0.00	26.46 1.89 0.00	31.64 2.07 0.00	38.97 2.14 0.00	43.71 2.78 0.01	44.62 2.95 0.41	41.96 2.99 0.84	39.28 2.89 1.18	39.77 2.96 1.11	36.93 2.78 1.49	38.76 2.93 1.25	40.90 3.19 1.21	42.18 3.40 1.19	46.36 3.56 0.63	51.36 3.49 0.00	55.74 3.40 0.00	58.96 3.55 0.00	59.07 3.66 0.00	50.81 3.10 0.00	42.44 2.80 0.90	38.02 2.32 0.01
GOLAH____69_KV_TB 1_2 80279	27.86 -0.60 0.00	24.79 -0.51 0.00	25.02 -0.62 0.00	24.18 -0.62 0.00	24.07 -0.49 0.00	29.01 -0.56 0.00	35.47 -1.36 0.00	39.01 -1.92 0.00	40.02 -2.06 0.00	37.74 -2.07 0.00	35.65 -1.92 0.00	35.99 -1.93 0.00	33.75 -1.89 0.00	35.23 -1.85 0.00	36.74 -2.18 0.00	37.81 -2.16 0.00	40.82 -2.61 0.00	45.38 -2.49 0.00	50.14 -2.20 0.00	53.53 -1.88 0.00	52.98 -2.44 0.00	45.66 -2.05 0.00	38.68 -1.86 0.00	34.49 -1.21 0.00
GOODYEAR_LAKE_HYD 323669	29.70 1.25 0.00	26.44 1.14 0.00	26.77 1.13 0.00	25.87 1.07 0.00	25.67 1.11 0.00	30.87 1.30 0.00	38.23 1.40 0.00	42.53 1.60 0.00	43.72 1.64 0.00	41.33 1.51 0.00	39.00 1.43 0.00	39.41 1.48 0.00	36.96 1.32 0.00	38.49 1.41 0.00	40.40 1.48 0.00	41.57 1.60 0.00	45.17 1.74 0.00	49.87 2.01 0.00	54.59 2.25 0.00	57.96 2.55 0.00	57.96 2.55 0.00	49.86 2.15 0.00	42.16 1.62 0.00	37.06 1.36 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	28.79 0.34 0.00	25.60 0.30 0.00	25.84 0.21 0.00	25.00 0.20 0.00	24.83 0.27 0.00	29.84 0.27 0.00	36.87 0.04 0.00	40.89 -0.04 0.00	41.87 -0.21 0.00	39.58 -0.24 0.00	37.38 -0.19 0.00	37.74 -0.19 0.00	35.46 -0.18 0.00	36.97 -0.11 0.00	38.69 -0.23 0.00	39.85 -0.12 0.00	43.25 -0.17 0.00	47.82 -0.05 0.00	52.50 0.16 0.00	55.80 0.39 0.00	55.58 0.17 0.00	47.76 0.05 0.00	40.42 -0.12 0.00	35.74 0.04 0.00

GOUDEY___7 23579	28.79 0.34 0.00	25.60 0.30 0.00	25.84 0.21 0.00	25.00 0.20 0.00	24.83 0.27 0.00	29.84 0.27 0.00	36.87 0.04 0.00	40.89 -0.04 0.00	41.87 -0.21 0.00	39.58 -0.24 0.00	37.38 -0.19 0.00	37.74 -0.19 0.00	35.46 -0.18 0.00	36.97 -0.11 0.00	38.69 -0.23 0.00	39.85 -0.12 0.00	43.25 -0.17 0.00	47.82 -0.05 0.00	52.50 0.16 0.00	55.80 0.39 0.00	55.58 0.17 0.00	47.76 0.05 0.00	40.42 -0.12 0.00	35.74 0.04 0.00
GOUDEY___8 23580	28.79 0.34 0.00	25.60 0.30 0.00	25.84 0.21 0.00	25.00 0.20 0.00	24.83 0.27 0.00	29.84 0.27 0.00	36.87 0.04 0.00	40.89 -0.04 0.00	41.87 -0.21 0.00	39.58 -0.24 0.00	37.38 -0.19 0.00	37.74 -0.19 0.00	35.46 -0.18 0.00	36.97 -0.11 0.00	38.69 -0.23 0.00	39.85 -0.12 0.00	43.25 -0.17 0.00	47.82 -0.05 0.00	52.50 0.16 0.00	55.80 0.39 0.00	55.58 0.17 0.00	47.76 0.05 0.00	40.42 -0.12 0.00	35.74 0.04 0.00
GOWANUS_GT1_1 24077	31.01 2.53 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.18 2.32 -0.02	43.85 2.87 -0.06	49.33 3.11 -4.14	51.45 3.19 -8.45	52.66 3.12 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.60 3.46 -12.22	55.77 3.72 -12.08	53.75 3.95 -6.37	51.68 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.40 3.99 0.00	50.99 3.24 -0.03	52.53 2.96 -9.03	38.12 2.36 -0.06
GOWANUS_GT1_2 24078	31.01 2.53 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.18 2.32 -0.02	43.85 2.87 -0.06	49.33 3.11 -4.14	51.45 3.19 -8.45	52.66 3.12 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.60 3.46 -12.22	55.77 3.72 -12.08	53.75 3.95 -6.37	51.68 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.40 3.99 0.00	50.99 3.24 -0.03	52.53 2.96 -9.03	38.12 2.36 -0.06
GOWANUS_GT1_3 24079	31.01 2.53 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.18 2.32 -0.02	43.85 2.87 -0.06	49.33 3.11 -4.14	51.45 3.19 -8.45	52.66 3.12 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.60 3.46 -12.22	55.77 3.72 -12.08	53.75 3.95 -6.37	51.68 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.40 3.99 0.00	50.99 3.24 -0.03	52.53 2.96 -9.03	38.12 2.36 -0.06
GOWANUS_GT1_4 24080	31.01 2.53 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.18 2.32 -0.02	43.85 2.87 -0.06	49.33 3.11 -4.14	51.45 3.19 -8.45	52.66 3.12 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.60 3.46 -12.22	55.77 3.72 -12.08	53.75 3.95 -6.37	51.68 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.40 3.99 0.00	50.99 3.24 -0.03	52.53 2.96 -9.03	38.12 2.36 -0.06
GOWANUS_GT1_5 24084	31.01 2.53 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.18 2.32 -0.02	43.85 2.87 -0.06	49.33 3.11 -4.14	51.45 3.19 -8.45	52.66 3.12 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.60 3.46 -12.22	55.77 3.72 -12.08	53.75 3.95 -6.37	51.68 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.40 3.99 0.00	50.99 3.24 -0.03	52.53 2.96 -9.03	38.12 2.36 -0.06
GOWANUS_GT1_6 24111	31.01 2.53 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.18 2.32 -0.02	43.85 2.87 -0.06	49.33 3.11 -4.14	51.45 3.19 -8.45	52.66 3.12 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.60 3.46 -12.22	55.77 3.72 -12.08	53.75 3.95 -6.37	51.68 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.40 3.99 0.00	50.99 3.24 -0.03	52.53 2.96 -9.03	38.12 2.36 -0.06
GOWANUS_GT1_7 24112	31.01 2.53 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.18 2.32 -0.02	43.85 2.87 -0.06	49.33 3.11 -4.14	51.45 3.19 -8.45	52.66 3.12 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.60 3.46 -12.22	55.77 3.72 -12.08	53.75 3.95 -6.37	51.68 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.40 3.99 0.00	50.99 3.24 -0.03	52.53 2.96 -9.03	38.12 2.36 -0.06
GOWANUS_GT1_8 24113	31.01 2.53 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.18 2.32 -0.02	43.85 2.87 -0.06	49.33 3.11 -4.14	51.45 3.19 -8.45	52.66 3.12 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.60 3.46 -12.22	55.77 3.72 -12.08	53.75 3.95 -6.37	51.68 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.40 3.99 0.00	50.99 3.24 -0.03	52.53 2.96 -9.03	38.12 2.36 -0.06
GOWANUS_GT2_1 24114	30.98 2.50 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.21 2.36 -0.02	43.85 2.86 -0.06	49.33 3.11 -4.14	51.41 3.14 -8.45	52.62 3.08 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.56 3.43 -12.22	55.72 3.68 -12.08	53.75 3.95 -6.37	51.67 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.46 4.04 0.00	51.08 3.34 -0.03	52.53 2.96 -9.03	38.16 2.39 -0.06
GOWANUS_GT2_2 24115	30.98 2.50 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.21 2.36 -0.02	43.85 2.86 -0.06	49.33 3.11 -4.14	51.41 3.14 -8.45	52.62 3.08 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.56 3.43 -12.22	55.72 3.68 -12.08	53.75 3.95 -6.37	51.67 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.46 4.04 0.00	51.08 3.34 -0.03	52.53 2.96 -9.03	38.16 2.39 -0.06
GOWANUS_GT2_3 24116	30.98 2.50 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.21 2.36 -0.02	43.85 2.86 -0.06	49.33 3.11 -4.14	51.41 3.14 -8.45	52.62 3.08 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.56 3.43 -12.22	55.72 3.68 -12.08	53.75 3.95 -6.37	51.67 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.46 4.04 0.00	51.08 3.34 -0.03	52.53 2.96 -9.03	38.16 2.39 -0.06
GOWANUS_GT2_4 24117	30.98 2.50 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.21 2.36 -0.02	43.85 2.86 -0.06	49.33 3.11 -4.14	51.41 3.14 -8.45	52.62 3.08 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.56 3.43 -12.22	55.72 3.68 -12.08	53.75 3.95 -6.37	51.67 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.46 4.04 0.00	51.08 3.34 -0.03	52.53 2.96 -9.03	38.16 2.39 -0.06
GOWANUS_GT2_5 24118	30.98 2.50 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.21 2.36 -0.02	43.85 2.86 -0.06	49.33 3.11 -4.14	51.41 3.14 -8.45	52.62 3.08 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.56 3.43 -12.22	55.72 3.68 -12.08	53.75 3.95 -6.37	51.67 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.46 4.04 0.00	51.08 3.34 -0.03	52.53 2.96 -9.03	38.16 2.39 -0.06

GOWANUS_GT2_6 24119	30.98 2.50 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.21 2.36 -0.02	43.85 2.86 -0.06	49.33 3.11 -4.14	51.41 3.14 -8.45	52.62 3.08 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.56 3.43 -12.22	55.72 3.68 -12.08	53.75 3.95 -6.37	51.67 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.46 4.04 0.00	51.08 3.34 -0.03	52.53 2.96 -9.03	38.16 2.39 -0.06
GOWANUS_GT2_7 24120	30.98 2.50 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.21 2.36 -0.02	43.85 2.86 -0.06	49.33 3.11 -4.14	51.41 3.14 -8.45	52.62 3.08 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.56 3.43 -12.22	55.72 3.68 -12.08	53.75 3.95 -6.37	51.67 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.46 4.04 0.00	51.08 3.34 -0.03	52.53 2.96 -9.03	38.16 2.39 -0.06
GOWANUS_GT2_8 24121	30.98 2.50 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.21 2.36 -0.02	43.85 2.86 -0.06	49.33 3.11 -4.14	51.41 3.14 -8.45	52.62 3.08 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.56 3.43 -12.22	55.72 3.68 -12.08	53.75 3.95 -6.37	51.67 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.46 4.04 0.00	51.08 3.34 -0.03	52.53 2.96 -9.03	38.16 2.39 -0.06
GOWANUS_GT3_1 24122	30.98 2.50 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.21 2.36 -0.02	43.85 2.86 -0.06	49.33 3.11 -4.14	51.41 3.14 -8.45	52.62 3.08 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.56 3.43 -12.22	55.72 3.68 -12.08	53.75 3.95 -6.37	51.67 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.46 4.04 0.00	51.08 3.34 -0.03	52.53 2.96 -9.03	38.16 2.39 -0.06
GOWANUS_GT3_2 24123	30.98 2.50 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.21 2.36 -0.02	43.85 2.86 -0.06	49.33 3.11 -4.14	51.41 3.14 -8.45	52.62 3.08 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.56 3.43 -12.22	55.72 3.68 -12.08	53.75 3.95 -6.37	51.67 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.46 4.04 0.00	51.08 3.34 -0.03	52.53 2.96 -9.03	38.16 2.39 -0.06
GOWANUS_GT3_3 24124	30.98 2.50 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.21 2.36 -0.02	43.85 2.86 -0.06	49.33 3.11 -4.14	51.41 3.14 -8.45	52.62 3.08 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.56 3.43 -12.22	55.72 3.68 -12.08	53.75 3.95 -6.37	51.67 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.46 4.04 0.00	51.08 3.34 -0.03	52.53 2.96 -9.03	38.16 2.39 -0.06
GOWANUS_GT3_4 24125	30.98 2.50 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.21 2.36 -0.02	43.85 2.86 -0.06	49.33 3.11 -4.14	51.41 3.14 -8.45	52.62 3.08 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.56 3.43 -12.22	55.72 3.68 -12.08	53.75 3.95 -6.37	51.67 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.46 4.04 0.00	51.08 3.34 -0.03	52.53 2.96 -9.03	38.16 2.39 -0.06
GOWANUS_GT3_5 24126	30.98 2.50 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.21 2.36 -0.02	43.85 2.86 -0.06	49.33 3.11 -4.14	51.41 3.14 -8.45	52.62 3.08 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.56 3.43 -12.22	55.72 3.68 -12.08	53.75 3.95 -6.37	51.67 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.46 4.04 0.00	51.08 3.34 -0.03	52.53 2.96 -9.03	38.16 2.39 -0.06
GOWANUS_GT3_6 24127	30.98 2.50 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.21 2.36 -0.02	43.85 2.86 -0.06	49.33 3.11 -4.14	51.41 3.14 -8.45	52.62 3.08 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.56 3.43 -12.22	55.72 3.68 -12.08	53.75 3.95 -6.37	51.67 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.46 4.04 0.00	51.08 3.34 -0.03	52.53 2.96 -9.03	38.16 2.39 -0.06
GOWANUS_GT3_7 24128	30.98 2.50 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.21 2.36 -0.02	43.85 2.86 -0.06	49.33 3.11 -4.14	51.41 3.14 -8.45	52.62 3.08 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.56 3.43 -12.22	55.72 3.68 -12.08	53.75 3.95 -6.37	51.67 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.46 4.04 0.00	51.08 3.34 -0.03	52.53 2.96 -9.03	38.16 2.39 -0.06
GOWANUS_GT3_8 24129	30.98 2.50 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.21 2.36 -0.02	43.85 2.86 -0.06	49.33 3.11 -4.14	51.41 3.14 -8.45	52.62 3.08 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.56 3.43 -12.22	55.72 3.68 -12.08	53.75 3.95 -6.37	51.67 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.46 4.04 0.00	51.08 3.34 -0.03	52.53 2.96 -9.03	38.16 2.39 -0.06
GOWANUS_GT4_1 24130	31.01 2.53 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.18 2.32 -0.02	43.85 2.87 -0.06	49.33 3.11 -4.14	51.45 3.19 -8.45	52.66 3.12 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.60 3.46 -12.22	55.77 3.72 -12.08	53.75 3.95 -6.37	51.68 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.40 3.99 0.00	50.99 3.24 -0.03	52.53 2.96 -9.03	38.12 2.36 -0.06
GOWANUS_GT4_2 24131	31.01 2.53 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.18 2.32 -0.02	43.85 2.87 -0.06	49.33 3.11 -4.14	51.45 3.19 -8.45	52.66 3.12 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.60 3.46 -12.22	55.77 3.72 -12.08	53.75 3.95 -6.37	51.68 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.40 3.99 0.00	50.99 3.24 -0.03	52.53 2.96 -9.03	38.12 2.36 -0.06
GOWANUS_GT4_3 24132	31.01 2.53 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.18 2.32 -0.02	43.85 2.87 -0.06	49.33 3.11 -4.14	51.45 3.19 -8.45	52.66 3.12 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.60 3.46 -12.22	55.77 3.72 -12.08	53.75 3.95 -6.37	51.68 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.40 3.99 0.00	50.99 3.24 -0.03	52.53 2.96 -9.03	38.12 2.36 -0.06
GOWANUS_GT4_4 24133	31.01 2.53 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.18 2.32 -0.02	43.85 2.87 -0.06	49.33 3.11 -4.14	51.45 3.19 -8.45	52.66 3.12 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.60 3.46 -12.22	55.77 3.72 -12.08	53.75 3.95 -6.37	51.68 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.40 3.99 0.00	50.99 3.24 -0.03	52.53 2.96 -9.03	38.12 2.36 -0.06

GOWANUS_GT4_5 24134	31.01 2.53 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.18 2.32 -0.02	43.85 2.87 -0.06	49.33 3.11 -4.14	51.45 3.19 -8.45	52.66 3.12 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.60 3.46 -12.22	55.77 3.72 -12.08	53.75 3.95 -6.37	51.68 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.40 3.99 0.00	50.99 3.24 -0.03	52.53 2.96 -9.03	38.12 2.36 -0.06
GOWANUS_GT4_6 24135	31.01 2.53 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.18 2.32 -0.02	43.85 2.87 -0.06	49.33 3.11 -4.14	51.45 3.19 -8.45	52.66 3.12 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.60 3.46 -12.22	55.77 3.72 -12.08	53.75 3.95 -6.37	51.68 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.40 3.99 0.00	50.99 3.24 -0.03	52.53 2.96 -9.03	38.12 2.36 -0.06
GOWANUS_GT4_7 24136	31.01 2.53 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.18 2.32 -0.02	43.85 2.87 -0.06	49.33 3.11 -4.14	51.45 3.19 -8.45	52.66 3.12 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.60 3.46 -12.22	55.77 3.72 -12.08	53.75 3.95 -6.37	51.68 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.40 3.99 0.00	50.99 3.24 -0.03	52.53 2.96 -9.03	38.12 2.36 -0.06
GOWANUS_GT4_8 24137	31.01 2.53 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.18 2.32 -0.02	43.85 2.87 -0.06	49.33 3.11 -4.14	51.45 3.19 -8.45	52.66 3.12 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.60 3.46 -12.22	55.77 3.72 -12.08	53.75 3.95 -6.37	51.68 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.40 3.99 0.00	50.99 3.24 -0.03	52.53 2.96 -9.03	38.12 2.36 -0.06
GREATVR_69_KV_BK1 356245	47.93 3.53 -15.95	46.74 3.09 -18.35	46.11 3.18 -17.29	45.52 3.05 -17.66	46.04 2.97 -18.51	46.25 3.37 -13.31	46.95 3.76 -6.36	48.16 4.46 -2.77	49.33 4.59 -2.66	49.36 4.38 -5.16	48.38 3.57 -7.24	49.96 3.57 -8.46	47.65 3.31 -8.69	53.41 3.49 -12.84	57.38 3.81 -14.65	63.02 4.08 -18.97	84.44 4.26 -36.76	129.11 4.26 -76.98	143.47 4.45 -86.68	147.23 4.65 -87.17	149.90 4.82 -89.67	111.56 4.06 -59.79	79.41 4.18 -34.69	45.25 3.71 -5.83
GREENBSH_115KV_TB3 55895	29.31 0.85 0.00	26.11 0.81 0.00	26.49 0.85 0.00	25.62 0.82 0.00	25.35 0.79 0.00	30.34 0.77 0.00	37.53 0.70 0.00	41.54 0.61 0.00	42.71 0.63 0.00	40.41 0.60 0.00	38.10 0.53 0.00	38.46 0.53 0.00	36.21 0.57 0.00	37.67 0.59 0.00	39.54 0.62 0.00	40.69 0.72 0.00	44.12 0.69 0.00	48.49 0.62 0.00	52.81 0.47 0.00	55.86 0.44 0.00	55.91 0.50 0.00	48.19 0.48 0.00	41.19 0.65 0.00	36.21 0.50 0.00
GREENDGE_115KV_TB5 80291	28.60 0.14 0.00	25.42 0.13 0.00	25.64 0.00 0.00	24.80 0.00 0.00	24.69 0.12 0.00	29.69 0.12 0.00	36.68 0.70 0.00	40.60 -0.33 0.00	41.41 -0.67 0.00	39.02 -0.80 0.00	36.82 -0.75 0.00	37.09 -0.83 0.00	34.86 -0.78 0.00	36.38 -0.70 0.00	38.02 -0.90 0.00	39.17 -0.80 0.00	42.56 -0.87 0.00	47.29 -0.57 0.00	51.82 -0.52 0.00	55.30 -0.11 0.00	54.86 -0.55 0.00	47.42 -0.29 0.00	40.02 -0.53 0.00	35.42 -0.29 0.00
GREENIDGE___3 23582	28.60 0.14 0.00	25.42 0.13 0.00	25.64 0.00 0.00	24.80 0.00 0.00	24.69 0.12 0.00	29.69 0.12 0.00	36.68 -0.15 0.00	40.60 -0.33 0.00	41.41 -0.67 0.00	39.02 -0.80 0.00	36.82 -0.75 0.00	37.09 -0.83 0.00	34.86 -0.78 0.00	36.38 -0.70 0.00	38.02 -0.90 0.00	39.17 -0.80 0.00	42.56 -0.87 0.00	47.29 -0.57 0.00	51.82 -0.52 0.00	55.30 -0.11 0.00	54.86 -0.55 0.00	47.42 -0.29 0.00	40.02 -0.53 0.00	35.42 -0.29 0.00
GREENIDGE___4 23583	28.60 0.14 0.00	25.43 0.13 0.00	25.64 0.00 0.00	24.80 0.00 0.00	24.69 0.12 0.00	29.72 0.15 0.00	36.72 -0.11 0.00	40.60 -0.33 0.00	41.41 -0.67 0.00	39.10 -0.72 0.00	36.86 -0.71 0.00	37.09 -0.83 0.00	34.86 -0.78 0.00	36.37 -0.71 0.00	38.06 -0.86 0.00	39.17 -0.80 0.00	42.56 -0.87 0.00	47.29 -0.57 0.00	51.82 -0.52 0.00	55.30 -0.11 0.00	54.86 -0.55 0.00	47.43 -0.28 0.00	40.01 -0.53 0.00	35.42 -0.29 0.00
GREENLWN_69_KV_BK 3 55738	47.11 2.70 -15.95	46.11 2.45 -18.35	45.50 2.56 -17.29	44.92 2.46 -17.66	45.45 2.38 -18.51	45.54 2.66 -13.31	46.03 2.84 -6.36	47.06 3.36 -2.77	48.09 3.37 -2.64	48.25 3.30 -5.13	47.28 2.52 -7.19	48.88 2.54 -8.41	46.63 2.35 -8.64	52.33 2.48 -12.76	56.18 2.72 -14.54	61.74 2.92 -18.85	83.15 3.26 -36.46	38.57 3.30 12.60	27.65 3.51 28.19	27.15 3.66 31.92	26.35 3.77 32.83	33.44 3.20 17.47	39.02 3.32 4.84	44.40 2.96 -5.73
GREENWD_138_KV_38B11_REV_LBMP_J 345004	31.01 2.53 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.18 2.32 -0.02	43.85 2.87 -0.06	49.33 3.11 -4.14	51.45 3.19 -8.45	52.66 3.12 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.60 3.46 -12.22	55.77 3.72 -12.08	53.75 3.95 -6.37	51.68 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.40 3.99 0.00	50.99 3.24 -0.03	52.53 2.96 -9.03	38.12 2.36 -0.06
GRISSOM___SOLAR 323813	30.28 1.82 0.00	26.89 1.59 0.00	27.28 1.64 0.00	26.39 1.59 0.00	26.16 1.60 0.00	31.46 1.89 0.00	39.04 2.21 0.00	43.43 2.50 0.00	44.56 2.48 0.00	41.80 1.99 0.00	39.34 1.77 0.00	39.67 1.75 0.00	37.32 1.68 0.00	38.82 1.74 0.00	40.79 1.87 0.00	41.97 2.00 0.00	45.77 2.34 0.00	50.74 2.87 0.00	55.74 3.40 0.00	59.29 3.88 0.00	59.29 3.88 0.00	51.00 3.29 0.00	43.22 2.68 0.00	37.89 2.18 0.00
GROVEVILLE___HYD 323602	30.53 2.08 0.00	27.12 1.82 0.00	27.51 1.87 0.00	26.61 1.81 0.00	26.31 1.74 0.00	31.46 1.89 0.00	38.82 1.99 0.00	43.43 2.50 0.00	44.77 2.69 0.00	42.40 2.59 0.00	40.05 2.48 0.00	40.43 2.50 0.00	37.96 2.32 0.00	39.56 2.48 0.00	41.61 2.69 0.00	42.93 2.96 0.00	46.64 3.21 0.00	51.12 3.25 0.00	55.64 3.30 0.00	58.96 3.55 0.00	59.18 3.77 0.00	50.81 3.10 0.00	43.22 2.68 0.00	37.89 2.18 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	28.48 0.03 0.00	25.32 0.03 0.00	25.59 -0.05 0.00	24.75 -0.05 0.00	24.56 0.00 0.00	29.57 0.00 0.00	36.57 -0.26 0.00	40.52 -0.41 0.00	41.53 -0.55 0.00	39.26 -0.56 0.00	37.12 -0.45 0.00	37.47 -0.46 0.00	35.21 -0.43 0.00	36.67 -0.41 0.00	38.45 -0.47 0.00	39.45 -0.52 0.00	42.86 -0.56 0.00	47.39 -0.48 0.00	51.92 -0.42 0.00	55.08 -0.33 0.00	54.92 -0.50 0.00	47.19 -0.52 0.00	39.98 -0.57 0.00	35.31 -0.39 0.00
HAMLTNNY_34_KV_TB 80303	28.40 -0.06 0.00	25.25 -0.05 0.00	25.54 -0.10 0.00	24.70 -0.10 0.00	24.51 -0.05 0.00	29.51 -0.06 0.00	36.46 -0.37 0.00	40.36 -0.57 0.00	41.37 -0.72 0.00	39.10 -0.72 0.00	36.97 -0.60 0.00	37.28 -0.64 0.00	35.04 -0.61 0.00	36.52 -0.56 0.00	38.26 -0.66 0.00	39.29 -0.68 0.00	42.65 -0.78 0.00	47.19 -0.67 0.00	51.77 -0.58 0.00	54.97 -0.44 0.00	54.69 -0.72 0.00	47.04 -0.67 0.00	39.81 -0.73 0.00	35.21 -0.50 0.00

HAMPSHIRE___PAPER_HYD 323593	27.20 -1.25 0.00	24.13 -1.16 0.00	24.46 -1.18 0.00	23.69 -1.12 0.00	23.46 -1.10 0.00	28.45 -1.12 0.00	35.87 -0.96 0.00	39.91 -1.02 0.00	40.99 -1.09 0.00	38.74 -1.07 0.00	36.59 -0.98 0.00	36.91 -1.02 0.00	34.54 -1.11 0.00	35.86 -1.22 0.00	37.75 -1.17 0.00	38.77 -1.20 0.00	42.30 -1.13 0.00	46.81 -1.05 0.00	51.50 -0.84 0.00	54.75 -0.66 0.00	54.91 -0.50 0.00	47.14 -0.57 0.00	40.01 -0.53 0.00	35.03 -0.68 0.00
HARDSCRABBLE_WT_PWR 323673	27.94 -0.51 0.00	24.89 -0.41 0.00	25.26 -0.38 0.00	24.46 -0.35 0.00	24.27 -0.29 0.00	29.28 -0.30 0.00	36.43 -0.40 0.00	40.52 -0.41 0.00	41.83 -0.25 0.00	39.66 -0.16 0.00	37.46 -0.11 0.00	37.93 0.00 0.00	35.64 0.00 0.00	37.08 0.00 0.00	38.92 0.00 0.00	40.01 0.04 0.00	43.47 0.04 0.00	47.91 0.05 0.00	52.39 0.05 0.00	55.47 0.06 0.00	55.53 0.11 0.00	47.71 0.00 0.00	40.50 -0.04 0.00	35.67 -0.04 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	30.39 1.93 0.00	26.99 1.69 0.00	27.38 1.74 0.00	26.49 1.69 0.00	26.19 1.62 0.00	31.32 1.74 0.00	38.67 1.84 0.00	43.26 2.33 0.00	44.56 2.48 0.00	42.24 2.43 0.00	39.90 2.33 0.00	40.32 2.39 0.00	37.85 2.21 0.00	39.42 2.34 0.00	41.49 2.57 0.00	42.77 2.80 0.00	46.47 3.04 0.00	50.93 3.06 0.00	55.38 3.04 0.00	58.68 3.27 0.00	58.85 3.44 0.00	50.53 2.81 0.00	43.02 2.47 0.00	37.71 2.00 0.00
HARSNRAD_115KV_TB1 81005	26.97 -1.48 0.00	23.98 -1.32 0.00	24.13 -1.51 0.00	23.36 -1.44 0.00	23.26 -1.30 0.00	27.97 -1.60 0.00	34.03 -2.80 0.00	37.29 -3.64 0.00	38.21 -3.87 0.00	35.95 -3.86 0.00	34.00 -3.57 0.00	34.33 -3.60 0.00	32.33 -3.31 0.00	33.82 -3.26 0.00	35.07 -3.85 0.00	36.25 -3.72 0.00	39.04 -4.39 0.00	43.27 -4.59 0.00	48.15 -4.19 0.00	51.37 -4.05 0.00	50.70 -4.71 0.00	43.66 -4.06 0.00	36.93 -3.61 0.00	33.28 -2.43 0.00
HARZA MOOSE___RIVER 24016	28.37 -0.09 0.00	25.17 -0.13 0.00	25.49 -0.15 0.00	24.70 -0.10 0.00	24.49 -0.07 0.00	29.60 0.03 0.00	36.94 0.11 0.00	41.01 0.08 0.00	42.08 0.00 0.00	39.85 0.04 0.00	37.65 0.08 0.00	38.00 0.08 0.00	35.61 -0.04 0.00	37.01 -0.07 0.00	38.88 -0.04 0.00	39.97 0.00 0.00	43.56 0.13 0.00	48.25 0.38 0.00	53.07 0.73 0.00	56.41 1.00 0.00	56.52 1.11 0.00	48.57 0.86 0.00	40.99 0.45 0.00	35.99 0.29 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	28.42 -0.03 0.00	25.27 -0.03 0.00	25.56 -0.08 0.00	24.73 -0.07 0.00	24.54 -0.02 0.00	29.51 -0.06 0.00	36.46 -0.37 0.00	40.44 -0.49 0.00	41.49 -0.59 0.00	39.22 -0.60 0.00	37.08 -0.49 0.00	37.40 -0.53 0.00	35.18 -0.46 0.00	36.64 -0.44 0.00	38.41 -0.51 0.00	39.41 -0.56 0.00	42.78 -0.65 0.00	47.29 -0.57 0.00	51.77 -0.58 0.00	54.97 -0.44 0.00	54.80 -0.61 0.00	47.09 -0.62 0.00	39.89 -0.65 0.00	35.24 -0.46 0.00
HELLGATE_13_KV_LD 55870	31.01 2.56 0.00	27.55 2.25 0.00	28.02 2.38 0.00	27.09 2.28 -0.01	26.73 2.16 0.00	31.85 2.28 0.00	39.15 2.32 0.00	43.92 2.99 0.00	45.32 3.24 0.00	43.12 3.30 0.00	40.76 3.19 0.00	41.19 3.26 0.00	38.71 3.07 0.00	40.31 3.23 0.00	42.46 3.54 0.00	43.73 3.76 0.00	47.47 4.04 0.00	51.79 3.92 0.00	56.16 3.82 0.00	59.35 3.93 0.00	59.52 4.10 0.00	51.05 3.34 0.00	43.54 3.00 0.00	38.21 2.50 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	31.01 2.56 0.00	27.55 2.25 0.00	28.02 2.38 0.00	27.09 2.28 -0.01	26.73 2.16 0.00	31.85 2.28 0.00	39.15 2.32 0.00	43.92 2.99 0.00	45.32 3.24 0.00	43.12 3.30 0.00	40.76 3.19 0.00	41.19 3.26 0.00	38.71 3.07 0.00	40.31 3.23 0.00	42.46 3.54 0.00	43.73 3.76 0.00	47.47 4.04 0.00	51.79 3.92 0.00	56.16 3.82 0.00	59.35 3.93 0.00	59.52 4.10 0.00	51.05 3.34 0.00	43.54 3.00 0.00	38.21 2.50 0.00
HEMPSTEAD____ 23647	47.08 2.67 -15.95	46.01 2.35 -18.35	45.37 2.44 -17.29	44.82 2.36 -17.66	45.33 2.26 -18.51	45.36 2.48 -13.31	45.96 2.76 -6.36	47.01 3.31 -2.77	49.36 3.41 -3.87	50.64 3.30 -7.52	50.97 2.85 -10.54	53.18 2.92 -12.33	51.01 2.71 -12.66	58.66 2.86 -18.72	63.50 3.04 -21.54	70.89 3.28 -27.64	100.43 3.52 -53.48	68.07 3.49 -16.71	59.71 3.56 -3.81	59.14 3.71 -0.01	59.31 3.88 -0.01	55.75 3.29 -4.75	52.13 3.16 -8.43	46.92 2.79 -8.42
HICKLING___1 23621	28.74 0.28 0.00	25.58 0.28 0.00	25.72 0.08 0.00	24.90 0.10 0.00	24.79 0.22 0.00	29.78 0.21 0.00	36.72 -0.11 0.00	40.68 -0.25 0.00	41.45 -0.63 0.00	39.14 -0.68 0.00	36.97 -0.60 0.00	37.32 -0.61 0.00	35.04 -0.61 0.00	36.64 -0.44 0.00	38.22 -0.70 0.00	39.45 -0.52 0.00	42.78 -0.65 0.00	47.48 -0.38 0.00	52.39 0.05 0.00	55.86 0.44 0.00	55.41 0.00 0.00	47.57 -0.14 0.00	40.14 -0.41 0.00	35.60 -0.11 0.00
HICKLING___2 23622	28.74 0.28 0.00	25.58 0.28 0.00	25.72 0.08 0.00	24.90 0.10 0.00	24.79 0.22 0.00	29.78 0.21 0.00	36.72 -0.11 0.00	40.68 -0.25 0.00	41.45 -0.63 0.00	39.14 -0.68 0.00	36.97 -0.60 0.00	37.32 -0.61 0.00	35.04 -0.61 0.00	36.64 -0.44 0.00	38.22 -0.70 0.00	39.45 -0.52 0.00	42.78 -0.65 0.00	47.48 -0.38 0.00	52.39 0.05 0.00	55.86 0.44 0.00	55.41 0.00 0.00	47.57 -0.14 0.00	40.14 -0.41 0.00	35.60 -0.11 0.00
HIGH FALLS___HY 23754	30.56 2.11 0.00	27.14 1.85 0.00	27.54 1.90 0.00	26.64 1.84 0.00	26.33 1.77 0.00	31.49 1.92 0.00	38.89 2.06 0.00	43.55 2.62 0.00	44.86 2.78 0.00	42.44 2.63 0.00	40.09 2.52 0.00	40.47 2.54 0.00	37.96 2.32 0.00	39.56 2.48 0.00	41.64 2.72 0.00	43.01 3.04 0.00	46.82 3.39 0.00	51.36 3.49 0.00	55.95 3.61 0.00	59.35 3.93 0.00	59.63 4.21 0.00	51.15 3.44 0.00	43.42 2.88 0.00	38.03 2.32 0.00
HIGH_RIVER___SOLAR 323847	29.79 1.34 0.00	26.49 1.19 0.00	26.87 1.23 0.00	25.97 1.17 0.00	25.72 1.15 0.00	30.90 1.33 0.00	38.31 1.47 0.00	42.57 1.64 0.00	43.68 1.60 0.00	41.09 1.27 0.00	38.70 1.13 0.00	38.99 1.06 0.00	36.64 1.00 0.00	38.08 1.00 0.00	39.93 1.01 0.00	41.05 1.08 0.00	44.64 1.21 0.00	49.54 1.67 0.00	54.38 2.04 0.00	57.80 2.38 0.00	57.91 2.50 0.00	49.81 2.10 0.00	42.32 1.78 0.00	37.17 1.46 0.00
HILLBURN___GT 23639	30.41 1.96 0.00	27.04 1.74 0.00	27.46 1.82 0.00	26.54 1.74 0.00	26.24 1.67 0.00	31.37 1.80 0.00	38.75 1.91 0.00	43.30 2.37 0.00	44.65 2.57 0.00	42.36 2.55 0.00	40.01 2.44 0.00	40.43 2.50 0.00	37.99 2.35 0.00	39.56 2.48 0.00	41.60 2.68 0.00	42.89 2.92 0.00	46.56 3.13 0.00	51.02 3.16 0.00	55.43 3.09 0.00	58.68 3.27 0.00	58.85 3.44 0.00	50.57 2.86 0.00	43.02 2.47 0.00	37.74 2.03 0.00
HILLSIDE_115KV_TB1 80332	28.31 -0.14 0.00	25.20 -0.10 0.00	25.36 -0.28 0.00	24.53 -0.27 0.00	24.42 -0.15 0.00	29.33 -0.24 0.00	36.17 -0.66 0.00	40.07 -0.86 0.00	40.95 -1.14 0.00	38.70 -1.11 0.00	36.52 -1.05 0.00	36.87 -1.06 0.00	34.64 -1.00 0.00	36.15 -0.93 0.00	37.75 -1.17 0.00	38.93 -1.04 0.00	42.21 -1.22 0.00	46.76 -1.10 0.00	51.45 -0.89 0.00	54.86 -0.55 0.00	54.53 -0.89 0.00	46.80 -0.91 0.00	39.57 -0.97 0.00	35.06 -0.64 0.00

HISHELDN_WT_PWR 323625	27.54 -0.91 0.00	24.51 -0.78 0.00	24.61 -1.03 0.00	23.83 -0.97 0.00	23.75 -0.81 0.00	28.60 -0.98 0.00	34.92 -1.92 0.00	38.39 -2.54 0.00	39.22 -2.86 0.00	37.11 -2.71 0.00	35.05 -2.52 0.00	35.27 -2.66 0.00	33.22 -2.42 0.00	34.75 -2.33 0.00	36.19 -2.73 0.00	37.25 -2.72 0.00	40.22 -3.21 0.00	44.61 -3.26 0.00	49.51 -2.83 0.00	52.92 -2.49 0.00	52.31 -3.10 0.00	44.94 -2.77 0.00	37.99 -2.55 0.00	33.99 -1.71 0.00
HOLTSVILLE_IC_1 23690	47.67 3.27 -15.95	46.56 2.91 -18.35	45.93 3.00 -17.29	45.34 2.88 -17.66	45.85 2.77 -18.51	46.04 3.17 -13.31	46.66 3.46 -6.36	47.75 4.05 -2.77	48.76 4.13 -2.55	48.72 3.94 -4.96	47.65 3.12 -6.96	49.21 3.15 -8.14	46.95 2.96 -8.36	52.58 3.15 -12.35	56.34 3.35 -14.07	61.81 3.60 -18.24	82.63 3.82 -35.38	169.53 3.83 -117.84	195.90 3.98 -139.58	201.68 4.16 -142.11	205.93 4.33 -146.19	146.64 3.62 -95.31	96.93 3.69 -52.70	44.71 3.36 -5.64
HOLTSVILLE_IC_10 23699	47.82 3.41 -15.95	46.69 3.03 -18.35	46.03 3.10 -17.29	45.44 2.97 -17.66	45.97 2.90 -18.51	46.16 3.28 -13.31	46.84 3.65 -6.36	48.00 4.30 -2.77	49.04 4.38 -2.58	49.01 4.18 -5.01	47.94 3.34 -7.03	49.56 3.42 -8.22	47.25 3.17 -8.44	52.93 3.37 -12.47	56.76 3.62 -14.22	62.27 3.88 -18.42	83.29 4.13 -35.73	178.46 4.16 -126.43	207.23 4.40 -150.49	213.41 4.60 -153.40	217.98 4.77 -157.80	154.38 4.01 -102.66	101.01 3.98 -56.50	45.01 3.60 -5.70
HOLTSVILLE_IC_2 23691	47.67 3.27 -15.95	46.56 2.91 -18.35	45.93 3.00 -17.29	45.34 2.88 -17.66	45.85 2.77 -18.51	46.04 3.17 -13.31	46.66 3.46 -6.36	47.75 4.05 -2.77	48.76 4.13 -2.55	48.72 3.94 -4.96	47.65 3.12 -6.96	49.21 3.15 -8.14	46.95 2.96 -8.36	52.58 3.15 -12.35	56.34 3.35 -14.07	61.81 3.60 -18.24	82.63 3.82 -35.38	169.53 3.83 -117.84	195.90 3.98 -139.58	201.68 4.16 -142.11	205.93 4.33 -146.19	146.64 3.62 -95.31	96.93 3.69 -52.70	44.71 3.36 -5.64
HOLTSVILLE_IC_3 23692	47.67 3.27 -15.95	46.56 2.91 -18.35	45.93 3.00 -17.29	45.34 2.88 -17.66	45.85 2.77 -18.51	46.04 3.17 -13.31	46.66 3.46 -6.36	47.75 4.05 -2.77	48.76 4.13 -2.55	48.72 3.94 -4.96	47.65 3.12 -6.96	49.21 3.15 -8.14	46.95 2.96 -8.36	52.58 3.15 -12.35	56.34 3.35 -14.07	61.81 3.60 -18.24	82.63 3.82 -35.38	169.53 3.83 -117.84	195.90 3.98 -139.58	201.68 4.16 -142.11	205.93 4.33 -146.19	146.64 3.62 -95.31	96.93 3.69 -52.70	44.71 3.36 -5.64
HOLTSVILLE_IC_4 23693	47.67 3.27 -15.95	46.56 2.91 -18.35	45.93 3.00 -17.29	45.34 2.88 -17.66	45.85 2.77 -18.51	46.04 3.17 -13.31	46.66 3.46 -6.36	47.75 4.05 -2.77	48.76 4.13 -2.55	48.72 3.94 -4.96	47.65 3.12 -6.96	49.21 3.15 -8.14	46.95 2.96 -8.36	52.58 3.15 -12.35	56.34 3.35 -14.07	61.81 3.60 -18.24	82.63 3.82 -35.38	169.53 3.83 -117.84	195.90 3.98 -139.58	201.68 4.16 -142.11	205.93 4.33 -146.19	146.64 3.62 -95.31	96.93 3.69 -52.70	44.71 3.36 -5.64
HOLTSVILLE_IC_5 23694	47.67 3.27 -15.95	46.56 2.91 -18.35	45.93 3.00 -17.29	45.34 2.88 -17.66	45.85 2.77 -18.51	46.04 3.17 -13.31	46.66 3.46 -6.36	47.75 4.05 -2.77	48.76 4.13 -2.55	48.72 3.94 -4.96	47.65 3.12 -6.96	49.21 3.15 -8.14	46.95 2.96 -8.36	52.58 3.15 -12.35	56.34 3.35 -14.07	61.81 3.60 -18.24	82.63 3.82 -35.38	169.53 3.83 -117.84	195.90 3.98 -139.58	201.68 4.16 -142.11	205.93 4.33 -146.19	146.64 3.62 -95.31	96.93 3.69 -52.70	44.71 3.36 -5.64
HOLTSVILLE_IC_6 23695	47.82 3.41 -15.95	46.69 3.03 -18.35	46.03 3.10 -17.29	45.44 2.97 -17.66	45.97 2.90 -18.51	46.16 3.28 -13.31	46.84 3.65 -6.36	48.00 4.30 -2.77	49.04 4.38 -2.58	49.01 4.18 -5.01	47.94 3.34 -7.03	49.56 3.42 -8.22	47.25 3.17 -8.44	52.93 3.37 -12.47	56.76 3.62 -14.22	62.27 3.88 -18.42	83.29 4.13 -35.73	178.46 4.16 -126.43	207.23 4.40 -150.49	213.41 4.60 -153.40	217.98 4.77 -157.80	154.38 4.01 -102.66	101.01 3.98 -56.50	45.01 3.60 -5.70
HOLTSVILLE_IC_7 23696	47.82 3.41 -15.95	46.69 3.03 -18.35	46.03 3.10 -17.29	45.44 2.97 -17.66	45.97 2.90 -18.51	46.16 3.28 -13.31	46.84 3.65 -6.36	48.00 4.30 -2.77	49.04 4.38 -2.58	49.01 4.18 -5.01	47.94 3.34 -7.03	49.56 3.42 -8.22	47.25 3.17 -8.44	52.93 3.37 -12.47	56.76 3.62 -14.22	62.27 3.88 -18.42	83.29 4.13 -35.73	178.46 4.16 -126.43	207.23 4.40 -150.49	213.41 4.60 -153.40	217.98 4.77 -157.80	154.38 4.01 -102.66	101.01 3.98 -56.50	45.01 3.60 -5.70
HOLTSVILLE_IC_8 23697	47.82 3.41 -15.95	46.69 3.03 -18.35	46.03 3.10 -17.29	45.44 2.97 -17.66	45.97 2.90 -18.51	46.16 3.28 -13.31	46.84 3.65 -6.36	48.00 4.30 -2.77	49.04 4.38 -2.58	49.01 4.18 -5.01	47.94 3.34 -7.03	49.56 3.42 -8.22	47.25 3.17 -8.44	52.93 3.37 -12.47	56.76 3.62 -14.22	62.27 3.88 -18.42	83.29 4.13 -35.73	178.46 4.16 -126.43	207.23 4.40 -150.49	213.41 4.60 -153.40	217.98 4.77 -157.80	154.38 4.01 -102.66	101.01 3.98 -56.50	45.01 3.60 -5.70
HOLTSVILLE_IC_9 23698	47.82 3.41 -15.95	46.69 3.03 -18.35	46.03 3.10 -17.29	45.44 2.97 -17.66	45.97 2.90 -18.51	46.16 3.28 -13.31	46.84 3.65 -6.36	48.00 4.30 -2.77	49.04 4.38 -2.58	49.01 4.18 -5.01	47.94 3.34 -7.03	49.56 3.42 -8.22	47.25 3.17 -8.44	52.93 3.37 -12.47	56.76 3.62 -14.22	62.27 3.88 -18.42	83.29 4.13 -35.73	178.46 4.16 -126.43	207.23 4.40 -150.49	213.41 4.60 -153.40	217.98 4.77 -157.80	154.38 4.01 -102.66	101.01 3.98 -56.50	45.01 3.60 -5.70
HOMER_HL_115KV_TB2 355744	27.83 -0.63 0.00	24.77 -0.53 0.00	24.82 -0.82 0.00	24.03 -0.77 0.00	23.97 -0.59 0.00	28.83 -0.74 0.00	35.29 -1.55 0.00	38.96 -1.96 0.00	39.89 -2.19 0.00	37.66 -2.15 0.00	35.58 -1.99 0.00	35.92 -2.01 0.00	33.75 -1.89 0.00	35.34 -1.74 0.00	36.70 -2.22 0.00	37.97 -2.00 0.00	41.04 -2.39 0.00	45.47 -2.39 0.00	50.46 -1.88 0.00	53.92 -1.50 0.00	53.36 -2.05 0.00	45.71 -2.00 0.00	38.56 -1.99 0.00	34.39 -1.32 0.00
HOWARD_WT_PWR 323690	28.37 -0.09 0.00	25.25 -0.05 0.00	25.38 -0.26 0.00	24.60 -0.20 0.00	24.51 -0.05 0.00	29.60 0.03 0.00	36.46 -0.37 0.00	40.23 -0.70 0.00	40.86 -1.22 0.00	38.58 -1.23 0.00	36.33 -1.24 0.00	36.57 -1.36 0.00	34.36 -1.28 0.00	35.97 -1.11 0.00	37.52 -1.40 0.00	38.65 -1.32 0.00	41.87 -1.56 0.00	46.67 -1.19 0.00	51.77 -0.57 0.00	55.36 -0.06 0.00	54.81 -0.61 0.00	47.00 -0.71 0.00	39.61 -0.93 0.00	35.28 -0.43 0.00
HQ_GEN_CEDARS 23644	27.80 -0.65 0.00	24.67 -0.63 0.00	25.02 -0.62 0.00	24.21 -0.60 0.00	23.93 -0.64 0.00	28.98 -0.59 0.00	36.98 0.15 0.00	41.13 0.20 0.00	42.33 0.25 0.00	39.97 0.16 0.00	37.76 0.19 0.00	38.08 0.15 0.00	35.71 0.07 0.00	37.08 0.00 0.00	39.00 0.08 0.00	39.97 0.00 0.00	43.56 0.13 0.00	47.91 0.05 0.00	52.50 0.16 0.00	55.53 0.11 0.00	55.64 0.22 0.00	47.90 0.19 0.00	41.03 0.49 0.00	35.92 0.21 0.00
HQ_GEN_CEDARS_PROXY 323590	27.80 -0.65 0.00	24.67 -0.63 0.00	25.02 -0.62 0.00	24.21 -0.60 0.00	23.93 -0.64 0.00	28.91 -0.59 0.07	36.94 0.04 -0.07	41.13 0.21 0.00	42.34 0.25 0.00	39.97 0.16 0.00	37.76 0.19 0.00	38.08 0.15 0.00	35.71 0.07 0.00	37.08 0.00 0.00	38.96 0.04 0.00	40.01 0.04 0.00	43.56 0.13 0.00	47.91 0.05 0.00	52.50 0.16 0.00	55.53 0.11 0.00	55.64 0.22 0.00	47.90 0.19 0.00	41.03 0.49 0.00	35.92 0.22 0.00

HQ_GEN_IMPORT 323601	28.03 -0.43 0.00	24.89 -0.41 0.00	25.26 -0.38 0.00	24.43 -0.37 0.00	24.17 -0.39 0.00	19.80 -0.35 9.42	46.21 -0.04 -9.42	40.97 0.04 0.00	42.17 0.08 0.00	39.85 0.04 0.00	37.57 0.00 0.00	37.93 0.00 0.00	35.61 -0.04 0.00	37.04 -0.04 0.00	38.88 -0.04 0.00	39.93 -0.04 0.00	43.43 0.00 0.00	47.86 0.00 0.00	52.45 0.10 0.00	55.47 0.06 0.00	55.47 0.06 0.00	47.81 0.10 0.00	40.62 0.08 0.00	35.74 0.04 0.00
HQ_GEN_WHEEL 23651	28.03 -0.43 0.00	24.89 -0.41 0.00	25.26 -0.38 0.00	24.43 -0.37 0.00	24.17 -0.39 0.00	19.80 -0.35 9.42	46.21 -0.04 -9.42	40.97 0.04 0.00	42.17 0.08 0.00	39.85 0.04 0.00	37.57 0.00 0.00	37.93 0.00 0.00	35.61 -0.04 0.00	37.04 -0.04 0.00	38.88 -0.04 0.00	39.93 -0.04 0.00	43.43 0.00 0.00	47.86 0.00 0.00	52.45 0.10 0.00	55.47 0.06 0.00	55.47 0.06 0.00	47.81 0.10 0.00	40.62 0.08 0.00	35.74 0.04 0.00
HUDSON AVE_GT_3 23810	30.84 2.39 0.00	27.40 2.10 0.00	27.84 2.20 0.00	26.91 2.11 0.00	26.58 2.01 0.00	31.76 2.19 0.00	39.15 2.32 0.00	43.88 2.95 0.00	45.20 3.11 0.00	42.96 3.15 0.00	40.61 3.04 0.00	41.04 3.11 0.00	38.56 2.92 0.00	40.16 3.08 0.00	42.27 3.35 0.00	43.57 3.60 0.00	47.25 3.82 0.00	51.65 3.78 0.00	56.06 3.72 0.00	59.24 3.82 0.00	59.40 3.99 0.00	51.05 3.34 0.00	43.50 2.96 0.00	38.17 2.46 0.00
HUDSON AVE_GT_4 23540	30.84 2.39 0.00	27.40 2.10 0.00	27.84 2.20 0.00	26.91 2.11 0.00	26.58 2.01 0.00	31.76 2.19 0.00	39.15 2.32 0.00	43.88 2.95 0.00	45.20 3.11 0.00	42.96 3.15 0.00	40.61 3.04 0.00	41.04 3.11 0.00	38.56 2.92 0.00	40.16 3.08 0.00	42.27 3.35 0.00	43.57 3.60 0.00	47.25 3.82 0.00	51.65 3.78 0.00	56.06 3.72 0.00	59.24 3.82 0.00	59.40 3.99 0.00	51.05 3.34 0.00	43.50 2.96 0.00	38.17 2.46 0.00
HUDSON AVE_GT_5 23657	30.84 2.39 0.00	27.40 2.10 0.00	27.84 2.20 0.00	26.91 2.11 0.00	26.58 2.01 0.00	31.76 2.19 0.00	39.15 2.32 0.00	43.88 2.95 0.00	45.20 3.11 0.00	42.96 3.15 0.00	40.61 3.04 0.00	41.04 3.11 0.00	38.56 2.92 0.00	40.16 3.08 0.00	42.27 3.35 0.00	43.57 3.60 0.00	47.25 3.82 0.00	51.65 3.78 0.00	56.06 3.72 0.00	59.24 3.82 0.00	59.40 3.99 0.00	51.05 3.34 0.00	43.50 2.96 0.00	38.17 2.46 0.00
HUDSON_AVE_10 24168	30.70 2.25 0.00	27.25 1.95 0.00	27.72 2.08 0.00	26.79 1.98 0.00	26.43 1.87 0.00	31.64 2.07 0.00	39.01 2.17 0.00	43.67 2.74 0.00	45.03 2.95 0.00	42.84 3.03 0.00	40.46 2.89 0.00	40.89 2.96 0.00	38.42 2.78 0.00	40.01 2.93 0.00	42.24 3.23 -0.09	43.37 3.40 0.00	47.03 3.60 0.00	51.41 3.54 0.00	55.80 3.45 0.00	59.02 3.60 0.00	59.18 3.77 0.00	50.86 3.15 0.00	43.34 2.80 0.00	38.03 2.32 0.00
HUDSON___115KV_TB 4 355613	29.59 1.14 0.00	26.34 1.04 0.00	26.72 1.08 0.00	25.84 1.04 0.00	25.57 1.01 0.00	30.64 1.06 0.00	37.94 1.10 0.00	41.99 1.06 0.00	43.13 1.05 0.00	40.65 0.84 0.00	38.25 0.68 0.00	38.54 0.61 0.00	36.28 0.64 0.00	37.75 0.67 0.00	39.66 0.74 0.00	40.85 0.88 0.00	44.56 1.13 0.00	49.20 1.34 0.00	53.81 1.47 0.00	57.08 1.66 0.00	57.13 1.72 0.00	49.19 1.48 0.00	41.96 1.42 0.00	36.85 1.14 0.00
HUNTER MOUNT___DRP 323613	29.93 1.48 0.00	26.64 1.34 0.00	27.00 1.36 0.00	26.14 1.34 0.00	25.87 1.30 0.00	30.96 1.39 0.00	38.34 1.51 0.00	42.61 1.68 0.00	43.76 1.68 0.00	41.05 1.23 0.00	38.58 1.01 0.00	38.84 0.91 0.00	36.53 0.89 0.00	37.97 0.89 0.00	39.89 0.97 0.00	41.17 1.20 0.00	44.56 1.13 0.00	49.25 1.39 0.00	53.91 1.57 0.00	57.24 1.83 0.00	57.41 1.99 0.00	49.38 1.67 0.00	42.08 1.54 0.00	36.99 1.29 0.00
HUNTINGTON_RES_REC 323705	47.36 2.96 -15.95	46.31 2.66 -18.35	45.70 2.77 -17.29	45.12 2.66 -17.66	45.65 2.58 -18.51	45.74 2.87 -13.31	46.36 3.17 -6.36	47.38 3.69 -2.77	48.42 3.74 -2.60	48.44 3.58 -5.05	47.38 2.74 -7.07	49.05 2.85 -8.27	46.77 2.64 -8.49	52.45 2.82 -12.55	56.20 3.00 -14.28	61.75 3.24 -18.54	82.77 3.52 -35.83	-16.96 3.59 68.42	-43.48 3.82 99.64	-46.53 3.99 105.94	-49.41 4.16 108.98	-14.35 3.48 65.54	14.62 3.57 29.49	44.52 3.22 -5.60
HUNTLEY___63 23557	27.26 -1.20 0.00	24.29 -1.01 0.00	24.41 -1.23 0.00	23.64 -1.17 0.00	23.53 -1.03 0.00	28.27 -1.30 0.00	34.36 -2.47 0.00	37.70 -3.23 0.00	38.67 -3.41 0.00	36.39 -3.42 0.00	34.41 -3.16 0.00	34.78 -3.15 0.00	32.75 -2.89 0.00	34.26 -2.82 0.00	35.53 -3.39 0.00	36.73 -3.24 0.00	39.56 -3.87 0.00	43.84 -4.02 0.00	48.73 -3.61 0.00	51.98 -3.44 0.00	51.31 -4.10 0.00	44.18 -3.53 0.00	37.38 -3.16 0.00	33.57 -2.14 0.00
HUNTLEY___64 23558	27.26 -1.20 0.00	24.29 -1.01 0.00	24.41 -1.23 0.00	23.64 -1.17 0.00	23.53 -1.03 0.00	28.27 -1.30 0.00	34.36 -2.47 0.00	37.70 -3.23 0.00	38.67 -3.41 0.00	36.39 -3.42 0.00	34.41 -3.16 0.00	34.78 -3.15 0.00	32.75 -2.89 0.00	34.26 -2.82 0.00	35.53 -3.39 0.00	36.73 -3.24 0.00	39.56 -3.87 0.00	43.84 -4.02 0.00	48.73 -3.61 0.00	51.98 -3.44 0.00	51.31 -4.10 0.00	44.18 -3.53 0.00	37.38 -3.16 0.00	33.57 -2.14 0.00
HUNTLEY___65 23559	27.26 -1.20 0.00	24.29 -1.01 0.00	24.41 -1.23 0.00	23.64 -1.17 0.00	23.53 -1.03 0.00	28.27 -1.30 0.00	34.36 -2.47 0.00	37.70 -3.23 0.00	38.67 -3.41 0.00	36.39 -3.42 0.00	34.41 -3.16 0.00	34.78 -3.15 0.00	32.75 -2.89 0.00	34.26 -2.82 0.00	35.53 -3.39 0.00	36.73 -3.24 0.00	39.56 -3.87 0.00	43.84 -4.02 0.00	48.73 -3.61 0.00	51.98 -3.44 0.00	51.31 -4.10 0.00	44.18 -3.53 0.00	37.38 -3.16 0.00	33.57 -2.14 0.00
HUNTLEY___66 23560	27.26 -1.20 0.00	24.29 -1.01 0.00	24.41 -1.23 0.00	23.64 -1.17 0.00	23.53 -1.03 0.00	28.27 -1.30 0.00	34.36 -2.47 0.00	37.70 -3.23 0.00	38.67 -3.41 0.00	36.39 -3.42 0.00	34.41 -3.16 0.00	34.78 -3.15 0.00	32.75 -2.89 0.00	34.26 -2.82 0.00	35.53 -3.39 0.00	36.73 -3.24 0.00	39.56 -3.87 0.00	43.84 -4.02 0.00	48.73 -3.61 0.00	51.98 -3.44 0.00	51.31 -4.10 0.00	44.18 -3.53 0.00	37.38 -3.16 0.00	33.57 -2.14 0.00
HUNTLEY___67 23561	27.20 -1.25 0.00	24.21 -1.09 0.00	24.33 -1.31 0.00	23.56 -1.24 0.00	23.48 -1.08 0.00	28.18 -1.39 0.00	34.33 -2.50 0.00	37.61 -3.32 0.00	38.55 -3.53 0.00	36.31 -3.50 0.00	34.34 -3.23 0.00	34.67 -3.26 0.00	32.68 -2.96 0.00	34.19 -2.89 0.00	35.42 -3.50 0.00	36.61 -3.36 0.00	39.43 -4.00 0.00	43.65 -4.21 0.00	48.52 -3.82 0.00	51.70 -3.71 0.00	51.09 -4.32 0.00	43.99 -3.72 0.00	37.18 -3.37 0.00	33.46 -2.25 0.00
HUNTLEY___68 23562	27.20 -1.25 0.00	24.21 -1.09 0.00	24.33 -1.31 0.00	23.56 -1.24 0.00	23.48 -1.08 0.00	28.18 -1.39 0.00	34.33 -2.50 0.00	37.61 -3.32 0.00	38.55 -3.53 0.00	36.31 -3.50 0.00	34.34 -3.23 0.00	34.67 -3.26 0.00	32.68 -2.96 0.00	34.19 -2.89 0.00	35.42 -3.50 0.00	36.61 -3.36 0.00	39.43 -4.00 0.00	43.65 -4.21 0.00	48.52 -3.82 0.00	51.70 -3.71 0.00	51.09 -4.32 0.00	43.99 -3.72 0.00	37.18 -3.37 0.00	33.46 -2.25 0.00

HYLAND___LFGE 323620	28.91 0.45 0.00	25.70 0.40 0.00	25.97 0.33 0.00	25.10 0.30 0.00	25.01 0.44 0.00	30.22 0.65 0.00	37.02 0.19 0.00	40.60 -0.33 0.00	40.95 -1.13 0.00	38.26 -1.55 0.00	35.88 -1.69 0.00	35.84 -2.09 0.00	33.72 -1.93 0.00	35.34 -1.74 0.00	37.01 -1.91 0.00	38.09 -1.88 0.00	40.17 -3.26 0.00	45.37 -2.49 0.00	50.88 -1.47 0.00	54.91 -0.50 0.00	54.36 -1.05 0.00	46.71 -1.00 0.00	40.58 0.04 0.00	35.92 0.22 0.00
INDECK___CORINTH 23802	29.87 1.42 0.00	26.54 1.24 0.00	26.97 1.33 0.00	26.07 1.26 0.00	25.82 1.25 0.00	31.02 1.45 0.00	38.82 1.99 0.00	43.34 2.41 0.00	44.56 2.48 0.00	41.80 1.99 0.00	39.34 1.77 0.00	39.75 1.82 0.00	37.46 1.82 0.00	38.93 1.85 0.00	40.86 1.95 0.00	42.09 2.12 0.00	45.90 2.47 0.00	50.40 2.54 0.00	55.11 2.77 0.00	58.46 3.05 0.00	58.52 3.10 0.00	50.29 2.57 0.00	42.73 2.19 0.00	37.42 1.71 0.00
INDECK___ILION 23567	28.34 -0.11 0.00	25.22 -0.08 0.00	25.56 -0.08 0.00	24.75 -0.05 0.00	24.54 -0.02 0.00	29.54 -0.03 0.00	36.72 -0.11 0.00	40.85 -0.08 0.00	42.04 -0.04 0.00	39.81 0.00 0.00	37.61 0.04 0.00	38.00 0.08 0.00	35.71 0.07 0.00	37.15 0.07 0.00	39.00 0.08 0.00	40.09 0.12 0.00	43.56 0.13 0.00	48.01 0.14 0.00	52.45 0.10 0.00	55.58 0.17 0.00	55.58 0.17 0.00	47.85 0.14 0.00	40.62 0.08 0.00	35.78 0.07 0.00
INDECK___OLEAN 23982	27.83 -0.63 0.00	24.77 -0.53 0.00	24.82 -0.82 0.00	24.03 -0.77 0.00	23.97 -0.59 0.00	28.86 -0.71 0.00	35.32 -1.51 0.00	38.97 -1.96 0.00	39.89 -2.19 0.00	37.74 -2.07 0.00	35.66 -1.91 0.00	35.92 -2.01 0.00	33.79 -1.85 0.00	35.34 -1.74 0.00	36.82 -2.10 0.00	37.97 -2.00 0.00	41.04 -2.39 0.00	45.47 -2.39 0.00	50.46 -1.88 0.00	53.92 -1.49 0.00	53.31 -2.11 0.00	45.71 -2.00 0.00	38.56 -1.99 0.00	34.39 -1.32 0.00
INDECK___OSWEGO 23783	27.94 -0.51 0.00	24.84 -0.45 0.00	25.15 -0.49 0.00	24.33 -0.47 0.00	24.15 -0.42 0.00	29.04 -0.53 0.00	35.91 -0.92 0.00	39.74 -1.19 0.00	40.73 -1.35 0.00	38.54 -1.28 0.00	36.44 -1.13 0.00	36.75 -1.18 0.00	34.54 -1.11 0.00	35.97 -1.11 0.00	37.71 -1.21 0.00	38.65 -1.32 0.00	41.95 -1.48 0.00	46.33 -1.53 0.00	50.77 -1.57 0.00	53.92 -1.49 0.00	53.81 -1.61 0.00	46.28 -1.43 0.00	39.24 -1.30 0.00	34.67 -1.04 0.00
INDECK___YERKES 23781	27.29 -1.17 0.00	24.31 -0.99 0.00	24.43 -1.20 0.00	23.64 -1.17 0.00	23.56 -1.01 0.00	28.33 -1.24 0.00	34.44 -2.39 0.00	37.70 -3.23 0.00	38.71 -3.37 0.00	36.63 -3.19 0.00	34.64 -2.93 0.00	34.82 -3.11 0.00	32.79 -2.85 0.00	34.34 -2.74 0.00	35.77 -3.15 0.00	36.77 -3.20 0.00	39.61 -3.82 0.00	43.89 -3.97 0.00	48.78 -3.56 0.00	52.03 -3.38 0.00	51.37 -4.04 0.00	44.23 -3.48 0.00	37.42 -3.12 0.00	33.60 -2.11 0.00
INDIAN POINT_GT_1 24139	30.44 1.99 0.00	27.07 1.77 0.00	27.49 1.85 0.00	26.56 1.76 0.00	26.26 1.69 0.00	31.40 1.83 0.00	38.71 1.88 0.00	43.30 2.37 0.00	44.61 2.52 0.00	42.36 2.55 0.00	40.05 2.48 0.00	40.43 2.50 0.00	37.99 2.35 0.00	39.56 2.48 0.00	41.64 2.72 0.00	42.89 2.92 0.00	46.56 3.13 0.00	50.98 3.11 0.00	55.43 3.09 0.00	58.63 3.21 0.00	58.79 3.38 0.00	50.48 2.77 0.00	43.02 2.47 0.00	37.71 2.00 0.00
INDIAN POINT_GT_2 23659	30.44 1.99 0.00	27.07 1.77 0.00	27.49 1.85 0.00	26.56 1.76 0.00	26.26 1.69 0.00	31.40 1.83 0.00	38.71 1.88 0.00	43.30 2.37 0.00	44.61 2.52 0.00	42.36 2.55 0.00	40.05 2.48 0.00	40.43 2.50 0.00	37.99 2.35 0.00	39.56 2.48 0.00	41.64 2.72 0.00	42.89 2.92 0.00	46.56 3.13 0.00	50.98 3.11 0.00	55.43 3.09 0.00	58.63 3.21 0.00	58.79 3.38 0.00	50.48 2.77 0.00	43.02 2.47 0.00	37.71 2.00 0.00
INDIAN POINT_GT_3 24019	30.44 1.99 0.00	27.07 1.77 0.00	27.49 1.85 0.00	26.56 1.76 0.00	26.26 1.69 0.00	31.40 1.83 0.00	38.71 1.88 0.00	43.30 2.37 0.00	44.61 2.52 0.00	42.36 2.55 0.00	40.05 2.48 0.00	40.43 2.50 0.00	37.99 2.35 0.00	39.56 2.48 0.00	41.64 2.72 0.00	42.89 2.92 0.00	46.56 3.13 0.00	50.98 3.11 0.00	55.43 3.09 0.00	58.63 3.21 0.00	58.79 3.38 0.00	50.48 2.77 0.00	43.02 2.47 0.00	37.71 2.00 0.00
INDIAN POINT___2 23530	30.44 1.99 0.00	27.04 1.74 0.00	27.46 1.82 0.00	26.56 1.76 0.00	26.24 1.67 0.00	31.37 1.80 0.00	38.75 1.91 0.00	43.30 2.37 0.00	44.61 2.52 0.00	42.32 2.51 0.00	39.98 2.41 0.00	40.43 2.50 0.00	37.96 2.32 0.00	39.56 2.48 0.00	41.57 2.65 0.00	42.89 2.92 0.00	46.51 3.08 0.00	50.93 3.07 0.00	55.38 3.03 0.00	58.57 3.16 0.00	58.74 3.32 0.00	50.48 2.77 0.00	42.97 2.43 0.00	37.71 2.00 0.00
INDIAN POINT___3 23531	30.42 1.96 0.00	27.04 1.75 0.00	27.46 1.82 0.00	26.54 1.74 0.00	26.23 1.67 0.00	31.37 1.80 0.00	38.71 1.88 0.00	43.26 2.33 0.00	44.56 2.48 0.00	42.32 2.51 0.00	39.97 2.40 0.00	40.39 2.47 0.00	37.96 2.32 0.00	39.53 2.45 0.00	41.57 2.65 0.00	42.85 2.88 0.00	46.47 3.04 0.00	50.93 3.06 0.00	55.32 2.98 0.00	58.57 3.16 0.00	58.68 3.27 0.00	50.43 2.72 0.00	42.98 2.43 0.00	37.67 1.96 0.00
INGHAM_C_115KV_TB7 356103	27.97 -0.48 0.00	24.89 -0.40 0.00	25.28 -0.36 0.00	24.48 -0.32 0.00	24.29 -0.27 0.00	29.27 -0.30 0.00	36.43 -0.41 0.00	40.52 -0.41 0.00	41.83 -0.25 0.00	39.62 -0.20 0.00	37.42 -0.15 0.00	37.89 -0.04 0.00	35.61 -0.04 0.00	37.04 -0.04 0.00	38.88 -0.04 0.00	39.93 -0.04 0.00	43.43 0.00 0.00	47.86 0.00 0.00	52.34 0.00 0.00	55.47 0.06 0.00	55.47 0.06 0.00	47.71 0.00 0.00	40.50 -0.04 0.00	35.64 -0.07 0.00
IP CORINTH___1 23988	29.88 1.42 0.00	26.54 1.24 0.00	26.97 1.33 0.00	26.07 1.26 0.00	25.82 1.25 0.00	31.02 1.45 0.00	38.82 1.99 0.00	43.34 2.41 0.00	44.56 2.48 0.00	41.80 1.99 0.00	39.34 1.77 0.00	39.75 1.82 0.00	37.46 1.82 0.00	38.93 1.85 0.00	40.90 1.98 0.00	42.09 2.12 0.00	45.90 2.48 0.00	50.40 2.54 0.00	55.12 2.77 0.00	58.46 3.05 0.00	58.52 3.10 0.00	50.33 2.62 0.00	42.73 2.19 0.00	37.42 1.71 0.00
IP___TICONDEROGA 23804	30.53 2.08 0.00	27.09 1.80 0.00	27.54 1.90 0.00	26.64 1.84 0.00	26.38 1.82 0.00	31.76 2.19 0.00	39.74 2.91 0.00	44.41 3.48 0.00	45.57 3.49 0.00	42.48 2.67 0.00	39.94 2.37 0.00	40.32 2.39 0.00	38.03 2.39 0.00	39.49 2.41 0.00	41.49 2.57 0.00	42.77 2.80 0.00	46.82 3.39 0.00	51.69 3.83 0.00	56.84 4.50 0.00	60.57 5.15 0.00	60.57 5.15 0.00	51.96 4.25 0.00	44.03 3.49 0.00	38.46 2.75 0.00
ISLIP_RES_REC 323679	47.93 3.53 -15.95	46.76 3.11 -18.35	46.11 3.18 -17.29	45.52 3.05 -17.66	46.04 2.97 -18.51	46.25 3.37 -13.31	46.99 3.79 -6.36	48.16 4.46 -2.77	49.27 4.59 -2.60	49.24 4.38 -5.04	48.17 3.53 -7.07	49.80 3.61 -8.27	47.48 3.35 -8.49	53.23 3.60 -12.55	57.08 3.85 -14.31	62.59 4.08 -18.54	83.76 4.38 -35.95	168.53 4.45 -116.21	194.30 4.66 -137.30	200.00 4.88 -139.70	204.17 5.04 -143.72	145.75 4.24 -93.80	96.71 4.18 -51.99	45.22 3.78 -5.73

JAMAICA__27_KV_LOAD 355505	30.73 2.28 0.00	27.27 1.97 0.00	27.74 2.10 0.00	26.81 2.01 0.00	26.46 1.89 0.00	31.73 2.16 0.00	39.15 2.32 0.00	43.84 2.91 0.00	45.20 3.11 0.00	43.04 3.22 0.00	40.65 3.08 0.00	41.04 3.11 0.00	38.56 2.92 0.00	40.16 3.08 0.00	42.46 3.42 -0.11	43.53 3.56 0.00	47.25 3.82 0.00	51.60 3.73 0.00	56.06 3.72 0.00	59.29 3.88 0.00	59.46 4.05 0.00	51.00 3.29 0.00	43.50 2.96 0.00	38.17 2.46 0.00
JANIS__SOLAR 323808	29.65 1.19 0.00	26.41 1.11 0.00	26.67 1.03 0.00	25.80 0.99 0.00	25.64 1.08 0.00	30.96 1.39 0.00	38.38 1.55 0.00	42.40 1.47 0.00	43.26 1.18 0.00	40.57 0.75 0.00	38.17 0.60 0.00	38.50 0.57 0.00	36.03 0.39 0.00	37.53 0.45 0.00	39.35 0.43 0.00	40.57 0.60 0.00	44.34 0.91 0.00	49.49 1.63 0.00	54.75 2.41 0.00	58.52 3.10 0.00	58.35 2.93 0.00	50.00 2.29 0.00	42.00 1.46 0.00	36.99 1.28 0.00
JARVIS____ 23743	28.57 0.11 0.00	25.40 0.10 0.00	25.77 0.13 0.00	24.93 0.12 0.00	24.69 0.12 0.00	29.69 0.12 0.00	36.87 0.04 0.00	40.93 0.00 0.00	42.08 0.00 0.00	39.81 0.00 0.00	37.61 0.04 0.00	37.97 0.04 0.00	35.68 0.04 0.00	37.12 0.04 0.00	38.96 0.04 0.00	40.01 0.04 0.00	43.47 0.04 0.00	47.91 0.05 0.00	52.34 0.00 0.00	55.47 0.06 0.00	55.47 0.06 0.00	47.76 0.05 0.00	40.54 0.00 0.00	35.74 0.04 0.00
JENNISON____1 23625	29.73 1.28 0.00	26.49 1.19 0.00	26.77 1.13 0.00	25.89 1.09 0.00	25.74 1.18 0.00	31.05 1.48 0.00	38.45 1.62 0.00	42.61 1.68 0.00	43.72 1.64 0.00	41.17 1.35 0.00	38.88 1.31 0.00	39.29 1.37 0.00	36.82 1.18 0.00	38.34 1.26 0.00	40.20 1.28 0.00	41.45 1.48 0.00	45.12 1.69 0.00	50.07 2.20 0.00	55.12 2.77 0.00	58.68 3.27 0.00	58.57 3.16 0.00	50.24 2.53 0.00	42.25 1.70 0.00	37.17 1.46 0.00
JENNISON____2 23626	29.73 1.28 0.00	26.49 1.19 0.00	26.77 1.13 0.00	25.89 1.09 0.00	25.74 1.18 0.00	31.05 1.48 0.00	38.45 1.62 0.00	42.61 1.68 0.00	43.72 1.64 0.00	41.17 1.35 0.00	38.88 1.31 0.00	39.29 1.37 0.00	36.82 1.18 0.00	38.34 1.26 0.00	40.20 1.28 0.00	41.45 1.48 0.00	45.12 1.69 0.00	50.07 2.20 0.00	55.12 2.77 0.00	58.68 3.27 0.00	58.57 3.16 0.00	50.24 2.53 0.00	42.25 1.70 0.00	37.17 1.46 0.00
JERICOHO_RISE_WT_PWR 323719	27.91 -0.54 0.00	24.79 -0.51 0.00	25.15 -0.49 0.00	24.36 -0.45 0.00	24.07 -0.49 0.00	29.16 -0.41 0.00	36.87 0.04 0.00	41.18 0.25 0.00	42.42 0.34 0.00	40.09 0.28 0.00	37.83 0.26 0.00	38.16 0.23 0.00	35.79 0.14 0.00	37.15 0.07 0.00	39.08 0.16 0.00	40.09 0.12 0.00	43.69 0.26 0.00	48.29 0.43 0.00	52.92 0.58 0.00	55.97 0.55 0.00	55.97 0.55 0.00	48.14 0.43 0.00	40.95 0.41 0.00	35.89 0.18 0.00
KATONAH__115KV_46KV_TB4 355592	30.53 2.08 0.00	27.12 1.82 0.00	27.56 1.92 0.00	26.64 1.84 0.00	26.33 1.77 0.00	31.52 1.95 0.00	38.86 2.03 0.00	43.47 2.54 0.00	44.82 2.74 0.00	42.56 2.75 0.00	40.24 2.67 0.00	40.66 2.73 0.00	38.14 2.49 0.00	39.75 2.67 0.00	41.84 2.92 0.00	43.09 3.12 0.00	46.77 3.34 0.00	51.21 3.35 0.00	55.69 3.35 0.00	58.85 3.44 0.00	59.07 3.66 0.00	50.72 3.01 0.00	43.18 2.64 0.00	37.85 2.14 0.00
KCE_NY_1 323755	29.93 1.48 0.00	26.61 1.31 0.00	27.02 1.38 0.00	26.12 1.31 0.00	25.87 1.30 0.00	31.02 1.45 0.00	38.78 1.95 0.00	43.18 2.25 0.00	44.44 2.36 0.00	41.76 1.95 0.00	39.34 1.77 0.00	39.75 1.82 0.00	37.46 1.82 0.00	38.97 1.89 0.00	40.86 1.95 0.00	42.05 2.08 0.00	45.82 2.39 0.00	50.11 2.25 0.00	54.75 2.41 0.00	58.02 2.61 0.00	58.07 2.66 0.00	49.95 2.24 0.00	42.57 2.03 0.00	37.35 1.64 0.00
KCE_NY_6_ESR 323823	27.51 -0.94 0.00	24.46 -0.83 0.00	24.59 -1.05 0.00	23.81 -0.99 0.00	23.73 -0.84 0.00	28.57 -1.01 0.00	34.81 -2.03 0.00	38.19 -2.74 0.00	39.18 -2.90 0.00	37.03 -2.79 0.00	35.01 -2.56 0.00	35.24 -2.69 0.00	33.18 -2.46 0.00	34.71 -2.37 0.00	36.16 -2.76 0.00	37.21 -2.76 0.00	40.13 -3.30 0.00	44.47 -3.40 0.00	49.41 -2.93 0.00	52.70 -2.71 0.00	52.09 -3.32 0.00	44.75 -2.96 0.00	37.83 -2.72 0.00	33.92 -1.78 0.00
KEDC PORT_JEFF_GT2 24210	47.76 3.36 -15.95	46.64 2.98 -18.35	46.01 3.08 -17.29	45.42 2.95 -17.66	45.94 2.87 -18.51	46.13 3.25 -13.31	46.77 3.57 -6.36	47.92 4.22 -2.77	48.95 4.29 -2.57	48.91 4.10 -5.00	47.84 3.27 -7.01	49.46 3.34 -8.19	47.15 3.10 -8.41	52.81 3.30 -12.43	56.63 3.54 -14.17	62.01 3.68 -18.36	83.01 3.95 -35.63	191.45 3.97 -139.62	223.92 4.13 -167.45	230.77 4.38 -170.98	235.85 4.54 -175.89	165.54 3.77 -114.06	106.66 3.81 -62.31	44.97 3.57 -5.69
KEDC PORT_JEFF_GT3 24211	47.76 3.36 -15.95	46.64 2.98 -18.35	46.01 3.08 -17.29	45.42 2.95 -17.66	45.94 2.87 -18.51	46.13 3.25 -13.31	46.77 3.57 -6.36	47.92 4.22 -2.77	48.95 4.29 -2.57	48.91 4.10 -5.00	47.84 3.27 -7.01	49.46 3.34 -8.19	47.15 3.10 -8.41	52.81 3.30 -12.43	56.63 3.54 -14.17	62.01 3.68 -18.36	83.01 3.95 -35.63	191.45 3.97 -139.62	223.92 4.13 -167.45	230.77 4.38 -170.98	235.85 4.54 -175.89	165.54 3.77 -114.06	106.66 3.81 -62.31	44.97 3.57 -5.69
KEDC_GLWD_GT4 24219	47.02 2.62 -15.95	45.95 2.30 -18.35	45.32 2.38 -17.29	44.77 2.31 -17.66	45.28 2.21 -18.51	45.30 2.43 -13.31	45.88 2.69 -6.36	46.93 3.23 -2.77	49.96 3.41 -4.47	51.85 3.34 -8.69	52.76 3.01 -12.18	55.29 3.11 -14.25	53.19 2.92 -14.63	61.79 3.08 -21.63	67.08 3.27 -24.89	75.42 3.52 -31.93	109.00 3.78 -61.80	70.96 3.78 -19.31	60.57 3.82 -4.40	59.42 3.99 -0.02	59.59 4.16 -0.02	56.67 3.48 -5.48	53.48 3.20 -9.73	48.19 2.75 -9.73
KEDC_GLWD_GT5 24220	47.02 2.62 -15.95	45.95 2.30 -18.35	45.32 2.38 -17.29	44.77 2.31 -17.66	45.28 2.21 -18.51	45.30 2.43 -13.31	45.88 2.69 -6.36	46.93 3.23 -2.77	49.96 3.41 -4.47	51.85 3.34 -8.69	52.76 3.01 -12.18	55.29 3.11 -14.25	53.19 2.92 -14.63	61.79 3.08 -21.63	67.08 3.27 -24.89	75.42 3.52 -31.93	109.00 3.78 -61.80	70.96 3.78 -19.31	60.57 3.82 -4.40	59.42 3.99 -0.02	59.59 4.16 -0.02	56.67 3.48 -5.48	53.48 3.20 -9.73	48.19 2.75 -9.73
KENSICO____ 23655	30.59 2.13 0.00	27.17 1.87 0.00	27.61 1.97 0.00	26.69 1.88 0.00	26.36 1.79 0.00	31.52 1.95 0.00	38.89 2.06 0.00	43.51 2.58 0.00	44.82 2.74 0.00	42.56 2.75 0.00	40.24 2.67 0.00	40.62 2.69 0.00	38.17 2.53 0.00	39.75 2.67 0.00	41.84 2.92 0.00	43.09 3.12 0.00	46.77 3.34 0.00	51.17 3.30 0.00	55.64 3.30 0.00	58.85 3.44 0.00	58.96 3.55 0.00	50.67 2.96 0.00	43.18 2.64 0.00	37.89 2.18 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	30.50 2.05 0.00	27.12 1.82 0.00	27.49 1.85 0.00	26.59 1.79 0.00	26.31 1.74 0.00	31.46 1.89 0.00	38.86 2.03 0.00	43.47 2.54 0.00	44.77 2.69 0.00	42.32 2.51 0.00	39.97 2.40 0.00	40.32 2.39 0.00	37.85 2.21 0.00	39.42 2.34 0.00	41.49 2.57 0.00	42.85 2.88 0.00	46.64 3.21 0.00	51.17 3.30 0.00	55.80 3.45 0.00	59.24 3.82 0.00	59.46 4.05 0.00	51.00 3.29 0.00	43.34 2.80 0.00	37.96 2.25 0.00

KIAC_JFK_GT1 23816	30.59 2.13 0.00	27.14 1.85 0.00	27.61 1.97 0.00	26.66 1.86 0.00	26.33 1.77 0.00	31.58 2.01 0.00	38.97 2.14 0.00	43.47 2.54 0.00	44.82 2.74 0.00	42.84 3.03 0.00	40.43 2.86 0.00	40.85 2.92 0.00	38.35 2.71 0.00	39.98 2.89 0.00	42.22 3.19 -0.11	43.17 3.20 0.00	46.82 3.39 0.00	51.17 3.30 0.00	55.53 3.19 0.00	58.74 3.32 0.00	58.91 3.49 0.00	50.57 2.86 0.00	43.10 2.55 0.00	37.96 2.25 0.00
KIAC_JFK_GT2 23817	30.59 2.13 0.00	27.14 1.85 0.00	27.61 1.97 0.00	26.66 1.86 0.00	26.33 1.77 0.00	31.58 2.01 0.00	38.97 2.14 0.00	43.47 2.54 0.00	44.82 2.74 0.00	42.84 3.03 0.00	40.43 2.86 0.00	40.85 2.92 0.00	38.35 2.71 0.00	39.98 2.89 0.00	42.22 3.19 -0.11	43.17 3.20 0.00	46.82 3.39 0.00	51.17 3.30 0.00	55.53 3.19 0.00	58.74 3.32 0.00	58.91 3.49 0.00	50.57 2.86 0.00	43.10 2.55 0.00	37.96 2.25 0.00
KIAC_JFK____ 323774	30.56 2.11 0.00	27.14 1.85 0.00	27.61 1.97 0.00	26.66 1.86 0.00	26.33 1.77 0.00	31.55 1.98 0.00	39.00 2.17 0.00	43.47 2.54 0.00	44.81 2.73 0.00	42.52 2.71 0.00	40.39 2.82 0.00	40.85 2.92 0.00	38.35 2.71 0.00	39.98 2.89 0.00	41.91 2.88 -0.11	43.17 3.20 0.00	46.82 3.39 0.00	51.16 3.30 0.00	55.53 3.19 0.00	58.74 3.32 0.00	58.96 3.55 0.00	50.57 2.86 0.00	43.34 2.80 0.00	37.99 2.29 0.00
KINTIGH__24_KV_GSU 356498	27.26 -1.20 0.00	24.24 -1.06 0.00	24.41 -1.23 0.00	23.61 -1.19 0.00	23.53 -1.03 0.00	28.24 -1.33 0.00	34.47 -2.36 0.00	37.78 -3.15 0.00	38.67 -3.41 0.00	36.55 -3.26 0.00	34.53 -3.04 0.00	34.86 -3.07 0.00	32.86 -2.78 0.00	34.30 -2.78 0.00	35.65 -3.27 0.00	36.77 -3.20 0.00	39.61 -3.82 0.00	43.89 -3.97 0.00	48.63 -3.72 0.00	51.76 -3.66 0.00	51.20 -4.21 0.00	44.08 -3.63 0.00	37.30 -3.24 0.00	33.53 -2.18 0.00
KINTIGH____ 23543	27.26 -1.20 0.00	24.24 -1.06 0.00	24.41 -1.23 0.00	23.61 -1.19 0.00	23.53 -1.03 0.00	28.24 -1.33 0.00	34.47 -2.36 0.00	37.78 -3.15 0.00	38.67 -3.41 0.00	36.55 -3.26 0.00	34.53 -3.04 0.00	34.86 -3.07 0.00	32.86 -2.78 0.00	34.30 -2.78 0.00	35.65 -3.27 0.00	36.77 -3.20 0.00	39.61 -3.82 0.00	43.89 -3.97 0.00	48.63 -3.72 0.00	51.76 -3.66 0.00	51.20 -4.21 0.00	44.08 -3.63 0.00	37.30 -3.24 0.00	33.53 -2.18 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	28.37 -0.09 0.00	25.15 -0.15 0.00	25.51 -0.13 0.00	24.70 -0.10 0.00	24.39 -0.17 0.00	29.57 0.00 0.00	37.46 0.63 0.00	41.75 0.82 0.00	42.96 0.88 0.00	40.57 0.76 0.00	38.32 0.75 0.00	38.65 0.72 0.00	36.25 0.61 0.00	37.64 0.56 0.00	39.54 0.62 0.00	40.57 0.60 0.00	44.25 0.83 0.00	49.11 1.24 0.00	53.86 1.52 0.00	56.97 1.55 0.00	56.91 1.50 0.00	48.90 1.19 0.00	41.56 1.01 0.00	36.39 0.68 0.00
LACHUTE____HYDRO 323717	30.53 2.08 0.00	27.09 1.80 0.00	27.54 1.90 0.00	26.64 1.84 0.00	26.38 1.82 0.00	31.76 2.19 0.00	39.78 2.95 0.00	44.41 3.48 0.00	45.57 3.49 0.00	42.48 2.67 0.00	39.94 2.37 0.00	40.32 2.39 0.00	38.03 2.39 0.00	39.49 2.41 0.00	41.49 2.57 0.00	42.77 2.80 0.00	46.82 3.39 0.00	51.69 3.83 0.00	56.84 4.50 0.00	60.57 5.15 0.00	60.57 5.15 0.00	51.96 4.24 0.00	44.03 3.49 0.00	38.46 2.75 0.00
LAWRNCV_115KV_TB1 80681	27.20 -1.25 0.00	24.13 -1.16 0.00	24.49 -1.15 0.00	23.71 -1.09 0.00	23.41 -1.15 0.00	28.42 -1.15 0.00	36.28 -0.55 0.00	40.36 -0.57 0.00	41.49 -0.59 0.00	39.22 -0.60 0.00	37.01 -0.56 0.00	37.32 -0.61 0.00	34.96 -0.68 0.00	36.26 -0.82 0.00	38.18 -0.74 0.00	39.17 -0.80 0.00	42.69 -0.74 0.00	47.10 -0.77 0.00	51.66 -0.68 0.00	54.69 -0.72 0.00	54.86 -0.55 0.00	47.19 -0.52 0.00	40.34 -0.20 0.00	35.28 -0.43 0.00
LEDERLE____ 23769	30.50 2.05 0.00	27.09 1.80 0.00	27.51 1.87 0.00	26.59 1.79 0.00	26.28 1.72 0.00	31.43 1.86 0.00	38.78 1.95 0.00	43.43 2.50 0.00	44.73 2.65 0.00	42.44 2.63 0.00	40.12 2.55 0.00	40.51 2.58 0.00	38.07 2.42 0.00	39.64 2.56 0.00	41.72 2.80 0.00	43.01 3.04 0.00	46.69 3.26 0.00	51.12 3.25 0.00	55.59 3.25 0.00	58.85 3.44 0.00	59.02 3.60 0.00	50.67 2.96 0.00	43.14 2.59 0.00	37.81 2.11 0.00
LIGHTHSE_115KV_TB6 355974	28.20 -0.26 0.00	25.07 -0.23 0.00	25.36 -0.28 0.00	24.53 -0.27 0.00	24.37 -0.20 0.00	29.30 -0.27 0.00	36.28 -0.55 0.00	40.15 -0.78 0.00	41.11 -0.97 0.00	38.90 -0.92 0.00	36.82 -0.75 0.00	37.13 -0.80 0.00	34.86 -0.78 0.00	36.26 -0.82 0.00	38.06 -0.86 0.00	39.05 -0.92 0.00	42.39 -1.04 0.00	46.95 -0.91 0.00	51.66 -0.68 0.00	54.92 -0.50 0.00	54.92 -0.50 0.00	47.14 -0.57 0.00	39.93 -0.61 0.00	35.21 -0.50 0.00
LINDEN COGEN____ 23786	30.70 2.25 0.00	27.24 1.95 0.00	27.71 2.08 0.00	26.79 1.98 0.00	26.43 1.87 0.00	31.61 2.04 0.00	39.00 2.17 0.00	43.67 2.74 0.01	44.62 2.94 0.41	41.88 2.90 0.84	39.21 2.82 1.18	39.78 2.96 1.11	36.90 2.74 1.49	38.76 2.93 1.25	40.83 3.11 1.21	42.14 3.36 1.19	46.36 3.56 0.63	51.35 3.49 0.00	55.69 3.35 0.00	58.91 3.49 0.00	59.07 3.66 0.00	50.81 3.10 0.00	42.40 2.76 0.90	38.02 2.32 0.01
LINDHRST_69_KV_BK1 356055	47.70 3.30 -15.95	46.54 2.88 -18.35	45.91 2.97 -17.29	45.32 2.85 -17.66	45.85 2.78 -18.51	46.01 3.13 -13.31	46.69 3.50 -6.36	47.87 4.17 -2.77	49.33 4.25 -3.00	49.78 4.14 -5.83	49.08 3.34 -8.17	50.82 3.34 -9.55	48.59 3.14 -9.81	54.84 3.26 -14.50	59.04 3.54 -16.58	65.14 3.76 -21.41	88.86 4.00 -41.44	75.28 4.02 -23.39	72.88 4.19 -16.35	73.70 4.38 -13.90	74.26 4.54 -14.30	64.22 3.82 -12.69	55.57 3.89 -11.14	45.74 3.50 -6.53
LIPA_MISC_IPP 23656	47.90 3.50 -15.95	46.71 3.06 -18.35	46.09 3.15 -17.29	45.49 3.03 -17.66	46.02 2.95 -18.51	46.22 3.34 -13.31	46.88 3.68 -6.36	48.08 4.38 -2.77	49.14 4.50 -2.56	49.13 4.34 -4.97	48.03 3.49 -6.97	49.61 3.53 -8.15	47.29 3.28 -8.37	52.90 3.45 -12.37	56.83 3.81 -14.09	62.28 4.04 -18.27	83.21 4.34 -35.44	171.95 4.40 -119.68	198.93 4.66 -141.93	204.88 4.93 -144.54	209.20 5.10 -148.69	148.85 4.25 -96.89	98.27 4.22 -53.51	45.15 3.79 -5.65
LISF____SOLAR 323691	47.96 3.56 -15.95	46.79 3.14 -18.35	46.14 3.20 -17.29	45.54 3.07 -17.66	46.07 3.00 -18.51	46.28 3.40 -13.31	46.99 3.79 -6.36	48.20 4.50 -2.77	49.27 4.63 -2.56	49.17 4.38 -4.98	48.08 3.53 -6.98	49.70 3.61 -8.17	47.38 3.35 -8.38	53.07 3.60 -12.39	56.89 3.85 -14.12	62.43 4.16 -18.30	83.41 4.47 -35.51	173.67 4.55 -121.26	201.08 4.81 -143.92	207.11 5.09 -146.60	211.49 5.27 -150.81	150.38 4.44 -98.23	99.09 4.34 -54.21	45.26 3.89 -5.66
LITTLE FALLS____HYD 24013	27.97 -0.48 0.00	24.89 -0.40 0.00	25.28 -0.36 0.00	24.48 -0.32 0.00	24.29 -0.27 0.00	29.27 -0.30 0.00	36.43 -0.41 0.00	40.52 -0.41 0.00	41.83 -0.25 0.00	39.62 -0.20 0.00	37.42 -0.15 0.00	37.89 -0.04 0.00	35.61 -0.04 0.00	37.04 -0.04 0.00	38.88 -0.04 0.00	39.93 -0.04 0.00	43.43 0.00 0.00	47.86 0.00 0.00	52.34 0.00 0.00	55.47 0.06 0.00	55.47 0.06 0.00	47.71 0.00 0.00	40.50 -0.04 0.00	35.64 -0.07 0.00

LITTLRIV_115KV_TB1 356100	27.49 -0.97 0.00	24.39 -0.91 0.00	24.72 -0.92 0.00	23.93 -0.87 0.00	23.66 -0.91 0.00	28.77 -0.80 0.00	36.76 -0.07 0.00	40.81 -0.12 0.00	41.87 -0.21 0.00	39.46 -0.36 0.00	37.23 -0.34 0.00	37.59 -0.34 0.00	35.14 -0.50 0.00	36.45 -0.63 0.00	38.41 -0.51 0.00	39.41 -0.56 0.00	43.04 -0.39 0.00	47.58 -0.29 0.00	52.39 0.05 0.00	55.53 0.11 0.00	55.75 0.33 0.00	47.90 0.19 0.00	40.87 0.32 0.00	35.71 0.00 0.00
LI_NEWBRDGE___DRP 323616	47.13 2.73 -15.95	46.08 2.43 -18.35	45.47 2.54 -17.29	44.90 2.43 -17.66	45.40 2.33 -18.51	45.48 2.60 -13.31	46.03 2.84 -6.36	47.10 3.40 -2.77	47.92 3.45 -2.38	47.87 3.42 -4.63	46.84 2.78 -6.49	48.33 2.81 -7.59	46.04 2.60 -7.80	51.34 2.74 -11.52	54.99 3.00 -13.08	60.19 3.20 -17.02	79.75 3.39 -32.93	61.55 3.40 -10.29	58.14 3.45 -2.35	59.02 3.60 -0.01	59.19 3.77 -0.01	53.78 3.15 -2.92	48.89 3.16 -5.19	43.72 2.82 -5.19
LOCKPORT_115KV_TB60_63_64 80432	26.92 -1.54 0.00	23.96 -1.34 0.00	24.10 -1.54 0.00	23.31 -1.49 0.00	23.24 -1.33 0.00	27.94 -1.63 0.00	34.00 -2.84 0.00	37.25 -3.68 0.00	38.17 -3.91 0.00	35.95 -3.86 0.00	33.96 -3.61 0.00	34.33 -3.60 0.00	32.29 -3.35 0.00	33.78 -3.30 0.00	35.03 -3.89 0.00	36.21 -3.76 0.00	39.00 -4.43 0.00	43.27 -4.59 0.00	48.15 -4.19 0.00	51.37 -4.05 0.00	50.70 -4.71 0.00	43.66 -4.06 0.00	36.93 -3.61 0.00	33.24 -2.46 0.00
LOCKPORT___CC1 323769	26.97 -1.48 0.00	23.98 -1.32 0.00	24.13 -1.51 0.00	23.36 -1.44 0.00	23.26 -1.30 0.00	28.00 -1.57 0.00	34.07 -2.76 0.00	37.29 -3.64 0.00	38.21 -3.87 0.00	36.11 -3.70 0.00	34.15 -3.42 0.00	34.32 -3.60 0.00	32.33 -3.31 0.00	33.82 -3.26 0.00	35.22 -3.70 0.00	36.26 -3.72 0.00	39.04 -4.38 0.00	43.27 -4.60 0.00	48.15 -4.19 0.00	51.37 -4.04 0.00	50.70 -4.71 0.00	43.65 -4.06 0.00	36.93 -3.61 0.00	33.24 -2.46 0.00
LOCKPORT___CC2 323770	26.97 -1.48 0.00	23.98 -1.32 0.00	24.13 -1.51 0.00	23.36 -1.44 0.00	23.26 -1.30 0.00	28.00 -1.57 0.00	34.07 -2.76 0.00	37.29 -3.64 0.00	38.21 -3.87 0.00	36.11 -3.70 0.00	34.15 -3.42 0.00	34.32 -3.60 0.00	32.33 -3.31 0.00	33.82 -3.26 0.00	35.22 -3.70 0.00	36.26 -3.72 0.00	39.04 -4.38 0.00	43.27 -4.60 0.00	48.15 -4.19 0.00	51.37 -4.04 0.00	50.70 -4.71 0.00	43.65 -4.06 0.00	36.93 -3.61 0.00	33.24 -2.46 0.00
LOCKPORT___CC3 323771	26.97 -1.48 0.00	23.98 -1.32 0.00	24.13 -1.51 0.00	23.36 -1.44 0.00	23.26 -1.30 0.00	28.00 -1.57 0.00	34.07 -2.76 0.00	37.29 -3.64 0.00	38.21 -3.87 0.00	36.11 -3.70 0.00	34.15 -3.42 0.00	34.32 -3.60 0.00	32.33 -3.31 0.00	33.82 -3.26 0.00	35.22 -3.70 0.00	36.26 -3.72 0.00	39.04 -4.38 0.00	43.27 -4.60 0.00	48.15 -4.19 0.00	51.37 -4.04 0.00	50.70 -4.71 0.00	43.65 -4.06 0.00	36.93 -3.61 0.00	33.24 -2.46 0.00
LOCUSVLY_69_KV_BK2 55797	47.19 2.79 -15.95	46.13 2.48 -18.35	45.50 2.56 -17.29	44.92 2.46 -17.66	45.43 2.36 -18.51	45.51 2.63 -13.31	46.07 2.87 -6.36	47.18 3.48 -2.77	49.67 3.62 -3.97	51.11 3.58 -7.72	51.47 3.08 -10.82	53.69 3.11 -12.65	51.55 2.92 -12.99	59.36 3.08 -19.20	64.31 3.35 -22.05	71.88 3.56 -28.35	102.12 3.82 -54.87	68.89 3.88 -17.15	60.18 3.93 -3.91	59.53 4.10 -0.01	59.70 4.27 -0.01	56.16 3.58 -4.87	52.63 3.45 -8.64	47.31 2.96 -8.64
LONG_LAKE_PHOENIX 24014	28.08 -0.37 0.00	24.99 -0.30 0.00	25.28 -0.36 0.00	24.46 -0.35 0.00	24.27 -0.29 0.00	29.19 -0.38 0.00	36.06 -0.77 0.00	39.95 -0.98 0.00	40.99 -1.09 0.00	38.74 -1.07 0.00	36.63 -0.94 0.00	36.94 -0.99 0.00	34.75 -0.89 0.00	36.15 -0.93 0.00	37.91 -1.01 0.00	38.89 -1.08 0.00	42.26 -1.17 0.00	46.67 -1.20 0.00	51.14 -1.20 0.00	54.31 -1.11 0.00	54.14 -1.27 0.00	46.52 -1.19 0.00	39.41 -1.14 0.00	34.85 -0.86 0.00
LOVETT___3 23632	30.39 1.93 0.00	27.02 1.72 0.00	27.43 1.79 0.00	26.51 1.71 0.00	26.21 1.65 0.00	31.34 1.77 0.00	38.67 1.84 0.00	43.22 2.29 0.00	44.52 2.44 0.00	42.28 2.47 0.00	39.97 2.40 0.00	40.36 2.43 0.00	37.92 2.28 0.00	39.49 2.41 0.00	41.53 2.61 0.00	42.81 2.84 0.00	46.47 3.04 0.00	50.88 3.02 0.00	55.27 2.93 0.00	58.52 3.10 0.00	58.68 3.27 0.00	50.38 2.67 0.00	42.93 2.39 0.00	37.67 1.96 0.00
LOVETT___4 23642	30.39 1.93 0.00	27.02 1.72 0.00	27.43 1.79 0.00	26.51 1.71 0.00	26.21 1.65 0.00	31.34 1.77 0.00	38.67 1.84 0.00	43.22 2.29 0.00	44.52 2.44 0.00	42.28 2.47 0.00	39.97 2.40 0.00	40.36 2.43 0.00	37.92 2.28 0.00	39.49 2.41 0.00	41.53 2.61 0.00	42.81 2.84 0.00	46.47 3.04 0.00	50.88 3.02 0.00	55.27 2.93 0.00	58.52 3.10 0.00	58.68 3.27 0.00	50.38 2.67 0.00	42.93 2.39 0.00	37.67 1.96 0.00
LOVETT___5 23593	30.39 1.93 0.00	27.02 1.72 0.00	27.43 1.79 0.00	26.51 1.71 0.00	26.21 1.65 0.00	31.34 1.77 0.00	38.67 1.84 0.00	43.22 2.29 0.00	44.52 2.44 0.00	42.28 2.47 0.00	39.97 2.40 0.00	40.36 2.43 0.00	37.92 2.28 0.00	39.49 2.41 0.00	41.53 2.61 0.00	42.81 2.84 0.00	46.47 3.04 0.00	50.88 3.02 0.00	55.27 2.93 0.00	58.52 3.10 0.00	58.68 3.27 0.00	50.38 2.67 0.00	42.93 2.39 0.00	37.67 1.96 0.00
LOWER RAQUET___HYD 24057	27.03 -1.42 0.00	23.96 -1.34 0.00	24.30 -1.33 0.00	23.54 -1.26 0.00	23.26 -1.30 0.00	28.24 -1.33 0.00	35.95 -0.88 0.00	40.11 -0.82 0.00	41.24 -0.84 0.00	38.94 -0.88 0.00	36.74 -0.83 0.00	37.09 -0.83 0.00	34.72 -0.93 0.00	36.00 -1.08 0.00	37.91 -1.01 0.00	38.93 -1.04 0.00	42.43 -1.00 0.00	46.86 -1.01 0.00	51.45 -0.89 0.00	54.47 -0.94 0.00	54.58 -0.83 0.00	46.95 -0.77 0.00	40.14 -0.41 0.00	35.07 -0.64 0.00
LOWER___HUDSON 24059	29.68 1.22 0.00	26.39 1.09 0.00	26.77 1.13 0.00	25.89 1.09 0.00	25.62 1.06 0.00	30.72 1.15 0.00	38.12 1.29 0.00	42.36 1.43 0.00	43.55 1.47 0.00	41.13 1.31 0.00	38.77 1.20 0.00	39.18 1.25 0.00	36.89 1.25 0.00	38.34 1.26 0.00	40.20 1.28 0.00	41.33 1.36 0.00	44.99 1.56 0.00	49.40 1.53 0.00	53.80 1.46 0.00	56.96 1.55 0.00	57.02 1.61 0.00	49.14 1.43 0.00	41.96 1.42 0.00	36.85 1.14 0.00
LOWVILLE_115KV_TB2 356335	27.97 -0.48 0.00	24.79 -0.51 0.00	25.10 -0.54 0.00	24.33 -0.47 0.00	24.15 -0.42 0.00	29.22 -0.35 0.00	36.57 -0.26 0.00	40.64 -0.29 0.00	41.66 -0.42 0.00	39.54 -0.28 0.00	37.31 -0.26 0.00	37.63 -0.30 0.00	35.25 -0.39 0.00	36.64 -0.44 0.00	38.49 -0.43 0.00	39.61 -0.36 0.00	43.21 -0.22 0.00	47.91 0.05 0.00	52.81 0.47 0.00	56.25 0.83 0.00	56.41 1.00 0.00	48.38 0.67 0.00	40.83 0.28 0.00	35.81 0.11 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	29.90 1.45 0.00	26.61 1.32 0.00	27.00 1.36 0.00	26.12 1.31 0.00	25.84 1.28 0.00	31.02 1.45 0.00	38.75 1.92 0.00	43.14 2.21 0.00	44.40 2.31 0.00	41.76 1.95 0.00	39.34 1.77 0.00	39.75 1.82 0.00	37.46 1.82 0.00	38.93 1.85 0.00	40.87 1.95 0.00	42.01 2.04 0.00	45.82 2.39 0.00	50.11 2.25 0.00	54.70 2.36 0.00	57.96 2.55 0.00	58.02 2.60 0.00	49.95 2.24 0.00	42.53 1.99 0.00	37.31 1.61 0.00

LUTHERNY_35_KV_BK2 355980	29.93 1.48 0.00	26.61 1.32 0.00	27.02 1.38 0.00	26.12 1.31 0.00	25.87 1.30 0.00	31.02 1.45 0.00	38.75 1.92 0.00	43.18 2.25 0.00	44.44 2.36 0.00	41.80 1.99 0.00	39.37 1.80 0.00	39.75 1.82 0.00	37.46 1.82 0.00	38.97 1.89 0.00	40.87 1.95 0.00	42.05 2.08 0.00	45.82 2.39 0.00	50.11 2.25 0.00	54.75 2.41 0.00	58.02 2.60 0.00	58.07 2.66 0.00	50.00 2.29 0.00	42.57 2.03 0.00	37.35 1.64 0.00
LWR___OSWEGATCHIE_HYD 23850	27.20 -1.25 0.00	24.13 -1.16 0.00	24.46 -1.18 0.00	23.69 -1.12 0.00	23.46 -1.11 0.00	28.45 -1.12 0.00	35.95 -0.88 0.00	39.91 -1.02 0.00	40.99 -1.09 0.00	38.74 -1.07 0.00	36.59 -0.98 0.00	36.91 -1.02 0.00	34.54 -1.10 0.00	35.86 -1.22 0.00	37.75 -1.17 0.00	38.77 -1.20 0.00	42.30 -1.13 0.00	46.81 -1.05 0.00	51.50 -0.84 0.00	54.75 -0.66 0.00	54.92 -0.50 0.00	47.14 -0.57 0.00	40.02 -0.53 0.00	35.03 -0.68 0.00
LYONS_FALL_HYD 23570	28.37 -0.09 0.00	25.17 -0.13 0.00	25.49 -0.15 0.00	24.70 -0.10 0.00	24.49 -0.07 0.00	29.60 0.03 0.00	36.94 0.11 0.00	41.01 0.08 0.00	42.08 0.00 0.00	39.85 0.04 0.00	37.65 0.08 0.00	38.01 0.08 0.00	35.61 -0.04 0.00	37.01 -0.07 0.00	38.88 -0.04 0.00	39.97 0.00 0.00	43.56 0.13 0.00	48.25 0.38 0.00	53.07 0.73 0.00	56.41 1.00 0.00	56.52 1.11 0.00	48.57 0.86 0.00	40.99 0.45 0.00	35.99 0.28 0.00
MADISON___COUNTY_LFGE 323628	29.14 0.68 0.00	25.91 0.61 0.00	26.20 0.56 0.00	25.35 0.55 0.00	25.15 0.59 0.00	30.31 0.74 0.00	37.64 0.81 0.00	41.75 0.82 0.00	42.84 0.76 0.00	40.41 0.60 0.00	38.17 0.60 0.00	38.54 0.61 0.00	36.18 0.53 0.00	37.60 0.52 0.00	39.46 0.54 0.00	40.61 0.64 0.00	44.21 0.78 0.00	48.92 1.05 0.00	53.70 1.36 0.00	57.02 1.61 0.00	57.08 1.66 0.00	49.00 1.29 0.00	41.39 0.85 0.00	36.42 0.71 0.00
MALONE___115KV_TB1 356076	27.94 -0.51 0.00	24.77 -0.53 0.00	25.15 -0.49 0.00	24.36 -0.45 0.00	24.02 -0.54 0.00	29.19 -0.38 0.00	37.09 0.26 0.00	41.30 0.37 0.00	42.50 0.42 0.00	40.13 0.32 0.00	37.91 0.34 0.00	38.23 0.30 0.00	35.82 0.18 0.00	37.15 0.07 0.00	39.08 0.16 0.00	40.09 0.12 0.00	43.73 0.30 0.00	48.53 0.67 0.00	53.23 0.89 0.00	56.36 0.94 0.00	56.36 0.94 0.00	48.43 0.72 0.00	41.19 0.65 0.00	35.99 0.29 0.00
MAPLEWOD_115KV_TB3 80458	29.53 1.08 0.00	26.31 1.01 0.00	26.69 1.05 0.00	25.82 1.02 0.00	25.55 0.98 0.00	30.58 1.01 0.00	37.86 1.03 0.00	41.99 1.06 0.00	43.22 1.14 0.00	40.85 1.04 0.00	38.51 0.94 0.00	38.88 0.95 0.00	36.60 0.96 0.00	38.08 1.00 0.00	39.97 1.05 0.00	41.09 1.12 0.00	44.64 1.22 0.00	49.06 1.20 0.00	53.44 1.10 0.00	56.58 1.16 0.00	56.63 1.22 0.00	48.76 1.05 0.00	41.64 1.09 0.00	36.60 0.89 0.00
MAPLE_RIDGE_WT_1 323574	27.85 -0.60 0.00	24.79 -0.51 0.00	25.18 -0.46 0.00	24.38 -0.42 0.00	24.15 -0.42 0.00	29.16 -0.41 0.00	36.46 -0.37 0.00	40.64 -0.28 0.00	41.87 -0.21 0.00	39.66 -0.16 0.00	37.46 -0.11 0.00	37.82 -0.11 0.00	35.54 -0.11 0.00	36.97 -0.11 0.00	38.80 -0.12 0.00	39.85 -0.12 0.00	43.34 -0.09 0.00	47.77 -0.10 0.00	52.29 -0.05 0.00	55.30 -0.11 0.00	55.30 -0.11 0.00	47.57 -0.14 0.00	40.42 -0.12 0.00	35.49 -0.21 0.00
MAPLE_RIDGE_WT_2 323611	27.85 -0.60 0.00	24.79 -0.51 0.00	25.18 -0.46 0.00	24.38 -0.42 0.00	24.15 -0.42 0.00	29.16 -0.41 0.00	36.46 -0.37 0.00	40.64 -0.28 0.00	41.87 -0.21 0.00	39.66 -0.16 0.00	37.46 -0.11 0.00	37.82 -0.11 0.00	35.54 -0.11 0.00	36.97 -0.11 0.00	38.80 -0.12 0.00	39.85 -0.12 0.00	43.34 -0.09 0.00	47.77 -0.10 0.00	52.29 -0.05 0.00	55.30 -0.11 0.00	55.30 -0.11 0.00	47.57 -0.14 0.00	40.42 -0.12 0.00	35.49 -0.21 0.00
MARBLE_RIVER_WT_PWR 323696	28.00 -0.46 0.00	24.84 -0.45 0.00	25.23 -0.41 0.00	24.43 -0.37 0.00	24.12 -0.44 0.00	29.22 -0.35 0.00	36.91 0.07 0.00	41.22 0.29 0.00	42.42 0.34 0.00	40.13 0.32 0.00	37.87 0.30 0.00	38.20 0.27 0.00	35.82 0.18 0.00	37.23 0.15 0.00	39.12 0.20 0.00	40.13 0.16 0.00	43.73 0.31 0.00	48.34 0.48 0.00	52.97 0.63 0.00	56.03 0.61 0.00	56.03 0.61 0.00	48.19 0.48 0.00	40.99 0.45 0.00	35.92 0.22 0.00
MARSHVLE_115KV_TB1 80742	30.36 1.91 0.00	26.97 1.67 0.00	27.36 1.72 0.00	26.46 1.66 0.00	26.23 1.67 0.00	31.61 2.04 0.00	39.12 2.28 0.00	43.51 2.58 0.00	44.56 2.48 0.00	41.76 1.95 0.00	39.30 1.73 0.00	39.64 1.71 0.00	37.25 1.60 0.00	38.79 1.71 0.00	40.71 1.79 0.00	41.89 1.92 0.00	45.69 2.26 0.00	50.78 2.92 0.00	55.90 3.56 0.00	59.63 4.21 0.00	59.68 4.27 0.00	51.34 3.63 0.00	43.42 2.88 0.00	38.03 2.32 0.00
MARSH_HILL_WT_PWR 323713	28.34 -0.11 0.00	25.22 -0.08 0.00	25.36 -0.28 0.00	24.58 -0.22 0.00	24.49 -0.07 0.00	29.54 -0.03 0.00	36.39 -0.44 0.00	40.19 -0.74 0.00	40.82 -1.26 0.00	38.50 -1.31 0.00	36.25 -1.32 0.00	36.49 -1.44 0.00	34.32 -1.32 0.00	35.89 -1.19 0.00	37.44 -1.48 0.00	38.61 -1.36 0.00	41.82 -1.61 0.00	46.57 -1.29 0.00	51.66 -0.68 0.00	55.25 -0.17 0.00	54.75 -0.66 0.00	46.90 -0.81 0.00	39.57 -0.97 0.00	35.28 -0.43 0.00
MCINTYRE_115KV_TB2 80467	27.86 -0.60 0.00	24.69 -0.61 0.00	25.05 -0.59 0.00	24.26 -0.55 0.00	23.95 -0.61 0.00	29.16 -0.41 0.00	37.24 0.41 0.00	41.30 0.37 0.00	42.33 0.25 0.00	39.85 0.04 0.00	37.57 0.00 0.00	37.89 -0.04 0.00	35.43 -0.21 0.00	36.75 -0.33 0.00	38.73 -0.19 0.00	39.77 -0.20 0.00	43.47 0.04 0.00	48.10 0.24 0.00	53.02 0.68 0.00	56.25 0.83 0.00	56.47 1.05 0.00	48.52 0.81 0.00	41.39 0.85 0.00	36.17 0.46 0.00
MECO_____69_KV_BK1 80468	30.62 2.16 0.00	27.20 1.90 0.00	27.61 1.97 0.00	26.69 1.88 0.00	26.48 1.92 0.00	31.88 2.31 0.00	39.52 2.69 0.00	44.04 3.11 0.00	45.11 3.03 0.00	42.24 2.43 0.00	39.67 2.10 0.00	39.98 2.05 0.00	37.60 1.96 0.00	39.16 2.08 0.00	41.10 2.18 0.00	42.33 2.36 0.00	46.21 2.78 0.00	51.41 3.54 0.00	56.58 4.24 0.00	60.29 4.88 0.00	60.29 4.88 0.00	51.81 4.10 0.00	43.87 3.32 0.00	38.42 2.71 0.00
MENANDS___115KV_TB5 355628	29.45 1.00 0.00	26.21 0.91 0.00	26.61 0.97 0.00	25.74 0.94 0.00	25.47 0.91 0.00	30.49 0.92 0.00	37.72 0.88 0.00	41.79 0.86 0.00	43.01 0.93 0.00	40.65 0.84 0.00	38.36 0.79 0.00	38.73 0.80 0.00	36.46 0.82 0.00	37.93 0.85 0.00	39.81 0.90 0.00	40.93 0.96 0.00	44.43 1.00 0.00	48.82 0.96 0.00	53.13 0.79 0.00	56.19 0.78 0.00	56.25 0.83 0.00	48.47 0.76 0.00	41.43 0.89 0.00	36.42 0.71 0.00
MG INDUSTRY___DRP 24185	29.36 0.91 0.00	26.13 0.83 0.00	26.51 0.87 0.00	25.67 0.87 0.00	25.40 0.84 0.00	30.43 0.86 0.00	37.64 0.81 0.00	41.71 0.78 0.00	42.84 0.76 0.00	40.45 0.64 0.00	38.13 0.56 0.00	38.46 0.53 0.00	36.18 0.53 0.00	37.64 0.56 0.00	39.50 0.58 0.00	40.65 0.68 0.00	44.25 0.83 0.00	48.73 0.86 0.00	53.13 0.79 0.00	56.25 0.83 0.00	56.36 0.94 0.00	48.57 0.86 0.00	41.43 0.89 0.00	36.46 0.75 0.00

MID___OSWEGATCHIE_HYD 23849	27.20 -1.25 0.00	24.13 -1.16 0.00	24.46 -1.18 0.00	23.69 -1.12 0.00	23.46 -1.11 0.00	28.45 -1.12 0.00	35.95 -0.88 0.00	39.91 -1.02 0.00	40.99 -1.09 0.00	38.74 -1.07 0.00	36.59 -0.98 0.00	36.91 -1.02 0.00	34.54 -1.10 0.00	35.86 -1.22 0.00	37.75 -1.17 0.00	38.77 -1.20 0.00	42.30 -1.13 0.00	46.81 -1.05 0.00	51.50 -0.84 0.00	54.75 -0.66 0.00	54.92 -0.50 0.00	47.14 -0.57 0.00	40.02 -0.53 0.00	35.03 -0.68 0.00
MID___RAQUETTE_HYD 23851	27.03 -1.42 0.00	23.96 -1.34 0.00	24.31 -1.33 0.00	23.54 -1.26 0.00	23.26 -1.30 0.00	28.24 -1.33 0.00	36.06 -0.77 0.00	40.11 -0.82 0.00	41.24 -0.84 0.00	38.94 -0.88 0.00	36.74 -0.83 0.00	37.09 -0.83 0.00	34.72 -0.93 0.00	36.00 -1.08 0.00	37.91 -1.01 0.00	38.89 -1.08 0.00	42.43 -1.00 0.00	46.81 -1.05 0.00	51.45 -0.89 0.00	54.47 -0.94 0.00	54.58 -0.83 0.00	46.95 -0.76 0.00	40.14 -0.41 0.00	35.06 -0.64 0.00
MILLIKEN___1 23584	29.05 0.60 0.00	25.85 0.56 0.00	26.10 0.46 0.00	25.25 0.45 0.00	25.08 0.52 0.00	30.16 0.59 0.00	37.35 0.52 0.00	41.42 0.49 0.00	42.33 0.25 0.00	39.89 0.08 0.00	37.68 0.11 0.00	38.00 0.08 0.00	35.64 0.00 0.00	37.15 0.07 0.00	38.92 0.00 0.00	40.05 0.08 0.00	43.60 0.17 0.00	48.39 0.53 0.00	53.18 0.84 0.00	56.63 1.22 0.00	56.41 1.00 0.00	48.43 0.72 0.00	40.91 0.36 0.00	36.10 0.39 0.00
MILLIKEN___2 23585	29.05 0.60 0.00	25.85 0.56 0.00	26.10 0.46 0.00	25.25 0.45 0.00	25.08 0.52 0.00	30.16 0.59 0.00	37.35 0.52 0.00	41.42 0.49 0.00	42.33 0.25 0.00	39.89 0.08 0.00	37.68 0.11 0.00	38.00 0.08 0.00	35.64 0.00 0.00	37.15 0.07 0.00	38.92 0.00 0.00	40.05 0.08 0.00	43.60 0.17 0.00	48.39 0.53 0.00	53.18 0.84 0.00	56.63 1.22 0.00	56.41 1.00 0.00	48.43 0.72 0.00	40.91 0.36 0.00	36.10 0.39 0.00
MILLIKEN___DIESEL 23629	29.05 0.60 0.00	25.85 0.56 0.00	26.10 0.46 0.00	25.25 0.45 0.00	25.08 0.52 0.00	30.16 0.59 0.00	37.35 0.52 0.00	41.42 0.49 0.00	42.33 0.25 0.00	39.89 0.08 0.00	37.68 0.11 0.00	38.00 0.08 0.00	35.64 0.00 0.00	37.15 0.07 0.00	38.92 0.00 0.00	40.05 0.08 0.00	43.60 0.17 0.00	48.39 0.53 0.00	53.18 0.84 0.00	56.63 1.22 0.00	56.41 1.00 0.00	48.43 0.72 0.00	40.91 0.36 0.00	36.10 0.39 0.00
MILLSEAT___LFGE 323607	27.51 -0.94 0.00	24.49 -0.81 0.00	24.69 -0.95 0.00	23.86 -0.94 0.00	23.78 -0.79 0.00	28.68 -0.89 0.00	34.92 -1.92 0.00	38.31 -2.62 0.00	39.30 -2.78 0.00	37.15 -2.67 0.00	35.13 -2.44 0.00	35.27 -2.66 0.00	33.18 -2.46 0.00	34.71 -2.37 0.00	36.16 -2.76 0.00	37.21 -2.76 0.00	40.13 -3.30 0.00	44.66 -3.21 0.00	49.67 -2.67 0.00	53.03 -2.38 0.00	52.26 -3.16 0.00	45.04 -2.67 0.00	38.03 -2.51 0.00	34.07 -1.64 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	30.47 2.02 0.00	27.07 1.77 0.00	27.51 1.87 0.00	26.59 1.79 0.00	26.28 1.72 0.00	31.43 1.86 0.00	38.75 1.92 0.00	43.34 2.41 0.00	44.65 2.57 0.00	42.40 2.59 0.00	40.09 2.52 0.00	40.47 2.54 0.00	38.03 2.39 0.00	39.60 2.52 0.00	41.68 2.76 0.00	42.93 2.96 0.00	46.60 3.17 0.00	51.02 3.16 0.00	55.43 3.09 0.00	58.68 3.27 0.00	58.79 3.38 0.00	50.53 2.81 0.00	43.06 2.51 0.00	37.74 2.04 0.00
MILLWOOD_13_KV_LOAD 356217	30.53 2.08 0.00	27.12 1.82 0.00	27.54 1.90 0.00	26.61 1.81 0.00	26.31 1.74 0.00	31.46 1.89 0.00	38.82 1.99 0.00	43.39 2.46 0.00	44.73 2.65 0.00	42.52 2.71 0.00	40.16 2.59 0.00	40.58 2.66 0.00	38.10 2.46 0.00	39.68 2.60 0.00	41.76 2.84 0.00	43.01 3.04 0.00	46.69 3.26 0.00	51.12 3.25 0.00	55.59 3.25 0.00	58.79 3.38 0.00	58.96 3.55 0.00	50.62 2.91 0.00	43.14 2.59 0.00	37.81 2.11 0.00
MODEL_CITY_ENERGY 24167	26.60 -1.85 0.00	23.68 -1.62 0.00	23.82 -1.82 0.00	23.04 -1.76 0.00	22.97 -1.60 0.00	27.65 -1.92 0.00	33.59 -3.24 0.00	36.75 -4.18 0.00	37.70 -4.38 0.00	35.63 -4.18 0.00	33.70 -3.87 0.00	33.87 -4.06 0.00	31.90 -3.74 0.00	33.37 -3.71 0.00	34.76 -4.16 0.00	35.78 -4.20 0.00	38.52 -4.91 0.00	42.69 -5.17 0.00	47.53 -4.81 0.00	50.70 -4.71 0.00	50.04 -5.37 0.00	43.13 -4.58 0.00	36.49 -4.05 0.00	32.89 -2.82 0.00
MODERN_LFGE___ 323580	26.60 -1.85 0.00	23.68 -1.62 0.00	23.82 -1.82 0.00	23.04 -1.76 0.00	22.97 -1.60 0.00	27.65 -1.92 0.00	33.59 -3.24 0.00	36.75 -4.18 0.00	37.70 -4.38 0.00	35.63 -4.18 0.00	33.70 -3.87 0.00	33.87 -4.06 0.00	31.90 -3.74 0.00	33.37 -3.71 0.00	34.76 -4.16 0.00	35.78 -4.20 0.00	38.52 -4.91 0.00	42.69 -5.17 0.00	47.53 -4.81 0.00	50.70 -4.71 0.00	50.04 -5.37 0.00	43.13 -4.58 0.00	36.49 -4.05 0.00	32.89 -2.82 0.00
MOHAWK_PAPER___DRP 24187	29.53 1.08 0.00	26.31 1.01 0.00	26.69 1.05 0.00	25.82 1.02 0.00	25.55 0.98 0.00	30.58 1.01 0.00	37.86 1.03 0.00	41.99 1.06 0.00	43.22 1.14 0.00	40.85 1.04 0.00	38.51 0.94 0.00	38.88 0.95 0.00	36.60 0.96 0.00	38.08 1.00 0.00	39.97 1.05 0.00	41.09 1.12 0.00	44.64 1.22 0.00	49.06 1.20 0.00	53.44 1.10 0.00	56.58 1.16 0.00	56.63 1.22 0.00	48.76 1.05 0.00	41.64 1.09 0.00	36.60 0.89 0.00
MOHICAN___35_KV_115KV_LD 80490	30.05 1.59 0.00	26.69 1.39 0.00	27.10 1.46 0.00	26.22 1.41 0.00	25.96 1.40 0.00	31.20 1.63 0.00	39.01 2.17 0.00	43.55 2.62 0.00	44.77 2.69 0.00	41.96 2.15 0.00	39.49 1.92 0.00	39.86 1.93 0.00	37.60 1.96 0.00	39.08 2.00 0.00	41.02 2.10 0.00	42.21 2.24 0.00	46.08 2.65 0.00	50.64 2.78 0.00	55.43 3.09 0.00	58.85 3.44 0.00	58.85 3.44 0.00	50.62 2.91 0.00	42.98 2.43 0.00	37.64 1.93 0.00
MONGAUP___HYD 23641	30.25 1.79 0.00	26.89 1.59 0.00	27.26 1.62 0.00	26.37 1.56 0.00	26.09 1.52 0.00	31.20 1.63 0.00	38.38 1.55 0.00	42.24 1.31 0.00	43.39 1.31 0.00	40.93 1.11 0.00	38.58 1.01 0.00	39.29 1.36 0.00	36.89 1.25 0.00	38.45 1.37 0.00	40.44 1.52 0.00	41.37 1.40 0.00	45.04 1.61 0.00	49.54 1.67 0.00	54.12 1.78 0.00	57.52 2.11 0.00	57.74 2.33 0.00	49.57 1.86 0.00	42.69 2.15 0.00	37.42 1.71 0.00
MONTAUK___DIESEL 23721	47.76 3.36 -15.95	46.54 2.88 -18.35	45.91 2.97 -17.29	45.34 2.88 -17.66	45.85 2.78 -18.51	46.04 3.16 -13.31	46.73 3.54 -6.36	48.08 4.38 -2.77	49.27 4.63 -2.56	49.25 4.46 -4.98	48.00 3.46 -6.97	49.69 3.60 -8.16	47.44 3.42 -8.38	53.24 3.78 -12.38	57.38 4.36 -14.10	62.97 4.72 -18.28	84.10 5.21 -35.46	173.73 5.41 -120.46	201.49 6.23 -142.92	207.51 6.54 -145.56	212.03 6.87 -149.74	151.08 5.82 -97.55	99.95 5.55 -53.86	46.29 4.93 -5.66
MOONROAD_115KV_HARTFLD_TB1-2 355988	27.74 -0.71 0.00	24.67 -0.63 0.00	24.79 -0.85 0.00	24.03 -0.77 0.00	24.00 -0.56 0.00	28.98 -0.59 0.00	35.54 -1.29 0.00	39.33 -1.60 0.00	40.52 -1.56 0.00	38.22 -1.59 0.00	36.22 -1.35 0.00	36.64 -1.29 0.00	34.43 -1.21 0.00	36.04 -1.04 0.00	37.40 -1.52 0.00	38.73 -1.24 0.00	41.73 -1.69 0.00	46.28 -1.58 0.00	51.45 -0.89 0.00	54.92 -0.50 0.00	54.25 -1.16 0.00	46.28 -1.43 0.00	38.88 -1.66 0.00	34.46 -1.25 0.00

MORRIS_RIDGE___SOLAR 323848	27.94 -0.51 0.00	24.84 -0.45 0.00	24.97 -0.67 0.00	24.18 -0.62 0.00	24.10 -0.47 0.00	29.01 -0.56 0.00	35.58 -1.25 0.00	39.21 -1.72 0.00	39.85 -2.23 0.00	37.70 -2.11 0.00	35.54 -2.03 0.00	35.77 -2.16 0.00	33.65 -2.00 0.00	35.19 -1.89 0.00	36.70 -2.22 0.00	37.77 -2.20 0.00	40.91 -2.52 0.00	45.42 -2.44 0.00	50.41 -1.94 0.00	53.92 -1.49 0.00	53.47 -1.94 0.00	45.90 -1.81 0.00	38.80 -1.74 0.00	34.56 -1.14 0.00
MORTIMER_115KV_TB3 55949	27.77 -0.68 0.00	24.69 -0.61 0.00	24.95 -0.69 0.00	24.11 -0.69 0.00	24.00 -0.56 0.00	28.86 -0.71 0.00	35.36 -1.47 0.00	38.96 -1.96 0.00	39.98 -2.10 0.00	37.78 -2.03 0.00	35.73 -1.84 0.00	36.07 -1.86 0.00	33.93 -1.71 0.00	35.41 -1.67 0.00	36.90 -2.02 0.00	38.01 -1.96 0.00	41.04 -2.39 0.00	45.52 -2.35 0.00	50.25 -2.09 0.00	53.42 -1.99 0.00	52.92 -2.49 0.00	45.56 -2.15 0.00	38.56 -1.99 0.00	34.39 -1.32 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	30.79 2.33 0.00	27.32 2.02 0.00	27.77 2.13 0.00	26.84 2.03 0.00	26.50 1.94 0.00	31.70 2.13 0.00	39.04 2.21 0.00	43.71 2.78 0.00	45.07 2.99 0.00	42.80 2.99 0.00	40.46 2.89 0.00	40.89 2.96 0.00	38.42 2.78 0.00	40.01 2.93 0.00	42.11 3.19 0.00	43.41 3.44 0.00	47.08 3.65 0.00	51.45 3.59 0.00	55.90 3.56 0.00	59.07 3.66 0.00	59.24 3.82 0.00	50.91 3.20 0.00	43.38 2.84 0.00	38.06 2.36 0.00
MUNSVILLE_WIND_PWR 323609	30.36 1.91 0.00	27.07 1.77 0.00	27.33 1.69 0.00	26.46 1.66 0.00	26.33 1.77 0.00	31.85 2.28 0.00	39.52 2.69 0.00	43.67 2.74 0.00	44.69 2.61 0.00	41.92 2.11 0.00	39.56 1.99 0.00	40.01 2.08 0.00	37.42 1.78 0.00	38.90 1.82 0.00	40.86 1.95 0.00	42.13 2.16 0.00	45.99 2.56 0.00	51.31 3.45 0.00	56.84 4.50 0.00	60.68 5.27 0.00	60.57 5.15 0.00	51.81 4.10 0.00	43.34 2.80 0.00	38.03 2.32 0.00
N SALMON___HYD 24042	27.94 -0.51 0.00	24.77 -0.53 0.00	25.15 -0.49 0.00	24.36 -0.45 0.00	24.02 -0.54 0.00	29.19 -0.39 0.00	36.94 0.11 0.00	41.30 0.37 0.00	42.50 0.42 0.00	40.13 0.32 0.00	37.91 0.34 0.00	38.23 0.30 0.00	35.82 0.18 0.00	37.15 0.07 0.00	39.08 0.16 0.00	40.09 0.12 0.00	43.73 0.31 0.00	48.53 0.67 0.00	53.23 0.89 0.00	56.36 0.94 0.00	56.36 0.94 0.00	48.43 0.72 0.00	41.19 0.65 0.00	35.99 0.28 0.00
N.AKRON__115KV_KNAPP 355671	27.46 -1.00 0.00	24.44 -0.86 0.00	24.61 -1.03 0.00	23.81 -0.99 0.00	23.73 -0.84 0.00	28.57 -1.01 0.00	34.77 -2.06 0.00	38.19 -2.74 0.00	39.18 -2.90 0.00	36.87 -2.95 0.00	34.86 -2.71 0.00	35.20 -2.73 0.00	33.08 -2.57 0.00	34.60 -2.48 0.00	35.88 -3.04 0.00	37.09 -2.88 0.00	40.00 -3.43 0.00	44.51 -3.35 0.00	49.46 -2.88 0.00	52.81 -2.60 0.00	52.09 -3.32 0.00	44.85 -2.86 0.00	37.91 -2.64 0.00	33.96 -1.75 0.00
N.E_GEN_SANDY PD 24062	34.76 1.31 -5.00	34.80 1.19 -8.31	31.20 1.23 -4.33	30.10 1.19 -4.11	31.76 1.15 -6.04	36.30 1.24 -5.49	41.10 1.32 -2.94	47.20 1.43 -4.84	45.97 1.47 -2.42	44.21 1.39 -3.00	42.68 1.28 -3.83	42.86 1.33 -3.60	41.77 1.28 -4.85	39.00 1.33 -0.59	40.20 1.28 0.00	41.33 1.36 0.00	44.99 1.56 0.00	49.40 1.53 0.00	53.70 1.36 0.00	56.74 1.33 0.00	56.85 1.44 0.00	49.00 1.29 0.00	42.00 1.46 0.00	36.85 1.14 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	30.44 1.99 0.00	27.04 1.75 0.00	27.43 1.79 0.00	26.54 1.74 0.00	26.23 1.67 0.00	31.37 1.80 0.00	38.71 1.88 0.00	43.26 2.33 0.00	44.61 2.52 0.00	42.32 2.51 0.00	40.01 2.44 0.00	40.39 2.47 0.00	37.96 2.32 0.00	39.53 2.45 0.00	41.61 2.69 0.00	42.85 2.88 0.00	46.51 3.08 0.00	50.98 3.11 0.00	55.38 3.04 0.00	58.63 3.21 0.00	58.79 3.38 0.00	50.53 2.81 0.00	43.02 2.47 0.00	37.71 2.00 0.00
N.QUEENS_27_KV_LOAD 356247	30.99 2.53 0.00	27.55 2.25 0.00	28.02 2.38 0.00	27.09 2.28 -0.01	26.70 2.14 0.00	31.61 2.04 0.00	38.82 1.99 0.00	43.55 2.62 0.00	44.94 2.86 0.00	42.76 2.95 0.00	40.46 2.89 0.00	40.89 2.96 0.00	38.42 2.78 0.00	40.01 2.93 0.00	42.22 3.23 -0.07	43.41 3.44 0.00	47.12 3.69 0.00	51.36 3.49 0.00	55.69 3.35 0.00	58.85 3.44 0.00	59.02 3.60 0.00	50.62 2.91 0.00	43.22 2.68 0.00	37.92 2.21 0.00
N.TROY___115KV_TB1 355778	29.65 1.20 0.00	26.39 1.09 0.00	26.77 1.13 0.00	25.89 1.09 0.00	25.62 1.06 0.00	30.72 1.15 0.00	38.12 1.29 0.00	42.36 1.43 0.00	43.55 1.47 0.00	41.17 1.35 0.00	38.81 1.24 0.00	39.18 1.25 0.00	36.89 1.25 0.00	38.34 1.26 0.00	40.20 1.28 0.00	41.33 1.36 0.00	44.99 1.56 0.00	49.40 1.53 0.00	53.81 1.47 0.00	56.97 1.55 0.00	57.02 1.61 0.00	49.14 1.43 0.00	41.96 1.42 0.00	36.85 1.14 0.00
NARROWS_GT1_1 24228	30.98 2.50 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.21 2.36 -0.02	43.85 2.86 -0.06	49.33 3.11 -4.14	51.41 3.14 -8.45	52.62 3.08 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.56 3.43 -12.22	55.72 3.68 -12.08	53.75 3.95 -6.37	51.67 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.46 4.04 0.00	51.08 3.34 -0.03	52.53 2.96 -9.03	38.16 2.39 -0.06
NARROWS_GT1_2 24229	30.98 2.50 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.21 2.36 -0.02	43.85 2.86 -0.06	49.33 3.11 -4.14	51.41 3.14 -8.45	52.62 3.08 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.56 3.43 -12.22	55.72 3.68 -12.08	53.75 3.95 -6.37	51.67 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.46 4.04 0.00	51.08 3.34 -0.03	52.53 2.96 -9.03	38.16 2.39 -0.06
NARROWS_GT1_3 24230	30.98 2.50 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.21 2.36 -0.02	43.85 2.86 -0.06	49.33 3.11 -4.14	51.41 3.14 -8.45	52.62 3.08 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.56 3.43 -12.22	55.72 3.68 -12.08	53.75 3.95 -6.37	51.67 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.46 4.04 0.00	51.08 3.34 -0.03	52.53 2.96 -9.03	38.16 2.39 -0.06
NARROWS_GT1_4 24231	30.98 2.50 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.21 2.36 -0.02	43.85 2.86 -0.06	49.33 3.11 -4.14	51.41 3.14 -8.45	52.62 3.08 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.56 3.43 -12.22	55.72 3.68 -12.08	53.75 3.95 -6.37	51.67 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.46 4.04 0.00	51.08 3.34 -0.03	52.53 2.96 -9.03	38.16 2.39 -0.06
NARROWS_GT1_5 24232	30.98 2.50 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.21 2.36 -0.02	43.85 2.86 -0.06	49.33 3.11 -4.14	51.41 3.14 -8.45	52.62 3.08 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.56 3.43 -12.22	55.72 3.68 -12.08	53.75 3.95 -6.37	51.67 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.46 4.04 0.00	51.08 3.34 -0.03	52.53 2.96 -9.03	38.16 2.39 -0.06

NARROWS_GT1_6 24233	30.98 2.50 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.21 2.36 -0.02	43.85 2.86 -0.06	49.33 3.11 -4.14	51.41 3.14 -8.45	52.62 3.08 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.56 3.43 -12.22	55.72 3.68 -12.08	53.75 3.95 -6.37	51.67 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.46 4.04 0.00	51.08 3.34 -0.03	52.53 2.96 -9.03	38.16 2.39 -0.06
NARROWS_GT1_7 24234	30.98 2.50 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.21 2.36 -0.02	43.85 2.86 -0.06	49.33 3.11 -4.14	51.41 3.14 -8.45	52.62 3.08 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.56 3.43 -12.22	55.72 3.68 -12.08	53.75 3.95 -6.37	51.67 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.46 4.04 0.00	51.08 3.34 -0.03	52.53 2.96 -9.03	38.16 2.39 -0.06
NARROWS_GT1_8 24235	30.98 2.50 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.21 2.36 -0.02	43.85 2.86 -0.06	49.33 3.11 -4.14	51.41 3.14 -8.45	52.62 3.08 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.56 3.43 -12.22	55.72 3.68 -12.08	53.75 3.95 -6.37	51.67 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.46 4.04 0.00	51.08 3.34 -0.03	52.53 2.96 -9.03	38.16 2.39 -0.06
NARROWS_GT2_1 24236	30.98 2.50 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.21 2.36 -0.02	43.85 2.86 -0.06	49.33 3.11 -4.14	51.41 3.14 -8.45	52.62 3.08 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.56 3.43 -12.22	55.72 3.68 -12.08	53.75 3.95 -6.37	51.67 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.46 4.04 0.00	51.08 3.34 -0.03	52.53 2.96 -9.03	38.16 2.39 -0.06
NARROWS_GT2_2 24237	30.98 2.50 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.21 2.36 -0.02	43.85 2.86 -0.06	49.33 3.11 -4.14	51.41 3.14 -8.45	52.62 3.08 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.56 3.43 -12.22	55.72 3.68 -12.08	53.75 3.95 -6.37	51.67 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.46 4.04 0.00	51.08 3.34 -0.03	52.53 2.96 -9.03	38.16 2.39 -0.06
NARROWS_GT2_3 24238	30.98 2.50 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.21 2.36 -0.02	43.85 2.86 -0.06	49.33 3.11 -4.14	51.41 3.14 -8.45	52.62 3.08 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.56 3.43 -12.22	55.72 3.68 -12.08	53.75 3.95 -6.37	51.67 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.46 4.04 0.00	51.08 3.34 -0.03	52.53 2.96 -9.03	38.16 2.39 -0.06
NARROWS_GT2_4 24239	30.98 2.50 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.21 2.36 -0.02	43.85 2.86 -0.06	49.33 3.11 -4.14	51.41 3.14 -8.45	52.62 3.08 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.56 3.43 -12.22	55.72 3.68 -12.08	53.75 3.95 -6.37	51.67 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.46 4.04 0.00	51.08 3.34 -0.03	52.53 2.96 -9.03	38.16 2.39 -0.06
NARROWS_GT2_5 24240	30.98 2.50 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.21 2.36 -0.02	43.85 2.86 -0.06	49.33 3.11 -4.14	51.41 3.14 -8.45	52.62 3.08 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.56 3.43 -12.22	55.72 3.68 -12.08	53.75 3.95 -6.37	51.67 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.46 4.04 0.00	51.08 3.34 -0.03	52.53 2.96 -9.03	38.16 2.39 -0.06
NARROWS_GT2_6 24241	30.98 2.50 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.21 2.36 -0.02	43.85 2.86 -0.06	49.33 3.11 -4.14	51.41 3.14 -8.45	52.62 3.08 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.56 3.43 -12.22	55.72 3.68 -12.08	53.75 3.95 -6.37	51.67 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.46 4.04 0.00	51.08 3.34 -0.03	52.53 2.96 -9.03	38.16 2.39 -0.06
NARROWS_GT2_7 24242	30.98 2.50 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.21 2.36 -0.02	43.85 2.86 -0.06	49.33 3.11 -4.14	51.41 3.14 -8.45	52.62 3.08 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.56 3.43 -12.22	55.72 3.68 -12.08	53.75 3.95 -6.37	51.67 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.46 4.04 0.00	51.08 3.34 -0.03	52.53 2.96 -9.03	38.16 2.39 -0.06
NARROWS_GT2_8 24243	30.98 2.50 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.21 2.36 -0.02	43.85 2.86 -0.06	49.33 3.11 -4.14	51.41 3.14 -8.45	52.62 3.08 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.56 3.43 -12.22	55.72 3.68 -12.08	53.75 3.95 -6.37	51.67 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.46 4.04 0.00	51.08 3.34 -0.03	52.53 2.96 -9.03	38.16 2.39 -0.06
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	29.93 1.48 0.00	26.64 1.34 0.00	27.00 1.36 0.00	26.14 1.34 0.00	25.87 1.30 0.00	30.96 1.39 0.00	38.34 1.51 0.00	42.61 1.68 0.00	43.76 1.68 0.00	41.05 1.23 0.00	38.58 1.01 0.00	38.84 0.91 0.00	36.53 0.89 0.00	37.97 0.89 0.00	39.89 0.97 0.00	41.17 1.20 0.00	44.56 1.13 0.00	49.25 1.39 0.00	53.91 1.57 0.00	57.24 1.83 0.00	57.41 1.99 0.00	49.38 1.67 0.00	42.08 1.54 0.00	36.99 1.29 0.00
NCHELSEA_115KV_TR2 355582	30.50 2.05 0.00	27.09 1.80 0.00	27.49 1.85 0.00	26.59 1.79 0.00	26.28 1.72 0.00	31.43 1.86 0.00	38.78 1.95 0.00	43.39 2.46 0.00	44.73 2.65 0.00	42.36 2.55 0.00	40.01 2.44 0.00	40.39 2.47 0.00	37.92 2.28 0.00	39.53 2.45 0.00	41.57 2.65 0.00	42.89 2.92 0.00	46.60 3.17 0.00	51.07 3.21 0.00	55.59 3.25 0.00	58.91 3.49 0.00	59.07 3.66 0.00	50.76 3.05 0.00	43.18 2.64 0.00	37.85 2.14 0.00
NEG CAPITAL___MECHNVIL 23645	29.96 1.51 0.00	26.64 1.34 0.00	27.05 1.41 0.00	26.14 1.34 0.00	25.89 1.33 0.00	31.05 1.48 0.00	38.75 1.91 0.00	43.14 2.21 0.00	44.39 2.31 0.00	41.76 1.95 0.00	39.37 1.80 0.00	39.79 1.86 0.00	37.46 1.82 0.00	38.97 1.89 0.00	40.86 1.95 0.00	42.05 2.08 0.00	45.82 2.39 0.00	50.21 2.34 0.00	54.80 2.46 0.00	58.07 2.66 0.00	58.07 2.66 0.00	50.00 2.29 0.00	42.61 2.07 0.00	37.35 1.64 0.00
NEG CENTRAL_HIGH_ACRES 23767	27.46 -1.00 0.00	24.44 -0.86 0.00	24.69 -0.95 0.00	23.89 -0.92 0.00	23.73 -0.84 0.00	28.60 -0.98 0.00	35.10 -1.73 0.00	38.72 -2.21 0.00	39.73 -2.36 0.00	37.62 -2.19 0.00	35.61 -1.96 0.00	35.88 -2.05 0.00	33.72 -1.93 0.00	35.19 -1.89 0.00	36.82 -2.10 0.00	37.81 -2.16 0.00	40.87 -2.56 0.00	45.33 -2.54 0.00	49.93 -2.41 0.00	53.09 -2.33 0.00	52.59 -2.82 0.00	45.28 -2.43 0.00	38.27 -2.27 0.00	34.03 -1.68 0.00

NEG CENTRAL___DRP 24199	28.45 0.00 0.00	25.32 0.03 0.00	25.56 -0.08 0.00	24.73 -0.07 0.00	24.59 0.02 0.00	29.60 0.03 0.00	36.54 -0.29 0.00	40.48 -0.45 0.00	41.41 -0.67 0.00	39.06 -0.76 0.00	36.89 -0.68 0.00	37.21 -0.72 0.00	34.93 -0.71 0.00	36.45 -0.63 0.00	38.18 -0.74 0.00	39.25 -0.72 0.00	42.60 -0.83 0.00	47.24 -0.62 0.00	51.82 -0.52 0.00	55.14 -0.28 0.00	54.80 -0.61 0.00	47.19 -0.52 0.00	39.89 -0.65 0.00	35.31 -0.39 0.00
NEG CENTRAL___INDECK 23768	28.65 0.20 0.00	25.50 0.20 0.00	25.74 0.10 0.00	24.88 0.07 0.00	24.78 0.22 0.00	29.90 0.33 0.00	36.69 -0.15 0.00	40.36 -0.57 0.00	40.99 -1.09 0.00	38.58 -1.23 0.00	36.33 -1.24 0.00	36.45 -1.48 0.00	34.25 -1.39 0.00	35.86 -1.22 0.00	37.48 -1.44 0.00	38.61 -1.36 0.00	40.56 -2.87 0.00	45.42 -2.44 0.00	50.56 -1.78 0.00	54.20 -1.22 0.00	53.64 -1.78 0.00	46.09 -1.62 0.00	40.10 -0.45 0.00	35.60 -0.11 0.00
NEG CENTRAL___SENECA 23627	28.57 0.11 0.00	25.42 0.13 0.00	25.64 0.00 0.00	24.80 0.00 0.00	24.66 0.10 0.00	29.69 0.12 0.00	36.65 -0.18 0.00	40.56 -0.37 0.00	41.45 -0.63 0.00	39.10 -0.72 0.00	36.93 -0.64 0.00	37.21 -0.72 0.00	34.93 -0.71 0.00	36.49 -0.59 0.00	38.14 -0.78 0.00	39.29 -0.68 0.00	42.60 -0.83 0.00	47.34 -0.53 0.00	51.98 -0.37 0.00	55.36 -0.06 0.00	54.97 -0.44 0.00	47.38 -0.33 0.00	39.98 -0.57 0.00	35.42 -0.29 0.00
NEG CENTRAL___STATE_STREET 24147	28.48 0.03 0.00	25.35 0.05 0.00	25.61 -0.03 0.00	24.78 -0.02 0.00	24.59 0.02 0.00	29.60 0.03 0.00	36.57 -0.26 0.00	40.52 -0.41 0.00	41.53 -0.55 0.00	39.18 -0.64 0.00	37.01 -0.56 0.00	37.36 -0.57 0.00	35.07 -0.57 0.00	36.56 -0.52 0.00	38.34 -0.58 0.00	39.37 -0.60 0.00	42.78 -0.65 0.00	47.39 -0.48 0.00	52.03 -0.31 0.00	55.30 -0.11 0.00	55.03 -0.39 0.00	47.33 -0.38 0.00	39.98 -0.57 0.00	35.35 -0.36 0.00
NEG MILLWOOD___DRP 24198	30.59 2.13 0.00	27.17 1.87 0.00	27.59 1.95 0.00	26.69 1.88 0.00	26.38 1.82 0.00	31.55 1.98 0.00	38.93 2.10 0.00	43.55 2.62 0.00	44.90 2.82 0.00	42.64 2.83 0.00	40.31 2.74 0.00	40.70 2.77 0.00	38.17 2.53 0.00	39.79 2.71 0.00	41.84 2.92 0.00	43.17 3.20 0.00	46.86 3.43 0.00	51.36 3.49 0.00	55.90 3.56 0.00	59.07 3.66 0.00	59.29 3.88 0.00	50.91 3.20 0.00	43.34 2.80 0.00	37.92 2.21 0.00
NEG NORTH_FLCN_SEA 23793	28.25 -0.20 0.00	25.07 -0.23 0.00	25.43 -0.21 0.00	24.63 -0.17 0.00	24.32 -0.25 0.00	29.48 -0.09 0.00	37.35 0.52 0.00	41.58 0.65 0.00	42.84 0.76 0.00	40.49 0.68 0.00	38.21 0.64 0.00	38.54 0.61 0.00	36.14 0.50 0.00	37.53 0.44 0.00	39.46 0.54 0.00	40.49 0.52 0.00	44.12 0.69 0.00	48.87 1.01 0.00	53.60 1.26 0.00	56.63 1.22 0.00	56.63 1.22 0.00	48.66 0.95 0.00	41.39 0.85 0.00	36.24 0.54 0.00
NEG NORTH_KES_CHATEGAY 23792	28.00 -0.46 0.00	24.84 -0.46 0.00	25.20 -0.44 0.00	24.41 -0.40 0.00	24.12 -0.44 0.00	29.22 -0.35 0.00	37.02 0.18 0.00	41.26 0.33 0.00	42.46 0.38 0.00	40.13 0.32 0.00	37.83 0.26 0.00	38.19 0.27 0.00	35.82 0.18 0.00	37.19 0.11 0.00	39.11 0.19 0.00	40.13 0.16 0.00	43.73 0.30 0.00	48.39 0.53 0.00	53.07 0.73 0.00	56.13 0.72 0.00	56.13 0.72 0.00	48.28 0.57 0.00	41.03 0.49 0.00	35.96 0.25 0.00
NEG NORTH___ALICE_FALLS 23915	28.37 -0.09 0.00	25.15 -0.15 0.00	25.51 -0.13 0.00	24.70 -0.10 0.00	24.39 -0.17 0.00	29.57 0.00 0.00	37.46 0.63 0.00	41.75 0.82 0.00	42.96 0.88 0.00	40.57 0.76 0.00	38.32 0.75 0.00	38.65 0.72 0.00	36.25 0.61 0.00	37.64 0.56 0.00	39.54 0.62 0.00	40.57 0.60 0.00	44.25 0.83 0.00	49.11 1.24 0.00	53.86 1.52 0.00	56.97 1.55 0.00	56.91 1.50 0.00	48.90 1.19 0.00	41.56 1.01 0.00	36.39 0.68 0.00
NEG NORTH___LWR_SARANAC 23913	28.37 -0.09 0.00	25.15 -0.15 0.00	25.51 -0.13 0.00	24.70 -0.10 0.00	24.39 -0.17 0.00	29.57 0.00 0.00	37.46 0.63 0.00	41.75 0.82 0.00	42.96 0.88 0.00	40.57 0.76 0.00	38.32 0.75 0.00	38.65 0.72 0.00	36.25 0.61 0.00	37.64 0.56 0.00	39.54 0.62 0.00	40.57 0.60 0.00	44.25 0.83 0.00	49.11 1.24 0.00	53.86 1.52 0.00	56.97 1.55 0.00	56.91 1.50 0.00	48.90 1.19 0.00	41.56 1.01 0.00	36.39 0.68 0.00
NEG NORTH___PLATTSBURG 23628	28.37 -0.09 0.00	25.15 -0.15 0.00	25.51 -0.13 0.00	24.70 -0.10 0.00	24.39 -0.17 0.00	29.57 0.00 0.00	37.35 0.52 0.00	41.75 0.82 0.00	42.97 0.89 0.00	40.57 0.75 0.00	38.32 0.75 0.00	38.65 0.72 0.00	36.25 0.61 0.00	37.64 0.56 0.00	39.54 0.62 0.00	40.57 0.60 0.00	44.25 0.82 0.00	49.11 1.24 0.00	53.86 1.52 0.00	56.96 1.55 0.00	56.91 1.50 0.00	48.90 1.19 0.00	41.56 1.01 0.00	36.38 0.68 0.00
NEG WEST_LEA_LOCKPORT 23791	26.97 -1.48 0.00	23.98 -1.32 0.00	24.13 -1.51 0.00	23.36 -1.44 0.00	23.26 -1.30 0.00	27.97 -1.60 0.00	34.03 -2.80 0.00	37.29 -3.64 0.00	38.21 -3.87 0.00	35.95 -3.86 0.00	34.00 -3.57 0.00	34.33 -3.60 0.00	32.33 -3.31 0.00	33.82 -3.26 0.00	35.07 -3.85 0.00	36.25 -3.72 0.00	39.04 -4.39 0.00	43.27 -4.59 0.00	48.15 -4.19 0.00	51.37 -4.05 0.00	50.70 -4.71 0.00	43.66 -4.06 0.00	36.93 -3.61 0.00	33.28 -2.43 0.00
NEG WEST___LANCASTR 23811	27.54 -0.91 0.00	24.49 -0.81 0.00	24.59 -1.05 0.00	23.81 -0.99 0.00	23.73 -0.84 0.00	28.54 -1.03 0.00	34.84 -1.99 0.00	38.35 -2.58 0.00	39.35 -2.74 0.00	37.07 -2.75 0.00	35.05 -2.52 0.00	35.43 -2.50 0.00	33.33 -2.32 0.00	34.86 -2.22 0.00	36.20 -2.72 0.00	37.41 -2.56 0.00	40.39 -3.04 0.00	44.75 -3.11 0.00	49.67 -2.67 0.00	53.03 -2.38 0.00	52.48 -2.94 0.00	44.99 -2.72 0.00	37.99 -2.55 0.00	33.99 -1.71 0.00
NEG_PENN_ALLEGHNY 23528	28.80 0.34 0.00	25.60 0.30 0.00	25.84 0.20 0.00	25.00 0.20 0.00	24.83 0.27 0.00	29.84 0.27 0.00	36.91 0.07 0.00	40.93 0.00 0.00	42.04 -0.04 0.00	39.77 -0.04 0.00	37.57 0.00 0.00	37.89 -0.04 0.00	35.61 -0.04 0.00	37.12 0.04 0.00	38.92 0.00 0.00	40.05 0.08 0.00	43.34 -0.09 0.00	47.91 0.05 0.00	52.55 0.21 0.00	55.86 0.44 0.00	55.64 0.22 0.00	47.81 0.10 0.00	40.46 -0.08 0.00	35.74 0.04 0.00
NEG___GEN_MONROE 24207	27.86 -0.60 0.00	24.79 -0.51 0.00	25.02 -0.62 0.00	24.18 -0.62 0.00	24.07 -0.49 0.00	29.01 -0.56 0.00	35.47 -1.36 0.00	39.01 -1.92 0.00	40.02 -2.06 0.00	37.74 -2.07 0.00	35.65 -1.92 0.00	35.99 -1.93 0.00	33.75 -1.89 0.00	35.23 -1.85 0.00	36.74 -2.18 0.00	37.81 -2.16 0.00	40.82 -2.61 0.00	45.38 -2.49 0.00	50.14 -2.20 0.00	53.53 -1.88 0.00	52.98 -2.44 0.00	45.66 -2.05 0.00	38.68 -1.86 0.00	34.49 -1.21 0.00
NEPA___ENERGY 23901	27.83 -0.63 0.00	24.74 -0.56 0.00	24.82 -0.82 0.00	24.03 -0.77 0.00	23.97 -0.59 0.00	28.83 -0.74 0.00	35.25 -1.58 0.00	38.84 -2.09 0.00	39.77 -2.31 0.00	37.58 -2.23 0.00	35.50 -2.07 0.00	35.88 -2.05 0.00	33.75 -1.89 0.00	35.30 -1.78 0.00	36.66 -2.26 0.00	37.89 -2.08 0.00	40.91 -2.52 0.00	45.33 -2.54 0.00	50.30 -2.04 0.00	53.70 -1.72 0.00	53.14 -2.27 0.00	45.56 -2.15 0.00	38.43 -2.11 0.00	34.32 -1.39 0.00

NEVERSINK___HYD 23608	30.61 2.16 0.00	27.22 1.92 0.00	27.56 1.92 0.00	26.69 1.88 0.00	26.41 1.84 0.00	31.58 2.01 0.00	39.04 2.21 0.00	43.67 2.74 0.00	44.98 2.90 0.00	42.44 2.63 0.00	40.05 2.48 0.00	40.43 2.50 0.00	37.93 2.28 0.00	39.49 2.41 0.00	41.53 2.61 0.00	42.93 2.96 0.00	46.73 3.30 0.00	51.36 3.49 0.00	55.95 3.61 0.00	59.46 4.04 0.00	59.68 4.27 0.00	51.19 3.48 0.00	43.50 2.96 0.00	38.17 2.46 0.00
NEWKRMKL_115KV_TB1 55635	29.36 0.91 0.00	26.13 0.83 0.00	26.54 0.90 0.00	25.67 0.87 0.00	25.40 0.84 0.00	30.40 0.83 0.00	37.64 0.81 0.00	41.63 0.70 0.00	42.80 0.72 0.00	40.45 0.64 0.00	38.17 0.60 0.00	38.54 0.61 0.00	36.28 0.64 0.00	37.75 0.67 0.00	39.66 0.74 0.00	40.81 0.84 0.00	44.25 0.83 0.00	48.63 0.77 0.00	52.92 0.58 0.00	56.02 0.61 0.00	56.08 0.66 0.00	48.28 0.57 0.00	41.27 0.73 0.00	36.28 0.57 0.00
NEWTON___FALLS_HYD 23847	27.20 -1.25 0.00	24.13 -1.16 0.00	24.46 -1.18 0.00	23.69 -1.12 0.00	23.46 -1.11 0.00	28.45 -1.12 0.00	35.95 -0.88 0.00	39.91 -1.02 0.00	40.99 -1.09 0.00	38.74 -1.07 0.00	36.59 -0.98 0.00	36.91 -1.02 0.00	34.54 -1.10 0.00	35.86 -1.22 0.00	37.75 -1.17 0.00	38.77 -1.20 0.00	42.30 -1.13 0.00	46.81 -1.05 0.00	51.50 -0.84 0.00	54.75 -0.66 0.00	54.92 -0.50 0.00	47.14 -0.57 0.00	40.02 -0.53 0.00	35.03 -0.68 0.00
NGRID_A1_DSASP 323792	26.77 -1.68 0.00	23.88 -1.42 0.00	24.00 -1.64 0.00	23.24 -1.56 0.00	23.16 -1.40 0.00	27.77 -1.80 0.00	33.70 -3.13 0.00	36.80 -4.13 0.00	37.66 -4.42 0.00	35.67 -4.14 0.00	33.70 -3.87 0.00	33.87 -4.06 0.00	31.93 -3.71 0.00	33.41 -3.67 0.00	34.79 -4.13 0.00	35.73 -4.24 0.00	38.48 -4.95 0.00	42.60 -5.27 0.00	47.37 -4.97 0.00	50.48 -4.93 0.00	49.82 -5.59 0.00	42.94 -4.77 0.00	36.37 -4.17 0.00	32.82 -2.89 0.00
NGRID_A2_DSASP 323793	26.77 -1.68 0.00	23.88 -1.42 0.00	24.00 -1.64 0.00	23.24 -1.56 0.00	23.16 -1.40 0.00	27.77 -1.80 0.00	33.70 -3.13 0.00	36.80 -4.13 0.00	37.66 -4.42 0.00	35.67 -4.14 0.00	33.70 -3.87 0.00	33.87 -4.06 0.00	31.93 -3.71 0.00	33.41 -3.67 0.00	34.79 -4.13 0.00	35.73 -4.24 0.00	38.48 -4.95 0.00	42.60 -5.27 0.00	47.37 -4.97 0.00	50.48 -4.93 0.00	49.82 -5.59 0.00	42.94 -4.77 0.00	36.37 -4.17 0.00	32.82 -2.89 0.00
NGRID_A4_DSASP 323807	26.77 -1.68 0.00	23.88 -1.42 0.00	24.00 -1.64 0.00	23.24 -1.56 0.00	23.16 -1.40 0.00	27.77 -1.80 0.00	33.70 -3.13 0.00	36.80 -4.13 0.00	37.66 -4.42 0.00	35.67 -4.14 0.00	33.70 -3.87 0.00	33.87 -4.06 0.00	31.93 -3.71 0.00	33.41 -3.67 0.00	34.79 -4.13 0.00	35.73 -4.24 0.00	38.48 -4.95 0.00	42.60 -5.27 0.00	47.37 -4.97 0.00	50.48 -4.93 0.00	49.82 -5.59 0.00	42.94 -4.77 0.00	36.37 -4.17 0.00	32.82 -2.89 0.00
NIAGARA_115E_LBMP 323715	26.43 -2.02 0.00	23.53 -1.77 0.00	23.64 -2.00 0.00	22.89 -1.91 0.00	22.82 -1.74 0.00	27.44 -2.13 0.00	33.37 -3.46 0.00	36.51 -4.42 0.00	37.41 -4.67 0.00	35.39 -4.42 0.00	33.44 -4.13 0.00	33.64 -4.29 0.00	31.68 -3.96 0.00	33.15 -3.93 0.00	34.52 -4.40 0.00	35.50 -4.48 0.00	38.26 -5.17 0.00	42.41 -5.46 0.00	47.16 -5.18 0.00	50.32 -5.10 0.00	49.71 -5.71 0.00	42.80 -4.91 0.00	36.24 -4.30 0.00	32.67 -3.04 0.00
NIAGARA_115W_LBMP 323714	26.69 -1.76 0.00	23.83 -1.47 0.00	23.95 -1.69 0.00	23.16 -1.64 0.00	23.09 -1.47 0.00	27.68 -1.89 0.00	33.63 -3.20 0.00	36.67 -4.26 0.00	37.54 -4.55 0.00	35.55 -4.26 0.00	33.63 -3.94 0.00	33.80 -4.13 0.00	31.86 -3.78 0.00	33.30 -3.78 0.00	34.68 -4.24 0.00	35.62 -4.36 0.00	38.35 -5.08 0.00	42.46 -5.41 0.00	47.16 -5.18 0.00	50.26 -5.15 0.00	49.65 -5.76 0.00	42.80 -4.91 0.00	36.24 -4.30 0.00	32.71 -3.00 0.00
NIAGARA_230_LBMP 323716	26.97 -1.48 0.00	23.98 -1.32 0.00	24.13 -1.51 0.00	23.34 -1.46 0.00	23.26 -1.30 0.00	27.97 -1.60 0.00	34.00 -2.84 0.00	37.12 -3.81 0.00	38.00 -4.08 0.00	35.99 -3.82 0.00	34.00 -3.57 0.00	34.17 -3.76 0.00	32.22 -3.42 0.00	33.71 -3.37 0.00	35.11 -3.81 0.00	36.06 -3.92 0.00	38.82 -4.60 0.00	42.98 -4.88 0.00	47.73 -4.61 0.00	50.87 -4.54 0.00	50.20 -5.21 0.00	43.27 -4.44 0.00	36.65 -3.89 0.00	33.07 -2.64 0.00
NIAGARA___115KV_198_GIBSON 55903	26.69 -1.76 0.00	23.83 -1.47 0.00	23.95 -1.69 0.00	23.17 -1.64 0.00	23.09 -1.47 0.00	27.62 -1.95 0.00	33.59 -3.24 0.00	36.67 -4.26 0.00	37.54 -4.54 0.00	35.39 -4.42 0.00	33.44 -4.13 0.00	33.76 -4.17 0.00	31.86 -3.78 0.00	33.30 -3.78 0.00	34.52 -4.40 0.00	35.61 -4.36 0.00	38.30 -5.12 0.00	42.46 -5.41 0.00	47.16 -5.18 0.00	50.26 -5.15 0.00	49.65 -5.76 0.00	42.80 -4.91 0.00	36.25 -4.30 0.00	32.74 -2.96 0.00
NIAGARA____ 23760	26.97 -1.48 0.00	23.98 -1.32 0.00	24.13 -1.51 0.00	23.34 -1.46 0.00	23.26 -1.30 0.00	27.97 -1.60 0.00	34.00 -2.84 0.00	37.12 -3.81 0.00	38.00 -4.08 0.00	35.99 -3.82 0.00	34.00 -3.57 0.00	34.17 -3.76 0.00	32.22 -3.42 0.00	33.71 -3.37 0.00	35.11 -3.81 0.00	36.06 -3.92 0.00	38.82 -4.60 0.00	42.98 -4.88 0.00	47.73 -4.61 0.00	50.87 -4.54 0.00	50.20 -5.21 0.00	43.27 -4.44 0.00	36.65 -3.89 0.00	33.07 -2.64 0.00
NINE_MILE_1 23575	27.77 -0.68 0.00	24.69 -0.61 0.00	25.00 -0.64 0.00	24.18 -0.62 0.00	24.00 -0.56 0.00	28.86 -0.71 0.00	35.69 -1.14 0.00	39.50 -1.43 0.00	40.57 -1.51 0.00	38.38 -1.43 0.00	36.25 -1.32 0.00	36.57 -1.36 0.00	34.39 -1.25 0.00	35.78 -1.30 0.00	37.56 -1.36 0.00	38.45 -1.52 0.00	41.73 -1.69 0.00	46.09 -1.77 0.00	50.46 -1.88 0.00	53.53 -1.88 0.00	53.42 -1.99 0.00	45.95 -1.76 0.00	39.00 -1.54 0.00	34.49 -1.21 0.00
NINE_MILE_2 23744	27.77 -0.68 0.00	24.69 -0.61 0.00	25.00 -0.64 0.00	24.18 -0.62 0.00	24.00 -0.56 0.00	28.86 -0.71 0.00	35.69 -1.14 0.00	39.50 -1.43 0.00	40.57 -1.51 0.00	38.38 -1.43 0.00	36.25 -1.32 0.00	36.57 -1.36 0.00	34.39 -1.25 0.00	35.78 -1.30 0.00	37.56 -1.36 0.00	38.45 -1.52 0.00	41.73 -1.69 0.00	46.09 -1.77 0.00	50.46 -1.88 0.00	53.53 -1.88 0.00	53.42 -1.99 0.00	45.95 -1.76 0.00	39.00 -1.54 0.00	34.49 -1.21 0.00
NM_CAPITAL___DRP 24208	29.42 0.97 0.00	26.18 0.89 0.00	26.56 0.92 0.00	25.70 0.89 0.00	25.42 0.86 0.00	30.43 0.86 0.00	37.68 0.85 0.00	41.71 0.78 0.00	42.92 0.84 0.00	40.57 0.76 0.00	38.28 0.71 0.00	38.65 0.72 0.00	36.39 0.75 0.00	37.86 0.78 0.00	39.74 0.82 0.00	40.85 0.88 0.00	44.34 0.91 0.00	48.73 0.86 0.00	53.02 0.68 0.00	56.08 0.66 0.00	56.13 0.72 0.00	48.38 0.67 0.00	41.35 0.81 0.00	36.35 0.64 0.00
NM_CENTRAL___DRP 24181	28.45 0.00 0.00	25.30 0.00 0.00	25.59 -0.05 0.00	24.75 -0.05 0.00	24.56 0.00 0.00	29.54 -0.03 0.00	36.54 -0.29 0.00	40.48 -0.45 0.00	41.53 -0.55 0.00	39.30 -0.52 0.00	37.12 -0.45 0.00	37.47 -0.46 0.00	35.21 -0.43 0.00	36.71 -0.37 0.00	38.45 -0.47 0.00	39.49 -0.48 0.00	42.86 -0.56 0.00	47.34 -0.53 0.00	51.87 -0.47 0.00	55.08 -0.33 0.00	54.86 -0.55 0.00	47.19 -0.52 0.00	39.93 -0.61 0.00	35.31 -0.39 0.00

NM_FRONTIER___DRP 24179	26.69 -1.76 0.00	23.83 -1.47 0.00	23.95 -1.69 0.00	23.17 -1.64 0.00	23.09 -1.47 0.00	27.62 -1.95 0.00	33.59 -3.24 0.00	36.67 -4.26 0.00	37.54 -4.54 0.00	35.39 -4.42 0.00	33.44 -4.13 0.00	33.76 -4.17 0.00	31.86 -3.78 0.00	33.30 -3.78 0.00	34.52 -4.40 0.00	35.61 -4.36 0.00	38.30 -5.12 0.00	42.46 -5.41 0.00	47.16 -5.18 0.00	50.26 -5.15 0.00	49.65 -5.76 0.00	42.80 -4.91 0.00	36.25 -4.30 0.00	32.74 -2.96 0.00
NM_ST_REGIS___HYD 24053	27.26 -1.20 0.00	24.18 -1.11 0.00	24.51 -1.13 0.00	23.76 -1.04 0.00	23.46 -1.11 0.00	28.48 -1.09 0.00	36.35 -0.48 0.00	40.44 -0.49 0.00	41.62 -0.46 0.00	39.30 -0.52 0.00	37.08 -0.49 0.00	37.40 -0.53 0.00	35.00 -0.64 0.00	36.34 -0.74 0.00	38.26 -0.66 0.00	39.21 -0.76 0.00	42.82 -0.61 0.00	47.29 -0.57 0.00	51.92 -0.42 0.00	54.97 -0.44 0.00	55.08 -0.33 0.00	47.38 -0.33 0.00	40.42 -0.12 0.00	35.31 -0.39 0.00
NORTHPORT___1 23551	47.22 2.82 -15.95	46.26 2.61 -18.35	45.63 2.69 -17.29	45.05 2.58 -17.66	45.58 2.51 -18.51	45.69 2.81 -13.31	46.25 3.06 -6.36	47.22 3.52 -2.77	48.05 3.45 -2.52	48.05 3.34 -4.89	46.83 2.41 -6.86	48.38 2.43 -8.02	46.16 2.28 -8.23	51.66 2.41 -12.17	55.34 2.57 -13.85	60.74 2.80 -17.97	81.08 2.87 -34.78	51.80 2.68 -1.26	45.20 2.72 9.86	45.45 2.82 12.79	45.25 2.99 13.15	44.98 2.48 5.21	44.50 2.72 -1.24	43.76 2.57 -5.48
NORTHPORT___2 23552	47.22 2.82 -15.95	46.26 2.61 -18.35	45.63 2.69 -17.29	45.05 2.58 -17.66	45.58 2.51 -18.51	45.69 2.81 -13.31	46.25 3.06 -6.36	47.22 3.52 -2.77	48.05 3.45 -2.52	48.05 3.34 -4.89	46.83 2.41 -6.86	48.38 2.43 -8.02	46.16 2.28 -8.23	51.66 2.41 -12.17	55.34 2.57 -13.85	60.74 2.80 -17.97	81.08 2.87 -34.78	51.80 2.68 -1.26	45.20 2.72 9.86	45.45 2.82 12.79	45.25 2.99 13.15	44.98 2.48 5.21	44.50 2.72 -1.24	43.76 2.57 -5.48
NORTHPORT___3 23553	47.02 2.62 -15.95	46.03 2.38 -18.35	45.47 2.54 -17.29	44.90 2.43 -17.66	45.41 2.33 -18.51	45.48 2.60 -13.31	45.99 2.80 -6.36	46.93 3.23 -2.77	47.88 3.24 -2.56	47.93 3.14 -4.97	46.83 2.29 -6.97	48.44 2.35 -8.15	46.22 2.21 -8.37	51.79 2.34 -12.37	55.50 2.49 -14.08	60.97 2.72 -18.28	81.83 3.04 -35.36	52.40 3.11 -1.43	45.87 3.35 9.83	46.06 3.44 12.79	45.91 3.66 13.16	45.60 3.06 5.17	45.11 3.24 -1.32	44.23 2.96 -5.56
NORTHPORT___4 23650	47.02 2.62 -15.95	46.03 2.38 -18.35	45.47 2.54 -17.29	44.90 2.43 -17.66	45.41 2.33 -18.51	45.48 2.60 -13.31	45.99 2.80 -6.36	46.93 3.23 -2.77	47.88 3.24 -2.56	47.93 3.14 -4.97	46.83 2.29 -6.97	48.44 2.35 -8.15	46.22 2.21 -8.37	51.79 2.34 -12.37	55.50 2.49 -14.08	60.97 2.72 -18.28	81.83 3.04 -35.36	52.40 3.11 -1.43	45.87 3.35 9.83	46.06 3.44 12.79	45.91 3.66 13.16	45.60 3.06 5.17	45.11 3.24 -1.32	44.23 2.96 -5.56
NORTHPORT___IC 23718	47.25 2.85 -15.95	46.21 2.56 -18.35	45.63 2.69 -17.29	45.05 2.58 -17.66	45.58 2.51 -18.51	45.69 2.81 -13.31	46.21 3.02 -6.36	47.22 3.52 -2.77	48.05 3.45 -2.52	48.09 3.38 -4.89	46.87 2.44 -6.86	48.38 2.43 -8.02	46.16 2.28 -8.23	51.62 2.37 -12.17	55.38 2.61 -13.85	60.74 2.80 -17.97	81.08 2.87 -34.78	51.80 2.68 -1.26	45.20 2.72 9.86	45.46 2.83 12.79	45.25 2.99 13.15	44.98 2.48 5.21	44.50 2.72 -1.24	43.76 2.57 -5.48
NORTH___COUNTRY_ESR 323785	27.91 -0.54 0.00	24.79 -0.51 0.00	25.15 -0.49 0.00	24.36 -0.45 0.00	24.07 -0.49 0.00	29.16 -0.41 0.00	36.87 0.04 0.00	41.18 0.25 0.00	42.42 0.34 0.00	40.09 0.28 0.00	37.83 0.26 0.00	38.16 0.23 0.00	35.79 0.14 0.00	37.15 0.07 0.00	39.08 0.16 0.00	40.09 0.12 0.00	43.69 0.26 0.00	48.29 0.43 0.00	52.92 0.58 0.00	55.97 0.55 0.00	55.97 0.55 0.00	48.14 0.43 0.00	40.95 0.41 0.00	35.89 0.18 0.00
NPX_GEN_1385_PROXY 323591	46.10 2.73 -14.92	41.08 2.51 -13.28	38.33 2.59 -10.10	38.63 2.48 -11.35	41.60 2.41 -14.63	45.52 2.72 -13.23	46.40 3.13 -6.43	48.00 3.64 -3.43	48.05 3.45 -2.52	48.09 3.38 -4.89	46.87 2.44 -6.86	48.38 2.43 -8.02	46.16 2.28 -8.23	51.66 2.41 -12.17	54.86 2.45 -13.49	53.90 2.64 -11.29	59.30 2.69 -13.18	51.75 2.63 -1.26	51.01 2.88 4.21	56.90 2.99 1.50	55.86 3.21 2.77	46.70 2.67 3.68	44.50 2.72 -1.24	43.69 2.50 -5.48
NPX_GEN_CSC 323557	48.02 3.61 -15.95	46.84 3.19 -18.35	46.19 3.26 -17.29	45.59 3.13 -17.66	46.12 3.05 -18.51	46.26 3.46 -13.23	47.17 3.90 -6.43	48.28 4.58 -2.77	49.39 4.75 -2.56	49.29 4.50 -4.97	48.19 3.64 -6.97	49.80 3.72 -8.16	47.47 3.46 -8.37	53.20 3.74 -12.37	57.03 4.01 -14.10	62.57 4.32 -18.28	83.53 4.65 -35.45	173.02 4.79 -120.37	200.28 5.13 -142.81	206.24 5.37 -145.45	210.64 5.59 -149.63	149.87 4.68 -97.48	98.90 4.54 -53.82	45.43 4.07 -5.65
NSINS_S_GLNS_FALLS 23858	30.02 1.56 0.00	26.66 1.37 0.00	27.10 1.46 0.00	26.19 1.39 0.00	25.94 1.38 0.00	31.17 2.17 0.00	39.01 2.17 0.00	43.55 2.62 0.00	44.77 2.69 0.00	41.96 2.15 0.00	39.49 1.92 0.00	39.90 1.97 0.00	37.60 1.96 0.00	39.08 2.00 0.00	41.02 2.10 0.00	42.25 2.28 0.00	46.12 2.69 0.00	50.64 2.78 0.00	55.43 3.09 0.00	58.79 3.38 0.00	58.85 3.44 0.00	50.57 2.86 0.00	42.98 2.43 0.00	37.60 1.89 0.00
NUCOR_STEEL___DRP 24197	28.57 0.11 0.00	25.42 0.13 0.00	25.69 0.05 0.00	24.85 0.05 0.00	24.66 0.10 0.00	29.69 0.12 0.00	36.65 -0.18 0.00	40.56 -0.37 0.00	41.58 -0.50 0.00	39.26 -0.56 0.00	37.08 -0.49 0.00	37.44 -0.49 0.00	35.14 -0.50 0.00	36.64 -0.44 0.00	38.41 -0.51 0.00	39.41 -0.56 0.00	42.82 -0.61 0.00	47.43 -0.43 0.00	52.03 -0.31 0.00	55.30 -0.11 0.00	55.08 -0.33 0.00	47.38 -0.33 0.00	40.06 -0.49 0.00	35.46 -0.25 0.00
NUMBER_THREE_WT_PWR 323818	27.88 -0.57 0.00	24.72 -0.58 0.00	25.02 -0.62 0.00	24.28 -0.52 0.00	24.10 -0.47 0.00	29.16 -0.41 0.00	36.50 -0.33 0.00	40.56 -0.37 0.00	41.58 -0.50 0.00	39.46 -0.36 0.00	37.23 -0.34 0.00	37.59 -0.34 0.00	35.22 -0.43 0.00	36.60 -0.48 0.00	38.45 -0.47 0.00	39.53 -0.44 0.00	43.13 -0.30 0.00	47.86 0.00 0.00	52.76 0.42 0.00	56.13 0.72 0.00	56.30 0.88 0.00	48.33 0.62 0.00	40.79 0.24 0.00	35.74 0.04 0.00
NYISO_LBMP_REFERENCE 24008	28.45 0.00 0.00	25.30 0.00 0.00	25.64 0.00 0.00	24.80 0.00 0.00	24.56 0.00 0.00	29.57 0.00 0.00	36.83 0.00 0.00	40.93 0.00 0.00	42.08 0.00 0.00	39.81 0.00 0.00	37.57 0.00 0.00	37.93 0.00 0.00	35.64 0.00 0.00	37.08 0.00 0.00	38.92 0.00 0.00	39.97 0.00 0.00	43.43 0.00 0.00	47.86 0.00 0.00	52.34 0.00 0.00	55.41 0.00 0.00	55.41 0.00 0.00	47.71 0.00 0.00	40.54 0.00 0.00	35.71 0.00 0.00
NYPA_BRENTWD____GT 24164	47.65 3.24 -15.95	46.56 2.91 -18.35	45.91 2.97 -17.29	45.32 2.85 -17.66	45.85 2.77 -18.51	46.01 3.13 -13.31	46.70 3.50 -6.36	47.79 4.09 -2.77	48.87 4.17 -2.62	48.88 3.98 -5.09	47.82 3.12 -7.13	49.42 3.15 -8.34	47.13 2.92 -8.57	52.86 3.12 -12.66	56.70 3.35 -14.43	62.27 3.60 -18.70	83.15 3.52 -36.21	85.30 3.30 -34.14	87.61 3.40 -31.87	89.34 3.55 -30.38	90.38 3.71 -31.25	73.72 3.10 -22.91	59.92 3.61 -15.77	44.71 3.28 -5.72

NYPA_GOWANUS____GT5 24156	30.98 2.50 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.21 2.36 -0.02	43.85 2.86 -0.06	49.33 3.11 -4.14	51.41 3.14 -8.45	52.62 3.08 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.56 3.43 -12.22	55.72 3.68 -12.08	53.75 3.95 -6.37	51.67 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.46 4.04 0.00	51.08 3.34 -0.03	52.53 2.96 -9.03	38.16 2.39 -0.06
NYPA_GOWANUS____GT6 24157	30.98 2.50 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.21 2.36 -0.02	43.85 2.86 -0.06	49.33 3.11 -4.14	51.41 3.14 -8.45	52.62 3.08 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.56 3.43 -12.22	55.72 3.68 -12.08	53.75 3.95 -6.37	51.67 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.46 4.04 0.00	51.08 3.34 -0.03	52.53 2.96 -9.03	38.16 2.39 -0.06
NYPA_HARLEM__RVR__GT1 24160	30.87 2.42 0.00	27.50 2.20 0.00	27.97 2.33 0.00	27.04 2.23 -0.01	26.68 2.11 0.00	31.57 2.01 0.01	38.85 2.02 0.01	43.50 2.58 0.01	44.89 2.82 0.01	42.67 2.87 0.01	40.34 2.78 0.01	40.84 2.92 0.01	38.38 2.74 0.01	39.97 2.89 0.01	42.03 3.11 0.01	43.36 3.40 0.01	47.02 3.60 0.01	51.25 3.40 0.01	55.58 3.25 0.01	58.79 3.38 0.01	58.90 3.49 0.01	50.61 2.91 0.01	43.17 2.63 0.01	37.92 2.21 0.00
NYPA_HARLEM__RVR__GT2 24161	30.87 2.42 0.00	27.50 2.20 0.00	27.97 2.33 0.00	27.04 2.23 -0.01	26.68 2.11 0.00	31.57 2.01 0.01	38.85 2.02 0.01	43.50 2.58 0.01	44.89 2.82 0.01	42.67 2.87 0.01	40.34 2.78 0.01	40.84 2.92 0.01	38.38 2.74 0.01	39.97 2.89 0.01	42.03 3.11 0.01	43.36 3.40 0.01	47.02 3.60 0.01	51.25 3.40 0.01	55.58 3.25 0.01	58.79 3.38 0.01	58.90 3.49 0.01	50.61 2.91 0.01	43.17 2.63 0.01	37.92 2.21 0.00
NYPA_KENT____GT 24152	30.94 2.47 -0.01	27.54 2.23 -0.01	27.99 2.33 -0.01	27.04 2.23 -0.01	26.73 2.16 0.00	31.83 2.25 -0.01	39.17 2.32 -0.01	43.83 2.86 -0.03	47.56 3.11 -2.37	47.76 3.11 -4.84	47.46 3.04 -6.85	47.52 3.15 -6.45	47.21 2.96 -8.62	47.41 3.12 -7.22	49.30 3.38 -6.99	50.52 3.64 -6.91	50.98 3.91 -3.65	51.62 3.74 -0.02	56.00 3.66 0.00	59.18 3.77 0.00	59.41 3.99 0.00	51.02 3.29 -0.02	48.63 2.92 -5.17	38.13 2.39 -0.03
NYPA_POUCH1____GT 24155	30.95 2.47 -0.02	27.62 2.30 -0.02	28.07 2.41 -0.02	27.12 2.31 -0.01	26.83 2.26 -0.01	31.96 2.37 -0.02	39.21 2.36 -0.02	43.69 2.70 -0.06	49.16 2.94 -4.14	51.25 2.99 -8.45	52.43 2.89 -11.97	52.23 3.04 -11.26	53.54 2.85 -15.05	52.69 3.00 -12.61	54.41 3.27 -12.22	55.57 3.52 -12.08	53.57 3.78 -6.37	51.53 3.64 -0.03	55.90 3.56 0.00	59.07 3.66 0.00	59.29 3.88 0.00	50.89 3.15 -0.03	52.37 2.80 -9.03	37.98 2.21 -0.06
NYPA_VERNON____GT2 24162	30.87 2.42 0.00	27.48 2.18 0.00	27.92 2.28 0.00	26.99 2.18 -0.01	26.65 2.09 0.00	31.76 2.19 0.00	39.12 2.28 0.00	43.80 2.86 -0.01	45.80 3.11 -0.60	44.15 3.01 -1.23	42.31 3.01 -1.74	42.71 3.15 -1.63	40.78 2.96 -2.18	42.02 3.12 -1.83	44.04 3.35 -1.77	45.36 3.64 -1.75	48.22 3.86 -0.92	51.60 3.74 0.00	55.95 3.61 0.00	59.18 3.77 0.00	59.35 3.93 0.00	50.96 3.25 0.00	44.73 2.88 -1.31	38.15 2.43 -0.01
NYPA_VERNON____GT3 24163	30.87 2.42 0.00	27.48 2.18 0.00	27.92 2.28 0.00	26.99 2.18 -0.01	26.65 2.09 0.00	31.76 2.19 0.00	39.12 2.28 0.00	43.80 2.86 -0.01	45.80 3.11 -0.60	44.15 3.01 -1.23	42.31 3.01 -1.74	42.71 3.15 -1.63	40.78 2.96 -2.18	42.02 3.12 -1.83	44.04 3.35 -1.77	45.36 3.64 -1.75	48.22 3.86 -0.92	51.60 3.74 0.00	55.95 3.61 0.00	59.18 3.77 0.00	59.35 3.93 0.00	50.96 3.25 0.00	44.73 2.88 -1.31	38.15 2.43 -0.01
NYPA__ASTORIA_CC1 323568	30.87 2.42 0.00	27.45 2.15 0.00	27.92 2.28 0.00	26.99 2.18 -0.01	26.63 2.06 0.00	31.73 2.16 0.00	39.04 2.21 0.00	43.71 2.78 0.00	45.11 3.03 0.00	42.84 3.02 0.00	40.54 2.97 0.00	41.00 3.07 0.00	38.53 2.89 0.00	40.12 3.04 0.00	42.23 3.31 0.00	43.53 3.56 0.00	47.20 3.78 0.00	51.50 3.64 0.00	55.90 3.56 0.00	59.07 3.66 0.00	59.24 3.82 0.00	50.86 3.15 0.00	43.38 2.84 0.00	38.06 2.36 0.00
NYPA__ASTORIA_CC2 323569	30.87 2.42 0.00	27.45 2.15 0.00	27.92 2.28 0.00	26.99 2.18 -0.01	26.63 2.06 0.00	31.73 2.16 0.00	39.04 2.21 0.00	43.71 2.78 0.00	45.11 3.03 0.00	42.84 3.02 0.00	40.54 2.97 0.00	41.00 3.07 0.00	38.53 2.89 0.00	40.12 3.04 0.00	42.23 3.31 0.00	43.53 3.56 0.00	47.20 3.78 0.00	51.50 3.64 0.00	55.90 3.56 0.00	59.07 3.66 0.00	59.24 3.82 0.00	50.86 3.15 0.00	43.38 2.84 0.00	38.06 2.36 0.00
NYPA__HOLTSVILL 23794	47.67 3.27 -15.95	46.56 2.91 -18.35	45.93 3.00 -17.29	45.34 2.88 -17.66	45.85 2.77 -18.51	46.04 3.17 -13.31	46.62 3.43 -6.36	47.75 4.05 -2.77	48.76 4.13 -2.55	48.72 3.94 -4.96	47.61 3.08 -6.96	49.21 3.15 -8.14	46.92 2.92 -8.36	52.55 3.12 -12.35	56.34 3.35 -14.07	61.81 3.60 -18.24	82.59 3.78 -35.38	169.48 3.78 -117.84	195.90 3.98 -139.58	201.68 4.16 -142.11	205.93 4.33 -146.19	146.64 3.62 -95.31	96.93 3.69 -52.70	44.71 3.36 -5.64
NYPA____HELLGATE_GT1 24158	30.87 2.42 0.00	27.50 2.20 0.00	27.97 2.33 0.00	27.04 2.23 -0.01	26.68 2.11 0.00	31.57 2.01 0.01	38.85 2.02 0.01	43.50 2.58 0.01	44.89 2.82 0.01	42.67 2.87 0.01	40.34 2.78 0.01	40.84 2.92 0.01	38.38 2.74 0.01	39.97 2.89 0.01	42.03 3.11 0.01	43.36 3.40 0.01	47.02 3.60 0.01	51.25 3.40 0.01	55.58 3.25 0.01	58.79 3.38 0.01	58.90 3.49 0.01	50.61 2.91 0.01	43.17 2.63 0.01	37.92 2.21 0.00
NYPA____HELLGATE_GT2 24159	30.87 2.42 0.00	27.50 2.20 0.00	27.97 2.33 0.00	27.04 2.23 -0.01	26.68 2.11 0.00	31.57 2.01 0.01	38.85 2.02 0.01	43.50 2.58 0.01	44.89 2.82 0.01	42.67 2.87 0.01	40.34 2.78 0.01	40.84 2.92 0.01	38.38 2.74 0.01	39.97 2.89 0.01	42.03 3.11 0.01	43.36 3.40 0.01	47.02 3.60 0.01	51.25 3.40 0.01	55.58 3.25 0.01	58.79 3.38 0.01	58.90 3.49 0.01	50.61 2.91 0.01	43.17 2.63 0.01	37.92 2.21 0.00
NYS_BARGE__HYD 23848	26.92 -1.54 0.00	23.96 -1.34 0.00	24.10 -1.54 0.00	23.32 -1.49 0.00	23.24 -1.33 0.00	27.97 -1.60 0.00	34.00 -2.84 0.00	37.25 -3.68 0.00	38.17 -3.91 0.00	36.11 -3.70 0.00	34.15 -3.42 0.00	34.32 -3.60 0.00	32.29 -3.35 0.00	33.82 -3.26 0.00	35.22 -3.70 0.00	36.21 -3.76 0.00	39.00 -4.43 0.00	43.27 -4.60 0.00	48.15 -4.19 0.00	51.37 -4.04 0.00	50.70 -4.71 0.00	43.65 -4.06 0.00	36.93 -3.61 0.00	33.24 -2.46 0.00
OAK_ORCHARD__HYD 24046	27.77 -0.68 0.00	24.69 -0.61 0.00	24.95 -0.69 0.00	24.11 -0.69 0.00	24.00 -0.56 0.00	28.89 -0.68 0.00	35.40 -1.44 0.00	38.97 -1.96 0.00	39.98 -2.10 0.00	37.90 -1.91 0.00	35.84 -1.73 0.00	36.07 -1.86 0.00	33.93 -1.71 0.00	35.41 -1.67 0.00	37.01 -1.91 0.00	38.01 -1.96 0.00	41.04 -2.39 0.00	45.52 -2.34 0.00	50.25 -2.10 0.00	53.47 -1.94 0.00	52.92 -2.49 0.00	45.56 -2.15 0.00	38.56 -1.99 0.00	34.39 -1.32 0.00

OAKDALE___35_KV_LOAD 356122	28.74 0.28 0.00	25.55 0.25 0.00	25.79 0.15 0.00	24.98 0.17 0.00	24.79 0.22 0.00	29.78 0.21 0.00	36.80 -0.04 0.00	40.81 -0.12 0.00	41.83 -0.25 0.00	39.58 -0.24 0.00	37.34 -0.23 0.00	37.70 -0.23 0.00	35.43 -0.21 0.00	36.93 -0.15 0.00	38.69 -0.23 0.00	39.81 -0.16 0.00	43.21 -0.22 0.00	47.72 -0.14 0.00	52.39 0.05 0.00	55.64 0.22 0.00	55.47 0.06 0.00	47.66 -0.05 0.00	40.34 -0.20 0.00	35.67 -0.04 0.00
OCC_CHEM___DRP 24175	26.77 -1.68 0.00	23.88 -1.42 0.00	24.00 -1.64 0.00	23.24 -1.56 0.00	23.16 -1.40 0.00	27.71 -1.86 0.00	33.70 -3.13 0.00	36.80 -4.13 0.00	37.66 -4.42 0.00	35.51 -4.30 0.00	33.51 -4.06 0.00	33.87 -4.06 0.00	31.94 -3.71 0.00	33.41 -3.67 0.00	34.60 -4.32 0.00	35.73 -4.24 0.00	38.43 -4.99 0.00	42.60 -5.27 0.00	47.37 -4.97 0.00	50.43 -4.99 0.00	49.82 -5.60 0.00	42.94 -4.77 0.00	36.37 -4.18 0.00	32.85 -2.86 0.00
OH_GEN_PROXY 24063	27.00 -1.45 0.00	24.01 -1.29 0.00	24.15 -1.49 0.00	23.36 -1.44 0.00	23.29 -1.28 0.00	27.93 -1.57 0.07	34.14 -2.76 -0.07	37.21 -3.72 0.00	38.08 -4.00 0.00	36.07 -3.74 0.00	34.08 -3.49 0.00	34.29 -3.64 0.00	32.33 -3.31 0.00	33.78 -3.30 0.00	35.18 -3.74 0.00	36.13 -3.84 0.00	38.91 -4.52 0.00	43.12 -4.74 0.00	47.89 -4.45 0.00	50.98 -4.44 0.00	50.37 -5.04 0.00	43.42 -4.29 0.00	36.73 -3.81 0.00	33.10 -2.61 0.00
OLIN_CORP_DRP 24177	26.52 -1.93 0.00	23.60 -1.69 0.00	23.74 -1.90 0.00	22.97 -1.84 0.00	22.89 -1.67 0.00	27.50 -2.07 0.00	33.44 -3.39 0.00	36.63 -4.30 0.00	37.54 -4.54 0.00	35.32 -4.50 0.00	33.40 -4.17 0.00	33.76 -4.17 0.00	31.79 -3.85 0.00	33.26 -3.82 0.00	34.44 -4.48 0.00	35.61 -4.36 0.00	38.35 -5.08 0.00	42.50 -5.36 0.00	47.26 -5.08 0.00	50.43 -4.99 0.00	49.82 -5.60 0.00	42.89 -4.82 0.00	36.33 -4.22 0.00	32.78 -2.93 0.00
OLIN_CORP_DSASP 323712	26.77 -1.68 0.00	23.88 -1.42 0.00	24.00 -1.64 0.00	23.24 -1.56 0.00	23.16 -1.40 0.00	27.77 -1.80 0.00	33.70 -3.13 0.00	36.80 -4.13 0.00	37.66 -4.42 0.00	35.67 -4.14 0.00	33.70 -3.87 0.00	33.87 -4.06 0.00	31.93 -3.71 0.00	33.41 -3.67 0.00	34.79 -4.13 0.00	35.73 -4.24 0.00	38.48 -4.95 0.00	42.60 -5.27 0.00	47.37 -4.97 0.00	50.48 -4.93 0.00	49.82 -5.59 0.00	42.94 -4.77 0.00	36.37 -4.17 0.00	32.82 -2.89 0.00
ONEIDA_HERK_LFGE 323681	28.62 0.17 0.00	25.43 0.13 0.00	25.74 0.10 0.00	24.93 0.12 0.00	24.71 0.15 0.00	29.84 0.27 0.00	37.16 0.33 0.00	41.26 0.33 0.00	42.38 0.30 0.00	40.09 0.28 0.00	37.87 0.30 0.00	38.23 0.30 0.00	35.86 0.22 0.00	37.27 0.19 0.00	39.15 0.23 0.00	40.25 0.28 0.00	43.82 0.39 0.00	48.48 0.62 0.00	53.28 0.94 0.00	56.58 1.17 0.00	56.69 1.28 0.00	48.71 1.00 0.00	41.15 0.61 0.00	36.14 0.43 0.00
ONEIDA___115KV_TB4 55905	29.14 0.68 0.00	25.91 0.61 0.00	26.20 0.56 0.00	25.35 0.55 0.00	25.15 0.59 0.00	30.31 0.74 0.00	37.64 0.81 0.00	41.75 0.82 0.00	42.84 0.76 0.00	40.41 0.60 0.00	38.17 0.60 0.00	38.54 0.61 0.00	36.18 0.53 0.00	37.60 0.52 0.00	39.46 0.54 0.00	40.61 0.64 0.00	44.21 0.78 0.00	48.92 1.05 0.00	53.70 1.36 0.00	57.02 1.61 0.00	57.08 1.66 0.00	49.00 1.29 0.00	41.39 0.85 0.00	36.42 0.71 0.00
ONONDAGA_REF_OCCRA 23987	28.54 0.09 0.00	25.37 0.08 0.00	25.66 0.03 0.00	24.83 0.02 0.00	24.64 0.07 0.00	29.63 0.06 0.00	36.65 -0.18 0.00	40.64 -0.29 0.00	41.66 -0.42 0.00	39.38 -0.44 0.00	37.23 -0.34 0.00	37.55 -0.38 0.00	35.29 -0.36 0.00	36.75 -0.33 0.00	38.53 -0.39 0.00	39.57 -0.40 0.00	42.99 -0.43 0.00	47.53 -0.34 0.00	52.08 -0.26 0.00	55.30 -0.11 0.00	55.14 -0.28 0.00	47.38 -0.33 0.00	40.10 -0.45 0.00	35.42 -0.29 0.00
ONONDAGA___COGEN 23986	28.48 0.03 0.00	25.32 0.03 0.00	25.59 -0.05 0.00	24.75 -0.05 0.00	24.56 0.00 0.00	29.57 0.00 0.00	36.57 -0.26 0.00	40.52 -0.41 0.00	41.53 -0.55 0.00	39.26 -0.56 0.00	37.12 -0.45 0.00	37.47 -0.46 0.00	35.21 -0.43 0.00	36.67 -0.41 0.00	38.45 -0.47 0.00	39.45 -0.52 0.00	42.86 -0.56 0.00	47.39 -0.48 0.00	51.92 -0.42 0.00	55.08 -0.33 0.00	54.92 -0.50 0.00	47.19 -0.52 0.00	39.98 -0.57 0.00	35.31 -0.39 0.00
ONTARIO___LFGE 23819	28.57 0.11 0.00	25.43 0.13 0.00	25.64 0.00 0.00	24.80 0.00 0.00	24.66 0.10 0.00	29.72 0.15 0.00	36.69 -0.15 0.00	40.56 -0.37 0.00	41.45 -0.63 0.00	39.14 -0.68 0.00	36.97 -0.60 0.00	37.21 -0.72 0.00	34.93 -0.71 0.00	36.49 -0.59 0.00	38.18 -0.74 0.00	39.29 -0.68 0.00	42.60 -0.83 0.00	47.34 -0.53 0.00	51.98 -0.36 0.00	55.36 -0.06 0.00	54.97 -0.45 0.00	47.38 -0.33 0.00	39.97 -0.57 0.00	35.42 -0.29 0.00
ORANGEVILLE_WT_PWR 323706	27.66 -0.80 0.00	24.59 -0.71 0.00	24.69 -0.95 0.00	23.91 -0.89 0.00	23.83 -0.74 0.00	28.68 -0.89 0.00	35.10 -1.73 0.00	38.60 -2.33 0.00	39.39 -2.69 0.00	37.27 -2.55 0.00	35.16 -2.41 0.00	35.39 -2.54 0.00	33.33 -2.32 0.00	34.86 -2.22 0.00	36.35 -2.57 0.00	37.41 -2.56 0.00	40.39 -3.04 0.00	44.85 -3.01 0.00	49.78 -2.56 0.00	53.20 -2.22 0.00	52.65 -2.77 0.00	45.23 -2.48 0.00	38.23 -2.31 0.00	34.14 -1.57 0.00
ORANGEVILLE___ESR 323794	27.66 -0.80 0.00	24.59 -0.71 0.00	24.69 -0.95 0.00	23.91 -0.89 0.00	23.83 -0.74 0.00	28.68 -0.89 0.00	35.10 -1.73 0.00	38.60 -2.33 0.00	39.39 -2.69 0.00	37.27 -2.55 0.00	35.16 -2.41 0.00	35.39 -2.54 0.00	33.33 -2.32 0.00	34.86 -2.22 0.00	36.35 -2.57 0.00	37.41 -2.56 0.00	40.39 -3.04 0.00	44.85 -3.01 0.00	49.78 -2.56 0.00	53.20 -2.22 0.00	52.65 -2.77 0.00	45.23 -2.48 0.00	38.23 -2.31 0.00	34.14 -1.57 0.00
OSWEGATCHIE___HYD 24044	27.20 -1.25 0.00	24.13 -1.16 0.00	24.46 -1.18 0.00	23.69 -1.12 0.00	23.46 -1.10 0.00	28.45 -1.12 0.00	35.87 -0.96 0.00	39.91 -1.02 0.00	40.99 -1.09 0.00	38.74 -1.07 0.00	36.59 -0.98 0.00	36.91 -1.02 0.00	34.54 -1.11 0.00	35.86 -1.22 0.00	37.75 -1.17 0.00	38.77 -1.20 0.00	42.30 -1.13 0.00	46.81 -1.05 0.00	51.50 -0.84 0.00	54.75 -0.66 0.00	54.91 -0.50 0.00	47.14 -0.57 0.00	40.01 -0.53 0.00	35.03 -0.68 0.00
OSWEGO___5 23606	27.94 -0.51 0.00	24.84 -0.45 0.00	25.15 -0.49 0.00	24.33 -0.47 0.00	24.12 -0.44 0.00	29.04 -0.53 0.00	35.91 -0.92 0.00	39.78 -1.15 0.00	40.82 -1.26 0.00	38.62 -1.19 0.00	36.48 -1.09 0.00	36.79 -1.14 0.00	34.61 -1.03 0.00	36.00 -1.08 0.00	37.79 -1.13 0.00	38.73 -1.24 0.00	42.04 -1.39 0.00	46.43 -1.43 0.00	50.82 -1.52 0.00	53.92 -1.49 0.00	53.81 -1.61 0.00	46.28 -1.43 0.00	39.24 -1.30 0.00	34.71 -1.00 0.00
OSWEGO___6 23613	27.94 -0.51 0.00	24.84 -0.45 0.00	25.15 -0.49 0.00	24.33 -0.47 0.00	24.12 -0.44 0.00	29.04 -0.53 0.00	35.91 -0.92 0.00	39.78 -1.15 0.00	40.82 -1.26 0.00	38.62 -1.19 0.00	36.48 -1.09 0.00	36.79 -1.14 0.00	34.61 -1.03 0.00	36.00 -1.08 0.00	37.79 -1.13 0.00	38.73 -1.24 0.00	42.04 -1.39 0.00	46.43 -1.43 0.00	50.82 -1.52 0.00	53.92 -1.49 0.00	53.81 -1.61 0.00	46.28 -1.43 0.00	39.24 -1.30 0.00	34.71 -1.00 0.00

OUTOKUMPU-AB___DRP 24206	27.26 -1.20 0.00	24.29 -1.01 0.00	24.41 -1.23 0.00	23.64 -1.17 0.00	23.53 -1.03 0.00	28.27 -1.30 0.00	34.36 -2.47 0.00	37.70 -3.23 0.00	38.67 -3.41 0.00	36.39 -3.42 0.00	34.41 -3.16 0.00	34.78 -3.15 0.00	32.75 -2.89 0.00	34.26 -2.82 0.00	35.53 -3.39 0.00	36.73 -3.24 0.00	39.56 -3.87 0.00	43.84 -4.02 0.00	48.73 -3.61 0.00	51.98 -3.44 0.00	51.31 -4.10 0.00	44.18 -3.53 0.00	37.38 -3.16 0.00	33.57 -2.14 0.00
OXBOW___BTM 323836	27.06 -1.39 0.00	24.11 -1.19 0.00	24.23 -1.41 0.00	23.46 -1.34 0.00	23.39 -1.18 0.00	28.06 -1.51 0.00	34.11 -2.73 0.00	37.29 -3.64 0.00	38.25 -3.83 0.00	36.19 -3.62 0.00	34.23 -3.34 0.00	34.40 -3.53 0.00	32.40 -3.24 0.00	33.93 -3.15 0.00	35.30 -3.62 0.00	36.33 -3.64 0.00	39.09 -4.34 0.00	43.32 -4.55 0.00	48.15 -4.19 0.00	51.31 -4.10 0.00	50.65 -4.77 0.00	43.65 -4.06 0.00	36.93 -3.61 0.00	33.24 -2.46 0.00
OXBOW___ 24026	27.06 -1.39 0.00	24.11 -1.19 0.00	24.23 -1.41 0.00	23.46 -1.34 0.00	23.38 -1.18 0.00	28.03 -1.54 0.00	34.07 -2.76 0.00	37.29 -3.64 0.00	38.25 -3.83 0.00	36.03 -3.78 0.00	34.04 -3.53 0.00	34.40 -3.53 0.00	32.40 -3.24 0.00	33.89 -3.19 0.00	35.14 -3.78 0.00	36.29 -3.68 0.00	39.09 -4.34 0.00	43.32 -4.55 0.00	48.15 -4.19 0.00	51.31 -4.10 0.00	50.70 -4.71 0.00	43.66 -4.06 0.00	36.93 -3.61 0.00	33.28 -2.43 0.00
OXY_CHEM_DSASP 323612	26.77 -1.68 0.00	23.88 -1.42 0.00	24.00 -1.64 0.00	23.24 -1.56 0.00	23.16 -1.40 0.00	27.71 -1.86 0.00	33.70 -3.13 0.00	36.80 -4.13 0.00	37.66 -4.42 0.00	35.51 -4.30 0.00	33.51 -4.06 0.00	33.87 -4.06 0.00	31.94 -3.71 0.00	33.41 -3.67 0.00	34.60 -4.32 0.00	35.73 -4.24 0.00	38.43 -4.99 0.00	42.60 -5.27 0.00	47.37 -4.97 0.00	50.43 -4.99 0.00	49.82 -5.60 0.00	42.94 -4.77 0.00	36.37 -4.18 0.00	32.85 -2.86 0.00
OZONE_PARK_ESR 323760	31.01 2.56 0.00	27.52 2.23 0.00	27.97 2.33 0.00	27.03 2.23 0.00	26.70 2.14 0.00	31.94 2.37 0.00	39.37 2.54 0.00	44.08 3.15 0.00	45.45 3.37 0.00	43.16 3.34 0.00	40.84 3.27 0.00	41.27 3.34 0.00	38.74 3.10 0.00	40.38 3.30 0.00	42.50 3.58 0.00	43.77 3.80 0.00	47.51 4.08 0.00	51.93 4.07 0.00	56.37 4.03 0.00	59.63 4.21 0.00	59.79 4.38 0.00	51.38 3.67 0.00	43.75 3.20 0.00	38.39 2.68 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	26.77 -1.68 0.00	23.88 -1.42 0.00	24.00 -1.64 0.00	23.24 -1.56 0.00	23.16 -1.40 0.00	27.71 -1.86 0.00	33.70 -3.13 0.00	36.80 -4.13 0.00	37.66 -4.42 0.00	35.51 -4.30 0.00	33.51 -4.06 0.00	33.87 -4.06 0.00	31.94 -3.71 0.00	33.41 -3.67 0.00	34.60 -4.32 0.00	35.73 -4.24 0.00	38.43 -4.99 0.00	42.60 -5.27 0.00	47.37 -4.97 0.00	50.43 -4.99 0.00	49.82 -5.60 0.00	42.94 -4.77 0.00	36.37 -4.18 0.00	32.85 -2.86 0.00
PACKARD___115KV_DUPONT_184 80571	26.77 -1.68 0.00	23.88 -1.42 0.00	24.00 -1.64 0.00	23.24 -1.56 0.00	23.16 -1.40 0.00	27.71 -1.86 0.00	33.70 -3.13 0.00	36.80 -4.13 0.00	37.66 -4.42 0.00	35.51 -4.30 0.00	33.51 -4.06 0.00	33.87 -4.06 0.00	31.94 -3.71 0.00	33.41 -3.67 0.00	34.60 -4.32 0.00	35.73 -4.24 0.00	38.43 -4.99 0.00	42.60 -5.27 0.00	47.37 -4.97 0.00	50.43 -4.99 0.00	49.82 -5.60 0.00	42.94 -4.77 0.00	36.37 -4.18 0.00	32.85 -2.86 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	30.93 2.48 0.00	27.50 2.20 0.00	27.97 2.33 0.00	27.02 2.21 -0.01	26.65 2.09 0.00	31.61 2.04 0.00	38.86 2.03 0.00	43.59 2.66 0.00	44.94 2.86 0.00	42.76 2.95 0.00	40.46 2.89 0.00	40.89 2.96 0.00	38.42 2.78 0.00	40.01 2.93 0.00	42.11 3.19 0.00	43.37 3.40 0.00	47.08 3.65 0.00	51.36 3.49 0.00	55.69 3.35 0.00	58.85 3.44 0.00	59.02 3.60 0.00	50.67 2.96 0.00	43.22 2.68 0.00	37.96 2.25 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	31.21 2.76 0.00	27.73 2.43 0.00	28.23 2.59 0.00	27.27 2.46 -0.01	26.87 2.31 0.00	31.88 2.31 0.00	39.15 2.32 0.00	43.88 2.95 0.00	45.24 3.16 0.00	43.04 3.22 0.00	40.69 3.12 0.00	41.12 3.19 0.00	38.64 2.99 0.00	40.19 3.11 0.00	42.34 3.42 0.00	43.61 3.64 0.00	47.42 4.00 0.00	51.65 3.78 0.00	56.06 3.72 0.00	59.29 3.88 0.00	59.40 3.99 0.00	51.00 3.29 0.00	43.50 2.96 0.00	38.21 2.50 0.00
PATROON___115KV_TB1 80586	29.45 1.00 0.00	26.21 0.91 0.00	26.59 0.95 0.00	25.72 0.92 0.00	25.45 0.88 0.00	30.46 0.89 0.00	37.72 0.88 0.00	41.75 0.82 0.00	42.88 0.80 0.00	40.53 0.72 0.00	38.25 0.68 0.00	38.61 0.68 0.00	36.39 0.75 0.00	37.86 0.78 0.00	39.78 0.86 0.00	40.93 0.96 0.00	44.38 0.96 0.00	48.77 0.91 0.00	53.13 0.79 0.00	56.19 0.78 0.00	56.25 0.83 0.00	48.43 0.72 0.00	41.39 0.85 0.00	36.35 0.64 0.00
PATTRSNVILLE___SOLAR 323815	29.70 1.25 0.00	26.41 1.11 0.00	26.79 1.15 0.00	25.89 1.09 0.00	25.64 1.08 0.00	30.81 1.24 0.00	38.20 1.36 0.00	42.48 1.55 0.00	43.64 1.56 0.00	41.09 1.27 0.00	38.74 1.17 0.00	39.07 1.14 0.00	36.71 1.07 0.00	38.19 1.11 0.00	40.09 1.17 0.00	41.21 1.24 0.00	44.86 1.43 0.00	49.58 1.72 0.00	54.28 1.94 0.00	57.57 2.16 0.00	57.63 2.22 0.00	49.62 1.91 0.00	42.21 1.66 0.00	37.03 1.32 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	27.54 -0.91 0.00	24.49 -0.81 0.00	24.59 -1.05 0.00	23.81 -0.99 0.00	23.73 -0.84 0.00	28.54 -1.03 0.00	34.84 -1.99 0.00	38.35 -2.58 0.00	39.35 -2.74 0.00	37.07 -2.75 0.00	35.05 -2.52 0.00	35.43 -2.50 0.00	33.29 -2.35 0.00	34.86 -2.22 0.00	36.16 -2.76 0.00	37.41 -2.56 0.00	40.34 -3.08 0.00	44.75 -3.11 0.00	49.67 -2.67 0.00	53.03 -2.38 0.00	52.42 -2.99 0.00	44.99 -2.72 0.00	37.99 -2.55 0.00	34.03 -1.68 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	30.59 2.13 0.00	27.17 1.87 0.00	27.59 1.95 0.00	26.69 1.88 0.00	26.38 1.82 0.00	31.55 1.98 0.00	38.93 2.10 0.00	43.55 2.62 0.00	44.90 2.82 0.00	42.64 2.83 0.00	40.31 2.74 0.00	40.70 2.77 0.00	38.17 2.53 0.00	39.79 2.71 0.00	41.84 2.92 0.00	43.17 3.20 0.00	46.86 3.43 0.00	51.36 3.49 0.00	55.90 3.56 0.00	59.07 3.66 0.00	59.29 3.88 0.00	50.91 3.20 0.00	43.34 2.80 0.00	37.92 2.21 0.00
PEEKSKILL___ 23653	30.44 1.99 0.00	27.07 1.77 0.00	27.49 1.85 0.00	26.56 1.76 0.00	26.26 1.69 0.00	31.37 1.80 0.00	38.75 1.91 0.00	43.30 2.37 0.00	44.61 2.52 0.00	42.32 2.51 0.00	40.01 2.44 0.00	40.43 2.50 0.00	37.99 2.35 0.00	39.56 2.48 0.00	41.60 2.68 0.00	42.89 2.92 0.00	46.56 3.13 0.00	50.97 3.11 0.00	55.43 3.09 0.00	58.63 3.21 0.00	58.80 3.38 0.00	50.52 2.81 0.00	43.02 2.47 0.00	37.74 2.03 0.00
PGE MADISON___WINDPWR 24146	30.36 1.91 0.00	27.07 1.77 0.00	27.33 1.69 0.00	26.46 1.66 0.00	26.33 1.77 0.00	31.85 2.28 0.00	39.52 2.69 0.00	43.67 2.74 0.00	44.69 2.61 0.00	41.92 2.11 0.00	39.56 1.99 0.00	40.01 2.08 0.00	37.42 1.78 0.00	38.90 1.82 0.00	40.86 1.95 0.00	42.13 2.16 0.00	45.99 2.56 0.00	51.31 3.45 0.00	56.84 4.50 0.00	60.68 5.27 0.00	60.57 5.15 0.00	51.81 4.10 0.00	43.34 2.80 0.00	38.03 2.32 0.00

PIERCEFIELD___HYD 23852	27.03 -1.42 0.00	23.96 -1.34 0.00	24.31 -1.33 0.00	23.54 -1.26 0.00	23.26 -1.30 0.00	28.24 -1.33 0.00	36.06 -0.77 0.00	40.11 -0.82 0.00	41.24 -0.84 0.00	38.94 -0.88 0.00	36.74 -0.83 0.00	37.09 -0.83 0.00	34.72 -0.93 0.00	36.00 -1.08 0.00	37.91 -1.01 0.00	38.89 -1.08 0.00	42.43 -1.00 0.00	46.81 -1.05 0.00	51.45 -0.89 0.00	54.47 -0.94 0.00	54.58 -0.83 0.00	46.95 -0.76 0.00	40.14 -0.41 0.00	35.06 -0.64 0.00
PINELAWN_CC_1 323563	47.48 3.07 -15.95	46.39 2.73 -18.35	45.75 2.82 -17.29	45.17 2.70 -17.66	45.70 2.63 -18.51	45.83 2.96 -13.31	46.51 3.32 -6.36	47.59 3.89 -2.77	48.93 3.95 -2.89	49.21 3.78 -5.61	48.15 2.71 -7.87	49.83 2.69 -9.20	47.62 2.53 -9.45	53.68 2.63 -13.97	57.68 2.80 -15.96	63.56 2.96 -20.63	86.48 3.13 -39.93	70.95 3.07 -20.02	68.01 3.14 -12.53	68.74 3.27 -10.05	69.19 3.44 -10.34	60.63 2.86 -10.06	53.41 3.24 -9.62	45.22 3.22 -6.29
PJM_GEN_HTTP_PROXY 323702	30.76 2.30 0.00	27.32 2.02 0.00	27.77 2.13 0.00	26.86 2.06 0.00	26.50 1.94 0.00	31.63 2.13 0.07	39.19 2.28 -0.07	43.75 2.82 0.00	45.07 2.99 0.00	42.76 2.95 0.00	40.42 2.85 0.00	40.89 2.96 0.00	38.42 2.78 0.00	40.01 2.93 0.00	42.07 3.15 0.00	43.41 3.44 0.00	47.03 3.60 0.00	51.46 3.59 0.00	55.85 3.51 0.00	59.07 3.66 0.00	59.24 3.82 0.00	50.91 3.20 0.00	43.34 2.80 0.00	38.10 2.39 0.00
PJM_GEN_KEystone 24065	28.99 0.54 0.00	25.78 0.48 0.00	25.82 0.18 0.00	25.00 0.20 0.00	24.81 0.25 0.00	29.65 0.15 0.07	36.65 -0.26 -0.07	40.52 -0.41 0.00	41.58 -0.50 0.00	39.42 -0.40 0.00	37.23 -0.34 0.00	37.59 -0.34 0.00	35.32 -0.32 0.00	36.86 -0.22 0.00	38.61 -0.31 0.00	39.77 -0.20 0.00	43.08 -0.35 0.00	47.43 -0.43 0.00	52.03 -0.31 0.00	55.30 -0.11 0.00	55.08 -0.33 0.00	47.33 -0.38 0.00	40.14 -0.41 0.00	35.85 0.14 0.00
PJM_GEN_NEPTUNE_PROXY 323594	47.13 2.73 -15.95	46.08 2.43 -18.35	45.47 2.54 -17.29	44.90 2.43 -17.66	45.41 2.33 -18.51	45.41 2.60 -13.23	46.14 2.87 -6.43	47.09 3.40 -2.77	47.92 3.45 -2.38	47.83 3.38 -4.63	46.80 2.74 -6.49	48.33 2.81 -7.59	46.07 2.64 -7.80	51.38 2.78 -11.52	54.95 2.96 -13.08	60.19 3.20 -17.02	79.75 3.39 -32.93	61.55 3.40 -10.29	58.14 3.45 -2.35	59.02 3.60 -0.01	59.24 3.82 -0.01	53.83 3.20 -2.92	48.89 3.16 -5.19	43.72 2.82 -5.19
PJM_GEN_VFT_PROXY 323633	30.70 2.25 0.00	27.24 1.95 0.00	27.71 2.08 0.00	26.79 1.98 0.00	26.43 1.87 0.00	31.53 2.04 0.07	39.08 2.17 -0.07	43.67 2.74 0.01	44.62 2.94 0.41	41.88 2.90 0.84	39.21 2.82 1.18	39.78 2.96 1.11	36.90 2.74 1.49	38.76 2.93 1.25	40.83 3.11 1.21	42.14 3.36 1.19	46.36 3.56 0.63	51.35 3.49 0.00	55.69 3.35 0.00	58.91 3.49 0.00	59.07 3.66 0.00	50.81 3.10 0.00	42.40 2.76 0.90	38.02 2.32 0.01
PLATSBURG_115KV_PMLD1 355749	28.25 -0.20 0.00	25.05 -0.25 0.00	25.43 -0.21 0.00	24.63 -0.17 0.00	24.32 -0.25 0.00	29.45 -0.12 0.00	37.31 0.48 0.00	41.54 0.61 0.00	42.80 0.72 0.00	40.45 0.64 0.00	38.17 0.60 0.00	38.54 0.61 0.00	36.14 0.50 0.00	37.53 0.44 0.00	39.46 0.54 0.00	40.49 0.52 0.00	44.08 0.65 0.00	48.82 0.96 0.00	53.55 1.20 0.00	56.63 1.22 0.00	56.58 1.16 0.00	48.62 0.91 0.00	41.35 0.81 0.00	36.24 0.54 0.00
PLEASANTVLY___LBMP 24000	30.27 1.82 0.00	26.89 1.59 0.00	27.31 1.67 0.00	26.41 1.61 0.00	26.11 1.55 0.00	31.20 1.63 0.00	38.49 1.66 0.00	43.02 2.09 0.00	44.31 2.23 0.00	42.04 2.23 0.00	39.71 2.14 0.00	40.09 2.16 0.00	37.67 2.03 0.00	39.23 2.15 0.00	41.25 2.34 0.00	42.53 2.56 0.00	46.12 2.69 0.00	50.54 2.68 0.00	54.96 2.62 0.00	58.13 2.72 0.00	58.30 2.88 0.00	50.10 2.39 0.00	42.69 2.15 0.00	37.46 1.75 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	30.56 2.11 0.00	27.14 1.85 0.00	27.59 1.95 0.00	26.66 1.86 0.00	26.33 1.77 0.00	31.49 1.92 0.00	38.86 2.03 0.00	43.47 2.54 0.00	44.77 2.69 0.00	42.52 2.71 0.00	40.20 2.63 0.00	40.58 2.66 0.00	38.14 2.49 0.00	39.71 2.63 0.00	41.80 2.88 0.00	43.05 3.08 0.00	46.73 3.30 0.00	51.17 3.30 0.00	55.59 3.25 0.00	58.79 3.38 0.00	58.96 3.55 0.00	50.67 2.96 0.00	43.14 2.59 0.00	37.85 2.14 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	30.56 2.11 0.00	27.14 1.85 0.00	27.59 1.95 0.00	26.66 1.86 0.00	26.33 1.77 0.00	31.49 1.92 0.00	38.86 2.03 0.00	43.47 2.54 0.00	44.77 2.69 0.00	42.52 2.71 0.00	40.20 2.63 0.00	40.58 2.66 0.00	38.14 2.49 0.00	39.71 2.63 0.00	41.80 2.88 0.00	43.05 3.08 0.00	46.73 3.30 0.00	51.17 3.30 0.00	55.59 3.25 0.00	58.79 3.38 0.00	58.96 3.55 0.00	50.67 2.96 0.00	43.14 2.59 0.00	37.85 2.14 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	30.39 1.93 0.00	26.99 1.69 0.00	27.41 1.77 0.00	26.51 1.71 0.00	26.21 1.65 0.00	31.32 1.74 0.00	38.67 1.84 0.00	43.22 2.29 0.00	44.52 2.44 0.00	42.16 2.35 0.00	39.82 2.25 0.00	40.20 2.28 0.00	37.78 2.14 0.00	39.34 2.26 0.00	41.37 2.45 0.00	42.65 2.68 0.00	46.34 2.91 0.00	50.83 2.97 0.00	55.32 2.98 0.00	58.63 3.21 0.00	58.79 3.38 0.00	50.48 2.77 0.00	42.98 2.43 0.00	37.71 2.00 0.00
POLETTI_____ 23519	30.76 2.30 0.00	27.32 2.02 0.00	27.77 2.13 0.00	26.84 2.03 0.00	26.50 1.94 0.00	31.67 2.10 0.00	38.99 2.17 0.02	43.66 2.74 0.02	45.01 2.95 0.02	42.74 2.95 0.02	40.45 2.89 0.02	40.87 2.96 0.02	38.37 2.74 0.02	39.99 2.93 0.02	42.10 3.19 0.02	43.35 3.40 0.02	47.02 3.60 0.02	51.39 3.54 0.02	55.78 3.45 0.02	59.00 3.60 0.02	59.17 3.77 0.02	50.84 3.15 0.02	43.32 2.80 0.02	38.03 2.32 0.00
POMONA___ESR 323819	30.41 1.96 0.00	27.04 1.74 0.00	27.43 1.79 0.00	26.54 1.74 0.00	26.24 1.67 0.00	31.34 1.77 0.00	38.75 1.91 0.00	43.26 2.33 0.00	44.61 2.52 0.00	42.28 2.47 0.00	39.98 2.41 0.00	40.39 2.46 0.00	37.96 2.32 0.00	39.53 2.45 0.00	41.57 2.65 0.00	42.85 2.88 0.00	46.51 3.08 0.00	50.97 3.11 0.00	55.38 3.03 0.00	58.63 3.21 0.00	58.80 3.38 0.00	50.52 2.81 0.00	42.97 2.43 0.00	37.71 2.00 0.00
PORT_JEFF_3 23555	47.73 3.33 -15.95	46.61 2.96 -18.35	45.98 3.05 -17.29	45.39 2.93 -17.66	45.89 2.82 -18.51	46.07 3.19 -13.31	46.73 3.54 -6.36	47.83 4.13 -2.77	48.89 4.25 -2.56	48.81 4.02 -4.97	47.73 3.19 -6.97	49.34 3.26 -8.15	47.04 3.03 -8.37	52.68 3.22 -12.37	56.48 3.46 -14.10	61.92 3.68 -18.27	82.78 3.91 -35.44	174.25 3.93 -122.46	201.92 4.09 -145.49	207.97 4.33 -148.23	212.39 4.49 -152.49	150.72 3.72 -99.28	99.05 3.77 -54.74	44.82 3.46 -5.65
PORT_JEFF_4 23616	47.73 3.33 -15.95	46.61 2.96 -18.35	45.98 3.05 -17.29	45.39 2.93 -17.66	45.89 2.82 -18.51	46.07 3.19 -13.31	46.73 3.54 -6.36	47.83 4.13 -2.77	48.89 4.25 -2.56	48.81 4.02 -4.97	47.73 3.19 -6.97	49.34 3.26 -8.15	47.04 3.03 -8.37	52.68 3.22 -12.37	56.48 3.46 -14.10	61.92 3.68 -18.27	82.78 3.91 -35.44	174.25 3.93 -122.46	201.92 4.09 -145.49	207.97 4.33 -148.23	212.39 4.49 -152.49	150.72 3.72 -99.28	99.05 3.77 -54.74	44.82 3.46 -5.65

PORT_JEFF_IC 23713	47.79 3.39 -15.95	46.64 2.99 -18.35	46.01 3.08 -17.29	45.42 2.95 -17.66	45.94 2.87 -18.51	46.13 3.25 -13.31	46.73 3.54 -6.36	47.92 4.22 -2.77	48.95 4.29 -2.57	48.95 4.14 -5.00	47.88 3.31 -7.01	49.46 3.34 -8.19	47.15 3.10 -8.41	52.78 3.26 -12.43	56.67 3.58 -14.17	62.01 3.68 -18.36	83.01 3.95 -35.63	191.45 3.97 -139.62	223.92 4.13 -167.45	230.78 4.38 -170.98	235.80 4.49 -175.89	165.54 3.77 -114.06	106.66 3.81 -62.31	44.94 3.54 -5.69
PPL PILGRIM_ST_GT1 24216	47.65 3.24 -15.95	46.56 2.91 -18.35	45.91 2.97 -17.29	45.32 2.85 -17.66	45.85 2.77 -18.51	46.01 3.13 -13.31	46.70 3.50 -6.36	47.79 4.09 -2.77	48.87 4.17 -2.62	48.88 3.98 -5.09	47.82 3.12 -7.13	49.42 3.15 -8.34	47.13 2.92 -8.57	52.86 3.12 -12.66	56.70 3.35 -14.43	62.27 3.60 -18.70	83.15 3.52 -36.21	85.30 3.30 -34.14	87.61 3.40 -31.87	89.34 3.55 -30.38	90.38 3.71 -31.25	73.72 3.10 -22.91	59.92 3.61 -15.77	44.71 3.28 -5.72
PPL PILGRIM_ST_GT2 24217	47.65 3.24 -15.95	46.56 2.91 -18.35	45.91 2.97 -17.29	45.32 2.85 -17.66	45.85 2.77 -18.51	46.01 3.13 -13.31	46.70 3.50 -6.36	47.79 4.09 -2.77	48.87 4.17 -2.62	48.88 3.98 -5.09	47.82 3.12 -7.13	49.42 3.15 -8.34	47.13 2.92 -8.57	52.86 3.12 -12.66	56.70 3.35 -14.43	62.27 3.60 -18.70	83.15 3.52 -36.21	85.30 3.30 -34.14	87.61 3.40 -31.87	89.34 3.55 -30.38	90.38 3.71 -31.25	73.72 3.10 -22.91	59.92 3.61 -15.77	44.71 3.28 -5.72
PPL_SHRM_GT3 24213	48.05 3.64 -15.95	46.84 3.19 -18.35	46.19 3.26 -17.29	45.59 3.13 -17.66	46.12 3.05 -18.51	46.33 3.46 -13.31	47.10 3.90 -6.36	48.28 4.58 -2.77	49.36 4.71 -2.57	49.30 4.50 -4.98	48.16 3.61 -6.99	49.82 3.72 -8.17	47.45 3.42 -8.39	53.19 3.71 -12.40	57.02 3.97 -14.13	62.57 4.28 -18.32	83.61 4.65 -35.53	177.87 4.79 -125.22	206.48 5.13 -149.01	212.66 5.37 -151.87	217.24 5.59 -156.23	154.04 4.68 -101.65	101.04 4.54 -55.96	45.45 4.07 -5.67
PPL_SHRM_GT4 24214	48.05 3.64 -15.95	46.84 3.19 -18.35	46.19 3.26 -17.29	45.59 3.13 -17.66	46.12 3.05 -18.51	46.33 3.46 -13.31	47.10 3.90 -6.36	48.28 4.58 -2.77	49.36 4.71 -2.57	49.30 4.50 -4.98	48.16 3.61 -6.99	49.82 3.72 -8.17	47.45 3.42 -8.39	53.19 3.71 -12.40	57.02 3.97 -14.13	62.57 4.28 -18.32	83.61 4.65 -35.53	177.87 4.79 -125.22	206.48 5.13 -149.01	212.66 5.37 -151.87	217.24 5.59 -156.23	154.04 4.68 -101.65	101.04 4.54 -55.96	45.45 4.07 -5.67
PROJECT___ORANGE 1 24174	28.48 0.03 0.00	25.32 0.03 0.00	25.61 -0.03 0.00	24.78 -0.02 0.00	24.59 0.02 0.00	29.57 0.00 0.00	36.54 -0.29 0.00	40.52 -0.41 0.00	41.58 -0.50 0.00	39.30 -0.52 0.00	37.16 -0.41 0.00	37.51 -0.42 0.00	35.25 -0.39 0.00	36.71 -0.37 0.00	38.49 -0.43 0.00	39.49 -0.48 0.00	42.91 -0.52 0.00	47.39 -0.48 0.00	51.92 -0.42 0.00	55.08 -0.33 0.00	54.92 -0.50 0.00	47.19 -0.52 0.00	39.98 -0.57 0.00	35.31 -0.39 0.00
PROJECT___ORANGE 2 24166	28.48 0.03 0.00	25.32 0.03 0.00	25.61 -0.03 0.00	24.78 -0.02 0.00	24.59 0.02 0.00	29.57 0.00 0.00	36.54 -0.29 0.00	40.52 -0.41 0.00	41.58 -0.50 0.00	39.30 -0.52 0.00	37.16 -0.41 0.00	37.51 -0.42 0.00	35.25 -0.39 0.00	36.71 -0.37 0.00	38.49 -0.43 0.00	39.49 -0.48 0.00	42.91 -0.52 0.00	47.39 -0.48 0.00	51.92 -0.42 0.00	55.08 -0.33 0.00	54.92 -0.50 0.00	47.19 -0.52 0.00	39.98 -0.57 0.00	35.31 -0.39 0.00
PUCKETT___SOLAR 323809	29.16 0.71 0.00	25.95 0.66 0.00	26.20 0.56 0.00	25.37 0.57 0.00	25.20 0.64 0.00	30.34 0.77 0.00	37.53 0.70 0.00	41.58 0.65 0.00	42.59 0.51 0.00	40.17 0.36 0.00	37.91 0.34 0.00	38.23 0.30 0.00	35.86 0.22 0.00	37.38 0.30 0.00	39.19 0.27 0.00	40.33 0.36 0.00	43.86 0.43 0.00	48.58 0.72 0.00	53.44 1.10 0.00	56.91 1.50 0.00	56.74 1.33 0.00	48.71 1.00 0.00	41.15 0.61 0.00	36.28 0.57 0.00
PYRITES___HYD 24023	27.66 -0.80 0.00	24.54 -0.76 0.00	24.87 -0.77 0.00	24.08 -0.72 0.00	23.80 -0.76 0.00	28.95 -0.62 0.00	37.02 0.18 0.00	41.05 0.12 0.00	42.12 0.04 0.00	39.65 -0.16 0.00	37.42 -0.15 0.00	37.74 -0.19 0.00	35.29 -0.36 0.00	36.60 -0.48 0.00	38.57 -0.35 0.00	39.57 -0.40 0.00	43.25 -0.17 0.00	47.82 -0.05 0.00	52.71 0.37 0.00	55.91 0.50 0.00	56.13 0.72 0.00	48.24 0.52 0.00	41.15 0.61 0.00	35.92 0.21 0.00
QUAKERRD_115KV_BK1 80622	27.31 -1.14 0.00	24.29 -1.01 0.00	24.56 -1.08 0.00	23.74 -1.07 0.00	23.61 -0.96 0.00	28.42 -1.15 0.00	34.88 -1.95 0.00	38.43 -2.50 0.00	39.47 -2.61 0.00	37.35 -2.47 0.00	35.32 -2.25 0.00	35.65 -2.28 0.00	33.50 -2.14 0.00	34.97 -2.11 0.00	36.47 -2.45 0.00	37.53 -2.44 0.00	40.56 -2.87 0.00	44.99 -2.87 0.00	49.57 -2.77 0.00	52.70 -2.72 0.00	52.20 -3.21 0.00	44.94 -2.77 0.00	38.03 -2.51 0.00	33.85 -1.86 0.00
QUENSBRY_115KV_TB8 356137	30.02 1.56 0.00	26.66 1.37 0.00	27.08 1.44 0.00	26.19 1.39 0.00	25.94 1.38 0.00	31.17 1.60 0.00	39.01 2.17 0.00	43.55 2.62 0.00	44.82 2.74 0.00	42.00 2.19 0.00	39.52 1.95 0.00	39.90 1.97 0.00	37.64 2.00 0.00	39.12 2.04 0.00	41.06 2.14 0.00	42.25 2.28 0.00	46.12 2.69 0.00	50.64 2.78 0.00	55.48 3.14 0.00	58.85 3.44 0.00	58.85 3.44 0.00	50.62 2.91 0.00	42.98 2.43 0.00	37.60 1.89 0.00
RAMAPO___LBMP 323565	30.33 1.88 0.00	26.94 1.64 0.00	27.36 1.72 0.00	26.46 1.66 0.00	26.16 1.60 0.00	31.29 1.72 0.00	38.60 1.77 0.00	43.14 2.21 0.00	44.44 2.36 0.00	42.20 2.39 0.00	39.86 2.29 0.00	40.28 2.35 0.00	37.82 2.17 0.00	39.38 2.30 0.00	41.45 2.53 0.00	42.69 2.72 0.00	46.34 2.91 0.00	50.78 2.92 0.00	55.17 2.83 0.00	58.41 2.99 0.00	58.57 3.16 0.00	50.33 2.62 0.00	42.85 2.31 0.00	37.60 1.89 0.00
RANKINE____ 23646	27.49 -0.97 0.00	24.46 -0.83 0.00	24.56 -1.08 0.00	23.79 -1.02 0.00	23.70 -0.86 0.00	28.51 -1.06 0.00	34.73 -2.10 0.00	38.15 -2.78 0.00	39.14 -2.95 0.00	36.87 -2.95 0.00	34.83 -2.74 0.00	35.20 -2.73 0.00	33.15 -2.49 0.00	34.67 -2.41 0.00	35.96 -2.96 0.00	37.21 -2.76 0.00	40.08 -3.34 0.00	44.42 -3.45 0.00	49.36 -2.98 0.00	52.64 -2.77 0.00	52.03 -3.38 0.00	44.70 -3.01 0.00	37.79 -2.76 0.00	33.89 -1.82 0.00
RAVENSWOOD_GT2_1 24244	30.79 2.33 0.00	27.35 2.05 0.00	27.79 2.15 0.00	26.86 2.06 0.00	26.53 1.97 0.00	31.70 2.13 0.00	39.08 2.25 0.00	43.75 2.82 0.00	45.07 2.99 0.00	42.84 3.03 0.00	40.50 2.93 0.00	40.93 3.00 0.00	38.46 2.82 0.00	40.05 2.97 0.00	42.15 3.23 0.00	43.45 3.48 0.00	47.12 3.69 0.00	51.50 3.64 0.00	55.90 3.56 0.00	59.13 3.71 0.00	59.29 3.88 0.00	50.91 3.20 0.00	43.38 2.84 0.00	38.10 2.39 0.00
RAVENSWOOD_GT2_2 24245	30.79 2.33 0.00	27.35 2.05 0.00	27.79 2.15 0.00	26.86 2.06 0.00	26.53 1.97 0.00	31.70 2.13 0.00	39.08 2.25 0.00	43.75 2.82 0.00	45.07 2.99 0.00	42.84 3.03 0.00	40.50 2.93 0.00	40.93 3.00 0.00	38.46 2.82 0.00	40.05 2.97 0.00	42.15 3.23 0.00	43.45 3.48 0.00	47.12 3.69 0.00	51.50 3.64 0.00	55.90 3.56 0.00	59.13 3.71 0.00	59.29 3.88 0.00	50.91 3.20 0.00	43.38 2.84 0.00	38.10 2.39 0.00

RAVENSWOOD_GT2_3 24246	30.81 2.36 0.00	27.35 2.05 0.00	27.82 2.18 0.00	26.89 2.08 0.00	26.53 1.97 0.00	31.73 2.16 0.00	39.08 2.25 0.00	43.75 2.82 0.00	45.11 3.03 0.00	42.88 3.07 0.00	40.54 2.97 0.00	40.96 3.03 0.00	38.46 2.82 0.00	40.08 3.00 0.00	42.19 3.27 0.00	43.45 3.48 0.00	47.12 3.69 0.00	51.50 3.64 0.00	55.90 3.56 0.00	59.13 3.71 0.00	59.29 3.88 0.00	50.95 3.24 0.00	43.42 2.88 0.00	38.10 2.39 0.00
RAVENSWOOD_GT2_4 24247	30.81 2.36 0.00	27.35 2.05 0.00	27.82 2.18 0.00	26.89 2.08 0.00	26.53 1.97 0.00	31.73 2.16 0.00	39.08 2.25 0.00	43.75 2.82 0.00	45.11 3.03 0.00	42.88 3.07 0.00	40.54 2.97 0.00	40.96 3.03 0.00	38.46 2.82 0.00	40.08 3.00 0.00	42.19 3.27 0.00	43.45 3.48 0.00	47.12 3.69 0.00	51.50 3.64 0.00	55.90 3.56 0.00	59.13 3.71 0.00	59.29 3.88 0.00	50.95 3.24 0.00	43.42 2.88 0.00	38.10 2.39 0.00
RAVENSWOOD_GT3_1 24248	30.81 2.36 0.00	27.35 2.05 0.00	27.79 2.15 0.00	26.86 2.06 0.00	26.53 1.97 0.00	31.73 2.16 0.00	39.08 2.25 0.00	43.75 2.82 0.00	45.11 3.03 0.00	42.84 3.03 0.00	40.50 2.93 0.00	40.93 3.00 0.00	38.46 2.82 0.00	40.05 2.97 0.00	42.15 3.23 0.00	43.45 3.48 0.00	47.12 3.69 0.00	51.50 3.64 0.00	55.90 3.56 0.00	59.13 3.71 0.00	59.29 3.88 0.00	50.91 3.20 0.00	43.42 2.88 0.00	38.10 2.39 0.00
RAVENSWOOD_GT3_2 24249	30.81 2.36 0.00	27.35 2.05 0.00	27.79 2.15 0.00	26.86 2.06 0.00	26.53 1.97 0.00	31.73 2.16 0.00	39.08 2.25 0.00	43.75 2.82 0.00	45.11 3.03 0.00	42.84 3.03 0.00	40.50 2.93 0.00	40.93 3.00 0.00	38.46 2.82 0.00	40.05 2.97 0.00	42.15 3.23 0.00	43.45 3.48 0.00	47.12 3.69 0.00	51.50 3.64 0.00	55.90 3.56 0.00	59.13 3.71 0.00	59.29 3.88 0.00	50.91 3.20 0.00	43.42 2.88 0.00	38.10 2.39 0.00
RAVENSWOOD_GT3_3 24250	30.84 2.39 0.00	27.37 2.07 0.00	27.82 2.18 0.00	26.91 2.11 0.00	26.55 1.99 0.00	31.76 2.19 0.00	39.12 2.28 0.00	43.79 2.87 0.00	45.15 3.07 0.00	42.92 3.11 0.00	40.58 3.01 0.00	41.00 3.07 0.00	38.49 2.85 0.00	40.12 3.04 0.00	42.23 3.31 0.00	43.49 3.52 0.00	47.16 3.73 0.00	51.55 3.69 0.00	56.01 3.66 0.00	59.18 3.77 0.00	59.35 3.93 0.00	51.00 3.29 0.00	43.46 2.92 0.00	38.14 2.43 0.00
RAVENSWOOD_GT3_4 24251	30.84 2.39 0.00	27.37 2.07 0.00	27.82 2.18 0.00	26.91 2.11 0.00	26.55 1.99 0.00	31.76 2.19 0.00	39.12 2.28 0.00	43.79 2.87 0.00	45.15 3.07 0.00	42.92 3.11 0.00	40.58 3.01 0.00	41.00 3.07 0.00	38.49 2.85 0.00	40.12 3.04 0.00	42.23 3.31 0.00	43.49 3.52 0.00	47.16 3.73 0.00	51.55 3.69 0.00	56.01 3.66 0.00	59.18 3.77 0.00	59.35 3.93 0.00	51.00 3.29 0.00	43.46 2.92 0.00	38.14 2.43 0.00
RAVENSWOOD_GT_1 23729	30.90 2.45 0.00	27.48 2.18 0.00	27.92 2.28 0.00	26.99 2.18 -0.01	26.65 2.09 0.00	31.79 2.22 0.00	39.08 2.25 0.00	43.80 2.87 -0.01	45.80 3.11 -0.60	44.18 3.15 -1.23	42.39 3.08 -1.74	42.71 3.15 -1.63	40.78 2.96 -2.18	42.02 3.11 -1.83	44.08 3.39 -1.77	45.36 3.64 -1.75	48.22 3.87 -0.92	51.60 3.73 0.00	55.95 3.61 0.00	59.18 3.77 0.00	59.29 3.88 0.00	50.91 3.20 0.00	44.73 2.88 -1.31	38.11 2.39 -0.01
RAVENSWOOD_GT_10 24258	30.79 2.33 0.00	27.35 2.05 0.00	27.79 2.15 0.00	26.86 2.06 0.00	26.53 1.97 0.00	31.73 2.16 0.00	39.08 2.25 0.00	43.75 2.82 0.00	45.07 2.99 0.00	42.84 3.03 0.00	40.50 2.93 0.00	40.93 3.00 0.00	38.46 2.82 0.00	40.05 2.97 0.00	42.15 3.23 0.00	43.45 3.48 0.00	47.12 3.69 0.00	51.50 3.64 0.00	55.90 3.56 0.00	59.13 3.71 0.00	59.29 3.88 0.00	50.95 3.24 0.00	43.42 2.88 0.00	38.10 2.39 0.00
RAVENSWOOD_GT_11 24259	30.79 2.33 0.00	27.35 2.05 0.00	27.79 2.15 0.00	26.86 2.06 0.00	26.53 1.97 0.00	31.73 2.16 0.00	39.08 2.25 0.00	43.75 2.82 0.00	45.07 2.99 0.00	42.84 3.03 0.00	40.50 2.93 0.00	40.93 3.00 0.00	38.46 2.82 0.00	40.05 2.97 0.00	42.15 3.23 0.00	43.45 3.48 0.00	47.12 3.69 0.00	51.50 3.64 0.00	55.90 3.56 0.00	59.13 3.71 0.00	59.29 3.88 0.00	50.95 3.24 0.00	43.42 2.88 0.00	38.10 2.39 0.00
RAVENSWOOD_GT_4 24252	30.79 2.33 0.00	27.32 2.02 0.00	27.80 2.15 0.00	26.86 2.06 0.01	26.51 1.94 0.00	31.73 2.16 0.00	39.08 2.25 0.00	43.76 2.82 -0.01	45.53 2.99 -0.46	43.77 3.03 -0.93	41.82 2.93 -1.32	42.17 3.00 -1.24	40.08 2.78 -1.66	41.44 2.97 -1.39	43.50 3.23 -1.35	44.74 3.44 -1.33	47.78 3.65 -0.70	51.51 3.64 0.00	55.90 3.56 0.00	59.13 3.71 0.00	59.29 3.88 0.00	50.96 3.24 0.00	44.42 2.88 -1.00	38.11 2.39 -0.01
RAVENSWOOD_GT_5 24254	30.79 2.33 0.00	27.32 2.02 0.00	27.80 2.15 0.00	26.86 2.06 0.01	26.51 1.94 0.00	31.73 2.16 0.00	39.08 2.25 0.00	43.76 2.82 -0.01	45.53 2.99 -0.46	43.77 3.03 -0.93	41.82 2.93 -1.32	42.17 3.00 -1.24	40.08 2.78 -1.66	41.44 2.97 -1.39	43.50 3.23 -1.35	44.74 3.44 -1.33	47.78 3.65 -0.70	51.51 3.64 0.00	55.90 3.56 0.00	59.13 3.71 0.00	59.29 3.88 0.00	50.96 3.24 0.00	44.42 2.88 -1.00	38.11 2.39 -0.01
RAVENSWOOD_GT_6 24253	30.79 2.33 0.00	27.32 2.02 0.00	27.80 2.15 0.00	26.86 2.06 0.01	26.51 1.94 0.00	31.73 2.16 0.00	39.08 2.25 0.00	43.76 2.82 -0.01	45.53 2.99 -0.46	43.77 3.03 -0.93	41.82 2.93 -1.32	42.17 3.00 -1.24	40.08 2.78 -1.66	41.44 2.97 -1.39	43.50 3.23 -1.35	44.74 3.44 -1.33	47.78 3.65 -0.70	51.51 3.64 0.00	55.90 3.56 0.00	59.13 3.71 0.00	59.29 3.88 0.00	50.96 3.24 0.00	44.42 2.88 -1.00	38.11 2.39 -0.01
RAVENSWOOD_GT_7 24255	30.79 2.33 0.00	27.32 2.02 0.00	27.80 2.15 0.00	26.86 2.06 0.01	26.51 1.94 0.00	31.73 2.16 0.00	39.08 2.25 0.00	43.76 2.82 -0.01	45.53 2.99 -0.46	43.77 3.03 -0.93	41.82 2.93 -1.32	42.17 3.00 -1.24	40.08 2.78 -1.66	41.44 2.97 -1.39	43.50 3.23 -1.35	44.74 3.44 -1.33	47.78 3.65 -0.70	51.51 3.64 0.00	55.90 3.56 0.00	59.13 3.71 0.00	59.29 3.88 0.00	50.96 3.24 0.00	44.42 2.88 -1.00	38.11 2.39 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	30.79 2.33 0.00	27.35 2.05 0.00	27.79 2.15 0.00	26.86 2.06 0.00	26.53 1.97 0.00	31.73 2.16 0.00	39.08 2.25 0.00	43.75 2.82 0.00	45.07 2.99 0.00	42.84 3.03 0.00	40.50 2.93 0.00	40.93 3.00 0.00	38.46 2.82 0.00	40.05 2.97 0.00	42.15 3.23 0.00	43.45 3.48 0.00	47.12 3.69 0.00	51.50 3.64 0.00	55.90 3.56 0.00	59.13 3.71 0.00	59.29 3.88 0.00	50.95 3.24 0.00	43.42 2.88 0.00	38.10 2.39 0.00
RAVENSWOOD_GT_9 24257	30.79 2.33 0.00	27.35 2.05 0.00	27.79 2.15 0.00	26.86 2.06 0.00	26.53 1.97 0.00	31.73 2.16 0.00	39.08 2.25 0.00	43.75 2.82 0.00	45.07 2.99 0.00	42.84 3.03 0.00	40.50 2.93 0.00	40.93 3.00 0.00	38.46 2.82 0.00	40.05 2.97 0.00	42.15 3.23 0.00	43.45 3.48 0.00	47.12 3.69 0.00	51.50 3.64 0.00	55.90 3.56 0.00	59.13 3.71 0.00	59.29 3.88 0.00	50.95 3.24 0.00	43.42 2.88 0.00	38.10 2.39 0.00

RAVENSWOOD___1 23533	30.87 2.42 0.00	27.45 2.15 0.00	27.90 2.26 0.00	26.99 2.18 -0.01	26.63 2.06 0.00	31.73 2.16 0.00	39.08 2.25 0.00	43.75 2.82 0.00	45.15 3.07 0.00	42.88 3.07 0.00	40.58 3.01 0.00	41.04 3.11 0.00	38.57 2.92 0.00	40.16 3.08 0.00	42.23 3.31 0.00	43.57 3.60 0.00	47.25 3.82 0.00	51.55 3.69 0.00	55.95 3.61 0.00	59.13 3.71 0.00	59.29 3.88 0.00	50.91 3.20 0.00	43.42 2.88 0.00	38.10 2.39 0.00
RAVENSWOOD___2 23534	30.84 2.39 0.00	27.45 2.15 0.00	27.90 2.26 0.00	26.97 2.16 -0.01	26.63 2.06 0.00	31.73 2.16 0.00	39.08 2.25 0.00	43.75 2.82 0.00	45.15 3.07 0.00	42.88 3.07 0.00	40.58 3.01 0.00	41.04 3.11 0.00	38.57 2.92 0.00	40.16 3.08 0.00	42.23 3.31 0.00	43.57 3.60 0.00	47.25 3.82 0.00	51.55 3.69 0.00	55.90 3.56 0.00	59.13 3.71 0.00	59.29 3.88 0.00	50.91 3.20 0.00	43.42 2.88 0.00	38.10 2.39 0.00
RAVENSWOOD___3 23535	30.79 2.33 0.00	27.35 2.05 0.00	27.79 2.15 0.00	26.86 2.06 0.00	26.53 1.97 0.00	31.70 2.13 0.00	39.12 2.28 0.00	43.75 2.82 0.00	45.11 3.03 0.00	42.80 2.99 0.00	40.46 2.89 0.00	40.92 3.00 0.00	38.46 2.82 0.00	40.05 2.97 0.00	42.11 3.19 0.00	43.45 3.48 0.00	47.12 3.69 0.00	51.50 3.64 0.00	55.90 3.56 0.00	59.13 3.71 0.00	59.29 3.88 0.00	50.96 3.25 0.00	43.38 2.84 0.00	38.10 2.39 0.00
RAVENSWOOD___4 23820	30.84 2.39 0.00	27.42 2.13 0.00	27.89 2.26 0.00	26.97 2.16 -0.01	26.63 2.06 0.00	31.72 2.16 0.00	39.08 2.25 0.00	43.74 2.82 0.01	44.56 3.07 0.59	41.67 3.07 1.21	38.83 2.97 1.71	39.43 3.11 1.61	36.42 2.92 2.15	38.36 3.08 1.80	40.48 3.31 1.74	41.80 3.56 1.72	46.34 3.82 0.91	51.50 3.64 0.00	55.90 3.56 0.00	59.07 3.66 0.00	59.24 3.82 0.00	50.90 3.20 0.00	42.09 2.84 1.29	38.09 2.39 0.01
RCPL_TRUST___DRP 24196	31.01 2.56 0.00	27.52 2.23 0.00	27.97 2.33 0.00	27.03 2.23 0.00	26.70 2.14 0.00	31.94 2.37 0.00	39.37 2.54 0.00	44.08 3.15 0.00	45.36 3.28 0.00	43.12 3.30 0.00	40.80 3.23 0.00	41.23 3.30 0.00	38.71 3.07 0.00	40.34 3.26 0.00	42.46 3.54 0.00	43.77 3.80 0.00	47.42 4.00 0.00	52.03 4.16 0.00	56.42 4.08 0.00	59.63 4.21 0.00	59.79 4.38 0.00	51.34 3.63 0.00	43.58 3.04 0.00	38.28 2.57 0.00
RED___ROCHESTER 323720	27.91 -0.54 0.00	24.82 -0.48 0.00	25.10 -0.54 0.00	24.26 -0.55 0.00	24.12 -0.44 0.00	29.07 -0.50 0.00	35.58 -1.25 0.00	39.17 -1.76 0.00	40.23 -1.85 0.00	38.18 -1.63 0.00	36.10 -1.47 0.00	36.37 -1.56 0.00	34.18 -1.46 0.00	35.67 -1.41 0.00	37.29 -1.63 0.00	38.33 -1.64 0.00	41.34 -2.08 0.00	45.90 -1.96 0.00	50.66 -1.68 0.00	53.92 -1.49 0.00	53.31 -2.11 0.00	45.90 -1.81 0.00	38.84 -1.70 0.00	34.56 -1.14 0.00
REGAN___SOLAR 323812	30.47 2.02 0.00	27.07 1.77 0.00	27.49 1.85 0.00	26.56 1.76 0.00	26.33 1.77 0.00	31.70 2.13 0.00	39.34 2.51 0.00	43.79 2.86 0.00	44.90 2.82 0.00	42.04 2.23 0.00	39.52 1.95 0.00	39.86 1.93 0.00	37.49 1.85 0.00	39.01 1.93 0.00	40.98 2.06 0.00	42.17 2.20 0.00	46.03 2.61 0.00	51.16 3.30 0.00	56.21 3.87 0.00	59.85 4.43 0.00	59.85 4.43 0.00	51.43 3.72 0.00	43.58 3.04 0.00	38.17 2.46 0.00
RENSSELAER___COGEN 23796	29.34 0.88 0.00	26.11 0.81 0.00	26.48 0.84 0.00	25.62 0.82 0.00	25.35 0.79 0.00	30.34 0.77 0.00	37.57 0.74 0.00	41.54 0.61 0.00	42.71 0.63 0.00	40.37 0.56 0.00	38.10 0.53 0.00	38.46 0.53 0.00	36.21 0.57 0.00	37.67 0.59 0.00	39.54 0.62 0.00	40.69 0.72 0.00	44.12 0.69 0.00	48.48 0.62 0.00	52.81 0.47 0.00	55.86 0.44 0.00	55.91 0.50 0.00	48.19 0.48 0.00	41.19 0.65 0.00	36.21 0.50 0.00
REPUBLIC_115KV_BARTNBK 55605	30.70 2.25 0.00	27.22 1.92 0.00	27.69 2.05 0.00	26.76 1.96 0.00	26.50 1.94 0.00	31.91 2.34 0.00	39.96 3.13 0.00	44.61 3.68 0.00	45.83 3.75 0.00	42.68 2.87 0.00	40.12 2.55 0.00	40.51 2.58 0.00	38.24 2.60 0.00	39.71 2.63 0.00	41.72 2.80 0.00	43.01 3.04 0.00	47.08 3.65 0.00	51.98 4.12 0.00	57.26 4.92 0.00	60.96 5.54 0.00	60.96 5.54 0.00	52.34 4.63 0.00	44.27 3.73 0.00	38.67 2.96 0.00
REVERE_CPPR_DRP 24186	29.22 0.77 0.00	25.96 0.66 0.00	26.28 0.64 0.00	25.42 0.62 0.00	25.23 0.66 0.00	30.46 0.89 0.00	37.83 0.99 0.00	41.95 1.02 0.00	43.09 1.01 0.00	40.65 0.84 0.00	38.40 0.83 0.00	38.80 0.87 0.00	36.39 0.75 0.00	37.82 0.74 0.00	39.70 0.78 0.00	40.85 0.88 0.00	44.47 1.04 0.00	49.30 1.44 0.00	54.17 1.83 0.00	57.58 2.16 0.00	57.63 2.22 0.00	49.48 1.77 0.00	41.72 1.18 0.00	36.67 0.96 0.00
REYNLDPA_13_KV_LD 356490	28.05 -0.40 0.00	24.89 -0.40 0.00	25.25 -0.38 0.00	24.43 -0.37 0.00	24.15 -0.42 0.00	29.22 -0.35 0.00	36.98 0.15 0.00	41.17 0.25 0.00	42.38 0.29 0.00	40.05 0.24 0.00	37.83 0.26 0.00	38.16 0.23 0.00	35.78 0.14 0.00	37.15 0.07 0.00	39.08 0.16 0.00	40.09 0.12 0.00	43.65 0.22 0.00	48.25 0.38 0.00	52.86 0.52 0.00	55.86 0.44 0.00	55.91 0.50 0.00	48.14 0.43 0.00	41.03 0.49 0.00	35.96 0.25 0.00
REYNOLDS_115KV_TB3 80639	29.45 1.00 0.00	26.23 0.94 0.00	26.61 0.97 0.00	25.74 0.94 0.00	25.47 0.91 0.00	30.49 0.92 0.00	37.75 0.92 0.00	41.83 0.90 0.00	43.01 0.93 0.00	40.69 0.88 0.00	38.40 0.83 0.00	38.76 0.83 0.00	36.50 0.86 0.00	37.93 0.85 0.00	39.81 0.90 0.00	40.93 0.96 0.00	44.47 1.04 0.00	48.82 0.96 0.00	53.13 0.79 0.00	56.19 0.78 0.00	56.25 0.83 0.00	48.47 0.76 0.00	41.43 0.89 0.00	36.42 0.71 0.00
RIVERBAY____ 323610	31.21 2.76 0.00	27.73 2.43 0.00	28.23 2.59 0.00	27.27 2.46 -0.01	26.87 2.31 0.00	31.88 2.31 0.00	39.15 2.32 0.00	43.88 2.95 0.00	45.24 3.16 0.00	43.04 3.22 0.00	40.69 3.12 0.00	41.12 3.19 0.00	38.64 2.99 0.00	40.19 3.11 0.00	42.34 3.42 0.00	43.61 3.64 0.00	47.42 4.00 0.00	51.65 3.78 0.00	56.06 3.72 0.00	59.29 3.88 0.00	59.40 3.99 0.00	51.00 3.29 0.00	43.50 2.96 0.00	38.21 2.50 0.00
RIVERSDE_115KV_TB3 55908	29.42 0.97 0.00	26.18 0.89 0.00	26.56 0.92 0.00	25.70 0.89 0.00	25.42 0.86 0.00	30.43 0.86 0.00	37.68 0.85 0.00	41.71 0.78 0.00	42.92 0.84 0.00	40.57 0.76 0.00	38.28 0.71 0.00	38.65 0.72 0.00	36.39 0.75 0.00	37.86 0.78 0.00	39.74 0.82 0.00	40.85 0.88 0.00	44.34 0.91 0.00	48.73 0.86 0.00	53.02 0.68 0.00	56.08 0.66 0.00	56.13 0.72 0.00	48.38 0.67 0.00	41.35 0.81 0.00	36.35 0.64 0.00
ROARING___BROOK_WT_PWR 323790	27.85 -0.60 0.00	24.79 -0.51 0.00	25.18 -0.46 0.00	24.38 -0.42 0.00	24.15 -0.42 0.00	29.16 -0.41 0.00	36.46 -0.37 0.00	40.64 -0.28 0.00	41.87 -0.21 0.00	39.66 -0.16 0.00	37.46 -0.11 0.00	37.82 -0.11 0.00	35.54 -0.11 0.00	36.97 -0.11 0.00	38.80 -0.12 0.00	39.85 -0.12 0.00	43.34 -0.09 0.00	47.77 -0.10 0.00	52.29 -0.05 0.00	55.30 -0.11 0.00	55.30 -0.11 0.00	47.57 -0.14 0.00	40.42 -0.12 0.00	35.49 -0.21 0.00

ROCHESRG_115KV_T4 355643	27.68 -0.77 0.00	24.61 -0.68 0.00	24.87 -0.77 0.00	24.03 -0.77 0.00	23.93 -0.64 0.00	28.77 -0.80 0.00	35.25 -1.58 0.00	38.80 -2.13 0.00	39.81 -2.27 0.00	37.62 -2.19 0.00	35.58 -1.99 0.00	35.92 -2.01 0.00	33.79 -1.85 0.00	35.26 -1.82 0.00	36.78 -2.14 0.00	37.85 -2.12 0.00	40.87 -2.56 0.00	45.33 -2.54 0.00	49.99 -2.36 0.00	53.20 -2.22 0.00	52.70 -2.72 0.00	45.37 -2.34 0.00	38.39 -2.15 0.00	34.24 -1.46 0.00
ROCHESTER_9_IC 23652	27.83 -0.63 0.00	24.74 -0.56 0.00	25.00 -0.64 0.00	24.16 -0.64 0.00	24.02 -0.54 0.00	28.92 -0.65 0.00	35.43 -1.40 0.00	39.01 -1.92 0.00	40.02 -2.06 0.00	37.86 -1.95 0.00	35.80 -1.77 0.00	36.15 -1.78 0.00	34.00 -1.64 0.00	35.49 -1.59 0.00	36.97 -1.95 0.00	38.09 -1.88 0.00	41.13 -2.30 0.00	45.61 -2.25 0.00	50.35 -1.99 0.00	53.59 -1.83 0.00	52.98 -2.44 0.00	45.66 -2.05 0.00	38.64 -1.91 0.00	34.42 -1.29 0.00
ROCKVIEW_13_KV_LD 356306	30.73 2.28 0.00	27.30 2.00 0.00	27.72 2.08 0.00	26.79 1.98 0.00	26.46 1.89 0.00	31.64 2.07 0.00	39.04 2.21 0.00	43.71 2.78 0.00	45.03 2.95 0.00	42.80 2.99 0.00	40.43 2.86 0.00	40.85 2.92 0.00	38.39 2.74 0.00	39.97 2.89 0.00	42.07 3.15 0.00	43.33 3.36 0.00	46.99 3.56 0.00	51.45 3.59 0.00	55.95 3.61 0.00	59.13 3.71 0.00	59.29 3.88 0.00	50.95 3.24 0.00	43.38 2.84 0.00	38.06 2.36 0.00
ROME____115KV_TB2 80656	29.22 0.77 0.00	25.96 0.66 0.00	26.28 0.64 0.00	25.42 0.62 0.00	25.23 0.66 0.00	30.46 0.89 0.00	37.83 0.99 0.00	41.95 1.02 0.00	43.09 1.01 0.00	40.65 0.84 0.00	38.40 0.83 0.00	38.80 0.87 0.00	36.39 0.75 0.00	37.82 0.74 0.00	39.70 0.78 0.00	40.85 0.88 0.00	44.47 1.04 0.00	49.30 1.44 0.00	54.17 1.83 0.00	57.58 2.16 0.00	57.63 2.22 0.00	49.48 1.77 0.00	41.72 1.18 0.00	36.67 0.96 0.00
ROSETON___1 23587	30.28 1.82 0.00	26.92 1.62 0.00	27.30 1.67 0.00	26.41 1.61 0.00	26.11 1.55 0.00	31.20 1.63 0.00	38.56 1.73 0.00	43.06 2.13 0.00	44.31 2.23 0.00	42.04 2.23 0.00	39.71 2.14 0.00	40.13 2.20 0.00	37.71 2.07 0.00	39.27 2.19 0.00	41.25 2.34 0.00	42.57 2.60 0.00	46.21 2.78 0.00	50.59 2.73 0.00	55.01 2.67 0.00	58.24 2.82 0.00	58.40 2.99 0.00	50.19 2.48 0.00	42.73 2.19 0.00	37.53 1.82 0.00
ROSETON___2 23588	30.28 1.82 0.00	26.92 1.62 0.00	27.30 1.67 0.00	26.41 1.61 0.00	26.11 1.55 0.00	31.20 1.63 0.00	38.56 1.73 0.00	43.06 2.13 0.00	44.31 2.23 0.00	42.04 2.23 0.00	39.71 2.14 0.00	40.13 2.20 0.00	37.71 2.07 0.00	39.27 2.19 0.00	41.25 2.34 0.00	42.57 2.60 0.00	46.21 2.78 0.00	50.59 2.73 0.00	55.01 2.67 0.00	58.24 2.82 0.00	58.40 2.99 0.00	50.19 2.48 0.00	42.73 2.19 0.00	37.53 1.82 0.00
ROTRDAM_115KV_TB3 80664	29.48 1.02 0.00	26.21 0.91 0.00	26.59 0.95 0.00	25.72 0.92 0.00	25.45 0.88 0.00	30.55 0.98 0.00	37.90 1.07 0.00	42.16 1.23 0.00	43.34 1.26 0.00	40.93 1.11 0.00	38.58 1.01 0.00	38.95 1.02 0.00	36.64 1.00 0.00	38.12 1.04 0.00	40.01 1.09 0.00	41.13 1.16 0.00	44.73 1.30 0.00	49.25 1.39 0.00	53.75 1.41 0.00	56.97 1.55 0.00	56.97 1.55 0.00	49.09 1.38 0.00	41.80 1.26 0.00	36.71 1.00 0.00
RUSSELL___1 23602	27.91 -0.54 0.00	24.82 -0.48 0.00	25.10 -0.54 0.00	24.26 -0.55 0.00	24.12 -0.44 0.00	29.04 -0.53 0.00	35.58 -1.25 0.00	39.17 -1.76 0.00	40.23 -1.85 0.00	38.06 -1.75 0.00	36.03 -1.54 0.00	36.37 -1.56 0.00	34.18 -1.46 0.00	35.67 -1.41 0.00	37.21 -1.71 0.00	38.33 -1.64 0.00	41.34 -2.08 0.00	45.90 -1.96 0.00	50.67 -1.67 0.00	53.92 -1.50 0.00	53.31 -2.11 0.00	45.90 -1.81 0.00	38.84 -1.70 0.00	34.57 -1.14 0.00
RUSSELL___2 23532	27.91 -0.54 0.00	24.82 -0.48 0.00	25.10 -0.54 0.00	24.26 -0.55 0.00	24.12 -0.44 0.00	29.04 -0.53 0.00	35.58 -1.25 0.00	39.17 -1.76 0.00	40.23 -1.85 0.00	38.06 -1.75 0.00	36.03 -1.54 0.00	36.37 -1.56 0.00	34.18 -1.46 0.00	35.67 -1.41 0.00	37.21 -1.71 0.00	38.33 -1.64 0.00	41.34 -2.08 0.00	45.90 -1.96 0.00	50.67 -1.67 0.00	53.92 -1.50 0.00	53.31 -2.11 0.00	45.90 -1.81 0.00	38.84 -1.70 0.00	34.57 -1.14 0.00
RUSSELL___3 23549	27.91 -0.54 0.00	24.82 -0.48 0.00	25.10 -0.54 0.00	24.26 -0.55 0.00	24.12 -0.44 0.00	29.04 -0.53 0.00	35.58 -1.25 0.00	39.17 -1.76 0.00	40.23 -1.85 0.00	38.06 -1.75 0.00	36.03 -1.54 0.00	36.37 -1.56 0.00	34.18 -1.46 0.00	35.67 -1.41 0.00	37.21 -1.71 0.00	38.33 -1.64 0.00	41.34 -2.08 0.00	45.90 -1.96 0.00	50.67 -1.67 0.00	53.92 -1.50 0.00	53.31 -2.11 0.00	45.90 -1.81 0.00	38.84 -1.70 0.00	34.57 -1.14 0.00
RUSSELL___4 23556	27.91 -0.54 0.00	24.82 -0.48 0.00	25.10 -0.54 0.00	24.26 -0.55 0.00	24.12 -0.44 0.00	29.04 -0.53 0.00	35.58 -1.25 0.00	39.17 -1.76 0.00	40.23 -1.85 0.00	38.06 -1.75 0.00	36.03 -1.54 0.00	36.37 -1.56 0.00	34.18 -1.46 0.00	35.67 -1.41 0.00	37.21 -1.71 0.00	38.33 -1.64 0.00	41.34 -2.08 0.00	45.90 -1.96 0.00	50.67 -1.67 0.00	53.92 -1.50 0.00	53.31 -2.11 0.00	45.90 -1.81 0.00	38.84 -1.70 0.00	34.57 -1.14 0.00
RUSSELL___STATION 23914	27.91 -0.54 0.00	24.82 -0.48 0.00	25.10 -0.54 0.00	24.26 -0.55 0.00	24.12 -0.44 0.00	29.04 -0.53 0.00	35.58 -1.25 0.00	39.17 -1.76 0.00	40.23 -1.85 0.00	38.06 -1.75 0.00	36.03 -1.54 0.00	36.37 -1.56 0.00	34.18 -1.46 0.00	35.67 -1.41 0.00	37.21 -1.71 0.00	38.33 -1.64 0.00	41.34 -2.08 0.00	45.90 -1.96 0.00	50.67 -1.67 0.00	53.92 -1.50 0.00	53.31 -2.11 0.00	45.90 -1.81 0.00	38.84 -1.70 0.00	34.57 -1.14 0.00
S SALMON___HYD 24043	28.20 -0.26 0.00	25.07 -0.23 0.00	25.36 -0.28 0.00	24.53 -0.27 0.00	24.37 -0.20 0.00	29.30 -0.27 0.00	36.32 -0.52 0.00	40.15 -0.78 0.00	41.11 -0.97 0.00	38.90 -0.91 0.00	36.82 -0.75 0.00	37.13 -0.80 0.00	34.86 -0.78 0.00	36.26 -0.82 0.00	38.10 -0.82 0.00	39.05 -0.92 0.00	42.39 -1.04 0.00	46.95 -0.91 0.00	51.66 -0.68 0.00	54.97 -0.45 0.00	54.91 -0.50 0.00	47.14 -0.57 0.00	39.94 -0.61 0.00	35.21 -0.50 0.00
S.PERRY__115KV_TB1 80734	28.65 0.20 0.00	25.50 0.20 0.00	25.74 0.10 0.00	24.88 0.07 0.00	24.79 0.22 0.00	29.87 0.30 0.00	36.68 -0.15 0.00	40.36 -0.57 0.00	40.99 -1.09 0.00	38.46 -1.35 0.00	36.22 -1.35 0.00	36.45 -1.48 0.00	34.25 -1.39 0.00	35.86 -1.22 0.00	37.40 -1.52 0.00	38.61 -1.36 0.00	40.56 -2.87 0.00	45.42 -2.44 0.00	50.56 -1.78 0.00	54.20 -1.22 0.00	53.64 -1.77 0.00	46.09 -1.62 0.00	40.10 -0.45 0.00	35.60 -0.11 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	27.29 -1.17 0.00	24.26 -1.04 0.00	24.38 -1.26 0.00	23.61 -1.19 0.00	23.53 -1.03 0.00	28.24 -1.33 0.00	34.40 -2.43 0.00	37.70 -3.23 0.00	38.63 -3.45 0.00	36.43 -3.38 0.00	34.41 -3.16 0.00	34.78 -3.15 0.00	32.75 -2.89 0.00	34.26 -2.82 0.00	35.53 -3.39 0.00	36.69 -3.28 0.00	39.52 -3.91 0.00	43.80 -4.07 0.00	48.68 -3.66 0.00	51.87 -3.55 0.00	51.26 -4.16 0.00	44.08 -3.63 0.00	37.30 -3.24 0.00	33.53 -2.18 0.00

SAWYER___23_KV_LOAD 55526	27.29 -1.17 0.00	24.26 -1.04 0.00	24.38 -1.26 0.00	23.61 -1.19 0.00	23.53 -1.03 0.00	28.24 -1.33 0.00	34.40 -2.43 0.00	37.70 -3.23 0.00	38.63 -3.45 0.00	36.43 -3.38 0.00	34.41 -3.16 0.00	34.78 -3.15 0.00	32.75 -2.89 0.00	34.26 -2.82 0.00	35.53 -3.39 0.00	36.69 -3.28 0.00	39.52 -3.91 0.00	43.80 -4.07 0.00	48.68 -3.66 0.00	51.87 -3.55 0.00	51.26 -4.16 0.00	44.08 -3.63 0.00	37.30 -3.24 0.00	33.53 -2.18 0.00
SELKIRK___I 23801	29.36 0.91 0.00	26.13 0.83 0.00	26.51 0.87 0.00	25.67 0.87 0.00	25.40 0.84 0.00	30.40 0.83 0.00	37.64 0.81 0.00	41.71 0.78 0.00	42.84 0.76 0.00	40.45 0.64 0.00	38.10 0.53 0.00	38.46 0.53 0.00	36.18 0.54 0.00	37.64 0.56 0.00	39.50 0.58 0.00	40.65 0.68 0.00	44.21 0.78 0.00	48.73 0.86 0.00	53.13 0.79 0.00	56.25 0.83 0.00	56.36 0.94 0.00	48.57 0.86 0.00	41.43 0.89 0.00	36.46 0.75 0.00
SELKIRK___II 23799	29.34 0.88 0.00	26.11 0.81 0.00	26.48 0.84 0.00	25.62 0.82 0.00	25.35 0.79 0.00	30.37 0.80 0.00	37.57 0.74 0.00	41.67 0.74 0.00	42.84 0.76 0.00	40.49 0.68 0.00	38.21 0.64 0.00	38.57 0.64 0.00	36.28 0.64 0.00	37.75 0.67 0.00	39.62 0.70 0.00	40.77 0.80 0.00	44.25 0.82 0.00	48.63 0.76 0.00	52.97 0.63 0.00	56.08 0.67 0.00	56.13 0.72 0.00	48.38 0.67 0.00	41.27 0.73 0.00	36.31 0.61 0.00
SENECA OSWGO___HYD 24041	28.08 -0.37 0.00	25.00 -0.30 0.00	25.28 -0.36 0.00	24.46 -0.35 0.00	24.27 -0.29 0.00	29.19 -0.39 0.00	36.10 -0.74 0.00	39.95 -0.98 0.00	40.99 -1.09 0.00	38.78 -1.04 0.00	36.63 -0.94 0.00	36.94 -0.99 0.00	34.75 -0.89 0.00	36.15 -0.93 0.00	37.95 -0.97 0.00	38.89 -1.08 0.00	42.26 -1.17 0.00	46.67 -1.19 0.00	51.14 -1.20 0.00	54.31 -1.11 0.00	54.14 -1.27 0.00	46.52 -1.19 0.00	39.41 -1.13 0.00	34.82 -0.89 0.00
SENECA___115KV_TB3 355854	27.54 -0.91 0.00	24.49 -0.81 0.00	24.61 -1.03 0.00	23.81 -0.99 0.00	23.73 -0.84 0.00	28.54 -1.03 0.00	34.81 -2.03 0.00	38.23 -2.70 0.00	39.18 -2.90 0.00	36.91 -2.91 0.00	34.90 -2.67 0.00	35.27 -2.66 0.00	33.22 -2.42 0.00	34.74 -2.34 0.00	36.04 -2.88 0.00	37.25 -2.72 0.00	40.17 -3.26 0.00	44.51 -3.35 0.00	49.46 -2.88 0.00	52.75 -2.66 0.00	52.15 -3.27 0.00	44.80 -2.91 0.00	37.87 -2.68 0.00	33.96 -1.75 0.00
SENECA___ENERGY 23797	28.26 -0.20 0.00	25.15 -0.15 0.00	25.38 -0.26 0.00	24.55 -0.25 0.00	24.42 -0.15 0.00	29.39 -0.18 0.00	36.32 -0.52 0.00	40.19 -0.74 0.00	41.16 -0.93 0.00	38.86 -0.96 0.00	36.74 -0.83 0.00	37.02 -0.91 0.00	34.75 -0.89 0.00	36.23 -0.85 0.00	37.99 -0.93 0.00	38.97 -1.00 0.00	42.30 -1.13 0.00	46.91 -0.96 0.00	51.45 -0.89 0.00	54.75 -0.66 0.00	54.42 -1.00 0.00	46.85 -0.86 0.00	39.61 -0.93 0.00	35.07 -0.64 0.00
SHOEMAKER___GT 23640	30.02 1.56 0.00	26.69 1.39 0.00	27.07 1.43 0.00	26.19 1.39 0.00	25.89 1.33 0.00	30.99 1.42 0.00	38.31 1.47 0.00	42.69 1.76 0.00	43.98 1.90 0.00	41.61 1.79 0.00	39.30 1.73 0.00	39.71 1.78 0.00	37.32 1.68 0.00	38.86 1.78 0.00	40.83 1.91 0.00	42.09 2.12 0.00	45.73 2.30 0.00	50.16 2.30 0.00	54.64 2.30 0.00	57.91 2.50 0.00	58.07 2.66 0.00	49.91 2.20 0.00	42.45 1.91 0.00	37.28 1.57 0.00
SHOEMAKR_138KV_BK 111 55601	30.05 1.59 0.00	26.69 1.39 0.00	27.08 1.44 0.00	26.19 1.39 0.00	25.92 1.35 0.00	31.02 1.45 0.00	38.27 1.44 0.00	42.73 1.80 0.00	43.97 1.89 0.00	41.69 1.87 0.00	39.37 1.80 0.00	39.75 1.82 0.00	37.35 1.71 0.00	38.90 1.82 0.00	40.90 1.98 0.00	42.13 2.16 0.00	45.77 2.35 0.00	50.21 2.35 0.00	54.70 2.36 0.00	57.91 2.49 0.00	58.07 2.66 0.00	49.91 2.19 0.00	42.49 1.95 0.00	37.28 1.57 0.00
SHOREHAM_IC_1 23715	48.05 3.64 -15.95	46.84 3.19 -18.35	46.19 3.26 -17.29	45.59 3.13 -17.66	46.12 3.05 -18.51	46.33 3.46 -13.31	47.10 3.90 -6.36	48.28 4.58 -2.77	49.36 4.71 -2.57	49.30 4.50 -4.98	48.16 3.61 -6.99	49.82 3.72 -8.17	47.45 3.42 -8.39	53.19 3.71 -12.40	57.02 3.97 -14.13	62.57 4.28 -18.32	83.61 4.65 -35.53	177.87 4.79 -125.22	206.48 5.13 -149.01	212.66 5.37 -151.87	217.24 5.59 -156.23	154.04 4.68 -101.65	101.04 4.54 -55.96	45.45 4.07 -5.67
SHOREHAM_IC_2 23716	48.04 3.64 -15.95	46.84 3.19 -18.35	46.19 3.26 -17.29	45.59 3.13 -17.66	46.12 3.05 -18.51	46.37 3.49 -13.31	47.06 3.87 -6.36	48.28 4.58 -2.77	49.36 4.71 -2.57	49.34 4.54 -4.98	48.24 3.68 -6.99	49.82 3.72 -8.17	47.45 3.42 -8.39	53.15 3.67 -12.40	57.06 4.01 -14.13	62.57 4.28 -18.32	83.61 4.65 -35.53	177.87 4.79 -125.22	206.48 5.13 -149.01	212.66 5.38 -151.87	217.19 5.54 -156.23	154.04 4.68 -101.65	101.04 4.54 -55.96	45.41 4.03 -5.67
SISSONVILLE___ 23735	27.03 -1.42 0.00	23.96 -1.34 0.00	24.31 -1.33 0.00	23.54 -1.26 0.00	23.26 -1.30 0.00	28.24 -1.33 0.00	36.06 -0.77 0.00	40.11 -0.82 0.00	41.24 -0.84 0.00	38.94 -0.88 0.00	36.74 -0.83 0.00	37.09 -0.83 0.00	34.72 -0.93 0.00	36.00 -1.08 0.00	37.91 -1.01 0.00	38.89 -1.08 0.00	42.43 -1.00 0.00	46.81 -1.05 0.00	51.45 -0.89 0.00	54.47 -0.94 0.00	54.58 -0.83 0.00	46.95 -0.76 0.00	40.14 -0.41 0.00	35.06 -0.64 0.00
SITHE_IND_GS1 24169	27.80 -0.65 0.00	24.72 -0.58 0.00	25.02 -0.62 0.00	24.21 -0.60 0.00	24.02 -0.54 0.00	28.89 -0.68 0.00	35.73 -1.10 0.00	39.50 -1.43 0.00	40.57 -1.51 0.00	38.38 -1.43 0.00	36.25 -1.32 0.00	36.57 -1.36 0.00	34.39 -1.25 0.00	35.78 -1.30 0.00	37.56 -1.36 0.00	38.45 -1.52 0.00	41.73 -1.69 0.00	46.09 -1.77 0.00	50.46 -1.88 0.00	53.53 -1.88 0.00	53.42 -1.99 0.00	45.95 -1.76 0.00	38.96 -1.58 0.00	34.49 -1.21 0.00
SITHE_IND_GS2 24170	27.80 -0.65 0.00	24.72 -0.58 0.00	25.02 -0.62 0.00	24.21 -0.60 0.00	24.02 -0.54 0.00	28.89 -0.68 0.00	35.73 -1.10 0.00	39.50 -1.43 0.00	40.57 -1.51 0.00	38.38 -1.43 0.00	36.25 -1.32 0.00	36.57 -1.36 0.00	34.39 -1.25 0.00	35.78 -1.30 0.00	37.56 -1.36 0.00	38.45 -1.52 0.00	41.73 -1.69 0.00	46.09 -1.77 0.00	50.46 -1.88 0.00	53.53 -1.88 0.00	53.42 -1.99 0.00	45.95 -1.76 0.00	38.96 -1.58 0.00	34.49 -1.21 0.00
SITHE_IND_GS3 24171	27.80 -0.65 0.00	24.72 -0.58 0.00	25.02 -0.62 0.00	24.21 -0.60 0.00	24.02 -0.54 0.00	28.89 -0.68 0.00	35.73 -1.10 0.00	39.50 -1.43 0.00	40.57 -1.51 0.00	38.38 -1.43 0.00	36.25 -1.32 0.00	36.57 -1.36 0.00	34.39 -1.25 0.00	35.78 -1.30 0.00	37.56 -1.36 0.00	38.45 -1.52 0.00	41.73 -1.69 0.00	46.09 -1.77 0.00	50.46 -1.88 0.00	53.53 -1.88 0.00	53.42 -1.99 0.00	45.95 -1.76 0.00	38.96 -1.58 0.00	34.49 -1.21 0.00
SITHE_IND_GS4 24172	27.80 -0.65 0.00	24.72 -0.58 0.00	25.02 -0.62 0.00	24.21 -0.60 0.00	24.02 -0.54 0.00	28.89 -0.68 0.00	35.73 -1.10 0.00	39.50 -1.43 0.00	40.57 -1.51 0.00	38.38 -1.43 0.00	36.25 -1.32 0.00	36.57 -1.36 0.00	34.39 -1.25 0.00	35.78 -1.30 0.00	37.56 -1.36 0.00	38.45 -1.52 0.00	41.73 -1.69 0.00	46.09 -1.77 0.00	50.46 -1.88 0.00	53.53 -1.88 0.00	53.42 -1.99 0.00	45.95 -1.76 0.00	38.96 -1.58 0.00	34.49 -1.21 0.00

SITHE___BATAVIA 24024	27.83 -0.63 0.00	24.77 -0.53 0.00	25.00 -0.64 0.00	24.16 -0.65 0.00	24.07 -0.49 0.00	29.04 -0.53 0.00	35.40 -1.44 0.00	38.84 -2.09 0.00	39.85 -2.23 0.00	37.66 -2.15 0.00	35.61 -1.96 0.00	35.77 -2.16 0.00	33.65 -2.00 0.00	35.15 -1.93 0.00	36.66 -2.26 0.00	37.73 -2.24 0.00	40.69 -2.73 0.00	45.37 -2.49 0.00	50.41 -1.94 0.00	53.86 -1.55 0.00	53.03 -2.38 0.00	45.71 -2.00 0.00	38.60 -1.95 0.00	34.49 -1.21 0.00
SITHE___INDEPEND 23800	27.80 -0.65 0.00	24.72 -0.58 0.00	25.02 -0.62 0.00	24.21 -0.60 0.00	24.02 -0.54 0.00	28.89 -0.68 0.00	35.73 -1.10 0.00	39.50 -1.43 0.00	40.57 -1.51 0.00	38.38 -1.43 0.00	36.22 -1.35 0.00	36.56 -1.37 0.00	34.39 -1.25 0.00	35.78 -1.30 0.00	37.52 -1.40 0.00	38.45 -1.52 0.00	41.73 -1.69 0.00	46.09 -1.77 0.00	50.46 -1.88 0.00	53.53 -1.88 0.00	53.36 -2.05 0.00	45.95 -1.77 0.00	38.96 -1.58 0.00	34.49 -1.21 0.00
SITHE___MASSENA 23902	27.91 -0.54 0.00	24.74 -0.56 0.00	25.10 -0.54 0.00	24.31 -0.50 0.00	24.00 -0.56 0.00	29.07 -0.50 0.00	36.87 0.04 0.00	41.13 0.21 0.00	42.34 0.25 0.00	40.01 0.20 0.00	37.76 0.19 0.00	38.12 0.19 0.00	35.71 0.07 0.00	37.08 0.00 0.00	39.00 0.08 0.00	40.01 0.04 0.00	43.60 0.17 0.00	48.06 0.19 0.00	52.66 0.32 0.00	55.69 0.28 0.00	55.75 0.33 0.00	48.00 0.29 0.00	41.03 0.49 0.00	35.96 0.25 0.00
SITHE___OGDNSBRG 24021	27.86 -0.60 0.00	24.72 -0.58 0.00	25.05 -0.59 0.00	24.26 -0.55 0.00	23.97 -0.59 0.00	29.16 -0.41 0.00	37.20 0.37 0.00	41.26 0.33 0.00	42.33 0.25 0.00	39.85 0.04 0.00	37.61 0.04 0.00	37.93 0.00 0.00	35.46 -0.18 0.00	36.78 -0.30 0.00	38.76 -0.16 0.00	39.81 -0.16 0.00	43.47 0.04 0.00	48.10 0.24 0.00	52.97 0.63 0.00	56.19 0.78 0.00	56.36 0.94 0.00	48.47 0.76 0.00	41.35 0.81 0.00	36.14 0.43 0.00
SITHE___STERLING 23777	29.11 0.65 0.00	25.90 0.61 0.00	26.20 0.56 0.00	25.35 0.54 0.00	25.15 0.59 0.00	30.34 0.77 0.00	37.64 0.81 0.00	41.75 0.82 0.00	42.84 0.76 0.00	40.41 0.60 0.00	38.17 0.60 0.00	38.53 0.60 0.00	36.18 0.54 0.00	37.60 0.52 0.00	39.46 0.54 0.00	40.61 0.64 0.00	44.21 0.78 0.00	48.92 1.05 0.00	53.70 1.36 0.00	57.08 1.66 0.00	57.08 1.66 0.00	49.00 1.29 0.00	41.40 0.85 0.00	36.42 0.71 0.00
SLEIGHT__34_KV_TB1 80719	27.91 -0.54 0.00	24.82 -0.48 0.00	25.08 -0.56 0.00	24.26 -0.55 0.00	24.12 -0.44 0.00	29.04 -0.53 0.00	35.73 -1.10 0.00	39.46 -1.47 0.00	40.48 -1.60 0.00	38.26 -1.55 0.00	36.22 -1.35 0.00	36.53 -1.40 0.00	34.32 -1.32 0.00	35.82 -1.26 0.00	37.40 -1.52 0.00	38.49 -1.48 0.00	41.65 -1.78 0.00	46.19 -1.68 0.00	50.88 -1.47 0.00	54.08 -1.33 0.00	53.59 -1.83 0.00	46.14 -1.57 0.00	38.96 -1.58 0.00	34.60 -1.11 0.00
SMITHTWN_69_KV_BK 1 55830	47.73 3.33 -15.95	46.59 2.93 -18.35	45.96 3.03 -17.29	45.37 2.90 -17.66	45.90 2.82 -18.51	46.07 3.19 -13.31	46.69 3.50 -6.36	47.87 4.17 -2.77	48.91 4.25 -2.58	48.93 4.10 -5.02	47.88 3.27 -7.04	49.46 3.30 -8.23	47.16 3.07 -8.45	52.79 3.23 -12.49	56.71 3.54 -14.24	62.13 3.72 -18.45	83.25 4.00 -35.82	239.61 4.07 -187.68	285.71 4.29 -229.08	294.77 4.49 -234.87	301.68 4.65 -241.61	207.13 3.91 -155.51	128.00 3.93 -83.52	44.99 3.54 -5.75
SOUTH CAIRO___GT 23612	30.13 1.68 0.00	26.84 1.54 0.00	27.15 1.51 0.00	26.32 1.51 0.00	26.06 1.50 0.00	31.17 1.60 0.00	38.64 1.80 0.00	42.93 2.01 0.00	44.10 2.02 0.00	41.25 1.43 0.00	38.77 1.20 0.00	38.99 1.06 0.00	36.60 0.96 0.00	38.04 0.96 0.00	39.97 1.05 0.00	41.33 1.36 0.00	44.77 1.35 0.00	49.59 1.72 0.00	54.38 2.04 0.00	57.85 2.44 0.00	58.07 2.66 0.00	49.91 2.19 0.00	42.49 1.95 0.00	37.31 1.61 0.00
SOUTH HAMPTN___IC 23720	48.05 3.64 -15.95	46.84 3.19 -18.35	46.22 3.28 -17.29	45.62 3.15 -17.66	46.12 3.05 -18.51	46.33 3.46 -13.31	47.14 3.94 -6.36	48.36 4.66 -2.77	49.52 4.88 -2.56	49.41 4.62 -4.98	48.30 3.76 -6.97	49.92 3.83 -8.16	47.62 3.60 -8.38	53.35 3.89 -12.38	57.27 4.24 -14.10	62.81 4.56 -18.28	83.84 4.95 -35.46	173.42 5.12 -120.43	200.77 5.55 -142.88	206.81 5.87 -145.53	211.22 6.10 -149.70	150.40 5.15 -97.53	99.33 4.94 -53.84	45.75 4.39 -5.66
SOUTHDOW_115KV_TB1 355954	28.20 -0.26 0.00	25.07 -0.23 0.00	25.18 -0.46 0.00	24.41 -0.40 0.00	24.34 -0.22 0.00	29.39 -0.18 0.00	36.02 -0.81 0.00	39.91 -1.02 0.00	41.11 -0.97 0.00	38.70 -1.11 0.00	36.67 -0.90 0.00	37.09 -0.83 0.00	34.82 -0.82 0.00	36.45 -0.63 0.00	37.83 -1.09 0.00	39.17 -0.80 0.00	42.21 -1.22 0.00	46.81 -1.05 0.00	51.98 -0.37 0.00	55.53 0.11 0.00	54.86 -0.55 0.00	46.85 -0.86 0.00	39.41 -1.14 0.00	34.96 -0.75 0.00
SOUTHOLD_69_KV_BK 2 55809	47.99 3.59 -15.95	46.74 3.09 -18.35	46.11 3.18 -17.29	45.52 3.05 -17.66	46.04 2.97 -18.51	46.25 3.37 -13.31	46.99 3.79 -6.36	48.37 4.67 -2.77	49.52 4.88 -2.56	49.53 4.74 -4.98	48.30 3.76 -6.98	49.96 3.87 -8.16	47.65 3.64 -8.38	53.43 3.97 -12.38	57.54 4.51 -14.10	63.09 4.84 -18.28	84.24 5.34 -35.47	173.90 5.55 -120.49	201.57 6.28 -142.95	207.61 6.59 -145.60	212.06 6.87 -149.78	151.06 5.77 -97.58	99.92 5.51 -53.87	46.26 4.89 -5.66
SOUTHOLD___IC 23719	47.99 3.59 -15.95	46.76 3.11 -18.35	46.11 3.18 -17.29	45.52 3.05 -17.66	46.04 2.97 -18.51	46.25 3.37 -13.31	47.03 3.83 -6.36	48.36 4.66 -2.77	49.52 4.88 -2.56	49.49 4.70 -4.98	48.27 3.72 -6.98	49.96 3.87 -8.16	47.65 3.64 -8.38	53.50 4.04 -12.38	57.50 4.47 -14.10	63.09 4.83 -18.28	84.23 5.34 -35.47	173.90 5.55 -120.49	201.57 6.28 -142.95	207.60 6.59 -145.60	212.06 6.87 -149.78	151.11 5.82 -97.58	99.92 5.51 -53.87	46.26 4.89 -5.66
SOUTH_FORK_WT_PWR 323839	47.70 3.30 -15.95	46.51 2.86 -18.35	45.86 2.92 -17.29	45.29 2.83 -17.66	45.80 2.73 -18.51	45.95 3.08 -13.31	46.70 3.50 -6.36	48.00 4.30 -2.77	49.19 4.55 -2.56	49.17 4.38 -4.98	47.89 3.34 -6.97	49.62 3.53 -8.16	47.37 3.35 -8.38	53.24 3.78 -12.38	57.27 4.24 -14.10	62.93 4.67 -18.28	84.06 5.17 -35.46	173.68 5.36 -120.46	201.43 6.17 -142.91	207.51 6.54 -145.56	212.02 6.87 -149.74	151.08 5.82 -97.55	99.91 5.51 -53.85	46.29 4.93 -5.66
SPIERFLS_115KV_TB 1 80737	29.88 1.42 0.00	26.54 1.24 0.00	26.97 1.33 0.00	26.07 1.26 0.00	25.82 1.25 0.00	31.02 1.45 0.00	38.82 1.99 0.00	43.34 2.41 0.00	44.56 2.48 0.00	41.80 1.99 0.00	39.34 1.77 0.00	39.75 1.82 0.00	37.46 1.82 0.00	38.93 1.85 0.00	40.90 1.98 0.00	42.09 2.12 0.00	45.90 2.48 0.00	50.40 2.54 0.00	55.12 2.77 0.00	58.46 3.05 0.00	58.52 3.10 0.00	50.33 2.62 0.00	42.73 2.19 0.00	37.42 1.71 0.00
ST LAWRENCE____ 23600	27.85 -0.60 0.00	24.74 -0.56 0.00	25.10 -0.54 0.00	24.28 -0.52 0.00	24.02 -0.54 0.00	29.04 -0.53 0.00	36.65 -0.18 0.00	40.85 -0.08 0.00	42.04 -0.04 0.00	39.77 -0.04 0.00	37.50 -0.07 0.00	37.85 -0.08 0.00	35.50 -0.14 0.00	36.90 -0.18 0.00	38.76 -0.16 0.00	39.81 -0.16 0.00	43.30 -0.13 0.00	47.77 -0.10 0.00	52.34 0.00 0.00	55.30 -0.11 0.00	55.36 -0.06 0.00	47.71 0.00 0.00	40.58 0.04 0.00	35.64 -0.07 0.00

STATE_CA_115KV_115_LB 55624	29.45 1.00 0.00	26.21 0.91 0.00	26.59 0.95 0.00	25.72 0.92 0.00	25.45 0.88 0.00	30.46 0.89 0.00	37.72 0.88 0.00	41.75 0.82 0.00	42.88 0.80 0.00	40.53 0.72 0.00	38.25 0.68 0.00	38.61 0.68 0.00	36.39 0.75 0.00	37.86 0.78 0.00	39.81 0.90 0.00	40.93 0.96 0.00	44.38 0.96 0.00	48.77 0.91 0.00	53.13 0.79 0.00	56.19 0.78 0.00	56.25 0.83 0.00	48.43 0.72 0.00	41.39 0.85 0.00	36.39 0.68 0.00
STATE_ST_34_KV_LOAD 55959	28.48 0.03 0.00	25.35 0.05 0.00	25.61 -0.03 0.00	24.78 -0.02 0.00	24.59 0.02 0.00	29.60 0.03 0.00	36.57 -0.26 0.00	40.52 -0.41 0.00	41.53 -0.55 0.00	39.18 -0.64 0.00	37.01 -0.56 0.00	37.36 -0.57 0.00	35.07 -0.57 0.00	36.56 -0.52 0.00	38.34 -0.58 0.00	39.37 -0.60 0.00	42.78 -0.65 0.00	47.39 -0.48 0.00	52.03 -0.31 0.00	55.30 -0.11 0.00	55.03 -0.39 0.00	47.33 -0.38 0.00	39.98 -0.57 0.00	35.35 -0.36 0.00
STATION_5_MISC_HYD 23604	27.83 -0.63 0.00	24.74 -0.56 0.00	25.00 -0.64 0.00	24.16 -0.65 0.00	24.02 -0.54 0.00	28.95 -0.62 0.00	35.43 -1.40 0.00	39.01 -1.92 0.00	40.02 -2.06 0.00	37.98 -1.83 0.00	35.92 -1.65 0.00	36.15 -1.78 0.00	34.00 -1.64 0.00	35.49 -1.59 0.00	37.09 -1.83 0.00	38.09 -1.88 0.00	41.13 -2.30 0.00	45.62 -2.25 0.00	50.35 -1.99 0.00	53.59 -1.83 0.00	52.98 -2.44 0.00	45.66 -2.05 0.00	38.64 -1.90 0.00	34.42 -1.28 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	28.05 -0.40 0.00	24.94 -0.35 0.00	25.20 -0.44 0.00	24.38 -0.42 0.00	24.24 -0.32 0.00	29.19 -0.38 0.00	35.91 -0.92 0.00	39.66 -1.27 0.00	40.65 -1.43 0.00	38.42 -1.39 0.00	36.33 -1.24 0.00	36.64 -1.29 0.00	34.43 -1.21 0.00	35.93 -1.15 0.00	37.52 -1.40 0.00	38.61 -1.36 0.00	41.82 -1.61 0.00	46.38 -1.48 0.00	51.03 -1.31 0.00	54.25 -1.16 0.00	53.81 -1.61 0.00	46.33 -1.38 0.00	39.16 -1.38 0.00	34.78 -0.93 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	27.68 -0.77 0.00	24.61 -0.68 0.00	24.90 -0.74 0.00	24.06 -0.74 0.00	23.93 -0.64 0.00	28.80 -0.77 0.00	35.29 -1.55 0.00	38.88 -2.05 0.00	39.94 -2.15 0.00	37.78 -2.03 0.00	35.73 -1.84 0.00	36.07 -1.86 0.00	33.93 -1.71 0.00	35.41 -1.67 0.00	36.93 -1.98 0.00	38.01 -1.96 0.00	41.04 -2.39 0.00	45.52 -2.35 0.00	50.20 -2.15 0.00	53.36 -2.05 0.00	52.87 -2.55 0.00	45.52 -2.19 0.00	38.52 -2.03 0.00	34.28 -1.43 0.00
STA_56___34_KV_BUS2 355983	27.68 -0.77 0.00	24.61 -0.68 0.00	24.90 -0.74 0.00	24.06 -0.74 0.00	23.93 -0.64 0.00	28.80 -0.77 0.00	35.29 -1.55 0.00	38.88 -2.05 0.00	39.94 -2.15 0.00	37.78 -2.03 0.00	35.73 -1.84 0.00	36.07 -1.86 0.00	33.93 -1.71 0.00	35.41 -1.67 0.00	36.93 -1.98 0.00	38.01 -1.96 0.00	41.04 -2.39 0.00	45.52 -2.35 0.00	50.20 -2.15 0.00	53.36 -2.05 0.00	52.87 -2.55 0.00	45.52 -2.19 0.00	38.52 -2.03 0.00	34.28 -1.43 0.00
STA_67___115KV_BK2 355882	27.77 -0.68 0.00	24.69 -0.61 0.00	24.95 -0.69 0.00	24.11 -0.69 0.00	23.97 -0.59 0.00	28.86 -0.71 0.00	35.36 -1.47 0.00	38.92 -2.01 0.00	39.94 -2.15 0.00	37.78 -2.03 0.00	35.73 -1.84 0.00	36.07 -1.86 0.00	33.93 -1.71 0.00	35.41 -1.67 0.00	36.90 -2.02 0.00	38.01 -1.96 0.00	41.00 -2.43 0.00	45.47 -2.39 0.00	50.20 -2.15 0.00	53.42 -1.99 0.00	52.87 -2.55 0.00	45.52 -2.19 0.00	38.56 -1.99 0.00	34.35 -1.36 0.00
STA_7___115KV_9TRANS 80674	27.91 -0.54 0.00	24.82 -0.48 0.00	25.10 -0.54 0.00	24.26 -0.55 0.00	24.12 -0.44 0.00	29.04 -0.53 0.00	35.58 -1.25 0.00	39.17 -1.76 0.00	40.23 -1.85 0.00	38.06 -1.75 0.00	36.03 -1.54 0.00	36.37 -1.56 0.00	34.18 -1.46 0.00	35.67 -1.41 0.00	37.21 -1.71 0.00	38.33 -1.64 0.00	41.34 -2.08 0.00	45.90 -1.96 0.00	50.67 -1.67 0.00	53.92 -1.50 0.00	53.31 -2.11 0.00	45.90 -1.81 0.00	38.84 -1.70 0.00	34.57 -1.14 0.00
STA_82___115KV_TB1 80780	27.77 -0.68 0.00	24.69 -0.61 0.00	24.95 -0.69 0.00	24.11 -0.69 0.00	23.97 -0.59 0.00	28.86 -0.71 0.00	35.36 -1.47 0.00	38.92 -2.01 0.00	39.94 -2.15 0.00	37.78 -2.03 0.00	35.73 -1.84 0.00	36.07 -1.86 0.00	33.93 -1.71 0.00	35.41 -1.67 0.00	36.90 -2.02 0.00	38.01 -1.96 0.00	41.04 -2.39 0.00	45.52 -2.35 0.00	50.20 -2.15 0.00	53.42 -1.99 0.00	52.87 -2.55 0.00	45.56 -2.15 0.00	38.56 -1.99 0.00	34.35 -1.36 0.00
STEEL___WIND 323596	27.51 -0.94 0.00	24.46 -0.83 0.00	24.59 -1.05 0.00	23.81 -0.99 0.00	23.73 -0.84 0.00	28.57 -1.01 0.00	34.81 -2.03 0.00	38.19 -2.74 0.00	39.18 -2.90 0.00	37.03 -2.79 0.00	35.01 -2.56 0.00	35.24 -2.69 0.00	33.18 -2.46 0.00	34.71 -2.37 0.00	36.16 -2.76 0.00	37.21 -2.76 0.00	40.13 -3.30 0.00	44.47 -3.40 0.00	49.41 -2.93 0.00	52.70 -2.71 0.00	52.09 -3.32 0.00	44.75 -2.96 0.00	37.83 -2.72 0.00	33.92 -1.78 0.00
STEPHTWN_115KV_BK_2 55603	29.59 1.14 0.00	26.34 1.04 0.00	26.74 1.10 0.00	25.84 1.04 0.00	25.60 1.03 0.00	30.66 1.09 0.00	37.94 1.10 0.00	42.03 1.11 0.00	43.22 1.14 0.00	40.85 1.04 0.00	38.51 0.94 0.00	38.84 0.91 0.00	36.60 0.96 0.00	38.08 1.00 0.00	40.01 1.09 0.00	41.17 1.20 0.00	44.64 1.22 0.00	49.16 1.29 0.00	53.55 1.20 0.00	56.63 1.22 0.00	56.69 1.27 0.00	48.81 1.10 0.00	41.68 1.14 0.00	36.60 0.89 0.00
STEUBEN_REC_LFGE 323667	28.48 0.03 0.00	25.35 0.05 0.00	25.49 -0.15 0.00	24.70 -0.10 0.00	24.61 0.05 0.00	29.69 0.12 0.00	36.57 -0.26 0.00	40.44 -0.49 0.00	41.07 -1.01 0.00	38.66 -1.15 0.00	36.41 -1.16 0.00	36.72 -1.21 0.00	34.50 -1.14 0.00	36.12 -0.96 0.00	37.60 -1.32 0.00	38.85 -1.12 0.00	42.08 -1.35 0.00	46.91 -0.96 0.00	52.03 -0.31 0.00	55.64 0.22 0.00	55.03 -0.39 0.00	47.19 -0.52 0.00	39.77 -0.77 0.00	35.42 -0.29 0.00
STILLWATER___SOLAR 323814	29.87 1.42 0.00	26.56 1.26 0.00	26.97 1.33 0.00	26.07 1.26 0.00	25.82 1.25 0.00	30.96 1.39 0.00	38.67 1.84 0.00	43.06 2.13 0.00	44.27 2.19 0.00	41.65 1.83 0.00	39.22 1.65 0.00	39.64 1.71 0.00	37.35 1.71 0.00	38.82 1.74 0.00	40.71 1.79 0.00	41.89 1.92 0.00	45.64 2.21 0.00	49.97 2.10 0.00	54.59 2.25 0.00	57.85 2.44 0.00	57.91 2.50 0.00	49.86 2.15 0.00	42.45 1.91 0.00	37.24 1.53 0.00
STONY___BROOK 24151	47.79 3.38 -15.95	46.66 3.01 -18.35	46.01 3.08 -17.29	45.42 2.95 -17.66	45.94 2.87 -18.51	46.13 3.25 -13.31	46.81 3.61 -6.36	47.96 4.26 -2.77	48.99 4.34 -2.58	48.96 4.14 -5.00	47.89 3.31 -7.02	49.51 3.37 -8.21	47.20 3.14 -8.42	52.87 3.34 -12.45	56.69 3.58 -14.19	62.12 3.76 -18.39	83.16 4.04 -35.69	203.03 4.07 -151.10	238.81 4.29 -182.17	246.14 4.49 -186.24	251.66 4.66 -191.59	175.58 3.91 -123.96	111.82 3.89 -67.38	45.02 3.60 -5.71
STURGEON_POOL_HYD 23609	30.50 2.05 0.00	27.12 1.82 0.00	27.51 1.87 0.00	26.61 1.81 0.00	26.31 1.74 0.00	31.43 1.86 0.00	38.75 1.92 0.00	43.39 2.46 0.00	44.73 2.65 0.00	42.36 2.55 0.00	40.05 2.48 0.00	40.43 2.50 0.00	37.96 2.32 0.00	39.53 2.45 0.00	41.61 2.69 0.00	42.93 2.96 0.00	46.69 3.26 0.00	51.12 3.25 0.00	55.59 3.25 0.00	58.91 3.49 0.00	59.13 3.71 0.00	50.76 3.05 0.00	43.22 2.68 0.00	37.89 2.18 0.00

ST_LAW_115_BK7_LBMP 345037	27.77 -0.68 0.00	24.67 -0.63 0.00	25.02 -0.62 0.00	24.21 -0.60 0.00	23.93 -0.64 0.00	28.98 -0.59 0.00	36.61 -0.22 0.00	40.85 -0.08 0.00	42.04 -0.04 0.00	39.73 -0.08 0.00	37.46 -0.11 0.00	37.82 -0.11 0.00	35.46 -0.18 0.00	36.86 -0.22 0.00	38.73 -0.19 0.00	39.77 -0.20 0.00	43.26 -0.17 0.00	47.72 -0.14 0.00	52.29 -0.05 0.00	55.25 -0.17 0.00	55.36 -0.06 0.00	47.66 -0.05 0.00	40.62 0.08 0.00	35.64 -0.07 0.00
ST_LAW_115_BK8_LBMP 345038	27.77 -0.68 0.00	24.67 -0.63 0.00	25.02 -0.62 0.00	24.21 -0.60 0.00	23.93 -0.64 0.00	28.98 -0.59 0.00	36.61 -0.22 0.00	40.85 -0.08 0.00	42.04 -0.04 0.00	39.73 -0.08 0.00	37.46 -0.11 0.00	37.82 -0.11 0.00	35.46 -0.18 0.00	36.86 -0.22 0.00	38.73 -0.19 0.00	39.77 -0.20 0.00	43.26 -0.17 0.00	47.72 -0.14 0.00	52.29 -0.05 0.00	55.25 -0.17 0.00	55.36 -0.06 0.00	47.66 -0.05 0.00	40.62 0.08 0.00	35.64 -0.07 0.00
ST_LAW_230_BK5_LBMP 345035	27.85 -0.60 0.00	24.74 -0.56 0.00	25.10 -0.54 0.00	24.28 -0.52 0.00	24.02 -0.54 0.00	29.04 -0.53 0.00	36.65 -0.18 0.00	40.85 -0.08 0.00	42.04 -0.04 0.00	39.77 -0.04 0.00	37.50 -0.07 0.00	37.85 -0.08 0.00	35.50 -0.14 0.00	36.90 -0.18 0.00	38.76 -0.16 0.00	39.81 -0.16 0.00	43.30 -0.13 0.00	47.77 -0.10 0.00	52.34 0.00 0.00	55.30 -0.11 0.00	55.36 -0.06 0.00	47.71 0.00 0.00	40.58 0.04 0.00	35.64 -0.07 0.00
ST_LAW_230_BK6_LBMP 345036	27.85 -0.60 0.00	24.74 -0.56 0.00	25.10 -0.54 0.00	24.28 -0.52 0.00	24.02 -0.54 0.00	29.04 -0.53 0.00	36.65 -0.18 0.00	40.85 -0.08 0.00	42.04 -0.04 0.00	39.77 -0.04 0.00	37.50 -0.07 0.00	37.85 -0.08 0.00	35.50 -0.14 0.00	36.90 -0.18 0.00	38.76 -0.16 0.00	39.81 -0.16 0.00	43.30 -0.13 0.00	47.77 -0.10 0.00	52.34 0.00 0.00	55.30 -0.11 0.00	55.36 -0.06 0.00	47.71 0.00 0.00	40.58 0.04 0.00	35.64 -0.07 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	30.22 1.76 0.00	26.84 1.54 0.00	27.25 1.62 0.00	26.34 1.54 0.00	26.04 1.47 0.00	31.17 1.60 0.00	38.45 1.62 0.00	42.98 2.05 0.00	44.27 2.19 0.00	42.00 2.19 0.00	39.67 2.10 0.00	40.05 2.12 0.00	37.64 2.00 0.00	39.19 2.11 0.00	41.22 2.30 0.00	42.49 2.52 0.00	46.12 2.69 0.00	50.54 2.68 0.00	55.01 2.67 0.00	58.24 2.83 0.00	58.41 2.99 0.00	50.19 2.48 0.00	42.69 2.15 0.00	37.46 1.75 0.00
SWANROAD_115KV_TB1 355699	26.55 -1.91 0.00	23.60 -1.69 0.00	23.74 -1.90 0.00	22.97 -1.84 0.00	22.89 -1.67 0.00	27.50 -2.07 0.00	33.48 -3.35 0.00	36.67 -4.26 0.00	37.58 -4.50 0.00	35.35 -4.46 0.00	33.40 -4.17 0.00	33.76 -4.17 0.00	31.79 -3.85 0.00	33.26 -3.82 0.00	34.48 -4.44 0.00	35.65 -4.32 0.00	38.39 -5.04 0.00	42.55 -5.31 0.00	47.37 -4.97 0.00	50.54 -4.88 0.00	49.87 -5.54 0.00	42.99 -4.72 0.00	36.37 -4.18 0.00	32.78 -2.93 0.00
SYNERGY___BIOGAS 323694	27.83 -0.63 0.00	24.77 -0.53 0.00	25.00 -0.64 0.00	24.16 -0.64 0.00	24.07 -0.49 0.00	28.98 -0.59 0.00	35.36 -1.47 0.00	38.84 -2.09 0.00	39.85 -2.23 0.00	37.54 -2.27 0.00	35.47 -2.10 0.00	35.77 -2.16 0.00	33.61 -2.03 0.00	35.15 -1.93 0.00	36.51 -2.41 0.00	37.73 -2.24 0.00	40.69 -2.74 0.00	45.38 -2.49 0.00	50.40 -1.94 0.00	53.86 -1.55 0.00	53.03 -2.38 0.00	45.71 -2.00 0.00	38.60 -1.95 0.00	34.49 -1.21 0.00
SYRACUSE___ENERGY_ST1 323597	28.48 0.03 0.00	25.32 0.03 0.00	25.59 -0.05 0.00	24.75 -0.05 0.00	24.56 0.00 0.00	29.57 0.00 0.00	36.57 -0.26 0.00	40.52 -0.41 0.00	41.53 -0.55 0.00	39.26 -0.56 0.00	37.12 -0.45 0.00	37.47 -0.46 0.00	35.21 -0.43 0.00	36.67 -0.41 0.00	38.45 -0.47 0.00	39.45 -0.52 0.00	42.86 -0.56 0.00	47.39 -0.48 0.00	51.92 -0.42 0.00	55.08 -0.33 0.00	54.92 -0.50 0.00	47.19 -0.52 0.00	39.98 -0.57 0.00	35.31 -0.39 0.00
SYRACUSE___ENERGY_ST2 323598	28.48 0.03 0.00	25.32 0.03 0.00	25.59 -0.05 0.00	24.75 -0.05 0.00	24.56 0.00 0.00	29.57 0.00 0.00	36.57 -0.26 0.00	40.52 -0.41 0.00	41.53 -0.55 0.00	39.26 -0.56 0.00	37.12 -0.45 0.00	37.47 -0.46 0.00	35.21 -0.43 0.00	36.67 -0.41 0.00	38.45 -0.47 0.00	39.45 -0.52 0.00	42.86 -0.56 0.00	47.39 -0.48 0.00	51.92 -0.42 0.00	55.08 -0.33 0.00	54.92 -0.50 0.00	47.19 -0.52 0.00	39.98 -0.57 0.00	35.31 -0.39 0.00
SYRACUSE___POWER 24017	28.54 0.09 0.00	25.37 0.08 0.00	25.64 0.00 0.00	24.80 0.00 0.00	24.61 0.05 0.00	29.60 0.03 0.00	36.65 -0.18 0.00	40.60 -0.33 0.00	41.66 -0.42 0.00	39.38 -0.44 0.00	37.19 -0.38 0.00	37.55 -0.38 0.00	35.29 -0.36 0.00	36.75 -0.33 0.00	38.53 -0.39 0.00	39.57 -0.40 0.00	42.95 -0.48 0.00	47.48 -0.38 0.00	52.03 -0.31 0.00	55.25 -0.17 0.00	55.08 -0.33 0.00	47.33 -0.38 0.00	40.06 -0.49 0.00	35.39 -0.32 0.00
TALLMAN__138KV_BK151 55660	30.42 1.96 0.00	27.02 1.72 0.00	27.43 1.79 0.00	26.51 1.71 0.00	26.21 1.65 0.00	31.34 1.77 0.00	38.67 1.84 0.00	43.26 2.33 0.00	44.56 2.48 0.00	42.32 2.51 0.00	39.97 2.40 0.00	40.39 2.47 0.00	37.92 2.28 0.00	39.49 2.41 0.00	41.57 2.65 0.00	42.85 2.88 0.00	46.47 3.04 0.00	50.93 3.06 0.00	55.32 2.98 0.00	58.57 3.16 0.00	58.74 3.32 0.00	50.48 2.77 0.00	42.98 2.43 0.00	37.67 1.96 0.00
TEALLAVE_115KV_TB7 355573	28.45 0.00 0.00	25.30 0.00 0.00	25.59 -0.05 0.00	24.75 -0.05 0.00	24.56 0.00 0.00	29.54 -0.03 0.00	36.54 -0.29 0.00	40.48 -0.45 0.00	41.53 -0.55 0.00	39.30 -0.52 0.00	37.12 -0.45 0.00	37.47 -0.46 0.00	35.21 -0.43 0.00	36.71 -0.37 0.00	38.45 -0.47 0.00	39.49 -0.48 0.00	42.86 -0.56 0.00	47.34 -0.53 0.00	51.87 -0.47 0.00	55.08 -0.33 0.00	54.86 -0.55 0.00	47.19 -0.52 0.00	39.93 -0.61 0.00	35.31 -0.39 0.00
TELGRAPH_34_KV_EAST 80808	27.26 -1.20 0.00	24.26 -1.04 0.00	24.43 -1.21 0.00	23.64 -1.17 0.00	23.53 -1.03 0.00	28.33 -1.24 0.00	34.51 -2.32 0.00	37.86 -3.07 0.00	38.80 -3.28 0.00	36.55 -3.26 0.00	34.56 -3.01 0.00	34.89 -3.03 0.00	32.83 -2.82 0.00	34.34 -2.74 0.00	35.61 -3.31 0.00	36.81 -3.16 0.00	39.65 -3.78 0.00	44.08 -3.78 0.00	48.99 -3.35 0.00	52.26 -3.16 0.00	51.54 -3.88 0.00	44.42 -3.29 0.00	37.54 -3.00 0.00	33.71 -2.00 0.00
TEMPLE___115KV_TB 2 55572	28.48 0.03 0.00	25.32 0.03 0.00	25.61 -0.03 0.00	24.78 -0.02 0.00	24.59 0.02 0.00	29.57 0.00 0.00	36.54 -0.29 0.00	40.52 -0.41 0.00	41.58 -0.50 0.00	39.30 -0.52 0.00	37.16 -0.41 0.00	37.51 -0.42 0.00	35.25 -0.39 0.00	36.71 -0.37 0.00	38.49 -0.43 0.00	39.49 -0.48 0.00	42.91 -0.52 0.00	47.39 -0.48 0.00	51.92 -0.42 0.00	55.08 -0.33 0.00	54.92 -0.50 0.00	47.19 -0.52 0.00	39.98 -0.57 0.00	35.31 -0.39 0.00
TIANA____69_KV_BK 1 55817	48.07 3.67 -15.95	46.87 3.21 -18.35	46.24 3.31 -17.29	45.62 3.15 -17.66	46.14 3.07 -18.51	46.40 3.52 -13.31	47.10 3.90 -6.36	48.41 4.71 -2.77	49.52 4.88 -2.56	49.45 4.66 -4.98	48.34 3.79 -6.98	49.96 3.87 -8.16	47.62 3.60 -8.38	53.28 3.82 -12.38	57.27 4.24 -14.10	62.77 4.52 -18.28	83.80 4.91 -35.47	173.37 5.03 -120.48	200.72 5.44 -142.94	206.71 5.71 -145.58	211.11 5.93 -149.76	150.24 4.96 -97.57	99.23 4.82 -53.86	45.65 4.28 -5.66

TILDEN___115KV_TB1 80814	28.54 0.09 0.00	25.37 0.08 0.00	25.64 0.00 0.00	24.80 0.00 0.00	24.61 0.05 0.00	29.60 0.03 0.00	36.65 -0.18 0.00	40.60 -0.33 0.00	41.66 -0.42 0.00	39.38 -0.44 0.00	37.19 -0.38 0.00	37.55 -0.38 0.00	35.29 -0.36 0.00	36.75 -0.33 0.00	38.53 -0.39 0.00	39.57 -0.40 0.00	42.95 -0.48 0.00	47.48 -0.38 0.00	52.03 -0.31 0.00	55.25 -0.17 0.00	55.08 -0.33 0.00	47.33 -0.38 0.00	40.06 -0.49 0.00	35.39 -0.32 0.00
TRIGEN___CC 323695	47.11 2.70 -15.95	46.03 2.38 -18.35	45.42 2.49 -17.29	44.85 2.38 -17.66	45.38 2.31 -18.51	45.42 2.54 -13.31	45.96 2.76 -6.36	47.06 3.36 -2.77	50.09 3.45 -4.56	52.06 3.38 -8.86	52.84 2.86 -12.42	55.37 2.92 -14.52	53.26 2.71 -14.91	61.98 2.86 -22.05	67.36 3.07 -25.37	75.80 3.28 -32.55	109.93 3.52 -62.98	71.04 3.49 -19.68	60.39 3.56 -4.49	59.20 3.77 -0.02	59.36 3.93 -0.02	56.54 3.24 -5.59	53.67 3.20 -9.92	48.41 2.79 -9.92
TRINITY___115KV___4 BK 55933	29.36 0.91 0.00	26.13 0.83 0.00	26.51 0.87 0.00	25.65 0.84 0.00	25.37 0.81 0.00	30.37 0.80 0.00	37.61 0.77 0.00	41.63 0.70 0.00	42.80 0.72 0.00	40.49 0.68 0.00	38.17 0.60 0.00	38.54 0.61 0.00	36.28 0.64 0.00	37.75 0.67 0.00	39.66 0.74 0.00	40.77 0.80 0.00	44.21 0.78 0.00	48.58 0.72 0.00	52.86 0.52 0.00	55.91 0.50 0.00	56.02 0.61 0.00	48.24 0.52 0.00	41.23 0.69 0.00	36.24 0.54 0.00
UNION___PROCESSING_DRP 323587	27.77 -0.68 0.00	24.69 -0.61 0.00	24.95 -0.69 0.00	24.11 -0.69 0.00	24.00 -0.56 0.00	28.86 -0.71 0.00	35.36 -1.47 0.00	38.96 -1.96 0.00	39.98 -2.10 0.00	37.78 -2.03 0.00	35.73 -1.84 0.00	36.07 -1.86 0.00	33.93 -1.71 0.00	35.41 -1.67 0.00	36.90 -2.02 0.00	38.01 -1.96 0.00	41.04 -2.39 0.00	45.52 -2.35 0.00	50.25 -2.09 0.00	53.42 -1.99 0.00	52.92 -2.49 0.00	45.56 -2.15 0.00	38.56 -1.99 0.00	34.39 -1.32 0.00
UPPER HUDSON___HYD 24058	29.87 1.42 0.00	26.54 1.24 0.00	26.97 1.33 0.00	26.07 1.26 0.00	25.82 1.25 0.00	31.02 1.45 0.00	38.82 1.99 0.00	43.34 2.41 0.00	44.56 2.48 0.00	41.80 1.99 0.00	39.34 1.77 0.00	39.75 1.82 0.00	37.46 1.82 0.00	38.93 1.85 0.00	40.86 1.95 0.00	42.09 2.12 0.00	45.90 2.47 0.00	50.40 2.54 0.00	55.11 2.77 0.00	58.46 3.05 0.00	58.52 3.10 0.00	50.29 2.57 0.00	42.73 2.19 0.00	37.42 1.71 0.00
UPPER RAQUET___HYD 24056	27.03 -1.42 0.00	23.96 -1.34 0.00	24.30 -1.33 0.00	23.54 -1.26 0.00	23.26 -1.30 0.00	28.24 -1.33 0.00	35.95 -0.88 0.00	40.11 -0.82 0.00	41.24 -0.84 0.00	38.94 -0.88 0.00	36.74 -0.83 0.00	37.09 -0.83 0.00	34.72 -0.93 0.00	36.00 -1.08 0.00	37.91 -1.01 0.00	38.93 -1.04 0.00	42.43 -1.00 0.00	46.86 -1.01 0.00	51.45 -0.89 0.00	54.47 -0.94 0.00	54.58 -0.83 0.00	46.95 -0.77 0.00	40.14 -0.41 0.00	35.07 -0.64 0.00
VALLEY44_115KV_TB2 355964	27.77 -0.68 0.00	24.72 -0.58 0.00	24.79 -0.85 0.00	24.01 -0.79 0.00	23.93 -0.64 0.00	28.77 -0.80 0.00	35.21 -1.62 0.00	38.84 -2.09 0.00	39.77 -2.31 0.00	37.50 -2.31 0.00	35.43 -2.14 0.00	35.81 -2.12 0.00	33.65 -2.00 0.00	35.23 -1.85 0.00	36.58 -2.34 0.00	37.81 -2.16 0.00	40.87 -2.56 0.00	45.28 -2.58 0.00	50.20 -2.15 0.00	53.64 -1.77 0.00	53.09 -2.33 0.00	45.52 -2.19 0.00	38.39 -2.15 0.00	34.32 -1.39 0.00
VALLEY___115KV_TB 1-4 80826	28.14 -0.31 0.00	25.07 -0.23 0.00	25.43 -0.21 0.00	24.63 -0.17 0.00	24.42 -0.15 0.00	29.42 -0.15 0.00	36.57 -0.26 0.00	40.72 -0.20 0.00	42.00 -0.08 0.00	39.77 -0.04 0.00	37.57 0.00 0.00	38.04 0.11 0.00	35.75 0.11 0.00	37.19 0.11 0.00	39.04 0.12 0.00	40.09 0.12 0.00	43.56 0.13 0.00	48.01 0.14 0.00	52.50 0.16 0.00	55.58 0.17 0.00	55.64 0.22 0.00	47.85 0.14 0.00	40.62 0.08 0.00	35.78 0.07 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	29.96 1.51 0.00	26.66 1.37 0.00	27.00 1.36 0.00	26.12 1.31 0.00	25.89 1.33 0.00	31.14 1.57 0.00	38.53 1.69 0.00	42.85 1.92 0.00	44.14 2.06 0.00	41.73 1.91 0.00	39.41 1.84 0.00	39.86 1.93 0.00	37.35 1.71 0.00	38.86 1.78 0.00	40.79 1.87 0.00	42.01 2.04 0.00	45.60 2.17 0.00	50.31 2.44 0.00	55.01 2.67 0.00	58.35 2.94 0.00	58.41 2.99 0.00	50.24 2.53 0.00	42.49 1.95 0.00	37.35 1.64 0.00
VISCHER___FERRY HYD 24020	29.68 1.22 0.00	26.39 1.09 0.00	26.77 1.13 0.00	25.89 1.09 0.00	25.62 1.06 0.00	30.72 1.15 0.00	38.12 1.29 0.00	42.36 1.43 0.00	43.55 1.47 0.00	41.13 1.31 0.00	38.77 1.20 0.00	39.18 1.25 0.00	36.89 1.25 0.00	38.34 1.26 0.00	40.20 1.28 0.00	41.33 1.36 0.00	44.99 1.56 0.00	49.40 1.53 0.00	53.80 1.46 0.00	56.96 1.55 0.00	57.02 1.61 0.00	49.14 1.43 0.00	41.96 1.42 0.00	36.85 1.14 0.00
V_A_10_SYNC_DSASP 323832	27.26 -1.19 0.00	24.24 -1.06 0.00	24.41 -1.23 0.00	23.61 -1.19 0.00	23.53 -1.03 0.00	28.30 -1.27 0.00	34.47 -2.36 0.00	37.78 -3.15 0.00	38.67 -3.41 0.00	36.67 -3.15 0.00	34.68 -2.89 0.00	34.86 -3.07 0.00	32.86 -2.78 0.00	34.30 -2.78 0.00	35.77 -3.15 0.00	36.77 -3.20 0.00	39.65 -3.78 0.00	43.89 -3.97 0.00	48.63 -3.72 0.00	51.76 -3.66 0.00	51.20 -4.21 0.00	44.08 -3.63 0.00	37.30 -3.24 0.00	33.53 -2.18 0.00
V_CMM_10_SYNC_DSASP 323787	27.91 -0.54 0.00	24.77 -0.53 0.00	25.13 -0.51 0.00	24.33 -0.47 0.00	24.05 -0.52 0.00	29.10 -0.47 0.00	36.76 -0.07 0.00	41.01 0.08 0.00	42.21 0.13 0.00	39.89 0.08 0.00	37.65 0.08 0.00	38.01 0.08 0.00	35.64 0.00 0.00	37.01 -0.07 0.00	38.92 0.00 0.00	39.93 -0.04 0.00	43.47 0.04 0.00	48.01 0.14 0.00	52.55 0.21 0.00	55.58 0.17 0.00	55.64 0.22 0.00	47.90 0.19 0.00	40.83 0.29 0.00	35.78 0.07 0.00
V_CMP_10_SYNC_DSASP 323788	28.26 -0.20 0.00	25.05 -0.25 0.00	25.43 -0.21 0.00	24.63 -0.17 0.00	24.32 -0.25 0.00	29.45 -0.12 0.00	37.20 0.37 0.00	41.54 0.61 0.00	42.80 0.71 0.00	40.45 0.64 0.00	38.17 0.60 0.00	38.53 0.60 0.00	36.14 0.50 0.00	37.53 0.45 0.00	39.46 0.54 0.00	40.49 0.52 0.00	44.08 0.65 0.00	48.82 0.96 0.00	53.55 1.20 0.00	56.63 1.22 0.00	56.58 1.17 0.00	48.61 0.90 0.00	41.35 0.81 0.00	36.24 0.54 0.00
V_D_10_SYNC_DSASP 323841	27.91 -0.54 0.00	24.77 -0.53 0.00	25.10 -0.54 0.00	24.31 -0.50 0.00	24.00 -0.56 0.00	29.10 -0.47 0.00	36.87 0.04 0.00	41.13 0.21 0.00	42.34 0.25 0.00	40.01 0.20 0.00	37.76 0.19 0.00	38.12 0.19 0.00	35.71 0.07 0.00	37.12 0.04 0.00	39.00 0.08 0.00	40.01 0.04 0.00	43.60 0.17 0.00	48.06 0.19 0.00	52.66 0.32 0.00	55.69 0.28 0.00	55.75 0.33 0.00	48.00 0.29 0.00	41.03 0.49 0.00	35.96 0.25 0.00
V_E_10_SYNC_DSASP 323830	30.36 1.91 0.00	27.07 1.77 0.00	27.33 1.69 0.00	26.46 1.66 0.00	26.33 1.77 0.00	31.85 2.28 0.00	39.52 2.69 0.00	43.67 2.74 0.00	44.69 2.61 0.00	41.92 2.11 0.00	39.56 1.99 0.00	40.01 2.08 0.00	37.42 1.78 0.00	38.90 1.82 0.00	40.86 1.95 0.00	42.13 2.16 0.00	45.99 2.56 0.00	51.31 3.45 0.00	56.84 4.50 0.00	60.68 5.27 0.00	60.57 5.15 0.00	51.81 4.10 0.00	43.34 2.80 0.00	38.03 2.32 0.00

V_F_30_NSYNC___DSASP 323816	29.93 1.48 0.00	26.61 1.31 0.00	27.00 1.36 0.00	26.12 1.31 0.00	25.84 1.28 0.00	31.02 1.45 0.00	38.75 1.91 0.00	43.14 2.21 0.00	44.39 2.31 0.00	41.76 1.95 0.00	39.34 1.77 0.00	39.75 1.82 0.00	37.46 1.82 0.00	38.93 1.85 0.00	40.86 1.95 0.00	42.01 2.04 0.00	45.82 2.39 0.00	50.11 2.25 0.00	54.70 2.36 0.00	57.96 2.55 0.00	58.02 2.61 0.00	49.95 2.24 0.00	42.53 1.99 0.00	37.32 1.61 0.00
V_F_30_SYNC_DSASP 323786	29.45 1.00 0.00	26.21 0.91 0.00	26.59 0.95 0.00	25.72 0.92 0.00	25.45 0.88 0.00	30.46 0.89 0.00	37.72 0.88 0.00	41.75 0.82 0.00	42.88 0.80 0.00	40.53 0.72 0.00	38.25 0.68 0.00	38.61 0.68 0.00	36.39 0.75 0.00	37.86 0.78 0.00	39.78 0.86 0.00	40.93 0.96 0.00	44.38 0.96 0.00	48.77 0.91 0.00	53.13 0.79 0.00	56.19 0.78 0.00	56.25 0.83 0.00	48.43 0.72 0.00	41.39 0.85 0.00	36.35 0.64 0.00
V_XM_10_SYNC_DSASP 323789	28.26 -0.20 0.00	25.05 -0.25 0.00	25.43 -0.21 0.00	24.63 -0.17 0.00	24.32 -0.25 0.00	29.45 -0.12 0.00	37.20 0.37 0.00	41.54 0.61 0.00	42.80 0.71 0.00	40.45 0.64 0.00	38.17 0.60 0.00	38.53 0.60 0.00	36.14 0.50 0.00	37.53 0.45 0.00	39.46 0.54 0.00	40.49 0.52 0.00	44.08 0.65 0.00	48.82 0.96 0.00	53.55 1.20 0.00	56.63 1.22 0.00	56.58 1.17 0.00	48.61 0.90 0.00	41.35 0.81 0.00	36.24 0.54 0.00
W.BABYLN_69_KV_BK1 56697	47.76 3.36 -15.95	46.61 2.96 -18.35	45.98 3.05 -17.29	45.37 2.90 -17.66	45.90 2.82 -18.51	46.10 3.22 -13.31	46.77 3.57 -6.36	47.96 4.26 -2.77	49.33 4.33 -2.91	49.65 4.18 -5.66	48.85 3.34 -7.93	50.54 3.34 -9.28	48.27 3.10 -9.52	54.42 3.26 -14.08	58.55 3.54 -16.09	64.52 3.76 -20.79	87.63 3.95 -40.24	78.19 3.92 -26.40	77.03 4.08 -20.61	78.14 4.32 -18.40	78.83 4.49 -18.93	66.98 3.77 -15.50	56.91 3.93 -12.44	45.59 3.54 -6.35
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	30.47 2.02 0.00	27.07 1.77 0.00	27.49 1.85 0.00	26.59 1.79 0.00	26.26 1.69 0.00	31.40 1.83 0.00	38.75 1.92 0.00	43.39 2.46 0.00	44.69 2.61 0.00	42.40 2.59 0.00	40.09 2.52 0.00	40.47 2.54 0.00	38.03 2.39 0.00	39.60 2.52 0.00	41.68 2.76 0.00	42.93 2.96 0.00	46.60 3.17 0.00	51.07 3.21 0.00	55.48 3.14 0.00	58.74 3.32 0.00	58.91 3.49 0.00	50.62 2.91 0.00	43.10 2.55 0.00	37.78 2.07 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	30.84 2.39 0.00	27.37 2.07 0.00	27.84 2.20 0.00	26.91 2.11 0.00	26.55 1.99 0.00	31.79 2.22 0.00	39.15 2.32 0.00	43.84 2.91 0.00	45.15 3.07 0.00	42.88 3.07 0.00	40.58 3.01 0.00	41.00 3.07 0.00	38.49 2.85 0.00	40.12 3.04 0.00	42.23 3.31 0.00	43.49 3.52 0.00	47.16 3.73 0.00	51.65 3.78 0.00	56.01 3.66 0.00	59.24 3.82 0.00	59.40 3.99 0.00	51.00 3.29 0.00	43.42 2.88 0.00	38.14 2.43 0.00
W50THST__13_KV_LOAD 356117	31.01 2.56 0.00	27.52 2.23 0.00	28.00 2.36 0.00	27.06 2.26 0.00	26.70 2.14 0.00	31.97 2.40 0.00	39.41 2.58 0.00	44.12 3.19 0.00	45.41 3.32 0.00	43.16 3.34 0.00	40.84 3.27 0.00	41.27 3.34 0.00	38.74 3.10 0.00	40.38 3.30 0.00	42.50 3.58 0.00	43.77 3.80 0.00	47.47 4.04 0.00	52.03 4.16 0.00	56.48 4.13 0.00	59.68 4.27 0.00	59.79 4.38 0.00	51.34 3.63 0.00	43.62 3.08 0.00	38.31 2.61 0.00
WADING RIVER_IC_1 23522	48.05 3.64 -15.95	46.84 3.19 -18.35	46.22 3.28 -17.29	45.62 3.15 -17.66	46.12 3.05 -18.51	46.33 3.46 -13.31	47.10 3.90 -6.36	48.32 4.62 -2.77	49.39 4.75 -2.56	49.32 4.54 -4.97	48.23 3.68 -6.97	49.84 3.76 -8.15	47.51 3.49 -8.37	53.20 3.74 -12.37	57.07 4.05 -14.10	62.61 4.36 -18.28	83.57 4.69 -35.45	172.99 4.83 -120.29	200.23 5.18 -142.71	206.19 5.43 -145.34	210.59 5.66 -149.52	149.85 4.72 -97.41	98.90 4.58 -53.78	45.47 4.10 -5.65
WADING RIVER_IC_2 23547	48.05 3.64 -15.95	46.84 3.19 -18.35	46.22 3.28 -17.29	45.62 3.15 -17.66	46.12 3.05 -18.51	46.33 3.46 -13.31	47.10 3.90 -6.36	48.32 4.62 -2.77	49.39 4.75 -2.56	49.32 4.54 -4.97	48.23 3.68 -6.97	49.84 3.76 -8.15	47.51 3.49 -8.37	53.20 3.74 -12.37	57.07 4.05 -14.10	62.61 4.36 -18.28	83.57 4.69 -35.45	172.99 4.83 -120.29	200.23 5.18 -142.71	206.19 5.43 -145.34	210.59 5.66 -149.52	149.85 4.72 -97.41	98.90 4.58 -53.78	45.47 4.10 -5.65
WADING RIVER_IC_3 23601	48.05 3.64 -15.95	46.84 3.19 -18.35	46.22 3.28 -17.29	45.62 3.15 -17.66	46.12 3.05 -18.51	46.33 3.46 -13.31	47.10 3.90 -6.36	48.32 4.62 -2.77	49.39 4.75 -2.56	49.32 4.54 -4.97	48.23 3.68 -6.97	49.84 3.76 -8.15	47.51 3.49 -8.37	53.20 3.74 -12.37	57.07 4.05 -14.10	62.61 4.36 -18.28	83.57 4.69 -35.45	172.99 4.83 -120.29	200.23 5.18 -142.71	206.19 5.43 -145.34	210.59 5.66 -149.52	149.85 4.72 -97.41	98.90 4.58 -53.78	45.47 4.10 -5.65
WALDENNY_12_KV_BK2 80841	27.49 -0.97 0.00	24.44 -0.86 0.00	24.56 -1.08 0.00	23.76 -1.04 0.00	23.68 -0.88 0.00	28.48 -1.09 0.00	34.70 -2.14 0.00	38.15 -2.78 0.00	39.14 -2.95 0.00	36.87 -2.95 0.00	34.86 -2.71 0.00	35.24 -2.69 0.00	33.15 -2.49 0.00	34.71 -2.37 0.00	35.96 -2.96 0.00	37.21 -2.76 0.00	40.08 -3.34 0.00	44.42 -3.45 0.00	49.36 -2.98 0.00	52.64 -2.77 0.00	52.03 -3.38 0.00	44.70 -3.01 0.00	37.79 -2.76 0.00	33.89 -1.82 0.00
WALDEN__HYDRO 24148	30.36 1.91 0.00	26.97 1.67 0.00	27.36 1.72 0.00	26.46 1.66 0.00	26.16 1.60 0.00	31.29 1.72 0.00	38.64 1.80 0.00	43.18 2.25 0.00	44.48 2.40 0.00	42.16 2.35 0.00	39.82 2.25 0.00	40.20 2.28 0.00	37.74 2.10 0.00	39.31 2.22 0.00	41.37 2.45 0.00	42.65 2.68 0.00	46.34 2.91 0.00	50.78 2.92 0.00	55.27 2.93 0.00	58.57 3.16 0.00	58.74 3.32 0.00	50.48 2.77 0.00	42.93 2.39 0.00	37.67 1.96 0.00
WARRENSBURG____ 23737	29.88 1.42 0.00	26.54 1.24 0.00	26.97 1.33 0.00	26.07 1.26 0.00	25.82 1.25 0.00	31.02 1.45 0.00	38.82 1.99 0.00	43.34 2.41 0.00	44.56 2.48 0.00	41.80 1.99 0.00	39.34 1.77 0.00	39.75 1.82 0.00	37.46 1.82 0.00	38.93 1.85 0.00	40.90 1.98 0.00	42.09 2.12 0.00	45.90 2.48 0.00	50.40 2.54 0.00	55.12 2.77 0.00	58.46 3.05 0.00	58.52 3.10 0.00	50.33 2.62 0.00	42.73 2.19 0.00	37.42 1.71 0.00
WATERSIDE____6 8 9 23538	30.87 2.42 0.00	27.42 2.13 0.00	27.89 2.26 0.00	26.97 2.16 -0.01	26.63 2.06 0.00	31.73 2.16 0.00	39.00 2.17 0.00	43.75 2.82 0.01	44.56 3.07 0.59	41.71 3.11 1.21	38.90 3.04 1.71	39.43 3.11 1.61	36.42 2.92 2.15	38.36 3.08 1.80	40.52 3.35 1.74	41.80 3.56 1.72	46.34 3.82 0.91	51.50 3.64 0.00	55.90 3.56 0.00	59.07 3.66 0.00	59.24 3.82 0.00	50.85 3.15 0.00	42.13 2.88 1.29	38.06 2.36 0.01
WATKINRD_115KV_LN8_ILLION 55919	28.34 -0.11 0.00	25.22 -0.08 0.00	25.56 -0.08 0.00	24.75 -0.05 0.00	24.54 -0.02 0.00	29.54 -0.03 0.00	36.72 -0.11 0.00	40.85 -0.08 0.00	42.04 -0.04 0.00	39.81 0.00 0.00	37.61 0.04 0.00	38.00 0.08 0.00	35.71 0.07 0.00	37.15 0.07 0.00	39.00 0.08 0.00	40.09 0.12 0.00	43.56 0.13 0.00	48.01 0.14 0.00	52.45 0.10 0.00	55.58 0.17 0.00	55.58 0.17 0.00	47.85 0.14 0.00	40.62 0.08 0.00	35.78 0.07 0.00

WDELAWARE___HYD 323627	30.59 2.14 0.00	27.20 1.90 0.00	27.54 1.90 0.00	26.69 1.88 0.00	26.38 1.82 0.00	31.55 1.98 0.00	39.00 2.17 0.00	43.63 2.70 0.00	44.94 2.86 0.00	42.40 2.59 0.00	40.05 2.48 0.00	40.43 2.50 0.00	37.93 2.28 0.00	39.49 2.41 0.00	41.53 2.61 0.00	42.93 2.96 0.00	46.73 3.30 0.00	51.31 3.45 0.00	55.95 3.61 0.00	59.41 3.99 0.00	59.62 4.21 0.00	51.19 3.48 0.00	43.46 2.92 0.00	38.14 2.43 0.00
WEST BABYLON___IC 23714	47.76 3.36 -15.95	46.61 2.96 -18.35	45.98 3.05 -17.29	45.37 2.90 -17.66	45.90 2.82 -18.51	46.10 3.22 -13.31	46.77 3.57 -6.36	47.96 4.26 -2.77	49.33 4.33 -2.91	49.65 4.18 -5.66	48.85 3.34 -7.93	50.54 3.34 -9.28	48.27 3.10 -9.52	54.42 3.26 -14.08	58.55 3.54 -16.09	64.52 3.76 -20.79	87.63 3.95 -40.24	78.19 3.92 -26.40	77.03 4.08 -20.61	78.14 4.32 -18.40	78.83 4.49 -18.93	66.98 3.77 -15.50	56.91 3.93 -12.44	45.59 3.54 -6.35
WEST CANADA___HYD 24049	28.57 0.11 0.00	25.40 0.10 0.00	25.77 0.13 0.00	24.93 0.12 0.00	24.69 0.12 0.00	29.69 0.12 0.00	36.87 0.04 0.00	40.93 0.00 0.00	42.08 0.00 0.00	39.81 0.00 0.00	37.61 0.04 0.00	37.97 0.04 0.00	35.68 0.04 0.00	37.12 0.04 0.00	38.96 0.04 0.00	40.01 0.04 0.00	43.47 0.04 0.00	47.91 0.05 0.00	52.34 0.00 0.00	55.47 0.06 0.00	55.47 0.06 0.00	47.76 0.05 0.00	40.54 0.00 0.00	35.74 0.04 0.00
WESTERN_NY_WIND 24143	27.80 -0.65 0.00	24.74 -0.56 0.00	24.97 -0.67 0.00	24.13 -0.67 0.00	24.02 -0.54 0.00	28.95 -0.62 0.00	35.32 -1.51 0.00	38.80 -2.13 0.00	39.81 -2.27 0.00	37.47 -2.35 0.00	35.39 -2.18 0.00	35.73 -2.20 0.00	33.57 -2.07 0.00	35.11 -1.97 0.00	36.47 -2.45 0.00	37.65 -2.32 0.00	40.65 -2.78 0.00	45.28 -2.58 0.00	50.35 -1.99 0.00	53.75 -1.66 0.00	52.98 -2.44 0.00	45.66 -2.05 0.00	38.56 -1.99 0.00	34.46 -1.25 0.00
WESTOVER___LESR 323668	28.79 0.34 0.00	25.60 0.30 0.00	25.84 0.21 0.00	25.00 0.20 0.00	24.83 0.27 0.00	29.84 0.27 0.00	36.87 0.04 0.00	40.89 -0.04 0.00	41.87 -0.21 0.00	39.58 -0.24 0.00	37.38 -0.19 0.00	37.74 -0.19 0.00	35.46 -0.18 0.00	36.97 -0.11 0.00	38.69 -0.23 0.00	39.85 -0.12 0.00	43.25 -0.17 0.00	47.82 -0.05 0.00	52.50 0.16 0.00	55.80 0.39 0.00	55.58 0.17 0.00	47.76 0.05 0.00	40.42 -0.12 0.00	35.74 0.04 0.00
WETHRSFD_WT_PWR 323626	27.66 -0.80 0.00	24.62 -0.68 0.00	24.72 -0.92 0.00	23.93 -0.87 0.00	23.85 -0.71 0.00	28.71 -0.86 0.00	35.14 -1.69 0.00	38.68 -2.25 0.00	39.43 -2.65 0.00	37.31 -2.51 0.00	35.20 -2.37 0.00	35.42 -2.50 0.00	33.36 -2.28 0.00	34.89 -2.19 0.00	36.39 -2.53 0.00	37.45 -2.52 0.00	40.47 -2.95 0.00	44.90 -2.97 0.00	49.83 -2.51 0.00	53.25 -2.16 0.00	52.76 -2.66 0.00	45.28 -2.43 0.00	38.27 -2.27 0.00	34.17 -1.53 0.00
WHAVSTOR_138KV_BK127 55557	30.39 1.93 0.00	27.02 1.72 0.00	27.41 1.77 0.00	26.51 1.71 0.00	26.21 1.65 0.00	31.34 1.77 0.00	38.67 1.84 0.00	43.22 2.29 0.00	44.52 2.44 0.00	42.28 2.47 0.00	39.97 2.40 0.00	40.36 2.43 0.00	37.92 2.28 0.00	39.49 2.41 0.00	41.53 2.61 0.00	42.81 2.84 0.00	46.47 3.04 0.00	50.88 3.02 0.00	55.32 2.98 0.00	58.52 3.10 0.00	58.68 3.27 0.00	50.43 2.72 0.00	42.93 2.39 0.00	37.67 1.96 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	30.39 1.93 0.00	27.02 1.72 0.00	27.41 1.77 0.00	26.51 1.71 0.00	26.21 1.65 0.00	31.34 1.77 0.00	38.67 1.84 0.00	43.22 2.29 0.00	44.52 2.44 0.00	42.28 2.47 0.00	39.97 2.40 0.00	40.36 2.43 0.00	37.92 2.28 0.00	39.49 2.41 0.00	41.53 2.61 0.00	42.81 2.84 0.00	46.47 3.04 0.00	50.88 3.02 0.00	55.32 2.98 0.00	58.52 3.10 0.00	58.68 3.27 0.00	50.43 2.72 0.00	42.93 2.39 0.00	37.67 1.96 0.00
WHITEHAL_115KV_TB1 80871	30.22 1.76 0.00	26.84 1.54 0.00	27.25 1.62 0.00	26.37 1.56 0.00	26.11 1.55 0.00	31.40 1.83 0.00	39.34 2.50 0.00	43.92 2.99 0.00	45.11 3.03 0.00	42.16 2.35 0.00	39.64 2.07 0.00	40.02 2.09 0.00	37.74 2.10 0.00	39.23 2.15 0.00	41.18 2.26 0.00	42.41 2.44 0.00	46.38 2.95 0.00	51.07 3.21 0.00	56.06 3.72 0.00	59.57 4.16 0.00	59.63 4.21 0.00	51.19 3.48 0.00	43.42 2.88 0.00	37.96 2.25 0.00
WHITEPLN_13_KV_LOAD 356215	30.79 2.33 0.00	27.35 2.05 0.00	27.79 2.15 0.00	26.84 2.03 0.00	26.50 1.94 0.00	31.70 2.13 0.00	39.15 2.32 0.00	43.84 2.91 0.00	45.20 3.11 0.00	43.00 3.19 0.00	40.65 3.08 0.00	41.04 3.11 0.00	38.56 2.92 0.00	40.16 3.08 0.00	42.27 3.35 0.00	43.57 3.60 0.00	47.21 3.78 0.00	51.74 3.88 0.00	56.27 3.93 0.00	59.46 4.05 0.00	59.57 4.16 0.00	51.15 3.44 0.00	43.54 3.00 0.00	38.14 2.43 0.00
WM_FLOYD_69_KV_BK2 356380	48.02 3.61 -15.95	46.79 3.14 -18.35	46.16 3.23 -17.29	45.57 3.10 -17.66	46.09 3.02 -18.51	46.34 3.46 -13.31	46.99 3.79 -6.36	48.24 4.54 -2.77	49.32 4.67 -2.57	49.26 4.46 -4.99	48.17 3.61 -6.99	49.75 3.64 -8.18	47.42 3.39 -8.39	53.08 3.60 -12.41	57.03 3.97 -14.14	62.49 4.20 -18.32	83.49 4.52 -35.55	174.71 4.64 -122.20	202.38 4.92 -145.12	208.41 5.15 -147.84	212.82 5.32 -152.09	151.24 4.48 -99.04	99.59 4.42 -54.62	45.31 3.93 -5.67
WOODARD___115KV_TB2 355635	28.40 -0.06 0.00	25.27 -0.03 0.00	25.54 -0.10 0.00	24.70 -0.10 0.00	24.51 -0.05 0.00	29.48 -0.09 0.00	36.46 -0.37 0.00	40.44 -0.49 0.00	41.49 -0.59 0.00	39.22 -0.60 0.00	37.08 -0.49 0.00	37.40 -0.53 0.00	35.18 -0.46 0.00	36.64 -0.44 0.00	38.41 -0.51 0.00	39.41 -0.56 0.00	42.78 -0.65 0.00	47.29 -0.57 0.00	51.77 -0.58 0.00	54.97 -0.44 0.00	54.80 -0.61 0.00	47.09 -0.62 0.00	39.89 -0.65 0.00	35.24 -0.46 0.00
WOODMERE_69_KV_BK1 55827	47.48 3.07 -15.95	46.33 2.68 -18.35	45.70 2.77 -17.29	45.12 2.65 -17.66	45.63 2.55 -18.51	45.74 2.87 -13.31	46.36 3.17 -6.36	47.55 3.85 -2.77	50.20 3.96 -4.17	51.77 3.86 -8.10	52.30 3.38 -11.35	54.62 3.41 -13.28	52.48 3.21 -13.63	60.58 3.34 -20.16	65.92 3.62 -23.38	73.61 3.88 -29.76	105.18 4.17 -57.59	70.07 4.21 -18.00	60.79 4.34 -4.10	60.03 4.60 -0.01	60.19 4.77 -0.01	56.73 3.91 -5.11	53.38 3.77 -9.07	48.03 3.25 -9.07
YORK___WARBASSE 23770	31.01 2.53 -0.02	27.60 2.28 -0.02	28.05 2.38 -0.02	27.12 2.31 -0.01	26.78 2.21 -0.01	31.93 2.34 -0.02	39.18 2.32 -0.02	43.85 2.87 -0.06	49.33 3.11 -4.14	51.45 3.19 -8.45	52.66 3.12 -11.97	52.38 3.19 -11.26	53.69 2.99 -15.05	52.84 3.15 -12.61	54.60 3.46 -12.22	55.77 3.72 -12.08	53.75 3.95 -6.37	51.68 3.78 -0.03	56.06 3.72 0.00	59.24 3.82 0.00	59.40 3.99 0.00	50.99 3.24 -0.03	52.53 2.96 -9.03	38.12 2.36 -0.06