

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

07/11/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	28.64	26.23	24.24	22.37	21.30	22.76	26.18	27.23	31.57	32.30	34.41	35.88	36.44	38.14	44.05	49.90	60.91	68.37	62.69	54.84	42.81	37.52	35.94	31.93
24138	2.07	1.74	1.71	1.58	1.39	1.51	1.60	1.95	2.36	2.67	2.99	3.08	2.95	2.89	3.45	4.12	5.18	6.55	4.91	3.97	2.76	2.55	2.42	2.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	28.72	26.36	24.27	22.41	21.32	22.80	26.23	27.20	31.57	32.30	34.37	35.85	36.47	38.21	44.05	49.94	60.96	67.76	62.76	54.84	43.01	37.59	36.10	31.99
24260	2.15	1.86	1.74	1.62	1.41	1.55	1.65	1.92	2.37	2.67	2.95	3.05	2.98	2.96	3.45	4.17	5.24	5.94	4.97	3.97	2.96	2.62	2.58	2.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	28.72	26.36	24.27	22.41	21.32	22.80	26.23	27.20	31.57	32.30	34.37	35.85	36.47	38.21	44.05	49.94	60.96	67.76	62.76	54.84	43.01	37.59	36.10	31.99
24261	2.15	1.86	1.74	1.62	1.41	1.55	1.65	1.92	2.37	2.67	2.95	3.05	2.98	2.96	3.45	4.17	5.24	5.94	4.97	3.97	2.96	2.62	2.58	2.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	29.45	26.06	24.02	22.12	21.18	22.67	27.22	26.85	31.16	31.70	33.67	35.13	38.02	39.32	48.29	56.96	59.87	66.77	62.58	55.25	43.97	38.19	36.27	31.90
24011	1.73	1.57	1.49	1.33	1.27	1.42	1.65	1.57	1.96	2.07	2.23	2.33	2.08	2.36	2.84	3.39	4.12	4.95	4.80	4.37	3.92	3.22	2.75	2.14
	-1.16	0.00	0.00	0.00	0.00	0.00	-0.99	0.00	0.00	0.00	-0.02	0.00	-2.45	-1.71	-4.84	-7.79	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	29.55	26.21	24.18	22.25	21.32	22.80	27.30	27.05	31.42	31.94	33.96	35.43	38.15	39.55	48.44	56.92	60.43	67.82	63.28	55.91	44.46	38.61	36.60	32.17
23798	1.89	1.71	1.64	1.45	1.41	1.55	1.77	1.77	2.22	2.31	2.51	2.63	2.34	2.68	3.25	3.75	4.68	6.00	5.49	5.04	4.41	3.64	3.08	2.41
	-1.10	0.00	0.00	0.00	0.00	0.00	-0.94	0.00	0.00	0.00	-0.02	0.00	-2.32	-1.62	-4.59	-7.39	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	29.45	26.06	24.02	22.12	21.18	22.67	27.22	26.85	31.16	31.70	33.67	35.13	38.02	39.32	48.29	56.96	59.87	66.77	62.58	55.25	43.97	38.19	36.27	31.90
24028	1.73	1.57	1.49	1.33	1.27	1.42	1.65	1.57	1.96	2.07	2.23	2.33	2.08	2.36	2.84	3.39	4.12	4.95	4.80	4.37	3.92	3.22	2.75	2.14
	-1.16	0.00	0.00	0.00	0.00	0.00	-0.99	0.00	0.00	0.00	-0.02	0.00	-2.45	-1.71	-4.84	-7.79	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	30.13	25.82	23.86	22.06	21.06	22.52	27.83	26.52	30.69	31.26	33.32	34.67	39.91	40.28	51.93	63.24	58.72	65.78	60.90	53.51	42.09	36.79	35.20	31.16
23527	1.35	1.32	1.33	1.27	1.15	1.27	1.35	1.24	1.49	1.63	1.85	1.87	1.74	1.76	2.07	2.56	2.95	3.96	3.12	2.64	2.04	1.82	1.68	1.40
	-2.21	0.00	0.00	0.00	0.00	0.00	-1.89	0.00	0.00	0.00	-0.05	0.00	-4.68	-3.27	-9.26	-14.90	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	25.71	24.96	23.05	21.29	20.40	21.74	23.89	25.66	29.67	30.25	32.15	33.56	31.19	33.77	35.70	37.65	56.87	63.37	58.94	51.89	40.93	35.70	34.23	30.30
24190	0.50	0.47	0.52	0.50	0.50	0.49	0.47	0.38	0.47	0.62	0.75	0.75	0.57	0.53	0.77	1.01	1.17	1.55	1.16	1.02	0.88	0.73	0.70	0.54
	1.36	0.00	0.00	0.00	0.00	0.00	1.16	0.00	0.00	0.00	0.03	0.00	2.87	2.01	5.68	9.13	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	26.38	24.32	22.35	20.60	19.75	21.06	24.39	25.05	28.74	29.13	30.73	32.08	32.82	34.58	39.83	44.82	54.67	60.40	56.75	49.85	39.25	34.17	32.82	29.25
355683	-0.19	-0.17	-0.18	-0.19	-0.16	-0.19	-0.20	-0.23	-0.47	-0.50	-0.69	-0.72	-0.67	-0.67	-0.77	-0.96	-1.06	-1.42	-1.04	-1.02	-0.80	-0.80	-0.70	-0.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	25.71	24.96	23.05	21.29	20.40	21.74	23.89	25.66	29.67	30.25	32.15	33.56	31.19	33.77	35.70	37.65	56.87	63.37	58.94	51.89	40.93	35.70	34.23	30.30
23571	0.50	0.47	0.52	0.50	0.50	0.49	0.47	0.38	0.47	0.62	0.75	0.75	0.57	0.53	0.77	1.01	1.17	1.55	1.16	1.02	0.88	0.73	0.70	0.54
	1.36	0.00	0.00	0.00	0.00	0.00	1.16	0.00	0.00	0.00	0.03	0.00	2.87	2.01	5.68	9.13	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___2	25.71	24.96	23.05	21.29	20.40	21.74	23.89	25.66	29.67	30.25	32.15	33.56	31.19	33.77	35.70	37.65	56.87	63.37	58.94	51.89	40.93	35.70	34.23	30.30
23572	0.50	0.47	0.52	0.50	0.50	0.49	0.47	0.38	0.47	0.62	0.75	0.75	0.57	0.53	0.77	1.01	1.17	1.55	1.16	1.02	0.88	0.73	0.70	0.54
	1.36	0.00	0.00	0.00	0.00	0.00	1.16	0.00	0.00	0.00	0.03	0.00	2.87	2.01	5.68	9.13	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___3	25.71	24.96	23.05	21.29	20.40	21.74	23.89	25.66	29.67	30.25	32.15	33.56	31.19	33.77	35.70	37.65	56.87	63.37	58.94	51.89	40.93	35.70	34.23	30.30
23573	0.50	0.47	0.52	0.50	0.50	0.49	0.47	0.38	0.47	0.62	0.75	0.75	0.57	0.53	0.77	1.01	1.17	1.55	1.16	1.02	0.88	0.73	0.70	0.54
	1.36	0.00	0.00	0.00	0.00	0.00	1.16	0.00	0.00	0.00	0.03	0.00	2.87	2.01	5.68	9.13	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___4 23574	25.71 0.50 1.36	24.96 0.47 0.00	23.05 0.52 0.00	21.29 0.50 0.00	20.40 0.50 0.00	21.74 0.49 0.00	23.89 0.47 1.16	25.66 0.38 0.00	29.67 0.47 0.00	30.25 0.62 0.00	32.15 0.75 0.03	33.56 0.75 0.00	31.19 0.57 2.87	33.77 0.53 2.01	35.70 0.77 5.68	37.65 1.01 9.13	56.87 1.17 0.03	63.37 1.55 0.00	58.94 1.16 0.00	51.89 1.02 0.00	40.93 0.88 0.00	35.70 0.73 0.00	34.23 0.70 0.00	30.30 0.54 0.00
ALBANY___LFGE 323615	26.03 0.74 1.28	25.20 0.71 0.00	23.30 0.77 0.00	21.50 0.71 0.00	20.60 0.70 0.00	21.97 0.72 0.00	24.15 0.66 1.10	25.93 0.66 0.00	30.02 0.82 0.00	30.58 0.95 0.00	32.52 1.13 0.03	33.95 1.15 0.00	31.79 1.00 2.71	34.41 1.06 1.89	36.55 1.30 5.35	38.77 1.60 8.61	57.59 1.90 0.03	64.61 2.78 0.00	59.81 2.02 0.00	52.65 1.78 0.00	41.45 1.40 0.00	36.16 1.19 0.00	34.63 1.10 0.00	30.62 0.86 0.00
ALCOA_PA_115KV_PL-6C 55860	26.65 0.08 0.00	24.57 0.07 0.00	22.56 0.02 0.00	20.79 0.00 0.00	19.95 0.04 0.00	21.25 0.00 0.00	24.64 0.05 0.00	25.28 0.00 0.00	28.86 -0.35 0.00	29.21 -0.41 0.00	30.82 -0.60 0.00	32.18 -0.62 0.00	32.95 -0.54 0.00	34.72 -0.53 0.00	39.95 -0.65 0.00	44.91 -0.87 0.00	54.83 -0.89 0.00	60.59 -1.24 0.00	56.98 -0.81 0.00	50.06 -0.81 0.00	39.37 -0.68 0.00	34.27 -0.70 0.00	33.02 -0.50 0.00	29.40 -0.36 0.00
ALCOA_RYNLDS___DRP 24188	26.65 0.08 0.00	24.57 0.07 0.00	22.56 0.02 0.00	20.79 0.00 0.00	19.95 0.04 0.00	21.25 0.00 0.00	24.64 0.05 0.00	25.28 0.00 0.00	28.86 -0.35 0.00	29.21 -0.41 0.00	30.82 -0.60 0.00	32.18 -0.62 0.00	32.95 -0.54 0.00	34.72 -0.53 0.00	39.95 -0.65 0.00	44.91 -0.87 0.00	54.83 -0.89 0.00	60.59 -1.24 0.00	56.98 -0.81 0.00	50.06 -0.81 0.00	39.37 -0.68 0.00	34.27 -0.70 0.00	33.02 -0.50 0.00	29.40 -0.36 0.00
ALCOA___DSASP 323711	26.62 0.05 0.00	24.57 0.07 0.00	22.56 0.02 0.00	20.79 0.00 0.00	19.95 0.04 0.00	21.25 0.00 0.00	24.64 0.05 0.00	25.28 0.00 0.00	28.86 -0.35 0.00	29.21 -0.41 0.00	30.76 -0.66 0.00	32.18 -0.62 0.00	32.95 -0.54 0.00	34.68 -0.57 0.00	39.95 -0.65 0.00	44.77 -1.01 0.00	54.83 -0.89 0.00	60.16 -1.67 0.00	56.98 -0.81 0.00	49.96 -0.91 0.00	39.37 -0.68 0.00	34.27 -0.70 0.00	33.02 -0.50 0.00	29.40 -0.36 0.00
ALLEGHENY___COGEN 23514	27.87 1.30 0.00	25.79 1.30 0.00	23.41 0.88 0.00	21.54 0.75 0.00	20.74 0.84 0.00	22.18 0.93 0.00	26.16 1.57 0.00	26.57 1.29 0.00	30.81 1.61 0.00	30.40 0.77 0.00	32.39 0.98 0.00	33.75 0.95 0.00	34.49 1.00 0.00	36.13 0.88 0.00	40.27 -0.33 0.00	45.50 -0.27 0.00	55.06 -0.67 0.00	62.14 0.31 0.00	58.71 0.92 0.00	53.16 2.29 0.00	42.62 2.57 0.00	38.19 3.22 0.00	36.98 3.45 0.00	32.44 2.68 0.00
ALTAMONT_115KV_TB 2 55880	26.77 0.85 0.65	25.30 0.81 0.00	23.32 0.79 0.00	21.54 0.75 0.00	20.60 0.70 0.00	21.99 0.74 0.00	24.82 0.79 0.55	26.01 0.73 0.00	30.08 0.88 0.00	30.64 1.01 0.00	32.57 1.16 0.01	33.98 1.18 0.00	33.16 1.04 1.37	35.31 1.02 0.96	39.16 1.26 2.70	42.98 1.56 4.35	57.55 1.84 0.01	64.05 2.23 0.00	59.63 1.85 0.00	52.50 1.63 0.00	41.41 1.36 0.00	36.12 1.15 0.00	34.63 1.11 0.00	30.65 0.89 0.00
ALTONA_WT_PWR 323606	27.28 0.72 0.00	25.11 0.61 0.00	23.03 0.50 0.00	21.19 0.39 0.00	20.30 0.40 0.00	21.65 0.40 0.00	25.13 0.54 0.00	25.66 0.38 0.00	29.24 0.03 0.00	29.63 0.00 0.00	31.17 -0.25 0.00	32.74 -0.07 0.00	33.59 0.10 0.00	35.53 0.28 0.00	40.80 0.20 0.00	45.55 -0.23 0.00	55.89 0.17 0.00	61.39 -0.43 0.00	58.02 0.23 0.00	50.41 -0.46 0.00	39.57 -0.48 0.00	34.06 -0.91 0.00	32.62 -0.90 0.00	28.99 -0.77 0.00
AMERICAN_REF_FUEL 24010	26.17 -0.40 0.00	24.35 -0.15 0.00	22.06 -0.47 0.00	20.31 -0.48 0.00	19.67 -0.24 0.00	20.95 -0.30 0.00	24.86 0.27 0.00	24.75 -0.53 0.00	29.15 -0.06 0.00	28.86 -0.77 0.00	30.85 -0.56 0.00	32.15 -0.66 0.00	33.22 -0.27 0.00	35.00 -0.25 0.00	39.63 -0.97 0.00	44.45 -1.33 0.00	53.16 -2.56 0.00	59.41 -2.41 0.00	55.19 -2.60 0.00	49.45 -1.42 0.00	39.65 -0.40 0.00	34.76 -0.21 0.00	34.16 0.64 0.00	30.03 0.27 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	27.23 0.66 0.00	25.18 0.68 0.00	22.76 0.23 0.00	20.94 0.15 0.00	20.18 0.28 0.00	21.61 0.36 0.00	25.50 0.91 0.00	25.96 0.68 0.00	30.61 1.40 0.00	30.55 0.92 0.00	32.77 1.35 0.00	34.12 1.31 0.00	35.26 1.77 0.00	37.04 1.80 0.00	41.82 1.22 0.00	46.96 1.19 0.00	56.06 0.34 0.00	62.75 0.93 0.00	58.36 0.58 0.00	52.40 1.52 0.00	41.85 1.80 0.00	36.82 1.85 0.00	35.83 2.31 0.00	31.52 1.76 0.00
ARTHUR_KILL_GT_1 23520	28.73 2.15 -0.01	26.18 1.69 0.00	24.20 1.67 0.00	22.29 1.50 0.00	21.18 1.28 0.00	22.52 1.27 0.00	25.78 1.20 0.01	26.84 1.57 0.01	31.27 2.07 0.01	32.05 2.43 0.01	34.21 2.80 0.01	35.68 2.89 0.01	35.81 2.71 0.39	38.09 2.78 -0.06	43.61 3.00 0.00	49.72 3.89 -0.06	77.37 4.90 -16.74	76.99 6.12 -9.04	76.98 4.74 -14.46	73.54 3.76 -18.90	42.53 2.48 0.00	37.51 2.48 -0.06	37.78 2.52 -1.74	31.92 2.14 -0.02
ARTHUR_KILL_2 23512	28.62 2.05 -0.01	26.11 1.62 0.00	24.13 1.60 0.00	22.23 1.43 0.00	21.12 1.21 0.00	22.46 1.21 0.00	25.71 1.13 0.01	26.79 1.52 0.01	31.19 1.99 0.01	31.96 2.34 0.01	34.11 2.70 0.01	35.58 2.79 0.01	35.68 2.58 0.39	37.98 2.68 -0.06	43.44 2.84 0.00	49.50 3.66 -0.06	77.09 4.62 -16.74	76.68 5.81 -9.04	76.69 4.45 -14.46	73.33 3.56 -18.90	42.33 2.28 0.00	37.37 2.34 -0.06	37.65 2.38 -1.74	31.80 2.02 -0.02
ARTHUR_KILL_3 23513	28.32 1.75 0.00	25.94 1.44 0.00	23.98 1.44 0.00	22.14 1.35 0.00	21.08 1.17 0.00	22.52 1.27 0.00	25.86 1.28 0.00	26.92 1.64 0.00	31.19 1.99 0.00	31.91 2.28 0.00	33.93 2.51 0.00	35.36 2.56 0.00	35.52 2.41 0.38	35.03 2.40 2.62	39.43 2.76 3.94	45.25 3.39 3.91	55.52 4.29 4.49	57.07 5.44 10.20	49.89 4.04 11.94	42.78 3.21 11.30	36.89 2.16 5.32	34.27 2.06 2.76	35.34 2.01 0.19	31.55 1.79 -0.01
ARTHUR_KILL_COGEN 323718	28.73 2.15 -0.01	26.18 1.69 0.00	24.20 1.67 0.00	22.29 1.50 0.00	21.18 1.28 0.00	22.52 1.27 0.00	25.78 1.20 0.01	26.84 1.57 0.01	31.27 2.07 0.01	32.05 2.43 0.01	34.21 2.80 0.01	35.68 2.89 0.01	35.81 2.71 0.39	38.09 2.78 -0.06	43.61 3.00 0.00	49.72 3.89 -0.06	77.37 4.90 -16.74	76.99 6.12 -9.04	76.98 4.74 -14.46	73.54 3.76 -18.90	42.53 2.48 0.00	37.51 2.48 -0.06	37.78 2.52 -1.74	31.92 2.14 -0.02
ASHOKAN____ 23654	27.57 1.59 0.60	25.18 0.68 0.00	23.28 0.74 0.00	21.46 0.67 0.00	20.44 0.54 0.00	21.89 0.64 0.00	25.47 1.43 0.54	25.73 0.46 0.00	29.61 0.41 0.00	30.25 0.62 0.00	33.54 2.14 0.01	33.85 1.05 0.00	34.34 2.11 1.26	36.34 1.97 0.88	40.63 2.52 2.49	44.84 3.07 4.01	59.67 3.96 0.01	64.23 2.41 0.00	59.98 2.20 0.00	52.91 2.04 0.00	41.57 1.52 0.00	36.26 1.29 0.00	34.76 1.24 0.00	30.62 0.86 0.00

ASTORIA_EAST_ENERGY_CC1 323581	28.62 2.05 -0.01	26.19 1.69 -0.01	24.21 1.67 -0.01	22.36 1.56 -0.01	21.27 1.35 -0.01	22.61 1.36 0.00	25.89 1.30 0.00	26.87 1.59 0.00	31.25 2.04 0.00	32.03 2.40 0.00	34.22 2.80 -0.01	35.73 2.92 -0.01	36.10 2.61 0.00	37.79 2.54 0.00	43.40 2.80 0.00	49.39 3.62 0.00	60.30 4.57 -0.01	67.52 5.68 -0.01	62.18 4.39 -0.01	54.42 3.56 0.01	42.21 2.16 0.00	37.24 2.27 0.00	35.95 2.42 -0.01	31.85 2.08 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	28.62 2.05 -0.01	26.19 1.69 -0.01	24.21 1.67 -0.01	22.36 1.56 -0.01	21.27 1.35 -0.01	22.61 1.36 0.00	25.89 1.30 0.00	26.87 1.59 0.00	31.25 2.04 0.00	32.03 2.40 0.00	34.22 2.80 -0.01	35.73 2.92 -0.01	36.10 2.61 0.00	37.79 2.54 0.00	43.40 2.80 0.00	49.39 3.62 0.00	60.30 4.57 -0.01	67.52 5.68 -0.01	62.18 4.39 -0.01	54.42 3.56 0.01	42.21 2.16 0.00	37.24 2.27 0.00	35.95 2.42 -0.01	31.85 2.08 -0.01
ASTORIA_GT2_1 24094	28.65 2.07 -0.01	26.29 1.79 -0.01	24.23 1.69 -0.01	22.36 1.56 -0.01	21.29 1.37 -0.01	22.76 1.51 0.00	25.99 1.40 0.00	26.87 1.59 0.00	31.28 2.07 0.00	32.03 2.40 0.00	34.22 2.80 -0.01	35.73 2.92 -0.01	36.20 2.71 0.00	37.86 2.61 0.00	43.56 2.96 0.00	49.48 3.71 0.00	60.47 4.74 -0.01	67.03 5.19 -0.01	62.19 4.39 -0.01	54.27 3.41 0.01	42.49 2.44 0.00	37.31 2.34 0.00	36.01 2.48 -0.01	31.91 2.14 -0.01
ASTORIA_GT2_2 24095	28.65 2.07 -0.01	26.29 1.79 -0.01	24.23 1.69 -0.01	22.36 1.56 -0.01	21.29 1.37 -0.01	22.76 1.51 0.00	25.99 1.40 0.00	26.87 1.59 0.00	31.28 2.07 0.00	32.03 2.40 0.00	34.22 2.80 -0.01	35.73 2.92 -0.01	36.20 2.71 0.00	37.86 2.61 0.00	43.56 2.96 0.00	49.48 3.71 0.00	60.47 4.74 -0.01	67.03 5.19 -0.01	62.19 4.39 -0.01	54.27 3.41 0.01	42.49 2.44 0.00	37.31 2.34 0.00	36.01 2.48 -0.01	31.91 2.14 -0.01
ASTORIA_GT2_3 24096	28.65 2.07 -0.01	26.29 1.79 -0.01	24.23 1.69 -0.01	22.36 1.56 -0.01	21.29 1.37 -0.01	22.76 1.51 0.00	25.99 1.40 0.00	26.87 1.59 0.00	31.28 2.07 0.00	32.03 2.40 0.00	34.22 2.80 -0.01	35.73 2.92 -0.01	36.20 2.71 0.00	37.86 2.61 0.00	43.56 2.96 0.00	49.48 3.71 0.00	60.47 4.74 -0.01	67.03 5.19 -0.01	62.19 4.39 -0.01	54.27 3.41 0.01	42.49 2.44 0.00	37.31 2.34 0.00	36.01 2.48 -0.01	31.91 2.14 -0.01
ASTORIA_GT2_4 24097	28.65 2.07 -0.01	26.29 1.79 -0.01	24.23 1.69 -0.01	22.36 1.56 -0.01	21.29 1.37 -0.01	22.76 1.51 0.00	25.99 1.40 0.00	26.87 1.59 0.00	31.28 2.07 0.00	32.03 2.40 0.00	34.22 2.80 -0.01	35.73 2.92 -0.01	36.20 2.71 0.00	37.86 2.61 0.00	43.56 2.96 0.00	49.48 3.71 0.00	60.47 4.74 -0.01	67.03 5.19 -0.01	62.19 4.39 -0.01	54.27 3.41 0.01	42.49 2.44 0.00	37.31 2.34 0.00	36.01 2.48 -0.01	31.91 2.14 -0.01
ASTORIA_GT3_1 24098	28.65 2.07 -0.01	26.29 1.79 -0.01	24.23 1.69 -0.01	22.36 1.56 -0.01	21.29 1.37 -0.01	22.76 1.51 0.00	25.99 1.40 0.00	26.87 1.59 0.00	31.28 2.07 0.00	32.03 2.40 0.00	34.22 2.80 -0.01	35.73 2.92 -0.01	36.20 2.71 0.00	37.86 2.61 0.00	43.56 2.96 0.00	49.48 3.71 0.00	60.47 4.74 -0.01	67.03 5.19 -0.01	62.19 4.39 -0.01	54.27 3.41 0.01	42.49 2.44 0.00	37.31 2.34 0.00	36.01 2.48 -0.01	31.91 2.14 -0.01
ASTORIA_GT3_2 24099	28.65 2.07 -0.01	26.29 1.79 -0.01	24.23 1.69 -0.01	22.36 1.56 -0.01	21.29 1.37 -0.01	22.76 1.51 0.00	25.99 1.40 0.00	26.87 1.59 0.00	31.28 2.07 0.00	32.03 2.40 0.00	34.22 2.80 -0.01	35.73 2.92 -0.01	36.20 2.71 0.00	37.86 2.61 0.00	43.56 2.96 0.00	49.48 3.71 0.00	60.47 4.74 -0.01	67.03 5.19 -0.01	62.19 4.39 -0.01	54.27 3.41 0.01	42.49 2.44 0.00	37.31 2.34 0.00	36.01 2.48 -0.01	31.91 2.14 -0.01
ASTORIA_GT3_3 24100	28.65 2.07 -0.01	26.29 1.79 -0.01	24.23 1.69 -0.01	22.36 1.56 -0.01	21.29 1.37 -0.01	22.76 1.51 0.00	25.99 1.40 0.00	26.87 1.59 0.00	31.28 2.07 0.00	32.03 2.40 0.00	34.22 2.80 -0.01	35.73 2.92 -0.01	36.20 2.71 0.00	37.86 2.61 0.00	43.56 2.96 0.00	49.48 3.71 0.00	60.47 4.74 -0.01	67.03 5.19 -0.01	62.19 4.39 -0.01	54.27 3.41 0.01	42.49 2.44 0.00	37.31 2.34 0.00	36.01 2.48 -0.01	31.91 2.14 -0.01
ASTORIA_GT3_4 24101	28.65 2.07 -0.01	26.29 1.79 -0.01	24.23 1.69 -0.01	22.36 1.56 -0.01	21.29 1.37 -0.01	22.76 1.51 0.00	25.99 1.40 0.00	26.87 1.59 0.00	31.28 2.07 0.00	32.03 2.40 0.00	34.22 2.80 -0.01	35.73 2.92 -0.01	36.20 2.71 0.00	37.86 2.61 0.00	43.56 2.96 0.00	49.48 3.71 0.00	60.47 4.74 -0.01	67.03 5.19 -0.01	62.19 4.39 -0.01	54.27 3.41 0.01	42.49 2.44 0.00	37.31 2.34 0.00	36.01 2.48 -0.01	31.91 2.14 -0.01
ASTORIA_GT4_1 24102	28.65 2.07 -0.01	26.29 1.79 -0.01	24.23 1.69 -0.01	22.36 1.56 -0.01	21.29 1.37 -0.01	22.76 1.51 0.00	25.99 1.40 0.00	26.87 1.59 0.00	31.28 2.07 0.00	32.03 2.40 0.00	34.22 2.80 -0.01	35.73 2.92 -0.01	36.20 2.71 0.00	37.86 2.61 0.00	43.56 2.96 0.00	49.48 3.71 0.00	60.47 4.74 -0.01	67.03 5.19 -0.01	62.19 4.39 -0.01	54.27 3.41 0.01	42.49 2.44 0.00	37.31 2.34 0.00	36.01 2.48 -0.01	31.91 2.14 -0.01
ASTORIA_GT4_2 24103	28.65 2.07 -0.01	26.29 1.79 -0.01	24.23 1.69 -0.01	22.36 1.56 -0.01	21.29 1.37 -0.01	22.76 1.51 0.00	25.99 1.40 0.00	26.87 1.59 0.00	31.28 2.07 0.00	32.03 2.40 0.00	34.22 2.80 -0.01	35.73 2.92 -0.01	36.20 2.71 0.00	37.86 2.61 0.00	43.56 2.96 0.00	49.48 3.71 0.00	60.47 4.74 -0.01	67.03 5.19 -0.01	62.19 4.39 -0.01	54.27 3.41 0.01	42.49 2.44 0.00	37.31 2.34 0.00	36.01 2.48 -0.01	31.91 2.14 -0.01
ASTORIA_GT4_3 24104	28.65 2.07 -0.01	26.29 1.79 -0.01	24.23 1.69 -0.01	22.36 1.56 -0.01	21.29 1.37 -0.01	22.76 1.51 0.00	25.99 1.40 0.00	26.87 1.59 0.00	31.28 2.07 0.00	32.03 2.40 0.00	34.22 2.80 -0.01	35.73 2.92 -0.01	36.20 2.71 0.00	37.86 2.61 0.00	43.56 2.96 0.00	49.48 3.71 0.00	60.47 4.74 -0.01	67.03 5.19 -0.01	62.19 4.39 -0.01	54.27 3.41 0.01	42.49 2.44 0.00	37.31 2.34 0.00	36.01 2.48 -0.01	31.91 2.14 -0.01
ASTORIA_GT4_4 24105	28.65 2.07 -0.01	26.29 1.79 -0.01	24.23 1.69 -0.01	22.36 1.56 -0.01	21.29 1.37 -0.01	22.76 1.51 0.00	25.99 1.40 0.00	26.87 1.59 0.00	31.28 2.07 0.00	32.03 2.40 0.00	34.22 2.80 -0.01	35.73 2.92 -0.01	36.20 2.71 0.00	37.86 2.61 0.00	43.56 2.96 0.00	49.48 3.71 0.00	60.47 4.74 -0.01	67.03 5.19 -0.01	62.19 4.39 -0.01	54.27 3.41 0.01	42.49 2.44 0.00	37.31 2.34 0.00	36.01 2.48 -0.01	31.91 2.14 -0.01
ASTORIA_GT_1 23523	28.67 2.10 -0.01	26.24 1.74 -0.01	24.25 1.71 -0.01	22.40 1.60 -0.01	21.31 1.39 -0.01	22.65 1.40 0.00	25.94 1.35 0.00	26.92 1.64 0.00	31.34 2.13 0.00	32.09 2.46 0.00	34.29 2.86 -0.01	35.83 3.02 -0.01	36.20 2.71 0.00	37.89 2.64 0.00	43.56 2.96 0.00	49.53 3.75 0.00	60.53 4.79 -0.01	67.71 5.88 -0.01	62.36 4.56 -0.01	54.63 3.76 0.01	42.33 2.28 0.00	37.35 2.38 0.00	36.08 2.55 -0.01	31.94 2.17 -0.01

ASTORIA_GT_10 24110	28.59 2.02 0.00	26.21 1.71 0.00	24.16 1.62 0.00	22.29 1.50 0.00	21.20 1.29 0.00	22.67 1.42 0.00	26.01 1.43 0.00	26.97 1.69 0.00	31.34 2.13 0.00	32.09 2.46 0.00	34.22 2.80 -0.01	35.70 2.89 -0.01	36.23 2.75 0.00	37.93 2.68 0.00	43.56 2.96 0.00	49.39 3.62 0.00	54.87 4.51 5.36	66.83 5.01 0.00	54.46 4.22 7.54	48.14 3.31 6.04	42.49 2.44 0.00	37.31 2.34 0.00	35.94 2.41 0.00	31.84 2.08 0.00
ASTORIA_GT_11 24225	28.59 2.02 0.00	26.21 1.71 0.00	24.16 1.62 0.00	22.29 1.50 0.00	21.20 1.29 0.00	22.67 1.42 0.00	26.01 1.43 0.00	26.97 1.69 0.00	31.34 2.13 0.00	32.09 2.46 0.00	34.22 2.80 -0.01	35.70 2.89 -0.01	36.23 2.75 0.00	37.93 2.68 0.00	43.56 2.96 0.00	49.39 3.62 0.00	54.87 4.51 5.36	66.83 5.01 0.00	54.46 4.22 7.54	48.14 3.31 6.04	42.49 2.44 0.00	37.31 2.34 0.00	35.94 2.41 0.00	31.84 2.08 0.00
ASTORIA_GT_12 24226	28.56 1.99 0.00	26.11 1.62 0.00	24.16 1.62 0.00	22.29 1.50 0.00	21.20 1.29 0.00	22.61 1.36 0.00	25.94 1.35 0.00	26.97 1.69 0.00	31.34 2.13 0.00	32.09 2.46 0.00	34.22 2.80 -0.01	35.70 2.89 -0.01	36.17 2.68 0.00	37.89 2.64 0.00	43.44 2.84 0.00	49.30 3.53 0.00	54.76 4.40 5.36	67.39 5.57 0.00	54.46 4.22 7.54	48.19 3.36 6.04	42.25 2.20 0.00	37.28 2.31 0.00	35.90 2.38 0.00	31.78 2.02 0.00
ASTORIA_GT_13 24227	28.56 1.99 0.00	26.11 1.62 0.00	24.16 1.62 0.00	22.29 1.50 0.00	21.20 1.29 0.00	22.61 1.36 0.00	25.94 1.35 0.00	26.97 1.69 0.00	31.34 2.13 0.00	32.09 2.46 0.00	34.22 2.80 -0.01	35.70 2.89 -0.01	36.17 2.68 0.00	37.89 2.64 0.00	43.44 2.84 0.00	49.30 3.53 0.00	54.76 4.40 5.36	67.39 5.57 0.00	54.46 4.22 7.54	48.19 3.36 6.04	42.25 2.20 0.00	37.28 2.31 0.00	35.90 2.38 0.00	31.78 2.02 0.00
ASTORIA_GT_5 24106	28.67 2.10 -0.01	26.24 1.74 -0.01	24.25 1.71 -0.01	22.40 1.60 -0.01	21.31 1.39 -0.01	22.65 1.40 0.00	25.94 1.35 0.00	26.92 1.64 0.00	31.34 2.13 0.00	32.09 2.46 0.00	34.29 2.86 -0.01	35.83 3.02 -0.01	36.20 2.71 0.00	37.89 2.64 0.00	43.56 2.96 0.00	49.53 3.75 0.00	60.53 4.79 -0.01	67.71 5.88 -0.01	62.36 4.56 -0.01	54.63 3.76 0.01	42.33 2.28 0.00	37.35 2.38 0.00	36.08 2.55 -0.01	31.94 2.17 -0.01
ASTORIA_GT_7 24107	28.67 2.10 -0.01	26.24 1.74 -0.01	24.25 1.71 -0.01	22.40 1.60 -0.01	21.31 1.39 -0.01	22.65 1.40 0.00	25.94 1.35 0.00	26.92 1.64 0.00	31.34 2.13 0.00	32.09 2.46 0.00	34.29 2.86 -0.01	35.83 3.02 -0.01	36.20 2.71 0.00	37.89 2.64 0.00	43.56 2.96 0.00	49.53 3.75 0.00	60.53 4.79 -0.01	67.71 5.88 -0.01	62.36 4.56 -0.01	54.63 3.76 0.01	42.33 2.28 0.00	37.35 2.38 0.00	36.08 2.55 -0.01	31.94 2.17 -0.01
ASTORIA_GT_8 24108	28.70 2.13 -0.01	26.34 1.84 -0.01	24.25 1.71 -0.01	22.40 1.60 -0.01	21.31 1.39 -0.01	22.80 1.55 0.00	26.04 1.45 0.00	26.92 1.64 0.00	31.34 2.13 0.00	32.09 2.46 0.00	34.29 2.86 -0.01	35.83 3.02 -0.01	36.30 2.81 0.00	37.93 2.68 0.00	43.65 3.05 0.00	49.62 3.85 0.00	60.64 4.90 -0.01	67.21 5.38 -0.01	62.36 4.57 -0.01	54.42 3.56 0.01	42.61 2.56 0.00	37.42 2.45 0.00	36.11 2.58 -0.01	31.97 2.20 -0.01
ASTORIA___2 24149	28.62 2.05 -0.01	26.19 1.69 -0.01	24.23 1.69 -0.01	22.36 1.56 -0.01	21.29 1.37 -0.01	22.61 1.36 0.00	25.91 1.33 0.00	26.87 1.59 0.00	31.28 2.07 0.00	32.03 2.40 0.00	34.22 2.80 -0.01	35.73 2.92 -0.01	36.13 2.64 0.00	37.82 2.57 0.00	43.44 2.84 0.00	49.39 3.62 0.00	60.36 4.62 -0.01	67.52 5.68 -0.01	62.18 4.39 -0.01	54.47 3.61 0.01	42.25 2.20 0.00	37.28 2.31 0.00	35.98 2.45 -0.01	31.88 2.11 -0.01
ASTORIA___3 23516	28.56 1.99 0.00	26.11 1.62 0.00	24.16 1.62 0.00	22.29 1.50 0.00	21.20 1.29 0.00	22.61 1.36 0.00	25.94 1.35 0.00	26.97 1.69 0.00	31.34 2.13 0.00	32.09 2.46 0.00	34.22 2.80 -0.01	35.70 2.89 -0.01	36.17 2.68 0.00	37.89 2.64 0.00	43.44 2.84 0.00	49.30 3.53 0.00	54.76 4.40 5.36	67.39 5.57 0.00	54.46 4.22 7.54	48.19 3.36 6.04	42.25 2.20 0.00	37.28 2.31 0.00	35.90 2.38 0.00	31.78 2.02 0.00
ASTORIA___4 23517	28.59 2.02 0.00	26.21 1.71 0.00	24.16 1.62 0.00	22.29 1.50 0.00	21.20 1.29 0.00	22.67 1.42 0.00	26.01 1.43 0.00	26.97 1.69 0.00	31.34 2.13 0.00	32.09 2.46 0.00	34.22 2.80 -0.01	35.70 2.89 -0.01	36.23 2.75 0.00	37.93 2.68 0.00	43.56 2.96 0.00	49.39 3.62 0.00	54.87 4.51 5.36	66.83 5.01 0.00	54.41 4.16 7.54	48.14 3.31 6.04	42.49 2.44 0.00	37.31 2.34 0.00	35.94 2.41 0.00	31.84 2.08 0.00
ASTORIA___5 23518	28.56 1.99 0.00	26.11 1.62 0.00	24.16 1.62 0.00	22.29 1.50 0.00	21.20 1.29 0.00	22.61 1.36 0.00	25.94 1.35 0.00	26.97 1.69 0.00	31.34 2.13 0.00	32.09 2.46 0.00	34.22 2.80 -0.01	35.70 2.89 -0.01	36.17 2.68 0.00	37.89 2.64 0.00	43.44 2.84 0.00	49.30 3.53 0.00	54.76 4.40 5.36	67.39 5.57 0.00	54.46 4.22 7.54	48.19 3.36 6.04	42.25 2.20 0.00	37.28 2.31 0.00	35.90 2.38 0.00	31.78 2.02 0.00
AST_ENERGY_2_CC3 323677	28.45 1.89 0.00	26.04 1.54 0.00	24.09 1.55 0.00	22.25 1.45 0.00	21.18 1.28 0.00	22.61 1.36 0.00	25.96 1.38 0.00	27.00 1.72 0.00	31.28 2.07 0.00	32.00 2.37 0.00	34.03 2.61 0.00	35.49 2.69 0.00	36.03 2.54 0.00	37.79 2.54 0.00	43.53 2.92 0.00	49.39 3.62 0.00	60.24 4.51 0.00	67.58 5.75 0.00	62.12 4.34 0.00	54.28 3.41 0.00	42.37 2.32 0.00	37.21 2.24 0.00	35.70 2.18 0.00	31.67 1.91 0.00
AST_ENERGY_2_CC4 323678	28.45 1.89 0.00	26.04 1.54 0.00	24.09 1.55 0.00	22.25 1.45 0.00	21.18 1.28 0.00	22.61 1.36 0.00	25.96 1.38 0.00	27.00 1.72 0.00	31.28 2.07 0.00	32.00 2.37 0.00	34.03 2.61 0.00	35.49 2.69 0.00	36.03 2.54 0.00	37.79 2.54 0.00	43.53 2.92 0.00	49.39 3.62 0.00	60.24 4.51 0.00	67.58 5.75 0.00	62.12 4.34 0.00	54.28 3.41 0.00	42.37 2.32 0.00	37.21 2.24 0.00	35.70 2.18 0.00	31.67 1.91 0.00
ATHENS_STG_1 23668	27.52 0.96 0.00	25.37 0.88 0.00	23.44 0.90 0.00	21.64 0.85 0.00	20.66 0.76 0.00	22.06 0.81 0.00	25.40 0.81 0.00	26.16 0.88 0.00	30.23 1.02 0.00	30.82 1.19 0.00	32.74 1.32 0.00	34.12 1.31 0.00	34.69 1.20 0.00	36.45 1.20 0.00	42.02 1.42 0.00	47.56 1.78 0.00	57.84 2.12 0.00	64.73 2.91 0.00	59.86 2.08 0.00	52.65 1.78 0.00	41.33 1.28 0.00	36.16 1.19 0.00	34.63 1.10 0.00	30.68 0.92 0.00
ATHENS_STG_2 23670	27.52 0.96 0.00	25.37 0.88 0.00	23.44 0.90 0.00	21.64 0.85 0.00	20.66 0.76 0.00	22.06 0.81 0.00	25.40 0.81 0.00	26.16 0.88 0.00	30.23 1.02 0.00	30.82 1.19 0.00	32.74 1.32 0.00	34.12 1.31 0.00	34.69 1.20 0.00	36.45 1.20 0.00	42.02 1.42 0.00	47.56 1.78 0.00	57.84 2.12 0.00	64.73 2.91 0.00	59.86 2.08 0.00	52.65 1.78 0.00	41.33 1.28 0.00	36.16 1.19 0.00	34.63 1.10 0.00	30.68 0.92 0.00

ATHENS_STG_3 23677	27.52 0.96 0.00	25.37 0.88 0.00	23.44 0.90 0.00	21.64 0.85 0.00	20.66 0.76 0.00	22.06 0.81 0.00	25.40 0.81 0.00	26.16 0.88 0.00	30.23 1.02 0.00	30.82 1.19 0.00	32.74 1.32 0.00	34.12 1.31 0.00	34.69 1.20 0.00	36.45 1.20 0.00	42.02 1.42 0.00	47.56 1.78 0.00	57.84 2.12 0.00	64.73 2.91 0.00	59.86 2.08 0.00	52.65 1.78 0.00	41.33 1.28 0.00	36.16 1.19 0.00	34.63 1.10 0.00	30.68 0.92 0.00
AUBURN____LFGE 323710	26.94 0.37 0.00	24.89 0.39 0.00	22.80 0.27 0.00	21.04 0.25 0.00	20.18 0.28 0.00	21.55 0.30 0.00	25.05 0.47 0.00	25.83 0.56 0.00	30.02 0.82 0.00	30.31 0.68 0.00	32.14 0.72 0.00	33.62 0.82 0.00	34.43 0.94 0.00	36.38 1.13 0.00	42.18 1.58 0.00	47.47 1.69 0.00	57.73 2.01 0.00	64.30 2.47 0.00	59.98 2.20 0.00	52.80 1.93 0.00	41.73 1.68 0.00	36.47 1.50 0.00	34.86 1.34 0.00	30.77 1.01 0.00
BABYLON_RES_REC 323704	34.59 2.74 -5.28	30.30 2.43 -3.38	26.21 2.34 -1.33	23.51 2.16 -0.55	22.45 1.99 -0.55	25.01 2.12 -1.64	30.64 2.34 -3.71	27.98 2.55 -0.15	32.80 3.01 -0.59	36.01 3.26 -3.12	39.09 3.39 -4.27	43.54 3.15 -7.59	43.07 3.05 -6.53	46.72 3.03 -8.44	58.15 3.21 -14.34	69.15 4.07 -19.30	78.24 5.07 -17.45	88.95 6.43 -20.70	85.47 5.09 -22.60	67.57 4.22 -12.48	51.80 3.16 -8.59	42.83 2.97 -4.89	43.62 3.29 -6.81	39.39 2.89 -6.74
BABYLON__69_KV_BK2 356345	35.04 3.19 -5.28	30.74 2.87 -3.38	26.55 2.68 -1.33	23.84 2.50 -0.55	22.76 2.29 -0.56	25.37 2.49 -1.64	31.09 2.78 -3.72	28.34 2.91 -0.16	33.48 3.42 -0.85	36.79 3.73 -3.43	39.90 3.96 -4.52	48.78 4.07 -11.91	48.48 4.05 -10.94	50.51 3.98 -11.28	66.58 4.26 -21.71	97.24 5.17 -46.29	106.02 6.46 -43.83	117.11 7.42 -47.86	111.54 6.47 -47.28	94.75 5.44 -38.43	63.89 4.21 -19.63	45.04 3.74 -6.33	49.12 3.89 -11.71	40.80 3.39 -7.65
BARON_WINDS____WT_PWR 323822	27.02 0.45 0.00	24.98 0.49 0.00	22.74 0.20 0.00	20.98 0.19 0.00	20.20 0.30 0.00	21.61 0.36 0.00	25.35 0.76 0.00	25.86 0.58 0.00	30.20 0.99 0.00	30.19 0.56 0.00	32.36 0.94 0.00	33.65 0.85 0.00	34.66 1.17 0.00	36.48 1.23 0.00	41.49 0.89 0.00	46.74 0.96 0.00	56.28 0.56 0.00	63.06 1.24 0.00	58.48 0.70 0.00	52.09 1.22 0.00	41.41 1.36 0.00	36.40 1.43 0.00	35.13 1.61 0.00	31.04 1.28 0.00
BARRETT_IC_1 23704	34.14 2.29 -5.29	29.88 2.01 -3.38	25.83 1.96 -1.34	23.18 1.83 -0.56	22.09 1.63 -0.55	24.65 1.76 -1.64	30.19 1.89 -3.71	27.61 2.17 -0.15	32.16 2.48 -0.47	35.28 2.67 -2.98	38.34 2.77 -4.16	40.31 2.82 -4.69	40.39 2.75 -4.16	45.16 2.78 -7.13	54.68 3.13 -10.95	56.37 3.75 -6.84	65.57 4.57 -5.28	75.79 5.81 -8.16	73.44 4.45 -11.20	55.19 3.82 -0.50	46.35 2.80 -3.50	41.80 2.59 -4.24	40.27 2.71 -4.03	38.40 2.38 -6.26
BARRETT_IC_10 23701	34.14 2.29 -5.29	29.88 2.01 -3.38	25.83 1.96 -1.34	23.18 1.83 -0.56	22.09 1.63 -0.55	24.65 1.76 -1.64	30.19 1.89 -3.71	27.61 2.17 -0.15	32.16 2.48 -0.47	35.28 2.67 -2.98	38.34 2.77 -4.16	40.31 2.82 -4.69	40.39 2.75 -4.16	45.16 2.78 -7.13	54.68 3.13 -10.95	56.37 3.75 -6.84	65.57 4.57 -5.28	75.79 5.81 -8.16	73.44 4.45 -11.20	55.19 3.82 -0.50	46.35 2.80 -3.50	41.80 2.59 -4.24	40.27 2.71 -4.03	38.40 2.38 -6.26
BARRETT_IC_11 23702	34.14 2.29 -5.29	29.88 2.01 -3.38	25.83 1.96 -1.34	23.18 1.83 -0.56	22.09 1.63 -0.55	24.65 1.76 -1.64	30.19 1.89 -3.71	27.61 2.17 -0.15	32.16 2.48 -0.47	35.28 2.67 -2.98	38.34 2.77 -4.16	40.31 2.82 -4.69	40.39 2.75 -4.16	45.16 2.78 -7.13	54.68 3.13 -10.95	56.37 3.75 -6.84	65.57 4.57 -5.28	75.79 5.81 -8.16	73.44 4.45 -11.20	55.19 3.82 -0.50	46.35 2.80 -3.50	41.80 2.59 -4.24	40.27 2.71 -4.03	38.40 2.38 -6.26
BARRETT_IC_12 23703	34.14 2.29 -5.29	29.88 2.01 -3.38	25.83 1.96 -1.34	23.18 1.83 -0.56	22.09 1.63 -0.55	24.65 1.76 -1.64	30.19 1.89 -3.71	27.61 2.17 -0.15	32.16 2.48 -0.47	35.28 2.67 -2.98	38.34 2.77 -4.16	40.31 2.82 -4.69	40.39 2.75 -4.16	45.16 2.78 -7.13	54.68 3.13 -10.95	56.37 3.75 -6.84	65.57 4.57 -5.28	75.79 5.81 -8.16	73.44 4.45 -11.20	55.19 3.82 -0.50	46.35 2.80 -3.50	41.80 2.59 -4.24	40.27 2.71 -4.03	38.40 2.38 -6.26
BARRETT_IC_2 23705	34.14 2.29 -5.29	29.88 2.01 -3.38	25.83 1.96 -1.34	23.18 1.83 -0.56	22.09 1.63 -0.55	24.65 1.76 -1.64	30.19 1.89 -3.71	27.61 2.17 -0.15	32.16 2.48 -0.47	35.28 2.67 -2.98	38.34 2.77 -4.16	40.31 2.82 -4.69	40.39 2.75 -4.16	45.16 2.78 -7.13	54.68 3.13 -10.95	56.37 3.75 -6.84	65.57 4.57 -5.28	75.79 5.81 -8.16	73.44 4.45 -11.20	55.19 3.82 -0.50	46.35 2.80 -3.50	41.80 2.59 -4.24	40.27 2.71 -4.03	38.40 2.38 -6.26
BARRETT_IC_3 23706	34.14 2.29 -5.29	29.88 2.01 -3.38	25.83 1.96 -1.34	23.18 1.83 -0.56	22.09 1.63 -0.55	24.65 1.76 -1.64	30.19 1.89 -3.71	27.61 2.17 -0.15	32.16 2.48 -0.47	35.28 2.67 -2.98	38.34 2.77 -4.16	40.31 2.82 -4.69	40.39 2.75 -4.16	45.16 2.78 -7.13	54.68 3.13 -10.95	56.37 3.75 -6.84	65.57 4.57 -5.28	75.79 5.81 -8.16	73.44 4.45 -11.20	55.19 3.82 -0.50	46.35 2.80 -3.50	41.80 2.59 -4.24	40.27 2.71 -4.03	38.40 2.38 -6.26
BARRETT_IC_4 23707	34.14 2.29 -5.29	29.88 2.01 -3.38	25.83 1.96 -1.34	23.18 1.83 -0.56	22.09 1.63 -0.55	24.65 1.76 -1.64	30.19 1.89 -3.71	27.61 2.17 -0.15	32.16 2.48 -0.47	35.28 2.67 -2.98	38.34 2.77 -4.16	40.31 2.82 -4.69	40.39 2.75 -4.16	45.16 2.78 -7.13	54.68 3.13 -10.95	56.37 3.75 -6.84	65.57 4.57 -5.28	75.79 5.81 -8.16	73.44 4.45 -11.20	55.19 3.82 -0.50	46.35 2.80 -3.50	41.80 2.59 -4.24	40.27 2.71 -4.03	38.40 2.38 -6.26
BARRETT_IC_5 23708	34.14 2.29 -5.29	29.88 2.01 -3.38	25.83 1.96 -1.34	23.18 1.83 -0.56	22.09 1.63 -0.55	24.65 1.76 -1.64	30.19 1.89 -3.71	27.61 2.17 -0.15	32.16 2.48 -0.47	35.28 2.67 -2.98	38.34 2.77 -4.16	40.31 2.82 -4.69	40.39 2.75 -4.16	45.16 2.78 -7.13	54.68 3.13 -10.95	56.37 3.75 -6.84	65.57 4.57 -5.28	75.79 5.81 -8.16	73.44 4.45 -11.20	55.19 3.82 -0.50	46.35 2.80 -3.50	41.80 2.59 -4.24	40.27 2.71 -4.03	38.40 2.38 -6.26
BARRETT_IC_6 23709	34.14 2.29 -5.29	29.88 2.01 -3.38	25.83 1.96 -1.34	23.18 1.83 -0.56	22.09 1.63 -0.55	24.65 1.76 -1.64	30.19 1.89 -3.71	27.61 2.17 -0.15	32.16 2.48 -0.47	35.28 2.67 -2.98	38.34 2.77 -4.16	40.31 2.82 -4.69	40.39 2.75 -4.16	45.16 2.78 -7.13	54.68 3.13 -10.95	56.37 3.75 -6.84	65.57 4.57 -5.28	75.79 5.81 -8.16	73.44 4.45 -11.20	55.19 3.82 -0.50	46.35 2.80 -3.50	41.80 2.59 -4.24	40.27 2.71 -4.03	38.40 2.38 -6.26
BARRETT_IC_7 23710	34.16 2.31 -5.28	29.95 2.08 -3.38	25.82 1.96 -1.33	23.17 1.83 -0.55	22.09 1.63 -0.55	24.67 1.78 -1.64	30.26 1.97 -3.71	27.60 2.17 -0.15	32.16 2.48 -0.47	35.28 2.67 -2.98	38.31 2.73 -4.16	40.31 2.82 -4.69	40.42 2.78 -4.16	45.12 2.75 -7.13	54.71 3.17 -10.94	56.32 3.71 -6.84	65.57 4.57 -5.28	75.31 5.32 -8.17	73.39 4.39 -11.21	55.09 3.71 -0.50	46.50 2.96 -3.49	41.79 2.59 -4.23	40.30 2.75 -4.03	38.45 2.44 -6.25

BARRETT_IC_8 23711	34.14 2.29 -5.29	29.88 2.01 -3.38	25.83 1.96 -1.34	23.18 1.83 -0.56	22.09 1.63 -0.55	24.65 1.76 -1.64	30.19 1.89 -3.71	27.61 2.17 -0.15	32.16 2.48 -0.47	35.28 2.67 -2.98	38.34 2.77 -4.16	40.31 2.82 -4.69	40.39 2.75 -4.16	45.16 2.78 -7.13	54.68 3.13 -10.95	56.37 3.75 -6.84	65.57 4.57 -5.28	75.79 5.81 -8.16	73.44 4.45 -11.20	55.19 3.82 -0.50	46.35 2.80 -3.50	41.80 2.59 -4.24	40.27 2.71 -4.03	38.40 2.38 -6.26
BARRETT_IC_9 23700	34.14 2.29 -5.29	29.88 2.01 -3.38	25.83 1.96 -1.34	23.18 1.83 -0.56	22.09 1.63 -0.55	24.65 1.76 -1.64	30.19 1.89 -3.71	27.61 2.17 -0.15	32.16 2.48 -0.47	35.28 2.67 -2.98	38.34 2.77 -4.16	40.31 2.82 -4.69	40.39 2.75 -4.16	45.16 2.78 -7.13	54.68 3.13 -10.95	56.37 3.75 -6.84	65.57 4.57 -5.28	75.79 5.81 -8.16	73.44 4.45 -11.20	55.19 3.82 -0.50	46.35 2.80 -3.50	41.80 2.59 -4.24	40.27 2.71 -4.03	38.40 2.38 -6.26
BARRETT___1 23545	34.14 2.29 -5.29	29.88 2.01 -3.38	25.83 1.96 -1.34	23.18 1.83 -0.56	22.09 1.63 -0.55	24.65 1.76 -1.64	30.19 1.89 -3.71	27.61 2.17 -0.15	32.16 2.48 -0.47	35.28 2.67 -2.98	38.34 2.77 -4.16	40.31 2.82 -4.69	40.39 2.75 -4.16	45.16 2.78 -7.13	54.68 3.13 -10.95	56.37 3.75 -6.84	65.57 4.57 -5.28	75.79 5.81 -8.16	73.44 4.45 -11.20	55.19 3.82 -0.50	46.35 2.80 -3.50	41.80 2.59 -4.24	40.27 2.71 -4.03	38.40 2.38 -6.26
BARRETT___2 23546	34.14 2.29 -5.29	29.88 2.01 -3.38	25.83 1.96 -1.34	23.18 1.83 -0.56	22.09 1.63 -0.55	24.65 1.76 -1.64	30.19 1.89 -3.71	27.61 2.17 -0.15	32.16 2.48 -0.47	35.28 2.67 -2.98	38.34 2.77 -4.16	40.31 2.82 -4.69	40.39 2.75 -4.16	45.16 2.78 -7.13	54.68 3.13 -10.95	56.37 3.75 -6.84	65.57 4.57 -5.28	75.79 5.81 -8.16	73.44 4.45 -11.20	55.19 3.82 -0.50	46.35 2.80 -3.50	41.80 2.59 -4.24	40.27 2.71 -4.03	38.40 2.38 -6.26
BATAVIA___115KV_TB1 55881	26.97 0.40 0.00	25.03 0.54 0.00	22.80 0.27 0.00	20.98 0.19 0.00	20.24 0.34 0.00	21.57 0.32 0.00	25.32 0.74 0.00	25.81 0.53 0.00	30.29 1.08 0.00	30.07 0.44 0.00	31.89 0.47 0.00	33.52 0.72 0.00	34.56 1.07 0.00	36.80 1.55 0.00	41.49 0.89 0.00	46.46 0.69 0.00	55.89 0.17 0.00	62.32 0.49 0.00	58.48 0.69 0.00	51.89 1.02 0.00	41.13 1.08 0.00	36.40 1.43 0.00	35.53 2.01 0.00	31.16 1.40 0.00
BAYONEEC___CTG1 323682	28.45 1.89 0.00	26.06 1.57 0.00	24.09 1.55 0.00	22.25 1.45 0.00	21.18 1.28 0.00	22.61 1.36 0.00	25.99 1.40 0.00	27.02 1.74 0.00	31.31 2.10 0.00	32.03 2.40 0.00	34.03 2.61 0.00	35.49 2.69 0.00	35.65 2.54 0.38	35.17 2.54 2.62	39.59 2.92 3.94	45.48 3.62 3.91	55.74 4.51 4.49	57.48 5.75 10.10	50.18 4.34 11.94	43.04 3.46 11.30	37.05 2.32 5.32	34.45 2.24 2.76	34.61 2.18 1.09	31.67 1.91 0.00
BAYONEEC___CTG10 323750	28.45 1.89 0.00	26.06 1.57 0.00	24.09 1.55 0.00	22.25 1.45 0.00	21.18 1.28 0.00	22.61 1.36 0.00	25.99 1.40 0.00	27.02 1.74 0.00	31.31 2.10 0.00	32.03 2.40 0.00	34.03 2.61 0.00	35.49 2.69 0.00	35.65 2.54 0.38	35.17 2.54 2.62	39.59 2.92 3.94	45.48 3.62 3.91	55.74 4.51 4.49	57.48 5.75 10.10	50.18 4.34 11.94	43.04 3.46 11.30	37.05 2.32 5.32	34.45 2.24 2.76	34.61 2.18 1.09	31.67 1.91 0.00
BAYONEEC___CTG2 323683	28.45 1.89 0.00	26.06 1.57 0.00	24.09 1.55 0.00	22.25 1.45 0.00	21.18 1.28 0.00	22.61 1.36 0.00	25.99 1.40 0.00	27.02 1.74 0.00	31.31 2.10 0.00	32.03 2.40 0.00	34.03 2.61 0.00	35.49 2.69 0.00	35.65 2.54 0.38	35.17 2.54 2.62	39.59 2.92 3.94	45.48 3.62 3.91	55.74 4.51 4.49	57.48 5.75 10.10	50.18 4.34 11.94	43.04 3.46 11.30	37.05 2.32 5.32	34.45 2.24 2.76	34.61 2.18 1.09	31.67 1.91 0.00
BAYONEEC___CTG3 323684	28.45 1.89 0.00	26.06 1.57 0.00	24.09 1.55 0.00	22.25 1.45 0.00	21.18 1.28 0.00	22.61 1.36 0.00	25.99 1.40 0.00	27.02 1.74 0.00	31.31 2.10 0.00	32.03 2.40 0.00	34.03 2.61 0.00	35.49 2.69 0.00	35.65 2.54 0.38	35.17 2.54 2.62	39.59 2.92 3.94	45.48 3.62 3.91	55.74 4.51 4.49	57.48 5.75 10.10	50.18 4.34 11.94	43.04 3.46 11.30	37.05 2.32 5.32	34.45 2.24 2.76	34.61 2.18 1.09	31.67 1.91 0.00
BAYONEEC___CTG4 323685	28.45 1.89 0.00	26.06 1.57 0.00	24.09 1.55 0.00	22.25 1.45 0.00	21.18 1.28 0.00	22.61 1.36 0.00	25.99 1.40 0.00	27.02 1.74 0.00	31.31 2.10 0.00	32.03 2.40 0.00	34.03 2.61 0.00	35.49 2.69 0.00	35.65 2.54 0.38	35.17 2.54 2.62	39.59 2.92 3.94	45.48 3.62 3.91	55.74 4.51 4.49	57.48 5.75 10.10	50.18 4.34 11.94	43.04 3.46 11.30	37.05 2.32 5.32	34.45 2.24 2.76	34.61 2.18 1.09	31.67 1.91 0.00
BAYONEEC___CTG5 323686	28.45 1.89 0.00	26.06 1.57 0.00	24.09 1.55 0.00	22.25 1.45 0.00	21.18 1.28 0.00	22.61 1.36 0.00	25.99 1.40 0.00	27.02 1.74 0.00	31.31 2.10 0.00	32.03 2.40 0.00	34.03 2.61 0.00	35.49 2.69 0.00	35.65 2.54 0.38	35.17 2.54 2.62	39.59 2.92 3.94	45.48 3.62 3.91	55.74 4.51 4.49	57.48 5.75 10.10	50.18 4.34 11.94	43.04 3.46 11.30	37.05 2.32 5.32	34.45 2.24 2.76	34.61 2.18 1.09	31.67 1.91 0.00
BAYONEEC___CTG6 323687	28.45 1.89 0.00	26.06 1.57 0.00	24.09 1.55 0.00	22.25 1.45 0.00	21.18 1.28 0.00	22.61 1.36 0.00	25.99 1.40 0.00	27.02 1.74 0.00	31.31 2.10 0.00	32.03 2.40 0.00	34.03 2.61 0.00	35.49 2.69 0.00	35.65 2.54 0.38	35.17 2.54 2.62	39.59 2.92 3.94	45.48 3.62 3.91	55.74 4.51 4.49	57.48 5.75 10.10	50.18 4.34 11.94	43.04 3.46 11.30	37.05 2.32 5.32	34.45 2.24 2.76	34.61 2.18 1.09	31.67 1.91 0.00
BAYONEEC___CTG7 323688	28.45 1.89 0.00	26.06 1.57 0.00	24.09 1.55 0.00	22.25 1.45 0.00	21.18 1.28 0.00	22.61 1.36 0.00	25.99 1.40 0.00	27.02 1.74 0.00	31.31 2.10 0.00	32.03 2.40 0.00	34.03 2.61 0.00	35.49 2.69 0.00	35.65 2.54 0.38	35.17 2.54 2.62	39.59 2.92 3.94	45.48 3.62 3.91	55.74 4.51 4.49	57.48 5.75 10.10	50.18 4.34 11.94	43.04 3.46 11.30	37.05 2.32 5.32	34.45 2.24 2.76	34.61 2.18 1.09	31.67 1.91 0.00
BAYONEEC___CTG8 323689	28.45 1.89 0.00	26.06 1.57 0.00	24.09 1.55 0.00	22.25 1.45 0.00	21.18 1.28 0.00	22.61 1.36 0.00	25.99 1.40 0.00	27.02 1.74 0.00	31.31 2.10 0.00	32.03 2.40 0.00	34.03 2.61 0.00	35.49 2.69 0.00	35.65 2.54 0.38	35.17 2.54 2.62	39.59 2.92 3.94	45.48 3.62 3.91	55.74 4.51 4.49	57.48 5.75 10.10	50.18 4.34 11.94	43.04 3.46 11.30	37.05 2.32 5.32	34.45 2.24 2.76	34.61 2.18 1.09	31.67 1.91 0.00
BAYONEEC___CTG9 323749	28.45 1.89 0.00	26.06 1.57 0.00	24.09 1.55 0.00	22.25 1.45 0.00	21.18 1.28 0.00	22.61 1.36 0.00	25.99 1.40 0.00	27.02 1.74 0.00	31.31 2.10 0.00	32.03 2.40 0.00	34.03 2.61 0.00	35.49 2.69 0.00	35.65 2.54 0.38	35.17 2.54 2.62	39.59 2.92 3.94	45.48 3.62 3.91	55.74 4.51 4.49	57.48 5.75 10.10	50.18 4.34 11.94	43.04 3.46 11.30	37.05 2.32 5.32	34.45 2.24 2.76	34.61 2.18 1.09	31.67 1.91 0.00

BEACON___LESR 323632	25.92 0.88 1.52	25.30 0.81 0.00	23.39 0.86 0.00	21.58 0.79 0.00	20.68 0.78 0.00	22.08 0.83 0.00	24.09 0.81 1.30	26.06 0.78 0.00	30.17 0.96 0.00	30.75 1.13 0.00	32.71 1.32 0.03	34.18 1.38 0.00	31.45 1.17 3.21	34.24 1.23 2.24	35.88 1.63 6.35	37.66 2.11 10.22	58.20 2.51 0.03	65.28 3.46 0.00	60.50 2.72 0.00	53.26 2.39 0.00	41.93 1.88 0.00	36.61 1.64 0.00	35.07 1.54 0.00	30.95 1.19 0.00
BEAVER RIVER___HYD 24048	26.89 0.32 0.00	24.76 0.27 0.00	22.69 0.16 0.00	20.77 -0.02 0.00	20.06 0.16 0.00	21.42 0.17 0.00	24.81 0.22 0.00	25.41 0.13 0.00	29.12 -0.09 0.00	29.45 -0.18 0.00	31.17 -0.25 0.00	32.57 -0.23 0.00	33.02 -0.47 0.00	34.72 -0.53 0.00	39.99 -0.61 0.00	44.73 -1.05 0.00	54.89 -0.83 0.00	61.09 -0.74 0.00	58.13 0.35 0.00	51.48 0.61 0.00	40.17 0.12 0.00	35.01 0.04 0.00	33.93 0.40 0.00	30.00 0.24 0.00
BEEBEE_GT_13 23619	26.59 0.03 0.00	24.62 0.12 0.00	22.51 -0.02 0.00	20.71 -0.08 0.00	19.93 0.02 0.00	21.25 0.00 0.00	24.88 0.30 0.00	25.51 0.23 0.00	29.82 0.61 0.00	29.84 0.21 0.00	31.73 0.31 0.00	33.33 0.52 0.00	34.29 0.80 0.00	36.38 1.13 0.00	41.37 0.77 0.00	46.42 0.64 0.00	56.06 0.33 0.00	62.44 0.62 0.00	58.36 0.58 0.00	51.63 0.76 0.00	40.81 0.76 0.00	35.98 1.01 0.00	34.90 1.37 0.00	30.62 0.86 0.00
BENSHRST_27_KV_BENSHRST_1 355998	28.91 2.34 -0.01	26.45 1.96 0.00	24.36 1.83 0.00	22.43 1.64 0.00	21.32 1.41 0.00	22.76 1.51 0.00	26.14 1.55 0.00	27.12 1.85 0.00	31.60 2.39 0.00	32.38 2.76 0.00	34.60 3.17 -0.01	36.09 3.28 -0.01	36.64 3.15 0.00	38.51 3.21 -0.06	44.13 3.53 0.00	50.14 4.30 -0.06	77.87 5.41 -16.74	76.93 6.06 -9.04	77.38 5.14 -14.46	73.89 4.12 -18.90	43.09 3.04 0.00	37.86 2.83 -0.06	38.15 2.88 -1.74	32.19 2.41 -0.02
BETHLEHEM___GRP 23843	25.71 0.50 1.36	24.96 0.47 0.00	23.05 0.52 0.00	21.29 0.50 0.00	20.40 0.50 0.00	21.74 0.49 0.00	23.89 0.47 1.16	25.66 0.38 0.00	29.67 0.47 0.00	30.25 0.62 0.00	32.15 0.75 0.03	33.56 0.75 0.00	31.19 0.57 2.87	33.77 0.53 2.01	35.70 0.77 5.68	37.65 1.01 9.13	56.87 1.17 0.03	63.37 1.55 0.00	58.94 1.16 0.00	51.89 1.02 0.00	40.93 0.88 0.00	35.70 0.73 0.00	34.23 0.70 0.00	30.30 0.54 0.00
BETHLEHEM___GS1 323560	25.69 0.48 1.36	24.94 0.44 0.00	23.05 0.52 0.00	21.29 0.50 0.00	20.40 0.50 0.00	21.76 0.51 0.00	23.82 0.39 1.16	25.66 0.38 0.00	29.67 0.47 0.00	30.25 0.62 0.00	32.14 0.75 0.03	33.56 0.76 0.00	31.15 0.53 2.87	33.80 0.56 2.01	35.66 0.73 5.68	37.65 1.01 9.13	56.81 1.11 0.03	63.68 1.85 0.00	59.00 1.22 0.00	51.94 1.07 0.00	40.85 0.80 0.00	35.67 0.70 0.00	34.19 0.67 0.00	30.27 0.51 0.00
BETHLEHEM___GS2 323561	25.69 0.48 1.36	24.94 0.44 0.00	23.05 0.52 0.00	21.29 0.50 0.00	20.40 0.50 0.00	21.76 0.51 0.00	23.82 0.39 1.16	25.66 0.38 0.00	29.67 0.47 0.00	30.25 0.62 0.00	32.14 0.75 0.03	33.56 0.76 0.00	31.15 0.53 2.87	33.80 0.56 2.01	35.66 0.73 5.68	37.65 1.01 9.13	56.81 1.11 0.03	63.68 1.85 0.00	59.00 1.22 0.00	51.94 1.07 0.00	40.85 0.80 0.00	35.67 0.70 0.00	34.19 0.67 0.00	30.27 0.51 0.00
BETHLEHEM___GS3 323562	25.69 0.48 1.36	24.94 0.44 0.00	23.05 0.52 0.00	21.29 0.50 0.00	20.40 0.50 0.00	21.76 0.51 0.00	23.82 0.39 1.16	25.66 0.38 0.00	29.67 0.47 0.00	30.25 0.62 0.00	32.14 0.75 0.03	33.56 0.76 0.00	31.15 0.53 2.87	33.80 0.56 2.01	35.66 0.73 5.68	37.65 1.01 9.13	56.81 1.11 0.03	63.68 1.85 0.00	59.00 1.22 0.00	51.94 1.07 0.00	40.85 0.80 0.00	35.67 0.70 0.00	34.19 0.67 0.00	30.27 0.51 0.00
BETHLEHEM___STEEL 23779	26.67 0.11 0.00	24.71 0.22 0.00	22.56 0.02 0.00	20.77 -0.02 0.00	20.06 0.16 0.00	21.40 0.15 0.00	25.05 0.47 0.00	25.58 0.30 0.00	30.08 0.88 0.00	29.90 0.27 0.00	31.80 0.38 0.00	33.39 0.59 0.00	34.43 0.94 0.00	36.62 1.37 0.00	41.21 0.61 0.00	46.23 0.46 0.00	55.39 -0.33 0.00	61.52 -0.31 0.00	57.67 -0.12 0.00	51.18 0.31 0.00	40.61 0.56 0.00	36.05 1.08 0.00	35.17 1.64 0.00	30.89 1.13 0.00
BETHLHEM_115KV_TB1 79974	25.89 0.58 1.26	25.03 0.54 0.00	23.12 0.59 0.00	21.33 0.54 0.00	20.44 0.54 0.00	21.80 0.55 0.00	24.05 0.54 1.08	25.73 0.46 0.00	29.76 0.55 0.00	30.31 0.68 0.00	32.24 0.85 0.03	33.65 0.85 0.00	31.46 0.64 2.66	34.02 0.63 1.86	36.23 0.89 5.26	38.40 1.10 8.47	56.98 1.28 0.03	63.49 1.67 0.00	59.06 1.27 0.00	51.99 1.12 0.00	41.01 0.96 0.00	35.77 0.80 0.00	34.29 0.77 0.00	30.36 0.60 0.00
BETHPAGE_CC_5 323564	34.38 2.53 -5.28	30.08 2.21 -3.38	26.01 2.14 -1.33	23.34 2.00 -0.55	22.25 1.79 -0.55	24.82 1.93 -1.64	30.41 2.11 -3.71	27.78 2.35 -0.15	32.48 2.78 -0.50	35.64 2.99 -3.02	38.75 3.14 -4.19	42.22 3.18 -6.23	41.89 3.11 -5.29	45.80 3.07 -7.48	55.97 3.49 -11.87	60.32 4.30 -10.24	69.68 5.35 -8.60	80.10 6.68 -11.59	77.37 5.26 -14.32	59.02 4.38 -3.78	48.10 3.16 -4.88	42.32 2.94 -4.41	41.98 2.95 -5.51	38.83 2.59 -6.48
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	26.73 0.16 0.00	24.76 0.27 0.00	22.58 0.05 0.00	20.81 0.02 0.00	20.10 0.20 0.00	21.44 0.19 0.00	25.08 0.49 0.00	25.66 0.38 0.00	30.17 0.96 0.00	29.98 0.36 0.00	31.89 0.47 0.00	33.49 0.69 0.00	34.56 1.07 0.00	36.76 1.52 0.00	41.37 0.77 0.00	46.42 0.64 0.00	55.61 -0.11 0.00	61.82 0.00 0.00	57.90 0.12 0.00	51.38 0.51 0.00	40.77 0.72 0.00	36.16 1.19 0.00	35.23 1.71 0.00	30.98 1.22 0.00
BINGHAMTON___COGEN 23790	26.91 0.35 0.00	24.84 0.34 0.00	22.78 0.25 0.00	21.04 0.25 0.00	20.18 0.28 0.00	21.55 0.30 0.00	25.03 0.44 0.00	25.76 0.48 0.00	29.94 0.73 0.00	30.16 0.53 0.00	32.17 0.75 0.00	33.65 0.85 0.00	34.49 1.00 0.00	36.38 1.13 0.00	41.70 1.10 0.00	47.01 1.24 0.00	57.06 1.34 0.00	63.37 1.55 0.00	59.17 1.39 0.00	52.14 1.27 0.00	41.17 1.12 0.00	36.12 1.15 0.00	34.60 1.07 0.00	30.62 0.86 0.00
BIXINCNT_115KV_LOAD 355685	26.70 0.13 0.00	24.71 0.22 0.00	22.53 0.00 0.00	20.79 0.00 0.00	20.10 0.20 0.00	21.48 0.23 0.00	25.10 0.52 0.00	25.76 0.48 0.00	30.14 0.93 0.00	30.01 0.39 0.00	32.08 0.66 0.00	33.65 0.85 0.00	34.66 1.17 0.00	36.83 1.59 0.00	41.41 0.81 0.00	46.51 0.73 0.00	55.61 -0.11 0.00	61.58 -0.25 0.00	57.55 -0.23 0.00	51.23 0.36 0.00	40.65 0.60 0.00	36.05 1.08 0.00	35.06 1.54 0.00	30.92 1.16 0.00
BLACK RIVER___HYD 24047	27.02 0.45 0.00	24.88 0.39 0.00	22.78 0.25 0.00	20.90 0.10 0.00	20.12 0.22 0.00	21.50 0.26 0.00	24.88 0.30 0.00	25.46 0.18 0.00	29.26 0.06 0.00	29.63 0.00 0.00	31.45 0.03 0.00	32.83 0.03 0.00	33.42 -0.07 0.00	35.11 -0.14 0.00	40.44 -0.16 0.00	45.23 -0.55 0.00	55.50 -0.22 0.00	62.01 0.19 0.00	58.83 1.04 0.00	52.35 1.48 0.00	40.97 0.92 0.00	35.71 0.74 0.00	34.33 0.80 0.00	30.30 0.54 0.00

BLACKRVR_115KV_TB2 79977	26.99 0.43 0.00	24.86 0.37 0.00	22.78 0.25 0.00	20.90 0.10 0.00	20.12 0.22 0.00	21.48 0.23 0.00	24.86 0.27 0.00	25.46 0.18 0.00	29.26 0.06 0.00	29.63 0.00 0.00	31.42 0.00 0.00	32.83 0.03 0.00	33.42 -0.07 0.00	35.18 -0.07 0.00	40.44 -0.16 0.00	45.23 -0.55 0.00	55.50 -0.22 0.00	62.01 0.19 0.00	58.83 1.04 0.00	52.40 1.53 0.00	40.93 0.88 0.00	35.70 0.73 0.00	34.33 0.80 0.00	30.30 0.54 0.00
BLISS_WT_PWR 323608	26.81 0.24 0.00	24.86 0.37 0.00	22.51 -0.02 0.00	20.79 0.00 0.00	20.08 0.18 0.00	21.52 0.28 0.00	25.37 0.79 0.00	25.78 0.51 0.00	30.14 0.93 0.00	30.01 0.38 0.00	32.27 0.85 0.00	33.46 0.66 0.00	34.66 1.17 0.00	36.55 1.30 0.00	41.41 0.81 0.00	46.51 0.73 0.00	55.56 -0.17 0.00	62.01 0.19 0.00	57.15 -0.63 0.00	51.33 0.46 0.00	41.01 0.96 0.00	36.02 1.05 0.00	35.13 1.61 0.00	30.95 1.19 0.00
BLUE_CIRC_CHEM_DRP 24182	26.61 0.93 0.89	25.38 0.88 0.00	23.41 0.88 0.00	21.60 0.81 0.00	20.68 0.78 0.00	22.82 1.57 0.00	25.60 1.94 0.93	26.87 1.59 0.00	31.08 1.87 0.00	31.61 1.99 0.00	33.94 2.54 0.02	35.29 2.49 0.00	32.54 0.94 1.88	34.92 0.99 1.31	38.10 1.22 3.72	41.30 1.51 5.99	57.43 1.73 0.02	63.93 2.10 0.00	59.52 1.73 0.00	52.50 1.63 0.00	41.49 1.44 0.00	36.16 1.19 0.00	34.80 1.27 0.00	30.80 1.04 0.00
BOC_GAS_DRP 24189	26.60 0.74 0.71	25.20 0.71 0.00	23.25 0.72 0.00	21.46 0.67 0.00	20.52 0.62 0.00	21.91 0.66 0.00	24.67 0.69 0.61	25.91 0.63 0.00	29.97 0.76 0.00	30.52 0.89 0.00	32.41 1.01 0.01	33.82 1.02 0.00	32.82 0.84 1.51	35.00 0.81 1.05	38.67 1.06 2.98	42.30 1.33 4.80	57.21 1.50 0.02	63.68 1.85 0.00	59.23 1.44 0.00	52.14 1.27 0.00	41.13 1.08 0.00	35.88 0.91 0.00	34.46 0.94 0.00	30.50 0.74 0.00
BOONVILLE_115KV_TB1 79983	27.07 0.50 0.00	24.93 0.44 0.00	22.87 0.34 0.00	21.06 0.27 0.00	20.22 0.32 0.00	21.59 0.34 0.00	24.98 0.39 0.00	25.66 0.38 0.00	29.61 0.41 0.00	30.04 0.41 0.00	32.02 0.60 0.00	33.46 0.66 0.00	34.09 0.60 0.00	35.92 0.67 0.00	41.33 0.73 0.00	46.42 0.64 0.00	56.73 1.00 0.00	63.18 1.36 0.00	59.40 1.62 0.00	52.45 1.58 0.00	41.09 1.04 0.00	35.84 0.87 0.00	34.36 0.84 0.00	30.39 0.62 0.00
BORALEX_4TH_BRANCH 23824	30.13 1.35 -2.21	25.82 1.32 0.00	23.86 1.33 0.00	22.06 1.27 0.00	21.06 1.15 0.00	22.52 1.27 0.00	27.83 1.35 -1.89	26.52 1.24 0.00	30.69 1.49 0.00	31.26 1.63 0.00	33.32 1.85 -0.05	34.67 1.87 0.00	39.91 1.74 -4.68	40.28 1.76 -3.27	51.93 2.07 -9.26	63.24 2.56 -14.90	58.72 2.95 -0.05	65.78 3.96 0.00	60.90 3.12 0.00	53.51 2.64 0.00	42.09 2.04 0.00	36.79 1.82 0.00	35.20 1.68 0.00	31.16 1.40 0.00
BOWLINE___1 23526	28.11 1.54 0.00	25.82 1.32 0.00	23.84 1.31 0.00	22.02 1.23 0.00	20.98 1.07 0.00	22.42 1.17 0.00	25.77 1.18 0.00	26.69 1.41 0.00	30.87 1.66 0.00	31.53 1.90 0.00	33.59 2.17 0.00	35.03 2.23 0.00	35.66 2.18 0.00	37.36 2.11 0.00	43.00 2.39 0.00	48.75 2.97 0.00	59.40 3.68 0.00	66.65 4.83 0.00	61.31 3.53 0.00	53.72 2.85 0.00	42.01 1.96 0.00	36.89 1.92 0.00	35.33 1.81 0.00	31.34 1.58 0.00
BOWLINE___2 23595	28.11 1.54 0.00	25.82 1.32 0.00	23.84 1.31 0.00	22.04 1.25 0.00	20.98 1.07 0.00	22.42 1.17 0.00	25.77 1.18 0.00	26.69 1.41 0.00	30.87 1.66 0.00	31.53 1.90 0.00	33.59 2.17 0.00	35.03 2.23 0.00	35.66 2.18 0.00	37.40 2.15 0.00	43.08 2.48 0.00	48.84 3.07 0.00	59.52 3.79 0.00	66.77 4.95 0.00	61.37 3.58 0.00	53.82 2.95 0.00	42.09 2.04 0.00	36.93 1.96 0.00	35.33 1.81 0.00	31.37 1.61 0.00
BRADY___115KV_TB2 356060	26.89 0.32 0.00	24.76 0.27 0.00	22.74 0.20 0.00	20.96 0.17 0.00	20.10 0.20 0.00	21.44 0.19 0.00	24.83 0.25 0.00	25.46 0.18 0.00	28.97 -0.23 0.00	29.33 -0.30 0.00	30.89 -0.53 0.00	32.28 -0.52 0.00	33.05 -0.44 0.00	34.82 -0.42 0.00	40.11 -0.49 0.00	44.95 -0.82 0.00	55.00 -0.72 0.00	60.84 -0.99 0.00	57.27 -0.52 0.00	50.41 -0.46 0.00	39.61 -0.44 0.00	34.52 -0.45 0.00	33.29 -0.23 0.00	29.64 -0.12 0.00
BRANSCOMB___SOLAR 323811	29.75 1.51 -1.66	25.89 1.40 0.00	23.91 1.37 0.00	22.02 1.23 0.00	21.08 1.17 0.00	22.54 1.30 0.00	27.41 1.40 -1.42	26.59 1.31 0.00	30.84 1.63 0.00	31.38 1.75 0.00	33.37 1.92 -0.03	34.77 1.97 0.00	38.82 1.81 -3.52	39.75 2.04 -2.46	49.96 2.39 -6.96	59.82 2.84 -11.20	59.22 3.46 -0.04	66.28 4.45 0.00	61.60 3.81 0.00	54.43 3.56 0.00	43.05 3.01 0.00	37.52 2.55 0.00	35.77 2.25 0.00	31.55 1.79 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	34.93 3.08 -5.28	30.66 2.79 -3.38	26.50 2.64 -1.33	23.80 2.45 -0.55	22.70 2.23 -0.56	25.31 2.42 -1.64	30.99 2.68 -3.72	28.22 2.78 -0.16	33.31 3.24 -0.86	36.59 3.53 -3.44	39.59 3.64 -4.53	60.78 3.74 -24.24	56.04 3.58 -18.97	49.95 3.35 -11.36	66.04 3.53 -21.90	97.12 4.35 -47.00	105.76 5.52 -44.52	116.70 6.31 -48.57	111.14 5.43 -47.92	94.46 4.48 -39.11	63.50 3.52 -19.92	44.45 3.11 -6.37	60.73 3.52 -23.68	42.15 3.10 -9.30
BRISTLHL_115KV_TB1 79998	26.09 -0.48 0.00	24.05 -0.44 0.00	22.11 -0.43 0.00	20.40 -0.40 0.00	19.57 -0.34 0.00	20.87 -0.38 0.00	24.22 -0.37 0.00	24.95 -0.33 0.00	28.97 -0.23 0.00	29.27 -0.36 0.00	31.20 -0.22 0.00	32.57 -0.23 0.00	33.32 -0.17 0.00	35.14 -0.11 0.00	40.36 -0.24 0.00	45.46 -0.32 0.00	55.33 -0.39 0.00	61.52 -0.31 0.00	57.44 -0.35 0.00	50.67 -0.20 0.00	39.93 -0.12 0.00	34.94 -0.03 0.00	33.46 -0.07 0.00	29.64 -0.12 0.00
BROOKHAVEN___DRP 24191	34.85 3.00 -5.28	30.64 2.77 -3.38	26.51 2.64 -1.34	23.85 2.50 -0.56	22.80 2.29 -0.61	25.36 2.46 -1.65	31.18 2.83 -3.77	28.44 2.96 -0.20	34.96 3.42 -2.34	38.46 3.67 -5.15	41.02 3.68 -5.93	43.34 3.58 -6.96	53.06 3.55 -16.02	66.04 3.45 -27.34	107.65 3.74 -63.32	249.05 4.53 -198.74	254.15 5.63 -192.80	269.44 6.37 -201.24	249.94 5.49 -186.66	240.60 4.73 -185.00	125.67 3.60 -82.02	52.63 3.22 -14.45	46.65 3.32 -9.81	41.53 3.04 -8.73
BROOKLYN_NAVY_YARD 23515	28.45 1.89 0.00	26.06 1.57 0.00	24.09 1.55 0.00	22.23 1.43 0.00	21.16 1.25 0.00	22.59 1.34 0.00	25.96 1.38 0.00	27.02 1.74 0.00	31.34 2.13 0.00	32.06 2.43 0.00	34.06 2.64 0.00	35.49 2.69 0.00	36.07 2.58 0.00	37.82 2.57 0.00	43.56 2.96 0.00	49.44 3.66 0.00	60.35 4.62 0.00	67.70 5.88 0.00	62.24 4.45 0.00	54.38 3.51 0.00	42.45 2.40 0.00	37.24 2.27 0.00	35.77 2.25 0.00	31.69 1.93 0.00
BROOKLYN___ARMY_DRP 323595	28.75 2.18 -0.01	26.33 1.84 0.00	24.25 1.71 0.00	22.35 1.56 0.00	21.24 1.33 0.00	22.67 1.42 0.00	26.01 1.43 0.00	27.00 1.72 0.00	31.45 2.25 0.00	32.21 2.58 0.00	34.41 2.98 -0.01	35.89 3.08 -0.01	36.44 2.95 0.00	38.30 3.00 -0.06	43.85 3.25 0.00	49.82 3.98 -0.06	77.48 5.02 -16.74	76.43 5.56 -9.04	76.92 4.68 -14.46	73.54 3.76 -18.90	42.85 2.80 0.00	37.65 2.62 -0.06	37.95 2.68 -1.74	32.01 2.23 -0.02



BROOKVLE_69_KV_TB1 55790	34.24 2.39 -5.28	30.00 2.13 -3.38	25.87 2.01 -1.33	23.19 1.85 -0.55	22.13 1.67 -0.55	24.69 1.81 -1.64	30.29 1.99 -3.71	27.65 2.22 -0.15	32.33 2.66 -0.47	35.51 2.90 -2.98	38.81 3.24 -4.16	40.87 3.38 -4.69	41.03 3.38 -4.16	45.79 3.42 -7.13	55.48 3.94 -10.94	57.24 4.62 -6.84	66.79 5.80 -5.28	76.55 6.55 -8.17	74.60 5.61 -11.21	55.95 4.58 -0.50	47.02 3.48 -3.49	42.28 3.08 -4.23	40.50 2.95 -4.03	38.57 2.56 -6.25
BROOME_2_LFGE 323671	26.97 0.40 0.00	24.88 0.39 0.00	22.78 0.25 0.00	21.04 0.25 0.00	20.18 0.28 0.00	21.57 0.32 0.00	25.10 0.52 0.00	25.76 0.48 0.00	29.94 0.73 0.00	30.16 0.53 0.00	32.24 0.82 0.00	33.65 0.85 0.00	34.49 1.00 0.00	36.30 1.06 0.00	41.70 1.10 0.00	47.01 1.24 0.00	57.06 1.34 0.00	63.68 1.85 0.00	59.06 1.27 0.00	52.24 1.37 0.00	41.25 1.20 0.00	36.12 1.15 0.00	34.63 1.10 0.00	30.65 0.89 0.00
BROOME___LFGE 323600	26.97 0.40 0.00	24.88 0.39 0.00	22.78 0.25 0.00	21.04 0.25 0.00	20.18 0.28 0.00	21.57 0.32 0.00	25.10 0.52 0.00	25.76 0.48 0.00	29.94 0.73 0.00	30.16 0.53 0.00	32.24 0.82 0.00	33.65 0.85 0.00	34.49 1.00 0.00	36.30 1.06 0.00	41.70 1.10 0.00	47.01 1.24 0.00	57.06 1.34 0.00	63.68 1.85 0.00	59.06 1.27 0.00	52.24 1.37 0.00	41.25 1.20 0.00	36.12 1.15 0.00	34.63 1.10 0.00	30.65 0.89 0.00
BROWNFLS_115KV_TB_3_5 80003	26.75 0.19 0.00	24.64 0.15 0.00	22.60 0.07 0.00	20.75 -0.04 0.00	19.99 0.08 0.00	21.31 0.06 0.00	24.68 0.10 0.00	25.30 0.03 0.00	28.86 -0.35 0.00	29.13 -0.50 0.00	30.73 -0.69 0.00	32.11 -0.69 0.00	32.68 -0.80 0.00	34.40 -0.85 0.00	39.67 -0.93 0.00	44.31 -1.46 0.00	54.33 -1.39 0.00	60.34 -1.48 0.00	57.15 -0.64 0.00	50.46 -0.41 0.00	39.45 -0.60 0.00	34.38 -0.59 0.00	33.42 -0.10 0.00	29.64 -0.12 0.00
BROWNSV1_27_KV_LOAD 356125	28.77 2.21 0.00	26.40 1.91 0.00	24.31 1.78 0.00	22.43 1.64 0.00	21.36 1.45 0.00	22.82 1.57 0.00	26.28 1.70 0.00	27.25 1.97 0.00	31.63 2.42 0.00	32.33 2.70 0.00	34.40 2.98 0.00	35.89 3.08 0.00	36.50 3.01 0.00	38.28 3.03 0.00	44.13 3.53 0.00	50.03 4.26 0.00	61.13 5.41 0.00	67.95 6.12 0.00	62.93 5.14 0.00	54.99 4.12 0.00	43.13 3.08 0.00	37.70 2.73 0.00	36.17 2.65 0.00	32.05 2.29 0.00
BURROWS___LYONSDAL 23803	27.02 0.45 0.00	24.86 0.37 0.00	22.83 0.29 0.00	20.96 0.17 0.00	20.16 0.26 0.00	21.55 0.30 0.00	24.93 0.34 0.00	25.58 0.30 0.00	29.47 0.26 0.00	29.87 0.24 0.00	31.80 0.38 0.00	33.23 0.43 0.00	33.79 0.30 0.00	35.57 0.32 0.00	40.93 0.32 0.00	45.91 0.14 0.00	56.17 0.45 0.00	62.57 0.74 0.00	59.06 1.27 0.00	52.24 1.37 0.00	40.81 0.76 0.00	35.56 0.59 0.00	34.23 0.70 0.00	30.27 0.51 0.00
CAITHNESS_CC_1 323624	34.75 2.90 -5.28	30.52 2.65 -3.38	26.44 2.57 -1.34	23.76 2.41 -0.56	22.74 2.23 -0.61	25.27 2.38 -1.65	31.03 2.68 -3.77	28.34 2.86 -0.20	34.83 3.30 -2.33	38.29 3.52 -5.14	40.92 3.58 -5.92	46.98 3.48 -10.71	52.81 3.35 -15.97	65.72 3.24 -27.24	107.22 3.57 -63.05	247.93 4.40 -197.76	252.97 5.40 -191.84	268.82 6.74 -200.25	248.92 5.37 -185.76	239.50 4.58 -184.05	124.99 3.32 -81.62	52.44 3.08 -14.39	46.60 3.29 -9.79	41.36 2.89 -8.72
CALPINE BETH_PAGE_GT4 24209	34.40 2.55 -5.28	30.12 2.25 -3.38	26.00 2.14 -1.33	23.32 1.98 -0.55	22.25 1.79 -0.55	24.84 1.95 -1.64	30.46 2.16 -3.71	27.78 2.35 -0.15	32.50 2.80 -0.49	35.60 2.96 -3.01	38.74 3.14 -4.18	41.69 3.21 -5.68	41.68 3.21 -4.98	45.78 3.14 -7.39	55.81 3.57 -11.64	59.50 4.35 -9.38	68.89 5.41 -7.76	78.79 6.24 -10.72	76.64 5.32 -13.53	58.19 4.37 -2.95	47.90 3.32 -4.53	42.31 2.97 -4.37	41.60 2.98 -5.10	38.80 2.62 -6.42
CALPINE_BETH_PAGE_GT_4 323586	34.38 2.53 -5.29	30.08 2.21 -3.38	26.01 2.14 -1.33	23.32 1.98 -0.55	22.25 1.79 -0.55	24.82 1.93 -1.64	30.39 2.09 -3.71	27.78 2.35 -0.15	32.50 2.80 -0.49	35.60 2.96 -3.01	38.74 3.14 -4.18	41.82 3.22 -5.80	41.61 3.15 -4.98	45.74 3.10 -7.39	55.77 3.53 -11.64	59.51 4.35 -9.38	68.89 5.40 -7.76	79.29 6.74 -10.72	76.69 5.37 -13.53	58.24 4.42 -2.95	47.78 3.21 -4.53	42.31 2.97 -4.37	41.57 2.95 -5.10	38.77 2.59 -6.42
CALPINE_BP_GT1 23823	34.38 2.53 -5.29	30.08 2.21 -3.38	26.01 2.14 -1.33	23.32 1.98 -0.55	22.25 1.79 -0.55	24.82 1.93 -1.64	30.39 2.09 -3.71	27.78 2.35 -0.15	32.50 2.80 -0.49	35.60 2.96 -3.01	38.74 3.14 -4.18	41.82 3.22 -5.80	41.61 3.15 -4.98	45.74 3.10 -7.39	55.77 3.53 -11.64	59.51 4.35 -9.38	68.89 5.40 -7.76	79.29 6.74 -10.72	76.69 5.37 -13.53	58.24 4.42 -2.95	47.78 3.21 -4.53	42.31 2.97 -4.37	41.57 2.95 -5.10	38.77 2.59 -6.42
CALSPAN___DRP 24200	26.67 0.11 0.00	24.71 0.22 0.00	22.56 0.02 0.00	20.77 -0.02 0.00	20.06 0.16 0.00	21.40 0.15 0.00	25.05 0.47 0.00	25.58 0.30 0.00	30.08 0.88 0.00	29.90 0.27 0.00	31.80 0.38 0.00	33.39 0.59 0.00	34.43 0.94 0.00	36.62 1.37 0.00	41.21 0.61 0.00	46.23 0.46 0.00	55.39 -0.33 0.00	61.52 -0.31 0.00	57.67 -0.12 0.00	51.18 0.31 0.00	40.61 0.56 0.00	36.05 1.08 0.00	35.17 1.64 0.00	30.89 1.13 0.00
CALVERTON___SOLAR 323806	34.93 3.08 -5.28	30.69 2.82 -3.38	26.60 2.73 -1.34	23.95 2.60 -0.56	22.90 2.39 -0.61	25.44 2.55 -1.65	31.28 2.92 -3.77	28.59 3.11 -0.20	35.14 3.59 -2.34	38.64 3.85 -5.16	41.28 3.93 -5.93	47.36 3.84 -10.72	53.28 3.75 -16.04	66.26 3.63 -27.39	107.97 3.94 -63.44	249.81 4.85 -199.18	254.92 5.97 -193.23	270.74 7.23 -201.68	250.68 5.83 -187.06	241.37 5.09 -185.41	126.01 3.76 -82.20	52.90 3.46 -14.47	46.92 3.59 -9.81	41.65 3.15 -8.73
CANDIGU_WT_PWR 323617	27.02 0.45 0.00	24.98 0.49 0.00	22.74 0.20 0.00	20.98 0.19 0.00	20.20 0.30 0.00	21.61 0.36 0.00	25.35 0.76 0.00	25.86 0.58 0.00	30.20 0.99 0.00	30.19 0.56 0.00	32.36 0.94 0.00	33.65 0.85 0.00	34.66 1.17 0.00	36.48 1.23 0.00	41.49 0.89 0.00	46.74 0.96 0.00	56.28 0.56 0.00	63.06 1.24 0.00	58.48 0.70 0.00	52.09 1.22 0.00	41.41 1.36 0.00	36.40 1.43 0.00	35.13 1.61 0.00	31.04 1.28 0.00
CARR STREET_E_SYR 24060	26.33 -0.24 0.00	24.30 -0.20 0.00	22.29 -0.25 0.00	20.56 -0.23 0.00	19.73 -0.18 0.00	21.06 -0.19 0.00	24.46 -0.12 0.00	25.18 -0.10 0.00	29.15 -0.06 0.00	29.39 -0.24 0.00	31.36 -0.06 0.00	32.74 -0.07 0.00	33.56 0.07 0.00	35.32 0.07 0.00	40.64 0.04 0.00	45.82 0.05 0.00	55.67 -0.06 0.00	62.01 0.19 0.00	57.73 -0.06 0.00	50.92 0.05 0.00	40.17 0.12 0.00	35.11 0.14 0.00	33.62 0.10 0.00	29.73 -0.03 0.00
CARTHAGE___PAPER 23857	26.94 0.37 0.00	24.81 0.32 0.00	22.74 0.20 0.00	20.83 0.04 0.00	20.08 0.18 0.00	21.46 0.21 0.00	24.83 0.25 0.00	25.43 0.15 0.00	29.15 -0.06 0.00	29.48 -0.15 0.00	31.23 -0.19 0.00	32.61 -0.20 0.00	33.12 -0.37 0.00	34.83 -0.42 0.00	40.03 -0.57 0.00	44.77 -1.01 0.00	54.94 -0.78 0.00	61.33 -0.50 0.00	58.30 0.52 0.00	51.73 0.86 0.00	40.45 0.40 0.00	35.25 0.28 0.00	34.03 0.50 0.00	30.06 0.30 0.00

CASSADAGA_WT_PWR 323784	27.36 0.80 0.00	25.28 0.78 0.00	22.83 0.29 0.00	21.00 0.21 0.00	20.26 0.36 0.00	21.70 0.45 0.00	25.62 1.03 0.00	26.16 0.88 0.00	30.87 1.66 0.00	30.78 1.15 0.00	33.08 1.66 0.00	34.41 1.61 0.00	35.53 2.04 0.00	37.29 2.04 0.00	42.06 1.46 0.00	47.24 1.46 0.00	56.34 0.61 0.00	63.06 1.24 0.00	58.77 0.98 0.00	52.80 1.93 0.00	42.17 2.12 0.00	37.14 2.17 0.00	36.10 2.58 0.00	31.78 2.02 0.00
CE_DUNWOOD___DRP 24194	28.32 1.75 0.00	26.04 1.54 0.00	24.00 1.46 0.00	22.16 1.37 0.00	21.10 1.19 0.00	22.57 1.32 0.00	25.99 1.40 0.00	26.90 1.62 0.00	31.10 1.90 0.00	31.79 2.16 0.00	33.84 2.42 0.00	35.29 2.49 0.00	35.97 2.48 0.00	37.68 2.43 0.00	43.44 2.84 0.00	49.26 3.48 0.00	60.07 4.35 0.00	66.83 5.01 0.00	61.89 4.10 0.00	54.18 3.31 0.00	42.53 2.48 0.00	37.17 2.20 0.00	35.63 2.11 0.00	31.61 1.85 0.00
CE_MILLWOOD___DRP 24193	28.24 1.67 0.00	25.96 1.47 0.00	23.95 1.42 0.00	22.12 1.33 0.00	21.06 1.15 0.00	22.52 1.27 0.00	25.91 1.33 0.00	26.82 1.54 0.00	31.02 1.81 0.00	31.67 2.04 0.00	33.74 2.33 0.00	35.20 2.39 0.00	35.87 2.38 0.00	37.57 2.33 0.00	43.36 2.76 0.00	49.12 3.34 0.00	59.90 4.18 0.00	66.65 4.82 0.00	61.77 3.99 0.00	54.08 3.20 0.00	42.45 2.40 0.00	37.10 2.13 0.00	35.53 2.01 0.00	31.52 1.76 0.00
CE_NYC2_DRP 24202	28.59 2.02 0.00	26.23 1.74 0.00	24.16 1.62 0.00	22.29 1.50 0.00	21.20 1.29 0.00	22.67 1.42 0.00	26.04 1.45 0.00	27.00 1.72 0.00	31.37 2.16 0.00	32.12 2.49 0.00	34.22 2.80 -0.01	35.70 2.89 -0.01	36.27 2.78 0.00	38.00 2.75 0.00	43.61 3.00 0.00	49.44 3.66 0.00	54.93 4.57 5.36	66.96 5.13 0.00	54.52 4.28 7.54	48.19 3.36 6.04	42.57 2.52 0.00	37.35 2.38 0.00	35.97 2.45 0.00	31.84 2.08 0.00
CE_NYC_DRP 24195	28.51 1.94 0.00	26.18 1.69 0.00	24.11 1.58 0.00	22.27 1.48 0.00	21.20 1.29 0.00	22.65 1.40 0.00	26.09 1.50 0.00	27.05 1.77 0.00	31.34 2.13 0.00	32.06 2.43 0.00	34.12 2.70 0.00	35.56 2.76 0.00	36.17 2.68 0.00	37.89 2.64 0.00	43.73 3.13 0.00	49.53 3.75 0.00	60.46 4.74 0.00	67.20 5.38 0.00	62.24 4.45 0.00	54.38 3.51 0.00	42.65 2.60 0.00	37.31 2.34 0.00	35.80 2.28 0.00	31.75 1.99 0.00
CHAFFEE___LFGE 323603	26.97 0.40 0.00	25.01 0.52 0.00	22.65 0.11 0.00	20.88 0.08 0.00	20.15 0.24 0.00	21.55 0.30 0.00	25.50 0.91 0.00	25.78 0.51 0.00	30.26 1.05 0.00	30.07 0.45 0.00	32.27 0.85 0.00	33.62 0.82 0.00	34.79 1.30 0.00	36.62 1.37 0.00	41.57 0.97 0.00	46.74 0.96 0.00	55.95 0.22 0.00	62.57 0.74 0.00	57.96 0.17 0.00	51.83 0.96 0.00	41.41 1.36 0.00	36.33 1.36 0.00	35.47 1.94 0.00	31.22 1.46 0.00
CHATEAUG_35_KV_LOAD 355732	27.07 0.50 0.00	24.91 0.42 0.00	22.85 0.32 0.00	21.02 0.23 0.00	20.16 0.26 0.00	21.50 0.25 0.00	24.93 0.34 0.00	25.48 0.20 0.00	29.06 -0.15 0.00	29.45 -0.18 0.00	31.04 -0.38 0.00	32.54 -0.26 0.00	33.39 -0.10 0.00	35.18 -0.07 0.00	40.48 -0.12 0.00	45.32 -0.46 0.00	55.45 -0.28 0.00	61.33 -0.49 0.00	57.55 -0.23 0.00	50.16 -0.71 0.00	39.33 -0.72 0.00	33.89 -1.08 0.00	32.45 -1.07 0.00	28.90 -0.86 0.00
CHATEAUG_WT_PWR 323614	27.13 0.56 0.00	24.96 0.46 0.00	22.89 0.36 0.00	21.06 0.27 0.00	20.18 0.28 0.00	21.52 0.28 0.00	24.98 0.39 0.00	25.51 0.23 0.00	29.09 -0.12 0.00	29.48 -0.15 0.00	31.04 -0.38 0.00	32.57 -0.23 0.00	33.42 -0.07 0.00	35.28 0.04 0.00	40.56 -0.04 0.00	45.27 -0.50 0.00	55.56 -0.17 0.00	61.02 -0.81 0.00	57.61 -0.17 0.00	50.11 -0.76 0.00	39.33 -0.72 0.00	33.89 -1.08 0.00	32.45 -1.07 0.00	28.87 -0.89 0.00
CHAT_HIGH_FALL_HYD 323578	27.07 0.50 0.00	24.91 0.42 0.00	22.85 0.32 0.00	21.02 0.23 0.00	20.16 0.26 0.00	21.50 0.26 0.00	24.93 0.34 0.00	25.48 0.20 0.00	29.06 -0.15 0.00	29.45 -0.18 0.00	31.01 -0.41 0.00	32.54 -0.26 0.00	33.39 -0.10 0.00	35.25 0.00 0.00	40.48 -0.12 0.00	45.18 -0.60 0.00	55.45 -0.28 0.00	60.90 -0.93 0.00	57.56 -0.23 0.00	50.05 -0.82 0.00	39.33 -0.72 0.00	33.89 -1.08 0.00	32.45 -1.07 0.00	28.90 -0.86 0.00
CHAUTAUQUA___LFGE 323629	27.23 0.66 0.00	25.23 0.73 0.00	22.80 0.27 0.00	21.02 0.23 0.00	20.28 0.38 0.00	21.70 0.45 0.00	25.62 1.03 0.00	26.04 0.76 0.00	30.61 1.40 0.00	30.49 0.86 0.00	32.71 1.29 0.00	34.08 1.28 0.00	35.23 1.74 0.00	37.04 1.80 0.00	41.94 1.34 0.00	47.10 1.33 0.00	56.28 0.56 0.00	63.00 1.17 0.00	58.42 0.64 0.00	52.35 1.48 0.00	41.81 1.76 0.00	36.75 1.78 0.00	35.80 2.28 0.00	31.52 1.76 0.00
CHERRYST_13_KV_LD 356241	28.61 2.05 0.00	26.26 1.76 0.00	24.20 1.67 0.00	22.33 1.54 0.00	21.26 1.35 0.00	22.74 1.49 0.00	26.16 1.57 0.00	27.15 1.87 0.00	31.48 2.28 0.00	32.21 2.58 0.00	34.28 2.86 0.00	35.75 2.95 0.00	36.34 2.85 0.00	38.10 2.86 0.00	43.93 3.33 0.00	49.76 3.98 0.00	60.80 5.07 0.00	67.57 5.75 0.00	62.47 4.68 0.00	54.58 3.71 0.00	42.81 2.76 0.00	37.42 2.45 0.00	35.94 2.41 0.00	31.84 2.08 0.00
CHESTROR_138KV_BK263 355645	27.92 1.35 0.00	25.67 1.18 0.00	23.68 1.15 0.00	21.87 1.08 0.00	20.84 0.94 0.00	22.27 1.02 0.00	25.64 1.06 0.00	26.47 1.19 0.00	30.58 1.37 0.00	31.20 1.57 0.00	33.21 1.79 0.00	34.70 1.90 0.00	35.36 1.88 0.00	37.05 1.80 0.00	42.71 2.11 0.00	48.39 2.61 0.00	59.01 3.29 0.00	65.66 3.83 0.00	60.91 3.12 0.00	53.41 2.54 0.00	41.97 1.92 0.00	36.68 1.71 0.00	35.17 1.64 0.00	31.19 1.43 0.00
CH_MIDHUDSON___DRP 24192	28.13 1.57 0.00	25.89 1.40 0.00	23.89 1.35 0.00	22.06 1.27 0.00	21.00 1.09 0.00	22.44 1.19 0.00	25.86 1.28 0.00	26.64 1.37 0.00	30.75 1.55 0.00	31.41 1.78 0.00	33.46 2.04 0.00	34.93 2.13 0.00	35.63 2.14 0.00	37.36 2.11 0.00	43.16 2.56 0.00	48.84 3.07 0.00	59.57 3.84 0.00	66.34 4.51 0.00	61.54 3.76 0.00	53.92 3.05 0.00	42.37 2.32 0.00	37.00 2.03 0.00	35.40 1.88 0.00	31.37 1.61 0.00
CH_MISC_IPPS 23765	28.27 1.70 0.00	25.96 1.47 0.00	24.00 1.46 0.00	22.14 1.35 0.00	21.06 1.15 0.00	22.48 1.23 0.00	25.86 1.28 0.00	26.72 1.44 0.00	30.87 1.66 0.00	31.55 1.92 0.00	33.62 2.20 0.00	35.13 2.33 0.00	35.87 2.38 0.00	37.65 2.40 0.00	43.53 2.92 0.00	49.35 3.57 0.00	60.07 4.35 0.00	67.39 5.57 0.00	62.12 4.34 0.00	54.48 3.61 0.00	42.62 2.57 0.00	37.28 2.31 0.00	35.64 2.11 0.00	31.52 1.76 0.00
CH_RES_BVR_FALLS 23983	26.38 -0.18 0.00	24.32 -0.17 0.00	22.38 -0.16 0.00	20.62 -0.17 0.00	19.77 -0.14 0.00	21.08 -0.17 0.00	24.39 -0.20 0.00	25.08 -0.20 0.00	28.86 -0.35 0.00	29.27 -0.35 0.00	30.92 -0.50 0.00	32.31 -0.49 0.00	32.99 -0.50 0.00	34.75 -0.49 0.00	40.03 -0.57 0.00	45.04 -0.73 0.00	54.94 -0.78 0.00	60.59 -1.24 0.00	57.03 -0.75 0.00	50.11 -0.76 0.00	39.45 -0.60 0.00	34.38 -0.59 0.00	32.98 -0.54 0.00	29.37 -0.39 0.00

CH_RES_NIAGARA 23895	25.90 -0.66 0.00	24.08 -0.42 0.00	21.81 -0.72 0.00	20.08 -0.71 0.00	19.41 -0.50 0.00	20.72 -0.53 0.00	24.61 0.02 0.00	24.65 -0.63 0.00	29.06 -0.15 0.00	28.74 -0.89 0.00	30.70 -0.72 0.00	32.01 -0.79 0.00	33.09 -0.40 0.00	34.86 -0.39 0.00	39.46 -1.14 0.00	44.27 -1.51 0.00	52.88 -2.84 0.00	59.04 -2.78 0.00	54.90 -2.89 0.00	49.19 -1.68 0.00	39.45 -0.60 0.00	34.62 -0.35 0.00	34.06 0.53 0.00	30.12 0.36 0.00
CH_RES_SYRACUSE 23985	26.49 -0.08 0.00	24.44 -0.05 0.00	22.42 -0.11 0.00	20.69 -0.10 0.00	19.83 -0.08 0.00	21.18 -0.06 0.00	24.61 0.02 0.00	25.33 0.05 0.00	29.41 0.21 0.00	29.69 0.06 0.00	31.73 0.31 0.00	33.13 0.33 0.00	33.92 0.43 0.00	35.70 0.46 0.00	41.17 0.57 0.00	46.37 0.59 0.00	56.40 0.67 0.00	62.87 1.05 0.00	58.48 0.70 0.00	51.58 0.71 0.00	40.73 0.68 0.00	35.56 0.59 0.00	34.06 0.53 0.00	30.12 0.36 0.00
CLINTON_WT_PWR 323605	27.13 0.56 0.00	24.96 0.46 0.00	22.89 0.36 0.00	21.06 0.27 0.00	20.18 0.28 0.00	21.52 0.28 0.00	24.98 0.39 0.00	25.51 0.23 0.00	29.09 -0.12 0.00	29.48 -0.15 0.00	31.04 -0.38 0.00	32.57 -0.23 0.00	33.42 -0.07 0.00	35.28 0.04 0.00	40.56 -0.04 0.00	45.27 -0.50 0.00	55.56 -0.17 0.00	61.02 -0.81 0.00	57.61 -0.17 0.00	50.11 -0.76 0.00	39.33 -0.72 0.00	33.89 -1.08 0.00	32.45 -1.07 0.00	28.87 -0.89 0.00
CLINTON___LFGE 323618	27.39 0.82 0.00	25.20 0.71 0.00	23.12 0.58 0.00	21.27 0.48 0.00	20.40 0.50 0.00	21.74 0.49 0.00	25.27 0.69 0.00	25.81 0.53 0.00	29.41 0.21 0.00	29.81 0.18 0.00	31.36 -0.06 0.00	32.93 0.13 0.00	33.82 0.33 0.00	35.78 0.53 0.00	41.09 0.49 0.00	45.82 0.05 0.00	56.34 0.61 0.00	61.89 0.06 0.00	58.53 0.75 0.00	50.82 -0.05 0.00	39.97 -0.08 0.00	34.38 -0.59 0.00	32.88 -0.64 0.00	29.23 -0.53 0.00
COBBLENY_34_KV_TB1 80064	26.81 0.24 0.00	24.84 0.34 0.00	22.65 0.11 0.00	20.87 0.08 0.00	20.16 0.26 0.00	21.50 0.25 0.00	25.18 0.59 0.00	25.76 0.48 0.00	30.26 1.05 0.00	30.07 0.44 0.00	32.02 0.60 0.00	33.65 0.85 0.00	34.69 1.21 0.00	36.94 1.69 0.00	41.58 0.97 0.00	46.65 0.87 0.00	55.89 0.17 0.00	62.13 0.31 0.00	58.19 0.40 0.00	51.63 0.76 0.00	40.93 0.88 0.00	36.30 1.33 0.00	35.33 1.81 0.00	31.07 1.31 0.00
COFFEEN___115KV_TB3 355620	27.18 0.61 0.00	25.01 0.51 0.00	22.92 0.38 0.00	21.02 0.23 0.00	20.24 0.34 0.00	21.61 0.36 0.00	25.00 0.42 0.00	25.58 0.30 0.00	29.44 0.23 0.00	29.78 0.15 0.00	31.61 0.19 0.00	33.06 0.26 0.00	33.62 0.13 0.00	35.46 0.21 0.00	40.68 0.08 0.00	45.50 -0.27 0.00	55.84 0.11 0.00	62.44 0.62 0.00	59.35 1.56 0.00	52.96 2.09 0.00	41.33 1.28 0.00	36.05 1.08 0.00	34.60 1.07 0.00	30.50 0.74 0.00
COLDSPRG_115KV_BK1 355956	27.44 0.88 0.00	25.33 0.83 0.00	23.07 0.54 0.00	21.25 0.46 0.00	20.52 0.62 0.00	21.93 0.68 0.00	25.64 1.06 0.00	26.47 1.19 0.00	31.10 1.90 0.00	31.02 1.39 0.00	33.15 1.73 0.00	34.80 2.00 0.00	35.73 2.24 0.00	37.93 2.68 0.00	42.59 1.99 0.00	47.79 2.01 0.00	57.06 1.34 0.00	63.31 1.48 0.00	59.52 1.73 0.00	52.96 2.09 0.00	41.97 1.92 0.00	37.28 2.31 0.00	36.07 2.55 0.00	31.90 2.14 0.00
COLONIE_LFGE___ 323577	30.64 1.20 -2.87	25.65 1.15 0.00	23.68 1.15 0.00	21.85 1.06 0.00	20.88 0.98 0.00	22.33 1.08 0.00	28.18 1.13 -2.46	26.36 1.09 0.00	30.52 1.32 0.00	31.08 1.45 0.00	33.11 1.63 -0.06	34.47 1.67 0.00	41.11 1.54 -6.08	41.12 1.62 -4.25	54.56 1.95 -12.01	67.49 2.38 -19.33	58.57 2.79 -0.06	65.35 3.52 0.00	60.56 2.77 0.00	53.31 2.44 0.00	42.01 1.96 0.00	36.68 1.71 0.00	35.07 1.54 0.00	31.01 1.25 0.00
COOPERNY_115KV_TB1 80082	27.58 1.01 0.00	25.38 0.88 0.00	23.39 0.86 0.00	21.60 0.81 0.00	20.60 0.70 0.00	22.01 0.76 0.00	25.37 0.79 0.00	26.19 0.91 0.00	30.26 1.05 0.00	30.84 1.21 0.00	32.77 1.35 0.00	34.25 1.44 0.00	34.90 1.41 0.00	36.62 1.37 0.00	42.22 1.62 0.00	47.74 1.97 0.00	58.23 2.51 0.00	64.73 2.91 0.00	60.15 2.37 0.00	52.85 1.98 0.00	41.53 1.48 0.00	36.30 1.33 0.00	34.80 1.27 0.00	30.86 1.10 0.00
COPENHAGEN_WT_PWR 323753	26.91 0.34 0.00	24.79 0.29 0.00	22.71 0.18 0.00	20.85 0.06 0.00	20.08 0.18 0.00	21.44 0.19 0.00	24.83 0.25 0.00	25.41 0.13 0.00	29.24 0.03 0.00	29.57 -0.06 0.00	31.42 0.00 0.00	32.80 0.00 0.00	33.39 -0.10 0.00	35.11 -0.14 0.00	40.40 -0.20 0.00	45.23 -0.55 0.00	55.45 -0.28 0.00	61.95 0.12 0.00	58.65 0.87 0.00	52.14 1.27 0.00	40.85 0.80 0.00	35.63 0.66 0.00	34.23 0.71 0.00	30.23 0.47 0.00
CORNELL___ 23752	27.20 0.64 0.00	25.08 0.59 0.00	23.01 0.47 0.00	21.23 0.44 0.00	20.36 0.46 0.00	21.74 0.49 0.00	25.25 0.66 0.00	26.04 0.76 0.00	30.20 0.99 0.00	30.40 0.77 0.00	32.52 1.10 0.00	33.95 1.15 0.00	34.73 1.24 0.00	36.66 1.41 0.00	41.98 1.38 0.00	47.33 1.56 0.00	57.67 1.95 0.00	64.30 2.47 0.00	60.21 2.43 0.00	53.16 2.29 0.00	41.93 1.88 0.00	36.68 1.71 0.00	35.03 1.51 0.00	30.95 1.19 0.00
CORONA_AAV_69_KV_TB1 355595	34.30 2.44 -5.28	30.05 2.18 -3.38	25.91 2.05 -1.33	23.24 1.89 -0.55	22.17 1.71 -0.55	24.73 1.85 -1.64	30.31 2.02 -3.71	27.65 2.22 -0.15	32.30 2.63 -0.47	35.51 2.90 -2.98	38.72 3.14 -4.16	40.74 3.25 -4.69	40.86 3.21 -4.16	45.65 3.28 -7.13	55.24 3.69 -10.94	57.10 4.49 -6.84	66.52 5.52 -5.28	76.30 6.31 -8.17	74.37 5.37 -11.21	55.85 4.48 -0.50	47.02 3.48 -3.49	42.28 3.08 -4.23	40.60 3.05 -4.03	38.72 2.71 -6.25
CORTLAND_115KV_TB3 80093	26.91 0.35 0.00	24.81 0.32 0.00	22.78 0.25 0.00	21.02 0.23 0.00	20.16 0.26 0.00	21.52 0.28 0.00	24.98 0.39 0.00	25.73 0.46 0.00	29.85 0.64 0.00	30.13 0.50 0.00	32.17 0.75 0.00	33.62 0.82 0.00	34.39 0.90 0.00	36.31 1.06 0.00	41.66 1.06 0.00	46.97 1.19 0.00	57.17 1.45 0.00	63.62 1.79 0.00	59.46 1.68 0.00	52.45 1.58 0.00	41.33 1.28 0.00	36.16 1.19 0.00	34.60 1.07 0.00	30.56 0.80 0.00
COXSACKIE___GT 23611	27.51 1.81 0.86	25.94 1.44 0.00	24.00 1.46 0.00	22.08 1.29 0.00	21.10 1.19 0.00	22.69 1.45 0.00	25.65 1.84 0.78	26.69 1.41 0.00	30.78 1.58 0.00	31.38 1.75 0.00	33.57 2.17 0.02	34.87 2.07 0.00	33.50 1.84 1.82	35.95 1.97 1.28	39.51 2.52 3.61	42.90 2.93 5.81	59.33 3.62 0.02	66.09 4.26 0.00	61.54 3.75 0.00	54.54 3.66 0.00	43.09 3.04 0.00	37.49 2.52 0.00	35.97 2.45 0.00	31.61 1.85 0.00
CPV_VALLEY___CC1 323721	27.68 1.12 0.00	25.45 0.95 0.00	23.50 0.97 0.00	21.71 0.91 0.00	20.70 0.80 0.00	22.10 0.85 0.00	25.42 0.84 0.00	26.29 1.01 0.00	30.38 1.17 0.00	30.99 1.36 0.00	32.99 1.57 0.00	34.44 1.64 0.00	35.06 1.57 0.00	36.80 1.55 0.00	42.43 1.83 0.00	48.02 2.24 0.00	58.51 2.79 0.00	65.60 3.77 0.00	60.50 2.72 0.00	53.11 2.24 0.00	41.57 1.52 0.00	36.40 1.43 0.00	34.86 1.34 0.00	30.92 1.16 0.00

CPV_VALLEY___CC2 323722	27.68 1.12 0.00	25.45 0.95 0.00	23.50 0.97 0.00	21.71 0.91 0.00	20.70 0.80 0.00	22.10 0.85 0.00	25.42 0.84 0.00	26.29 1.01 0.00	30.38 1.17 0.00	30.99 1.36 0.00	32.99 1.57 0.00	34.44 1.64 0.00	35.06 1.57 0.00	36.80 1.55 0.00	42.43 1.83 0.00	48.02 2.24 0.00	58.51 2.79 0.00	65.60 3.77 0.00	60.50 2.72 0.00	53.11 2.24 0.00	41.57 1.52 0.00	36.40 1.43 0.00	34.86 1.34 0.00	30.92 1.16 0.00
CRESCENT___HYD 24018	30.64 1.20 -2.87	25.65 1.15 0.00	23.68 1.15 0.00	21.85 1.06 0.00	20.88 0.98 0.00	22.33 1.08 0.00	28.18 1.13 -2.46	26.36 1.09 0.00	30.52 1.32 0.00	31.08 1.45 0.00	33.11 1.63 -0.06	34.47 1.67 0.00	41.11 1.54 -6.08	41.12 1.62 -4.25	54.56 1.95 -12.01	67.49 2.38 -19.33	58.57 2.79 -0.06	65.35 3.52 0.00	60.56 2.77 0.00	53.31 2.44 0.00	42.01 1.96 0.00	36.68 1.71 0.00	35.07 1.54 0.00	31.01 1.25 0.00
CRICKET___VALLEY_CC1 323756	27.73 1.17 0.00	25.62 1.13 0.00	23.70 1.17 0.00	21.89 1.10 0.00	20.88 0.98 0.00	22.31 1.06 0.00	25.64 1.06 0.00	26.36 1.09 0.00	30.46 1.25 0.00	31.08 1.45 0.00	33.08 1.66 0.00	34.51 1.70 0.00	35.06 1.57 0.00	36.84 1.59 0.00	42.47 1.87 0.00	48.11 2.33 0.00	58.57 2.84 0.00	65.72 3.90 0.00	60.62 2.83 0.00	53.16 2.29 0.00	41.61 1.56 0.00	36.44 1.47 0.00	34.86 1.34 0.00	30.92 1.16 0.00
CRICKET___VALLEY_CC2 323757	27.73 1.17 0.00	25.62 1.13 0.00	23.70 1.17 0.00	21.89 1.10 0.00	20.88 0.98 0.00	22.31 1.06 0.00	25.64 1.06 0.00	26.36 1.09 0.00	30.46 1.25 0.00	31.08 1.45 0.00	33.08 1.66 0.00	34.51 1.70 0.00	35.06 1.57 0.00	36.84 1.59 0.00	42.47 1.87 0.00	48.11 2.33 0.00	58.57 2.84 0.00	65.72 3.90 0.00	60.62 2.83 0.00	53.16 2.29 0.00	41.61 1.56 0.00	36.44 1.47 0.00	34.86 1.34 0.00	30.92 1.16 0.00
CRICKET___VALLEY_CC3 323758	27.73 1.17 0.00	25.62 1.13 0.00	23.70 1.17 0.00	21.89 1.10 0.00	20.88 0.98 0.00	22.31 1.06 0.00	25.64 1.06 0.00	26.36 1.09 0.00	30.46 1.25 0.00	31.08 1.45 0.00	33.08 1.66 0.00	34.51 1.70 0.00	35.06 1.57 0.00	36.84 1.59 0.00	42.47 1.87 0.00	48.11 2.33 0.00	58.57 2.84 0.00	65.72 3.90 0.00	60.62 2.83 0.00	53.16 2.29 0.00	41.61 1.56 0.00	36.44 1.47 0.00	34.86 1.34 0.00	30.92 1.16 0.00
CRUCIBLE_METL_DRP 24180	26.46 -0.11 0.00	24.42 -0.07 0.00	22.42 -0.11 0.00	20.69 -0.10 0.00	19.83 -0.08 0.00	21.16 -0.08 0.00	24.56 -0.02 0.00	25.33 0.05 0.00	29.41 0.20 0.00	29.69 0.06 0.00	31.70 0.28 0.00	33.13 0.33 0.00	33.92 0.44 0.00	35.78 0.53 0.00	41.17 0.57 0.00	46.37 0.60 0.00	56.39 0.67 0.00	62.69 0.87 0.00	58.54 0.75 0.00	51.53 0.66 0.00	40.65 0.60 0.00	35.56 0.59 0.00	34.03 0.50 0.00	30.09 0.33 0.00
DAHOWA___HYDRO 323763	29.61 1.57 -1.47	25.94 1.44 0.00	23.95 1.42 0.00	22.06 1.27 0.00	21.12 1.21 0.00	22.59 1.34 0.00	27.32 1.48 -1.26	26.69 1.41 0.00	30.96 1.75 0.00	31.50 1.87 0.00	33.49 2.04 -0.03	34.90 2.10 0.00	38.51 1.91 -3.11	39.57 2.15 -2.18	49.27 2.52 -6.15	58.70 3.02 -9.90	59.43 3.68 -0.03	66.59 4.76 0.00	61.95 4.16 0.00	54.73 3.86 0.00	43.37 3.32 0.00	37.77 2.80 0.00	35.94 2.42 0.00	31.67 1.91 0.00
DANC___LFGE 323619	26.62 0.05 0.00	24.52 0.02 0.00	22.47 -0.07 0.00	20.67 -0.12 0.00	19.87 -0.04 0.00	21.23 -0.02 0.00	24.61 0.02 0.00	25.23 -0.05 0.00	29.12 -0.09 0.00	29.45 -0.18 0.00	31.33 -0.09 0.00	32.67 -0.13 0.00	33.32 -0.17 0.00	35.04 -0.21 0.00	40.32 -0.28 0.00	45.18 -0.60 0.00	55.28 -0.45 0.00	61.70 -0.12 0.00	58.08 0.29 0.00	51.48 0.61 0.00	40.45 0.40 0.00	35.32 0.35 0.00	33.93 0.40 0.00	30.00 0.24 0.00
DANSKAMMER___1 23586	28.27 1.70 0.00	25.96 1.47 0.00	24.00 1.46 0.00	22.14 1.35 0.00	21.06 1.15 0.00	22.48 1.23 0.00	25.86 1.28 0.00	26.72 1.44 0.00	30.87 1.66 0.00	31.55 1.92 0.00	33.62 2.20 0.00	35.13 2.33 0.00	35.87 2.38 0.00	37.65 2.40 0.00	43.53 2.92 0.00	49.35 3.57 0.00	60.07 4.35 0.00	67.39 5.57 0.00	62.12 4.34 0.00	54.48 3.61 0.00	42.62 2.57 0.00	37.28 2.31 0.00	35.64 2.11 0.00	31.52 1.76 0.00
DANSKAMMER___2 23589	28.27 1.70 0.00	25.96 1.47 0.00	24.00 1.46 0.00	22.14 1.35 0.00	21.06 1.15 0.00	22.48 1.23 0.00	25.86 1.28 0.00	26.72 1.44 0.00	30.87 1.66 0.00	31.55 1.92 0.00	33.62 2.20 0.00	35.13 2.33 0.00	35.87 2.38 0.00	37.65 2.40 0.00	43.53 2.92 0.00	49.35 3.57 0.00	60.07 4.35 0.00	67.39 5.57 0.00	62.12 4.34 0.00	54.48 3.61 0.00	42.62 2.57 0.00	37.28 2.31 0.00	35.64 2.11 0.00	31.52 1.76 0.00
DANSKAMMER___3 23590	28.27 1.70 0.00	25.96 1.47 0.00	24.00 1.46 0.00	22.14 1.35 0.00	21.06 1.15 0.00	22.48 1.23 0.00	25.86 1.28 0.00	26.72 1.44 0.00	30.87 1.66 0.00	31.55 1.92 0.00	33.62 2.20 0.00	35.13 2.33 0.00	35.87 2.38 0.00	37.65 2.40 0.00	43.53 2.92 0.00	49.35 3.57 0.00	60.07 4.35 0.00	67.39 5.57 0.00	62.12 4.34 0.00	54.48 3.61 0.00	42.62 2.57 0.00	37.28 2.31 0.00	35.64 2.11 0.00	31.52 1.76 0.00
DANSKAMMER___4 23591	28.27 1.70 0.00	25.96 1.47 0.00	24.00 1.46 0.00	22.14 1.35 0.00	21.06 1.15 0.00	22.48 1.23 0.00	25.86 1.28 0.00	26.72 1.44 0.00	30.87 1.66 0.00	31.55 1.92 0.00	33.62 2.20 0.00	35.13 2.33 0.00	35.87 2.38 0.00	37.65 2.40 0.00	43.53 2.92 0.00	49.35 3.57 0.00	60.07 4.35 0.00	67.39 5.57 0.00	62.12 4.34 0.00	54.48 3.61 0.00	42.62 2.57 0.00	37.28 2.31 0.00	35.64 2.11 0.00	31.52 1.76 0.00
DANSKAMMER___DIESEL 23592	28.29 1.73 0.00	26.01 1.52 0.00	24.00 1.46 0.00	22.14 1.35 0.00	21.06 1.15 0.00	22.50 1.25 0.00	25.94 1.35 0.00	26.72 1.44 0.00	30.87 1.66 0.00	31.55 1.93 0.00	33.62 2.20 0.00	35.13 2.33 0.00	35.90 2.41 0.00	37.64 2.40 0.00	43.52 2.92 0.00	49.30 3.52 0.00	60.07 4.35 0.00	66.89 5.07 0.00	62.06 4.28 0.00	54.38 3.51 0.00	42.69 2.64 0.00	37.24 2.27 0.00	35.63 2.11 0.00	31.55 1.79 0.00
DARBY___SOLAR 323810	29.74 1.51 -1.66	25.89 1.40 0.00	23.91 1.37 0.00	22.04 1.25 0.00	21.08 1.17 0.00	22.54 1.30 0.00	27.43 1.43 -1.42	26.64 1.36 0.00	30.90 1.69 0.00	31.44 1.81 0.00	33.43 1.98 -0.03	34.87 2.07 0.00	38.87 1.87 -3.50	39.77 2.08 -2.45	50.00 2.48 -6.92	59.85 2.93 -11.14	59.33 3.57 -0.04	66.40 4.57 0.00	61.72 3.93 0.00	54.48 3.61 0.00	43.09 3.04 0.00	37.56 2.59 0.00	35.77 2.25 0.00	31.55 1.79 0.00
DASHVILLE___HYD 23610	27.88 1.54 0.22	25.60 1.10 0.00	23.61 1.08 0.00	21.81 1.02 0.00	20.72 0.82 0.00	22.14 0.89 0.00	25.61 1.23 0.20	26.29 1.01 0.00	30.32 1.11 0.00	30.99 1.36 0.00	33.46 2.04 0.00	34.47 1.67 0.00	35.22 2.21 0.47	37.07 2.15 0.33	42.22 2.56 0.94	47.38 3.11 1.51	59.62 3.90 0.00	65.60 3.77 0.00	60.79 3.00 0.00	53.26 2.39 0.00	41.77 1.72 0.00	36.51 1.54 0.00	34.96 1.44 0.00	30.98 1.22 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	35.78 3.93 -5.28	31.50 3.63 -3.38	27.30 3.43 -1.34	24.60 3.24 -0.56	23.52 3.01 -0.61	26.10 3.21 -1.65	32.09 3.74 -3.77	29.45 3.97 -0.20	36.22 4.67 -2.35	39.83 5.04 -5.16	42.64 5.28 -5.94	45.22 5.41 -7.01	55.05 5.49 -16.07	68.19 5.50 -27.44	110.11 5.93 -63.59	252.41 6.91 -199.72	258.01 8.53 -193.76	273.20 9.15 -202.23	253.37 8.03 -187.56	244.03 7.22 -185.94	128.00 5.53 -82.42	54.40 4.93 -14.50	48.14 4.79 -9.82	42.76 4.26 -8.74
DELAWARE___LFGE 323621	27.55 0.98 0.00	25.38 0.88 0.00	23.34 0.81 0.00	21.54 0.75 0.00	20.60 0.70 0.00	22.03 0.79 0.00	25.45 0.86 0.00	26.19 0.91 0.00	30.29 1.08 0.00	30.75 1.13 0.00	32.74 1.32 0.00	34.21 1.41 0.00	34.93 1.44 0.00	36.73 1.48 0.00	42.35 1.75 0.00	47.74 1.97 0.00	58.18 2.45 0.00	64.61 2.78 0.00	60.27 2.48 0.00	53.11 2.24 0.00	41.85 1.80 0.00	36.54 1.57 0.00	34.96 1.44 0.00	30.95 1.19 0.00
DERFIELD_115KV_TB7 355931	26.59 0.03 0.00	24.49 0.00 0.00	22.53 0.00 0.00	20.79 0.00 0.00	19.91 0.00 0.00	21.25 0.00 0.00	24.59 0.00 0.00	25.28 0.00 0.00	29.21 0.00 0.00	29.66 0.03 0.00	31.48 0.06 0.00	32.87 0.07 0.00	33.56 0.07 0.00	35.32 0.07 0.00	40.64 0.04 0.00	45.87 0.09 0.00	55.84 0.11 0.00	62.01 0.19 0.00	57.90 0.12 0.00	50.97 0.10 0.00	40.13 0.08 0.00	35.04 0.07 0.00	33.59 0.07 0.00	29.79 0.03 0.00
DOGLEVILLE___HYD 23807	26.28 -0.29 0.00	24.20 -0.29 0.00	22.24 -0.29 0.00	20.50 -0.29 0.00	19.61 -0.30 0.00	20.93 -0.32 0.00	24.22 -0.37 0.00	24.92 -0.35 0.00	28.80 -0.41 0.00	29.24 -0.39 0.00	31.20 -0.22 0.00	32.57 -0.23 0.00	33.26 -0.23 0.00	34.75 -0.49 0.00	39.95 -0.65 0.00	45.00 -0.78 0.00	54.89 -0.83 0.00	61.15 -0.68 0.00	57.15 -0.63 0.00	50.41 -0.46 0.00	39.65 -0.40 0.00	34.73 -0.24 0.00	33.22 -0.30 0.00	29.46 -0.30 0.00
DUNKIRK___115KV_TB_200 55889	27.05 0.48 0.00	25.01 0.51 0.00	22.78 0.25 0.00	21.00 0.21 0.00	20.26 0.36 0.00	21.63 0.38 0.00	25.30 0.71 0.00	25.96 0.68 0.00	30.55 1.34 0.00	30.40 0.77 0.00	32.39 0.97 0.00	34.02 1.21 0.00	35.06 1.57 0.00	37.22 1.97 0.00	41.82 1.22 0.00	46.92 1.14 0.00	56.17 0.45 0.00	62.38 0.56 0.00	58.59 0.81 0.00	52.04 1.17 0.00	41.29 1.24 0.00	36.68 1.71 0.00	35.63 2.11 0.00	31.34 1.58 0.00
DUNKIRK___1 23563	27.05 0.48 0.00	25.01 0.51 0.00	22.78 0.25 0.00	21.00 0.21 0.00	20.26 0.36 0.00	21.63 0.38 0.00	25.30 0.71 0.00	25.96 0.68 0.00	30.55 1.34 0.00	30.40 0.77 0.00	32.39 0.97 0.00	34.02 1.21 0.00	35.06 1.57 0.00	37.22 1.97 0.00	41.82 1.22 0.00	46.92 1.14 0.00	56.17 0.45 0.00	62.38 0.56 0.00	58.59 0.81 0.00	52.04 1.17 0.00	41.29 1.24 0.00	36.68 1.71 0.00	35.63 2.11 0.00	31.34 1.58 0.00
DUNKIRK___2 23564	27.05 0.48 0.00	25.01 0.51 0.00	22.78 0.25 0.00	21.00 0.21 0.00	20.26 0.36 0.00	21.63 0.38 0.00	25.30 0.71 0.00	25.96 0.68 0.00	30.55 1.34 0.00	30.40 0.77 0.00	32.39 0.97 0.00	34.02 1.21 0.00	35.06 1.57 0.00	37.22 1.97 0.00	41.82 1.22 0.00	46.92 1.14 0.00	56.17 0.45 0.00	62.38 0.56 0.00	58.59 0.81 0.00	52.04 1.17 0.00	41.29 1.24 0.00	36.68 1.71 0.00	35.63 2.11 0.00	31.34 1.58 0.00
DUNKIRK___3 23565	26.86 0.29 0.00	24.86 0.37 0.00	22.67 0.14 0.00	20.90 0.10 0.00	20.18 0.28 0.00	21.52 0.28 0.00	25.18 0.59 0.00	25.78 0.51 0.00	30.32 1.11 0.00	30.16 0.53 0.00	32.11 0.69 0.00	33.72 0.92 0.00	34.76 1.27 0.00	36.90 1.66 0.00	41.53 0.93 0.00	46.60 0.82 0.00	55.84 0.11 0.00	62.01 0.19 0.00	58.19 0.40 0.00	51.63 0.76 0.00	40.97 0.92 0.00	36.37 1.40 0.00	35.37 1.84 0.00	31.13 1.37 0.00
DUNKIRK___4 23566	26.86 0.29 0.00	24.86 0.37 0.00	22.67 0.14 0.00	20.90 0.10 0.00	20.18 0.28 0.00	21.52 0.28 0.00	25.18 0.59 0.00	25.78 0.51 0.00	30.32 1.11 0.00	30.16 0.53 0.00	32.11 0.69 0.00	33.72 0.92 0.00	34.76 1.27 0.00	36.90 1.66 0.00	41.53 0.93 0.00	46.60 0.82 0.00	55.84 0.11 0.00	62.01 0.19 0.00	58.19 0.40 0.00	51.63 0.76 0.00	40.97 0.92 0.00	36.37 1.40 0.00	35.37 1.84 0.00	31.13 1.37 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	28.40 1.83 0.00	26.09 1.59 0.00	24.04 1.51 0.00	22.21 1.41 0.00	21.14 1.23 0.00	22.61 1.36 0.00	26.06 1.48 0.00	26.97 1.69 0.00	31.22 2.02 0.00	31.88 2.25 0.00	33.93 2.51 0.00	35.43 2.62 0.00	36.07 2.58 0.00	37.79 2.54 0.00	43.61 3.00 0.00	49.39 3.62 0.00	60.24 4.51 0.00	67.02 5.19 0.00	62.12 4.33 0.00	54.33 3.46 0.00	42.65 2.60 0.00	37.28 2.31 0.00	35.73 2.21 0.00	31.69 1.93 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	28.08 1.51 0.00	25.82 1.32 0.00	23.82 1.28 0.00	21.98 1.19 0.00	20.92 1.02 0.00	22.35 1.10 0.00	25.77 1.18 0.00	26.57 1.29 0.00	30.70 1.49 0.00	31.35 1.72 0.00	33.40 1.98 0.00	34.87 2.07 0.00	35.60 2.11 0.00	37.29 2.04 0.00	43.04 2.44 0.00	48.75 2.98 0.00	59.46 3.73 0.00	66.15 4.33 0.00	61.37 3.58 0.00	53.82 2.95 0.00	42.29 2.24 0.00	36.93 1.96 0.00	35.37 1.84 0.00	31.34 1.58 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	28.70 2.13 -0.01	26.31 1.81 -0.01	24.25 1.71 -0.01	22.38 1.58 -0.01	21.29 1.37 -0.01	22.76 1.51 0.00	26.01 1.43 0.00	26.90 1.62 0.00	31.31 2.10 0.00	32.06 2.43 0.00	34.26 2.83 -0.01	35.73 2.92 -0.01	36.23 2.75 0.00	37.89 2.64 0.00	43.61 3.00 0.00	49.48 3.71 0.00	60.41 4.68 -0.01	67.03 5.19 -0.01	62.19 4.39 -0.01	54.32 3.46 0.01	42.53 2.48 0.00	37.35 2.38 0.00	36.04 2.51 -0.01	31.94 2.17 -0.01
E179THST_13_KV_LOAD 356214	28.86 2.28 -0.01	26.46 1.96 -0.01	24.37 1.83 -0.01	22.48 1.68 -0.01	21.39 1.47 -0.01	22.86 1.61 0.00	26.16 1.57 0.00	27.05 1.77 0.00	31.48 2.28 0.00	32.24 2.61 0.00	34.44 3.02 -0.01	35.96 3.15 -0.01	36.47 2.98 0.00	38.14 2.89 0.00	43.85 3.25 0.00	49.80 4.03 0.00	60.80 5.07 -0.01	67.52 5.69 -0.01	62.65 4.85 -0.01	54.68 3.82 0.01	42.81 2.76 0.00	37.59 2.62 0.00	36.28 2.75 -0.01	32.12 2.35 -0.01
EAST HAMPTON___GT 23717	36.21 4.36 -5.28	31.87 3.99 -3.38	27.68 3.81 -1.34	24.93 3.58 -0.56	23.84 3.32 -0.61	26.44 3.55 -1.65	32.46 4.11 -3.77	29.88 4.40 -0.20	36.78 5.23 -2.35	40.42 5.63 -5.16	43.42 6.07 -5.94	49.83 6.30 -10.73	55.89 6.33 -16.07	69.00 6.31 -27.45	111.26 7.06 -63.59	253.87 8.33 -199.76	259.54 10.03 -193.79	274.97 10.88 -202.26	254.50 9.13 -187.59	245.44 8.60 -185.97	128.89 6.41 -82.43	55.28 5.81 -14.50	49.04 5.70 -9.82	43.41 4.91 -8.74
EAST RIVER___6 23660	28.48 1.91 0.00	26.06 1.57 0.00	24.11 1.58 0.00	22.29 1.50 0.00	21.18 1.28 0.00	22.61 1.36 0.00	25.94 1.35 0.00	26.97 1.69 0.00	31.28 2.07 0.00	32.00 2.37 0.00	34.00 2.58 0.00	35.43 2.63 0.00	35.97 2.48 0.00	37.86 2.61 0.00	43.61 3.00 0.00	49.53 3.75 0.00	60.41 4.68 0.00	67.76 5.94 0.00	62.24 4.45 0.00	54.38 3.51 0.00	42.41 2.36 0.00	37.24 2.27 0.00	35.70 2.18 0.00	31.67 1.91 0.00

EAST RIVER___7 23524	28.48 1.91 0.00	26.06 1.57 0.00	24.11 1.58 0.00	22.29 1.50 0.00	21.18 1.28 0.00	22.61 1.36 0.00	25.94 1.35 0.00	26.97 1.69 0.00	31.28 2.07 0.00	32.00 2.37 0.00	34.00 2.58 0.00	35.43 2.63 0.00	35.97 2.48 0.00	37.86 2.61 0.00	43.61 3.00 0.00	49.53 3.75 0.00	60.41 4.68 0.00	67.76 5.94 0.00	62.24 4.45 0.00	54.38 3.51 0.00	42.41 2.36 0.00	37.24 2.27 0.00	35.70 2.18 0.00	31.67 1.91 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	28.32 1.75 0.00	26.04 1.54 0.00	24.00 1.46 0.00	22.16 1.37 0.00	21.10 1.19 0.00	22.57 1.32 0.00	25.99 1.40 0.00	26.90 1.62 0.00	31.10 1.90 0.00	31.79 2.16 0.00	33.84 2.42 0.00	35.29 2.49 0.00	35.97 2.48 0.00	37.68 2.43 0.00	43.44 2.84 0.00	49.26 3.48 0.00	60.07 4.35 0.00	66.83 5.01 0.00	61.89 4.10 0.00	54.18 3.31 0.00	42.53 2.48 0.00	37.17 2.20 0.00	35.63 2.11 0.00	31.61 1.85 0.00
EAST_HAMPTON___DIESEL 23722	36.23 4.38 -5.28	31.87 3.99 -3.38	27.68 3.81 -1.34	24.93 3.58 -0.56	23.86 3.34 -0.61	26.44 3.55 -1.65	32.46 4.11 -3.77	29.90 4.42 -0.20	36.78 5.23 -2.35	40.45 5.66 -5.16	43.45 6.10 -5.94	49.87 6.33 -10.73	55.93 6.36 -16.07	69.00 6.31 -27.45	111.26 7.06 -63.59	253.91 8.38 -199.76	259.54 10.03 -193.79	275.03 10.94 -202.26	254.50 9.13 -187.59	245.44 8.60 -185.97	128.89 6.41 -82.43	55.28 5.81 -14.50	49.04 5.70 -9.82	43.41 4.91 -8.74
EAST_PULASKI___ESR 323781	26.30 -0.27 0.00	24.25 -0.24 0.00	22.26 -0.27 0.00	20.52 -0.27 0.00	19.69 -0.22 0.00	21.01 -0.23 0.00	24.37 -0.22 0.00	25.05 -0.23 0.00	29.03 -0.18 0.00	29.33 -0.30 0.00	31.23 -0.19 0.00	32.54 -0.26 0.00	33.22 -0.27 0.00	35.04 -0.21 0.00	40.19 -0.41 0.00	45.18 -0.60 0.00	55.06 -0.67 0.00	61.33 -0.49 0.00	57.50 -0.29 0.00	50.82 -0.05 0.00	39.97 -0.08 0.00	35.00 0.03 0.00	33.56 0.03 0.00	29.76 0.00 0.00
EAST_RIVER___1 323558	28.48 1.91 0.00	26.08 1.59 0.00	24.11 1.58 0.00	22.27 1.48 0.00	21.20 1.29 0.00	22.63 1.38 0.00	26.01 1.43 0.00	27.05 1.77 0.00	31.34 2.13 0.00	32.06 2.43 0.00	34.12 2.70 0.00	35.56 2.76 0.00	36.13 2.64 0.00	37.89 2.64 0.00	43.65 3.05 0.00	49.53 3.75 0.00	60.41 4.68 0.00	67.76 5.94 0.00	62.24 4.45 0.00	54.43 3.56 0.00	42.49 2.44 0.00	37.31 2.34 0.00	35.77 2.25 0.00	31.72 1.96 0.00
EAST_RIVER___2 323559	28.48 1.91 0.00	26.06 1.57 0.00	24.11 1.58 0.00	22.29 1.50 0.00	21.18 1.28 0.00	22.61 1.36 0.00	25.94 1.35 0.00	26.97 1.69 0.00	31.28 2.07 0.00	32.00 2.37 0.00	34.00 2.58 0.00	35.43 2.63 0.00	35.97 2.48 0.00	37.86 2.61 0.00	43.61 3.00 0.00	49.53 3.75 0.00	60.41 4.68 0.00	67.76 5.94 0.00	62.24 4.45 0.00	54.38 3.51 0.00	42.41 2.36 0.00	37.24 2.27 0.00	35.70 2.18 0.00	31.67 1.91 0.00
EAST___DELAWARE_HYD 23607	28.19 1.62 0.00	25.89 1.40 0.00	23.89 1.35 0.00	22.04 1.25 0.00	20.96 1.05 0.00	22.37 1.13 0.00	25.77 1.18 0.00	26.62 1.34 0.00	30.72 1.52 0.00	31.35 1.72 0.00	33.46 2.04 0.00	35.00 2.20 0.00	35.73 2.24 0.00	37.36 2.11 0.00	43.16 2.56 0.00	48.93 3.16 0.00	59.79 4.07 0.00	67.08 5.25 0.00	61.95 4.16 0.00	54.43 3.56 0.00	42.53 2.48 0.00	37.21 2.24 0.00	35.53 2.01 0.00	31.43 1.67 0.00
EIGHT_POINT___WT_PWR 323820	27.36 0.80 0.00	25.30 0.81 0.00	22.98 0.45 0.00	21.21 0.42 0.00	20.42 0.52 0.00	21.87 0.62 0.00	25.72 1.13 0.00	26.26 0.98 0.00	30.67 1.46 0.00	30.64 1.01 0.00	32.96 1.54 0.00	34.28 1.48 0.00	35.33 1.84 0.00	37.11 1.87 0.00	42.14 1.54 0.00	47.42 1.65 0.00	57.17 1.45 0.00	64.11 2.29 0.00	59.46 1.68 0.00	53.06 2.19 0.00	42.21 2.16 0.00	37.14 2.17 0.00	35.80 2.28 0.00	31.61 1.85 0.00
ELBRIDGE_115KV_TB2 80188	26.41 -0.16 0.00	24.37 -0.12 0.00	22.38 -0.16 0.00	20.65 -0.15 0.00	19.81 -0.10 0.00	21.14 -0.11 0.00	24.54 -0.05 0.00	25.28 0.00 0.00	29.35 0.15 0.00	29.63 0.00 0.00	31.55 0.13 0.00	33.00 0.20 0.00	33.76 0.27 0.00	35.64 0.39 0.00	41.01 0.41 0.00	46.19 0.41 0.00	56.17 0.45 0.00	62.44 0.62 0.00	58.31 0.52 0.00	51.33 0.46 0.00	40.53 0.48 0.00	35.46 0.49 0.00	33.96 0.44 0.00	30.03 0.27 0.00
ELEC_TRO_TEK 24086	34.11 2.26 -5.28	29.88 2.01 -3.38	25.76 1.89 -1.33	23.11 1.77 -0.55	22.03 1.57 -0.55	24.61 1.72 -1.64	30.19 1.89 -3.71	27.50 2.07 -0.15	32.13 2.45 -0.47	35.31 2.70 -2.98	38.47 2.89 -4.16	40.44 2.95 -4.69	40.56 2.91 -4.16	45.26 2.89 -7.13	54.83 3.29 -10.94	56.55 3.94 -6.84	65.96 4.96 -5.28	75.68 5.69 -8.17	73.79 4.80 -11.21	55.29 3.92 -0.50	46.54 3.00 -3.49	41.89 2.69 -4.23	40.26 2.72 -4.03	38.39 2.38 -6.25
ELLENBURG_WT_PWR 323604	27.13 0.56 0.00	24.96 0.46 0.00	22.89 0.36 0.00	21.06 0.27 0.00	20.18 0.28 0.00	21.52 0.28 0.00	24.98 0.39 0.00	25.51 0.23 0.00	29.09 -0.12 0.00	29.48 -0.15 0.00	31.04 -0.38 0.00	32.57 -0.23 0.00	33.42 -0.07 0.00	35.28 0.04 0.00	40.56 -0.04 0.00	45.27 -0.50 0.00	55.56 -0.17 0.00	61.02 -0.81 0.00	57.61 -0.17 0.00	50.11 -0.76 0.00	39.33 -0.72 0.00	33.89 -1.08 0.00	32.45 -1.07 0.00	28.87 -0.89 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	26.51 -0.05 0.00	24.59 0.10 0.00	22.44 -0.09 0.00	20.67 -0.12 0.00	19.97 0.06 0.00	21.27 0.02 0.00	24.93 0.34 0.00	25.43 0.15 0.00	29.94 0.73 0.00	29.72 0.09 0.00	31.58 0.16 0.00	33.16 0.36 0.00	34.19 0.70 0.00	36.34 1.09 0.00	40.93 0.32 0.00	45.87 0.09 0.00	54.94 -0.78 0.00	61.02 -0.80 0.00	57.21 -0.58 0.00	50.82 -0.05 0.00	40.33 0.28 0.00	35.77 0.80 0.00	34.93 1.41 0.00	30.71 0.95 0.00
EMPIRE_CC_1 323656	25.28 0.69 1.98	25.20 0.71 0.00	23.37 0.83 0.00	21.56 0.77 0.00	20.60 0.70 0.00	22.01 0.76 0.00	23.58 0.69 1.69	25.86 0.58 0.00	29.91 0.70 0.00	30.49 0.86 0.00	32.38 1.01 0.04	33.79 0.98 0.00	30.18 0.87 4.18	33.17 0.84 2.92	33.35 1.02 8.27	33.80 1.33 13.30	57.13 1.45 0.04	64.11 2.29 0.00	59.40 1.62 0.00	52.19 1.32 0.00	41.09 1.04 0.00	35.88 0.91 0.00	34.39 0.87 0.00	30.45 0.69 0.00
EMPIRE_CC_2 323658	25.28 0.69 1.98	25.20 0.71 0.00	23.37 0.83 0.00	21.56 0.77 0.00	20.60 0.70 0.00	22.01 0.76 0.00	23.58 0.69 1.69	25.86 0.58 0.00	29.91 0.70 0.00	30.49 0.86 0.00	32.38 1.01 0.04	33.79 0.98 0.00	30.18 0.87 4.18	33.17 0.84 2.92	33.35 1.02 8.27	33.80 1.33 13.30	57.13 1.45 0.04	64.11 2.29 0.00	59.40 1.62 0.00	52.19 1.32 0.00	41.09 1.04 0.00	35.88 0.91 0.00	34.39 0.87 0.00	30.45 0.69 0.00
ENORWICH_115KV_TB1 80156	28.48 1.91 0.00	26.23 1.74 0.00	23.98 1.44 0.00	22.14 1.35 0.00	21.22 1.31 0.00	22.69 1.44 0.00	26.31 1.72 0.00	27.00 1.72 0.00	31.22 2.02 0.00	31.38 1.75 0.00	33.68 2.26 0.00	35.13 2.33 0.00	36.00 2.51 0.00	38.10 2.86 0.00	43.73 3.13 0.00	49.16 3.39 0.00	60.35 4.63 0.00	67.45 5.63 0.00	63.56 5.78 0.00	56.47 5.60 0.00	44.37 4.33 0.00	38.75 3.78 0.00	36.81 3.29 0.00	32.35 2.59 0.00

ERIE_ST__34_KV_TB1-2 80199	26.81 0.24 0.00	24.79 0.29 0.00	22.60 0.07 0.00	20.83 0.04 0.00	20.14 0.24 0.00	21.48 0.23 0.00	25.13 0.54 0.00	25.76 0.48 0.00	30.26 1.05 0.00	30.10 0.47 0.00	32.08 0.66 0.00	33.69 0.89 0.00	34.76 1.27 0.00	36.98 1.73 0.00	41.66 1.06 0.00	46.78 1.01 0.00	56.11 0.39 0.00	62.32 0.49 0.00	58.36 0.58 0.00	51.68 0.81 0.00	40.97 0.92 0.00	36.30 1.33 0.00	35.30 1.78 0.00	31.04 1.28 0.00
ERIE_WT_PWR 323693	26.86 0.29 0.00	24.91 0.42 0.00	22.56 0.02 0.00	20.79 0.00 0.00	20.06 0.16 0.00	21.46 0.21 0.00	25.40 0.81 0.00	25.63 0.35 0.00	30.11 0.91 0.00	29.93 0.30 0.00	32.05 0.63 0.00	33.42 0.62 0.00	34.56 1.07 0.00	36.38 1.13 0.00	41.29 0.69 0.00	46.37 0.59 0.00	55.50 -0.22 0.00	62.01 0.19 0.00	57.50 -0.29 0.00	51.48 0.61 0.00	41.13 1.08 0.00	36.12 1.15 0.00	35.30 1.78 0.00	31.07 1.31 0.00
ESPRGFLD_115KV_TB1 80157	28.43 1.86 0.00	26.16 1.67 0.00	24.02 1.49 0.00	22.16 1.37 0.00	21.24 1.33 0.00	22.74 1.49 0.00	26.33 1.75 0.00	27.07 1.79 0.00	31.34 2.13 0.00	31.73 2.10 0.00	33.84 2.42 0.00	35.36 2.56 0.00	36.17 2.68 0.00	38.14 2.89 0.00	44.01 3.41 0.00	49.44 3.66 0.00	60.35 4.63 0.00	67.26 5.44 0.00	62.93 5.14 0.00	55.60 4.73 0.00	43.97 3.92 0.00	38.33 3.36 0.00	36.44 2.92 0.00	32.14 2.38 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	27.15 0.58 0.00	25.03 0.54 0.00	22.96 0.43 0.00	21.19 0.40 0.00	20.32 0.42 0.00	21.72 0.47 0.00	25.23 0.64 0.00	25.99 0.71 0.00	30.11 0.91 0.00	30.34 0.71 0.00	32.43 1.01 0.00	33.85 1.05 0.00	34.66 1.17 0.00	36.55 1.30 0.00	41.94 1.34 0.00	47.24 1.46 0.00	57.62 1.89 0.00	64.17 2.35 0.00	60.10 2.31 0.00	53.06 2.19 0.00	41.85 1.80 0.00	36.61 1.64 0.00	34.96 1.44 0.00	30.89 1.13 0.00
ETNA____115KV_TB2 80207	27.15 0.58 0.00	25.03 0.54 0.00	22.96 0.43 0.00	21.19 0.40 0.00	20.32 0.42 0.00	21.72 0.47 0.00	25.23 0.64 0.00	25.99 0.71 0.00	30.11 0.91 0.00	30.34 0.71 0.00	32.43 1.01 0.00	33.85 1.05 0.00	34.66 1.17 0.00	36.55 1.30 0.00	41.94 1.34 0.00	47.24 1.46 0.00	57.62 1.89 0.00	64.17 2.35 0.00	60.10 2.31 0.00	53.06 2.19 0.00	41.85 1.80 0.00	36.61 1.64 0.00	34.96 1.44 0.00	30.89 1.13 0.00
EUCLID____115KV_TB2 356179	26.17 -0.40 0.00	24.15 -0.34 0.00	22.17 -0.36 0.00	20.46 -0.33 0.00	19.63 -0.28 0.00	20.93 -0.32 0.00	24.29 -0.30 0.00	25.03 -0.25 0.00	29.00 -0.20 0.00	29.30 -0.33 0.00	31.23 -0.19 0.00	32.64 -0.16 0.00	33.42 -0.07 0.00	35.25 0.00 0.00	40.44 -0.16 0.00	45.59 -0.18 0.00	55.39 -0.33 0.00	61.58 -0.25 0.00	57.50 -0.29 0.00	50.67 -0.20 0.00	39.93 -0.12 0.00	34.97 0.00 0.00	33.49 -0.03 0.00	29.61 -0.15 0.00
E_CANADA_CAP_HY 24051	28.91 2.34 0.00	26.60 2.11 0.00	24.49 1.96 0.00	22.56 1.77 0.00	21.62 1.71 0.00	23.16 1.91 0.00	26.82 2.24 0.00	27.53 2.25 0.00	31.89 2.69 0.00	32.30 2.67 0.00	34.44 3.02 0.00	35.88 3.08 0.00	36.67 3.18 0.00	38.74 3.49 0.00	44.74 4.14 0.00	50.08 4.30 0.00	61.24 5.52 0.00	68.69 6.86 0.00	64.03 6.24 0.00	56.67 5.80 0.00	45.06 5.01 0.00	39.16 4.19 0.00	37.18 3.65 0.00	32.71 2.95 0.00
E_CANADA_MHWK_HY 24050	26.28 -0.29 0.00	24.20 -0.29 0.00	22.24 -0.29 0.00	20.50 -0.29 0.00	19.61 -0.30 0.00	20.93 -0.32 0.00	24.22 -0.37 0.00	24.92 -0.35 0.00	28.80 -0.41 0.00	29.24 -0.39 0.00	31.20 -0.22 0.00	32.57 -0.23 0.00	33.26 -0.23 0.00	34.75 -0.49 0.00	39.95 -0.65 0.00	45.00 -0.78 0.00	54.89 -0.83 0.00	61.15 -0.68 0.00	57.15 -0.63 0.00	50.41 -0.46 0.00	39.65 -0.40 0.00	34.73 -0.24 0.00	33.22 -0.30 0.00	29.46 -0.30 0.00
E_FISHKILL____LBMP 23776	28.05 1.49 0.00	25.82 1.32 0.00	23.82 1.28 0.00	22.00 1.21 0.00	20.96 1.05 0.00	22.42 1.17 0.00	25.82 1.23 0.00	26.62 1.34 0.00	30.78 1.58 0.00	31.44 1.81 0.00	33.43 2.01 0.00	34.90 2.10 0.00	35.50 2.01 0.00	37.19 1.94 0.00	42.92 2.31 0.00	48.61 2.84 0.00	59.24 3.51 0.00	65.90 4.08 0.00	61.14 3.35 0.00	53.57 2.70 0.00	42.09 2.04 0.00	36.79 1.82 0.00	35.27 1.74 0.00	31.28 1.52 0.00
FALCON____SEABRD_CC1 323796	27.44 0.88 0.00	25.25 0.76 0.00	23.14 0.61 0.00	21.31 0.52 0.00	20.42 0.52 0.00	21.78 0.53 0.00	25.30 0.71 0.00	25.83 0.56 0.00	29.44 0.23 0.00	29.84 0.21 0.00	31.39 -0.03 0.00	32.97 0.16 0.00	33.86 0.37 0.00	35.78 0.53 0.00	41.09 0.49 0.00	45.87 0.09 0.00	56.34 0.61 0.00	61.89 0.06 0.00	58.48 0.70 0.00	50.82 -0.05 0.00	39.89 -0.16 0.00	34.34 -0.63 0.00	32.85 -0.67 0.00	29.23 -0.53 0.00
FALCON____SEABRD_CC2 323797	27.44 0.88 0.00	25.25 0.76 0.00	23.14 0.61 0.00	21.31 0.52 0.00	20.42 0.52 0.00	21.78 0.53 0.00	25.30 0.71 0.00	25.83 0.56 0.00	29.44 0.23 0.00	29.84 0.21 0.00	31.39 -0.03 0.00	32.97 0.16 0.00	33.86 0.37 0.00	35.78 0.53 0.00	41.09 0.49 0.00	45.87 0.09 0.00	56.34 0.61 0.00	61.89 0.06 0.00	58.48 0.70 0.00	50.82 -0.05 0.00	39.89 -0.16 0.00	34.34 -0.63 0.00	32.85 -0.67 0.00	29.23 -0.53 0.00
FAR ROCKAWAY____4 23548	34.56 2.71 -5.28	30.27 2.40 -3.38	26.12 2.25 -1.33	23.42 2.08 -0.55	22.33 1.87 -0.55	24.92 2.04 -1.64	30.53 2.24 -3.71	27.88 2.45 -0.15	32.60 2.92 -0.47	35.81 3.20 -2.98	39.13 3.55 -4.16	41.10 3.61 -4.69	41.26 3.62 -4.16	46.08 3.70 -7.13	55.77 4.22 -10.94	57.65 5.04 -6.84	67.24 6.24 -5.28	77.10 7.11 -8.17	75.12 6.13 -11.21	56.46 5.09 -0.50	47.50 3.96 -3.49	42.70 3.50 -4.23	41.00 3.45 -4.03	39.11 3.10 -6.25
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	28.53 1.97 0.00	26.21 1.71 0.00	24.13 1.60 0.00	22.29 1.50 0.00	21.22 1.31 0.00	22.67 1.42 0.00	26.11 1.52 0.00	27.07 1.79 0.00	31.40 2.19 0.00	32.09 2.46 0.00	34.15 2.73 0.00	35.59 2.79 0.00	36.20 2.71 0.00	37.96 2.71 0.00	43.77 3.17 0.00	49.58 3.80 0.00	60.52 4.79 0.00	67.26 5.44 0.00	62.29 4.51 0.00	54.43 3.56 0.00	42.73 2.68 0.00	37.35 2.38 0.00	35.84 2.31 0.00	31.78 2.02 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	28.56 1.99 0.00	26.21 1.71 0.00	24.16 1.62 0.00	22.29 1.50 0.00	21.22 1.31 0.00	22.69 1.44 0.00	26.11 1.52 0.00	27.07 1.79 0.00	31.40 2.19 0.00	32.09 2.46 0.00	34.15 2.73 0.00	35.59 2.79 0.00	36.20 2.71 0.00	37.96 2.71 0.00	43.77 3.17 0.00	49.58 3.80 0.00	60.52 4.79 0.00	67.26 5.44 0.00	62.29 4.51 0.00	54.43 3.56 0.00	42.73 2.68 0.00	37.35 2.38 0.00	35.87 2.35 0.00	31.81 2.05 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	28.53 1.97 0.00	26.18 1.69 0.00	24.13 1.60 0.00	22.27 1.48 0.00	21.20 1.29 0.00	22.67 1.42 0.00	26.09 1.50 0.00	27.05 1.77 0.00	31.37 2.16 0.00	32.09 2.46 0.00	34.12 2.70 0.00	35.59 2.79 0.00	36.20 2.71 0.00	37.93 2.68 0.00	43.73 3.13 0.00	49.53 3.75 0.00	60.46 4.74 0.00	67.20 5.38 0.00	62.24 4.45 0.00	54.38 3.51 0.00	42.69 2.64 0.00	37.31 2.34 0.00	35.84 2.31 0.00	31.75 1.99 0.00

FARRAGUT___LBMP 323566	28.51 1.94 0.00	26.16 1.67 0.00	24.11 1.58 0.00	22.27 1.48 0.00	21.18 1.27 0.00	22.65 1.40 0.00	26.06 1.48 0.00	27.02 1.74 0.00	31.34 2.13 0.00	32.03 2.40 0.00	34.09 2.67 0.00	35.52 2.72 0.00	36.13 2.65 0.00	37.86 2.61 0.00	43.65 3.05 0.00	49.48 3.71 0.00	60.41 4.68 0.00	67.14 5.32 0.00	62.12 4.33 0.00	54.33 3.46 0.00	42.65 2.60 0.00	37.28 2.31 0.00	35.80 2.28 0.00	31.75 1.99 0.00
FENNER___WINDPWR 24204	27.05 0.48 0.00	24.91 0.42 0.00	22.85 0.32 0.00	21.08 0.29 0.00	20.20 0.30 0.00	21.59 0.34 0.00	25.03 0.44 0.00	25.73 0.46 0.00	29.76 0.55 0.00	30.13 0.50 0.00	32.17 0.75 0.00	33.59 0.79 0.00	34.39 0.90 0.00	36.13 0.88 0.00	41.70 1.10 0.00	46.96 1.19 0.00	57.28 1.56 0.00	63.86 2.04 0.00	59.63 1.85 0.00	52.65 1.78 0.00	41.45 1.40 0.00	36.16 1.19 0.00	34.56 1.04 0.00	30.53 0.77 0.00
FIBERTEK___ENERGY 23856	26.46 -0.11 0.00	24.42 -0.07 0.00	22.42 -0.11 0.00	20.69 -0.10 0.00	19.83 -0.08 0.00	21.16 -0.08 0.00	24.56 -0.02 0.00	25.33 0.05 0.00	29.41 0.20 0.00	29.69 0.06 0.00	31.70 0.28 0.00	33.13 0.33 0.00	33.92 0.44 0.00	35.78 0.53 0.00	41.17 0.57 0.00	46.37 0.60 0.00	56.39 0.67 0.00	62.69 0.87 0.00	58.54 0.75 0.00	51.53 0.66 0.00	40.65 0.60 0.00	35.56 0.59 0.00	34.03 0.50 0.00	30.09 0.33 0.00
FITZPATRICK____ 23598	25.80 -0.77 0.00	23.81 -0.69 0.00	21.86 -0.68 0.00	20.17 -0.62 0.00	19.35 -0.56 0.00	20.63 -0.62 0.00	23.95 -0.64 0.00	24.60 -0.68 0.00	28.48 -0.73 0.00	28.80 -0.83 0.00	30.67 -0.75 0.00	32.01 -0.79 0.00	32.75 -0.74 0.00	34.47 -0.78 0.00	39.67 -0.93 0.00	44.68 -1.10 0.00	54.33 -1.39 0.00	60.46 -1.36 0.00	56.34 -1.44 0.00	49.70 -1.17 0.00	39.21 -0.84 0.00	34.23 -0.74 0.00	32.85 -0.67 0.00	29.11 -0.65 0.00
FLOWFLD_69_KV_BK1 356044	34.93 3.08 -5.28	30.69 2.82 -3.38	26.52 2.64 -1.35	23.83 2.47 -0.57	22.80 2.27 -0.63	25.34 2.44 -1.65	31.15 2.78 -3.79	28.44 2.93 -0.23	35.62 3.45 -2.97	39.22 3.70 -5.89	41.69 3.74 -6.53	43.12 3.67 -6.64	55.03 3.52 -18.02	72.92 3.52 -34.15	125.48 3.94 -80.95	313.95 4.85 -263.32	317.71 6.07 -255.91	335.03 6.99 -266.22	309.50 6.01 -245.70	302.99 5.04 -247.08	152.26 3.76 -108.45	56.18 3.32 -17.89	45.78 3.49 -8.77	42.16 3.24 -9.16
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	28.35 1.78 0.00	26.06 1.57 0.00	24.04 1.51 0.00	22.18 1.39 0.00	21.08 1.17 0.00	22.54 1.30 0.00	25.99 1.40 0.00	26.77 1.49 0.00	30.96 1.75 0.00	31.64 2.01 0.00	33.71 2.29 0.00	35.26 2.46 0.00	36.07 2.58 0.00	37.82 2.57 0.00	43.77 3.17 0.00	49.58 3.80 0.00	60.18 4.46 0.00	67.08 5.26 0.00	62.18 4.39 0.00	54.53 3.66 0.00	42.81 2.76 0.00	37.35 2.38 0.00	35.73 2.21 0.00	31.61 1.85 0.00
FORT ORANGE____ 23900	25.90 0.77 1.44	25.18 0.68 0.00	23.28 0.74 0.00	21.48 0.69 0.00	20.56 0.66 0.00	21.99 0.74 0.00	24.08 0.74 1.24	25.93 0.66 0.00	29.99 0.79 0.00	30.55 0.92 0.00	32.52 1.13 0.03	33.92 1.12 0.00	31.31 0.87 3.04	34.00 0.88 2.13	35.68 1.10 6.02	37.51 1.42 9.68	57.36 1.67 0.03	64.30 2.48 0.00	59.58 1.79 0.00	52.50 1.63 0.00	41.33 1.28 0.00	36.09 1.12 0.00	34.63 1.10 0.00	30.59 0.83 0.00
FORT_DRUM_COGEN 23780	26.99 0.43 0.00	24.86 0.37 0.00	22.76 0.23 0.00	20.90 0.10 0.00	20.12 0.22 0.00	21.48 0.23 0.00	24.86 0.27 0.00	25.46 0.18 0.00	29.26 0.06 0.00	29.60 -0.03 0.00	31.42 0.00 0.00	32.80 0.00 0.00	33.39 -0.10 0.00	35.18 -0.07 0.00	40.40 -0.20 0.00	45.18 -0.60 0.00	55.45 -0.28 0.00	61.95 0.12 0.00	58.83 1.04 0.00	52.35 1.48 0.00	40.85 0.80 0.00	35.63 0.66 0.00	34.29 0.77 0.00	30.27 0.51 0.00
FPL_FAR_ROCK_GT1 24212	34.54 2.68 -5.29	30.22 2.35 -3.38	26.12 2.25 -1.33	23.43 2.08 -0.56	22.33 1.87 -0.55	24.90 2.02 -1.64	30.48 2.19 -3.71	27.88 2.45 -0.15	32.60 2.92 -0.47	35.81 3.20 -2.98	39.13 3.55 -4.16	41.10 3.61 -4.69	41.23 3.59 -4.16	46.04 3.67 -7.13	55.77 4.22 -10.95	57.70 5.08 -6.84	67.24 6.24 -5.28	77.66 7.66 -8.17	75.18 6.19 -11.21	56.57 5.19 -0.50	47.35 3.81 -3.49	42.70 3.50 -4.24	40.97 3.42 -4.03	39.08 3.07 -6.26
FPL_FAR_ROCK_GT2 23815	34.54 2.68 -5.29	30.22 2.35 -3.38	26.12 2.25 -1.33	23.43 2.08 -0.56	22.33 1.87 -0.55	24.90 2.02 -1.64	30.48 2.19 -3.71	27.88 2.45 -0.15	32.60 2.92 -0.47	35.81 3.20 -2.98	39.13 3.55 -4.16	41.10 3.61 -4.69	41.23 3.59 -4.16	46.04 3.67 -7.13	55.77 4.22 -10.95	57.70 5.08 -6.84	67.24 6.24 -5.28	77.66 7.66 -8.17	75.18 6.19 -11.21	56.57 5.19 -0.50	47.35 3.81 -3.49	42.70 3.50 -4.24	40.97 3.42 -4.03	39.08 3.07 -6.26
FRANKLIN_FALL_HYD 24054	27.10 0.53 0.00	24.93 0.44 0.00	22.87 0.34 0.00	21.04 0.25 0.00	20.18 0.28 0.00	21.52 0.28 0.00	25.03 0.44 0.00	25.61 0.33 0.00	29.51 -0.06 0.00	29.15 -0.12 0.00	31.11 -0.31 0.00	32.57 -0.23 0.00	33.46 -0.03 0.00	35.25 0.00 0.00	40.56 -0.04 0.00	45.36 -0.41 0.00	55.56 -0.17 0.00	61.45 -0.37 0.00	57.73 -0.06 0.00	50.36 -0.51 0.00	39.53 -0.52 0.00	34.13 -0.84 0.00	32.79 -0.74 0.00	29.14 -0.62 0.00
FREEPORT_EQUS_GT1 23764	34.40 2.55 -5.29	30.10 2.23 -3.38	26.01 2.14 -1.33	23.34 2.00 -0.55	22.25 1.79 -0.55	24.82 1.93 -1.64	30.39 2.09 -3.71	27.78 2.35 -0.15	32.48 2.80 -0.47	35.66 3.05 -2.98	38.84 3.27 -4.16	40.90 3.41 -4.69	40.99 3.35 -4.16	45.58 3.21 -7.13	55.24 3.69 -10.94	57.10 4.49 -6.84	66.57 5.57 -5.28	76.98 6.98 -8.17	74.54 5.55 -11.21	56.05 4.68 -0.50	46.90 3.36 -3.49	42.45 3.25 -4.23	40.74 3.19 -4.03	38.78 2.77 -6.25
FREEPORT___CT2 23818	34.40 2.55 -5.29	30.10 2.23 -3.38	26.01 2.14 -1.33	23.34 2.00 -0.55	22.25 1.79 -0.55	24.82 1.93 -1.64	30.39 2.09 -3.71	27.78 2.35 -0.15	32.48 2.80 -0.47	35.66 3.05 -2.98	38.84 3.27 -4.16	40.90 3.41 -4.69	40.99 3.35 -4.16	45.58 3.21 -7.13	55.24 3.69 -10.94	57.10 4.49 -6.84	66.57 5.57 -5.28	76.98 6.98 -8.17	74.54 5.55 -11.21	56.05 4.68 -0.50	46.90 3.36 -3.49	42.45 3.25 -4.23	40.74 3.19 -4.03	38.78 2.77 -6.25
FRESHKLS_33_KV_LOAD 356253	28.75 2.18 -0.01	26.31 1.81 0.00	24.20 1.67 0.00	22.29 1.50 0.00	21.18 1.27 0.00	22.57 1.32 0.00	25.86 1.28 0.01	26.84 1.57 0.01	31.27 2.07 0.01	32.05 2.43 0.01	34.21 2.80 0.01	35.68 2.89 0.01	35.88 2.78 0.39	38.12 2.82 -0.06	43.73 3.13 0.00	49.77 3.94 -0.06	77.48 5.02 -16.74	76.43 5.56 -9.04	76.92 4.68 -14.46	73.49 3.71 -18.90	42.77 2.72 0.00	37.54 2.52 -0.06	37.85 2.58 -1.74	31.95 2.17 -0.02
FULTON COGEN____ 23766	26.09 -0.48 0.00	24.05 -0.44 0.00	22.11 -0.43 0.00	20.40 -0.40 0.00	19.57 -0.34 0.00	20.87 -0.38 0.00	24.22 -0.37 0.00	24.95 -0.33 0.00	28.97 -0.23 0.00	29.27 -0.36 0.00	31.20 -0.22 0.00	32.57 -0.23 0.00	33.32 -0.17 0.00	35.14 -0.11 0.00	40.36 -0.24 0.00	45.46 -0.32 0.00	55.33 -0.39 0.00	61.52 -0.31 0.00	57.44 -0.35 0.00	50.67 -0.20 0.00	39.93 -0.12 0.00	34.94 -0.03 0.00	33.46 -0.07 0.00	29.64 -0.12 0.00



FULTON___LFGE 323630	29.41 2.84 0.00	27.04 2.55 0.00	24.90 2.37 0.00	22.91 2.12 0.00	21.98 2.07 0.00	23.54 2.30 0.00	27.19 2.60 0.00	27.88 2.60 0.00	32.27 3.07 0.00	32.62 2.99 0.00	35.66 4.24 0.00	37.13 4.33 0.00	38.01 4.52 0.00	39.13 3.88 0.00	45.11 4.51 0.00	50.72 4.95 0.00	62.30 6.57 0.00	70.11 8.29 0.00	65.58 7.80 0.00	58.20 7.33 0.00	46.21 6.17 0.00	40.11 5.14 0.00	38.12 4.59 0.00	33.45 3.69 0.00
G.F.CEMENT___DRP 24184	29.45 1.73 -1.16	26.06 1.57 0.00	24.02 1.49 0.00	22.12 1.33 0.00	21.18 1.27 0.00	22.67 1.42 0.00	27.22 1.65 -0.99	26.85 1.57 0.00	31.16 1.96 0.00	31.70 2.07 0.00	33.67 2.23 -0.02	35.13 2.33 0.00	38.02 2.08 -2.45	39.32 2.36 -1.71	48.29 2.84 -4.84	56.96 3.39 -7.79	59.87 4.12 -0.03	66.77 4.95 0.00	62.58 4.80 0.00	55.25 4.37 0.00	43.97 3.92 0.00	38.19 3.22 0.00	36.27 2.75 0.00	31.90 2.14 0.00
GARDENVILLE___LBMP 24039	26.62 0.05 0.00	24.67 0.17 0.00	22.49 -0.05 0.00	20.73 -0.06 0.00	20.02 0.12 0.00	21.33 0.08 0.00	24.98 0.39 0.00	25.51 0.23 0.00	30.02 0.82 0.00	29.81 0.18 0.00	31.70 0.28 0.00	33.29 0.49 0.00	34.33 0.84 0.00	36.48 1.23 0.00	41.09 0.49 0.00	46.05 0.27 0.00	55.17 -0.56 0.00	61.33 -0.49 0.00	57.50 -0.29 0.00	51.02 0.15 0.00	40.49 0.44 0.00	35.95 0.98 0.00	35.03 1.51 0.00	30.80 1.04 0.00
GARDNVLA_35_KV_LD 355827	26.73 0.16 0.00	24.76 0.27 0.00	22.58 0.05 0.00	20.81 0.02 0.00	20.08 0.18 0.00	21.42 0.17 0.00	25.08 0.49 0.00	25.63 0.35 0.00	30.17 0.96 0.00	29.95 0.33 0.00	31.86 0.44 0.00	33.49 0.69 0.00	34.53 1.04 0.00	36.73 1.48 0.00	41.37 0.77 0.00	46.42 0.64 0.00	55.61 -0.11 0.00	61.76 -0.06 0.00	57.90 0.12 0.00	51.38 0.51 0.00	40.77 0.72 0.00	36.16 1.19 0.00	35.27 1.74 0.00	30.98 1.22 0.00
GELCKHM___115KV_LOAD 80723	26.27 -0.29 0.00	24.25 -0.24 0.00	22.26 -0.27 0.00	20.54 -0.25 0.00	19.69 -0.22 0.00	21.01 -0.23 0.00	24.39 -0.20 0.00	25.13 -0.15 0.00	29.15 -0.06 0.00	29.45 -0.18 0.00	31.39 -0.03 0.00	32.80 0.00 0.00	33.59 0.10 0.00	35.42 0.18 0.00	40.72 0.12 0.00	45.87 0.09 0.00	55.78 0.06 0.00	62.01 0.19 0.00	57.90 0.12 0.00	51.02 0.15 0.00	40.21 0.16 0.00	35.18 0.21 0.00	33.69 0.17 0.00	29.79 0.03 0.00
GENERAL___MILLS 23808	26.67 0.11 0.00	24.71 0.22 0.00	22.56 0.02 0.00	20.77 -0.02 0.00	20.06 0.16 0.00	21.40 0.15 0.00	25.05 0.47 0.00	25.58 0.30 0.00	30.08 0.88 0.00	29.90 0.27 0.00	31.80 0.38 0.00	33.39 0.59 0.00	34.43 0.94 0.00	36.62 1.37 0.00	41.21 0.61 0.00	46.23 0.46 0.00	55.39 -0.33 0.00	61.52 -0.31 0.00	57.67 -0.12 0.00	51.18 0.31 0.00	40.61 0.56 0.00	36.05 1.08 0.00	35.17 1.64 0.00	30.89 1.13 0.00
GE_PLASTICS___DRP 24183	26.33 0.77 1.01	25.20 0.71 0.00	23.25 0.72 0.00	21.46 0.67 0.00	20.54 0.64 0.00	21.93 0.68 0.00	24.43 0.71 0.87	25.91 0.63 0.00	29.97 0.76 0.00	30.52 0.89 0.00	32.44 1.04 0.02	33.85 1.05 0.00	32.00 0.64 2.13	34.36 0.60 1.49	37.25 0.85 4.21	40.06 1.05 6.77	56.93 1.23 0.02	63.31 1.48 0.00	58.94 1.16 0.00	51.94 1.07 0.00	40.97 0.92 0.00	35.74 0.77 0.00	34.49 0.97 0.00	30.53 0.77 0.00
GILBOA___1 23756	27.39 0.82 0.00	25.25 0.76 0.00	23.28 0.74 0.00	21.50 0.71 0.00	20.54 0.64 0.00	21.93 0.68 0.00	25.30 0.71 0.00	26.04 0.76 0.00	30.08 0.88 0.00	30.64 1.01 0.00	32.55 1.13 0.00	33.95 1.15 0.00	34.56 1.07 0.00	36.34 1.09 0.00	41.86 1.26 0.00	47.38 1.60 0.00	57.51 1.78 0.00	64.11 2.29 0.00	59.40 1.62 0.00	52.35 1.48 0.00	41.25 1.20 0.00	36.06 1.09 0.00	34.56 1.04 0.00	30.62 0.86 0.00
GILBOA___2 23757	27.39 0.82 0.00	25.25 0.76 0.00	23.28 0.74 0.00	21.50 0.71 0.00	20.54 0.64 0.00	21.93 0.68 0.00	25.30 0.71 0.00	26.04 0.76 0.00	30.08 0.88 0.00	30.64 1.01 0.00	32.55 1.13 0.00	33.95 1.15 0.00	34.56 1.07 0.00	36.34 1.09 0.00	41.86 1.26 0.00	47.38 1.60 0.00	57.51 1.78 0.00	64.11 2.29 0.00	59.40 1.62 0.00	52.35 1.48 0.00	41.25 1.20 0.00	36.06 1.09 0.00	34.56 1.04 0.00	30.62 0.86 0.00
GILBOA___3 23758	27.39 0.82 0.00	25.25 0.76 0.00	23.28 0.74 0.00	21.50 0.71 0.00	20.54 0.64 0.00	21.93 0.68 0.00	25.30 0.71 0.00	26.04 0.76 0.00	30.08 0.88 0.00	30.64 1.01 0.00	32.55 1.13 0.00	33.95 1.15 0.00	34.56 1.07 0.00	36.34 1.09 0.00	41.86 1.26 0.00	47.38 1.60 0.00	57.51 1.78 0.00	64.11 2.29 0.00	59.40 1.62 0.00	52.35 1.48 0.00	41.25 1.20 0.00	36.06 1.09 0.00	34.56 1.04 0.00	30.62 0.86 0.00
GILBOA___4 23759	27.39 0.82 0.00	25.25 0.76 0.00	23.28 0.74 0.00	21.50 0.71 0.00	20.54 0.64 0.00	21.93 0.68 0.00	25.30 0.71 0.00	26.04 0.76 0.00	30.08 0.88 0.00	30.64 1.01 0.00	32.55 1.13 0.00	33.95 1.15 0.00	34.56 1.07 0.00	36.34 1.09 0.00	41.86 1.26 0.00	47.38 1.60 0.00	57.51 1.78 0.00	64.11 2.29 0.00	59.40 1.62 0.00	52.35 1.48 0.00	41.25 1.20 0.00	36.06 1.09 0.00	34.56 1.04 0.00	30.62 0.86 0.00
GILBOA___ 23599	27.39 0.82 0.00	25.28 0.78 0.00	23.28 0.74 0.00	21.50 0.71 0.00	20.54 0.64 0.00	21.95 0.70 0.00	25.32 0.74 0.00	26.04 0.76 0.00	30.08 0.88 0.00	30.64 1.01 0.00	32.55 1.13 0.00	33.95 1.15 0.00	34.59 1.11 0.00	36.34 1.09 0.00	41.90 1.30 0.00	47.33 1.56 0.00	57.51 1.78 0.00	63.80 1.98 0.00	59.40 1.62 0.00	52.30 1.42 0.00	41.29 1.24 0.00	36.05 1.08 0.00	34.56 1.04 0.00	30.62 0.86 0.00
GINNA___ 23603	25.35 -1.22 0.00	23.44 -1.05 0.00	21.36 -1.17 0.00	19.65 -1.14 0.00	18.87 -1.04 0.00	20.17 -1.08 0.00	23.73 -0.86 0.00	24.22 -1.06 0.00	28.24 -0.96 0.00	28.39 -1.24 0.00	30.35 -1.07 0.00	31.75 -1.05 0.00	32.65 -0.84 0.00	34.47 -0.78 0.00	39.42 -1.18 0.00	44.31 -1.47 0.00	53.72 -2.00 0.00	60.03 -1.79 0.00	55.82 -1.96 0.00	49.39 -1.48 0.00	39.13 -0.92 0.00	34.20 -0.77 0.00	33.09 -0.44 0.00	29.11 -0.65 0.00
GLEN PARK___ 23778	27.13 0.56 0.00	24.98 0.49 0.00	22.87 0.34 0.00	20.98 0.19 0.00	20.20 0.30 0.00	21.59 0.34 0.00	24.98 0.39 0.00	25.56 0.28 0.00	29.38 0.18 0.00	29.75 0.12 0.00	31.58 0.16 0.00	32.97 0.16 0.00	33.56 0.07 0.00	35.28 0.04 0.00	40.60 0.00 0.00	45.36 -0.41 0.00	55.72 0.00 0.00	62.32 0.49 0.00	59.12 1.33 0.00	52.70 1.83 0.00	41.25 1.20 0.00	35.95 0.98 0.00	34.53 1.00 0.00	30.45 0.69 0.00
GLENDALE_27_KV_LOAD 356172	28.75 2.18 0.00	26.33 1.84 0.00	24.27 1.74 0.00	22.39 1.60 0.00	21.30 1.39 0.00	22.78 1.53 0.00	26.16 1.57 0.00	27.12 1.85 0.00	31.54 2.34 0.00	32.27 2.64 0.00	34.44 3.02 -0.01	35.93 3.12 -0.01	36.47 2.98 0.00	38.21 2.96 0.00	43.89 3.29 0.00	49.80 4.03 0.00	56.39 5.02 4.35	67.45 5.63 0.00	56.41 4.74 6.11	49.74 3.76 4.89	42.85 2.80 0.00	37.59 2.62 0.00	36.17 2.65 0.00	32.02 2.26 0.00

GLENWOOD_IC_1_G5 23712	34.08 2.23 -5.28	29.86 1.98 -3.38	25.73 1.87 -1.33	23.07 1.73 -0.55	22.01 1.55 -0.55	24.58 1.70 -1.64	30.14 1.84 -3.71	27.50 2.07 -0.15	32.13 2.45 -0.47	35.25 2.64 -2.98	38.53 2.95 -4.16	40.57 3.08 -4.69	40.69 3.05 -4.16	45.44 3.07 -7.13	55.08 3.53 -10.94	56.74 4.12 -6.84	66.13 5.13 -5.28	75.87 5.87 -8.17	73.91 4.91 -11.21	55.39 4.02 -0.50	46.58 3.04 -3.49	41.86 2.66 -4.23	40.10 2.55 -4.03	38.24 2.23 -6.25
GLENWOOD_IC_2_G1 23688	33.87 2.02 -5.28	29.61 1.74 -3.38	25.57 1.71 -1.33	22.92 1.58 -0.55	21.87 1.41 -0.55	24.42 1.53 -1.64	29.89 1.60 -3.71	27.30 1.87 -0.15	31.89 2.22 -0.47	35.10 2.49 -2.98	38.34 2.77 -4.16	40.34 2.85 -4.69	40.42 2.78 -4.16	45.16 2.78 -7.13	54.75 3.21 -10.94	56.55 3.94 -6.84	65.85 4.85 -5.28	76.11 6.12 -8.17	73.74 4.74 -11.21	55.24 3.86 -0.50	46.26 2.72 -3.49	41.75 2.55 -4.23	40.00 2.45 -4.03	38.13 2.11 -6.25
GLENWOOD_IC_3_G1 23689	33.87 2.02 -5.28	29.61 1.74 -3.38	25.57 1.71 -1.33	22.92 1.58 -0.55	21.87 1.41 -0.55	24.42 1.53 -1.64	29.89 1.60 -3.71	27.30 1.87 -0.15	31.89 2.22 -0.47	35.10 2.49 -2.98	38.34 2.77 -4.16	40.34 2.85 -4.69	40.42 2.78 -4.16	45.16 2.78 -7.13	54.75 3.21 -10.94	56.55 3.94 -6.84	65.85 4.85 -5.28	76.11 6.12 -8.17	73.74 4.74 -11.21	55.24 3.86 -0.50	46.26 2.72 -3.49	41.75 2.55 -4.23	40.00 2.45 -4.03	38.13 2.11 -6.25
GLENWOOD___4 23550	34.08 2.23 -5.28	29.86 1.98 -3.38	25.73 1.87 -1.33	23.07 1.73 -0.55	22.01 1.55 -0.55	24.58 1.70 -1.64	30.14 1.84 -3.71	27.50 2.07 -0.15	32.13 2.45 -0.47	35.31 2.70 -2.98	38.56 2.98 -4.16	40.60 3.12 -4.69	40.73 3.08 -4.16	45.48 3.10 -7.13	55.16 3.61 -10.94	56.83 4.21 -6.84	66.29 5.29 -5.28	76.05 6.06 -8.17	74.08 5.09 -11.21	55.49 4.12 -0.50	46.66 3.12 -3.49	41.96 2.76 -4.23	40.20 2.65 -4.03	38.30 2.29 -6.25
GLENWOOD___5 23614	34.08 2.23 -5.28	29.86 1.98 -3.38	25.73 1.87 -1.33	23.07 1.73 -0.55	22.01 1.55 -0.55	24.58 1.70 -1.64	30.14 1.84 -3.71	27.50 2.07 -0.15	32.13 2.45 -0.47	35.31 2.70 -2.98	38.56 2.98 -4.16	40.60 3.12 -4.69	40.73 3.08 -4.16	45.48 3.10 -7.13	55.16 3.61 -10.94	56.83 4.21 -6.84	66.29 5.29 -5.28	76.05 6.06 -8.17	74.08 5.09 -11.21	55.49 4.12 -0.50	46.66 3.12 -3.49	41.96 2.76 -4.23	40.20 2.65 -4.03	38.30 2.29 -6.25
GLOBAL GREEN_PORT_GT1 23814	36.13 4.28 -5.28	31.77 3.89 -3.38	27.59 3.72 -1.34	24.85 3.49 -0.56	23.76 3.25 -0.61	26.36 3.46 -1.65	32.36 4.01 -3.77	29.78 4.30 -0.20	36.66 5.11 -2.35	40.30 5.51 -5.17	43.26 5.90 -5.94	49.67 6.13 -10.74	55.73 6.16 -16.08	68.83 6.13 -27.45	111.07 8.66 -63.61	253.73 8.15 -199.80	259.42 9.86 -193.84	274.21 10.08 -202.31	253.79 8.38 -187.63	245.33 8.45 -186.01	128.79 6.29 -82.45	55.17 5.70 -14.50	48.91 5.57 -9.82	43.29 4.79 -8.74
GLOBE___DSASP 323697	25.61 -0.96 0.00	23.81 -0.69 0.00	21.72 -0.81 0.00	20.00 -0.79 0.00	19.33 -0.58 0.00	20.57 -0.68 0.00	24.14 -0.44 0.00	24.52 -0.76 0.00	28.91 -0.29 0.00	28.62 -1.01 0.00	30.32 -1.10 0.00	31.85 -0.95 0.00	32.82 -0.67 0.00	34.90 -0.35 0.00	39.26 -1.34 0.00	43.95 -1.83 0.00	52.55 -3.18 0.00	58.42 -3.40 0.00	54.84 -2.95 0.00	48.73 -2.14 0.00	38.77 -1.28 0.00	34.41 -0.56 0.00	33.79 0.27 0.00	29.64 -0.12 0.00
GOETHSLN___LBMP 323567	28.35 1.78 0.00	26.01 1.52 0.00	23.98 1.44 0.00	22.14 1.35 0.00	21.08 1.17 0.00	22.54 1.30 0.00	25.94 1.35 0.00	26.92 1.64 0.00	31.19 1.99 0.00	31.91 2.28 0.00	33.93 2.51 0.00	35.33 2.53 0.00	35.55 2.44 0.38	35.03 2.40 2.62	39.47 2.80 3.94	45.25 3.39 3.91	55.58 4.35 4.49	56.67 4.95 10.10	49.83 3.99 11.94	42.73 3.15 11.30	37.05 2.32 5.32	34.27 2.06 2.76	34.48 2.04 1.09	31.58 1.82 0.00
GOLAH___69_KV_TB 1_2 80279	26.57 0.00 0.00	24.64 0.15 0.00	22.49 -0.05 0.00	20.71 -0.08 0.00	19.93 0.02 0.00	21.27 0.02 0.00	24.93 0.34 0.00	25.51 0.23 0.00	29.82 0.61 0.00	29.78 0.15 0.00	31.67 0.25 0.00	33.33 0.52 0.00	34.26 0.77 0.00	36.38 1.13 0.00	41.21 0.61 0.00	46.23 0.46 0.00	55.67 -0.06 0.00	61.95 0.12 0.00	58.02 0.23 0.00	51.33 0.46 0.00	40.65 0.60 0.00	35.88 0.91 0.00	34.80 1.27 0.00	30.71 0.95 0.00
GOODYEAR_LAKE_HYD 323669	27.87 1.30 0.00	25.67 1.18 0.00	23.57 1.04 0.00	21.77 0.98 0.00	20.82 0.92 0.00	22.27 1.02 0.00	25.77 1.18 0.00	26.49 1.21 0.00	30.67 1.46 0.00	31.11 1.48 0.00	33.15 1.73 0.00	34.64 1.84 0.00	35.43 1.94 0.00	37.29 2.04 0.00	43.04 2.44 0.00	48.43 2.66 0.00	59.07 3.34 0.00	65.66 3.83 0.00	61.37 3.58 0.00	54.13 3.26 0.00	42.65 2.60 0.00	37.21 2.24 0.00	35.53 2.01 0.00	31.40 1.64 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	26.91 0.35 0.00	24.84 0.34 0.00	22.78 0.25 0.00	21.04 0.25 0.00	20.18 0.28 0.00	21.55 0.30 0.00	25.03 0.44 0.00	25.76 0.48 0.00	29.94 0.73 0.00	30.13 0.50 0.00	32.14 0.72 0.00	33.65 0.85 0.00	34.49 1.00 0.00	36.38 1.13 0.00	41.66 1.06 0.00	46.97 1.19 0.00	57.01 1.28 0.00	63.31 1.48 0.00	59.11 1.33 0.00	52.14 1.27 0.00	41.13 1.08 0.00	36.12 1.15 0.00	34.63 1.11 0.00	30.62 0.86 0.00
GOUDEY___7 23579	26.94 0.37 0.00	24.86 0.37 0.00	22.80 0.27 0.00	21.04 0.25 0.00	20.20 0.30 0.00	21.57 0.32 0.00	25.05 0.47 0.00	25.78 0.51 0.00	29.97 0.76 0.00	30.19 0.56 0.00	32.21 0.79 0.00	33.72 0.92 0.00	34.53 1.04 0.00	36.45 1.20 0.00	41.70 1.10 0.00	47.01 1.24 0.00	57.06 1.34 0.00	63.37 1.55 0.00	59.17 1.39 0.00	52.19 1.32 0.00	41.21 1.16 0.00	36.16 1.19 0.00	34.66 1.14 0.00	30.68 0.92 0.00
GOUDEY___8 23580	26.91 0.35 0.00	24.84 0.34 0.00	22.78 0.25 0.00	21.04 0.25 0.00	20.18 0.28 0.00	21.55 0.30 0.00	25.03 0.44 0.00	25.76 0.48 0.00	29.94 0.73 0.00	30.13 0.50 0.00	32.14 0.72 0.00	33.65 0.85 0.00	34.49 1.00 0.00	36.38 1.13 0.00	41.66 1.06 0.00	46.97 1.19 0.00	57.01 1.28 0.00	63.31 1.48 0.00	59.11 1.33 0.00	52.14 1.27 0.00	41.13 1.08 0.00	36.12 1.15 0.00	34.63 1.11 0.00	30.62 0.86 0.00
GOWANUS_GT1_1 24077	28.75 2.18 -0.01	26.33 1.84 0.00	24.25 1.71 0.00	22.35 1.56 0.00	21.24 1.33 0.00	22.67 1.42 0.00	26.01 1.43 0.00	27.00 1.72 0.00	31.45 2.25 0.00	32.21 2.58 0.00	34.41 2.98 -0.01	35.89 3.08 -0.01	36.44 2.95 0.00	38.30 3.00 -0.06	43.85 3.25 0.00	49.82 3.98 -0.06	77.48 5.02 -16.74	76.43 5.56 -9.04	76.92 4.68 -14.46	73.54 3.76 -18.90	42.85 2.80 0.00	37.65 2.62 -0.06	37.95 2.68 -1.74	32.01 2.23 -0.02
GOWANUS_GT1_2 24078	28.75 2.18 -0.01	26.33 1.84 0.00	24.25 1.71 0.00	22.35 1.56 0.00	21.24 1.33 0.00	22.67 1.42 0.00	26.01 1.43 0.00	27.00 1.72 0.00	31.45 2.25 0.00	32.21 2.58 0.00	34.41 2.98 -0.01	35.89 3.08 -0.01	36.44 2.95 0.00	38.30 3.00 -0.06	43.85 3.25 0.00	49.82 3.98 -0.06	77.48 5.02 -16.74	76.43 5.56 -9.04	76.92 4.68 -14.46	73.54 3.76 -18.90	42.85 2.80 0.00	37.65 2.62 -0.06	37.95 2.68 -1.74	32.01 2.23 -0.02

GOWANUS_GT1_3 24079	28.75 <u>2.18</u> -0.01	26.33 <u>1.84</u> 0.00	24.25 <u>1.71</u> 0.00	22.35 <u>1.56</u> 0.00	21.24 <u>1.33</u> 0.00	22.67 <u>1.42</u> 0.00	26.01 <u>1.43</u> 0.00	27.00 <u>1.72</u> 0.00	31.45 <u>2.25</u> 0.00	32.21 <u>2.58</u> 0.00	34.41 <u>2.98</u> -0.01	35.89 <u>3.08</u> -0.01	36.44 <u>2.95</u> 0.00	38.30 <u>3.00</u> -0.06	43.85 <u>3.25</u> 0.00	49.82 <u>3.98</u> -0.06	77.48 <u>5.02</u> -16.74	76.43 <u>5.56</u> -9.04	76.92 <u>4.68</u> -14.46	73.54 <u>3.76</u> -18.90	42.85 <u>2.80</u> 0.00	37.65 <u>2.62</u> -0.06	37.95 <u>2.68</u> -1.74	32.01 <u>2.23</u> -0.02
GOWANUS_GT1_4 24080	28.75 <u>2.18</u> -0.01	26.33 <u>1.84</u> 0.00	24.25 <u>1.71</u> 0.00	22.35 <u>1.56</u> 0.00	21.24 <u>1.33</u> 0.00	22.67 <u>1.42</u> 0.00	26.01 <u>1.43</u> 0.00	27.00 <u>1.72</u> 0.00	31.45 <u>2.25</u> 0.00	32.21 <u>2.58</u> 0.00	34.41 <u>2.98</u> -0.01	35.89 <u>3.08</u> -0.01	36.44 <u>2.95</u> 0.00	38.30 <u>3.00</u> -0.06	43.85 <u>3.25</u> 0.00	49.82 <u>3.98</u> -0.06	77.48 <u>5.02</u> -16.74	76.43 <u>5.56</u> -9.04	76.92 <u>4.68</u> -14.46	73.54 <u>3.76</u> -18.90	42.85 <u>2.80</u> 0.00	37.65 <u>2.62</u> -0.06	37.95 <u>2.68</u> -1.74	32.01 <u>2.23</u> -0.02
GOWANUS_GT1_5 24084	28.75 <u>2.18</u> -0.01	26.33 <u>1.84</u> 0.00	24.25 <u>1.71</u> 0.00	22.35 <u>1.56</u> 0.00	21.24 <u>1.33</u> 0.00	22.67 <u>1.42</u> 0.00	26.01 <u>1.43</u> 0.00	27.00 <u>1.72</u> 0.00	31.45 <u>2.25</u> 0.00	32.21 <u>2.58</u> 0.00	34.41 <u>2.98</u> -0.01	35.89 <u>3.08</u> -0.01	36.44 <u>2.95</u> 0.00	38.30 <u>3.00</u> -0.06	43.85 <u>3.25</u> 0.00	49.82 <u>3.98</u> -0.06	77.48 <u>5.02</u> -16.74	76.43 <u>5.56</u> -9.04	76.92 <u>4.68</u> -14.46	73.54 <u>3.76</u> -18.90	42.85 <u>2.80</u> 0.00	37.65 <u>2.62</u> -0.06	37.95 <u>2.68</u> -1.74	32.01 <u>2.23</u> -0.02
GOWANUS_GT1_6 24111	28.75 <u>2.18</u> -0.01	26.33 <u>1.84</u> 0.00	24.25 <u>1.71</u> 0.00	22.35 <u>1.56</u> 0.00	21.24 <u>1.33</u> 0.00	22.67 <u>1.42</u> 0.00	26.01 <u>1.43</u> 0.00	27.00 <u>1.72</u> 0.00	31.45 <u>2.25</u> 0.00	32.21 <u>2.58</u> 0.00	34.41 <u>2.98</u> -0.01	35.89 <u>3.08</u> -0.01	36.44 <u>2.95</u> 0.00	38.30 <u>3.00</u> -0.06	43.85 <u>3.25</u> 0.00	49.82 <u>3.98</u> -0.06	77.48 <u>5.02</u> -16.74	76.43 <u>5.56</u> -9.04	76.92 <u>4.68</u> -14.46	73.54 <u>3.76</u> -18.90	42.85 <u>2.80</u> 0.00	37.65 <u>2.62</u> -0.06	37.95 <u>2.68</u> -1.74	32.01 <u>2.23</u> -0.02
GOWANUS_GT1_7 24112	28.75 <u>2.18</u> -0.01	26.33 <u>1.84</u> 0.00	24.25 <u>1.71</u> 0.00	22.35 <u>1.56</u> 0.00	21.24 <u>1.33</u> 0.00	22.67 <u>1.42</u> 0.00	26.01 <u>1.43</u> 0.00	27.00 <u>1.72</u> 0.00	31.45 <u>2.25</u> 0.00	32.21 <u>2.58</u> 0.00	34.41 <u>2.98</u> -0.01	35.89 <u>3.08</u> -0.01	36.44 <u>2.95</u> 0.00	38.30 <u>3.00</u> -0.06	43.85 <u>3.25</u> 0.00	49.82 <u>3.98</u> -0.06	77.48 <u>5.02</u> -16.74	76.43 <u>5.56</u> -9.04	76.92 <u>4.68</u> -14.46	73.54 <u>3.76</u> -18.90	42.85 <u>2.80</u> 0.00	37.65 <u>2.62</u> -0.06	37.95 <u>2.68</u> -1.74	32.01 <u>2.23</u> -0.02
GOWANUS_GT1_8 24113	28.75 <u>2.18</u> -0.01	26.33 <u>1.84</u> 0.00	24.25 <u>1.71</u> 0.00	22.35 <u>1.56</u> 0.00	21.24 <u>1.33</u> 0.00	22.67 <u>1.42</u> 0.00	26.01 <u>1.43</u> 0.00	27.00 <u>1.72</u> 0.00	31.45 <u>2.25</u> 0.00	32.21 <u>2.58</u> 0.00	34.41 <u>2.98</u> -0.01	35.89 <u>3.08</u> -0.01	36.44 <u>2.95</u> 0.00	38.30 <u>3.00</u> -0.06	43.85 <u>3.25</u> 0.00	49.82 <u>3.98</u> -0.06	77.48 <u>5.02</u> -16.74	76.43 <u>5.56</u> -9.04	76.92 <u>4.68</u> -14.46	73.54 <u>3.76</u> -18.90	42.85 <u>2.80</u> 0.00	37.65 <u>2.62</u> -0.06	37.95 <u>2.68</u> -1.74	32.01

GOWANUS_GT3_2 24123	28.73 2.15 -0.01	26.23 1.74 0.00	24.24 1.71 0.00	22.35 1.56 0.00	21.24 1.33 0.00	22.61 1.36 0.00	25.94 1.35 0.00	27.00 1.72 0.00	31.46 2.25 0.00	32.21 2.58 0.00	34.41 2.99 -0.01	35.89 3.08 -0.01	36.37 2.88 0.00	38.23 2.92 -0.06	43.77 3.17 0.00	49.77 3.94 -0.06	77.37 4.90 -16.74	76.99 6.12 -9.04	76.92 4.68 -14.46	73.59 3.82 -18.90	42.62 2.57 0.00	37.61 2.59 -0.06	37.88 2.62 -1.74	31.98 2.20 -0.02
GOWANUS_GT3_3 24124	28.73 2.15 -0.01	26.23 1.74 0.00	24.24 1.71 0.00	22.35 1.56 0.00	21.24 1.33 0.00	22.61 1.36 0.00	25.94 1.35 0.00	27.00 1.72 0.00	31.46 2.25 0.00	32.21 2.58 0.00	34.41 2.99 -0.01	35.89 3.08 -0.01	36.37 2.88 0.00	38.23 2.92 -0.06	43.77 3.17 0.00	49.77 3.94 -0.06	77.37 4.90 -16.74	76.99 6.12 -9.04	76.92 4.68 -14.46	73.59 3.82 -18.90	42.62 2.57 0.00	37.61 2.59 -0.06	37.88 2.62 -1.74	31.98 2.20 -0.02
GOWANUS_GT3_4 24125	28.73 2.15 -0.01	26.23 1.74 0.00	24.24 1.71 0.00	22.35 1.56 0.00	21.24 1.33 0.00	22.61 1.36 0.00	25.94 1.35 0.00	27.00 1.72 0.00	31.46 2.25 0.00	32.21 2.58 0.00	34.41 2.99 -0.01	35.89 3.08 -0.01	36.37 2.88 0.00	38.23 2.92 -0.06	43.77 3.17 0.00	49.77 3.94 -0.06	77.37 4.90 -16.74	76.99 6.12 -9.04	76.92 4.68 -14.46	73.59 3.82 -18.90	42.62 2.57 0.00	37.61 2.59 -0.06	37.88 2.62 -1.74	31.98 2.20 -0.02
GOWANUS_GT3_5 24126	28.73 2.15 -0.01	26.23 1.74 0.00	24.24 1.71 0.00	22.35 1.56 0.00	21.24 1.33 0.00	22.61 1.36 0.00	25.94 1.35 0.00	27.00 1.72 0.00	31.46 2.25 0.00	32.21 2.58 0.00	34.41 2.99 -0.01	35.89 3.08 -0.01	36.37 2.88 0.00	38.23 2.92 -0.06	43.77 3.17 0.00	49.77 3.94 -0.06	77.37 4.90 -16.74	76.99 6.12 -9.04	76.92 4.68 -14.46	73.59 3.82 -18.90	42.62 2.57 0.00	37.61 2.59 -0.06	37.88 2.62 -1.74	31.98 2.20 -0.02
GOWANUS_GT3_6 24127	28.73 2.15 -0.01	26.23 1.74 0.00	24.24 1.71 0.00	22.35 1.56 0.00	21.24 1.33 0.00	22.61 1.36 0.00	25.94 1.35 0.00	27.00 1.72 0.00	31.46 2.25 0.00	32.21 2.58 0.00	34.41 2.99 -0.01	35.89 3.08 -0.01	36.37 2.88 0.00	38.23 2.92 -0.06	43.77 3.17 0.00	49.77 3.94 -0.06	77.37 4.90 -16.74	76.99 6.12 -9.04	76.92 4.68 -14.46	73.59 3.82 -18.90	42.62 2.57 0.00	37.61 2.59 -0.06	37.88 2.62 -1.74	31.98 2.20 -0.02
GOWANUS_GT3_7 24128	28.73 2.15 -0.01	26.23 1.74 0.00	24.24 1.71 0.00	22.35 1.56 0.00	21.24 1.33 0.00	22.61 1.36 0.00	25.94 1.35 0.00	27.00 1.72 0.00	31.46 2.25 0.00	32.21 2.58 0.00	34.41 2.99 -0.01	35.89 3.08 -0.01	36.37 2.88 0.00	38.23 2.92 -0.06	43.77 3.17 0.00	49.77 3.94 -0.06	77.37 4.90 -16.74	76.99 6.12 -9.04	76.92 4.68 -14.46	73.59 3.82 -18.90	42.62 2.57 0.00	37.61 2.59 -0.06	37.88 2.62 -1.74	31.98 2.20 -0.02
GOWANUS_GT3_8 24129	28.73 2.15 -0.01	26.23 1.74 0.00	24.24 1.71 0.00	22.35 1.56 0.00	21.24 1.33 0.00	22.61 1.36 0.00	25.94 1.35 0.00	27.00 1.72 0.00	31.46 2.25 0.00	32.21 2.58 0.00	34.41 2.99 -0.01	35.89 3.08 -0.01	36.37 2.88 0.00	38.23 2.92 -0.06	43.77 3.17 0.00	49.77 3.94 -0.06	77.37 4.90 -16.74	76.99 6.12 -9.04	76.92 4.68 -14.46	73.59 3.82 -18.90	42.62 2.57 0.00	37.61 2.59 -0.06	37.88 2.62 -1.74	31.98 2.20 -0.02
GOWANUS_GT4_1 24130	28.75 2.18 -0.01	26.33 1.84 0.00	24.25 1.71 0.00	22.35 1.56 0.00	21.24 1.33 0.00																			

GREENBSH_115KV_TB3 55895	25.69 0.64 1.52	25.08 0.59 0.00	23.16 0.63 0.00	21.39 0.60 0.00	20.48 0.58 0.00	21.84 0.59 0.00	23.90 0.61 1.30	25.78 0.51 0.00	29.82 0.61 0.00	30.40 0.77 0.00	32.30 0.91 0.03	33.72 0.92 0.00	30.98 0.70 3.21	33.67 0.67 2.24	35.23 0.97 6.35	36.75 1.19 10.22	57.08 1.39 0.03	63.62 1.79 0.00	59.17 1.39 0.00	52.09 1.22 0.00	41.13 1.08 0.00	35.84 0.87 0.00	34.39 0.87 0.00	30.44 0.68 0.00
GREENDGE_115KV_TB5 80291	27.02 0.45 0.00	24.93 0.44 0.00	22.80 0.27 0.00	21.02 0.23 0.00	20.20 0.30 0.00	21.61 0.36 0.00	25.23 0.64 0.00	26.01 0.73 0.00	30.32 1.11 0.00	30.40 0.77 0.00	32.55 1.13 0.00	33.79 0.98 0.00	34.53 1.04 0.00	36.55 1.30 0.00	41.58 0.97 0.00	46.83 1.05 0.00	56.84 1.11 0.00	63.31 1.48 0.00	59.23 1.44 0.00	52.30 1.42 0.00	41.29 1.24 0.00	36.33 1.36 0.00	34.83 1.31 0.00	30.98 1.22 0.00
GREENIDGE___3 23582	27.02 0.45 0.00	24.93 0.44 0.00	22.80 0.27 0.00	21.02 0.23 0.00	20.20 0.30 0.00	21.61 0.36 0.00	25.23 0.64 0.00	26.01 0.73 0.00	30.32 1.11 0.00	30.40 0.77 0.00	32.55 1.13 0.00	33.79 0.98 0.00	34.53 1.04 0.00	36.55 1.30 0.00	41.58 0.97 0.00	46.83 1.05 0.00	56.84 1.11 0.00	63.31 1.48 0.00	59.23 1.44 0.00	52.30 1.42 0.00	41.29 1.24 0.00	36.33 1.36 0.00	34.83 1.31 0.00	30.98 1.22 0.00
GREENIDGE___4 23583	27.07 0.50 0.00	25.01 0.52 0.00	22.80 0.27 0.00	21.02 0.23 0.00	20.20 0.30 0.00	21.63 0.38 0.00	25.37 0.79 0.00	26.04 0.76 0.00	30.32 1.11 0.00	30.40 0.77 0.00	32.68 1.26 0.00	33.79 0.98 0.00	34.56 1.07 0.00	36.38 1.13 0.00	41.57 0.97 0.00	46.87 1.10 0.00	56.84 1.11 0.00	63.62 1.79 0.00	59.12 1.33 0.00	52.40 1.52 0.00	41.53 1.48 0.00	36.33 1.36 0.00	34.86 1.34 0.00	31.01 1.25 0.00
GREENLWN_69_KV_BK 3 55738	34.06 2.21 -5.28	29.81 1.94 -3.38	25.71 1.85 -1.33	23.04 1.70 -0.55	21.99 1.55 -0.53	24.56 1.68 -1.63	30.25 1.97 -3.70	27.66 2.25 -0.13	31.97 2.72 -0.05	35.15 3.02 -2.50	38.17 2.98 -3.76	38.99 2.79 -3.40	38.15 2.75 -1.91	40.77 2.89 -2.63	43.20 3.29 0.69	14.10 4.12 35.80	24.52 5.18 36.39	33.03 5.94 34.73	35.05 5.03 27.77	14.61 4.22 40.49	29.17 3.08 13.96	39.59 2.66 -1.96	39.40 2.55 -3.33	37.98 2.44 -5.78
GREENWD_138_KV_38B11_REV_LBMP_J 345004	28.75 2.18 -0.01	26.33 1.84 0.00	24.25 1.71 0.00	22.35 1.56 0.00	21.24 1.33 0.00	22.67 1.42 0.00	26.01 1.43 0.00	27.00 1.72 0.00	31.45 2.25 0.00	32.21 2.58 0.00	34.41 2.98 -0.01	35.89 3.08 -0.01	36.44 2.95 0.00	38.30 3.00 -0.06	43.85 3.25 0.00	49.82 3.98 -0.06	77.48 5.02 -16.74	76.43 5.56 -9.04	76.92 4.68 -14.46	73.54 3.76 -18.90	42.85 2.80 0.00	37.65 2.62 -0.06	37.95 2.68 -1.74	32.01 2.23 -0.02
GRISSOM___SOLAR 323813	29.41 2.84 0.00	27.04 2.55 0.00	24.90 2.37 0.00	22.91 2.12 0.00	21.98 2.07 0.00	23.54 2.30 0.00	27.19 2.60 0.00	27.88 2.60 0.00	32.27 3.07 0.00	32.62 2.99 0.00	35.66 4.24 0.00	37.13 4.33 0.00	38.01 4.52 0.00	39.13 3.88 0.00	45.11 4.51 0.00	50.72 4.95 0.00	62.30 6.57 0.00	70.11 8.29 0.00	65.58 7.80 0.00	58.20 7.33 0.00	46.21 6.17 0.00	40.11 5.14 0.00	38.12 4.59 0.00	33.45 3.69 0.00
GROVEVILLE___HYD 323602	28.35 1.78 0.00	26.06 1.57 0.00	24.04 1.51 0.00	22.18 1.39 0.00	21.08 1.17 0.00	22.54 1.30 0.00	25.99 1.40 0.00	26.77 1.49 0.00	30.96 1.75 0.00	31.64 2.01 0.00	33.71 2.29 0.00	35.26 2.46 0.00	36.07 2.58 0.00	37.82 2.57 0.00	43.77 3.17 0.00	49.58 3.80 0.00	60.18 4.46 0.00	67.08 5.26 0.00	62.18 4.39 0.00	54.53 3.66 0.00	42.81 2.76 0.00	37.35 2.38 0.00	35.73 2.21 0.00	31.61 1.85 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	26.46 -0.11 0.00	24.42 -0.07 0.00	22.42 -0.11 0.00	20.69 -0.10 0.00	19.83 -0.08 0.00	21.16 -0.08 0.00	24.56 -0.02 0.00	25.33 0.05 0.00	29.41 0.20 0.00	29.69 0.06 0.00	31.70 0.28 0.00	33.13 0.33 0.00	33.92 0.44 0.00	35.78 0.53 0.00	41.17 0.57 0.00	46.37 0.60 0.00	56.39 0.67 0.00	62.69 0.87 0.00	58.54 0.75 0.00	51.53 0.66 0.00	40.65 0.60 0.00	35.56 0.59 0.00	34.03 0.50 0.00	30.09 0.33 0.00
HAMLTNNY_34_KV_TB 80303	26.57 0.00 0.00	24.52 0.02 0.00	22.51 -0.02 0.00	20.77 -0.02 0.00	19.93 0.02 0.00	21.25 0.00 0.00	24.68 0.10 0.00	25.46 0.18 0.00	29.56 0.35 0.00	29.84 0.21 0.00	31.80 0.38 0.00	33.26 0.46 0.00	34.06 0.57 0.00	35.95 0.70 0.00	41.37 0.77 0.00	46.60 0.82 0.00	56.67 0.95 0.00	63.00 1.17 0.00	58.83 1.04 0.00	51.79 0.92 0.00	40.89 0.84 0.00	35.77 0.80 0.00	34.23 0.70 0.00	30.27 0.51 0.00
HAMPSHIRE___PAPER_HYD 323593	26.75 0.19 0.00	24.64 0.15 0.00	22.60 0.07 0.00	20.75 -0.04 0.00	19.99 0.08 0.00	21.31 0.06 0.00	24.71 0.12 0.00	25.30 0.03 0.00	28.86 -0.35 0.00	29.12 -0.50 0.00	30.70 -0.72 0.00	32.11 -0.69 0.00	32.68 -0.80 0.00	34.44 -0.81 0.00	39.67 -0.93 0.00	44.22 -1.56 0.00	54.33 -1.39 0.00	60.09 -1.73 0.00	57.15 -0.63 0.00	50.36 -0.51 0.00	39.45 -0.60 0.00	34.38 -0.59 0.00	33.42 -0.10 0.00	29.64 -0.12 0.00
HARDSCRABBLE_WT_PWR 323673	26.28 -0.29 0.00	24.22 -0.27 0.00	22.26 -0.27 0.00	20.52 -0.27 0.00	19.61 -0.30 0.00	20.95 -0.30 0.00	24.24 -0.34 0.00	24.92 -0.35 0.00	28.83 -0.38 0.00	29.27 -0.35 0.00	31.20 -0.22 0.00	32.61 -0.20 0.00	33.26 -0.23 0.00	34.79 -0.46 0.00	39.99 -0.61 0.00	45.04 -0.73 0.00	54.94 -0.78 0.00	61.21 -0.62 0.00	57.26 -0.52 0.00	50.46 -0.41 0.00	39.69 -0.36 0.00	34.76 -0.21 0.00	33.25 -0.27 0.00	29.49 -0.27 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	28.13 1.57 0.00	25.84 1.35 0.00	23.84 1.31 0.00	22.00 1.21 0.00	20.94 1.04 0.00	22.40 1.15 0.00	25.79 1.20 0.00	26.64 1.37 0.00	30.75 1.55 0.00	31.44 1.81 0.00	33.52 2.11 0.00	35.03 2.23 0.00	35.77 2.28 0.00	37.47 2.22 0.00	43.16 2.56 0.00	48.89 3.11 0.00	59.68 3.96 0.00	66.46 4.64 0.00	61.60 3.81 0.00	53.97 3.10 0.00	42.37 2.32 0.00	37.03 2.06 0.00	35.43 1.91 0.00	31.40 1.64 0.00
HARSNRAD_115KV_TB1 81005	26.35 -0.21 0.00	24.47 -0.02 0.00	22.33 -0.20 0.00	20.56 -0.23 0.00	19.89 -0.02 0.00	21.14 -0.11 0.00	24.78 0.20 0.00	25.15 -0.13 0.00	29.61 0.41 0.00	29.36 -0.27 0.00	30.95 -0.47 0.00	32.54 -0.26 0.00	33.52 0.03 0.00	35.67 0.42 0.00	40.11 -0.49 0.00	44.91 -0.87 0.00	53.77 -1.95 0.00	59.85 -1.98 0.00	56.11 -1.68 0.00	49.85 -1.02 0.00	39.65 -0.40 0.00	35.18 0.21 0.00	34.46 0.94 0.00	30.30 0.54 0.00
HARZA MOOSE___RIVER 24016	27.02 0.45 0.00	24.86 0.37 0.00	22.83 0.29 0.00	20.96 0.17 0.00	20.16 0.26 0.00	21.55 0.30 0.00	24.93 0.34 0.00	25.58 0.30 0.00	29.47 0.26 0.00	29.87 0.24 0.00	31.80 0.38 0.00	33.23 0.43 0.00	33.79 0.30 0.00	35.57 0.32 0.00	40.93 0.32 0.00	45.91 0.14 0.00	56.17 0.45 0.00	62.57 0.74 0.00	59.06 1.27 0.00	52.24 1.37 0.00	40.81 0.76 0.00	35.56 0.59 0.00	34.23 0.70 0.00	30.27 0.51 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	26.30 -0.27 0.00	24.27 -0.22 0.00	22.29 -0.25 0.00	20.56 -0.23 0.00	19.73 -0.18 0.00	21.04 -0.21 0.00	24.41 -0.17 0.00	25.18 -0.10 0.00	29.18 -0.03 0.00	29.45 -0.18 0.00	31.39 -0.03 0.00	32.83 0.03 0.00	33.62 0.13 0.00	35.46 0.21 0.00	40.72 0.12 0.00	45.87 0.09 0.00	55.78 0.06 0.00	62.01 0.19 0.00	57.84 0.06 0.00	50.97 0.10 0.00	40.21 0.16 0.00	35.18 0.21 0.00	33.69 0.17 0.00	29.79 0.03 0.00
HELLGATE_13_KV_LD 55870	28.62 2.05 0.00	26.24 1.74 0.00	24.18 1.64 0.00	22.31 1.52 0.00	21.22 1.31 0.00	22.67 1.42 0.00	26.04 1.45 0.00	26.97 1.69 0.00	31.37 2.16 0.00	32.09 2.46 0.00	34.26 2.83 -0.01	35.73 2.92 -0.01	36.23 2.75 0.00	37.96 2.71 0.00	43.61 3.00 0.00	49.39 3.62 0.00	56.98 4.57 3.31	66.90 5.07 0.00	57.34 4.22 4.66	50.49 3.36 3.74	42.53 2.48 0.00	37.35 2.38 0.00	35.97 2.45 0.00	31.85 2.08 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	28.62 2.05 0.00	26.24 1.74 0.00	24.18 1.64 0.00	22.31 1.52 0.00	21.22 1.31 0.00	22.67 1.42 0.00	26.04 1.45 0.00	26.97 1.69 0.00	31.37 2.16 0.00	32.09 2.46 0.00	34.26 2.83 -0.01	35.73 2.92 -0.01	36.23 2.75 0.00	37.96 2.71 0.00	43.61 3.00 0.00	49.39 3.62 0.00	56.98 4.57 3.31	66.90 5.07 0.00	57.34 4.22 4.66	50.49 3.36 3.74	42.53 2.48 0.00	37.35 2.38 0.00	35.97 2.45 0.00	31.85 2.08 0.00
HEMPSTEAD____ 23647	34.11 2.26 -5.29	29.83 1.96 -3.38	25.78 1.91 -1.33	23.13 1.79 -0.55	22.05 1.59 -0.55	24.60 1.72 -1.64	30.14 1.84 -3.71	27.55 2.12 -0.15	32.19 2.51 -0.47	35.37 2.76 -2.98	38.53 2.95 -4.16	40.54 3.05 -4.69	40.66 3.02 -4.16	45.37 2.99 -7.13	54.96 3.41 -10.94	56.78 4.17 -6.84	66.12 5.12 -5.28	76.48 6.49 -8.17	74.08 5.09 -11.21	55.59 4.22 -0.50	46.54 3.01 -3.49	42.00 2.80 -4.23	40.30 2.75 -4.03	38.39 2.38 -6.25
HEWLETT__69_KV_BK3 55828	34.40 2.55 -5.28	30.15 2.28 -3.38	26.00 2.14 -1.33	23.32 1.98 -0.55	22.23 1.77 -0.55	24.82 1.93 -1.64	30.41 2.11 -3.71	27.75 2.33 -0.15	32.42 2.75 -0.47	35.63 3.02 -2.98	38.88 3.30 -4.16	40.90 3.41 -4.69	41.03 3.38 -4.16	45.83 3.45 -7.13	55.48 3.94 -10.94	57.33 4.71 -6.84	66.85 5.85 -5.28	76.67 6.68 -8.17	74.72 5.72 -11.21	56.10 4.73 -0.50	47.22 3.68 -3.49	42.45 3.25 -4.23	40.77 3.22 -4.03	38.90 2.89 -6.25
HICKLING___1 23621	27.42 0.85 0.00	25.30 0.81 0.00	23.14 0.61 0.00	21.37 0.58 0.00	20.56 0.66 0.00	21.97 0.72 0.00	25.59 1.01 0.00	26.42 1.14 0.00	30.78 1.58 0.00	30.84 1.21 0.00	32.99 1.57 0.00	34.28 1.48 0.00	35.26 1.77 0.00	37.29 2.04 0.00	42.47 1.87 0.00	47.84 2.06 0.00	57.84 2.12 0.00	64.30 2.47 0.00	60.10 2.31 0.00	53.06 2.19 0.00	41.97 1.92 0.00	37.00 2.03 0.00	35.50 1.98 0.00	31.40 1.64 0.00
HICKLING___2 23622	27.42 0.85 0.00	25.30 0.81 0.00	23.14 0.61 0.00	21.37 0.58 0.00	20.56 0.66 0.00	21.97 0.72 0.00	25.59 1.01 0.00	26.42 1.14 0.00	30.78 1.58 0.00	30.84 1.21 0.00	32.99 1.57 0.00	34.28 1.48 0.00	35.26 1.77 0.00	37.29 2.04 0.00	42.47 1.87 0.00	47.84 2.06 0.00	57.84 2.12 0.00	64.30 2.47 0.00	60.10 2.31 0.00	53.06 2.19 0.00	41.97 1.92 0.00	37.00 2.03 0.00	35.50 1.98 0.00	31.40 1.64 0.00
HIGH FALLS___HY 23754	28.10 1.70 0.16	25.91 1.42 0.00	23.89 1.35 0.00	22.06 1.27 0.00	20.94 1.04 0.00	22.40 1.15 0.00	25.67 1.23 0.15	26.62 1.34 0.00	30.70 1.49 0.00	31.35 1.72 0.00	33.49 2.07 0.00	35.00 2.20 0.00	35.49 2.34 0.34	37.26 2.26 0.24	42.52 2.60 0.68	47.88 3.20 1.10	59.90 4.18 0.00	66.65 4.82 0.00	61.89 4.10 0.00	54.23 3.36 0.00	42.49 2.44 0.00	37.10 2.13 0.00	35.47 1.94 0.00	31.40 1.64 0.00
HILLBURN___GT 23639	28.08 1.51 0.00	25.79 1.30 0.00	23.82 1.28 0.00	22.00 1.21 0.00	20.96 1.05 0.00	22.40 1.15 0.00	25.74 1.16 0.00	26.69 1.41 0.00	30.84 1.63 0.00	31.53 1.90 0.00	33.65 2.23 0.00	35.17 2.36 0.00	35.80 2.31 0.00	37.40 2.15 0.00	43.08 2.48 0.00	48.84 3.07 0.00	59.52 3.79 0.00	66.83 5.01 0.00	61.43 3.64 0.00	53.82 2.95 0.00	42.05 2.00 0.00	36.93 1.96 0.00	35.33 1.81 0.00	31.34 1.58 0.00
HILLSIDE_115KV_TB1 80332	26.86 0.29 0.00	24.79 0.29 0.00	22.71 0.18 0.00	21.00 0.21 0.00	20.16 0.26 0.00	21.57 0.32 0.00	25.08 0.49 0.00	25.83 0.56 0.00	30.05 0.85 0.00	30.16 0.53 0.00	32.24 0.82 0.00	33.52 0.72 0.00	34.43 0.94 0.00	36.41 1.16 0.00	41.45 0.85 0.00	46.69 0.92 0.00	56.45 0.72 0.00	62.69 0.87 0.00	58.59 0.81 0.00	51.74 0.86 0.00	40.89 0.84 0.00	36.05 1.08 0.00	34.60 1.07 0.00	30.65 0.89 0.00
HISHELDN_WT_PWR 323625	26.73 0.16 0.00	24.79 0.29 0.00	22.47 -0.07 0.00	20.71 -0.08 0.00	19.99 0.08 0.00	21.36 0.11 0.00	25.22 0.64 0.00	25.51 0.23 0.00	29.94 0.73 0.00	29.78 0.15 0.00	31.89 0.47 0.00	33.20 0.40 0.00	34.29 0.80 0.00	36.06 0.81 0.00	40.85 0.25 0.00	45.91 0.14 0.00	55.00 -0.73 0.00	61.64 -0.18 0.00	57.15 -0.63 0.00	51.18 0.31 0.00	40.85 0.80 0.00	35.88 0.91 0.00	35.00 1.47 0.00	30.83 1.07 0.00
HOLTSVILLE_IC_1 23690	34.75 2.90 -5.28	30.49 2.62 -3.38	26.42 2.55 -1.34	23.72 2.37 -0.56	22.70 2.19 -0.61	25.23 2.34 -1.64	30.93 2.58 -3.77	28.24 2.76 -0.20	34.70 3.18 -2.31	38.19 3.44 -5.13	40.81 3.49 -5.91	46.87 3.41 -10.65	52.65 3.28 -15.88	65.51 3.17 -27.09	106.76 3.49 -62.66	246.47 4.35 -196.35	251.59 5.40 -190.46	267.40 6.74 -198.83	247.57 5.31 -184.47	238.09 4.53 -182.69	124.33 3.24 -81.04	52.30 3.01 -14.32	46.48 3.22 -9.74	41.32 2.86 -8.70
HOLTSVILLE_IC_10 23699	34.96 3.11 -5.28	30.69 2.82 -3.38	26.58 2.70 -1.34	23.89 2.54 -0.56	22.84 2.33 -0.61	25.38 2.48 -1.65	31.16 2.80 -3.77	28.47 2.98 -0.21	35.11 3.47 -2.43	38.63 3.73 -5.27	41.24 3.80 -6.02	47.57 3.74 -11.03	53.74 3.62 -16.63	67.26 3.63 -28.38	110.63 4.02 -66.01	259.32 4.95 -208.60	264.28 6.13 -202.43	280.52 7.54 -211.16	259.58 6.12 -195.67	250.53 5.19 -194.47	129.87 3.76 -86.05	53.37 3.43 -14.97	47.25 3.62 -10.10	41.83 3.22 -8.86
HOLTSVILLE_IC_2 23691	34.75 2.90 -5.28	30.49 2.62 -3.38	26.42 2.55 -1.34	23.72 2.37 -0.56	22.70 2.19 -0.61	25.23 2.34 -1.64	30.93 2.58 -3.77	28.24 2.76 -0.20	34.70 3.18 -2.31	38.19 3.44 -5.13	40.81 3.49 -5.91	46.87 3.41 -10.65	52.65 3.28 -15.88	65.51 3.17 -27.09	106.76 3.49 -62.66	246.47 4.35 -196.35	251.59 5.40 -190.46	267.40 6.74 -198.83	247.57 5.31 -184.47	238.09 4.53 -182.69	124.33 3.24 -81.04	52.30 3.01 -14.32	46.48 3.22 -9.74	41.32 2.86 -8.70
HOLTSVILLE_IC_3 23692	34.75 2.90 -5.28	30.49 2.62 -3.38	26.42 2.55 -1.34	23.72 2.37 -0.56	22.70 2.19 -0.61	25.23 2.34 -1.64	30.93 2.58 -3.77	28.24 2.76 -0.20	34.70 3.18 -2.31	38.19 3.44 -5.13	40.81 3.49 -5.91	46.87 3.41 -10.65	52.65 3.28 -15.88	65.51 3.17 -27.09	106.76 3.49 -62.66	246.47 4.35 -196.35	251.59 5.40 -190.46	267.40 6.74 -198.83	247.57 5.31 -184.47	238.09 4.53 -182.69	124.33 3.24 -81.04	52.30 3.01 -14.32	46.48 3.22 -9.74	41.32 2.86 -8.70

HOLTSVILLE_IC_4 23693	34.75 2.90 -5.28	30.49 2.62 -3.38	26.42 2.55 -1.34	23.72 2.37 -0.56	22.70 2.19 -0.61	25.23 2.34 -1.64	30.93 2.58 -3.77	28.24 2.76 -0.20	34.70 3.18 -2.31	38.19 3.44 -5.13	40.81 3.49 -5.91	46.87 3.41 -10.65	52.65 3.28 -15.88	65.51 3.17 -27.09	106.76 3.49 -62.66	246.47 4.35 -196.35	251.59 5.40 -190.46	267.40 6.74 -198.83	247.57 5.31 -184.47	238.09 4.53 -182.69	124.33 3.24 -81.04	52.30 3.01 -14.32	46.48 3.22 -9.74	41.32 2.86 -8.70
HOLTSVILLE_IC_5 23694	34.75 2.90 -5.28	30.49 2.62 -3.38	26.42 2.55 -1.34	23.72 2.37 -0.56	22.70 2.19 -0.61	25.23 2.34 -1.64	30.93 2.58 -3.77	28.24 2.76 -0.20	34.70 3.18 -2.31	38.19 3.44 -5.13	40.81 3.49 -5.91	46.87 3.41 -10.65	52.65 3.28 -15.88	65.51 3.17 -27.09	106.76 3.49 -62.66	246.47 4.35 -196.35	251.59 5.40 -190.46	267.40 6.74 -198.83	247.57 5.31 -184.47	238.09 4.53 -182.69	124.33 3.24 -81.04	52.30 3.01 -14.32	46.48 3.22 -9.74	41.32 2.86 -8.70
HOLTSVILLE_IC_6 23695	34.96 3.11 -5.28	30.69 2.82 -3.38	26.58 2.70 -1.34	23.89 2.54 -0.56	22.84 2.33 -0.61	25.38 2.48 -1.65	31.16 2.80 -3.77	28.47 2.98 -0.21	35.11 3.47 -2.43	38.63 3.73 -5.27	41.24 3.80 -6.02	47.57 3.74 -11.03	53.74 3.62 -16.63	67.26 3.63 -28.38	110.63 4.02 -66.01	259.32 4.95 -208.60	264.28 6.13 -202.43	280.52 7.54 -211.16	259.58 6.12 -195.67	250.53 5.19 -194.47	129.87 3.76 -86.05	53.37 3.43 -14.97	47.25 3.62 -10.10	41.83 3.22 -8.86
HOLTSVILLE_IC_7 23696	34.96 3.11 -5.28	30.69 2.82 -3.38	26.58 2.70 -1.34	23.89 2.54 -0.56	22.84 2.33 -0.61	25.38 2.48 -1.65	31.16 2.80 -3.77	28.47 2.98 -0.21	35.11 3.47 -2.43	38.63 3.73 -5.27	41.24 3.80 -6.02	47.57 3.74 -11.03	53.74 3.62 -16.63	67.26 3.63 -28.38	110.63 4.02 -66.01	259.32 4.95 -208.60	264.28 6.13 -202.43	280.52 7.54 -211.16	259.58 6.12 -195.67	250.53 5.19 -194.47	129.87 3.76 -86.05	53.37 3.43 -14.97	47.25 3.62 -10.10	41.83 3.22 -8.86
HOLTSVILLE_IC_8 23697	34.96 3.11 -5.28	30.69 2.82 -3.38	26.58 2.70 -1.34	23.89 2.54 -0.56	22.84 2.33 -0.61	25.38 2.48 -1.65	31.16 2.80 -3.77	28.47 2.98 -0.21	35.11 3.47 -2.43	38.63 3.73 -5.27	41.24 3.80 -6.02	47.57 3.74 -11.03	53.74 3.62 -16.63	67.26 3.63 -28.38	110.63 4.02 -66.01	259.32 4.95 -208.60	264.28 6.13 -202.43	280.52 7.54 -211.16	259.58 6.12 -195.67	250.53 5.19 -194.47	129.87 3.76 -86.05	53.37 3.43 -14.97	47.25 3.62 -10.10	41.83 3.22 -8.86
HOLTSVILLE_IC_9 23698	34.96 3.11 -5.28	30.69 2.82 -3.38	26.58 2.70 -1.34	23.89 2.54 -0.56	22.84 2.33 -0.61	25.38 2.48 -1.65	31.16 2.80 -3.77	28.47 2.98 -0.21	35.11 3.47 -2.43	38.63 3.73 -5.27	41.24 3.80 -6.02	47.57 3.74 -11.03	53.74 3.62 -16.63	67.26 3.63 -28.38	110.63 4.02 -66.01	259.32 4.95 -208.60	264.28 6.13 -202.43	280.52 7.54 -211.16	259.58 6.12 -195.67	250.53 5.19 -194.47	129.87 3.76 -86.05	53.37 3.43 -14.97	47.25 3.62 -10.10	41.83 3.22 -8.86
HOMER_HL_115KV_TB2 355744	26.70 0.13 0.00	24.69 0.20 0.00	22.53 0.00 0.00	20.83 0.04 0.00	20.10 0.20 0.00	21.50 0.25 0.00	25.08 0.49 0.00	25.81 0.53 0.00	30.11 0.91 0.00	30.01 0.39 0.00	31.99 0.57 0.00	33.59 0.79 0.00	34.29 0.80 0.00	36.38 1.13 0.00	41.17 0.57 0.00	46.23 0.46 0.00	55.50 -0.22 0.00	61.45 -0.37 0.00	57.55 -0.23 0.00	50.97 0.10 0.00	40.45 0.40 0.00	35.91 0.94 0.00	34.66 1.14 0.00	30.95 1.19 0.00
HOWARD_WT_PWR 323690	27.39 0.82 0.00	25.30 0.81 0.00	23.01 0.47 0.00	21.21 0.42 0.00	20.44 0.54 0.00	21.87 0.62 0.00	25.72 1.13 0.00	26.29 1.01 0.00	30.72 1.52 0.00	30.67 1.04 0.00	33.02 1.60 0.00	34.31 1.51 0.00	35.40 1.91 0.00	37.19 1.94 0.00	42.23 1.63 0.00	47.52 1.74 0.00	57.28 1.56 0.00	64.23 2.41 0.00	59.58 1.79 0.00	53.16 2.29 0.00	42.29 2.24 0.00	37.17 2.20 0.00	35.83 2.31 0.00	31.64 1.88 0.00
HQ_GEN_CEDARS 23644	26.70 0.13 0.00	24.62 0.12 0.00	22.60 0.07 0.00	20.83 0.04 0.00	19.99 0.08 0.00	21.31 0.06 0.00	24.68 0.10 0.00	25.33 0.05 0.00	28.80 -0.41 0.00	29.15 -0.47 0.00	30.73 -0.69 0.00	32.11 -0.69 0.00	32.85 -0.64 0.00	34.65 -0.60 0.00	39.87 -0.73 0.00	44.77 -1.01 0.00	54.67 -1.06 0.00	60.46 -1.36 0.00	56.86 -0.92 0.00	49.96 -0.92 0.00	39.29 -0.76 0.00	34.20 -0.77 0.00	32.99 -0.54 0.00	29.37 -0.39 0.00
HQ_GEN_CEDARS_PROXY 323590	26.70 0.13 0.00	24.62 0.12 0.00	22.60 0.07 0.00	20.83 0.04 0.00	19.99 0.08 0.00	21.31 0.06 0.00	24.69 0.10 0.00	25.33 0.05 0.00	28.80 -0.41 0.00	29.15 -0.48 0.00	30.70 -0.72 0.00	32.11 -0.69 0.00	32.85 -0.64 0.00	34.61 -0.63 0.00	39.87 -0.73 0.00	44.63 -1.14 0.00	54.66 -1.06 0.00	59.97 -1.85 0.00	56.86 -0.93 0.00	49.85 -1.02 0.00	39.25 -0.80 0.00	34.20 -0.77 0.00	32.98 -0.54 0.00	29.37 -0.39 0.00
HQ_GEN_IMPORT 323601	26.38 -0.18 0.00	24.32 -0.17 0.00	22.38 -0.16 0.00	20.62 -0.17 0.00	19.77 -0.14 0.00	21.08 -0.17 0.00	24.39 -0.20 0.00	25.08 -0.20 0.00	28.86 -0.35 0.00	29.27 -0.35 0.00	30.89 -0.53 0.00	32.28 -0.53 0.00	32.95 -0.54 0.00	34.72 -0.53 0.00	39.99 -0.61 0.00	45.00 -0.78 0.00	54.89 -0.83 0.00	60.34 -1.48 0.00	56.92 -0.87 0.00	50.01 -0.87 0.00	39.37 -0.68 0.00	34.34 -0.63 0.00	32.95 -0.57 0.00	29.37 -0.39 0.00
HQ_GEN_WHEEL 23651	26.38 -0.18 0.00	24.32 -0.17 0.00	22.38 -0.16 0.00	20.62 -0.17 0.00	19.77 -0.14 0.00	21.08 -0.17 0.00	24.39 -0.20 0.00	25.08 -0.20 0.00	28.86 -0.35 0.00	29.27 -0.35 0.00	30.89 -0.53 0.00	32.28 -0.53 0.00	32.95 -0.54 0.00	34.72 -0.53 0.00	39.99 -0.61 0.00	45.00 -0.78 0.00	54.89 -0.83 0.00	60.34 -1.48 0.00	56.92 -0.87 0.00	50.01 -0.87 0.00	39.37 -0.68 0.00	34.34 -0.63 0.00	32.95 -0.57 0.00	29.37 -0.39 0.00
HUDSON_AVE_GT_3 23810	28.56 1.99 0.00	26.21 1.71 0.00	24.13 1.60 0.00	22.29 1.50 0.00	21.22 1.31 0.00	22.67 1.42 0.00	26.11 1.52 0.00	27.07 1.79 0.00	31.40 2.19 0.00	32.09 2.46 0.00	34.15 2.73 0.00	35.59 2.79 0.00	36.20 2.71 0.00	37.96 2.71 0.00	43.77 3.17 0.00	49.58 3.80 0.00	60.52 4.79 0.00	67.33 5.50 0.00	62.29 4.51 0.00	54.43 3.56 0.00	42.73 2.68 0.00	37.35 2.38 0.00	35.87 2.35 0.00	31.81 2.05 0.00
HUDSON_AVE_GT_4 23540	28.56 1.99 0.00	26.21 1.71 0.00	24.13 1.60 0.00	22.29 1.50 0.00	21.22 1.31 0.00	22.67 1.42 0.00	26.11 1.52 0.00	27.07 1.79 0.00	31.40 2.19 0.00	32.09 2.46 0.00	34.15 2.73 0.00	35.59 2.79 0.00	36.20 2.71 0.00	37.96 2.71 0.00	43.77 3.17 0.00	49.58 3.80 0.00	60.52 4.79 0.00	67.33 5.50 0.00	62.29 4.51 0.00	54.43 3.56 0.00	42.73 2.68 0.00	37.35 2.38 0.00	35.87 2.35 0.00	31.81 2.05 0.00
HUDSON_AVE_GT_5 23657	28.56 1.99 0.00	26.21 1.71 0.00	24.13 1.60 0.00	22.29 1.50 0.00	21.22 1.31 0.00	22.67 1.42 0.00	26.11 1.52 0.00	27.07 1.79 0.00	31.40 2.19 0.00	32.09 2.46 0.00	34.15 2.73 0.00	35.59 2.79 0.00	36.20 2.71 0.00	37.96 2.71 0.00	43.77 3.17 0.00	49.58 3.80 0.00	60.52 4.79 0.00	67.33 5.50 0.00	62.29 4.51 0.00	54.43 3.56 0.00	42.73 2.68 0.00	37.35 2.38 0.00	35.87 2.35 0.00	31.81 2.05 0.00

HUDSON_AVE_10 24168	28.51 1.94 0.00	26.13 1.64 0.00	24.09 1.55 0.00	22.23 1.43 0.00	21.16 1.25 0.00	22.61 1.36 0.00	26.04 1.45 0.00	27.02 1.74 0.00	31.34 2.13 0.00	32.06 2.43 0.00	34.06 2.64 0.00	35.49 2.69 0.00	36.10 2.61 0.00	37.86 2.61 0.00	43.65 3.05 0.00	49.44 3.66 0.00	60.41 4.68 0.00	67.14 5.32 0.00	62.18 4.39 0.00	54.33 3.46 0.00	42.61 2.56 0.00	37.24 2.27 0.00	35.80 2.28 0.00	31.72 1.96 0.00
HUDSON___115KV_TB 4 355613	26.68 1.22 1.11	25.50 1.00 0.00	23.55 1.01 0.00	21.71 0.91 0.00	20.78 0.88 0.00	22.35 1.10 0.00	24.94 1.35 1.00	26.34 1.06 0.00	30.46 1.26 0.00	31.02 1.39 0.00	33.16 1.76 0.02	34.51 1.71 0.00	32.48 1.34 2.34	35.02 1.41 1.64	37.75 1.79 4.63	40.47 2.15 7.46	58.26 2.56 0.02	64.79 2.97 0.00	60.39 2.60 0.00	53.31 2.44 0.00	42.13 2.08 0.00	36.68 1.71 0.00	35.20 1.68 0.00	31.07 1.31 0.00
HUNTER MOUNT___DRP 323613	27.11 1.41 0.86	25.60 1.10 0.00	23.64 1.10 0.00	21.79 1.00 0.00	20.84 0.94 0.00	22.42 1.17 0.00	25.35 1.55 0.78	26.37 1.09 0.00	30.46 1.26 0.00	31.02 1.39 0.00	33.25 1.85 0.02	34.47 1.67 0.00	33.04 1.37 1.83	35.45 1.48 1.28	38.94 1.95 3.61	42.31 2.33 5.81	58.44 2.73 0.02	64.79 2.97 0.00	60.44 2.66 0.00	53.47 2.59 0.00	42.33 2.28 0.00	36.82 1.85 0.00	35.37 1.84 0.00	31.16 1.40 0.00
HUNTINGTON_RES_REC 323705	34.46 2.61 -5.28	30.17 2.30 -3.38	26.08 2.23 -1.32	23.41 2.08 -0.54	22.30 1.89 -0.50	24.89 2.02 -1.62	30.56 2.31 -3.66	27.98 2.60 -0.10	31.36 3.07 0.91	41.39 3.38 -8.39	43.32 3.33 -8.57	40.83 3.28 -4.75	60.72 3.15 -24.08	95.88 3.28 -57.35	185.31 3.66 -141.06	533.96 4.62 -483.56	532.64 5.80 -471.12	556.79 7.17 -487.80	510.56 5.72 -447.06	514.46 4.78 -458.81	242.03 3.40 -198.58	67.67 3.08 -29.62	40.79 3.19 -4.09	43.05 2.83 -10.46
HUNTLEY___63 23557	26.51 -0.05 0.00	24.59 0.10 0.00	22.42 -0.11 0.00	20.65 -0.15 0.00	19.95 0.04 0.00	21.25 0.00 0.00	24.91 0.32 0.00	25.38 0.10 0.00	29.88 0.67 0.00	29.66 0.03 0.00	31.45 0.03 0.00	33.06 0.26 0.00	34.09 0.60 0.00	36.31 1.06 0.00	40.68 0.08 0.00	45.59 -0.18 0.00	54.55 -1.17 0.00	60.65 -1.17 0.00	56.80 -0.98 0.00	50.46 -0.41 0.00	40.25 0.20 0.00	35.70 0.73 0.00	34.93 1.41 0.00	30.65 0.89 0.00
HUNTLEY___64 23558	26.51 -0.05 0.00	24.59 0.10 0.00	22.42 -0.11 0.00	20.65 -0.15 0.00	19.95 0.04 0.00	21.25 0.00 0.00	24.91 0.32 0.00	25.38 0.10 0.00	29.88 0.67 0.00	29.66 0.03 0.00	31.45 0.03 0.00	33.06 0.26 0.00	34.09 0.60 0.00	36.31 1.06 0.00	40.68 0.08 0.00	45.59 -0.18 0.00	54.55 -1.17 0.00	60.65 -1.17 0.00	56.80 -0.98 0.00	50.46 -0.41 0.00	40.25 0.20 0.00	35.70 0.73 0.00	34.93 1.41 0.00	30.65 0.89 0.00
HUNTLEY___65 23559	26.51 -0.05 0.00	24.59 0.10 0.00	22.42 -0.11 0.00	20.65 -0.15 0.00	19.95 0.04 0.00	21.25 0.00 0.00	24.91 0.32 0.00	25.38 0.10 0.00	29.88 0.67 0.00	29.66 0.03 0.00	31.45 0.03 0.00	33.06 0.26 0.00	34.09 0.60 0.00	36.31 1.06 0.00	40.68 0.08 0.00	45.59 -0.18 0.00	54.55 -1.17 0.00	60.65 -1.17 0.00	56.80 -0.98 0.00	50.46 -0.41 0.00	40.25 0.20 0.00	35.70 0.73 0.00	34.93 1.41 0.00	30.65 0.89 0.00
HUNTLEY___66 23560	26.51 -0.05 0.00	24.59 0.10 0.00	22.42 -0.11 0.00	20.65 -0.15 0.00	19.95 0.04 0.00	21.25 0.00 0.00	24.91 0.32 0.00	25.38 0.10 0.00	29.88 0.67 0.00	29.66 0.03 0.00	31.45 0.03 0.00	33.06 0.26 0.00	34.09 0.60 0.00	36.31 1.06 0.00	40.68 0.08 0.00	45.59 -0.18 0.00	54.55 -1.17 0.00	60.65 -1.17 0.00	56.80 -0.98 0.00	50.46 -0.41 0.00	40.25 0.20 0.00	35.70 0.73 0.00	34.93 1.41 0.00	30.65 0.89 0.00
HUNTLEY___67 23561	26.33 -0.24 0.00	24.42 -0.07 0.00	22.29 -0.25 0.00	20.52 -0.27 0.00	19.83 -0.08 0.00	21.12 -0.13 0.00	24.76 0.17 0.00	25.20 -0.08 0.00	29.67 0.47 0.00	29.45 -0.18 0.00	31.26 -0.16 0.00	32.83 0.03 0.00	33.82 0.33 0.00	35.99 0.74 0.00	40.48 -0.12 0.00	45.36 -0.41 0.00	54.33 -1.39 0.00	60.40 -1.42 0.00	56.63 -1.16 0.00	50.31 -0.56 0.00	39.97 -0.08 0.00	35.46 0.49 0.00	34.66 1.14 0.00	30.44 0.68 0.00
HUNTLEY___68 23562	26.33 -0.24 0.00	24.42 -0.07 0.00	22.29 -0.25 0.00	20.52 -0.27 0.00	19.83 -0.08 0.00	21.12 -0.13 0.00	24.76 0.17 0.00	25.20 -0.08 0.00	29.67 0.47 0.00	29.45 -0.18 0.00	31.26 -0.16 0.00	32.83 0.03 0.00	33.82 0.33 0.00	35.99 0.74 0.00	40.48 -0.12 0.00	45.36 -0.41 0.00	54.33 -1.39 0.00	60.40 -1.42 0.00	56.63 -1.16 0.00	50.31 -0.56 0.00	39.97 -0.08 0.00	35.46 0.49 0.00	34.66 1.14 0.00	30.44 0.68 0.00
HYLAND___LFGE 323620	28.00 1.43 0.00	25.91 1.42 0.00	23.52 0.99 0.00	21.64 0.85 0.00	20.82 0.92 0.00	22.27 1.02 0.00	26.28 1.70 0.00	26.67 1.39 0.00	30.87 1.66 0.00	30.34 0.71 0.00	32.30 0.88 0.00	33.62 0.82 0.00	34.26 0.77 0.00	35.88 0.64 0.00	40.03 -0.57 0.00	45.27 -0.50 0.00	54.83 -0.89 0.00	62.01 0.19 0.00	58.77 0.98 0.00	53.46 2.59 0.00	42.85 2.80 0.00	38.43 3.46 0.00	37.18 3.65 0.00	32.62 2.86 0.00
INDECK___CORINTH 23802	28.92 1.35 -1.00	25.74 1.25 0.00	23.75 1.22 0.00	21.85 1.06 0.00	20.92 1.01 0.00	22.40 1.15 0.00	26.72 1.28 -0.85	26.54 1.26 0.00	30.78 1.58 0.00	31.32 1.69 0.00	33.23 1.79 -0.02	34.67 1.87 0.00	37.10 1.51 -2.11	38.48 1.76 -1.47	46.91 2.15 -4.16	55.04 2.56 -6.70	58.98 3.23 -0.02	66.09 4.26 0.00	61.77 3.98 0.00	54.54 3.66 0.00	43.33 3.28 0.00	37.66 2.69 0.00	35.77 2.25 0.00	31.49 1.73 0.00
INDECK___ILION 23567	26.51 -0.05 0.00	24.42 -0.07 0.00	22.47 -0.07 0.00	20.73 -0.06 0.00	19.83 -0.08 0.00	21.16 -0.08 0.00	24.49 -0.10 0.00	25.18 -0.10 0.00	29.09 -0.12 0.00	29.54 -0.09 0.00	31.45 0.03 0.00	32.83 0.03 0.00	33.52 0.03 0.00	35.28 0.04 0.00	40.48 -0.12 0.00	45.59 -0.18 0.00	55.56 -0.17 0.00	61.76 -0.06 0.00	57.73 -0.06 0.00	50.87 0.00 0.00	40.05 0.00 0.00	35.00 0.03 0.00	33.49 -0.03 0.00	29.70 -0.06 0.00
INDECK___OLEAN 23982	26.83 0.27 0.00	24.86 0.37 0.00	22.53 0.00 0.00	20.83 0.04 0.00	20.10 0.20 0.00	21.55 0.30 0.00	25.32 0.74 0.00	25.83 0.56 0.00	30.11 0.91 0.00	30.01 0.38 0.00	32.14 0.72 0.00	33.16 0.36 0.00	34.33 0.84 0.00	36.23 0.99 0.00	41.17 0.57 0.00	46.28 0.50 0.00	55.45 -0.28 0.00	62.07 0.25 0.00	57.21 -0.58 0.00	51.13 0.26 0.00	40.77 0.72 0.00	35.88 0.91 0.00	34.73 1.21 0.00	31.01 1.25 0.00
INDECK___OSWEGO 23783	25.98 -0.58 0.00	23.98 -0.52 0.00	22.04 -0.50 0.00	20.31 -0.48 0.00	19.49 -0.42 0.00	20.78 -0.47 0.00	24.12 -0.47 0.00	24.80 -0.48 0.00	28.83 -0.38 0.00	29.12 -0.50 0.00	31.04 -0.38 0.00	32.15 -0.66 0.00	32.89 -0.60 0.00	34.61 -0.63 0.00	39.83 -0.77 0.00	44.86 -0.92 0.00	54.55 -1.17 0.00	60.83 -0.99 0.00	56.69 -1.10 0.00	50.05 -0.82 0.00	39.45 -0.60 0.00	34.48 -0.49 0.00	33.05 -0.47 0.00	29.46 -0.30 0.00



INDECK___YERKES 23781	26.70 0.13 0.00	24.81 0.32 0.00	22.44 -0.09 0.00	20.67 -0.12 0.00	19.97 0.06 0.00	21.31 0.06 0.00	25.27 0.69 0.00	25.41 0.13 0.00	29.91 0.70 0.00	29.69 0.06 0.00	31.80 0.38 0.00	33.13 0.33 0.00	34.26 0.77 0.00	36.09 0.84 0.00	40.92 0.32 0.00	45.73 -0.05 0.00	54.66 -1.06 0.00	61.09 -0.74 0.00	56.69 -1.10 0.00	50.72 -0.15 0.00	40.61 0.56 0.00	35.81 0.84 0.00	35.10 1.58 0.00	30.92 1.16 0.00
INDIAN POINT_GT_1 24139	28.21 1.65 0.00	25.94 1.45 0.00	23.91 1.37 0.00	22.10 1.31 0.00	21.04 1.13 0.00	22.48 1.23 0.00	25.89 1.30 0.00	26.80 1.52 0.00	30.99 1.78 0.00	31.64 2.01 0.00	33.71 2.29 0.00	35.16 2.36 0.00	35.83 2.34 0.00	37.57 2.33 0.00	43.32 2.72 0.00	49.07 3.30 0.00	59.90 4.18 0.00	66.65 4.82 0.00	61.77 3.99 0.00	54.08 3.20 0.00	42.45 2.40 0.00	37.07 2.10 0.00	35.53 2.01 0.00	31.52 1.76 0.00
INDIAN POINT_GT_2 23659	28.21 1.65 0.00	25.94 1.45 0.00	23.91 1.37 0.00	22.10 1.31 0.00	21.04 1.13 0.00	22.48 1.23 0.00	25.89 1.30 0.00	26.80 1.52 0.00	30.99 1.78 0.00	31.64 2.01 0.00	33.71 2.29 0.00	35.16 2.36 0.00	35.83 2.34 0.00	37.57 2.33 0.00	43.32 2.72 0.00	49.07 3.30 0.00	59.90 4.18 0.00	66.65 4.82 0.00	61.77 3.99 0.00	54.08 3.20 0.00	42.45 2.40 0.00	37.07 2.10 0.00	35.53 2.01 0.00	31.52 1.76 0.00
INDIAN POINT_GT_3 24019	28.21 1.65 0.00	25.94 1.45 0.00	23.91 1.37 0.00	22.10 1.31 0.00	21.04 1.13 0.00	22.48 1.23 0.00	25.89 1.30 0.00	26.80 1.52 0.00	30.99 1.78 0.00	31.64 2.01 0.00	33.71 2.29 0.00	35.16 2.36 0.00	35.83 2.34 0.00	37.57 2.33 0.00	43.32 2.72 0.00	49.07 3.30 0.00	59.90 4.18 0.00	66.65 4.82 0.00	61.77 3.99 0.00	54.08 3.20 0.00	42.45 2.40 0.00	37.07 2.10 0.00	35.53 2.01 0.00	31.52 1.76 0.00
INDIAN POINT___2 23530	28.16 1.59 0.00	25.86 1.37 0.00	23.89 1.35 0.00	22.06 1.27 0.00	21.02 1.11 0.00	22.46 1.21 0.00	25.82 1.23 0.00	26.77 1.49 0.00	30.96 1.75 0.00	31.61 1.99 0.00	33.65 2.23 0.00	35.13 2.33 0.00	35.77 2.28 0.00	37.51 2.26 0.00	43.20 2.60 0.00	48.98 3.20 0.00	59.74 4.01 0.00	66.95 5.13 0.00	61.60 3.81 0.00	53.97 3.10 0.00	42.17 2.12 0.00	37.00 2.03 0.00	35.43 1.91 0.00	31.43 1.67 0.00
INDIAN POINT___3 23531	28.19 1.62 0.00	25.91 1.42 0.00	23.89 1.35 0.00	22.08 1.29 0.00	21.02 1.11 0.00	22.48 1.23 0.00	25.89 1.30 0.00	26.77 1.49 0.00	30.93 1.72 0.00	31.61 1.99 0.00	33.65 2.23 0.00	35.13 2.33 0.00	35.77 2.28 0.00	37.47 2.22 0.00	43.20 2.60 0.00	48.94 3.16 0.00	59.68 3.96 0.00	66.40 4.58 0.00	61.48 3.70 0.00	53.87 3.00 0.00	42.29 2.24 0.00	37.00 2.03 0.00	35.43 1.91 0.00	31.46 1.70 0.00
INGHAM_C_115KV_TB7 356103	26.27 -0.29 0.00	24.20 -0.29 0.00	22.24 -0.29 0.00	20.50 -0.29 0.00	19.61 -0.30 0.00	20.95 -0.30 0.00	24.24 -0.34 0.00	24.92 -0.35 0.00	28.80 -0.41 0.00	29.24 -0.39 0.00	31.20 -0.22 0.00	32.57 -0.23 0.00	33.25 -0.23 0.00	35.00 -0.25 0.00	39.95 -0.65 0.00	45.00 -0.78 0.00	54.89 -0.84 0.00	61.08 -0.74 0.00	57.15 -0.64 0.00	50.41 -0.46 0.00	39.65 -0.40 0.00	34.73 -0.24 0.00	33.22 -0.30 0.00	29.46 -0.30 0.00
IP CORINTH___1 23988	29.08 1.51 -1.00	25.89 1.40 0.00	23.86 1.33 0.00	21.98 1.19 0.00	21.04 1.13 0.00	22.52 1.27 0.00	26.89 1.45 -0.85	26.67 1.39 0.00	30.96 1.75 0.00	31.50 1.87 0.00	33.39 1.95 -0.02	34.87 2.07 0.00	37.30 1.71 -2.11	38.69 1.97 -1.47	47.20 2.44 -4.16	55.40 2.93 -6.70	59.26 3.51 -0.02	66.09 4.27 0.00	62.06 4.28 0.00	54.79 3.92 0.00	43.65 3.60 0.00	37.87 2.90 0.00	36.00 2.48 0.00	31.66 1.90 0.00
IP___TICONDEROGA 23804	30.75 3.08 -1.10	27.26 2.77 0.00	25.10 2.57 0.00	23.06 2.27 0.00	22.13 2.23 0.00	23.71 2.46 0.00	28.38 2.85 -0.94	28.13 2.86 0.00	32.74 3.53 0.00	33.27 3.64 0.00	35.50 4.05 -0.02	37.13 4.33 0.00	40.00 4.19 -2.32	41.63 4.76 -1.62	50.96 5.77 -4.59	59.76 6.59 -7.39	63.83 8.08 -0.02	71.41 9.58 0.00	66.97 9.19 0.00	59.32 8.44 0.00	47.38 7.33 0.00	41.02 6.05 0.00	38.65 5.13 0.00	33.78 4.02 0.00
ISLIP_RES_REC 323679	35.15 3.29 -5.28	30.83 2.96 -3.38	26.71 2.84 -1.34	23.99 2.64 -0.56	22.96 2.45 -0.61	25.51 2.61 -1.65	31.30 2.95 -3.77	28.64 3.16 -0.20	35.17 3.71 -2.26	38.69 4.00 -5.06	41.36 4.08 -5.85	48.78 4.10 -11.88	53.93 4.02 -16.43	65.78 4.05 -26.48	106.20 4.51 -61.09	241.90 5.54 -190.59	247.35 6.80 -184.83	263.21 8.34 -193.04	243.81 6.82 -179.21	233.77 5.75 -177.16	122.94 4.20 -78.68	52.80 3.81 -14.01	48.43 3.99 -10.92	42.05 3.48 -8.81
JAMAICA__27_KV_LOAD 355505	28.69 2.13 0.00	26.28 1.79 0.00	24.20 1.67 0.00	22.33 1.54 0.00	21.22 1.31 0.00	22.71 1.47 0.00	26.18 1.60 0.00	27.20 1.92 0.00	31.60 2.39 0.00	32.33 2.70 0.00	34.25 2.83 0.00	35.69 2.89 0.00	36.27 2.78 0.00	38.03 2.78 0.00	43.85 3.25 0.00	49.76 3.98 0.00	60.80 5.07 0.00	67.70 5.87 0.00	62.64 4.85 0.00	54.74 3.87 0.00	42.89 2.84 0.00	37.45 2.48 0.00	36.10 2.58 0.00	31.99 2.23 0.00
JANIS___SOLAR 323808	27.87 1.30 0.00	25.69 1.20 0.00	23.48 0.95 0.00	21.69 0.89 0.00	20.78 0.87 0.00	22.23 0.98 0.00	25.89 1.30 0.00	26.52 1.24 0.00	30.67 1.46 0.00	30.75 1.13 0.00	32.93 1.51 0.00	34.24 1.44 0.00	35.10 1.61 0.00	36.94 1.69 0.00	42.51 1.91 0.00	47.88 2.11 0.00	58.68 2.95 0.00	65.90 4.08 0.00	61.77 3.98 0.00	54.89 4.02 0.00	43.37 3.32 0.00	37.80 2.83 0.00	36.00 2.48 0.00	31.72 1.96 0.00
JARVIS____ 23743	26.59 0.03 0.00	24.49 0.00 0.00	22.53 0.00 0.00	20.79 0.00 0.00	19.91 0.00 0.00	21.25 0.00 0.00	24.59 0.00 0.00	25.28 0.00 0.00	29.21 0.00 0.00	29.66 0.03 0.00	31.51 0.09 0.00	32.87 0.07 0.00	33.56 0.07 0.00	35.28 0.04 0.00	40.64 0.04 0.00	45.87 0.09 0.00	55.84 0.11 0.00	62.07 0.25 0.00	57.90 0.12 0.00	51.02 0.15 0.00	40.13 0.08 0.00	35.04 0.07 0.00	33.59 0.07 0.00	29.79 0.03 0.00
JENNISON___1 23625	28.05 1.49 0.00	25.84 1.35 0.00	23.66 1.13 0.00	21.85 1.06 0.00	20.94 1.04 0.00	22.37 1.13 0.00	25.94 1.35 0.00	26.64 1.37 0.00	30.87 1.66 0.00	31.11 1.48 0.00	33.34 1.92 0.00	34.80 2.00 0.00	35.67 2.18 0.00	37.68 2.43 0.00	43.32 2.72 0.00	48.71 2.93 0.00	59.57 3.84 0.00	66.34 4.51 0.00	62.24 4.45 0.00	55.04 4.17 0.00	43.29 3.24 0.00	37.84 2.87 0.00	36.07 2.55 0.00	31.81 2.05 0.00
JENNISON___2 23626	28.05 1.49 0.00	25.84 1.35 0.00	23.66 1.13 0.00	21.85 1.06 0.00	20.94 1.04 0.00	22.37 1.13 0.00	25.94 1.35 0.00	26.64 1.37 0.00	30.87 1.66 0.00	31.11 1.48 0.00	33.34 1.92 0.00	34.80 2.00 0.00	35.67 2.18 0.00	37.68 2.43 0.00	43.32 2.72 0.00	48.71 2.93 0.00	59.57 3.84 0.00	66.34 4.51 0.00	62.24 4.45 0.00	55.04 4.17 0.00	43.29 3.24 0.00	37.84 2.87 0.00	36.07 2.55 0.00	31.81 2.05 0.00

JERICO_RISE_WT_PWR 323719	27.02 0.45 0.00	24.86 0.37 0.00	22.80 0.27 0.00	20.98 0.19 0.00	20.10 0.20 0.00	21.44 0.19 0.00	24.88 0.30 0.00	25.41 0.13 0.00	28.97 -0.23 0.00	29.39 -0.24 0.00	30.95 -0.47 0.00	32.47 -0.33 0.00	33.29 -0.20 0.00	35.18 -0.07 0.00	40.40 -0.20 0.00	45.09 -0.69 0.00	55.34 -0.39 0.00	60.71 -1.11 0.00	57.38 -0.40 0.00	49.90 -0.97 0.00	39.17 -0.88 0.00	33.75 -1.22 0.00	32.35 -1.17 0.00	28.81 -0.95 0.00
KATONAH__115KV_46KV_TB4 355592	28.29 1.73 0.00	26.01 1.52 0.00	24.02 1.49 0.00	22.18 1.39 0.00	21.08 1.17 0.00	22.52 1.27 0.00	25.94 1.35 0.00	26.90 1.62 0.00	31.10 1.90 0.00	31.76 2.13 0.00	33.90 2.48 0.00	35.33 2.53 0.00	36.10 2.61 0.00	38.00 2.75 0.00	43.93 3.33 0.00	49.80 4.03 0.00	60.80 5.07 0.00	67.82 6.00 0.00	62.76 4.97 0.00	54.84 3.97 0.00	42.97 2.92 0.00	37.42 2.45 0.00	35.77 2.25 0.00	31.66 1.90 0.00
KCE_NY_1 323755	29.43 1.62 -1.24	25.99 1.49 0.00	23.98 1.44 0.00	22.10 1.31 0.00	21.16 1.25 0.00	22.61 1.36 0.00	27.15 1.50 -1.06	26.74 1.47 0.00	30.99 1.78 0.00	31.55 1.92 0.00	33.55 2.11 -0.03	35.00 2.20 0.00	38.19 2.08 -2.63	39.34 2.26 -1.84	48.48 2.68 -5.20	57.34 3.20 -8.36	59.65 3.90 -0.03	66.77 4.95 0.00	62.00 4.22 0.00	54.69 3.82 0.00	43.21 3.16 0.00	37.66 2.69 0.00	35.90 2.38 0.00	31.69 1.93 0.00
KCE_NY_6_ESR 323823	26.86 0.29 0.00	24.91 0.42 0.00	22.56 0.02 0.00	20.79 0.00 0.00	20.06 0.16 0.00	21.46 0.21 0.00	25.40 0.81 0.00	25.63 0.35 0.00	30.11 0.91 0.00	29.93 0.30 0.00	32.05 0.63 0.00	33.42 0.62 0.00	34.56 1.07 0.00	36.38 1.13 0.00	41.29 0.69 0.00	46.37 0.59 0.00	55.50 -0.22 0.00	62.01 0.19 0.00	57.50 -0.29 0.00	51.48 0.61 0.00	41.13 1.08 0.00	36.12 1.15 0.00	35.30 1.78 0.00	31.07 1.31 0.00
KEDC_PORT_JEFF_GT2 24210	34.85 3.00 -5.28	30.59 2.72 -3.38	26.49 2.61 -1.34	23.79 2.43 -0.57	22.77 2.25 -0.62	25.30 2.40 -1.65	31.05 2.68 -3.78	28.35 2.86 -0.22	35.24 3.36 -2.67	38.79 3.61 -5.54	41.31 3.64 -6.25	46.57 3.54 -10.22	53.81 3.18 -17.14	69.38 3.17 -30.96	116.78 3.49 -72.69	283.26 4.40 -233.09	287.55 5.46 -226.36	304.42 6.80 -235.80	281.28 5.43 -218.06	273.41 4.53 -218.01	139.37 3.24 -96.07	54.22 2.97 -16.28	46.31 3.45 -9.33	41.79 3.07 -8.97
KEDC_PORT_JEFF_GT3 24211	34.85 3.00 -5.28	30.59 2.72 -3.38	26.49 2.61 -1.34	23.79 2.43 -0.57	22.77 2.25 -0.62	25.30 2.40 -1.65	31.05 2.68 -3.78	28.35 2.86 -0.22	35.24 3.36 -2.67	38.79 3.61 -5.54	41.31 3.64 -6.25	46.57 3.54 -10.22	53.81 3.18 -17.14	69.38 3.17 -30.96	116.78 3.49 -72.69	283.26 4.40 -233.09	287.55 5.46 -226.36	304.42 6.80 -235.80	281.28 5.43 -218.06	273.41 4.53 -218.01	139.37 3.24 -96.07	54.22 2.97 -16.28	46.31 3.45 -9.33	41.79 3.07 -8.97
KEDC_GLWD_GT4 24219	34.06 2.20 -5.29	29.78 1.91 -3.38	25.73 1.87 -1.33	23.07 1.72 -0.55	22.01 1.55 -0.55	24.54 1.66 -1.64	30.09 1.79 -3.71	27.50 2.07 -0.15	32.13 2.45 -0.47	35.25 2.64 -2.98	38.53 2.95 -4.16	40.57 3.08 -4.69	40.66 3.02 -4.16	45.41 3.03 -7.13	55.08 3.53 -10.94	56.74 4.12 -6.84	66.12 5.12 -5.28	76.42 6.43 -8.17	73.97 4.97 -11.21	55.49 4.12 -0.50	46.42 2.89 -3.49	41.86 2.66 -4.23	40.10 2.55 -4.03	38.18 2.17 -6.25
KEDC_GLWD_GT5 24220	34.06 2.20 -5.29	29.78 1.91 -3.38	25.73 1.87 -1.33	23.07 1.72 -0.55	22.01 1.55 -0.55	24.54 1.66 -1.64	30.09 1.79 -3.71	27.50 2.07 -0.15	32.13 2.45 -0.47	35.25 2.64 -2.98	38.53 2.95 -4.16	40.57 3.08 -4.69	40.66 3.02 -4.16	45.41 3.03 -7.13	55.08 3.53 -10.94	56.74 4.12 -6.84	66.12 5.12 -5.28	76.42 6.43 -8.17	73.97 4.97 -11.21	55.49 4.12 -0.50	46.42 2.89 -3.49	41.86 2.66 -4.23	40.10 2.55 -4.03	38.18 2.17 -6.25
KENSICO____ 23655	28.32 1.75 0.00	26.04 1.54 0.00	24.00 1.46 0.00	22.16 1.37 0.00	21.10 1.19 0.00	22.57 1.32 0.00	25.99 1.40 0.00	26.90 1.62 0.00	31.10 1.90 0.00	31.79 2.16 0.00	33.84 2.42 0.00	35.29 2.49 0.00	35.97 2.48 0.00	37.68 2.43 0.00	43.44 2.84 0.00	49.26 3.48 0.00	60.07 4.35 0.00	66.83 5.01 0.00	61.89 4.10 0.00	54.18 3.31 0.00	42.53 2.48 0.00	37.17 2.20 0.00	35.63 2.11 0.00	31.61 1.85 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	28.19 1.73 0.10	25.96 1.47 0.00	23.95 1.42 0.00	22.10 1.31 0.00	21.00 1.09 0.00	22.44 1.19 0.00	25.80 1.30 0.09	26.67 1.39 0.00	30.78 1.58 0.00	31.41 1.78 0.00	33.55 2.14 0.00	35.07 2.26 0.00	35.66 2.38 0.21	37.43 2.33 0.15	42.86 2.68 0.42	48.40 3.30 0.67	60.01 4.29 0.00	66.83 5.01 0.00	62.00 4.22 0.00	54.38 3.51 0.00	42.65 2.60 0.00	37.24 2.27 0.00	35.60 2.08 0.00	31.52 1.76 0.00
KIAC_JFK_GT1 23816	28.61 2.05 0.00	26.21 1.71 0.00	24.13 1.60 0.00	22.27 1.48 0.00	21.18 1.27 0.00	22.65 1.40 0.00	26.11 1.52 0.00	27.12 1.85 0.00	31.51 2.31 0.00	32.24 2.61 0.00	34.12 2.70 0.00	35.56 2.76 0.00	36.13 2.65 0.00	37.89 2.64 0.00	43.73 3.13 0.00	49.58 3.80 0.00	60.57 4.85 0.00	67.39 5.56 0.00	62.41 4.62 0.00	54.53 3.66 0.00	42.77 2.72 0.00	37.31 2.34 0.00	36.00 2.48 0.00	31.87 2.11 0.00
KIAC_JFK_GT2 23817	28.61 2.05 0.00	26.21 1.71 0.00	24.13 1.60 0.00	22.27 1.48 0.00	21.18 1.27 0.00	22.65 1.40 0.00	26.11 1.52 0.00	27.12 1.85 0.00	31.51 2.31 0.00	32.24 2.61 0.00	34.12 2.70 0.00	35.56 2.76 0.00	36.13 2.65 0.00	37.89 2.64 0.00	43.73 3.13 0.00	49.58 3.80 0.00	60.57 4.85 0.00	67.39 5.56 0.00	62.41 4.62 0.00	54.53 3.66 0.00	42.77 2.72 0.00	37.31 2.34 0.00	36.00 2.48 0.00	31.87 2.11 0.00
KIAC_JFK____ 323774	28.59 2.02 0.00	26.11 1.62 0.00	24.13 1.60 0.00	22.27 1.48 0.00	21.18 1.28 0.00	22.63 1.38 0.00	26.04 1.45 0.00	27.12 1.84 0.00	31.51 2.31 0.00	32.24 2.61 0.00	34.12 2.70 0.00	35.56 2.76 0.00	36.07 2.58 0.00	37.93 2.68 0.00	43.68 3.08 0.00	49.57 3.80 0.00	60.52 4.79 0.00	67.95 6.12 0.00	62.46 4.68 0.00	54.54 3.66 0.00	42.57 2.52 0.00	37.31 2.34 0.00	35.94 2.42 0.00	31.84 2.08 0.00
KINTIGH____ 23543	26.12 -0.45 0.00	24.22 -0.27 0.00	22.13 -0.41 0.00	20.40 -0.40 0.00	19.67 -0.24 0.00	20.95 -0.30 0.00	24.56 -0.02 0.00	25.03 -0.25 0.00	29.41 0.20 0.00	29.24 -0.39 0.00	31.01 -0.41 0.00	32.54 -0.26 0.00	33.49 0.00 0.00	35.57 0.32 0.00	40.19 -0.41 0.00	45.04 -0.73 0.00	54.11 -1.62 0.00	60.22 -1.61 0.00	56.40 -1.39 0.00	50.01 -0.86 0.00	39.69 -0.36 0.00	35.14 0.17 0.00	34.29 0.77 0.00	30.12 0.36 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	27.39 0.82 0.00	25.20 0.71 0.00	23.12 0.59 0.00	21.27 0.48 0.00	20.40 0.50 0.00	21.74 0.49 0.00	25.25 0.66 0.00	25.81 0.53 0.00	29.41 0.20 0.00	29.81 0.18 0.00	31.39 -0.03 0.00	32.93 0.13 0.00	33.82 0.33 0.00	35.67 0.42 0.00	41.09 0.49 0.00	46.01 0.23 0.00	56.34 0.61 0.00	62.32 0.49 0.00	58.54 0.75 0.00	50.92 0.05 0.00	39.97 -0.08 0.00	34.38 -0.59 0.00	32.89 -0.64 0.00	29.22 -0.54 0.00

LACHUTE____HYDRO 323717	30.75 3.08 -1.10	27.26 2.77 0.00	25.10 2.57 0.00	23.06 2.27 0.00	22.13 2.23 0.00	23.71 2.46 0.00	28.33 2.80 -0.94	28.13 2.86 0.00	32.74 3.53 0.00	33.27 3.64 0.00	35.52 4.08 -0.02	37.13 4.33 0.00	40.00 4.19 -2.32	41.56 4.69 -1.62	50.92 5.73 -4.59	59.57 6.41 -7.39	63.77 8.03 -0.02	71.78 9.96 0.00	66.97 9.19 0.00	59.37 8.50 0.00	47.34 7.29 0.00	41.02 6.05 0.00	38.65 5.13 0.00	33.78 4.02 0.00
LAWRNCAV_115KV_TB1 80681	26.67 0.11 0.00	24.59 0.10 0.00	22.56 0.02 0.00	20.77 -0.02 0.00	19.95 0.04 0.00	21.27 0.02 0.00	24.66 0.07 0.00	25.28 0.00 0.00	28.65 -0.55 0.00	28.92 -0.71 0.00	30.41 -1.01 0.00	31.79 -1.02 0.00	32.52 -0.97 0.00	34.26 -0.99 0.00	39.46 -1.14 0.00	44.08 -1.69 0.00	54.00 -1.73 0.00	59.72 -2.10 0.00	56.28 -1.50 0.00	49.50 -1.37 0.00	38.85 -1.20 0.00	33.85 -1.12 0.00	32.92 -0.60 0.00	29.28 -0.48 0.00
LEDERLE____ 23769	28.27 1.70 0.00	25.99 1.49 0.00	23.95 1.42 0.00	22.12 1.33 0.00	21.06 1.15 0.00	22.52 1.27 0.00	25.94 1.35 0.00	26.82 1.54 0.00	30.99 1.78 0.00	31.67 2.04 0.00	33.74 2.33 0.00	35.26 2.46 0.00	35.93 2.44 0.00	37.64 2.40 0.00	43.36 2.76 0.00	49.12 3.34 0.00	59.96 4.24 0.00	66.71 4.88 0.00	61.77 3.99 0.00	54.08 3.20 0.00	42.45 2.40 0.00	37.14 2.17 0.00	35.57 2.04 0.00	31.58 1.82 0.00
LIGHTHSE_115KV_TB6 355974	26.38 -0.19 0.00	24.32 -0.17 0.00	22.33 -0.20 0.00	20.56 -0.23 0.00	19.75 -0.16 0.00	21.08 -0.17 0.00	24.44 -0.15 0.00	25.13 -0.15 0.00	29.09 -0.12 0.00	29.39 -0.24 0.00	31.26 -0.16 0.00	32.64 -0.16 0.00	33.32 -0.17 0.00	35.14 -0.11 0.00	40.32 -0.28 0.00	45.27 -0.50 0.00	55.22 -0.50 0.00	61.45 -0.37 0.00	57.73 -0.06 0.00	51.07 0.20 0.00	40.13 0.08 0.00	35.18 0.21 0.00	33.72 0.20 0.00	29.85 0.09 0.00
LINDEN COGEN____ 23786	28.32 1.75 0.00	25.94 1.44 0.00	23.98 1.44 0.00	22.12 1.33 0.00	21.06 1.15 0.00	22.50 1.25 0.00	25.86 1.28 0.00	26.90 1.62 0.00	31.16 1.96 0.00	31.88 2.25 0.00	33.90 2.48 0.00	35.33 2.53 0.00	35.49 2.38 0.38	34.99 2.36 2.62	39.39 2.72 3.94	45.25 3.39 3.91	55.46 4.23 4.49	57.17 5.44 10.10	49.83 3.98 11.94	42.73 3.16 11.30	36.85 2.12 5.32	34.27 2.06 2.76	34.41 1.98 1.09	31.52 1.76 0.00
LINDHRST_69_KV_BK1 356055	34.80 2.95 -5.28	30.52 2.65 -3.38	26.34 2.48 -1.33	23.65 2.31 -0.55	22.57 2.11 -0.55	25.18 2.29 -1.64	30.86 2.56 -3.72	28.13 2.70 -0.15	33.02 3.18 -0.63	36.27 3.47 -3.17	39.41 3.68 -4.31	44.42 3.77 -7.84	44.33 3.75 -7.09	47.83 3.70 -8.88	60.14 4.06 -15.48	74.15 4.90 -23.48	83.39 6.13 -21.53	93.78 7.05 -24.91	90.33 5.14 -26.42	72.51 3.92 -16.50	54.27 3.92 -10.30	43.62 3.53 -5.12	44.52 3.62 -7.38	39.77 3.15 -6.86
LIPA_MISC_IPP 23656	34.85 3.00 -5.28	30.64 2.77 -3.38	26.51 2.64 -1.34	23.85 2.50 -0.56	22.80 2.29 -0.61	25.36 2.46 -1.65	31.18 2.83 -3.77	28.44 2.96 -0.20	34.96 3.42 -2.34	38.46 3.67 -5.15	41.02 3.68 -5.93	43.34 3.58 -6.96	53.06 3.55 -16.02	66.04 3.45 -27.34	107.65 3.74 -63.32	249.05 4.53 -198.74	254.15 5.63 -192.80	269.44 6.37 -201.24	249.94 5.49 -186.66	240.60 4.73 -185.00	125.67 3.60 -82.02	52.63 3.22 -14.45	46.65 3.32 -9.81	41.53 3.04 -8.73
LISF____SOLAR 323691	34.85 3.00 -5.28	30.61 2.74 -3.38	26.53 2.66 -1.34	23.87 2.51 -0.56	22.84 2.33 -0.61	25.36 2.46 -1.65	31.18 2.83 -3.77	28.49 3.01 -0.20	35.04 3.47 -2.36	38.51 3.70 -5.18	41.17 3.80 -5.95	47.29 3.71 -10.78	53.27 3.62 -16.16	66.32 3.49 -27.58	108.35 3.82 -63.94	251.51 4.72 -201.02	256.55 5.80 -195.03	272.47 7.11 -203.54	252.25 5.72 -188.74	242.99 4.93 -187.19	126.61 3.61 -82.95	52.90 3.36 -14.57	46.88 3.49 -9.87	41.55 3.04 -8.76
LITTLE FALLS____HYD 24013	26.27 -0.29 0.00	24.20 -0.29 0.00	22.24 -0.29 0.00	20.50 -0.29 0.00	19.61 -0.30 0.00	20.95 -0.30 0.00	24.24 -0.34 0.00	24.92 -0.35 0.00	28.80 -0.41 0.00	29.24 -0.39 0.00	31.20 -0.22 0.00	32.57 -0.23 0.00	33.25 -0.23 0.00	35.00 -0.25 0.00	39.95 -0.65 0.00	45.00 -0.78 0.00	54.89 -0.84 0.00	61.08 -0.74 0.00	57.15 -0.64 0.00	50.41 -0.46 0.00	39.65 -0.40 0.00	34.73 -0.24 0.00	33.22 -0.30 0.00	29.46 -0.30 0.00
LITTLRIV_115KV_TB1 356100	26.91 0.35 0.00	24.81 0.32 0.00	22.74 0.20 0.00	20.96 0.17 0.00	20.12 0.22 0.00	21.46 0.21 0.00	24.86 0.27 0.00	25.48 0.20 0.00	28.88 -0.32 0.00	29.15 -0.47 0.00	30.73 -0.69 0.00	32.11 -0.69 0.00	32.85 -0.64 0.00	34.65 -0.60 0.00	39.87 -0.73 0.00	44.49 -1.28 0.00	54.55 -1.17 0.00	60.34 -1.48 0.00	56.92 -0.87 0.00	50.11 -0.76 0.00	39.29 -0.76 0.00	34.24 -0.73 0.00	33.25 -0.27 0.00	29.58 -0.18 0.00
LI_NEWBRDGE____DRP 323616	34.08 2.23 -5.28	29.86 1.98 -3.38	25.73 1.87 -1.33	23.09 1.75 -0.55	22.03 1.57 -0.55	24.58 1.70 -1.64	30.19 1.89 -3.71	27.47 2.05 -0.15	32.10 2.42 -0.47	35.28 2.67 -2.98	38.37 2.80 -4.16	40.31 2.82 -4.69	40.39 2.75 -4.16	45.09 2.71 -7.13	54.63 3.09 -10.94	56.37 3.75 -6.84	65.74 4.74 -5.28	75.43 5.44 -8.17	73.56 4.57 -11.21	55.14 3.76 -0.50	46.38 2.84 -3.49	41.72 2.52 -4.23	40.16 2.61 -4.03	38.33 2.32 -6.25
LOCKPORT_115KV_TB60_63_64 80432	26.38 -0.19 0.00	24.49 0.00 0.00	22.33 -0.20 0.00	20.56 -0.23 0.00	19.91 0.00 0.00	21.16 -0.08 0.00	24.81 0.22 0.00	25.15 -0.13 0.00	29.61 0.41 0.00	29.36 -0.27 0.00	31.01 -0.41 0.00	32.61 -0.20 0.00	33.62 0.13 0.00	35.78 0.53 0.00	40.24 -0.37 0.00	45.04 -0.73 0.00	53.94 -1.78 0.00	60.03 -1.79 0.00	56.28 -1.50 0.00	50.01 -0.86 0.00	39.77 -0.28 0.00	35.28 0.31 0.00	34.53 1.01 0.00	30.39 0.62 0.00
LOCKPORT____CC1 323769	26.51 -0.05 0.00	24.67 0.17 0.00	22.33 -0.20 0.00	20.56 -0.23 0.00	19.89 -0.02 0.00	21.21 -0.04 0.00	25.15 0.57 0.00	25.18 -0.10 0.00	29.61 0.41 0.00	29.36 -0.27 0.00	31.42 0.00 0.00	32.64 -0.16 0.00	33.76 0.27 0.00	35.56 0.32 0.00	40.27 -0.33 0.00	45.18 -0.60 0.00	54.05 -1.67 0.00	60.40 -1.42 0.00	56.11 -1.68 0.00	50.26 -0.61 0.00	40.29 0.24 0.00	35.32 0.35 0.00	34.70 1.17 0.00	30.47 0.71 0.00
LOCKPORT____CC2 323770	26.51 -0.05 0.00	24.67 0.17 0.00	22.33 -0.20 0.00	20.56 -0.23 0.00	19.89 -0.02 0.00	21.21 -0.04 0.00	25.15 0.57 0.00	25.18 -0.10 0.00	29.61 0.41 0.00	29.36 -0.27 0.00	31.42 0.00 0.00	32.64 -0.16 0.00	33.76 0.27 0.00	35.56 0.32 0.00	40.27 -0.33 0.00	45.18 -0.60 0.00	54.05 -1.67 0.00	60.40 -1.42 0.00	56.11 -1.68 0.00	50.26 -0.61 0.00	40.29 0.24 0.00	35.32 0.35 0.00	34.70 1.17 0.00	30.47 0.71 0.00
LOCKPORT____CC3 323771	26.51 -0.05 0.00	24.67 0.17 0.00	22.33 -0.20 0.00	20.56 -0.23 0.00	19.89 -0.02 0.00	21.21 -0.04 0.00	25.15 0.57 0.00	25.18 -0.10 0.00	29.61 0.41 0.00	29.36 -0.27 0.00	31.42 0.00 0.00	32.64 -0.16 0.00	33.76 0.27 0.00	35.56 0.32 0.00	40.27 -0.33 0.00	45.18 -0.60 0.00	54.05 -1.67 0.00	60.40 -1.42 0.00	56.11 -1.68 0.00	50.26 -0.61 0.00	40.29 0.24 0.00	35.32 0.35 0.00	34.70 1.17 0.00	30.47 0.71 0.00

LONG_LAKE_PHOENIX 24014	26.09 -0.48 0.00	24.05 -0.44 0.00	22.11 -0.43 0.00	20.40 -0.40 0.00	19.57 -0.34 0.00	20.87 -0.38 0.00	24.22 -0.37 0.00	24.95 -0.33 0.00	28.97 -0.23 0.00	29.27 -0.36 0.00	31.20 -0.22 0.00	32.57 -0.23 0.00	33.32 -0.17 0.00	35.14 -0.11 0.00	40.36 -0.24 0.00	45.46 -0.32 0.00	55.33 -0.39 0.00	61.52 -0.31 0.00	57.44 -0.35 0.00	50.67 -0.20 0.00	39.93 -0.12 0.00	34.94 -0.03 0.00	33.46 -0.07 0.00	29.64 -0.12 0.00
LOVETT___3 23632	28.16 1.59 0.00	25.89 1.40 0.00	23.86 1.33 0.00	22.04 1.25 0.00	21.00 1.09 0.00	22.46 1.21 0.00	25.84 1.25 0.00	26.72 1.44 0.00	30.90 1.69 0.00	31.55 1.93 0.00	33.62 2.20 0.00	35.10 2.30 0.00	35.73 2.24 0.00	37.40 2.15 0.00	43.08 2.48 0.00	48.80 3.02 0.00	59.57 3.84 0.00	66.28 4.45 0.00	61.37 3.58 0.00	53.72 2.85 0.00	42.21 2.16 0.00	36.93 1.96 0.00	35.40 1.88 0.00	31.43 1.67 0.00
LOVETT___4 23642	28.16 1.59 0.00	25.89 1.40 0.00	23.86 1.33 0.00	22.04 1.25 0.00	21.00 1.09 0.00	22.46 1.21 0.00	25.84 1.25 0.00	26.72 1.44 0.00	30.90 1.69 0.00	31.55 1.93 0.00	33.62 2.20 0.00	35.10 2.30 0.00	35.73 2.24 0.00	37.40 2.15 0.00	43.08 2.48 0.00	48.80 3.02 0.00	59.57 3.84 0.00	66.28 4.45 0.00	61.37 3.58 0.00	53.72 2.85 0.00	42.21 2.16 0.00	36.93 1.96 0.00	35.40 1.88 0.00	31.43 1.67 0.00
LOVETT___5 23593	28.16 1.59 0.00	25.89 1.40 0.00	23.86 1.33 0.00	22.04 1.25 0.00	21.00 1.09 0.00	22.46 1.21 0.00	25.84 1.25 0.00	26.72 1.44 0.00	30.90 1.69 0.00	31.55 1.93 0.00	33.62 2.20 0.00	35.10 2.30 0.00	35.73 2.24 0.00	37.40 2.15 0.00	43.08 2.48 0.00	48.80 3.02 0.00	59.57 3.84 0.00	66.28 4.45 0.00	61.37 3.58 0.00	53.72 2.85 0.00	42.21 2.16 0.00	36.93 1.96 0.00	35.40 1.88 0.00	31.43 1.67 0.00
LOWER_RAQUET___HYD 24057	26.65 0.08 0.00	24.57 0.07 0.00	22.53 0.00 0.00	20.75 -0.04 0.00	19.93 0.02 0.00	21.25 0.00 0.00	24.64 0.05 0.00	25.25 -0.03 0.00	28.56 -0.64 0.00	28.80 -0.83 0.00	30.23 -1.19 0.00	31.65 -1.15 0.00	32.38 -1.10 0.00	34.12 -1.13 0.00	39.34 -1.26 0.00	43.72 -2.06 0.00	53.72 -2.00 0.00	58.98 -2.84 0.00	56.11 -1.68 0.00	49.14 -1.73 0.00	38.65 -1.40 0.00	33.71 -1.26 0.00	32.88 -0.64 0.00	29.25 -0.51 0.00
LOWER___HUDSON 24059	30.64 1.20 -2.87	25.65 1.15 0.00	23.68 1.15 0.00	21.85 1.06 0.00	20.88 0.98 0.00	22.33 1.08 0.00	28.18 1.13 -2.46	26.36 1.09 0.00	30.52 1.32 0.00	31.08 1.45 0.00	33.11 1.63 -0.06	34.47 1.67 0.00	41.11 1.54 -6.08	41.12 1.62 -4.25	54.56 1.95 -12.01	67.49 2.38 -19.33	58.57 2.79 -0.06	65.35 3.52 0.00	60.56 2.77 0.00	53.31 2.44 0.00	42.01 1.96 0.00	36.68 1.71 0.00	35.07 1.54 0.00	31.01 1.25 0.00
LOWVILLE_115KV_TB2 356335	26.91 0.35 0.00	24.79 0.29 0.00	22.74 0.20 0.00	20.75 -0.04 0.00	20.10 0.20 0.00	21.46 0.21 0.00	24.83 0.25 0.00	25.46 0.18 0.00	29.24 0.03 0.00	29.57 -0.06 0.00	31.36 -0.06 0.00	32.77 -0.03 0.00	33.09 -0.40 0.00	34.82 -0.42 0.00	40.07 -0.53 0.00	44.86 -0.92 0.00	55.00 -0.72 0.00	61.39 -0.43 0.00	58.42 0.64 0.00	51.74 0.86 0.00	40.21 0.16 0.00	35.04 0.07 0.00	34.03 0.50 0.00	30.06 0.30 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	29.46 1.65 -1.24	25.99 1.49 0.00	23.98 1.44 0.00	22.10 1.31 0.00	21.14 1.23 0.00	22.61 1.36 0.00	27.20 1.55 -1.06	26.74 1.47 0.00	30.99 1.78 0.00	31.53 1.90 0.00	33.52 2.07 -0.03	34.97 2.16 0.00	38.16 2.04 -2.63	39.34 2.26 -1.84	48.52 2.72 -5.20	57.34 3.20 -8.36	59.60 3.84 -0.03	66.34 4.51 0.00	61.89 4.10 0.00	54.58 3.71 0.00	43.25 3.20 0.00	37.66 2.69 0.00	35.90 2.38 0.00	31.66 1.90 0.00
LUTHERNY_35_KV_BK2 355980	29.46 1.65 -1.24	26.01 1.52 0.00	23.98 1.44 0.00	22.10 1.31 0.00	21.16 1.25 0.00	22.61 1.36 0.00	27.20 1.55 -1.06	26.74 1.47 0.00	30.99 1.78 0.00	31.55 1.93 0.00	33.52 2.07 -0.03	35.00 2.20 0.00	38.19 2.08 -2.63	39.34 2.26 -1.84	48.52 2.72 -5.20	57.39 3.25 -8.36	59.65 3.90 -0.03	66.40 4.58 0.00	62.00 4.22 0.00	54.64 3.76 0.00	43.29 3.24 0.00	37.70 2.73 0.00	35.94 2.41 0.00	31.69 1.93 0.00
LWR___OSWEGATCHIE_HYD 23850	26.75 0.19 0.00	24.64 0.15 0.00	22.60 0.07 0.00	20.75 -0.04 0.00	19.99 0.08 0.00	21.31 0.06 0.00	24.68 0.10 0.00	25.30 0.03 0.00	28.86 -0.35 0.00	29.13 -0.50 0.00	30.73 -0.69 0.00	32.11 -0.69 0.00	32.68 -0.80 0.00	34.40 -0.85 0.00	39.67 -0.93 0.00	44.31 -1.46 0.00	54.33 -1.39 0.00	60.34 -1.48 0.00	57.15 -0.64 0.00	50.46 -0.41 0.00	39.45 -0.60 0.00	34.38 -0.59 0.00	33.42 -0.10 0.00	29.64 -0.12 0.00
LYONS_FALL_HYD 23570	27.02 0.45 0.00	24.88 0.39 0.00	22.83 0.29 0.00	20.96 0.17 0.00	20.16 0.26 0.00	21.55 0.30 0.00	24.93 0.34 0.00	25.58 0.30 0.00	29.47 0.26 0.00	29.86 0.24 0.00	31.80 0.38 0.00	33.23 0.43 0.00	33.79 0.30 0.00	35.46 0.21 0.00	40.92 0.32 0.00	45.91 0.14 0.00	56.17 0.44 0.00	62.63 0.80 0.00	59.06 1.27 0.00	52.19 1.32 0.00	40.81 0.76 0.00	35.56 0.59 0.00	34.23 0.71 0.00	30.27 0.51 0.00
MADISON___COUNTY_LFGE 323628	27.15 0.58 0.00	25.01 0.51 0.00	22.96 0.43 0.00	21.17 0.37 0.00	20.30 0.40 0.00	21.67 0.42 0.00	25.10 0.52 0.00	25.78 0.51 0.00	29.82 0.61 0.00	30.22 0.59 0.00	32.27 0.85 0.00	33.75 0.95 0.00	34.49 1.00 0.00	36.38 1.13 0.00	41.90 1.30 0.00	47.10 1.33 0.00	57.56 1.84 0.00	64.11 2.29 0.00	60.10 2.31 0.00	53.06 2.19 0.00	41.65 1.60 0.00	36.37 1.40 0.00	34.70 1.17 0.00	30.65 0.89 0.00
MALONE___115KV_TB1 356076	27.10 0.53 0.00	24.93 0.44 0.00	22.87 0.34 0.00	21.04 0.25 0.00	20.18 0.28 0.00	21.52 0.28 0.00	25.03 0.44 0.00	25.61 0.33 0.00	29.15 -0.06 0.00	29.51 -0.12 0.00	31.11 -0.31 0.00	32.57 -0.23 0.00	33.46 -0.03 0.00	35.25 0.00 0.00	40.56 -0.04 0.00	45.36 -0.41 0.00	55.56 -0.17 0.00	61.45 -0.37 0.00	57.73 -0.06 0.00	50.36 -0.51 0.00	39.53 -0.52 0.00	34.13 -0.84 0.00	32.79 -0.74 0.00	29.14 -0.62 0.00
MAPLEWOD_115KV_TB3 80458	26.37 1.14 1.34	25.55 1.05 0.00	23.57 1.04 0.00	21.75 0.96 0.00	20.82 0.92 0.00	22.23 0.98 0.00	24.50 1.06 1.14	26.24 0.96 0.00	30.37 1.17 0.00	30.93 1.30 0.00	32.90 1.51 0.03	34.34 1.54 0.00	32.10 1.44 2.83	34.79 1.52 1.97	36.92 1.91 5.59	39.03 2.24 8.99	58.37 2.67 0.03	65.16 3.34 0.00	60.67 2.89 0.00	53.41 2.54 0.00	42.21 2.16 0.00	36.75 1.78 0.00	35.13 1.61 0.00	31.04 1.28 0.00
MAPLE_RIDGE_WT_1 323574	25.90 -0.66 0.00	23.78 -0.71 0.00	21.83 -0.70 0.00	20.15 -0.64 0.00	19.33 -0.58 0.00	20.68 -0.57 0.00	23.95 -0.64 0.00	24.67 -0.61 0.00	28.59 -0.61 0.00	29.10 -0.53 0.00	30.92 -0.50 0.00	32.24 -0.56 0.00	32.85 -0.64 0.00	34.51 -0.74 0.00	39.63 -0.97 0.00	44.59 -1.19 0.00	54.16 -1.56 0.00	60.40 -1.42 0.00	56.46 -1.33 0.00	49.65 -1.22 0.00	38.89 -1.16 0.00	33.75 -1.22 0.00	32.21 -1.31 0.00	28.54 -1.22 0.00

MAPLE RIDGE_WT_2 323611	25.90 -0.66 0.00	23.78 -0.71 0.00	21.83 -0.70 0.00	20.15 -0.64 0.00	19.33 -0.58 0.00	20.68 -0.57 0.00	23.95 -0.64 0.00	24.67 -0.61 0.00	28.59 -0.61 0.00	29.10 -0.53 0.00	30.92 -0.50 0.00	32.24 -0.56 0.00	32.85 -0.64 0.00	34.51 -0.74 0.00	39.63 -0.97 0.00	44.59 -1.19 0.00	54.16 -1.56 0.00	60.40 -1.42 0.00	56.46 -1.33 0.00	49.65 -1.22 0.00	38.89 -1.16 0.00	33.75 -1.22 0.00	32.21 -1.31 0.00	28.54 -1.22 0.00
MARBLE RIVER_WT_PWR 323696	27.13 0.56 0.00	24.96 0.46 0.00	22.89 0.36 0.00	21.08 0.29 0.00	20.20 0.30 0.00	21.55 0.30 0.00	24.98 0.39 0.00	25.51 0.23 0.00	29.06 -0.15 0.00	29.48 -0.15 0.00	31.01 -0.41 0.00	32.57 -0.23 0.00	33.42 -0.07 0.00	35.28 0.04 0.00	40.56 -0.04 0.00	45.27 -0.50 0.00	55.56 -0.17 0.00	61.02 -0.81 0.00	57.61 -0.17 0.00	50.05 -0.82 0.00	39.29 -0.76 0.00	33.85 -1.12 0.00	32.42 -1.11 0.00	28.84 -0.92 0.00
MARSHVLE_115KV_TB1 80742	28.98 2.42 0.00	26.67 2.18 0.00	24.54 2.01 0.00	22.60 1.81 0.00	21.68 1.77 0.00	23.20 1.95 0.00	26.90 2.31 0.00	27.60 2.33 0.00	31.95 2.75 0.00	32.35 2.73 0.00	34.47 3.05 0.00	35.98 3.18 0.00	36.77 3.28 0.00	38.81 3.56 0.00	44.86 4.26 0.00	50.26 4.49 0.00	61.41 5.68 0.00	68.63 6.80 0.00	64.26 6.47 0.00	56.82 5.95 0.00	45.22 5.17 0.00	39.31 4.34 0.00	37.31 3.79 0.00	32.80 3.04 0.00
MARSH_HILL_WT_PWR 323713	27.36 0.80 0.00	25.30 0.81 0.00	22.98 0.45 0.00	21.21 0.42 0.00	20.42 0.52 0.00	21.87 0.62 0.00	25.72 1.13 0.00	26.26 0.98 0.00	30.67 1.46 0.00	30.64 1.01 0.00	32.96 1.54 0.00	34.28 1.48 0.00	35.33 1.84 0.00	37.11 1.87 0.00	42.14 1.54 0.00	47.42 1.65 0.00	57.17 1.45 0.00	64.11 2.29 0.00	59.46 1.68 0.00	53.06 2.19 0.00	42.21 2.16 0.00	37.14 2.17 0.00	35.80 2.28 0.00	31.61 1.85 0.00
MCINTYRE_115KV_TB2 80467	27.05 0.48 0.00	24.93 0.44 0.00	22.85 0.32 0.00	21.06 0.27 0.00	20.22 0.32 0.00	21.57 0.32 0.00	24.96 0.37 0.00	25.58 0.30 0.00	29.06 -0.15 0.00	29.36 -0.27 0.00	30.92 -0.50 0.00	32.31 -0.49 0.00	33.09 -0.40 0.00	34.90 -0.35 0.00	40.15 -0.45 0.00	44.91 -0.87 0.00	55.06 -0.67 0.00	60.90 -0.93 0.00	57.44 -0.35 0.00	50.62 -0.25 0.00	39.73 -0.32 0.00	34.59 -0.38 0.00	33.46 -0.07 0.00	29.76 0.00 0.00
MECO____69_KV_BK1 80468	29.41 2.84 0.00	27.07 2.57 0.00	24.90 2.37 0.00	22.91 2.12 0.00	21.98 2.07 0.00	23.54 2.29 0.00	27.19 2.61 0.00	27.88 2.60 0.00	32.27 3.07 0.00	32.62 2.99 0.00	35.63 4.21 0.00	37.16 4.36 0.00	38.01 4.52 0.00	40.11 4.86 0.00	45.11 4.51 0.00	50.81 5.04 0.00	62.30 6.58 0.00	69.80 7.98 0.00	65.59 7.80 0.00	58.09 7.22 0.00	46.22 6.17 0.00	40.11 5.14 0.00	38.15 4.63 0.00	33.45 3.69 0.00
MENANDS__115KV_TB5 355628	25.82 0.82 1.57	25.28 0.78 0.00	23.34 0.81 0.00	21.56 0.77 0.00	20.62 0.72 0.00	22.01 0.76 0.00	24.05 0.81 1.35	25.96 0.68 0.00	30.05 0.85 0.00	30.64 1.01 0.00	32.55 1.16 0.03	33.98 1.18 0.00	31.21 1.04 3.32	33.95 1.02 2.32	35.42 1.38 6.56	36.86 1.65 10.56	57.64 1.95 0.03	64.30 2.47 0.00	59.81 2.02 0.00	52.65 1.78 0.00	41.57 1.52 0.00	36.23 1.26 0.00	34.70 1.17 0.00	30.68 0.92 0.00
MG INDUSTRY__DRP 24185	26.61 0.93 0.89	25.38 0.88 0.00	23.41 0.88 0.00	21.60 0.81 0.00	20.68 0.78 0.00	22.82 1.57 0.00	25.60 1.94 0.93	26.87 1.59 0.00	31.08 1.87 0.00	31.61 1.99 0.00	33.94 2.54 0.02	35.29 2.49 0.00	32.54 0.94 1.88	34.92 0.99 1.31	38.10 1.22 3.72	41.30 1.51 5.99	57.43 1.73 0.02	63.93 2.10 0.00	59.52 1.73 0.00	52.50 1.63 0.00	41.49 1.44 0.00	36.16 1.19 0.00	34.80 1.27 0.00	30.80 1.04 0.00
MID__OSWEGATCHIE_HYD 23849	26.75 0.19 0.00	24.64 0.15 0.00	22.60 0.07 0.00	20.75 -0.04 0.00	19.99 0.08 0.00	21.31 0.06 0.00	24.68 0.10 0.00	25.30 0.03 0.00	28.86 -0.35 0.00	29.13 -0.50 0.00	30.73 -0.69 0.00	32.11 -0.69 0.00	32.68 -0.80 0.00	34.40 -0.85 0.00	39.67 -0.93 0.00	44.31 -1.46 0.00	54.33 -1.39 0.00	60.34 -1.48 0.00	57.15 -0.64 0.00	50.46 -0.41 0.00	39.45 -0.60 0.00	34.38 -0.59 0.00	33.42 -0.10 0.00	29.64 -0.12 0.00
MID__RAQUETTE_HYD 23851	26.67 0.11 0.00	24.57 0.07 0.00	22.53 0.00 0.00	20.75 -0.04 0.00	19.93 0.02 0.00	21.25 0.00 0.00	24.64 0.05 0.00	25.25 -0.03 0.00	28.56 -0.64 0.00	28.80 -0.83 0.00	30.29 -1.13 0.00	31.65 -1.15 0.00	32.38 -1.11 0.00	34.12 -1.13 0.00	39.30 -1.30 0.00	43.85 -1.92 0.00	53.72 -2.01 0.00	59.48 -2.35 0.00	56.05 -1.73 0.00	49.29 -1.58 0.00	38.69 -1.36 0.00	33.71 -1.26 0.00	32.89 -0.64 0.00	29.25 -0.51 0.00
MILLIKEN__1 23584	27.13 0.56 0.00	25.03 0.54 0.00	22.96 0.43 0.00	21.19 0.40 0.00	20.32 0.42 0.00	21.69 0.45 0.00	25.20 0.61 0.00	25.96 0.68 0.00	30.14 0.93 0.00	30.37 0.74 0.00	32.46 1.04 0.00	33.88 1.08 0.00	34.69 1.21 0.00	36.62 1.37 0.00	41.98 1.38 0.00	47.33 1.56 0.00	57.67 1.95 0.00	64.30 2.47 0.00	60.15 2.37 0.00	53.06 2.19 0.00	41.89 1.84 0.00	36.65 1.68 0.00	35.00 1.47 0.00	30.89 1.13 0.00
MILLIKEN__2 23585	27.13 0.56 0.00	25.03 0.54 0.00	22.96 0.43 0.00	21.19 0.40 0.00	20.32 0.42 0.00	21.69 0.45 0.00	25.20 0.61 0.00	25.96 0.68 0.00	30.14 0.93 0.00	30.37 0.74 0.00	32.46 1.04 0.00	33.88 1.08 0.00	34.69 1.21 0.00	36.62 1.37 0.00	41.98 1.38 0.00	47.33 1.56 0.00	57.67 1.95 0.00	64.30 2.47 0.00	60.15 2.37 0.00	53.06 2.19 0.00	41.89 1.84 0.00	36.65 1.68 0.00	35.00 1.47 0.00	30.89 1.13 0.00
MILLIKEN__DIESEL 23629	27.13 0.56 0.00	25.03 0.54 0.00	22.96 0.43 0.00	21.19 0.40 0.00	20.32 0.42 0.00	21.69 0.45 0.00	25.20 0.61 0.00	25.96 0.68 0.00	30.14 0.93 0.00	30.37 0.74 0.00	32.46 1.04 0.00	33.88 1.08 0.00	34.69 1.21 0.00	36.62 1.37 0.00	41.98 1.38 0.00	47.33 1.56 0.00	57.67 1.95 0.00	64.30 2.47 0.00	60.15 2.37 0.00	53.06 2.19 0.00	41.89 1.84 0.00	36.65 1.68 0.00	35.00 1.47 0.00	30.89 1.13 0.00
MILLSEAT__LFGE 323607	26.94 0.37 0.00	25.03 0.54 0.00	22.65 0.11 0.00	20.83 0.04 0.00	20.15 0.24 0.00	21.48 0.23 0.00	25.50 0.91 0.00	25.61 0.33 0.00	30.08 0.88 0.00	29.84 0.21 0.00	31.95 0.53 0.00	33.29 0.49 0.00	34.42 0.94 0.00	36.27 1.02 0.00	41.21 0.61 0.00	46.19 0.41 0.00	55.45 -0.28 0.00	62.14 0.31 0.00	57.73 -0.06 0.00	51.63 0.76 0.00	41.25 1.20 0.00	36.16 1.19 0.00	35.40 1.88 0.00	31.07 1.31 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	28.24 1.67 0.00	25.96 1.47 0.00	23.95 1.42 0.00	22.12 1.33 0.00	21.06 1.15 0.00	22.52 1.27 0.00	25.91 1.33 0.00	26.82 1.54 0.00	31.02 1.81 0.00	31.67 2.04 0.00	33.74 2.33 0.00	35.20 2.39 0.00	35.87 2.38 0.00	37.57 2.33 0.00	43.36 2.76 0.00	49.12 3.34 0.00	59.90 4.18 0.00	66.65 4.82 0.00	61.77 3.99 0.00	54.08 3.20 0.00	42.45 2.40 0.00	37.10 2.13 0.00	35.53 2.01 0.00	31.52 1.76 0.00

MILLWOOD_13_KV_LOAD 356217	28.27 1.70 0.00	26.01 1.52 0.00	24.00 1.46 0.00	22.16 1.37 0.00	21.08 1.17 0.00	22.52 1.27 0.00	25.94 1.35 0.00	26.87 1.59 0.00	31.08 1.87 0.00	31.76 2.13 0.00	33.84 2.42 0.00	35.29 2.49 0.00	36.03 2.55 0.00	37.82 2.57 0.00	43.61 3.00 0.00	49.44 3.66 0.00	60.35 4.63 0.00	67.20 5.38 0.00	62.24 4.45 0.00	54.43 3.56 0.00	42.69 2.64 0.00	37.24 2.27 0.00	35.67 2.15 0.00	31.61 1.85 0.00
MODEL_CITY_ENERGY 24167	26.28 -0.29 0.00	24.44 -0.05 0.00	22.13 -0.40 0.00	20.38 -0.42 0.00	19.75 -0.16 0.00	21.02 -0.23 0.00	24.93 0.34 0.00	24.85 -0.43 0.00	29.26 0.06 0.00	29.01 -0.62 0.00	31.01 -0.41 0.00	32.28 -0.53 0.00	33.39 -0.10 0.00	35.14 -0.11 0.00	39.83 -0.77 0.00	44.68 -1.10 0.00	53.44 -2.29 0.00	59.72 -2.10 0.00	55.47 -2.31 0.00	49.70 -1.17 0.00	39.85 -0.20 0.00	34.94 -0.03 0.00	34.33 0.80 0.00	30.18 0.42 0.00
MODERN_LFGE_ 323580	26.28 -0.29 0.00	24.44 -0.05 0.00	22.13 -0.40 0.00	20.38 -0.42 0.00	19.75 -0.16 0.00	21.02 -0.23 0.00	24.93 0.34 0.00	24.85 -0.43 0.00	29.26 0.06 0.00	29.01 -0.62 0.00	31.01 -0.41 0.00	32.28 -0.53 0.00	33.39 -0.10 0.00	35.14 -0.11 0.00	39.83 -0.77 0.00	44.68 -1.10 0.00	53.44 -2.29 0.00	59.72 -2.10 0.00	55.47 -2.31 0.00	49.70 -1.17 0.00	39.85 -0.20 0.00	34.94 -0.03 0.00	34.33 0.80 0.00	30.18 0.42 0.00
MOHAWK_PAPER___DRP 24187	26.37 1.14 1.34	25.55 1.05 0.00	23.57 1.04 0.00	21.75 0.96 0.00	20.82 0.92 0.00	22.23 0.98 0.00	24.50 1.06 1.14	26.24 0.96 0.00	30.37 1.17 0.00	30.93 1.30 0.00	32.90 1.51 0.03	34.34 1.54 0.00	32.10 1.44 2.83	34.79 1.52 1.97	36.92 1.91 5.59	39.03 2.24 8.99	58.37 2.67 0.03	65.16 3.34 0.00	60.67 2.89 0.00	53.41 2.54 0.00	42.21 2.16 0.00	36.75 1.78 0.00	35.13 1.61 0.00	31.04 1.28 0.00
MOHICAN__35_KV_115KV_LD 80490	29.45 1.73 -1.16	26.06 1.57 0.00	24.02 1.49 0.00	22.12 1.33 0.00	21.18 1.27 0.00	22.67 1.42 0.00	27.22 1.65 -0.99	26.85 1.57 0.00	31.16 1.96 0.00	31.70 2.07 0.00	33.67 2.23 -0.02	35.13 2.33 0.00	38.02 2.08 -2.45	39.32 2.36 -1.71	48.29 2.84 -4.84	56.96 3.39 -7.79	59.87 4.12 -0.03	66.77 4.95 0.00	62.58 4.80 0.00	55.25 4.37 0.00	43.97 3.92 0.00	38.19 3.22 0.00	36.27 2.75 0.00	31.90 2.14 0.00
MONGAUP___HYD 23641	27.92 1.35 0.00	25.67 1.18 0.00	23.68 1.15 0.00	21.85 1.06 0.00	20.82 0.92 0.00	22.25 1.00 0.00	25.62 1.03 0.00	26.44 1.16 0.00	30.52 1.32 0.00	31.11 1.48 0.00	33.08 1.66 0.00	34.60 1.80 0.00	35.30 1.81 0.00	36.97 1.73 0.00	42.59 1.99 0.00	48.29 2.52 0.00	58.57 2.84 0.00	65.84 4.02 0.00	60.85 3.06 0.00	53.82 2.95 0.00	42.25 2.20 0.00	36.96 1.99 0.00	35.33 1.81 0.00	31.25 1.49 0.00
MONTAUK___DIESEL 23721	36.24 4.38 -5.28	31.91 4.04 -3.38	27.68 3.81 -1.34	24.93 3.58 -0.56	23.86 3.34 -0.61	26.46 3.57 -1.65	32.48 4.13 -3.77	29.88 4.40 -0.20	36.78 5.23 -2.35	40.42 5.63 -5.16	43.36 6.00 -5.94	46.08 6.27 -7.01	55.93 6.36 -16.07	69.15 6.45 -27.45	111.26 7.06 -63.59	253.73 8.19 -199.76	259.60 10.09 -193.79	274.41 10.32 -202.26	254.44 9.07 -187.59	245.34 8.50 -185.97	129.01 6.53 -82.43	55.28 5.81 -14.50	48.94 5.60 -9.82	43.47 4.97 -8.74
MOONROAD_115KV_HARTFLD_TB1-2 355988	27.20 0.64 0.00	25.11 0.61 0.00	22.83 0.29 0.00	21.00 0.21 0.00	20.26 0.36 0.00	21.63 0.38 0.00	25.30 0.71 0.00	26.11 0.83 0.00	30.87 1.66 0.00	30.78 1.16 0.00	32.86 1.45 0.00	34.47 1.67 0.00	35.46 1.98 0.00	37.57 2.33 0.00	42.06 1.46 0.00	47.15 1.37 0.00	56.34 0.61 0.00	62.57 0.74 0.00	59.06 1.27 0.00	52.60 1.73 0.00	41.73 1.68 0.00	37.14 2.17 0.00	36.00 2.48 0.00	31.69 1.93 0.00
MORTIMER_115KV_TB3 55949	26.57 0.00 0.00	24.59 0.10 0.00	22.47 -0.07 0.00	20.69 -0.10 0.00	19.91 0.00 0.00	21.23 -0.02 0.00	24.83 0.25 0.00	25.46 0.18 0.00	29.79 0.58 0.00	29.81 0.18 0.00	31.67 0.25 0.00	33.26 0.46 0.00	34.19 0.70 0.00	36.31 1.06 0.00	41.25 0.65 0.00	46.33 0.55 0.00	55.95 0.22 0.00	62.26 0.43 0.00	58.25 0.46 0.00	51.53 0.66 0.00	40.73 0.68 0.00	35.91 0.94 0.00	34.83 1.31 0.00	30.59 0.83 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	28.51 1.94 0.00	26.18 1.69 0.00	24.13 1.60 0.00	22.27 1.48 0.00	21.20 1.29 0.00	22.67 1.42 0.00	26.09 1.50 0.00	27.02 1.74 0.00	31.31 2.10 0.00	32.03 2.40 0.00	34.09 2.67 0.00	35.52 2.72 0.00	36.17 2.68 0.00	37.89 2.64 0.00	43.69 3.09 0.00	49.48 3.71 0.00	60.41 4.68 0.00	67.14 5.32 0.00	62.18 4.39 0.00	54.38 3.51 0.00	42.69 2.64 0.00	37.31 2.34 0.00	35.84 2.31 0.00	31.75 1.99 0.00
MUNSVILLE_WIND_PWR 323609	28.64 2.07 0.00	26.41 1.91 0.00	24.09 1.55 0.00	22.25 1.45 0.00	21.32 1.41 0.00	22.80 1.55 0.00	26.48 1.89 0.00	27.10 1.82 0.00	31.37 2.16 0.00	31.50 1.87 0.00	33.90 2.48 0.00	35.26 2.46 0.00	36.17 2.68 0.00	38.03 2.78 0.00	43.97 3.37 0.00	49.48 3.71 0.00	60.74 5.02 0.00	68.13 6.31 0.00	63.91 6.12 0.00	56.82 5.95 0.00	44.77 4.72 0.00	38.99 4.02 0.00	37.01 3.49 0.00	32.53 2.77 0.00
N SALMON___HYD 24042	27.10 0.53 0.00	24.94 0.44 0.00	22.87 0.34 0.00	21.04 0.25 0.00	20.18 0.28 0.00	21.52 0.28 0.00	25.03 0.44 0.00	25.61 0.33 0.00	29.15 -0.06 0.00	29.51 -0.12 0.00	31.04 -0.38 0.00	32.57 -0.23 0.00	33.42 -0.07 0.00	35.28 0.04 0.00	40.56 -0.04 0.00	45.18 -0.60 0.00	55.56 -0.17 0.00	60.96 -0.87 0.00	57.73 -0.06 0.00	50.26 -0.61 0.00	39.49 -0.56 0.00	34.13 -0.84 0.00	32.78 -0.74 0.00	29.13 -0.63 0.00
N.AKRON__115KV_KNAPP 355671	26.78 0.21 0.00	24.86 0.37 0.00	22.65 0.11 0.00	20.83 0.04 0.00	20.14 0.24 0.00	21.44 0.19 0.00	25.15 0.57 0.00	25.61 0.33 0.00	30.08 0.88 0.00	29.84 0.21 0.00	31.61 0.19 0.00	33.23 0.43 0.00	34.26 0.77 0.00	36.48 1.23 0.00	41.09 0.49 0.00	45.96 0.18 0.00	55.22 -0.50 0.00	61.58 -0.25 0.00	57.73 -0.06 0.00	51.23 0.36 0.00	40.65 0.60 0.00	36.02 1.05 0.00	35.20 1.68 0.00	30.92 1.16 0.00
N.BELMOR_69_KV_BK1 55787	34.35 2.50 -5.28	30.10 2.23 -3.38	25.96 2.10 -1.33	23.28 1.93 -0.55	22.21 1.75 -0.55	24.78 1.89 -1.64	30.41 2.11 -3.71	27.73 2.30 -0.15	32.39 2.72 -0.47	35.57 2.96 -2.98	38.75 3.17 -4.16	40.80 3.31 -4.69	40.96 3.32 -4.16	45.58 3.21 -7.13	55.24 3.69 -10.94	57.06 4.44 -6.84	66.52 5.52 -5.28	76.36 6.37 -8.17	74.43 5.43 -11.21	55.90 4.53 -0.50	46.98 3.44 -3.49	42.35 3.15 -4.23	40.67 3.12 -4.03	38.72 2.71 -6.25
N.E._GEN_SANDY PD 24062	28.20 1.14 -0.49	25.60 1.10 0.00	23.68 1.15 0.00	21.87 1.08 0.00	20.86 0.96 0.00	22.29 1.04 0.00	26.06 1.06 -0.42	26.32 1.04 0.00	30.40 1.20 0.00	30.99 1.36 0.00	33.00 1.57 -0.01	34.41 1.61 0.00	36.00 1.47 -1.04	37.45 1.48 -0.73	44.40 1.74 -2.05	51.24 2.15 -3.31	58.30 2.56 -0.01	65.41 3.58 0.00	60.45 2.66 0.00	53.06 2.19 0.00	41.65 1.60 0.00	36.40 1.43 0.00	34.86 1.34 0.00	30.89 1.13 0.00

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	28.19 1.62 0.00	25.91 1.42 0.00	23.89 1.35 0.00	22.06 1.27 0.00	21.02 1.11 0.00	22.48 1.23 0.00	25.86 1.28 0.00	26.74 1.47 0.00	30.93 1.72 0.00	31.58 1.96 0.00	33.65 2.23 0.00	35.13 2.33 0.00	35.80 2.31 0.00	37.47 2.22 0.00	43.20 2.60 0.00	48.94 3.16 0.00	59.68 3.96 0.00	66.40 4.58 0.00	61.48 3.70 0.00	53.87 3.00 0.00	42.29 2.24 0.00	37.00 2.03 0.00	35.47 1.94 0.00	31.46 1.70 0.00
N.QUEENS_27_KV_LOAD 356247	28.70 2.13 -0.01	26.34 1.84 -0.01	24.25 1.71 -0.01	22.40 1.60 -0.01	21.31 1.39 -0.01	22.80 1.55 0.00	26.04 1.45 0.00	26.92 1.64 0.00	31.34 2.13 0.00	32.09 2.46 0.00	34.29 2.86 -0.01	35.83 3.02 -0.01	36.30 2.81 0.00	37.93 2.68 0.00	43.65 3.05 0.00	49.62 3.85 0.00	60.64 4.90 -0.01	67.21 5.38 -0.01	62.36 4.57 -0.01	54.42 3.56 0.01	42.61 2.56 0.00	37.42 2.45 0.00	36.11 2.58 -0.01	31.97 2.20 -0.01
N.TROY___115KV_TB1 355778	30.69 1.25 -2.87	25.67 1.18 0.00	23.68 1.15 0.00	21.85 1.06 0.00	20.88 0.98 0.00	22.33 1.08 0.00	28.25 1.20 -2.46	26.37 1.09 0.00	30.52 1.31 0.00	31.08 1.45 0.00	33.11 1.63 -0.06	34.47 1.67 0.00	41.14 1.57 -6.08	41.12 1.62 -4.25	54.60 1.99 -12.01	67.49 2.38 -19.33	58.57 2.79 -0.06	64.98 3.15 0.00	60.56 2.77 0.00	53.31 2.44 0.00	42.13 2.08 0.00	36.72 1.75 0.00	35.06 1.54 0.00	31.04 1.28 0.00
NARROWS_GT1_1 24228	28.73 2.15 -0.01	26.23 1.74 0.00	24.24 1.71 0.00	22.35 1.56 0.00	21.24 1.33 0.00	22.61 1.36 0.00	25.94 1.35 0.00	27.00 1.72 0.00	31.46 2.25 0.00	32.21 2.58 0.00	34.41 2.99 -0.01	35.89 3.08 -0.01	36.37 2.88 0.00	38.23 2.92 -0.06	43.77 3.17 0.00	49.77 3.94 -0.06	77.37 4.90 -16.74	76.99 6.12 -9.04	76.92 4.68 -14.46	73.59 3.82 -18.90	42.62 2.57 0.00	37.61 2.59 -0.06	37.88 2.62 -1.74	31.98 2.20 -0.02
NARROWS_GT1_2 24229	28.73 2.15 -0.01	26.23 1.74 0.00	24.24 1.71 0.00	22.35 1.56 0.00	21.24 1.33 0.00	22.61 1.36 0.00	25.94 1.35 0.00	27.00 1.72 0.00	31.46 2.25 0.00	32.21 2.58 0.00	34.41 2.99 -0.01	35.89 3.08 -0.01	36.37 2.88 0.00	38.23 2.92 -0.06	43.77 3.17 0.00	49.77 3.94 -0.06	77.37 4.90 -16.74	76.99 6.12 -9.04	76.92 4.68 -14.46	73.59 3.82 -18.90	42.62 2.57 0.00	37.61 2.59 -0.06	37.88 2.62 -1.74	31.98 2.20 -0.02
NARROWS_GT1_3 24230	28.73 2.15 -0.01	26.23 1.74 0.00	24.24 1.71 0.00	22.35 1.56 0.00	21.24 1.33 0.00	22.61 1.36 0.00	25.94 1.35 0.00	27.00 1.72 0.00	31.46 2.25 0.00	32.21 2.58 0.00	34.41 2.99 -0.01	35.89 3.08 -0.01	36.37 2.88 0.00	38.23 2.92 -0.06	43.77 3.17 0.00	49.77 3.94 -0.06	77.37 4.90 -16.74	76.99 6.12 -9.04	76.92 4.68 -14.46	73.59 3.82 -18.90	42.62 2.57 0.00	37.61 2.59 -0.06	37.88 2.62 -1.74	31.98 2.20 -0.02
NARROWS_GT1_4 24231	28.73 2.15 -0.01	26.23 1.74 0.00	24.24 1.71 0.00	22.35 1.56 0.00	21.24 1.33 0.00	22.61 1.36 0.00	25.94 1.35 0.00	27.00 1.72 0.00	31.46 2.25 0.00	32.21 2.58 0.00	34.41 2.99 -0.01	35.89 3.08 -0.01	36.37 2.88 0.00	38.23 2.92 -0.06	43.77 3.17 0.00	49.77 3.94 -0.06	77.37 4.90 -16.74	76.99 6.12 -9.04	76.92 4.68 -14.46	73.59 3.82 -18.90	42.62 2.57 0.00	37.61 2.59 -0.06	37.88 2.62 -1.74	31.98 2.20 -0.02
NARROWS_GT1_5 24232	28.73 2.15 -0.01	26.23 1.74 0.00	24.24 1.71 0.00	22.35 1.56 0.00	21.24 1.33 0.00	22.61 1.36 0.00	25.94 1.35 0.00	27.00 1.72 0.00	31.46 2.25 0.00	32.21 2.58 0.00	34.41 2.99 -0.01	35.89 3.08 -0.01	36.37 2.88 0.00	38.23 2.92 -0.06	43.77 3.17 0.00	49.77 3.94 -0.06	77.37 4.90 -16.74	76.99 6.12 -9.04	76.92 4.68 -14.46	73.59 3.82 -18.90	42.62 2.57 0.00	37.61 2.59 -0.06	37.88 2.62 -1.74	31.98 2.20 -0.02
NARROWS_GT1_6 24233	28.73 2.15 -0.01	26.23 1.74 0.00	24.24 1.71 0.00	22.35 1.56 0.00	21.24 1.33 0.00	22.61 1.36 0.00	25.94 1.35 0.00	27.00 1.72 0.00	31.46 2.25 0.00	32.21 2.58 0.00	34.41 2.99 -0.01	35.89 3.08 -0.01	36.37 2.88 0.00	38.23 2.92 -0.06	43.77 3.17 0.00	49.77 3.94 -0.06	77.37 4.90 -16.74	76.99 6.12 -9.04	76.92 4.68 -14.46	73.59 3.82 -18.90	42.62 2.57 0.00	37.61 2.59 -0.06	37.88 2.62 -1.74	31.98 2.20 -0.02
NARROWS_GT1_7 24234	28.73 2.15 -0.01	26.23 1.74 0.00	24.24 1.71 0.00	22.35 1.56 0.00	21.24 1.33 0.00	22.61 1.36 0.00	25.94 1.35 0.00	27.00 1.72 0.00	31.46 2.25 0.00	32.21 2.58 0.00	34.41 2.99 -0.01	35.89 3.08 -0.01	36.37 2.88 0.00	38.23 2.92 -0.06	43.77 3.17 0.00	49.77 3.94 -0.06	77.37 4.90 -16.74	76.99 6.12 -9.04	76.92 4.68 -14.46	73.59 3.82 -18.90	42.62 2.57 0.00	37.61 2.59 -0.06	37.88 2.62 -1.74	31.98 2.20 -0.02
NARROWS_GT1_8 24235	28.73 2.15 -0.01	26.23 1.74 0.00	24.24 1.71 0.00	22.35 1.56 0.00	21.24 1.33 0.00	22.61 1.36 0.00	25.94 1.35 0.00	27.00 1.72 0.00	31.46 2.25 0.00	32.21 2.58 0.00	34.41 2.99 -0.01	35.89 3.08 -0.01	36.37 2.88 0.00	38.23 2.92 -0.06	43.77 3.17 0.00	49.77 3.94 -0.06	77.37 4.90 -16.74	76.99 6.12 -9.04	76.92 4.68 -14.46	73.59 3.82 -18.90	42.62 2.57 0.00	37.61 2.59 -0.06	37.88 2.62 -1.74	31.98 2.20 -0.02
NARROWS_GT2_1 24236	28.73 2.15 -0.01	26.23 1.74 0.00	24.24 1.71 0.00	22.35 1.56 0.00	21.24 1.33 0.00	22.61 1.36 0.00	25.94 1.35 0.00	27.00 1.72 0.00	31.46 2.25 0.00	32.21 2.58 0.00	34.41 2.99 -0.01	35.89 3.08 -0.01	36.37 2.88 0.00	38.23 2.92 -0.06	43.77 3.17 0.00	49.77 3.94 -0.06	77.37 4.90 -16.74	76.99 6.12 -9.04	76.92 4.68 -14.46	73.59 3.82 -18.90	42.62 2.57 0.00	37.61 2.59 -0.06	37.88 2.62 -1.74	31.98 2.20 -0.02
NARROWS_GT2_2 24237	28.73 2.15 -0.01	26.23 1.74 0.00	24.24 1.71 0.00	22.35 1.56 0.00	21.24 1.33 0.00	22.61 1.36 0.00	25.94 1.35 0.00	27.00 1.72 0.00	31.46 2.25 0.00	32.21 2.58 0.00	34.41 2.99 -0.01	35.89 3.08 -0.01	36.37 2.88 0.00	38.23 2.92 -0.06	43.77 3.17 0.00	49.77 3.94 -0.06	77.37 4.90 -16.74	76.99 6.12 -9.04	76.92 4.68 -14.46	73.59 3.82 -18.90	42.62 2.57 0.00	37.61 2.59 -0.06	37.88 2.62 -1.74	31.98 2.20 -0.02
NARROWS_GT2_3 24238	28.73 2.15 -0.01	26.23 1.74 0.00	24.24 1.71 0.00	22.35 1.56 0.00	21.24 1.33 0.00	22.61 1.36 0.00	25.94 1.35 0.00	27.00 1.72 0.00	31.46 2.25 0.00	32.21 2.58 0.00	34.41 2.99 -0.01	35.89 3.08 -0.01	36.37 2.88 0.00	38.23 2.92 -0.06	43.77 3.17 0.00	49.77 3.94 -0.06	77.37 4.90 -16.74	76.99 6.12 -9.04	76.92 4.68 -14.46	73.59 3.82 -18.90	42.62 2.57 0.00	37.61 2.59 -0.06	37.88 2.62 -1.74	31.98 2.20 -0.02
NARROWS_GT2_4 24239	28.73 2.15 -0.01	26.23 1.74 0.00	24.24 1.71 0.00	22.35 1.56 0.00	21.24 1.33 0.00	22.61 1.36 0.00	25.94 1.35 0.00	27.00 1.72 0.00	31.46 2.25 0.00	32.21 2.58 0.00	34.41 2.99 -0.01	35.89 3.08 -0.01	36.37 2.88 0.00	38.23 2.92 -0.06	43.77 3.17 0.00	49.77 3.94 -0.06	77.37 4.90 -16.74	76.99 6.12 -9.04	76.92 4.68 -14.46	73.59 3.82 -18.90	42.62 2.57 0.00	37.61 2.59 -0.06	37.88 2.62 -1.74	31.98 2.20 -0.02

NARROWS_GT2_5 24240	28.73 2.15 -0.01	26.23 1.74 0.00	24.24 1.71 0.00	22.35 1.56 0.00	21.24 1.33 0.00	22.61 1.36 0.00	25.94 1.35 0.00	27.00 1.72 0.00	31.46 2.25 0.00	32.21 2.58 0.00	34.41 2.99 -0.01	35.89 3.08 -0.01	36.37 2.88 0.00	38.23 2.92 -0.06	43.77 3.17 0.00	49.77 3.94 -0.06	77.37 4.90 -16.74	76.99 6.12 -9.04	76.92 4.68 -14.46	73.59 3.82 -18.90	42.62 2.57 0.00	37.61 2.59 -0.06	37.88 2.62 -1.74	31.98 2.20 -0.02
NARROWS_GT2_6 24241	28.73 2.15 -0.01	26.23 1.74 0.00	24.24 1.71 0.00	22.35 1.56 0.00	21.24 1.33 0.00	22.61 1.36 0.00	25.94 1.35 0.00	27.00 1.72 0.00	31.46 2.25 0.00	32.21 2.58 0.00	34.41 2.99 -0.01	35.89 3.08 -0.01	36.37 2.88 0.00	38.23 2.92 -0.06	43.77 3.17 0.00	49.77 3.94 -0.06	77.37 4.90 -16.74	76.99 6.12 -9.04	76.92 4.68 -14.46	73.59 3.82 -18.90	42.62 2.57 0.00	37.61 2.59 -0.06	37.88 2.62 -1.74	31.98 2.20 -0.02
NARROWS_GT2_7 24242	28.73 2.15 -0.01	26.23 1.74 0.00	24.24 1.71 0.00	22.35 1.56 0.00	21.24 1.33 0.00	22.61 1.36 0.00	25.94 1.35 0.00	27.00 1.72 0.00	31.46 2.25 0.00	32.21 2.58 0.00	34.41 2.99 -0.01	35.89 3.08 -0.01	36.37 2.88 0.00	38.23 2.92 -0.06	43.77 3.17 0.00	49.77 3.94 -0.06	77.37 4.90 -16.74	76.99 6.12 -9.04	76.92 4.68 -14.46	73.59 3.82 -18.90	42.62 2.57 0.00	37.61 2.59 -0.06	37.88 2.62 -1.74	31.98 2.20 -0.02
NARROWS_GT2_8 24243	28.73 2.15 -0.01	26.23 1.74 0.00	24.24 1.71 0.00	22.35 1.56 0.00	21.24 1.33 0.00	22.61 1.36 0.00	25.94 1.35 0.00	27.00 1.72 0.00	31.46 2.25 0.00	32.21 2.58 0.00	34.41 2.99 -0.01	35.89 3.08 -0.01	36.37 2.88 0.00	38.23 2.92 -0.06	43.77 3.17 0.00	49.77 3.94 -0.06	77.37 4.90 -16.74	76.99 6.12 -9.04	76.92 4.68 -14.46	73.59 3.82 -18.90	42.62 2.57 0.00	37.61 2.59 -0.06	37.88 2.62 -1.74	31.98 2.20 -0.02
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	27.11 1.41 0.86	25.60 1.10 0.00	23.64 1.10 0.00	21.79 1.00 0.00	20.84 0.94 0.00	22.42 1.17 0.00	25.35 1.55 0.78	26.37 1.09 0.00	30.46 1.26 0.00	31.02 1.39 0.00	33.25 1.85 0.02	34.47 1.67 0.00	33.04 1.37 1.83	35.45 1.48 1.28	38.94 1.95 3.61	42.31 2.33 5.81	58.44 2.73 0.02	64.79 2.97 0.00	60.44 2.66 0.00	53.47 2.59 0.00	42.33 2.28 0.00	36.82 1.85 0.00	35.37 1.84 0.00	31.16 1.40 0.00
NCHELSEA_115KV_TR2 355582	28.29 1.73 0.00	26.01 1.52 0.00	24.00 1.46 0.00	22.16 1.37 0.00	21.06 1.15 0.00	22.50 1.25 0.00	25.96 1.38 0.00	26.74 1.47 0.00	30.90 1.69 0.00	31.55 1.93 0.00	33.65 2.23 0.00	35.16 2.36 0.00	35.93 2.44 0.00	37.68 2.43 0.00	43.56 2.96 0.00	49.35 3.57 0.00	60.07 4.35 0.00	66.96 5.13 0.00	62.06 4.28 0.00	54.43 3.56 0.00	42.73 2.68 0.00	37.28 2.31 0.00	35.67 2.15 0.00	31.58 1.82 0.00
NEG CAPITAL___MECHNVIL 23645	29.92 1.65 -1.71	26.01 1.52 0.00	24.00 1.46 0.00	22.12 1.33 0.00	21.16 1.25 0.00	22.63 1.38 0.00	27.57 1.52 -1.46	26.77 1.49 0.00	31.05 1.84 0.00	31.58 1.96 0.00	33.62 2.17 -0.03	35.06 2.26 0.00	39.25 2.15 -3.62	40.10 2.33 -2.53	50.55 2.80 -7.15	60.62 3.34 -11.50	59.83 4.07 -0.04	66.90 5.07 0.00	62.12 4.34 0.00	54.79 3.92 0.00	43.25 3.21 0.00	37.70 2.73 0.00	35.94 2.42 0.00	31.69 1.93 0.00
NEG CENTRAL_HIGH_ACRES 23767	26.20 -0.37 0.00	24.25 -0.24 0.00	22.08 -0.45 0.00	20.33 -0.46 0.00	19.55 -0.36 0.00	20.87 -0.38 0.00	24.56 -0.02 0.00	25.10 -0.18 0.00	29.29 0.09 0.00	29.45 -0.18 0.00	31.55 0.13 0.00	33.00 0.20 0.00	33.89 0.40 0.00	35.70 0.46 0.00	40.89 0.29 0.00	46.01 0.23 0.00	55.67 -0.06 0.00	62.20 0.37 0.00	57.79 0.00 0.00	51.23 0.36 0.00	40.61 0.56 0.00	35.50 0.53 0.00	34.26 0.74 0.00	30.15 0.39 0.00
NEG CENTRAL___DRP 24199	26.70 0.13 0.00	24.64 0.15 0.00	22.58 0.05 0.00	20.81 0.02 0.00	20.00 0.10 0.00	21.35 0.11 0.00	24.88 0.30 0.00	25.66 0.38 0.00	29.85 0.64 0.00	30.04 0.41 0.00	32.14 0.72 0.00	33.52 0.72 0.00	34.33 0.84 0.00	36.27 1.02 0.00	41.49 0.89 0.00	46.74 0.96 0.00	56.78 1.06 0.00	63.18 1.36 0.00	59.06 1.27 0.00	52.09 1.22 0.00	41.13 1.08 0.00	36.09 1.12 0.00	34.56 1.04 0.00	30.56 0.80 0.00
NEG CENTRAL___INDECK 23768	27.60 1.04 0.00	25.57 1.08 0.00	23.21 0.68 0.00	21.37 0.58 0.00	20.56 0.66 0.00	21.99 0.74 0.00	25.94 1.35 0.00	26.39 1.11 0.00	30.72 1.52 0.00	30.52 0.89 0.00	32.61 1.19 0.00	34.02 1.21 0.00	34.93 1.44 0.00	36.59 1.34 0.00	40.76 0.16 0.00	45.96 0.18 0.00	55.45 -0.28 0.00	62.32 0.49 0.00	58.48 0.70 0.00	52.65 1.78 0.00	42.09 2.04 0.00	37.73 2.76 0.00	36.54 3.02 0.00	32.08 2.32 0.00
NEG CENTRAL___SENECA 23627	26.89 0.32 0.00	24.81 0.32 0.00	22.69 0.16 0.00	20.94 0.15 0.00	20.10 0.20 0.00	21.50 0.25 0.00	25.08 0.49 0.00	25.86 0.58 0.00	30.14 0.93 0.00	30.25 0.62 0.00	32.43 1.01 0.00	33.79 0.98 0.00	34.59 1.11 0.00	36.59 1.34 0.00	41.66 1.06 0.00	46.92 1.14 0.00	56.95 1.23 0.00	63.43 1.61 0.00	59.35 1.56 0.00	52.35 1.48 0.00	41.33 1.28 0.00	36.33 1.36 0.00	34.83 1.31 0.00	30.86 1.10 0.00
NEG CENTRAL___STATE_STREET 24147	26.94 0.37 0.00	24.89 0.39 0.00	22.80 0.27 0.00	21.04 0.25 0.00	20.18 0.28 0.00	21.55 0.30 0.00	25.05 0.47 0.00	25.83 0.56 0.00	30.02 0.82 0.00	30.31 0.68 0.00	32.14 0.72 0.00	33.62 0.82 0.00	34.43 0.94 0.00	36.38 1.13 0.00	42.18 1.58 0.00	47.47 1.69 0.00	57.73 2.01 0.00	64.30 2.47 0.00	59.98 2.20 0.00	52.80 1.93 0.00	41.73 1.68 0.00	36.47 1.50 0.00	34.86 1.34 0.00	30.77 1.01 0.00
NEG MILLWOOD___DRP 24198	28.32 1.75 0.00	26.06 1.57 0.00	24.07 1.53 0.00	22.23 1.43 0.00	21.10 1.19 0.00	22.54 1.30 0.00	25.96 1.38 0.00	26.87 1.59 0.00	31.08 1.87 0.00	31.73 2.10 0.00	33.87 2.45 0.00	35.33 2.53 0.00	36.17 2.68 0.00	38.07 2.82 0.00	44.01 3.41 0.00	49.90 4.12 0.00	61.02 5.29 0.00	68.07 6.24 0.00	63.04 5.26 0.00	55.14 4.27 0.00	43.17 3.12 0.00	37.56 2.59 0.00	35.87 2.35 0.00	31.72 1.96 0.00
NEG NORTH_FLCN_SEA 23793	27.44 0.88 0.00	25.25 0.76 0.00	23.14 0.61 0.00	21.31 0.52 0.00	20.42 0.52 0.00	21.78 0.53 0.00	25.30 0.71 0.00	25.83 0.56 0.00	29.44 0.23 0.00	29.84 0.21 0.00	31.42 0.00 0.00	32.97 0.16 0.00	33.86 0.37 0.00	35.71 0.46 0.00	41.09 0.49 0.00	46.01 0.23 0.00	56.34 0.61 0.00	62.32 0.49 0.00	58.48 0.69 0.00	50.92 0.05 0.00	39.89 -0.16 0.00	34.34 -0.63 0.00	32.85 -0.67 0.00	29.22 -0.54 0.00
NEG NORTH_KES_CHATEGAY 23792	27.07 0.50 0.00	24.91 0.42 0.00	22.85 0.32 0.00	21.02 0.23 0.00	20.16 0.26 0.00	21.50 0.25 0.00	24.93 0.34 0.00	25.48 0.20 0.00	29.06 -0.15 0.00	29.45 -0.18 0.00	31.04 -0.38 0.00	32.54 -0.26 0.00	33.39 -0.10 0.00	35.18 -0.07 0.00	40.48 -0.12 0.00	45.32 -0.46 0.00	55.45 -0.28 0.00	61.33 -0.49 0.00	57.55 -0.23 0.00	50.16 -0.71 0.00	39.33 -0.72 0.00	33.89 -1.08 0.00	32.45 -1.07 0.00	28.90 -0.86 0.00



NEG NORTH___ALICE_FALLS 23915	27.39 0.82 0.00	25.20 0.71 0.00	23.12 0.59 0.00	21.27 0.48 0.00	20.40 0.50 0.00	21.74 0.49 0.00	25.25 0.66 0.00	25.81 0.53 0.00	29.41 0.20 0.00	29.81 0.18 0.00	31.39 -0.03 0.00	32.93 0.13 0.00	33.82 0.33 0.00	35.67 0.42 0.00	41.09 0.49 0.00	46.01 0.23 0.00	56.34 0.61 0.00	62.32 0.49 0.00	58.54 0.75 0.00	50.92 0.05 0.00	39.97 -0.08 0.00	34.38 -0.59 0.00	32.89 -0.64 0.00	29.22 -0.54 0.00
NEG NORTH___LWR_SARANAC 23913	27.39 0.82 0.00	25.20 0.71 0.00	23.12 0.59 0.00	21.27 0.48 0.00	20.40 0.50 0.00	21.74 0.49 0.00	25.25 0.66 0.00	25.81 0.53 0.00	29.41 0.20 0.00	29.81 0.18 0.00	31.39 -0.03 0.00	32.93 0.13 0.00	33.82 0.33 0.00	35.67 0.42 0.00	41.09 0.49 0.00	46.01 0.23 0.00	56.34 0.61 0.00	62.32 0.49 0.00	58.54 0.75 0.00	50.92 0.05 0.00	39.97 -0.08 0.00	34.38 -0.59 0.00	32.89 -0.64 0.00	29.22 -0.54 0.00
NEG NORTH___PLATTSBURG 23628	27.39 0.82 0.00	25.20 0.71 0.00	23.12 0.58 0.00	21.27 0.48 0.00	20.40 0.50 0.00	21.74 0.49 0.00	25.27 0.69 0.00	25.81 0.53 0.00	29.41 0.21 0.00	29.81 0.18 0.00	31.36 -0.06 0.00	32.93 0.13 0.00	33.82 0.33 0.00	35.78 0.53 0.00	41.09 0.49 0.00	45.82 0.05 0.00	56.34 0.61 0.00	61.89 0.06 0.00	58.53 0.75 0.00	50.82 -0.05 0.00	39.97 -0.08 0.00	34.38 -0.59 0.00	32.88 -0.64 0.00	29.23 -0.53 0.00
NEG WEST_LEA_LOCKPORT 23791	26.35 -0.21 0.00	24.47 -0.02 0.00	22.33 -0.20 0.00	20.56 -0.23 0.00	19.89 -0.02 0.00	21.14 -0.11 0.00	24.78 0.20 0.00	25.15 -0.13 0.00	29.61 0.41 0.00	29.36 -0.27 0.00	30.95 -0.47 0.00	32.54 -0.26 0.00	33.52 0.03 0.00	35.67 0.42 0.00	40.11 -0.49 0.00	44.91 -0.87 0.00	53.77 -1.95 0.00	59.85 -1.98 0.00	56.11 -1.68 0.00	49.85 -1.02 0.00	39.65 -0.40 0.00	35.18 0.21 0.00	34.46 0.94 0.00	30.30 0.54 0.00
NEG WEST___LANCASTR 23811	26.57 0.00 0.00	24.62 0.12 0.00	22.44 -0.09 0.00	20.71 -0.08 0.00	20.00 0.10 0.00	21.35 0.11 0.00	24.93 0.34 0.00	25.58 0.30 0.00	29.99 0.79 0.00	29.84 0.21 0.00	31.80 0.38 0.00	33.39 0.59 0.00	34.36 0.87 0.00	36.52 1.27 0.00	41.21 0.61 0.00	46.28 0.50 0.00	55.50 -0.22 0.00	61.64 -0.19 0.00	57.73 -0.06 0.00	51.13 0.25 0.00	40.57 0.52 0.00	35.98 1.01 0.00	34.90 1.37 0.00	30.77 1.01 0.00
NEG_PENN_ALLEGHNY 23528	27.02 0.45 0.00	24.96 0.46 0.00	22.85 0.32 0.00	21.08 0.29 0.00	20.22 0.32 0.00	21.63 0.38 0.00	25.18 0.59 0.00	25.86 0.58 0.00	30.02 0.82 0.00	30.28 0.65 0.00	32.36 0.94 0.00	33.79 0.98 0.00	34.66 1.17 0.00	36.45 1.20 0.00	41.86 1.26 0.00	47.20 1.42 0.00	57.28 1.56 0.00	63.99 2.16 0.00	59.29 1.50 0.00	52.45 1.58 0.00	41.41 1.36 0.00	36.26 1.29 0.00	34.76 1.24 0.00	30.74 0.98 0.00
NEG___GEN_MONROE 24207	26.57 0.00 0.00	24.64 0.15 0.00	22.49 -0.05 0.00	20.71 -0.08 0.00	19.93 0.02 0.00	21.27 0.02 0.00	24.93 0.34 0.00	25.51 0.23 0.00	29.82 0.61 0.00	29.78 0.15 0.00	31.67 0.25 0.00	33.33 0.52 0.00	34.26 0.77 0.00	36.38 1.13 0.00	41.21 0.61 0.00	46.23 0.46 0.00	55.67 -0.06 0.00	61.95 0.12 0.00	58.02 0.23 0.00	51.33 0.46 0.00	40.65 0.60 0.00	35.88 0.91 0.00	34.80 1.27 0.00	30.71 0.95 0.00
NEPA___ENERGY 23901	26.86 0.29 0.00	24.86 0.37 0.00	22.67 0.14 0.00	20.94 0.15 0.00	20.20 0.30 0.00	21.57 0.32 0.00	25.18 0.59 0.00	25.81 0.53 0.00	30.26 1.05 0.00	30.13 0.50 0.00	32.05 0.63 0.00	33.65 0.85 0.00	34.69 1.21 0.00	36.83 1.59 0.00	41.53 0.93 0.00	46.65 0.87 0.00	55.95 0.22 0.00	62.13 0.31 0.00	58.19 0.40 0.00	51.63 0.76 0.00	40.93 0.88 0.00	36.33 1.36 0.00	35.20 1.68 0.00	31.10 1.34 0.00
NEVERSINK___HYD 23608	28.19 1.62 0.00	25.86 1.37 0.00	23.86 1.33 0.00	22.04 1.25 0.00	20.94 1.03 0.00	22.37 1.13 0.00	25.77 1.18 0.00	26.59 1.31 0.00	30.69 1.49 0.00	31.35 1.72 0.00	33.43 2.01 0.00	34.97 2.16 0.00	35.73 2.24 0.00	37.36 2.11 0.00	43.12 2.52 0.00	48.89 3.11 0.00	59.79 4.07 0.00	67.02 5.19 0.00	61.95 4.16 0.00	54.38 3.51 0.00	42.53 2.48 0.00	37.21 2.24 0.00	35.53 2.01 0.00	31.40 1.64 0.00
NEWKRMKL_115KV_TB1 55635	25.98 0.72 1.31	25.16 0.66 0.00	23.21 0.68 0.00	21.44 0.64 0.00	20.54 0.64 0.00	21.91 0.66 0.00	24.13 0.66 1.12	25.83 0.56 0.00	29.91 0.70 0.00	30.49 0.86 0.00	32.43 1.04 0.03	33.85 1.05 0.00	31.60 0.87 2.76	34.20 0.88 1.93	36.32 1.18 5.46	38.45 1.46 8.79	57.37 1.67 0.03	63.99 2.16 0.00	59.52 1.73 0.00	52.40 1.53 0.00	41.37 1.32 0.00	36.05 1.08 0.00	34.53 1.01 0.00	30.53 0.77 0.00
NEWTON___FALLS_HYD 23847	26.75 0.19 0.00	24.64 0.15 0.00	22.60 0.07 0.00	20.75 -0.04 0.00	19.99 0.08 0.00	21.31 0.06 0.00	24.68 0.10 0.00	25.30 0.03 0.00	28.86 -0.35 0.00	29.13 -0.50 0.00	30.73 -0.69 0.00	32.11 -0.69 0.00	32.68 -0.80 0.00	34.40 -0.85 0.00	39.67 -0.93 0.00	44.31 -1.46 0.00	54.33 -1.39 0.00	60.34 -1.48 0.00	57.15 -0.64 0.00	50.46 -0.41 0.00	39.45 -0.60 0.00	34.38 -0.59 0.00	33.42 -0.10 0.00	29.64 -0.12 0.00
NGRID_A1_DSASP 323792	25.90 -0.66 0.00	24.08 -0.42 0.00	21.81 -0.72 0.00	20.08 -0.71 0.00	19.41 -0.50 0.00	20.72 -0.53 0.00	24.61 0.02 0.00	24.65 -0.63 0.00	29.06 -0.15 0.00	28.74 -0.89 0.00	30.70 -0.72 0.00	32.01 -0.79 0.00	33.09 -0.40 0.00	34.86 -0.39 0.00	39.46 -1.14 0.00	44.27 -1.51 0.00	52.88 -2.84 0.00	59.04 -2.78 0.00	54.90 -2.89 0.00	49.19 -1.68 0.00	39.45 -0.60 0.00	34.62 -0.35 0.00	34.06 0.53 0.00	30.12 0.36 0.00
NGRID_A2_DSASP 323793	25.90 -0.66 0.00	24.08 -0.42 0.00	21.81 -0.72 0.00	20.08 -0.71 0.00	19.41 -0.50 0.00	20.72 -0.53 0.00	24.61 0.02 0.00	24.65 -0.63 0.00	29.06 -0.15 0.00	28.74 -0.89 0.00	30.70 -0.72 0.00	32.01 -0.79 0.00	33.09 -0.40 0.00	34.86 -0.39 0.00	39.46 -1.14 0.00	44.27 -1.51 0.00	52.88 -2.84 0.00	59.04 -2.78 0.00	54.90 -2.89 0.00	49.19 -1.68 0.00	39.45 -0.60 0.00	34.62 -0.35 0.00	34.06 0.53 0.00	30.12 0.36 0.00
NGRID_A4_DSASP 323807	25.74 -0.82 0.00	23.91 -0.59 0.00	21.81 -0.72 0.00	20.08 -0.71 0.00	19.41 -0.50 0.00	20.67 -0.57 0.00	24.24 -0.34 0.00	24.65 -0.63 0.00	29.06 -0.15 0.00	28.74 -0.89 0.00	30.45 -0.97 0.00	31.98 -0.82 0.00	32.99 -0.50 0.00	35.07 -0.18 0.00	39.42 -1.18 0.00	44.13 -1.65 0.00	52.83 -2.90 0.00	58.73 -3.09 0.00	55.07 -2.72 0.00	48.94 -1.93 0.00	38.93 -1.12 0.00	34.59 -0.38 0.00	33.92 0.40 0.00	29.76 0.00 0.00
NIAGARA_115E_LBMP 323715	26.14 -0.43 0.00	24.35 -0.15 0.00	22.04 -0.50 0.00	20.29 -0.50 0.00	19.67 -0.24 0.00	20.93 -0.32 0.00	24.81 0.22 0.00	24.70 -0.58 0.00	29.09 -0.12 0.00	28.80 -0.83 0.00	30.79 -0.63 0.00	32.08 -0.72 0.00	33.15 -0.33 0.00	34.90 -0.35 0.00	39.54 -1.06 0.00	44.36 -1.42 0.00	53.05 -2.67 0.00	59.29 -2.54 0.00	55.07 -2.71 0.00	49.35 -1.52 0.00	39.57 -0.48 0.00	34.69 -0.28 0.00	34.09 0.57 0.00	29.97 0.21 0.00

NIAGARA_115W_LBMP 323714	25.80 -0.77 0.00	23.98 -0.52 0.00	21.72 -0.81 0.00	20.00 -0.79 0.00	19.33 -0.58 0.00	20.63 -0.62 0.00	24.51 -0.07 0.00	24.52 -0.76 0.00	28.91 -0.29 0.00	28.62 -1.01 0.00	30.57 -0.85 0.00	31.85 -0.95 0.00	32.92 -0.57 0.00	34.68 -0.57 0.00	39.26 -1.34 0.00	44.04 -1.74 0.00	52.66 -3.06 0.00	58.80 -3.03 0.00	54.66 -3.12 0.00	48.99 -1.88 0.00	39.29 -0.76 0.00	34.45 -0.52 0.00	33.89 0.37 0.00	30.00 0.24 0.00
NIAGARA_230_LBMP 323716	26.14 -0.43 0.00	24.32 -0.17 0.00	22.02 -0.52 0.00	20.29 -0.50 0.00	19.61 -0.30 0.00	20.93 -0.32 0.00	24.83 0.25 0.00	24.87 -0.41 0.00	29.29 0.09 0.00	29.01 -0.62 0.00	30.98 -0.44 0.00	32.31 -0.49 0.00	33.39 -0.10 0.00	35.14 -0.11 0.00	39.83 -0.77 0.00	44.68 -1.10 0.00	53.44 -2.29 0.00	59.72 -2.10 0.00	55.53 -2.25 0.00	49.70 -1.17 0.00	39.85 -0.20 0.00	34.94 -0.03 0.00	34.33 0.80 0.00	30.21 0.45 0.00
NIAGARA__115KV_198_GIBSON 55903	25.61 -0.96 0.00	23.81 -0.69 0.00	21.72 -0.81 0.00	20.00 -0.79 0.00	19.33 -0.58 0.00	20.57 -0.68 0.00	24.14 -0.44 0.00	24.52 -0.76 0.00	28.91 -0.29 0.00	28.62 -1.01 0.00	30.32 -1.10 0.00	31.85 -0.95 0.00	32.82 -0.67 0.00	34.90 -0.35 0.00	39.26 -1.34 0.00	43.95 -1.83 0.00	52.55 -3.18 0.00	58.42 -3.40 0.00	54.84 -2.95 0.00	48.73 -2.14 0.00	38.77 -1.28 0.00	34.41 -0.56 0.00	33.79 0.27 0.00	29.64 -0.12 0.00
NIAGARA____ 23760	25.93 -0.64 0.00	24.10 -0.39 0.00	21.81 -0.72 0.00	20.11 -0.69 0.00	19.41 -0.50 0.00	20.72 -0.53 0.00	24.61 0.02 0.00	24.65 -0.63 0.00	29.06 -0.15 0.00	28.77 -0.86 0.00	30.76 -0.66 0.00	32.05 -0.75 0.00	33.12 -0.37 0.00	34.90 -0.35 0.00	39.59 -1.01 0.00	44.40 -1.37 0.00	53.11 -2.62 0.00	59.35 -2.47 0.00	55.19 -2.60 0.00	49.35 -1.52 0.00	39.53 -0.52 0.00	34.65 -0.32 0.00	34.06 0.53 0.00	30.00 0.24 0.00
NINE_MILE_1 23575	25.80 -0.77 0.00	23.81 -0.69 0.00	21.86 -0.68 0.00	20.17 -0.62 0.00	19.33 -0.58 0.00	20.63 -0.62 0.00	23.95 -0.64 0.00	24.60 -0.68 0.00	28.48 -0.73 0.00	28.80 -0.83 0.00	30.67 -0.75 0.00	32.01 -0.79 0.00	32.75 -0.74 0.00	34.47 -0.78 0.00	39.67 -0.93 0.00	44.68 -1.10 0.00	54.33 -1.39 0.00	60.46 -1.36 0.00	56.34 -1.44 0.00	49.70 -1.17 0.00	39.21 -0.84 0.00	34.23 -0.74 0.00	32.85 -0.67 0.00	29.11 -0.65 0.00
NINE_MILE_2 23744	25.80 -0.77 0.00	23.81 -0.69 0.00	21.86 -0.68 0.00	20.17 -0.62 0.00	19.35 -0.56 0.00	20.63 -0.62 0.00	23.95 -0.64 0.00	24.60 -0.68 0.00	28.48 -0.73 0.00	28.80 -0.83 0.00	30.67 -0.75 0.00	32.01 -0.79 0.00	32.75 -0.74 0.00	34.47 -0.78 0.00	39.67 -0.93 0.00	44.68 -1.10 0.00	54.33 -1.39 0.00	60.46 -1.36 0.00	56.34 -1.44 0.00	49.70 -1.17 0.00	39.21 -0.84 0.00	34.23 -0.74 0.00	32.85 -0.67 0.00	29.11 -0.65 0.00
NM_CAPITAL____DRP 24208	25.70 0.77 1.64	25.23 0.73 0.00	23.28 0.74 0.00	21.50 0.71 0.00	20.58 0.68 0.00	21.97 0.72 0.00	23.92 0.74 1.41	25.91 0.63 0.00	29.97 0.76 0.00	30.55 0.92 0.00	32.45 1.07 0.03	33.88 1.08 0.00	30.95 0.94 3.47	33.77 0.95 2.43	35.00 1.26 6.86	36.24 1.51 11.04	57.47 1.78 0.04	64.11 2.29 0.00	59.63 1.85 0.00	52.50 1.63 0.00	41.41 1.36 0.00	36.12 1.15 0.00	34.60 1.07 0.00	30.59 0.83 0.00
NM_CENTRAL____DRP 24181	26.33 -0.24 0.00	24.27 -0.22 0.00	22.31 -0.23 0.00	20.58 -0.21 0.00	19.73 -0.18 0.00	21.06 -0.19 0.00	24.44 -0.15 0.00	25.18 -0.10 0.00	29.21 0.00 0.00	29.48 -0.15 0.00	31.45 0.03 0.00	32.87 0.07 0.00	33.66 0.17 0.00	35.49 0.25 0.00	40.76 0.16 0.00	45.91 0.14 0.00	55.84 0.11 0.00	62.07 0.25 0.00	57.96 0.17 0.00	51.02 0.15 0.00	40.25 0.20 0.00	35.21 0.24 0.00	33.72 0.20 0.00	29.82 0.06 0.00
NM_FRONTIER____DRP 24179	25.61 -0.96 0.00	23.81 -0.69 0.00	21.72 -0.81 0.00	20.00 -0.79 0.00	19.33 -0.58 0.00	20.57 -0.68 0.00	24.14 -0.44 0.00	24.52 -0.76 0.00	28.91 -0.29 0.00	28.62 -1.01 0.00	30.32 -1.10 0.00	31.85 -0.95 0.00	32.82 -0.67 0.00	34.90 -0.35 0.00	39.26 -1.34 0.00	43.95 -1.83 0.00	52.55 -3.18 0.00	58.42 -3.40 0.00	54.84 -2.95 0.00	48.73 -2.14 0.00	38.77 -1.28 0.00	34.41 -0.56 0.00	33.79 0.27 0.00	29.64 -0.12 0.00
NM_ST_REGIS____HYD 24053	26.75 0.19 0.00	24.67 0.17 0.00	22.62 0.09 0.00	20.81 0.02 0.00	20.00 0.10 0.00	21.31 0.06 0.00	24.73 0.15 0.00	25.33 0.05 0.00	28.71 -0.50 0.00	28.98 -0.65 0.00	30.48 -0.94 0.00	31.88 -0.92 0.00	32.62 -0.87 0.00	34.40 -0.85 0.00	39.59 -1.02 0.00	44.22 -1.56 0.00	54.16 -1.56 0.00	59.91 -1.92 0.00	56.46 -1.33 0.00	49.55 -1.32 0.00	38.85 -1.20 0.00	33.78 -1.19 0.00	32.82 -0.70 0.00	29.22 -0.54 0.00
NORTHPORT____1 23551	34.56 2.71 -5.28	30.32 2.45 -3.38	26.23 2.37 -1.33	23.57 2.23 -0.55	22.51 2.05 -0.55	25.05 2.17 -1.64	30.59 2.29 -3.71	27.75 2.32 -0.15	32.41 2.69 -0.52	35.57 2.91 -3.04	38.61 2.99 -4.20	38.68 2.95 -2.93	39.45 2.71 -3.25	43.09 2.50 -5.34	49.66 2.76 -6.29	45.82 3.48 3.43	50.89 4.35 9.18	58.40 5.57 8.99	57.68 4.28 4.38	49.86 3.51 4.51	42.48 2.48 0.05	40.61 2.31 -3.33	38.38 2.52 -2.34	38.15 2.32 -6.07
NORTHPORT____2 23552	34.56 2.71 -5.28	30.32 2.45 -3.38	26.23 2.37 -1.33	23.57 2.23 -0.55	22.51 2.05 -0.55	25.05 2.17 -1.64	30.59 2.29 -3.71	27.75 2.32 -0.15	32.41 2.69 -0.52	35.57 2.91 -3.04	38.61 2.99 -4.20	38.68 2.95 -2.93	39.45 2.71 -3.25	43.09 2.50 -5.34	49.66 2.76 -6.29	45.82 3.48 3.43	50.89 4.35 9.18	58.40 5.57 8.99	57.68 4.28 4.38	49.86 3.51 4.51	42.48 2.48 0.05	40.61 2.31 -3.33	38.38 2.52 -2.34	38.15 2.32 -6.07
NORTHPORT____3 23553	33.87 2.02 -5.28	29.64 1.76 -3.38	25.60 1.74 -1.33	22.94 1.60 -0.55	21.88 1.43 -0.54	24.43 1.55 -1.63	30.11 1.82 -3.70	27.62 2.20 -0.14	32.17 2.66 -0.30	35.35 2.93 -2.79	38.15 2.73 -4.00	38.79 2.53 -3.46	39.49 2.41 -3.58	43.18 2.61 -5.33	49.77 2.88 -6.29	39.31 3.75 10.22	49.01 4.68 11.40	58.76 5.94 9.00	57.96 4.56 4.39	38.79 3.82 15.90	39.24 2.68 3.49	40.74 2.45 -3.32	38.79 2.42 -2.85	38.15 2.26 -6.13
NORTHPORT____4 23650	33.87 2.02 -5.28	29.64 1.76 -3.38	25.60 1.74 -1.33	22.94 1.60 -0.55	21.88 1.43 -0.54	24.43 1.55 -1.63	30.11 1.82 -3.70	27.62 2.20 -0.14	32.17 2.66 -0.30	35.35 2.93 -2.79	38.15 2.73 -4.00	38.79 2.53 -3.46	39.49 2.41 -3.58	43.18 2.61 -5.33	49.77 2.88 -6.29	39.31 3.75 10.22	49.01 4.68 11.40	58.76 5.94 9.00	57.96 4.56 4.39	38.79 3.82 15.90	39.24 2.68 3.49	40.74 2.45 -3.32	38.79 2.42 -2.85	38.15 2.26 -6.13
NORTHPORT____IC 23718	34.56 2.71 -5.28	30.32 2.45 -3.38	26.23 2.37 -1.33	23.57 2.23 -0.55	22.51 2.05 -0.55	25.05 2.17 -1.64	30.59 2.29 -3.71	27.75 2.32 -0.15	32.41 2.69 -0.52	35.57 2.91 -3.04	38.61 2.99 -4.20	38.68 2.95 -2.93	39.45 2.71 -3.25	43.09 2.50 -5.34	49.66 2.76 -6.29	45.82 3.48 3.43	50.89 4.35 9.18	58.40 5.57 8.99	57.68 4.28 4.38	49.86 3.51 4.51	42.48 2.48 0.05	40.61 2.31 -3.33	38.38 2.52 -2.34	38.15 2.32 -6.07

NORTH____COUNTRY_ESR 323785	27.02 0.45 0.00	24.86 0.37 0.00	22.80 0.27 0.00	20.98 0.19 0.00	20.10 0.20 0.00	21.44 0.19 0.00	24.88 0.30 0.00	25.41 0.13 0.00	28.97 -0.23 0.00	29.39 -0.24 0.00	30.95 -0.47 0.00	32.47 -0.33 0.00	33.29 -0.20 0.00	35.18 -0.07 0.00	40.40 -0.20 0.00	45.09 -0.69 0.00	55.34 -0.39 0.00	60.71 -1.11 0.00	57.38 -0.40 0.00	49.90 -0.97 0.00	39.17 -0.88 0.00	33.75 -1.22 0.00	32.35 -1.17 0.00	28.81 -0.95 0.00
NPX_GEN_1385_PROXY 323591	33.92 2.07 -5.28	29.93 2.06 -3.38	25.89 2.03 -1.33	23.26 1.91 -0.55	22.25 1.79 -0.55	24.73 1.85 -1.64	30.14 1.84 -3.71	27.60 2.17 -0.15	32.09 2.36 -0.52	35.04 2.37 -3.04	38.08 2.45 -4.20	37.90 2.16 -2.93	38.98 2.24 -3.25	42.45 1.87 -5.34	48.56 1.67 -6.29	45.00 2.65 3.43	50.00 3.46 9.18	57.29 4.45 8.99	56.70 3.29 4.38	49.00 2.64 4.51	41.80 1.80 0.05	39.98 1.68 -3.33	37.77 1.91 -2.34	37.55 1.73 -6.07
NPX_GEN_CSC 323557	34.80 2.95 -5.28	30.57 2.69 -3.38	26.53 2.66 -1.34	23.91 2.56 -0.56	22.88 2.37 -0.61	25.40 2.51 -1.65	31.28 2.92 -3.77	28.62 3.13 -0.20	35.14 3.59 -2.34	38.64 3.85 -5.16	41.22 3.86 -5.93	47.22 3.71 -10.71	53.12 3.59 -16.05	66.08 3.42 -27.41	107.80 3.69 -63.51	249.76 4.53 -199.45	254.73 5.52 -193.49	270.58 6.80 -201.95	250.47 5.37 -187.30	241.28 4.73 -185.67	125.84 3.48 -82.31	52.74 3.29 -14.48	46.74 3.42 -9.80	41.47 2.98 -8.73
NSINS_S_GLNS_FALLS 23858	29.39 1.73 -1.10	26.06 1.57 0.00	24.02 1.49 0.00	22.10 1.31 0.00	21.18 1.27 0.00	22.67 1.42 0.00	27.17 1.65 -0.94	26.85 1.57 0.00	31.16 1.96 0.00	31.70 2.07 0.00	33.64 2.20 -0.02	35.13 2.33 0.00	37.85 2.04 -2.32	39.19 2.33 -1.62	47.98 2.80 -4.58	56.49 3.34 -7.38	59.82 4.07 -0.02	66.71 4.88 0.00	62.52 4.74 0.00	55.19 4.32 0.00	43.97 3.92 0.00	38.19 3.22 0.00	36.24 2.72 0.00	31.90 2.14 0.00
NUCOR_STEEL____DRP 24197	26.81 0.24 0.00	24.76 0.27 0.00	22.69 0.16 0.00	20.94 0.15 0.00	20.10 0.20 0.00	21.44 0.19 0.00	24.93 0.34 0.00	25.66 0.38 0.00	29.82 0.61 0.00	30.07 0.44 0.00	32.11 0.69 0.00	33.59 0.79 0.00	34.39 0.90 0.00	36.31 1.06 0.00	41.82 1.22 0.00	47.06 1.28 0.00	57.23 1.50 0.00	63.74 1.92 0.00	59.46 1.68 0.00	52.40 1.53 0.00	41.37 1.32 0.00	36.19 1.22 0.00	34.63 1.11 0.00	30.56 0.80 0.00
NUMBER_THREE_WT_PWR 323818	26.94 0.37 0.00	24.81 0.32 0.00	22.74 0.20 0.00	20.75 -0.04 0.00	20.10 0.20 0.00	21.46 0.21 0.00	24.83 0.25 0.00	25.46 0.18 0.00	29.24 0.03 0.00	29.57 -0.06 0.00	31.36 -0.06 0.00	32.77 -0.03 0.00	33.12 -0.37 0.00	34.79 -0.46 0.00	40.07 -0.53 0.00	44.86 -0.92 0.00	55.00 -0.73 0.00	61.33 -0.50 0.00	58.42 0.64 0.00	51.68 0.81 0.00	40.25 0.20 0.00	35.04 0.07 0.00	34.03 0.50 0.00	30.09 0.33 0.00
NYISO_LBMP_REFERENCE 24008	26.57 0.00 0.00	24.49 0.00 0.00	22.53 0.00 0.00	20.79 0.00 0.00	19.91 0.00 0.00	21.25 0.00 0.00	24.59 0.00 0.00	25.28 0.00 0.00	29.21 0.00 0.00	29.63 0.00 0.00	31.42 0.00 0.00	32.80 0.00 0.00	33.49 0.00 0.00	35.25 0.00 0.00	40.60 0.00 0.00	45.78 0.00 0.00	55.72 0.00 0.00	61.82 0.00 0.00	57.79 0.00 0.00	50.87 0.00 0.00	40.05 0.00 0.00	34.97 0.00 0.00	33.52 0.00 0.00	29.76 0.00 0.00
NYPA_BRENTWD____GT 24164	34.91 3.05 -5.28	30.61 2.74 -3.38	26.50 2.64 -1.33	23.80 2.45 -0.55	22.72 2.25 -0.56	25.29 2.40 -1.64	30.94 2.63 -3.72	28.22 2.78 -0.16	33.31 3.24 -0.86	36.59 3.52 -3.44	39.65 3.71 -4.53	61.74 3.74 -25.20	55.97 3.52 -18.97	49.92 3.31 -11.35	66.03 3.53 -21.90	97.17 4.40 -47.00	105.70 5.46 -44.52	117.26 6.86 -48.57	111.20 5.49 -47.92	94.56 4.58 -39.11	63.37 3.40 -19.92	44.49 3.15 -6.37	60.56 3.35 -23.68	42.12 3.07 -9.30
NYPA_GOWANUS____GT5 24156	28.73 2.15 -0.01	26.23 1.74 0.00	24.24 1.71 0.00	22.35 1.56 0.00	21.24 1.33 0.00	22.61 1.36 0.00	25.94 1.35 0.00	27.00 1.72 0.00	31.46 2.25 0.00	32.21 2.58 0.00	34.41 2.99 -0.01	35.89 3.08 -0.01	36.37 2.88 0.00	38.23 2.92 -0.06	43.77 3.17 0.00	49.77 3.94 -0.06	77.37 4.90 -16.74	76.93 6.06 -9.04	76.92 4.68 -14.46	73.59 3.82 -18.90	42.62 2.57 0.00	37.61 2.59 -0.06	37.88 2.62 -1.74	31.98 2.20 -0.02
NYPA_GOWANUS____GT6 24157	28.73 2.15 -0.01	26.23 1.74 0.00	24.24 1.71 0.00	22.35 1.56 0.00	21.24 1.33 0.00	22.61 1.36 0.00	25.94 1.35 0.00	27.00 1.72 0.00	31.46 2.25 0.00	32.21 2.58 0.00	34.41 2.99 -0.01	35.89 3.08 -0.01	36.37 2.88 0.00	38.23 2.92 -0.06	43.77 3.17 0.00	49.77 3.94 -0.06	77.37 4.90 -16.74	76.93 6.06 -9.04	76.92 4.68 -14.46	73.59 3.82 -18.90	42.62 2.57 0.00	37.61 2.59 -0.06	37.88 2.62 -1.74	31.98 2.20 -0.02
NYPA_HARLEM_RVR_GT1 24160	28.65 2.07 -0.01	26.22 1.71 -0.01	24.23 1.69 -0.01	22.36 1.56 -0.01	21.29 1.37 -0.01	22.63 1.38 0.00	25.91 1.33 0.00	26.90 1.62 0.00	31.28 2.07 0.00	32.06 2.43 0.00	34.22 2.80 -0.01	35.73 2.92 -0.01	36.13 2.64 0.00	37.82 2.57 0.00	43.44 2.84 0.00	49.39 3.62 0.00	60.30 4.57 -0.01	67.52 5.68 -0.01	62.18 4.39 -0.01	54.42 3.56 0.01	42.21 2.16 0.00	37.28 2.31 0.00	35.98 2.45 -0.01	31.88 2.11 -0.01
NYPA_HARLEM_RVR_GT2 24161	28.65 2.07 -0.01	26.22 1.71 -0.01	24.23 1.69 -0.01	22.36 1.56 -0.01	21.29 1.37 -0.01	22.63 1.38 0.00	25.91 1.33 0.00	26.90 1.62 0.00	31.28 2.07 0.00	32.06 2.43 0.00	34.22 2.80 -0.01	35.73 2.92 -0.01	36.13 2.64 0.00	37.82 2.57 0.00	43.44 2.84 0.00	49.39 3.62 0.00	60.30 4.57 -0.01	67.52 5.68 -0.01	62.18 4.39 -0.01	54.42 3.56 0.01	42.21 2.16 0.00	37.28 2.31 0.00	35.98 2.45 -0.01	31.88 2.11 -0.01
NYPA_KENT____GT 24152	28.67 2.10 0.00	26.18 1.69 0.00	24.22 1.69 0.00	22.33 1.54 0.00	21.24 1.33 0.00	22.63 1.38 0.00	25.96 1.38 0.00	27.02 1.74 0.00	31.42 2.22 0.00	32.18 2.55 0.00	34.35 2.92 -0.01	35.83 3.02 -0.01	36.30 2.81 0.00	38.10 2.82 -0.03	43.65 3.05 0.00	49.61 3.80 -0.03	68.10 4.68 -7.70	67.73 5.88 -0.03	67.92 4.51 -5.62	63.18 3.61 -8.70	42.45 2.40 0.00	37.49 2.48 -0.03	37.04 2.52 -1.00	31.91 2.14 -0.01
NYPA_POUCH1____GT 24155	28.73 2.15 -0.01	26.21 1.71 0.00	24.22 1.69 0.00	22.31 1.52 0.00	21.20 1.29 0.00	22.57 1.32 0.00	25.87 1.28 0.00	26.92 1.64 0.00	31.37 2.16 0.00	32.15 2.52 0.00	34.32 2.89 -0.02	35.80 2.98 -0.02	36.45 2.78 -0.18	38.16 2.85 -0.06	43.65 3.05 0.00	49.68 3.85 -0.06	77.31 4.85 -16.74	76.93 6.06 -9.04	76.87 4.62 -14.46	73.48 3.71 -18.90	42.53 2.48 0.00	37.51 2.48 -0.06	37.81 2.55 -1.74	31.95 2.17 -0.02
NYPA_VERNON____GT2 24162	28.59 2.02 0.00	26.16 1.67 0.00	24.18 1.64 0.00	22.31 1.52 0.00	21.22 1.31 0.00	22.63 1.38 0.00	25.99 1.40 0.00	27.02 1.74 0.00	31.40 2.19 0.00	32.15 2.52 0.00	34.29 2.86 -0.01	35.73 2.92 -0.01	36.24 2.75 0.00	37.97 2.71 -0.01	43.56 2.96 0.00	49.45 3.66 -0.01	58.95 4.57 1.35	67.58 5.75 -0.01	58.91 4.34 3.21	52.87 3.51 1.51	42.37 2.32 0.00	37.36 2.38 -0.01	36.19 2.42 -0.25	31.85 2.08 0.00

NYPA_VERNON____GT3 24163	28.59 2.02 0.00	26.16 1.67 0.00	24.18 1.64 0.00	22.31 1.52 0.00	21.22 1.31 0.00	22.63 1.38 0.00	25.99 1.40 0.00	27.02 1.74 0.00	31.40 2.19 0.00	32.15 2.52 0.00	34.29 2.86 -0.01	35.73 2.92 -0.01	36.24 2.75 0.00	37.97 2.71 -0.01	43.56 2.96 0.00	49.45 3.66 -0.01	58.95 4.57 1.35	67.58 5.75 -0.01	58.91 4.34 3.21	52.87 3.51 1.51	42.37 2.32 0.00	37.36 2.38 -0.01	36.19 2.42 -0.25	31.85 2.08 0.00
NYPA____ASTORIA_CC1 323568	28.56 1.99 0.00	26.11 1.62 0.00	24.16 1.62 0.00	22.29 1.50 0.00	21.20 1.29 0.00	22.61 1.36 0.00	25.94 1.35 0.00	26.97 1.69 0.00	31.34 2.13 0.00	32.09 2.46 0.00	34.22 2.80 -0.01	35.70 2.89 -0.01	36.17 2.68 0.00	37.89 2.64 0.00	43.44 2.84 0.00	49.30 3.53 0.00	54.76 4.40 5.36	67.39 5.57 0.00	54.46 4.22 7.54	48.19 3.36 6.04	42.25 2.20 0.00	37.28 2.31 0.00	35.90 2.38 0.00	31.78 2.02 0.00
NYPA____ASTORIA_CC2 323569	28.56 1.99 0.00	26.11 1.62 0.00	24.16 1.62 0.00	22.29 1.50 0.00	21.20 1.29 0.00	22.61 1.36 0.00	25.94 1.35 0.00	26.97 1.69 0.00	31.34 2.13 0.00	32.09 2.46 0.00	34.22 2.80 -0.01	35.70 2.89 -0.01	36.17 2.68 0.00	37.89 2.64 0.00	43.44 2.84 0.00	49.30 3.53 0.00	54.76 4.40 5.36	67.39 5.57 0.00	54.46 4.22 7.54	48.19 3.36 6.04	42.25 2.20 0.00	37.28 2.31 0.00	35.90 2.38 0.00	31.78 2.02 0.00
NYPA____HOLTSVILL 23794	34.75 2.90 -5.28	30.49 2.62 -3.38	26.42 2.55 -1.34	23.72 2.37 -0.56	22.70 2.19 -0.61	25.23 2.34 -1.64	30.93 2.58 -3.77	28.24 2.76 -0.20	34.73 3.21 -2.31	38.16 3.41 -5.13	40.78 3.46 -5.91	46.87 3.41 -10.65	52.62 3.25 -15.88	65.51 3.17 -27.09	106.76 3.49 -62.66	246.47 4.35 -196.35	251.53 5.35 -190.46	267.34 6.68 -198.83	247.57 5.31 -184.47	238.04 4.48 -182.69	124.33 3.24 -81.04	52.30 3.01 -14.32	46.48 3.22 -9.74	41.32 2.86 -8.70
NYPA____HELLGATE_GT1 24158	28.65 2.07 -0.01	26.22 1.71 -0.01	24.23 1.69 -0.01	22.36 1.56 -0.01	21.29 1.37 -0.01	22.63 1.38 0.00	25.91 1.33 0.00	26.90 1.62 0.00	31.28 2.07 0.00	32.06 2.43 0.00	34.22 2.80 -0.01	35.73 2.92 -0.01	36.13 2.64 0.00	37.82 2.57 0.00	43.44 2.84 0.00	49.39 3.62 0.00	60.30 4.57 -0.01	67.52 5.68 -0.01	62.18 4.39 -0.01	54.42 3.56 0.01	42.21 2.16 0.00	37.28 2.31 0.00	35.98 2.45 -0.01	31.88 2.11 -0.01
NYPA____HELLGATE_GT2 24159	28.65 2.07 -0.01	26.22 1.71 -0.01	24.23 1.69 -0.01	22.36 1.56 -0.01	21.29 1.37 -0.01	22.63 1.38 0.00	25.91 1.33 0.00	26.90 1.62 0.00	31.28 2.07 0.00	32.06 2.43 0.00	34.22 2.80 -0.01	35.73 2.92 -0.01	36.13 2.64 0.00	37.82 2.57 0.00	43.44 2.84 0.00	49.39 3.62 0.00	60.30 4.57 -0.01	67.52 5.68 -0.01	62.18 4.39 0.01	54.42 3.56 0.01	42.21 2.16 0.00	37.28 2.31 0.00	35.98 2.45 -0.01	31.88 2.11 -0.01
NYS_BARGE____HYD 23848	26.54 -0.03 0.00	24.69 0.20 0.00	22.33 -0.20 0.00	20.56 -0.23 0.00	19.91 0.00 0.00	21.21 -0.04 0.00	25.18 0.59 0.00	25.18 -0.10 0.00	29.61 0.41 0.00	29.36 -0.27 0.00	31.42 0.00 0.00	32.70 -0.10 0.00	33.79 0.30 0.00	35.60 0.35 0.00	40.36 -0.24 0.00	45.23 -0.55 0.00	54.16 -1.56 0.00	60.52 -1.30 0.00	56.23 -1.56 0.00	50.36 -0.51 0.00	40.33 0.28 0.00	35.39 0.42 0.00	34.73 1.21 0.00	30.53 0.77 0.00
OAK ORCHARD____HYD 24046	26.67 0.11 0.00	24.71 0.22 0.00	22.47 -0.07 0.00	20.69 -0.10 0.00	19.91 0.00 0.00	21.25 0.00 0.00	25.08 0.49 0.00	25.46 0.18 0.00	29.79 0.58 0.00	29.81 0.18 0.00	31.83 0.41 0.00	33.26 0.46 0.00	34.26 0.77 0.00	36.16 0.91 0.00	41.29 0.69 0.00	46.37 0.59 0.00	55.95 0.22 0.00	62.57 0.74 0.00	58.13 0.35 0.00	51.68 0.81 0.00	41.05 1.00 0.00	35.95 0.98 0.00	34.90 1.37 0.00	30.68 0.92 0.00
OAKDALE__35_KV_LOAD 356122	26.86 0.29 0.00	24.79 0.29 0.00	22.74 0.20 0.00	21.00 0.21 0.00	20.14 0.24 0.00	21.50 0.25 0.00	24.96 0.37 0.00	25.71 0.43 0.00	29.85 0.64 0.00	30.07 0.44 0.00	32.08 0.66 0.00	33.56 0.75 0.00	34.36 0.87 0.00	36.27 1.02 0.00	41.58 0.97 0.00	46.88 1.10 0.00	56.89 1.17 0.00	63.18 1.36 0.00	59.00 1.21 0.00	52.04 1.17 0.00	41.05 1.00 0.00	36.02 1.05 0.00	34.53 1.01 0.00	30.56 0.80 0.00
OCC_CHEM____DRP 24175	25.74 -0.82 0.00	23.91 -0.59 0.00	21.81 -0.72 0.00	20.08 -0.71 0.00	19.41 -0.50 0.00	20.67 -0.57 0.00	24.24 -0.34 0.00	24.65 -0.63 0.00	29.06 -0.15 0.00	28.74 -0.89 0.00	30.45 -0.97 0.00	31.98 -0.82 0.00	32.99 -0.50 0.00	35.07 -0.18 0.00	39.42 -1.18 0.00	44.13 -1.65 0.00	52.83 -2.90 0.00	58.73 -3.09 0.00	55.07 -2.72 0.00	48.94 -1.93 0.00	38.93 -1.12 0.00	34.59 -0.38 0.00	33.92 0.40 0.00	29.76 0.00 0.00
OH_GEN_PROXY 24063	26.17 -0.40 0.00	24.30 -0.20 0.00	22.02 -0.52 0.00	20.31 -0.48 0.00	19.61 -0.30 0.00	20.93 -0.32 0.00	24.83 0.25 0.00	24.90 -0.38 0.00	29.32 0.12 0.00	29.04 -0.59 0.00	31.01 -0.41 0.00	32.34 -0.46 0.00	33.42 -0.07 0.00	35.18 -0.07 0.00	39.91 -0.69 0.00	44.77 -1.01 0.00	53.61 -2.12 0.00	59.84 -1.98 0.00	55.65 -2.14 0.00	49.80 -1.07 0.00	39.89 -0.16 0.00	34.97 0.00 0.00	34.33 0.80 0.00	30.21 0.45 0.00
OLIN_CORP_DRP 24177	26.01 -0.56 0.00	24.18 -0.32 0.00	22.06 -0.47 0.00	20.31 -0.48 0.00	19.67 -0.24 0.00	20.89 -0.36 0.00	24.49 -0.10 0.00	24.72 -0.56 0.00	29.15 -0.06 0.00	28.86 -0.77 0.00	30.57 -0.85 0.00	32.11 -0.69 0.00	33.09 -0.40 0.00	35.21 -0.04 0.00	39.59 -1.02 0.00	44.31 -1.46 0.00	53.05 -2.67 0.00	59.04 -2.78 0.00	55.36 -2.43 0.00	49.19 -1.68 0.00	39.09 -0.96 0.00	34.73 -0.24 0.00	34.03 0.50 0.00	29.97 0.21 0.00
OLIN_CORP_DSASP 323712	25.90 -0.66 0.00	24.08 -0.42 0.00	21.81 -0.72 0.00	20.08 -0.71 0.00	19.41 -0.50 0.00	20.72 -0.53 0.00	24.61 0.02 0.00	24.65 -0.63 0.00	29.06 -0.15 0.00	28.74 -0.89 0.00	30.70 -0.72 0.00	32.01 -0.79 0.00	33.09 -0.40 0.00	34.86 -0.39 0.00	39.46 -1.14 0.00	44.27 -1.51 0.00	52.88 -2.84 0.00	59.04 -2.78 0.00	54.90 -2.89 0.00	49.19 -1.68 0.00	39.45 -0.60 0.00	34.62 -0.35 0.00	34.06 0.53 0.00	30.12 0.36 0.00
ONEIDA_HERK_LFGE 323681	27.05 0.48 0.00	24.91 0.42 0.00	22.87 0.34 0.00	21.04 0.25 0.00	20.20 0.30 0.00	21.59 0.34 0.00	24.98 0.39 0.00	25.63 0.35 0.00	29.58 0.38 0.00	30.01 0.38 0.00	32.02 0.60 0.00	33.42 0.62 0.00	34.09 0.60 0.00	35.74 0.49 0.00	41.29 0.69 0.00	46.37 0.59 0.00	56.67 0.95 0.00	63.18 1.36 0.00	59.29 1.50 0.00	52.35 1.48 0.00	41.05 1.00 0.00	35.77 0.80 0.00	34.33 0.80 0.00	30.36 0.59 0.00
ONEIDA____115KV_TB4 55905	27.15 0.58 0.00	25.01 0.51 0.00	22.96 0.43 0.00	21.17 0.37 0.00	20.30 0.40 0.00	21.67 0.42 0.00	25.10 0.52 0.00	25.78 0.51 0.00	29.82 0.61 0.00	30.22 0.59 0.00	32.27 0.85 0.00	33.75 0.95 0.00	34.49 1.00 0.00	36.38 1.13 0.00	41.90 1.30 0.00	47.10 1.33 0.00	57.56 1.84 0.00	64.11 2.29 0.00	60.10 2.31 0.00	53.06 2.19 0.00	41.65 1.60 0.00	36.37 1.40 0.00	34.70 1.17 0.00	30.65 0.89 0.00

ONONDAGA_REF_OCCRA 23987	26.43 -0.13 0.00	24.37 -0.12 0.00	22.40 -0.14 0.00	20.65 -0.15 0.00	19.81 -0.10 0.00	21.14 -0.11 0.00	24.54 -0.05 0.00	25.28 0.00 0.00	29.32 0.12 0.00	29.60 -0.03 0.00	31.58 0.16 0.00	33.03 0.23 0.00	33.82 0.33 0.00	35.67 0.42 0.00	40.97 0.37 0.00	46.19 0.41 0.00	56.17 0.45 0.00	62.44 0.62 0.00	58.31 0.52 0.00	51.38 0.51 0.00	40.49 0.44 0.00	35.42 0.45 0.00	33.89 0.37 0.00	29.97 0.21 0.00
ONONDAGA___COGEN 23986	26.46 -0.11 0.00	24.42 -0.07 0.00	22.42 -0.11 0.00	20.69 -0.10 0.00	19.83 -0.08 0.00	21.16 -0.08 0.00	24.56 -0.02 0.00	25.33 0.05 0.00	29.41 0.20 0.00	29.69 0.06 0.00	31.70 0.28 0.00	33.13 0.33 0.00	33.92 0.44 0.00	35.78 0.53 0.00	41.17 0.57 0.00	46.37 0.60 0.00	56.39 0.67 0.00	62.69 0.87 0.00	58.54 0.75 0.00	51.53 0.66 0.00	40.65 0.60 0.00	35.56 0.59 0.00	34.03 0.50 0.00	30.09 0.33 0.00
ONTARIO___LFGE 23819	26.97 0.40 0.00	24.88 0.39 0.00	22.69 0.16 0.00	20.94 0.15 0.00	20.10 0.20 0.00	21.52 0.28 0.00	25.22 0.64 0.00	25.88 0.61 0.00	30.14 0.93 0.00	30.25 0.62 0.00	32.52 1.10 0.00	33.79 0.98 0.00	34.63 1.14 0.00	36.38 1.13 0.00	41.65 1.05 0.00	46.96 1.19 0.00	56.95 1.22 0.00	63.74 1.92 0.00	59.23 1.45 0.00	52.45 1.58 0.00	41.53 1.48 0.00	36.33 1.36 0.00	34.90 1.37 0.00	30.92 1.16 0.00
ORANGEVILLE_WT_PWR 323706	26.78 0.21 0.00	24.81 0.32 0.00	22.51 -0.02 0.00	20.75 -0.04 0.00	20.03 0.12 0.00	21.40 0.15 0.00	25.25 0.66 0.00	25.56 0.28 0.00	29.96 0.76 0.00	29.84 0.21 0.00	31.99 0.57 0.00	33.26 0.46 0.00	34.33 0.84 0.00	36.13 0.88 0.00	40.92 0.32 0.00	45.96 0.18 0.00	55.17 -0.56 0.00	61.76 -0.06 0.00	57.32 -0.46 0.00	51.28 0.41 0.00	40.93 0.88 0.00	35.95 0.98 0.00	35.00 1.47 0.00	30.86 1.10 0.00
ORANGEVILLE___ESR 323794	26.78 0.21 0.00	24.81 0.32 0.00	22.51 -0.02 0.00	20.75 -0.04 0.00	20.03 0.12 0.00	21.40 0.15 0.00	25.25 0.66 0.00	25.56 0.28 0.00	29.96 0.76 0.00	29.84 0.21 0.00	31.99 0.57 0.00	33.26 0.46 0.00	34.33 0.84 0.00	36.13 0.88 0.00	40.92 0.32 0.00	45.96 0.18 0.00	55.17 -0.56 0.00	61.76 -0.06 0.00	57.32 -0.46 0.00	51.28 0.41 0.00	40.93 0.88 0.00	35.95 0.98 0.00	35.00 1.47 0.00	30.86 1.10 0.00
OSWEGATCHIE___HYD 24044	26.75 0.19 0.00	24.64 0.15 0.00	22.60 0.07 0.00	20.75 -0.04 0.00	19.99 0.08 0.00	21.31 0.06 0.00	24.71 0.12 0.00	25.30 0.03 0.00	28.86 -0.35 0.00	29.12 -0.50 0.00	30.70 -0.72 0.00	32.11 -0.69 0.00	32.68 -0.80 0.00	34.44 -0.81 0.00	39.67 -0.93 0.00	44.22 -1.56 0.00	54.33 -1.39 0.00	60.09 -1.73 0.00	57.15 -0.63 0.00	50.36 -0.51 0.00	39.45 -0.60 0.00	34.38 -0.59 0.00	33.42 -0.10 0.00	29.64 -0.12 0.00
OSWEGO___5 23606	26.01 -0.56 0.00	24.00 -0.49 0.00	22.04 -0.50 0.00	20.33 -0.46 0.00	19.49 -0.42 0.00	20.80 -0.45 0.00	24.14 -0.44 0.00	24.82 -0.45 0.00	28.83 -0.38 0.00	29.12 -0.50 0.00	31.04 -0.38 0.00	32.37 -0.43 0.00	33.12 -0.37 0.00	34.86 -0.39 0.00	40.12 -0.49 0.00	45.23 -0.55 0.00	54.94 -0.78 0.00	61.21 -0.62 0.00	57.03 -0.75 0.00	50.31 -0.56 0.00	39.69 -0.36 0.00	34.65 -0.32 0.00	33.25 -0.27 0.00	29.46 -0.30 0.00
OSWEGO___6 23613	26.01 -0.56 0.00	24.00 -0.49 0.00	22.04 -0.50 0.00	20.33 -0.46 0.00	19.49 -0.42 0.00	20.80 -0.45 0.00	24.14 -0.44 0.00	24.82 -0.45 0.00	28.83 -0.38 0.00	29.12 -0.50 0.00	31.04 -0.38 0.00	32.37 -0.43 0.00	33.12 -0.37 0.00	34.86 -0.39 0.00	40.12 -0.49 0.00	45.23 -0.55 0.00	54.94 -0.78 0.00	61.21 -0.62 0.00	57.03 -0.75 0.00	50.31 -0.56 0.00	39.69 -0.36 0.00	34.65 -0.32 0.00	33.25 -0.27 0.00	29.46 -0.30 0.00
OUTOKUMPU-AB___DRP 24206	26.51 -0.05 0.00	24.59 0.10 0.00	22.42 -0.11 0.00	20.65 -0.15 0.00	19.95 0.04 0.00	21.25 0.00 0.00	24.91 0.32 0.00	25.38 0.10 0.00	29.88 0.67 0.00	29.66 0.03 0.00	31.45 0.03 0.00	33.06 0.26 0.00	34.09 0.60 0.00	36.31 1.06 0.00	40.68 0.08 0.00	45.59 -0.18 0.00	54.55 -1.17 0.00	60.65 -1.17 0.00	56.80 -0.98 0.00	50.46 -0.41 0.00	40.25 0.20 0.00	35.70 0.73 0.00	34.93 1.41 0.00	30.65 0.89 0.00
OXBOW____ 24026	26.35 -0.21 0.00	24.49 0.00 0.00	22.17 -0.36 0.00	20.42 -0.37 0.00	19.73 -0.18 0.00	21.06 -0.19 0.00	24.98 0.39 0.00	25.08 -0.20 0.00	29.56 0.35 0.00	29.27 -0.35 0.00	31.33 -0.09 0.00	32.67 -0.13 0.00	33.76 0.27 0.00	35.56 0.32 0.00	40.32 -0.28 0.00	45.14 -0.64 0.00	53.94 -1.79 0.00	60.28 -1.54 0.00	55.99 -1.79 0.00	50.11 -0.76 0.00	40.17 0.12 0.00	35.32 0.35 0.00	34.66 1.14 0.00	30.59 0.83 0.00
OXY_CHEM_DSASP 323612	25.74 -0.82 0.00	23.91 -0.59 0.00	21.81 -0.72 0.00	20.08 -0.71 0.00	19.41 -0.50 0.00	20.67 -0.57 0.00	24.24 -0.34 0.00	24.65 -0.63 0.00	29.06 -0.15 0.00	28.74 -0.89 0.00	30.45 -0.97 0.00	31.98 -0.82 0.00	32.99 -0.50 0.00	35.07 -0.18 0.00	39.42 -1.18 0.00	44.13 -1.65 0.00	52.83 -2.90 0.00	58.73 -3.09 0.00	55.07 -2.72 0.00	48.94 -1.93 0.00	38.93 -1.12 0.00	34.59 -0.38 0.00	33.92 0.40 0.00	29.76 0.00 0.00
OZONE_PARK_ESR 323760	28.80 2.23 0.00	26.40 1.91 0.00	24.34 1.80 0.00	22.46 1.66 0.00	21.36 1.45 0.00	22.84 1.59 0.00	26.28 1.70 0.00	27.28 2.00 0.00	31.63 2.42 0.00	32.35 2.73 0.00	34.44 3.02 0.00	35.92 3.12 0.00	36.50 3.01 0.00	38.28 3.03 0.00	44.13 3.53 0.00	50.03 4.26 0.00	61.13 5.41 0.00	68.01 6.18 0.00	62.93 5.14 0.00	55.04 4.17 0.00	43.13 3.08 0.00	37.70 2.73 0.00	36.20 2.68 0.00	32.08 2.32 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	25.74 -0.82 0.00	23.91 -0.59 0.00	21.81 -0.72 0.00	20.08 -0.71 0.00	19.41 -0.50 0.00	20.67 -0.57 0.00	24.24 -0.34 0.00	24.65 -0.63 0.00	29.06 -0.15 0.00	28.74 -0.89 0.00	30.45 -0.97 0.00	31.98 -0.82 0.00	32.99 -0.50 0.00	35.07 -0.18 0.00	39.42 -1.18 0.00	44.13 -1.65 0.00	52.83 -2.90 0.00	58.73 -3.09 0.00	55.07 -2.72 0.00	48.94 -1.93 0.00	38.93 -1.12 0.00	34.59 -0.38 0.00	33.92 0.40 0.00	29.76 0.00 0.00
PACKARD__115KV_DUPONT_184 80571	25.74 -0.82 0.00	23.91 -0.59 0.00	21.81 -0.72 0.00	20.08 -0.71 0.00	19.41 -0.50 0.00	20.67 -0.57 0.00	24.24 -0.34 0.00	24.65 -0.63 0.00	29.06 -0.15 0.00	28.74 -0.89 0.00	30.45 -0.97 0.00	31.98 -0.82 0.00	32.99 -0.50 0.00	35.07 -0.18 0.00	39.42 -1.18 0.00	44.13 -1.65 0.00	52.83 -2.90 0.00	58.73 -3.09 0.00	55.07 -2.72 0.00	48.94 -1.93 0.00	38.93 -1.12 0.00	34.59 -0.38 0.00	33.92 0.40 0.00	29.76 0.00 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	28.70 2.13 -0.01	26.31 1.81 -0.01	24.25 1.71 -0.01	22.38 1.58 -0.01	21.29 1.37 -0.01	22.76 1.51 0.00	26.01 1.43 0.00	26.90 1.62 0.00	31.31 2.10 0.00	32.06 2.43 0.00	34.22 2.80 -0.01	35.73 2.92 -0.01	36.23 2.75 0.00	37.89 2.64 0.00	43.56 2.96 0.00	49.48 3.71 0.00	60.41 4.68 -0.01	67.03 5.19 -0.01	62.19 4.39 -0.01	54.32 3.46 0.01	42.53 2.48 0.00	37.35 2.38 0.00	36.04 2.51 -0.01	31.94 2.17 -0.01

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	28.94 2.36 -0.01	26.53 2.03 -0.01	24.46 1.92 -0.01	22.57 1.77 -0.01	21.47 1.55 -0.01	22.93 1.68 0.00	26.21 1.62 0.00	27.10 1.82 0.00	31.54 2.34 0.00	32.27 2.64 0.00	34.63 3.20 -0.01	36.19 3.38 -0.01	36.67 3.18 0.00	38.38 3.14 0.00	44.05 3.45 0.00	50.03 4.26 0.00	61.03 5.29 -0.01	67.71 5.87 -0.01	62.82 5.03 -0.01	54.83 3.97 0.01	42.93 2.88 0.00	37.77 2.80 0.00	36.45 2.92 -0.01	32.30 2.53 -0.01
PATROON__115KV_TB1 80586	26.09 0.80 1.28	25.23 0.73 0.00	23.30 0.77 0.00	21.50 0.71 0.00	20.60 0.70 0.00	21.97 0.72 0.00	24.23 0.74 1.10	25.94 0.66 0.00	30.02 0.82 0.00	30.58 0.95 0.00	32.52 1.13 0.03	33.95 1.15 0.00	31.79 1.00 2.71	34.42 1.06 1.89	36.59 1.34 5.35	38.82 1.65 8.61	57.59 1.89 0.03	64.24 2.41 0.00	59.75 1.96 0.00	52.60 1.73 0.00	41.53 1.48 0.00	36.19 1.22 0.00	34.66 1.14 0.00	30.65 0.89 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	26.70 0.13 0.00	24.74 0.24 0.00	22.56 0.02 0.00	20.79 0.00 0.00	20.08 0.18 0.00	21.42 0.17 0.00	25.05 0.47 0.00	25.68 0.40 0.00	30.14 0.93 0.00	29.98 0.36 0.00	31.95 0.53 0.00	33.56 0.75 0.00	34.59 1.11 0.00	36.76 1.52 0.00	41.41 0.81 0.00	46.51 0.73 0.00	55.78 0.06 0.00	61.95 0.12 0.00	57.96 0.17 0.00	51.38 0.51 0.00	40.77 0.72 0.00	36.16 1.19 0.00	35.13 1.61 0.00	30.95 1.19 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	28.32 1.75 0.00	26.06 1.57 0.00	24.07 1.53 0.00	22.23 1.43 0.00	21.10 1.19 0.00	22.54 1.30 0.00	25.96 1.38 0.00	26.87 1.59 0.00	31.08 1.87 0.00	31.73 2.10 0.00	33.87 2.45 0.00	35.33 2.53 0.00	36.17 2.68 0.00	38.07 2.82 0.00	44.01 3.41 0.00	49.90 4.12 0.00	61.02 5.29 0.00	68.07 6.24 0.00	63.04 5.26 0.00	55.14 4.27 0.00	43.17 3.12 0.00	37.56 2.59 0.00	35.87 2.35 0.00	31.72 1.96 0.00
PEEKSKILL____ 23653	28.19 1.62 0.00	25.89 1.40 0.00	23.91 1.37 0.00	22.10 1.31 0.00	21.04 1.13 0.00	22.48 1.23 0.00	25.82 1.23 0.00	26.80 1.52 0.00	30.99 1.78 0.00	31.64 2.02 0.00	33.71 2.29 0.00	35.17 2.36 0.00	35.80 2.31 0.00	37.57 2.33 0.00	43.32 2.72 0.00	49.12 3.34 0.00	59.91 4.18 0.00	67.20 5.38 0.00	61.83 4.04 0.00	54.18 3.30 0.00	42.29 2.24 0.00	37.07 2.10 0.00	35.50 1.98 0.00	31.46 1.70 0.00
PGE MADISON__WINDPWR 24146	28.64 2.07 0.00	26.41 1.91 0.00	24.09 1.55 0.00	22.25 1.45 0.00	21.32 1.41 0.00	22.80 1.55 0.00	26.48 1.89 0.00	27.10 1.82 0.00	31.37 2.16 0.00	31.50 1.87 0.00	33.90 2.48 0.00	35.26 2.46 0.00	36.17 2.68 0.00	38.03 2.78 0.00	43.97 3.37 0.00	49.48 3.71 0.00	60.74 5.02 0.00	68.13 6.31 0.00	63.91 6.12 0.00	56.82 5.95 0.00	44.77 4.72 0.00	38.99 4.02 0.00	37.01 3.49 0.00	32.53 2.77 0.00
PIERCEFIELD__HYD 23852	26.67 0.11 0.00	24.57 0.07 0.00	22.53 0.00 0.00	20.75 -0.04 0.00	19.93 0.02 0.00	21.25 0.00 0.00	24.64 0.05 0.00	25.25 -0.03 0.00	28.56 -0.64 0.00	28.80 -0.83 0.00	30.29 -1.13 0.00	31.65 -1.15 0.00	32.38 -1.11 0.00	34.12 -1.13 0.00	39.30 -1.30 0.00	43.85 -1.92 0.00	53.72 -2.01 0.00	59.48 -2.35 0.00	56.05 -1.73 0.00	49.29 -1.58 0.00	38.69 -1.36 0.00	33.71 -1.26 0.00	32.89 -0.64 0.00	29.25 -0.51 0.00
PINELAWN_CC_1 323563	34.59 2.74 -5.28	30.30 2.43 -3.38	26.21 2.34 -1.33	23.51 2.16 -0.55	22.45 1.99 -0.55	25.01 2.12 -1.64	30.64 2.34 -3.71	27.98 2.55 -0.15	32.80 3.01 -0.59	36.01 3.26 -3.12	39.09 3.39 -4.27	43.54 3.15 -7.59	43.07 3.05 -6.53	46.72 3.03 -8.44	58.15 3.21 -14.34	69.15 4.07 -19.30	78.24 5.07 -17.45	88.95 6.43 -20.70	85.47 5.09 -22.60	67.57 4.22 -12.48	51.80 3.16 -8.59	42.83 2.97 -4.89	43.62 3.29 -6.81	39.39 2.89 -6.74
PJM_GEN_HTP_PROXY 323702	28.43 1.86 0.00	26.04 1.54 0.00	24.07 1.53 0.00	22.23 1.43 0.00	21.16 1.25 0.00	22.59 1.34 0.00	25.96 1.38 0.00	27.00 1.72 0.00	31.28 2.07 0.00	32.00 2.37 0.00	34.03 2.61 0.00	35.49 2.69 0.00	36.07 2.58 0.00	37.82 2.57 0.00	43.61 3.00 0.00	49.44 3.66 0.00	60.29 4.57 0.00	67.63 5.81 0.00	62.12 4.34 0.00	54.38 3.51 0.00	42.45 2.40 0.00	37.24 2.27 0.00	35.70 2.18 0.00	31.67 1.91 0.00
PJM_GEN_KEystone 24065	27.26 0.69 0.00	25.13 0.64 0.00	23.05 0.52 0.00	21.29 0.50 0.00	20.40 0.50 0.00	21.80 0.55 0.00	25.30 0.71 0.00	25.99 0.71 0.00	30.17 0.96 0.00	30.49 0.86 0.00	32.55 1.13 0.00	33.95 1.15 0.00	34.73 1.27 0.03	36.37 1.30 0.18	41.54 1.22 0.28	47.01 1.51 0.27	56.92 1.51 0.31	63.41 2.29 0.71	58.28 1.33 0.84	51.40 1.32 0.79	40.80 1.12 0.37	35.97 1.19 0.19	34.72 1.27 0.08	30.83 1.07 0.00
PJM_GEN_NEPTUNE_PROXY 323594	34.03 2.18 -5.28	29.76 1.89 -3.38	25.71 1.85 -1.33	23.07 1.72 -0.55	22.01 1.55 -0.55	24.54 1.66 -1.64	30.09 1.79 -3.71	27.45 2.02 -0.15	32.07 2.40 -0.47	35.25 2.64 -2.98	38.34 2.77 -4.16	40.27 2.79 -4.69	40.33 2.68 -4.16	45.05 2.68 -7.12	54.55 3.00 -10.94	56.37 3.75 -6.84	65.62 4.62 -5.28	75.93 5.94 -8.17	73.56 4.56 -11.21	55.19 3.82 -0.50	46.22 2.68 -3.49	41.68 2.48 -4.23	40.09 2.55 -4.03	38.27 2.26 -6.25
PJM_GEN_VFT_PROXY 323633	28.32 1.75 0.00	25.94 1.44 0.00	23.98 1.44 0.00	22.12 1.33 0.00	21.06 1.15 0.00	22.50 1.25 0.00	25.86 1.28 0.00	26.90 1.62 0.00	31.16 1.96 0.00	31.88 2.25 0.00	33.90 2.48 0.00	35.33 2.53 0.00	35.49 2.38 0.38	34.99 2.36 2.62	39.39 2.72 3.94	45.25 3.39 3.91	55.46 4.23 4.49	57.17 5.44 10.10	49.83 3.98 11.94	42.73 3.16 11.30	36.85 2.12 5.32	34.27 2.06 2.76	34.41 1.98 1.09	31.52 1.76 0.00
PLATSBRG_115KV_PMLD1 355749	27.42 0.85 0.00	25.23 0.73 0.00	23.14 0.61 0.00	21.29 0.50 0.00	20.42 0.52 0.00	21.76 0.51 0.00	25.27 0.69 0.00	25.81 0.53 0.00	29.41 0.20 0.00	29.81 0.18 0.00	31.39 -0.03 0.00	32.93 0.13 0.00	33.82 0.33 0.00	35.64 0.39 0.00	41.05 0.45 0.00	45.96 0.18 0.00	56.28 0.56 0.00	62.26 0.43 0.00	58.36 0.58 0.00	50.87 0.00 0.00	39.85 -0.20 0.00	34.31 -0.66 0.00	32.82 -0.70 0.00	29.19 -0.57 0.00
PLEASANTVLY__LBMP 24000	28.00 1.43 0.00	25.79 1.30 0.00	23.80 1.26 0.00	21.98 1.19 0.00	20.94 1.04 0.00	22.40 1.15 0.00	25.79 1.20 0.00	26.57 1.29 0.00	30.72 1.52 0.00	31.38 1.75 0.00	33.37 1.95 0.00	34.84 2.03 0.00	35.43 1.94 0.00	37.15 1.90 0.00	42.87 2.27 0.00	48.52 2.75 0.00	59.12 3.40 0.00	65.84 4.02 0.00	61.08 3.29 0.00	53.52 2.65 0.00	42.05 2.00 0.00	36.75 1.78 0.00	35.20 1.68 0.00	31.22 1.46 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	28.29 1.73 0.00	26.04 1.54 0.00	24.00 1.46 0.00	22.14 1.35 0.00	21.10 1.19 0.00	22.57 1.32 0.00	25.99 1.40 0.00	26.87 1.59 0.00	31.10 1.90 0.00	31.79 2.16 0.00	33.84 2.42 0.00	35.29 2.49 0.00	35.97 2.48 0.00	37.72 2.47 0.00	43.52 2.92 0.00	49.30 3.52 0.00	60.18 4.46 0.00	66.96 5.13 0.00	62.00 4.22 0.00	54.28 3.41 0.00	42.61 2.56 0.00	37.21 2.24 0.00	35.67 2.15 0.00	31.61 1.85 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	28.29 1.73 0.00	26.04 1.54 0.00	24.00 1.46 0.00	22.14 1.35 0.00	21.10 1.19 0.00	22.57 1.32 0.00	25.99 1.40 0.00	26.87 1.59 0.00	31.10 1.90 0.00	31.79 2.16 0.00	33.84 2.42 0.00	35.29 2.49 0.00	35.97 2.48 0.00	37.72 2.47 0.00	43.52 2.92 0.00	49.30 3.52 0.00	60.18 4.46 0.00	66.96 5.13 0.00	62.00 4.22 0.00	54.28 3.41 0.00	42.61 2.56 0.00	37.21 2.24 0.00	35.67 2.15 0.00	31.61 1.85 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	28.19 1.62 0.00	25.94 1.45 0.00	23.93 1.40 0.00	22.08 1.29 0.00	21.02 1.11 0.00	22.46 1.21 0.00	25.89 1.30 0.00	26.64 1.37 0.00	30.78 1.58 0.00	31.44 1.81 0.00	33.46 2.04 0.00	34.97 2.16 0.00	35.67 2.18 0.00	37.40 2.15 0.00	43.24 2.64 0.00	48.94 3.16 0.00	59.68 3.96 0.00	66.52 4.70 0.00	61.72 3.93 0.00	54.13 3.26 0.00	42.53 2.48 0.00	37.10 2.13 0.00	35.50 1.98 0.00	31.43 1.67 0.00
POLETTI____ 23519	28.48 1.91 0.00	26.13 1.64 0.00	24.09 1.55 0.00	22.25 1.46 0.00	21.18 1.27 0.00	22.63 1.38 0.00	26.04 1.45 0.00	27.00 1.72 0.00	31.28 2.07 0.00	32.00 2.37 0.00	34.03 2.61 0.00	35.49 2.69 0.00	36.10 2.61 0.00	37.82 2.57 0.00	43.61 3.00 0.00	49.39 3.62 0.00	60.29 4.57 0.00	67.02 5.19 0.00	62.06 4.28 0.00	54.23 3.36 0.00	42.57 2.52 0.00	37.21 2.24 0.00	35.73 2.21 0.00	31.69 1.93 0.00
POMONA____ESR 323819	28.16 1.59 0.00	25.86 1.37 0.00	23.89 1.35 0.00	22.06 1.27 0.00	21.02 1.11 0.00	22.46 1.21 0.00	25.79 1.20 0.00	26.74 1.47 0.00	30.93 1.72 0.00	31.58 1.96 0.00	33.65 2.23 0.00	35.13 2.33 0.00	35.77 2.28 0.00	37.47 2.22 0.00	43.16 2.56 0.00	48.93 3.16 0.00	59.68 3.96 0.00	66.95 5.13 0.00	61.54 3.75 0.00	53.97 3.10 0.00	42.17 2.12 0.00	37.00 2.03 0.00	35.43 1.91 0.00	31.43 1.67 0.00
PORT_JEFF_3 23555	34.80 2.95 -5.28	30.54 2.67 -3.38	26.44 2.57 -1.34	23.74 2.39 -0.56	22.72 2.21 -0.61	25.25 2.36 -1.65	30.99 2.63 -3.77	28.29 2.81 -0.21	34.86 3.27 -2.39	38.34 3.49 -5.21	40.95 3.55 -5.98	46.82 3.41 -10.61	52.85 3.18 -16.18	66.26 3.10 -27.91	108.81 3.41 -64.79	254.19 4.26 -204.15	259.11 5.30 -198.09	275.13 6.62 -206.69	254.59 5.20 -191.61	245.49 4.42 -190.20	127.45 3.16 -84.23	52.61 2.90 -14.73	46.51 3.29 -9.70	41.47 2.95 -8.76
PORT_JEFF_4 23616	34.80 2.95 -5.28	30.54 2.67 -3.38	26.44 2.57 -1.34	23.74 2.39 -0.56	22.72 2.21 -0.61	25.25 2.36 -1.65	30.99 2.63 -3.77	28.29 2.81 -0.21	34.86 3.27 -2.39	38.34 3.49 -5.21	40.95 3.55 -5.98	46.82 3.41 -10.61	52.85 3.18 -16.18	66.26 3.10 -27.91	108.81 3.41 -64.79	254.19 4.26 -204.15	259.11 5.30 -198.09	275.13 6.62 -206.69	254.59 5.20 -191.61	245.49 4.42 -190.20	127.45 3.16 -84.23	52.61 2.90 -14.73	46.51 3.29 -9.70	41.47 2.95 -8.76
PORT_JEFF_IC 23713	34.85 3.00 -5.28	30.59 2.72 -3.38	26.49 2.61 -1.34	23.79 2.43 -0.57	22.77 2.25 -0.62	25.30 2.40 -1.65	31.05 2.68 -3.78	28.35 2.86 -0.22	35.24 3.36 -2.67	38.79 3.61 -5.54	41.31 3.64 -6.25	46.57 3.54 -10.22	53.81 3.18 -17.14	69.38 3.17 -30.96	116.78 3.49 -72.69	283.26 4.40 -233.09	287.55 5.46 -226.36	304.42 6.80 -235.80	281.28 5.43 -218.06	273.41 4.53 -218.01	139.37 3.24 -96.07	54.22 2.97 -16.28	46.31 3.45 -9.33	41.79 3.07 -8.97
PPL PILGRIM_ST_GT1 24216	34.91 3.05 -5.28	30.61 2.74 -3.38	26.50 2.64 -1.33	23.80 2.45 -0.55	22.72 2.25 -0.56	25.29 2.40 -1.64	30.94 2.63 -3.72	28.22 2.78 -0.16	33.31 3.24 -0.86	36.59 3.52 -3.44	39.65 3.71 -4.53	61.74 3.74 -25.20	55.97 3.52 -18.97	49.92 3.31 -11.35	66.03 3.53 -21.90	97.17 4.40 -47.00	105.70 5.46 -44.52	117.26 6.86 -48.57	111.20 5.49 -47.92	94.56 4.58 -39.11	63.37 3.40 -19.92	44.49 3.15 -6.37	60.56 3.35 -23.68	42.12 3.07 -9.30
PPL PILGRIM_ST_GT2 24217	34.91 3.05 -5.28	30.61 2.74 -3.38	26.50 2.64 -1.33	23.80 2.45 -0.55	22.72 2.25 -0.56	25.29 2.40 -1.64	30.94 2.63 -3.72	28.22 2.78 -0.16	33.31 3.24 -0.86	36.59 3.52 -3.44	39.65 3.71 -4.53	61.74 3.74 -25.20	55.97 3.52 -18.97	49.92 3.31 -11.35	66.03 3.53 -21.90	97.17 4.40 -47.00	105.70 5.46 -44.52	117.26 6.86 -48.57	111.20 5.49 -47.92	94.56 4.58 -39.11	63.37 3.40 -19.92	44.49 3.15 -6.37	60.56 3.35 -23.68	42.12 3.07 -9.30
PPL_SHRM_GT3 24213	34.83 2.97 -5.28	30.59 2.72 -3.38	26.55 2.68 -1.34	23.91 2.56 -0.56	22.88 2.37 -0.61	25.40 2.51 -1.65	31.28 2.92 -3.77	28.62 3.13 -0.21	35.19 3.56 -2.42	38.71 3.82 -5.26	41.26 3.83 -6.01	47.17 3.71 -10.66	53.47 3.62 -16.36	66.95 3.42 -28.29	110.11 3.73 -65.77	257.72 4.21 -207.74	262.05 4.73 -201.59	278.05 5.94 -210.29	257.29 4.62 -194.88	248.89 4.38 -193.64	129.28 3.53 -85.70	53.22 3.32 -14.93	46.72 3.45 -9.75	41.54 2.98 -8.80
PPL_SHRM_GT4 24214	34.83 2.97 -5.28	30.59 2.72 -3.38	26.55 2.68 -1.34	23.91 2.56 -0.56	22.88 2.37 -0.61	25.40 2.51 -1.65	31.28 2.92 -3.77	28.62 3.13 -0.21	35.19 3.56 -2.42	38.71 3.82 -5.26	41.26 3.83 -6.01	47.17 3.71 -10.66	53.47 3.62 -16.36	66.95 3.42 -28.29	110.11 3.73 -65.77	257.72 4.21 -207.74	262.05 4.73 -201.59	278.05 5.94 -210.29	257.29 4.62 -194.88	248.89 4.38 -193.64	129.28 3.53 -85.70	53.22 3.32 -14.93	46.72 3.45 -9.75	41.54 2.98 -8.80
PROJECT___ORANGE 1 24174	26.33 -0.24 0.00	24.30 -0.20 0.00	22.33 -0.20 0.00	20.58 -0.21 0.00	19.75 -0.16 0.00	21.08 -0.17 0.00	24.46 -0.12 0.00	25.20 -0.08 0.00	29.24 0.03 0.00	29.51 -0.12 0.00	31.48 0.06 0.00	32.93 0.13 0.00	33.72 0.23 0.00	35.57 0.32 0.00	40.80 0.20 0.00	46.01 0.23 0.00	55.95 0.22 0.00	62.13 0.31 0.00	58.02 0.23 0.00	51.07 0.20 0.00	40.29 0.24 0.00	35.25 0.28 0.00	33.76 0.23 0.00	29.85 0.09 0.00
PROJECT___ORANGE 2 24166	26.33 -0.24 0.00	24.30 -0.20 0.00	22.33 -0.20 0.00	20.58 -0.21 0.00	19.75 -0.16 0.00	21.08 -0.17 0.00	24.46 -0.12 0.00	25.20 -0.08 0.00	29.24 0.03 0.00	29.51 -0.12 0.00	31.48 0.06 0.00	32.93 0.13 0.00	33.72 0.23 0.00	35.57 0.32 0.00	40.80 0.20 0.00	46.01 0.23 0.00	55.95 0.22 0.00	62.13 0.31 0.00	58.02 0.23 0.00	51.07 0.20 0.00	40.29 0.24 0.00	35.25 0.28 0.00	33.76 0.23 0.00	29.85 0.09 0.00
PUCKETT___SOLAR 323809	27.34 0.77 0.00	25.23 0.73 0.00	23.07 0.54 0.00	21.31 0.52 0.00	20.44 0.54 0.00	21.87 0.62 0.00	25.42 0.84 0.00	26.09 0.81 0.00	30.26 1.05 0.00	30.49 0.86 0.00	32.64 1.22 0.00	34.05 1.25 0.00	34.89 1.41 0.00	36.73 1.48 0.00	42.23 1.63 0.00	47.61 1.83 0.00	57.90 2.17 0.00	64.73 2.91 0.00	60.16 2.37 0.00	53.21 2.34 0.00	42.01 1.96 0.00	36.75 1.78 0.00	35.13 1.61 0.00	31.07 1.31 0.00
PYRITES___HYD 24023	27.02 0.45 0.00	24.91 0.42 0.00	22.83 0.29 0.00	21.04 0.25 0.00	20.20 0.30 0.00	21.55 0.30 0.00	24.96 0.37 0.00	25.56 0.28 0.00	29.00 -0.20 0.00	29.27 -0.36 0.00	30.89 -0.53 0.00	32.28 -0.52 0.00	33.05 -0.44 0.00	34.90 -0.35 0.00	40.11 -0.49 0.00	44.72 -1.05 0.00	54.83 -0.89 0.00	60.71 -1.11 0.00	57.27 -0.52 0.00	50.41 -0.46 0.00	39.57 -0.48 0.00	34.45 -0.52 0.00	33.42 -0.10 0.00	29.70 -0.06 0.00

QUAKERRD_115KV_BK1 80622	25.82 -0.74 0.00	23.91 -0.59 0.00	21.86 -0.68 0.00	20.15 -0.64 0.00	19.35 -0.56 0.00	20.63 -0.62 0.00	24.12 -0.47 0.00	24.77 -0.51 0.00	28.88 -0.32 0.00	29.01 -0.62 0.00	30.89 -0.53 0.00	32.38 -0.43 0.00	33.25 -0.23 0.00	35.25 0.00 0.00	40.15 -0.45 0.00	45.14 -0.64 0.00	54.67 -1.06 0.00	60.84 -0.99 0.00	56.86 -0.92 0.00	50.21 -0.66 0.00	39.65 -0.40 0.00	34.87 -0.10 0.00	33.69 0.17 0.00	29.64 -0.12 0.00
QUENSBRY_115KV_TB8 356137	29.34 1.73 -1.04	26.09 1.59 0.00	24.04 1.51 0.00	22.12 1.33 0.00	21.20 1.29 0.00	22.67 1.42 0.00	27.15 1.67 -0.89	26.90 1.62 0.00	31.22 2.02 0.00	31.76 2.13 0.00	33.70 2.26 -0.02	35.16 2.36 0.00	37.77 2.08 -2.20	39.18 2.40 -1.54	47.88 2.92 -4.36	56.27 3.48 -7.01	59.93 4.18 -0.02	66.89 5.07 0.00	62.76 4.97 0.00	55.40 4.53 0.00	44.13 4.09 0.00	38.33 3.36 0.00	36.34 2.82 0.00	31.96 2.20 0.00
RAMAPO___LBMP 323565	28.08 1.51 0.00	25.82 1.32 0.00	23.80 1.26 0.00	22.00 1.21 0.00	20.96 1.05 0.00	22.42 1.17 0.00	25.79 1.20 0.00	26.67 1.39 0.00	30.81 1.61 0.00	31.50 1.87 0.00	33.52 2.11 0.00	35.00 2.20 0.00	35.67 2.18 0.00	37.33 2.08 0.00	43.04 2.44 0.00	48.75 2.98 0.00	59.46 3.73 0.00	66.15 4.33 0.00	61.25 3.47 0.00	53.67 2.80 0.00	42.13 2.08 0.00	36.86 1.89 0.00	35.33 1.81 0.00	31.37 1.61 0.00
RANKINE____ 23646	26.67 0.11 0.00	24.71 0.22 0.00	22.56 0.02 0.00	20.77 -0.02 0.00	20.06 0.16 0.00	21.40 0.15 0.00	25.05 0.47 0.00	25.58 0.30 0.00	30.08 0.88 0.00	29.90 0.27 0.00	31.80 0.38 0.00	33.39 0.59 0.00	34.43 0.94 0.00	36.62 1.37 0.00	41.21 0.61 0.00	46.23 0.46 0.00	55.39 -0.33 0.00	61.52 -0.31 0.00	57.67 -0.12 0.00	51.18 0.31 0.00	40.61 0.56 0.00	36.05 1.08 0.00	35.17 1.64 0.00	30.89 1.13 0.00
RAVENSWOOD_GT2_1 24244	28.48 1.91 0.00	26.08 1.59 0.00	24.11 1.58 0.00	22.27 1.48 0.00	21.20 1.29 0.00	22.63 1.38 0.00	26.01 1.43 0.00	27.02 1.74 0.00	31.34 2.13 0.00	32.03 2.40 0.00	34.09 2.67 0.00	35.56 2.76 0.00	36.10 2.61 0.00	37.86 2.61 0.00	43.61 3.00 0.00	49.48 3.71 0.00	60.35 4.62 0.00	67.63 5.81 0.00	62.18 4.39 0.00	54.43 3.56 0.00	42.45 2.40 0.00	37.28 2.31 0.00	35.77 2.25 0.00	31.72 1.96 0.00
RAVENSWOOD_GT2_2 24245	28.48 1.91 0.00	26.08 1.59 0.00	24.11 1.58 0.00	22.27 1.48 0.00	21.20 1.29 0.00	22.63 1.38 0.00	26.01 1.43 0.00	27.02 1.74 0.00	31.34 2.13 0.00	32.03 2.40 0.00	34.09 2.67 0.00	35.56 2.76 0.00	36.10 2.61 0.00	37.86 2.61 0.00	43.61 3.00 0.00	49.48 3.71 0.00	60.35 4.62 0.00	67.63 5.81 0.00	62.18 4.39 0.00	54.43 3.56 0.00	42.45 2.40 0.00	37.28 2.31 0.00	35.77 2.25 0.00	31.72 1.96 0.00
RAVENSWOOD_GT2_3 24246	28.51 1.94 0.00	26.11 1.62 0.00	24.13 1.60 0.00	22.27 1.48 0.00	21.20 1.29 0.00	22.63 1.38 0.00	26.01 1.43 0.00	27.05 1.77 0.00	31.34 2.13 0.00	32.06 2.43 0.00	34.12 2.70 0.00	35.56 2.76 0.00	36.13 2.64 0.00	37.89 2.64 0.00	43.65 3.05 0.00	49.53 3.75 0.00	60.35 4.62 0.00	67.70 5.88 0.00	62.24 4.45 0.00	54.48 3.61 0.00	42.49 2.44 0.00	37.31 2.34 0.00	35.80 2.28 0.00	31.75 1.99 0.00
RAVENSWOOD_GT2_4 24247	28.51 1.94 0.00	26.11 1.62 0.00	24.13 1.60 0.00	22.27 1.48 0.00	21.20 1.29 0.00	22.63 1.38 0.00	26.01 1.43 0.00	27.05 1.77 0.00	31.34 2.13 0.00	32.06 2.43 0.00	34.12 2.70 0.00	35.56 2.76 0.00	36.13 2.64 0.00	37.89 2.64 0.00	43.65 3.05 0.00	49.53 3.75 0.00	60.35 4.62 0.00	67.70 5.88 0.00	62.24 4.45 0.00	54.48 3.61 0.00	42.49 2.44 0.00	37.31 2.34 0.00	35.80 2.28 0.00	31.75 1.99 0.00
RAVENSWOOD_GT3_1 24248	28.48 1.91 0.00	26.08 1.59 0.00	24.11 1.58 0.00	22.27 1.48 0.00	21.20 1.29 0.00	22.63 1.38 0.00	26.01 1.43 0.00	27.02 1.74 0.00	31.34 2.13 0.00	32.03 2.40 0.00	34.09 2.67 0.00	35.56 2.76 0.00	36.10 2.61 0.00	37.89 2.64 0.00	43.61 3.00 0.00	49.48 3.71 0.00	60.35 4.62 0.00	67.63 5.81 0.00	62.24 4.45 0.00	54.43 3.56 0.00	42.49 2.44 0.00	37.31 2.34 0.00	35.80 2.28 0.00	31.72 1.96 0.00
RAVENSWOOD_GT3_2 24249	28.48 1.91 0.00	26.08 1.59 0.00	24.11 1.58 0.00	22.27 1.48 0.00	21.20 1.29 0.00	22.63 1.38 0.00	26.01 1.43 0.00	27.02 1.74 0.00	31.34 2.13 0.00	32.03 2.40 0.00	34.09 2.67 0.00	35.56 2.76 0.00	36.10 2.61 0.00	37.89 2.64 0.00	43.61 3.00 0.00	49.48 3.71 0.00	60.35 4.62 0.00	67.63 5.81 0.00	62.24 4.45 0.00	54.43 3.56 0.00	42.49 2.44 0.00	37.31 2.34 0.00	35.80 2.28 0.00	31.72 1.96 0.00
RAVENSWOOD_GT3_3 24250	28.56 1.99 0.00	26.21 1.71 0.00	24.16 1.62 0.00	22.29 1.50 0.00	21.22 1.31 0.00	22.69 1.44 0.00	26.11 1.52 0.00	27.07 1.79 0.00	31.40 2.19 0.00	32.09 2.46 0.00	34.15 2.73 0.00	35.62 2.82 0.00	36.23 2.75 0.00	37.96 2.71 0.00	43.77 3.17 0.00	49.58 3.80 0.00	60.52 4.79 0.00	67.26 5.44 0.00	62.29 4.51 0.00	54.48 3.61 0.00	42.73 2.68 0.00	37.38 2.41 0.00	35.90 2.38 0.00	31.81 2.05 0.00
RAVENSWOOD_GT3_4 24251	28.53 1.97 0.00	26.14 1.64 0.00	24.16 1.62 0.00	22.29 1.50 0.00	21.22 1.31 0.00	22.65 1.40 0.00	26.04 1.45 0.00	27.07 1.79 0.00	31.40 2.19 0.00	32.09 2.46 0.00	34.15 2.73 0.00	35.62 2.82 0.00	36.17 2.68 0.00	37.96 2.71 0.00	43.68 3.08 0.00	49.57 3.80 0.00	60.46 4.73 0.00	67.82 6.00 0.00	62.35 4.56 0.00	54.54 3.66 0.00	42.57 2.52 0.00	37.38 2.41 0.00	35.87 2.35 0.00	31.78 2.02 0.00
RAVENSWOOD_GT_1 23729	28.59 2.02 0.00	26.16 1.67 0.00	24.18 1.64 0.00	22.31 1.52 0.00	21.22 1.31 0.00	22.63 1.38 0.00	25.99 1.40 0.00	27.02 1.74 0.00	31.40 2.19 0.00	32.15 2.52 0.00	34.29 2.86 -0.01	35.73 2.92 -0.01	36.24 2.75 0.00	37.97 2.71 -0.01	43.56 2.96 0.00	49.45 3.66 -0.01	58.95 4.57 1.35	67.58 5.75 -0.01	58.91 4.34 3.21	52.87 3.51 1.51	42.37 2.32 0.00	37.36 2.38 -0.01	36.19 2.42 -0.25	31.85 2.08 0.00
RAVENSWOOD_GT_10 24258	28.51 1.94 0.00	26.16 1.67 0.00	24.11 1.58 0.00	22.27 1.48 0.00	21.20 1.29 0.00	22.65 1.40 0.00	26.09 1.50 0.00	27.02 1.74 0.00	31.34 2.13 0.00	32.03 2.40 0.00	34.09 2.67 0.00	35.56 2.76 0.00	36.17 2.68 0.00	37.89 2.64 0.00	43.69 3.09 0.00	49.48 3.71 0.00	60.41 4.68 0.00	67.14 5.32 0.00	62.18 4.39 0.00	54.38 3.51 0.00	42.65 2.60 0.00	37.31 2.34 0.00	35.84 2.31 0.00	31.75 1.99 0.00
RAVENSWOOD_GT_11 24259	28.48 1.91 0.00	26.08 1.59 0.00	24.11 1.58 0.00	22.27 1.48 0.00	21.20 1.29 0.00	22.63 1.38 0.00	26.01 1.43 0.00	27.02 1.74 0.00	31.34 2.13 0.00	32.03 2.40 0.00	34.09 2.67 0.00	35.56 2.76 0.00	36.10 2.61 0.00	37.89 2.64 0.00	43.61 3.00 0.00	49.48 3.71 0.00	60.35 4.62 0.00	67.70 5.88 0.00	62.24 4.45 0.00	54.43 3.56 0.00	42.49 2.44 0.00	37.31 2.34 0.00	35.77 2.25 0.00	31.72 1.96 0.00



RAVENSWOOD_GT_4 24252	28.51 1.94 0.00	26.16 1.67 0.00	24.11 1.58 0.00	22.27 1.48 0.00	21.20 1.29 0.00	22.67 1.42 0.00	26.09 1.50 0.00	27.05 1.77 0.00	31.34 2.13 0.00	32.03 2.40 0.00	34.05 2.64 0.01	35.52 2.72 0.01	36.13 2.65 0.00	37.90 2.64 -0.01	43.69 3.09 0.00	49.49 3.71 -0.01	59.44 4.74 1.03	67.21 5.38 -0.01	59.79 4.45 2.44	53.23 3.51 1.15	42.69 2.64 0.00	37.32 2.34 -0.01	35.99 2.28 -0.19	31.76 1.99 0.00
RAVENSWOOD_GT_5 24254	28.51 1.94 0.00	26.16 1.67 0.00	24.11 1.58 0.00	22.27 1.48 0.00	21.20 1.29 0.00	22.67 1.42 0.00	26.09 1.50 0.00	27.05 1.77 0.00	31.34 2.13 0.00	32.03 2.40 0.00	34.05 2.64 0.01	35.52 2.72 0.01	36.13 2.65 0.00	37.90 2.64 -0.01	43.69 3.09 0.00	49.49 3.71 -0.01	59.44 4.74 1.03	67.21 5.38 -0.01	59.79 4.45 2.44	53.23 3.51 1.15	42.69 2.64 0.00	37.32 2.34 -0.01	35.99 2.28 -0.19	31.76 1.99 0.00
RAVENSWOOD_GT_6 24253	28.51 1.94 0.00	26.16 1.67 0.00	24.11 1.58 0.00	22.27 1.48 0.00	21.20 1.29 0.00	22.67 1.42 0.00	26.09 1.50 0.00	27.05 1.77 0.00	31.34 2.13 0.00	32.03 2.40 0.00	34.05 2.64 0.01	35.52 2.72 0.01	36.13 2.65 0.00	37.90 2.64 -0.01	43.69 3.09 0.00	49.49 3.71 -0.01	59.44 4.74 1.03	67.21 5.38 -0.01	59.79 4.45 2.44	53.23 3.51 1.15	42.69 2.64 0.00	37.32 2.34 -0.01	35.99 2.28 -0.19	31.76 1.99 0.00
RAVENSWOOD_GT_7 24255	28.51 1.94 0.00	26.16 1.67 0.00	24.11 1.58 0.00	22.27 1.48 0.00	21.20 1.29 0.00	22.67 1.42 0.00	26.09 1.50 0.00	27.05 1.77 0.00	31.34 2.13 0.00	32.03 2.40 0.00	34.05 2.64 0.01	35.52 2.72 0.01	36.13 2.65 0.00	37.90 2.64 -0.01	43.69 3.09 0.00	49.49 3.71 -0.01	59.44 4.74 1.03	67.21 5.38 -0.01	59.79 4.45 2.44	53.23 3.51 1.15	42.69 2.64 0.00	37.32 2.34 -0.01	35.99 2.28 -0.19	31.76 1.99 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	28.51 1.94 0.00	26.16 1.67 0.00	24.11 1.58 0.00	22.27 1.48 0.00	21.20 1.29 0.00	22.65 1.40 0.00	26.09 1.50 0.00	27.02 1.74 0.00	31.34 2.13 0.00	32.03 2.40 0.00	34.09 2.67 0.00	35.56 2.76 0.00	36.17 2.68 0.00	37.89 2.64 0.00	43.69 3.09 0.00	49.48 3.71 0.00	60.41 4.68 0.00	67.14 5.32 0.00	62.18 4.39 0.00	54.38 3.51 0.00	42.65 2.60 0.00	37.31 2.34 0.00	35.84 2.31 0.00	31.75 1.99 0.00
RAVENSWOOD_GT_9 24257	28.48 1.91 0.00	26.08 1.59 0.00	24.11 1.58 0.00	22.27 1.48 0.00	21.20 1.29 0.00	22.63 1.38 0.00	26.01 1.43 0.00	27.02 1.74 0.00	31.34 2.13 0.00	32.03 2.40 0.00	34.09 2.67 0.00	35.56 2.76 0.00	36.10 2.61 0.00	37.89 2.64 0.00	43.61 3.00 0.00	49.48 3.71 0.00	60.35 4.62 0.00	67.70 5.88 0.00	62.24 4.45 0.00	54.43 3.56 0.00	42.49 2.44 0.00	37.31 2.34 0.00	35.77 2.25 0.00	31.72 1.96 0.00
RAVENSWOOD___1 23533	28.56 1.99 0.00	26.14 1.64 0.00	24.16 1.62 0.00	22.29 1.50 0.00	21.20 1.29 0.00	22.61 1.36 0.00	25.96 1.38 0.00	27.00 1.72 0.00	31.37 2.16 0.00	32.12 2.49 0.00	34.26 2.83 -0.01	35.70 2.89 -0.01	36.20 2.71 0.00	37.96 2.71 0.00	43.53 2.92 0.00	49.39 3.62 0.00	54.90 4.51 5.34	67.51 5.68 0.00	54.62 4.34 7.50	48.32 3.46 6.01	42.33 2.28 0.00	37.31 2.34 0.00	35.94 2.42 0.00	31.81 2.05 0.00
RAVENSWOOD___2 23534	28.51 1.94 0.00	26.06 1.57 0.00	24.11 1.58 0.00	22.25 1.45 0.00	21.16 1.25 0.00	22.57 1.32 0.00	25.89 1.30 0.00	26.95 1.67 0.00	31.31 2.10 0.00	32.03 2.40 0.00	34.16 2.73 -0.01	35.63 2.82 -0.01	36.10 2.61 0.00	37.89 2.64 0.00	43.24 2.64 0.00	49.03 3.25 0.00	54.32 4.01 5.42	66.95 5.13 0.00	53.98 3.81 7.62	47.77 3.00 6.10	42.05 2.00 0.00	37.24 2.27 0.00	35.83 2.31 0.00	31.72 1.96 0.00
RAVENSWOOD___3 23535	28.48 1.91 0.00	26.08 1.59 0.00	24.11 1.58 0.00	22.27 1.48 0.00	21.20 1.29 0.00	22.63 1.38 0.00	26.01 1.43 0.00	27.02 1.74 0.00	31.34 2.13 0.00	32.03 2.40 0.00	34.09 2.67 0.00	35.56 2.76 0.00	36.10 2.61 0.00	37.89 2.64 0.00	43.61 3.00 0.00	49.48 3.71 0.00	60.35 4.62 0.00	67.63 5.81 0.00	62.24 4.45 0.00	54.43 3.56 0.00	42.49 2.44 0.00	37.31 2.34 0.00	35.80 2.28 0.00	31.72 1.96 0.00
RAVENSWOOD___4 23820	28.53 1.97 0.00	26.11 1.62 0.00	24.13 1.60 0.00	22.27 1.48 0.00	21.18 1.28 0.00	22.61 1.36 0.00	25.94 1.35 0.00	26.97 1.69 0.00	31.34 2.13 0.00	32.09 2.46 0.00	34.22 2.80 -0.01	35.66 2.85 -0.01	36.17 2.68 0.00	37.92 2.68 0.01	43.48 2.88 0.00	49.38 3.62 0.01	50.83 4.46 9.35	67.44 5.63 0.01	50.21 4.28 11.85	43.74 3.41 10.54	42.29 2.24 0.00	37.31 2.34 0.01	35.65 2.38 0.25	31.78 2.02 0.00
RCPL_TRUST___DRP 24196	28.51 1.94 0.00	26.16 1.67 0.00	24.11 1.58 0.00	22.27 1.48 0.00	21.20 1.29 0.00	22.67 1.42 0.00	26.11 1.52 0.00	27.05 1.77 0.00	31.37 2.16 0.00	32.06 2.43 0.00	34.12 2.70 0.00	35.59 2.79 0.00	36.23 2.75 0.00	37.93 2.68 0.00	43.77 3.17 0.00	49.53 3.75 0.00	60.52 4.79 0.00	67.26 5.44 0.00	62.24 4.45 0.00	54.38 3.51 0.00	42.73 2.68 0.00	37.31 2.34 0.00	35.80 2.28 0.00	31.78 2.02 0.00
RED___ROCHESTER 323720	26.86 0.29 0.00	24.88 0.39 0.00	22.62 0.09 0.00	20.81 0.02 0.00	20.03 0.12 0.00	21.38 0.13 0.00	25.22 0.64 0.00	25.63 0.35 0.00	29.99 0.79 0.00	30.01 0.38 0.00	32.08 0.66 0.00	33.56 0.76 0.00	34.59 1.10 0.00	36.55 1.30 0.00	41.70 1.10 0.00	46.83 1.05 0.00	56.50 0.78 0.00	63.18 1.36 0.00	58.71 0.92 0.00	52.19 1.32 0.00	41.45 1.40 0.00	36.26 1.29 0.00	35.20 1.68 0.00	30.95 1.19 0.00
REGAN___SOLAR 323812	29.41 2.84 0.00	27.04 2.55 0.00	24.90 2.37 0.00	22.91 2.12 0.00	21.98 2.07 0.00	23.54 2.30 0.00	27.19 2.60 0.00	27.88 2.60 0.00	32.27 3.07 0.00	32.62 2.99 0.00	35.66 4.24 0.00	37.13 4.33 0.00	38.01 4.52 0.00	39.13 3.88 0.00	45.11 4.51 0.00	50.72 4.95 0.00	62.30 6.57 0.00	70.11 8.29 0.00	65.58 7.80 0.00	58.20 7.33 0.00	46.21 6.17 0.00	40.11 5.14 0.00	38.12 4.59 0.00	33.45 3.69 0.00
RENSSELAER___COGEN 23796	25.66 0.61 1.52	25.06 0.56 0.00	23.16 0.63 0.00	21.40 0.60 0.00	20.48 0.58 0.00	21.87 0.62 0.00	23.82 0.54 1.30	25.78 0.51 0.00	29.82 0.61 0.00	30.40 0.77 0.00	32.30 0.91 0.03	33.72 0.92 0.00	30.95 0.67 3.21	33.71 0.70 2.24	35.14 0.89 6.35	36.74 1.19 10.22	57.03 1.34 0.03	63.93 2.10 0.00	59.23 1.45 0.00	52.14 1.27 0.00	41.05 1.00 0.00	35.84 0.87 0.00	34.39 0.87 0.00	30.41 0.65 0.00
REPUBLIC_115KV_BARTNBRK 55605	30.99 3.32 -1.10	27.48 2.99 0.00	25.28 2.75 0.00	23.22 2.43 0.00	22.31 2.41 0.00	23.90 2.66 0.00	28.57 3.05 -0.94	28.31 3.03 0.00	33.00 3.80 0.00	33.54 3.91 0.00	35.84 4.40 -0.02	37.53 4.72 0.00	40.40 4.59 -2.32	42.09 5.22 -1.62	51.44 6.25 -4.59	60.35 7.19 -7.39	64.50 8.75 -0.02	72.21 10.39 0.00	67.72 9.94 0.00	59.98 9.11 0.00	47.94 7.89 0.00	41.47 6.50 0.00	39.05 5.53 0.00	34.11 4.34 0.00

REVERE_CPDR_DRP 24186	27.36 0.80 0.00	25.20 0.71 0.00	23.12 0.59 0.00	21.29 0.50 0.00	20.42 0.52 0.00	21.82 0.57 0.00	25.25 0.66 0.00	25.94 0.66 0.00	29.97 0.76 0.00	30.40 0.77 0.00	32.49 1.07 0.00	33.95 1.15 0.00	34.69 1.21 0.00	36.59 1.34 0.00	42.18 1.58 0.00	47.38 1.60 0.00	58.01 2.28 0.00	64.61 2.78 0.00	60.73 2.95 0.00	53.62 2.75 0.00	42.05 2.00 0.00	36.65 1.68 0.00	34.96 1.44 0.00	30.86 1.10 0.00
REYNOLDS_115KV_TB3 80639	25.42 0.82 1.97	25.28 0.78 0.00	23.34 0.81 0.00	21.56 0.77 0.00	20.62 0.72 0.00	22.01 0.76 0.00	23.71 0.81 1.69	25.96 0.68 0.00	30.02 0.82 0.00	30.61 0.98 0.00	32.51 1.13 0.04	33.92 1.12 0.00	30.29 0.97 4.17	33.29 0.95 2.91	33.66 1.30 8.24	34.08 1.56 13.26	57.47 1.78 0.04	64.17 2.35 0.00	59.69 1.91 0.00	52.55 1.68 0.00	41.45 1.40 0.00	36.16 1.19 0.00	34.63 1.11 0.00	30.65 0.89 0.00
RIVERBAY____ 323610	28.94 2.36 -0.01	26.53 2.03 -0.01	24.46 1.92 -0.01	22.57 1.77 -0.01	21.47 1.55 -0.01	22.93 1.68 0.00	26.21 1.62 0.00	27.10 1.82 0.00	31.54 2.34 0.00	32.27 2.64 0.00	34.63 3.20 -0.01	36.19 3.38 -0.01	36.67 3.18 0.00	38.38 3.14 0.00	44.05 3.45 0.00	50.03 4.26 0.00	61.03 5.29 -0.01	67.71 5.87 -0.01	62.82 5.03 -0.01	54.83 3.97 0.01	42.93 2.88 0.00	37.77 2.80 0.00	36.45 2.92 -0.01	32.30 2.53 -0.01
RIVERSDE_115KV_TB3 55908	25.70 0.77 1.64	25.23 0.73 0.00	23.28 0.74 0.00	21.50 0.71 0.00	20.58 0.68 0.00	21.97 0.72 0.00	23.92 0.74 1.41	25.91 0.63 0.00	29.97 0.76 0.00	30.55 0.92 0.00	32.45 1.07 0.03	33.88 1.08 0.00	30.95 0.94 3.47	33.77 0.95 2.43	35.00 1.26 6.86	36.24 1.51 11.04	57.47 1.78 0.04	64.11 2.29 0.00	59.63 1.85 0.00	52.50 1.63 0.00	41.41 1.36 0.00	36.12 1.15 0.00	34.60 1.07 0.00	30.59 0.83 0.00
ROARING__BROOK_WT_PWR 323790	25.90 -0.66 0.00	23.78 -0.71 0.00	21.83 -0.70 0.00	20.15 -0.64 0.00	19.33 -0.58 0.00	20.68 -0.57 0.00	23.95 -0.64 0.00	24.67 -0.61 0.00	28.59 -0.61 0.00	29.10 -0.53 0.00	30.92 -0.50 0.00	32.24 -0.56 0.00	32.85 -0.64 0.00	34.51 -0.74 0.00	39.63 -0.97 0.00	44.59 -1.19 0.00	54.16 -1.56 0.00	60.40 -1.42 0.00	56.46 -1.33 0.00	49.65 -1.22 0.00	38.89 -1.16 0.00	33.75 -1.22 0.00	32.21 -1.31 0.00	28.54 -1.22 0.00
ROCHESRG_115KV_T4 355643	26.41 -0.16 0.00	24.47 -0.02 0.00	22.35 -0.18 0.00	20.60 -0.19 0.00	19.81 -0.10 0.00	21.12 -0.13 0.00	24.71 0.12 0.00	25.33 0.05 0.00	29.61 0.41 0.00	29.63 0.00 0.00	31.48 0.06 0.00	33.06 0.26 0.00	33.99 0.50 0.00	36.06 0.81 0.00	40.97 0.37 0.00	46.01 0.23 0.00	55.56 -0.17 0.00	61.82 0.00 0.00	57.84 0.06 0.00	51.13 0.25 0.00	40.45 0.40 0.00	35.67 0.70 0.00	34.60 1.07 0.00	30.39 0.62 0.00
ROCHESTER_9_IC 23652	26.59 0.03 0.00	24.62 0.12 0.00	22.51 -0.02 0.00	20.71 -0.08 0.00	19.93 0.02 0.00	21.25 0.00 0.00	24.88 0.30 0.00	25.51 0.23 0.00	29.82 0.61 0.00	29.84 0.21 0.00	31.73 0.31 0.00	33.33 0.52 0.00	34.29 0.80 0.00	36.38 1.13 0.00	41.37 0.77 0.00	46.42 0.64 0.00	56.06 0.33 0.00	62.44 0.62 0.00	58.36 0.58 0.00	51.63 0.76 0.00	40.81 0.76 0.00	35.98 1.01 0.00	34.90 1.37 0.00	30.62 0.86 0.00
ROCKVIEW_13_KV_LD 356306	28.45 1.89 0.00	26.16 1.67 0.00	24.11 1.58 0.00	22.25 1.46 0.00	21.20 1.29 0.00	22.67 1.42 0.00	26.11 1.52 0.00	27.05 1.77 0.00	31.31 2.10 0.00	32.00 2.37 0.00	34.06 2.64 0.00	35.56 2.76 0.00	36.23 2.75 0.00	38.00 2.75 0.00	43.85 3.25 0.00	49.67 3.89 0.00	60.63 4.90 0.00	67.45 5.63 0.00	62.47 4.68 0.00	54.64 3.76 0.00	42.85 2.80 0.00	37.42 2.45 0.00	35.87 2.35 0.00	31.78 2.02 0.00
ROME____115KV_TB2 80656	27.36 0.80 0.00	25.20 0.71 0.00	23.12 0.59 0.00	21.29 0.50 0.00	20.42 0.52 0.00	21.82 0.57 0.00	25.25 0.66 0.00	25.94 0.66 0.00	29.97 0.76 0.00	30.40 0.77 0.00	32.49 1.07 0.00	33.95 1.15 0.00	34.69 1.21 0.00	36.59 1.34 0.00	42.18 1.58 0.00	47.38 1.60 0.00	58.01 2.28 0.00	64.61 2.78 0.00	60.73 2.95 0.00	53.62 2.75 0.00	42.05 2.00 0.00	36.65 1.68 0.00	34.96 1.44 0.00	30.86 1.10 0.00
ROSETON__1 23587	27.95 1.38 0.00	25.72 1.22 0.00	23.75 1.22 0.00	21.93 1.14 0.00	20.90 0.99 0.00	22.33 1.08 0.00	25.69 1.11 0.00	26.57 1.29 0.00	30.69 1.49 0.00	31.35 1.72 0.00	33.34 1.92 0.00	34.80 2.00 0.00	35.36 1.87 0.00	37.11 1.87 0.00	42.79 2.19 0.00	48.48 2.70 0.00	59.07 3.34 0.00	66.21 4.39 0.00	61.02 3.23 0.00	53.51 2.64 0.00	41.89 1.84 0.00	36.68 1.71 0.00	35.13 1.61 0.00	31.19 1.43 0.00
ROSETON__2 23588	27.95 1.38 0.00	25.72 1.22 0.00	23.75 1.22 0.00	21.93 1.14 0.00	20.90 0.99 0.00	22.33 1.08 0.00	25.69 1.11 0.00	26.57 1.29 0.00	30.69 1.49 0.00	31.35 1.72 0.00	33.34 1.92 0.00	34.80 2.00 0.00	35.36 1.87 0.00	37.11 1.87 0.00	42.79 2.19 0.00	48.48 2.70 0.00	59.07 3.34 0.00	66.21 4.39 0.00	61.02 3.23 0.00	53.51 2.64 0.00	41.89 1.84 0.00	36.68 1.71 0.00	35.13 1.61 0.00	31.19 1.43 0.00
ROTTTRDAM_115KV_TB3 80664	27.78 1.12 -0.10	25.52 1.03 0.00	23.52 0.99 0.00	21.71 0.91 0.00	20.74 0.84 0.00	22.18 0.93 0.00	25.70 1.03 -0.09	26.29 1.01 0.00	30.40 1.20 0.00	30.93 1.30 0.00	32.90 1.48 0.00	34.34 1.54 0.00	35.14 1.44 -0.21	36.91 1.52 -0.15	42.85 1.83 -0.42	48.65 2.20 -0.68	58.35 2.62 0.00	64.92 3.09 0.00	60.50 2.72 0.00	53.26 2.39 0.00	42.09 2.04 0.00	36.68 1.71 0.00	35.06 1.54 0.00	31.01 1.25 0.00
RUSSELL__1 23602	26.75 0.19 0.00	24.76 0.27 0.00	22.62 0.09 0.00	20.81 0.02 0.00	20.02 0.12 0.00	21.35 0.11 0.00	25.00 0.42 0.00	25.66 0.38 0.00	29.99 0.79 0.00	30.01 0.39 0.00	31.92 0.50 0.00	33.56 0.75 0.00	34.53 1.04 0.00	36.66 1.41 0.00	41.66 1.06 0.00	46.78 1.01 0.00	56.56 0.84 0.00	62.94 1.11 0.00	58.83 1.04 0.00	52.04 1.17 0.00	41.13 1.08 0.00	36.26 1.29 0.00	35.13 1.61 0.00	30.83 1.07 0.00
RUSSELL__2 23532	26.75 0.19 0.00	24.76 0.27 0.00	22.62 0.09 0.00	20.81 0.02 0.00	20.02 0.12 0.00	21.35 0.11 0.00	25.00 0.42 0.00	25.66 0.38 0.00	29.99 0.79 0.00	30.01 0.39 0.00	31.92 0.50 0.00	33.56 0.75 0.00	34.53 1.04 0.00	36.66 1.41 0.00	41.66 1.06 0.00	46.78 1.01 0.00	56.56 0.84 0.00	62.94 1.11 0.00	58.83 1.04 0.00	52.04 1.17 0.00	41.13 1.08 0.00	36.26 1.29 0.00	35.13 1.61 0.00	30.83 1.07 0.00
RUSSELL__3 23549	26.75 0.19 0.00	24.76 0.27 0.00	22.62 0.09 0.00	20.81 0.02 0.00	20.02 0.12 0.00	21.35 0.11 0.00	25.00 0.42 0.00	25.66 0.38 0.00	29.99 0.79 0.00	30.01 0.39 0.00	31.92 0.50 0.00	33.56 0.75 0.00	34.53 1.04 0.00	36.66 1.41 0.00	41.66 1.06 0.00	46.78 1.01 0.00	56.56 0.84 0.00	62.94 1.11 0.00	58.83 1.04 0.00	52.04 1.17 0.00	41.13 1.08 0.00	36.26 1.29 0.00	35.13 1.61 0.00	30.83 1.07 0.00

RUSSELL___4 23556	26.75 0.19 0.00	24.76 0.27 0.00	22.62 0.09 0.00	20.81 0.02 0.00	20.02 0.12 0.00	21.35 0.11 0.00	25.00 0.42 0.00	25.66 0.38 0.00	29.99 0.79 0.00	30.01 0.39 0.00	31.92 0.50 0.00	33.56 0.75 0.00	34.53 1.04 0.00	36.66 1.41 0.00	41.66 1.06 0.00	46.78 1.01 0.00	56.56 0.84 0.00	62.94 1.11 0.00	58.83 1.04 0.00	52.04 1.17 0.00	41.13 1.08 0.00	36.26 1.29 0.00	35.13 1.61 0.00	30.83 1.07 0.00
RUSSELL___STATION 23914	26.75 0.19 0.00	24.76 0.27 0.00	22.62 0.09 0.00	20.81 0.02 0.00	20.02 0.12 0.00	21.35 0.11 0.00	25.00 0.42 0.00	25.66 0.38 0.00	29.99 0.79 0.00	30.01 0.39 0.00	31.92 0.50 0.00	33.56 0.75 0.00	34.53 1.04 0.00	36.66 1.41 0.00	41.66 1.06 0.00	46.78 1.01 0.00	56.56 0.84 0.00	62.94 1.11 0.00	58.83 1.04 0.00	52.04 1.17 0.00	41.13 1.08 0.00	36.26 1.29 0.00	35.13 1.61 0.00	30.83 1.07 0.00
S SALMON___HYD 24043	26.41 -0.16 0.00	24.35 -0.15 0.00	22.33 -0.20 0.00	20.56 -0.23 0.00	19.75 -0.16 0.00	21.08 -0.17 0.00	24.46 -0.12 0.00	25.13 -0.15 0.00	29.09 -0.12 0.00	29.39 -0.24 0.00	31.29 -0.13 0.00	32.64 -0.16 0.00	33.32 -0.17 0.00	35.07 -0.18 0.00	40.32 -0.28 0.00	45.27 -0.50 0.00	55.22 -0.50 0.00	61.58 -0.25 0.00	57.67 -0.12 0.00	51.08 0.20 0.00	40.21 0.16 0.00	35.18 0.21 0.00	33.72 0.20 0.00	29.85 0.09 0.00
S.PERRY___115KV_TB1 80734	27.50 0.93 0.00	25.45 0.96 0.00	23.21 0.68 0.00	21.37 0.58 0.00	20.58 0.68 0.00	21.97 0.72 0.00	25.72 1.13 0.00	26.39 1.11 0.00	30.72 1.52 0.00	30.52 0.89 0.00	32.46 1.04 0.00	34.02 1.21 0.00	34.86 1.37 0.00	36.83 1.59 0.00	40.72 0.12 0.00	45.87 0.09 0.00	55.50 -0.22 0.00	62.01 0.19 0.00	58.59 0.81 0.00	52.50 1.63 0.00	41.73 1.68 0.00	37.73 2.76 0.00	36.44 2.92 0.00	31.99 2.23 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	26.38 -0.19 0.00	24.49 0.00 0.00	22.33 -0.20 0.00	20.58 -0.21 0.00	19.89 -0.02 0.00	21.18 -0.06 0.00	24.81 0.22 0.00	25.28 0.00 0.00	29.76 0.55 0.00	29.54 -0.09 0.00	31.36 -0.06 0.00	32.93 0.13 0.00	33.96 0.47 0.00	36.09 0.85 0.00	40.64 0.04 0.00	45.55 -0.23 0.00	54.55 -1.17 0.00	60.65 -1.17 0.00	56.86 -0.92 0.00	50.51 -0.36 0.00	40.09 0.04 0.00	35.60 0.63 0.00	34.80 1.27 0.00	30.56 0.80 0.00
SAWYER___23_KV_LOAD 55526	26.38 -0.19 0.00	24.49 0.00 0.00	22.33 -0.20 0.00	20.58 -0.21 0.00	19.89 -0.02 0.00	21.18 -0.06 0.00	24.81 0.22 0.00	25.28 0.00 0.00	29.76 0.55 0.00	29.54 -0.09 0.00	31.36 -0.06 0.00	32.93 0.13 0.00	33.96 0.47 0.00	36.09 0.85 0.00	40.64 0.04 0.00	45.55 -0.23 0.00	54.55 -1.17 0.00	60.65 -1.17 0.00	56.86 -0.92 0.00	50.51 -0.36 0.00	40.09 0.04 0.00	35.60 0.63 0.00	34.80 1.27 0.00	30.56 0.80 0.00
SELKIRK___I 23801	26.58 0.90 0.89	25.35 0.86 0.00	23.41 0.88 0.00	21.60 0.81 0.00	20.68 0.78 0.00	22.82 1.57 0.00	25.53 1.87 0.93	26.87 1.59 0.00	31.08 1.87 0.00	31.61 1.99 0.00	33.94 2.54 0.02	35.29 2.49 0.00	32.54 0.94 1.88	34.92 0.99 1.31	38.06 1.18 3.72	41.26 1.46 5.99	57.43 1.73 0.02	64.23 2.41 0.00	59.58 1.79 0.00	52.55 1.68 0.00	41.41 1.36 0.00	36.16 1.19 0.00	34.80 1.27 0.00	30.77 1.01 0.00
SELKIRK___II 23799	26.30 0.74 1.01	25.18 0.68 0.00	23.25 0.72 0.00	21.46 0.67 0.00	20.54 0.64 0.00	21.93 0.68 0.00	24.38 0.66 0.87	25.91 0.63 0.00	29.96 0.76 0.00	30.52 0.89 0.00	32.43 1.04 0.02	33.85 1.05 0.00	31.96 0.60 2.13	34.40 0.64 1.49	37.21 0.81 4.21	40.06 1.05 6.77	56.93 1.22 0.02	63.62 1.79 0.00	58.94 1.16 0.00	51.99 1.12 0.00	40.89 0.84 0.00	35.71 0.74 0.00	34.50 0.97 0.00	30.53 0.77 0.00
SENECA OSWGO___HYD 24041	26.12 -0.45 0.00	24.08 -0.42 0.00	22.10 -0.43 0.00	20.40 -0.40 0.00	19.57 -0.34 0.00	20.89 -0.36 0.00	24.24 -0.34 0.00	24.95 -0.33 0.00	28.97 -0.23 0.00	29.27 -0.35 0.00	31.23 -0.19 0.00	32.57 -0.23 0.00	33.36 -0.13 0.00	35.04 -0.21 0.00	40.36 -0.24 0.00	45.50 -0.27 0.00	55.34 -0.39 0.00	61.64 -0.18 0.00	57.44 -0.34 0.00	50.72 -0.15 0.00	40.01 -0.04 0.00	34.94 -0.03 0.00	33.46 -0.07 0.00	29.64 -0.12 0.00
SENECA___115KV_TB3 355854	26.73 0.16 0.00	24.76 0.27 0.00	22.58 0.05 0.00	20.81 0.02 0.00	20.08 0.18 0.00	21.42 0.17 0.00	25.08 0.49 0.00	25.63 0.35 0.00	30.14 0.93 0.00	29.95 0.33 0.00	31.86 0.44 0.00	33.46 0.66 0.00	34.49 1.00 0.00	36.69 1.45 0.00	41.29 0.69 0.00	46.33 0.55 0.00	55.50 -0.22 0.00	61.64 -0.19 0.00	57.79 0.00 0.00	51.28 0.41 0.00	40.69 0.64 0.00	36.12 1.15 0.00	35.23 1.71 0.00	30.95 1.19 0.00
SENECA___ENERGY 23797	26.51 -0.05 0.00	24.47 -0.02 0.00	22.35 -0.18 0.00	20.62 -0.17 0.00	19.81 -0.10 0.00	21.18 -0.06 0.00	24.76 0.17 0.00	25.41 0.13 0.00	29.56 0.35 0.00	29.78 0.15 0.00	31.92 0.50 0.00	33.23 0.43 0.00	34.06 0.57 0.00	35.85 0.60 0.00	41.21 0.61 0.00	46.42 0.64 0.00	56.34 0.61 0.00	62.94 1.11 0.00	58.53 0.75 0.00	51.79 0.92 0.00	40.97 0.92 0.00	35.81 0.84 0.00	34.29 0.77 0.00	30.36 0.59 0.00
SHOEMAKER___GT 23640	27.82 1.25 0.00	25.60 1.10 0.00	23.61 1.08 0.00	21.81 1.02 0.00	20.78 0.87 0.00	22.21 0.96 0.00	25.54 0.96 0.00	26.39 1.11 0.00	30.46 1.25 0.00	31.08 1.45 0.00	33.02 1.60 0.00	34.51 1.70 0.00	35.13 1.64 0.00	36.94 1.69 0.00	42.59 1.99 0.00	48.20 2.42 0.00	58.73 3.01 0.00	65.84 4.02 0.00	60.79 3.00 0.00	53.41 2.54 0.00	41.85 1.80 0.00	36.65 1.68 0.00	35.07 1.54 0.00	31.07 1.31 0.00
SHOEMAKR_138KV_BK 111 55601	27.82 1.25 0.00	25.60 1.10 0.00	23.61 1.08 0.00	21.79 1.00 0.00	20.78 0.88 0.00	22.20 0.96 0.00	25.59 1.01 0.00	26.37 1.09 0.00	30.46 1.26 0.00	31.08 1.45 0.00	33.05 1.63 0.00	34.51 1.71 0.00	35.16 1.67 0.00	36.87 1.62 0.00	42.55 1.95 0.00	48.16 2.38 0.00	58.73 3.01 0.00	65.41 3.59 0.00	60.73 2.95 0.00	53.31 2.44 0.00	41.89 1.84 0.00	36.61 1.64 0.00	35.06 1.54 0.00	31.10 1.34 0.00
SHOREHAM_IC_1 23715	34.83 2.97 -5.28	30.59 2.72 -3.38	26.55 2.68 -1.34	23.91 2.56 -0.56	22.88 2.37 -0.61	25.40 2.51 -1.65	31.28 2.92 -3.77	28.62 3.13 -0.21	35.19 3.56 -2.42	38.71 3.82 -5.26	41.26 3.83 -6.01	47.17 3.71 -10.66	53.47 3.62 -16.36	66.95 3.42 -28.29	110.11 3.73 -65.77	257.72 4.21 -207.74	262.05 4.73 -201.59	278.05 5.94 -210.29	257.29 4.62 -194.88	248.89 4.38 -193.64	129.28 3.53 -85.70	53.22 3.32 -14.93	46.72 3.45 -9.75	41.54 2.98 -8.80
SHOREHAM_IC_2 23716	34.83 2.97 -5.28	30.59 2.72 -3.38	26.55 2.68 -1.34	23.91 2.56 -0.56	22.88 2.37 -0.61	25.40 2.51 -1.65	31.28 2.92 -3.77	28.62 3.13 -0.21	35.19 3.56 -2.42	38.71 3.82 -5.26	41.26 3.83 -6.01	47.17 3.71 -10.66	53.47 3.62 -16.36	66.95 3.42 -28.29	110.11 3.73 -65.77	257.72 4.21 -207.74	262.05 4.73 -201.59	278.05 5.94 -210.29	257.29 4.62 -194.88	248.89 4.38 -193.64	129.28 3.53 -85.70	53.22 3.32 -14.93	46.72 3.45 -9.75	41.54 2.98 -8.80

SISSONVILLE____ 23735	26.67 0.11 0.00	24.57 0.07 0.00	22.53 0.00 0.00	20.75 -0.04 0.00	19.93 0.02 0.00	21.25 0.00 0.00	24.64 0.05 0.00	25.25 -0.03 0.00	28.56 -0.64 0.00	28.80 -0.83 0.00	30.29 -1.13 0.00	31.65 -1.15 0.00	32.38 -1.11 0.00	34.12 -1.13 0.00	39.30 -1.30 0.00	43.85 -1.92 0.00	53.72 -2.01 0.00	59.48 -2.35 0.00	56.05 -1.73 0.00	49.29 -1.58 0.00	38.69 -1.36 0.00	33.71 -1.26 0.00	32.89 -0.64 0.00	29.25 -0.51 0.00
SITHE_IND_GS1 24169	25.77 -0.80 0.00	23.78 -0.71 0.00	21.86 -0.68 0.00	20.17 -0.62 0.00	19.33 -0.58 0.00	20.63 -0.62 0.00	23.92 -0.66 0.00	24.60 -0.68 0.00	28.48 -0.73 0.00	28.80 -0.83 0.00	30.67 -0.75 0.00	32.01 -0.79 0.00	32.75 -0.74 0.00	34.44 -0.81 0.00	39.63 -0.97 0.00	44.68 -1.10 0.00	54.28 -1.45 0.00	60.40 -1.42 0.00	56.34 -1.44 0.00	49.70 -1.17 0.00	39.21 -0.84 0.00	34.23 -0.74 0.00	32.85 -0.67 0.00	29.08 -0.68 0.00
SITHE_IND_GS2 24170	25.77 -0.80 0.00	23.78 -0.71 0.00	21.86 -0.68 0.00	20.17 -0.62 0.00	19.33 -0.58 0.00	20.63 -0.62 0.00	23.92 -0.66 0.00	24.60 -0.68 0.00	28.48 -0.73 0.00	28.80 -0.83 0.00	30.67 -0.75 0.00	32.01 -0.79 0.00	32.75 -0.74 0.00	34.44 -0.81 0.00	39.63 -0.97 0.00	44.68 -1.10 0.00	54.28 -1.45 0.00	60.40 -1.42 0.00	56.34 -1.44 0.00	49.70 -1.17 0.00	39.21 -0.84 0.00	34.23 -0.74 0.00	32.85 -0.67 0.00	29.08 -0.68 0.00
SITHE_IND_GS3 24171	25.77 -0.80 0.00	23.78 -0.71 0.00	21.86 -0.68 0.00	20.17 -0.62 0.00	19.33 -0.58 0.00	20.63 -0.62 0.00	23.92 -0.66 0.00	24.60 -0.68 0.00	28.48 -0.73 0.00	28.80 -0.83 0.00	30.67 -0.75 0.00	32.01 -0.79 0.00	32.75 -0.74 0.00	34.44 -0.81 0.00	39.63 -0.97 0.00	44.68 -1.10 0.00	54.28 -1.45 0.00	60.40 -1.42 0.00	56.34 -1.44 0.00	49.70 -1.17 0.00	39.21 -0.84 0.00	34.23 -0.74 0.00	32.85 -0.67 0.00	29.08 -0.68 0.00
SITHE_IND_GS4 24172	25.77 -0.80 0.00	23.78 -0.71 0.00	21.86 -0.68 0.00	20.17 -0.62 0.00	19.33 -0.58 0.00	20.63 -0.62 0.00	23.92 -0.66 0.00	24.60 -0.68 0.00	28.48 -0.73 0.00	28.80 -0.83 0.00	30.67 -0.75 0.00	32.01 -0.79 0.00	32.75 -0.74 0.00	34.44 -0.81 0.00	39.63 -0.97 0.00	44.68 -1.10 0.00	54.28 -1.45 0.00	60.40 -1.42 0.00	56.34 -1.44 0.00	49.70 -1.17 0.00	39.21 -0.84 0.00	34.23 -0.74 0.00	32.85 -0.67 0.00	29.08 -0.68 0.00
SITHE____BATAVIA 24024	27.15 0.58 0.00	25.20 0.71 0.00	22.83 0.29 0.00	21.00 0.21 0.00	20.26 0.36 0.00	21.63 0.38 0.00	25.67 1.08 0.00	25.83 0.56 0.00	30.32 1.11 0.00	30.10 0.47 0.00	32.27 0.85 0.00	33.65 0.85 0.00	34.76 1.27 0.00	36.66 1.41 0.00	41.65 1.05 0.00	46.74 0.96 0.00	56.17 0.44 0.00	62.94 1.11 0.00	58.53 0.75 0.00	52.29 1.42 0.00	41.73 1.68 0.00	36.58 1.61 0.00	35.73 2.21 0.00	31.34 1.58 0.00
SITHE____INDEPEND 23800	25.74 -0.82 0.00	23.76 -0.73 0.00	21.86 -0.68 0.00	20.17 -0.62 0.00	19.33 -0.58 0.00	20.61 -0.64 0.00	23.90 -0.69 0.00	24.60 -0.68 0.00	28.48 -0.73 0.00	28.80 -0.83 0.00	30.63 -0.79 0.00	31.98 -0.82 0.00	32.72 -0.77 0.00	34.51 -0.74 0.00	39.63 -0.97 0.00	44.63 -1.14 0.00	54.28 -1.45 0.00	60.34 -1.48 0.00	56.34 -1.44 0.00	49.65 -1.22 0.00	39.13 -0.92 0.00	34.24 -0.73 0.00	32.82 -0.70 0.00	29.08 -0.68 0.00
SITHE____MASSENA 23902	26.65 0.08 0.00	24.57 0.07 0.00	22.56 0.02 0.00	20.79 0.00 0.00	19.95 0.04 0.00	21.27 0.02 0.00	24.64 0.05 0.00	25.28 0.00 0.00	28.83 -0.38 0.00	29.21 -0.41 0.00	30.76 -0.66 0.00	32.18 -0.62 0.00	32.92 -0.57 0.00	34.68 -0.57 0.00	39.95 -0.65 0.00	44.77 -1.01 0.00	54.83 -0.89 0.00	60.16 -1.67 0.00	56.98 -0.81 0.00	49.96 -0.91 0.00	39.37 -0.68 0.00	34.27 -0.70 0.00	32.98 -0.54 0.00	29.40 -0.36 0.00
SITHE____OGDNSBRG 24021	26.99 0.43 0.00	24.89 0.39 0.00	22.80 0.27 0.00	21.02 0.23 0.00	20.18 0.28 0.00	21.52 0.28 0.00	24.91 0.32 0.00	25.53 0.25 0.00	29.03 -0.18 0.00	29.36 -0.27 0.00	30.92 -0.50 0.00	32.31 -0.49 0.00	33.09 -0.40 0.00	34.86 -0.39 0.00	40.15 -0.45 0.00	44.91 -0.87 0.00	55.06 -0.67 0.00	60.90 -0.93 0.00	57.38 -0.40 0.00	50.51 -0.36 0.00	39.69 -0.36 0.00	34.55 -0.42 0.00	33.42 -0.10 0.00	29.73 -0.03 0.00
SITHE____STERLING 23777	27.18 0.61 0.00	25.03 0.54 0.00	22.96 0.43 0.00	21.17 0.37 0.00	20.30 0.40 0.00	21.67 0.42 0.00	25.13 0.54 0.00	25.78 0.51 0.00	29.82 0.61 0.00	30.22 0.59 0.00	32.30 0.88 0.00	33.72 0.92 0.00	34.49 1.00 0.00	36.20 0.95 0.00	41.90 1.30 0.00	47.10 1.33 0.00	57.56 1.84 0.00	64.23 2.41 0.00	60.04 2.25 0.00	53.01 2.14 0.00	41.69 1.64 0.00	36.33 1.36 0.00	34.70 1.17 0.00	30.65 0.89 0.00
SLEIGHT__34_KV_TB1 80719	27.10 0.53 0.00	25.03 0.54 0.00	22.92 0.38 0.00	21.12 0.33 0.00	20.28 0.38 0.00	21.67 0.42 0.00	25.30 0.71 0.00	26.14 0.86 0.00	30.46 1.26 0.00	30.70 1.07 0.00	32.93 1.51 0.00	34.47 1.67 0.00	35.40 1.91 0.00	37.43 2.19 0.00	42.87 2.27 0.00	48.20 2.43 0.00	58.62 2.90 0.00	65.29 3.46 0.00	60.85 3.06 0.00	53.67 2.80 0.00	42.37 2.32 0.00	37.07 2.10 0.00	35.43 1.91 0.00	31.16 1.40 0.00
SOUTH CAIRO____GT 23612	27.33 1.62 0.86	25.79 1.30 0.00	23.84 1.31 0.00	21.96 1.16 0.00	20.98 1.07 0.00	22.57 1.32 0.00	25.48 1.67 0.78	26.57 1.29 0.00	30.64 1.43 0.00	31.20 1.57 0.00	33.44 2.04 0.02	34.70 1.90 0.00	33.30 1.64 1.82	35.73 1.76 1.28	39.27 2.27 3.61	42.62 2.65 5.81	58.99 3.29 0.02	65.60 3.77 0.00	61.08 3.29 0.00	54.13 3.26 0.00	42.73 2.68 0.00	37.21 2.24 0.00	35.70 2.18 0.00	31.40 1.64 0.00
SOUTH HAMPTN____IC 23720	35.44 3.59 -5.28	31.15 3.28 -3.38	27.05 3.18 -1.34	24.35 2.99 -0.56	23.30 2.79 -0.61	25.85 2.95 -1.65	31.77 3.42 -3.77	29.15 3.66 -0.20	35.85 4.29 -2.35	39.41 4.62 -5.16	42.16 4.81 -5.94	48.39 4.85 -10.73	54.38 4.82 -16.07	67.45 4.76 -27.44	109.42 5.24 -63.58	251.81 6.32 -199.72	257.11 7.63 -193.75	273.01 8.96 -202.22	252.67 7.34 -187.55	243.37 6.56 -185.93	127.31 4.84 -82.42	53.91 4.44 -14.50	47.80 4.46 -9.82	42.37 3.87 -8.74
SOUTHDOW_115KV_TB1 355954	27.39 0.82 0.00	25.30 0.81 0.00	23.03 0.50 0.00	21.23 0.44 0.00	20.48 0.58 0.00	21.91 0.66 0.00	25.62 1.03 0.00	26.44 1.16 0.00	31.05 1.84 0.00	30.99 1.36 0.00	33.08 1.67 0.00	34.74 1.94 0.00	35.70 2.21 0.00	37.89 2.64 0.00	42.51 1.91 0.00	47.74 1.97 0.00	56.95 1.23 0.00	63.18 1.36 0.00	59.46 1.68 0.00	52.85 1.98 0.00	41.89 1.84 0.00	37.21 2.24 0.00	36.00 2.48 0.00	31.84 2.08 0.00
SOUTHOLD_69_KV_BK 2 55809	36.13 4.28 -5.28	31.81 3.94 -3.38	27.59 3.72 -1.34	24.85 3.49 -0.56	23.76 3.24 -0.61	26.38 3.48 -1.65	32.39 4.03 -3.77	29.78 4.30 -0.20	36.66 5.11 -2.35	40.30 5.51 -5.17	43.23 5.88 -5.94	45.92 6.10 -7.02	55.76 6.20 -16.08	68.97 6.27 -27.45	111.11 6.90 -63.61	253.63 8.06 -199.80	259.42 9.86 -193.84	273.65 9.52 -202.31	253.73 8.32 -187.63	245.28 8.39 -186.01	128.91 6.41 -82.45	55.17 5.70 -14.50	48.81 5.46 -9.82	43.32 4.82 -8.74

SOUTHOLD___IC 23719	36.13 4.28 -5.28	31.77 3.89 -3.38	27.59 3.72 -1.34	24.85 3.49 -0.56	23.76 3.25 -0.61	26.36 3.46 -1.65	32.36 4.01 -3.77	29.78 4.30 -0.20	36.66 5.11 -2.35	40.30 5.51 -5.17	43.26 5.90 -5.94	49.67 6.13 -10.74	55.73 6.16 -16.08	68.83 6.13 -27.45	111.07 6.86 -63.61	253.73 8.15 -199.80	259.42 9.86 -193.84	274.21 10.08 -202.31	253.79 8.38 -187.63	245.33 8.45 -186.01	128.79 6.29 -82.45	55.17 5.70 -14.50	48.91 5.57 -9.82	43.29 4.79 -8.74
SPIERFLS_115KV_TB 1 80737	29.08 1.51 -1.00	25.89 1.40 0.00	23.86 1.33 0.00	21.98 1.19 0.00	21.04 1.13 0.00	22.52 1.27 0.00	26.89 1.45 -0.85	26.67 1.39 0.00	30.96 1.75 0.00	31.50 1.87 0.00	33.39 1.95 -0.02	34.87 2.07 0.00	37.30 1.71 -2.11	38.69 1.97 -1.47	47.20 2.44 -4.16	55.40 2.93 -6.70	59.26 3.51 -0.02	66.09 4.27 0.00	62.06 4.28 0.00	54.79 3.92 0.00	43.65 3.60 0.00	37.87 2.90 0.00	36.00 2.48 0.00	31.66 1.90 0.00
ST LAWRENCE____ 23600	26.25 -0.32 0.00	24.20 -0.29 0.00	22.24 -0.29 0.00	20.52 -0.27 0.00	19.67 -0.24 0.00	20.97 -0.28 0.00	24.27 -0.32 0.00	24.92 -0.35 0.00	28.59 -0.61 0.00	29.01 -0.62 0.00	30.54 -0.88 0.00	31.92 -0.88 0.00	32.65 -0.84 0.00	34.37 -0.88 0.00	39.59 -1.01 0.00	44.50 -1.28 0.00	54.33 -1.39 0.00	59.66 -2.17 0.00	56.40 -1.39 0.00	49.50 -1.37 0.00	38.97 -1.08 0.00	33.95 -1.02 0.00	32.62 -0.90 0.00	29.08 -0.68 0.00
STATE_CA_115KV_115_LB 55624	26.10 0.80 1.26	25.23 0.73 0.00	23.30 0.77 0.00	21.50 0.71 0.00	20.60 0.70 0.00	21.97 0.72 0.00	24.24 0.74 1.08	25.94 0.66 0.00	30.02 0.82 0.00	30.58 0.95 0.00	32.52 1.13 0.03	33.95 1.15 0.00	31.82 1.00 2.67	34.44 1.06 1.87	36.66 1.34 5.28	38.93 1.65 8.50	57.59 1.89 0.03	64.24 2.41 0.00	59.81 2.02 0.00	52.60 1.73 0.00	41.53 1.48 0.00	36.19 1.22 0.00	34.66 1.14 0.00	30.65 0.89 0.00
STATE_ST_34_KV_LOAD 55959	26.94 0.37 0.00	24.89 0.39 0.00	22.80 0.27 0.00	21.04 0.25 0.00	20.18 0.28 0.00	21.55 0.30 0.00	25.05 0.47 0.00	25.83 0.56 0.00	30.02 0.82 0.00	30.31 0.68 0.00	32.14 0.72 0.00	33.62 0.82 0.00	34.43 0.94 0.00	36.38 1.13 0.00	42.18 1.58 0.00	47.47 1.69 0.00	57.73 2.01 0.00	64.30 2.47 0.00	59.98 2.20 0.00	52.80 1.93 0.00	41.73 1.68 0.00	36.47 1.50 0.00	34.86 1.34 0.00	30.77 1.01 0.00
STATION 5_MISC_HYD 23604	26.70 0.13 0.00	24.74 0.24 0.00	22.51 -0.02 0.00	20.71 -0.08 0.00	19.93 0.02 0.00	21.27 0.02 0.00	25.10 0.52 0.00	25.51 0.23 0.00	29.82 0.61 0.00	29.84 0.21 0.00	31.86 0.44 0.00	33.33 0.52 0.00	34.33 0.84 0.00	36.27 1.02 0.00	41.37 0.77 0.00	46.46 0.69 0.00	56.06 0.34 0.00	62.69 0.87 0.00	58.30 0.52 0.00	51.79 0.92 0.00	41.13 1.08 0.00	35.98 1.01 0.00	34.96 1.44 0.00	30.74 0.98 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	26.67 0.11 0.00	24.67 0.17 0.00	22.56 0.02 0.00	20.77 -0.02 0.00	19.97 0.06 0.00	21.29 0.04 0.00	24.91 0.32 0.00	25.63 0.35 0.00	29.91 0.70 0.00	30.01 0.39 0.00	32.08 0.66 0.00	33.59 0.79 0.00	34.49 1.00 0.00	36.59 1.34 0.00	41.66 1.06 0.00	46.83 1.05 0.00	56.73 1.00 0.00	63.25 1.42 0.00	59.11 1.33 0.00	52.14 1.27 0.00	41.13 1.08 0.00	36.16 1.19 0.00	34.86 1.34 0.00	30.65 0.89 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	26.43 -0.13 0.00	24.47 -0.02 0.00	22.35 -0.18 0.00	20.58 -0.21 0.00	19.79 -0.12 0.00	21.10 -0.15 0.00	24.71 0.12 0.00	25.35 0.08 0.00	29.61 0.41 0.00	29.69 0.06 0.00	31.61 0.19 0.00	33.20 0.39 0.00	34.12 0.64 0.00	36.23 0.99 0.00	41.17 0.57 0.00	46.23 0.46 0.00	55.89 0.17 0.00	62.26 0.43 0.00	58.19 0.40 0.00	51.38 0.51 0.00	40.61 0.56 0.00	35.74 0.77 0.00	34.63 1.11 0.00	30.41 0.65 0.00
STA_56___34_KV_BUS2 355983	26.43 -0.13 0.00	24.47 -0.02 0.00	22.35 -0.18 0.00	20.58 -0.21 0.00	19.79 -0.12 0.00	21.10 -0.15 0.00	24.71 0.12 0.00	25.35 0.08 0.00	29.61 0.41 0.00	29.69 0.06 0.00	31.61 0.19 0.00	33.20 0.39 0.00	34.12 0.64 0.00	36.23 0.99 0.00	41.17 0.57 0.00	46.23 0.46 0.00	55.89 0.17 0.00	62.26 0.43 0.00	58.19 0.40 0.00	51.38 0.51 0.00	40.61 0.56 0.00	35.74 0.77 0.00	34.63 1.11 0.00	30.41 0.65 0.00
STA_67___115KV_BK2 355882	26.54 -0.03 0.00	24.57 0.07 0.00	22.44 -0.09 0.00	20.67 -0.12 0.00	19.89 -0.02 0.00	21.21 -0.04 0.00	24.81 0.22 0.00	25.43 0.15 0.00	29.73 0.53 0.00	29.78 0.15 0.00	31.64 0.22 0.00	33.23 0.43 0.00	34.16 0.67 0.00	36.27 1.02 0.00	41.21 0.61 0.00	46.23 0.46 0.00	55.89 0.17 0.00	62.20 0.37 0.00	58.19 0.40 0.00	51.43 0.56 0.00	40.69 0.64 0.00	35.88 0.91 0.00	34.76 1.24 0.00	30.53 0.77 0.00
STA_7___115KV_9TRANS 80674	26.75 0.19 0.00	24.76 0.27 0.00	22.62 0.09 0.00	20.81 0.02 0.00	20.02 0.12 0.00	21.35 0.11 0.00	25.00 0.42 0.00	25.66 0.38 0.00	29.99 0.79 0.00	30.01 0.39 0.00	31.92 0.50 0.00	33.56 0.75 0.00	34.53 1.04 0.00	36.66 1.41 0.00	41.66 1.06 0.00	46.78 1.01 0.00	56.56 0.84 0.00	62.94 1.11 0.00	58.83 1.04 0.00	52.04 1.17 0.00	41.13 1.08 0.00	36.26 1.29 0.00	35.13 1.61 0.00	30.83 1.07 0.00
STA_82___115KV_TB1 80780	26.54 -0.03 0.00	24.59 0.10 0.00	22.47 -0.07 0.00	20.69 -0.10 0.00	19.91 0.00 0.00	21.21 -0.04 0.00	24.83 0.25 0.00	25.46 0.18 0.00	29.76 0.55 0.00	29.78 0.15 0.00	31.64 0.22 0.00	33.23 0.43 0.00	34.19 0.70 0.00	36.27 1.02 0.00	41.25 0.65 0.00	46.28 0.50 0.00	55.89 0.17 0.00	62.26 0.43 0.00	58.25 0.46 0.00	51.48 0.61 0.00	40.69 0.64 0.00	35.88 0.91 0.00	34.80 1.27 0.00	30.56 0.80 0.00
STEEL___WIND 323596	26.86 0.29 0.00	24.91 0.42 0.00	22.56 0.02 0.00	20.79 0.00 0.00	20.06 0.16 0.00	21.46 0.21 0.00	25.40 0.81 0.00	25.63 0.35 0.00	30.11 0.91 0.00	29.93 0.30 0.00	32.05 0.63 0.00	33.42 0.62 0.00	34.56 1.07 0.00	36.38 1.13 0.00	41.29 0.69 0.00	46.37 0.59 0.00	55.50 -0.22 0.00	62.01 0.19 0.00	57.50 -0.29 0.00	51.48 0.61 0.00	41.13 1.08 0.00	36.12 1.15 0.00	35.30 1.78 0.00	31.07 1.31 0.00
STEPHTWN_115KV_BK_2 55603	25.98 0.93 1.52	25.33 0.83 0.00	23.39 0.86 0.00	21.58 0.79 0.00	20.68 0.78 0.00	22.06 0.81 0.00	24.17 0.89 1.30	26.06 0.78 0.00	30.17 0.96 0.00	30.75 1.13 0.00	32.71 1.32 0.03	34.18 1.38 0.00	31.45 1.17 3.21	34.24 1.23 2.24	35.96 1.71 6.35	37.71 2.15 10.22	58.20 2.51 0.03	64.98 3.15 0.00	60.44 2.66 0.00	53.21 2.34 0.00	42.01 1.96 0.00	36.61 1.64 0.00	35.06 1.54 0.00	30.95 1.19 0.00
STEUBEN_REC_LFGE 323667	27.36 0.80 0.00	25.28 0.78 0.00	23.10 0.56 0.00	21.29 0.50 0.00	20.52 0.62 0.00	21.93 0.68 0.00	25.62 1.03 0.00	26.42 1.14 0.00	30.87 1.66 0.00	30.84 1.21 0.00	33.08 1.67 0.00	34.57 1.77 0.00	35.53 2.04 0.00	37.68 2.43 0.00	42.51 1.91 0.00	47.79 2.01 0.00	57.67 1.95 0.00	64.24 2.41 0.00	60.21 2.43 0.00	53.36 2.49 0.00	42.25 2.20 0.00	37.38 2.41 0.00	35.94 2.41 0.00	31.72 1.96 0.00

STONY___BROOK 24151	34.88 3.03 -5.28	30.61 2.74 -3.38	26.51 2.64 -1.34	23.81 2.45 -0.57	22.80 2.27 -0.63	25.32 2.42 -1.65	31.08 2.70 -3.79	28.41 2.91 -0.22	35.49 3.42 -2.87	39.07 3.67 -5.77	41.59 3.74 -6.43	46.31 3.67 -9.83	54.63 3.42 -17.72	71.74 3.42 -33.07	122.58 3.82 -78.16	303.66 4.76 -253.13	307.57 5.90 -245.95	325.14 7.35 -255.96	300.06 5.90 -236.38	293.08 4.93 -237.28	147.85 3.53 -104.28	55.53 3.22 -17.34	46.07 3.59 -8.96	42.01 3.15 -9.09
STURGEON_POOL_HYD 23609	27.93 1.57 0.20	25.74 1.25 0.00	23.75 1.22 0.00	21.91 1.12 0.00	20.82 0.92 0.00	22.27 1.02 0.00	25.63 1.23 0.18	26.44 1.16 0.00	30.52 1.31 0.00	31.20 1.57 0.00	33.46 2.04 0.00	34.70 1.90 0.00	35.27 2.21 0.43	37.10 2.15 0.30	42.31 2.56 0.85	47.53 3.11 1.36	59.62 3.90 0.00	65.97 4.14 0.00	61.08 3.29 0.00	53.52 2.65 0.00	41.97 1.92 0.00	36.68 1.71 0.00	35.10 1.58 0.00	31.10 1.34 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	27.92 1.35 0.00	25.69 1.20 0.00	23.68 1.15 0.00	21.87 1.08 0.00	20.84 0.94 0.00	22.27 1.02 0.00	25.67 1.08 0.00	26.49 1.21 0.00	30.61 1.40 0.00	31.26 1.63 0.00	33.30 1.89 0.00	34.77 1.97 0.00	35.46 1.98 0.00	37.15 1.90 0.00	42.79 2.19 0.00	48.43 2.66 0.00	59.12 3.40 0.00	65.78 3.96 0.00	61.02 3.24 0.00	53.47 2.59 0.00	42.01 1.96 0.00	36.72 1.75 0.00	35.17 1.64 0.00	31.19 1.43 0.00
SWANROAD_115KV_TB1 355699	26.04 -0.53 0.00	24.20 -0.29 0.00	22.08 -0.45 0.00	20.33 -0.46 0.00	19.71 -0.20 0.00	20.93 -0.32 0.00	24.51 -0.07 0.00	24.75 -0.53 0.00	29.18 -0.03 0.00	28.89 -0.74 0.00	30.57 -0.85 0.00	32.11 -0.69 0.00	33.12 -0.37 0.00	35.21 -0.04 0.00	39.63 -0.97 0.00	44.36 -1.42 0.00	53.05 -2.67 0.00	59.04 -2.78 0.00	55.42 -2.37 0.00	49.24 -1.63 0.00	39.13 -0.92 0.00	34.76 -0.21 0.00	34.06 0.54 0.00	30.00 0.24 0.00
SYNERGY___BIOGAS 323694	27.15 0.58 0.00	25.20 0.71 0.00	22.83 0.29 0.00	21.00 0.21 0.00	20.26 0.36 0.00	21.63 0.38 0.00	25.67 1.08 0.00	25.83 0.56 0.00	30.32 1.11 0.00	30.10 0.47 0.00	32.27 0.85 0.00	33.65 0.85 0.00	34.76 1.27 0.00	36.66 1.41 0.00	41.65 1.05 0.00	46.74 0.96 0.00	56.17 0.44 0.00	62.94 1.11 0.00	58.53 0.75 0.00	52.29 1.42 0.00	41.73 1.68 0.00	36.58 1.61 0.00	35.73 2.21 0.00	31.34 1.58 0.00
SYRACUSE___ENERGY_ST1 323597	26.46 -0.11 0.00	24.42 -0.07 0.00	22.42 -0.11 0.00	20.69 -0.10 0.00	19.83 -0.08 0.00	21.16 -0.08 0.00	24.56 -0.02 0.00	25.33 0.05 0.00	29.41 0.20 0.00	29.69 0.06 0.00	31.70 0.28 0.00	33.13 0.33 0.00	33.92 0.44 0.00	35.78 0.53 0.00	41.17 0.57 0.00	46.37 0.60 0.00	56.39 0.67 0.00	62.69 0.87 0.00	58.54 0.75 0.00	51.53 0.66 0.00	40.65 0.60 0.00	35.56 0.59 0.00	34.03 0.50 0.00	30.09 0.33 0.00
SYRACUSE___ENERGY_ST2 323598	26.46 -0.11 0.00	24.42 -0.07 0.00	22.42 -0.11 0.00	20.69 -0.10 0.00	19.83 -0.08 0.00	21.16 -0.08 0.00	24.56 -0.02 0.00	25.33 0.05 0.00	29.41 0.20 0.00	29.69 0.06 0.00	31.70 0.28 0.00	33.13 0.33 0.00	33.92 0.44 0.00	35.78 0.53 0.00	41.17 0.57 0.00	46.37 0.60 0.00	56.39 0.67 0.00	62.69 0.87 0.00	58.54 0.75 0.00	51.53 0.66 0.00	40.65 0.60 0.00	35.56 0.59 0.00	34.03 0.50 0.00	30.09 0.33 0.00
SYRACUSE___POWER 24017	26.41 -0.16 0.00	24.37 -0.12 0.00	22.38 -0.16 0.00	20.65 -0.15 0.00	19.79 -0.12 0.00	21.12 -0.13 0.00	24.51 -0.07 0.00	25.28 0.00 0.00	29.32 0.12 0.00	29.60 -0.03 0.00	31.58 0.16 0.00	33.00 0.20 0.00	33.79 0.30 0.00	35.67 0.42 0.00	40.97 0.37 0.00	46.14 0.37 0.00	56.11 0.39 0.00	62.38 0.56 0.00	58.25 0.46 0.00	51.33 0.46 0.00	40.45 0.40 0.00	35.39 0.42 0.00	33.89 0.37 0.00	29.94 0.18 0.00
TALLMAN___138KV_BK151 55660	28.16 1.59 0.00	25.89 1.40 0.00	23.86 1.33 0.00	22.06 1.27 0.00	21.00 1.09 0.00	22.46 1.21 0.00	25.84 1.25 0.00	26.74 1.47 0.00	30.90 1.69 0.00	31.58 1.96 0.00	33.62 2.20 0.00	35.13 2.33 0.00	35.80 2.31 0.00	37.47 2.22 0.00	43.20 2.60 0.00	48.94 3.16 0.00	59.68 3.96 0.00	66.40 4.58 0.00	61.48 3.70 0.00	53.82 2.95 0.00	42.29 2.24 0.00	37.00 2.03 0.00	35.43 1.91 0.00	31.46 1.70 0.00
TEALLAVE_115KV_TB7 355573	26.33 -0.24 0.00	24.27 -0.22 0.00	22.31 -0.23 0.00	20.58 -0.21 0.00	19.73 -0.18 0.00	21.06 -0.19 0.00	24.44 -0.15 0.00	25.18 -0.10 0.00	29.21 0.00 0.00	29.48 -0.15 0.00	31.45 0.03 0.00	32.87 0.07 0.00	33.66 0.17 0.00	35.49 0.25 0.00	40.76 0.16 0.00	45.91 0.14 0.00	55.84 0.11 0.00	62.07 0.25 0.00	57.96 0.17 0.00	51.02 0.15 0.00	40.25 0.20 0.00	35.21 0.24 0.00	33.72 0.20 0.00	29.82 0.06 0.00
TELGRAPH_34_KV_EAST 80808	26.62 0.05 0.00	24.71 0.22 0.00	22.53 0.00 0.00	20.73 -0.06 0.00	20.04 0.14 0.00	21.33 0.08 0.00	25.00 0.42 0.00	25.43 0.15 0.00	29.91 0.70 0.00	29.66 0.03 0.00	31.42 0.00 0.00	33.03 0.23 0.00	34.06 0.57 0.00	36.23 0.99 0.00	40.76 0.16 0.00	45.64 -0.14 0.00	54.78 -0.95 0.00	61.02 -0.80 0.00	57.21 -0.58 0.00	50.82 -0.05 0.00	40.33 0.28 0.00	35.74 0.77 0.00	34.93 1.41 0.00	30.68 0.92 0.00
TEMPLE___115KV_TB 2 55572	26.33 -0.24 0.00	24.30 -0.20 0.00	22.33 -0.20 0.00	20.58 -0.21 0.00	19.75 -0.16 0.00	21.08 -0.17 0.00	24.46 -0.12 0.00	25.20 -0.08 0.00	29.24 0.03 0.00	29.51 -0.12 0.00	31.48 0.06 0.00	32.93 0.13 0.00	33.72 0.23 0.00	35.57 0.32 0.00	40.80 0.20 0.00	46.01 0.23 0.00	55.95 0.22 0.00	62.13 0.31 0.00	58.02 0.23 0.00	51.07 0.20 0.00	40.29 0.24 0.00	35.25 0.28 0.00	33.76 0.23 0.00	29.85 0.09 0.00
TIANA___69_KV_BK 1 55817	35.28 3.43 -5.28	31.03 3.16 -3.38	26.89 3.02 -1.34	24.20 2.85 -0.56	23.16 2.65 -0.61	25.72 2.83 -1.65	31.65 3.29 -3.77	28.95 3.46 -0.20	35.61 4.06 -2.35	39.18 4.39 -5.17	41.85 4.49 -5.94	44.31 4.49 -7.01	54.09 4.52 -16.08	67.17 4.48 -27.45	109.08 4.87 -63.60	251.38 5.81 -199.79	256.68 7.13 -193.82	272.03 7.91 -202.29	252.28 6.88 -187.61	242.92 6.05 -186.00	127.14 4.65 -82.45	53.60 4.13 -14.50	47.43 4.09 -9.82	42.16 3.66 -8.74
TILDEN___115KV_TB1 80814	26.41 -0.16 0.00	24.37 -0.12 0.00	22.38 -0.16 0.00	20.65 -0.15 0.00	19.79 -0.12 0.00	21.12 -0.13 0.00	24.51 -0.07 0.00	25.28 0.00 0.00	29.32 0.12 0.00	29.60 -0.03 0.00	31.58 0.16 0.00	33.00 0.20 0.00	33.79 0.30 0.00	35.67 0.42 0.00	40.97 0.37 0.00	46.14 0.37 0.00	56.11 0.39 0.00	62.38 0.56 0.00	58.25 0.46 0.00	51.33 0.46 0.00	40.45 0.40 0.00	35.39 0.42 0.00	33.89 0.37 0.00	29.94 0.18 0.00
TRIGEN___CC 323695	34.11 2.26 -5.28	29.88 2.01 -3.38	25.76 1.89 -1.33	23.11 1.77 -0.55	22.03 1.57 -0.55	24.61 1.72 -1.64	30.19 1.89 -3.71	27.50 2.07 -0.15	32.13 2.45 -0.47	35.31 2.70 -2.98	38.47 2.89 -4.16	40.44 2.95 -4.69	40.56 2.91 -4.16	45.26 2.89 -7.13	54.83 3.29 -10.94	56.55 3.94 -6.84	65.96 4.96 -5.28	75.68 5.69 -8.17	73.79 4.80 -11.21	55.29 3.92 -0.50	46.54 3.00 -3.49	41.89 2.69 -4.23	40.26 2.72 -4.03	38.39 2.38 -6.25

TRINITY__115KV__4 BK 55933	25.79 0.69 1.47	25.13 0.64 0.00	23.21 0.68 0.00	21.44 0.64 0.00	20.52 0.62 0.00	21.89 0.64 0.00	23.99 0.66 1.26	25.83 0.56 0.00	29.88 0.67 0.00	30.46 0.83 0.00	32.36 0.97 0.03	33.79 0.98 0.00	31.18 0.80 3.11	33.88 0.81 2.17	35.55 1.10 6.15	37.25 1.37 9.90	57.25 1.56 0.03	63.86 2.04 0.00	59.46 1.68 0.00	52.30 1.42 0.00	41.29 1.24 0.00	35.98 1.01 0.00	34.49 0.97 0.00	30.50 0.74 0.00
UNION__PROCESSING_DRP 323587	26.57 0.00 0.00	24.59 0.10 0.00	22.47 -0.07 0.00	20.69 -0.10 0.00	19.91 0.00 0.00	21.23 -0.02 0.00	24.83 0.25 0.00	25.46 0.18 0.00	29.79 0.58 0.00	29.81 0.18 0.00	31.67 0.25 0.00	33.26 0.46 0.00	34.19 0.70 0.00	36.31 1.06 0.00	41.25 0.65 0.00	46.33 0.55 0.00	55.95 0.22 0.00	62.26 0.43 0.00	58.25 0.46 0.00	51.53 0.66 0.00	40.73 0.68 0.00	35.91 0.94 0.00	34.83 1.31 0.00	30.59 0.83 0.00
UPPER HUDSON__HYD 24058	29.05 1.49 -1.00	25.86 1.37 0.00	23.86 1.33 0.00	21.98 1.18 0.00	21.04 1.13 0.00	22.50 1.25 0.00	26.84 1.40 -0.85	26.67 1.39 0.00	30.96 1.75 0.00	31.50 1.87 0.00	33.42 1.98 -0.02	34.87 2.07 0.00	37.30 1.71 -2.11	38.69 1.97 -1.47	47.16 2.39 -4.16	55.31 2.84 -6.70	59.26 3.51 -0.02	66.46 4.64 0.00	62.06 4.28 0.00	54.84 3.97 0.00	43.57 3.53 0.00	37.87 2.90 0.00	35.97 2.45 0.00	31.67 1.91 0.00
UPPER RAQUET__HYD 24056	26.65 0.08 0.00	24.57 0.07 0.00	22.53 0.00 0.00	20.75 -0.04 0.00	19.93 0.02 0.00	21.25 0.00 0.00	24.64 0.05 0.00	25.25 -0.03 0.00	28.56 -0.64 0.00	28.80 -0.83 0.00	30.23 -1.19 0.00	31.65 -1.15 0.00	32.38 -1.10 0.00	34.12 -1.13 0.00	39.34 -1.26 0.00	43.72 -2.06 0.00	53.72 -2.00 0.00	58.98 -2.84 0.00	56.11 -1.68 0.00	49.14 -1.73 0.00	38.65 -1.40 0.00	33.71 -1.26 0.00	32.88 -0.64 0.00	29.25 -0.51 0.00
VALLEY44_115KV_TB2 355964	26.67 0.11 0.00	24.67 0.17 0.00	22.51 -0.02 0.00	20.81 0.02 0.00	20.08 0.18 0.00	21.46 0.21 0.00	25.05 0.47 0.00	25.73 0.46 0.00	30.05 0.85 0.00	29.95 0.33 0.00	31.89 0.47 0.00	33.52 0.72 0.00	34.36 0.87 0.00	36.48 1.23 0.00	41.25 0.65 0.00	46.37 0.60 0.00	55.61 -0.11 0.00	61.64 -0.19 0.00	57.67 -0.12 0.00	51.13 0.25 0.00	40.53 0.48 0.00	35.98 1.01 0.00	34.76 1.24 0.00	30.89 1.13 0.00
VALLEY__115KV_TB 1-4 80826	26.41 -0.16 0.00	24.32 -0.17 0.00	22.35 -0.18 0.00	20.60 -0.19 0.00	19.71 -0.20 0.00	21.06 -0.19 0.00	24.37 -0.22 0.00	25.05 -0.23 0.00	28.97 -0.23 0.00	29.42 -0.21 0.00	31.36 -0.06 0.00	32.74 -0.07 0.00	33.46 -0.03 0.00	35.18 -0.07 0.00	40.24 -0.37 0.00	45.32 -0.46 0.00	55.28 -0.45 0.00	61.45 -0.37 0.00	57.55 -0.23 0.00	50.72 -0.15 0.00	39.89 -0.16 0.00	34.90 -0.07 0.00	33.39 -0.13 0.00	29.61 -0.15 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	28.11 1.54 0.00	25.91 1.42 0.00	23.80 1.26 0.00	21.96 1.16 0.00	21.00 1.09 0.00	22.46 1.21 0.00	25.96 1.38 0.00	26.67 1.39 0.00	30.84 1.64 0.00	31.32 1.69 0.00	33.30 1.89 0.00	34.80 2.00 0.00	35.53 2.04 0.00	37.43 2.19 0.00	43.36 2.76 0.00	48.80 3.02 0.00	59.57 3.84 0.00	66.15 4.33 0.00	61.77 3.99 0.00	54.48 3.61 0.00	42.85 2.80 0.00	37.42 2.45 0.00	35.73 2.21 0.00	31.61 1.85 0.00
VISCHER__FERRY HYD 24020	30.64 1.20 -2.87	25.65 1.15 0.00	23.68 1.15 0.00	21.85 1.06 0.00	20.88 0.98 0.00	22.33 1.08 0.00	28.18 1.13 -2.46	26.36 1.09 0.00	30.52 1.32 0.00	31.08 1.45 0.00	33.11 1.63 -0.06	34.47 1.67 0.00	41.11 1.54 -6.08	41.12 1.62 -4.25	54.56 1.95 -12.01	67.49 2.38 -19.33	58.57 2.79 -0.06	65.35 3.52 0.00	60.56 2.77 0.00	53.31 2.44 0.00	42.01 1.96 0.00	36.68 1.71 0.00	35.07 1.54 0.00	31.01 1.25 0.00
V_A_10_SYNC_DSASP 323832	26.12 -0.45 0.00	24.22 -0.27 0.00	22.13 -0.41 0.00	20.40 -0.40 0.00	19.67 -0.24 0.00	20.95 -0.30 0.00	24.56 -0.02 0.00	25.03 -0.25 0.00	29.41 0.20 0.00	29.24 -0.39 0.00	31.01 -0.41 0.00	32.54 -0.26 0.00	33.49 0.00 0.00	35.57 0.32 0.00	40.19 -0.41 0.00	45.04 -0.73 0.00	54.11 -1.62 0.00	60.22 -1.61 0.00	56.40 -1.39 0.00	50.01 -0.86 0.00	39.69 -0.36 0.00	35.14 0.17 0.00	34.29 0.77 0.00	30.12 0.36 0.00
V_CMM_10_SYNC_DSASP 323787	26.35 -0.21 0.00	24.30 -0.20 0.00	22.33 -0.20 0.00	20.58 -0.21 0.00	19.75 -0.16 0.00	21.04 -0.21 0.00	24.36 -0.22 0.00	25.03 -0.25 0.00	28.71 -0.50 0.00	29.10 -0.53 0.00	30.67 -0.75 0.00	32.05 -0.75 0.00	32.78 -0.70 0.00	34.54 -0.70 0.00	39.79 -0.81 0.00	44.68 -1.10 0.00	54.61 -1.11 0.00	59.91 -1.92 0.00	56.69 -1.10 0.00	49.70 -1.17 0.00	39.17 -0.88 0.00	34.10 -0.87 0.00	32.75 -0.77 0.00	29.23 -0.53 0.00
V_CMP_10_SYNC_DSASP 323788	27.42 0.85 0.00	25.23 0.73 0.00	23.14 0.61 0.00	21.29 0.50 0.00	20.42 0.52 0.00	21.76 0.51 0.00	25.27 0.69 0.00	25.81 0.53 0.00	29.41 0.21 0.00	29.81 0.18 0.00	31.36 -0.06 0.00	32.93 0.13 0.00	33.82 0.33 0.00	35.74 0.49 0.00	41.05 0.45 0.00	45.82 0.05 0.00	56.28 0.56 0.00	61.82 0.00 0.00	58.36 0.58 0.00	50.77 -0.10 0.00	39.85 -0.20 0.00	34.30 -0.67 0.00	32.82 -0.71 0.00	29.19 -0.57 0.00
V_E_10_SYNC_DSASP 323830	28.64 2.07 0.00	26.41 1.91 0.00	24.09 1.55 0.00	22.25 1.45 0.00	21.32 1.41 0.00	22.80 1.55 0.00	26.48 1.89 0.00	27.10 1.82 0.00	31.37 2.16 0.00	31.50 1.87 0.00	33.90 2.48 0.00	35.26 2.46 0.00	36.17 2.68 0.00	38.03 2.78 0.00	43.97 3.37 0.00	49.48 3.71 0.00	60.74 5.02 0.00	68.13 6.31 0.00	63.91 6.12 0.00	56.82 5.95 0.00	44.77 4.72 0.00	38.99 4.02 0.00	37.01 3.49 0.00	32.53 2.77 0.00
V_F_30_NSYNC__DSASP 323816	29.43 1.62 -1.24	25.99 1.49 0.00	23.98 1.44 0.00	22.10 1.31 0.00	21.14 1.23 0.00	22.61 1.36 0.00	27.12 1.48 -1.06	26.74 1.47 0.00	30.99 1.78 0.00	31.53 1.90 0.00	33.55 2.11 -0.03	34.97 2.16 0.00	38.16 2.04 -2.63	39.31 2.22 -1.84	48.43 2.64 -5.20	57.30 3.16 -8.36	59.59 3.84 -0.03	66.65 4.83 0.00	61.95 4.16 0.00	54.64 3.76 0.00	43.18 3.13 0.00	37.63 2.66 0.00	35.87 2.35 0.00	31.67 1.91 0.00
V_F_30_SYNC_DSASP 323786	26.09 0.80 1.28	25.23 0.73 0.00	23.30 0.77 0.00	21.50 0.71 0.00	20.60 0.70 0.00	21.97 0.72 0.00	24.23 0.74 1.10	25.94 0.66 0.00	30.02 0.82 0.00	30.58 0.95 0.00	32.52 1.13 0.03	33.95 1.15 0.00	31.79 1.00 2.71	34.42 1.06 1.89	36.59 1.34 5.35	38.82 1.65 8.61	57.59 1.89 0.03	64.24 2.41 0.00	59.75 1.96 0.00	52.60 1.73 0.00	41.53 1.48 0.00	36.19 1.22 0.00	34.66 1.14 0.00	30.65 0.89 0.00
V_XM_10_SYNC_DSASP 323789	27.42 0.85 0.00	25.23 0.73 0.00	23.14 0.61 0.00	21.29 0.50 0.00	20.42 0.52 0.00	21.76 0.51 0.00	25.27 0.69 0.00	25.81 0.53 0.00	29.41 0.21 0.00	29.81 0.18 0.00	31.36 -0.06 0.00	32.93 0.13 0.00	33.82 0.33 0.00	35.74 0.49 0.00	41.05 0.45 0.00	45.82 0.05 0.00	56.28 0.56 0.00	61.82 0.00 0.00	58.36 0.58 0.00	50.77 -0.10 0.00	39.85 -0.20 0.00	34.30 -0.67 0.00	32.82 -0.71 0.00	29.19 -0.57 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	28.27 1.70 0.00	25.96 1.47 0.00	23.93 1.40 0.00	22.12 1.33 0.00	21.06 1.15 0.00	22.52 1.27 0.00	25.91 1.33 0.00	26.80 1.52 0.00	30.99 1.78 0.00	31.67 2.04 0.00	33.71 2.29 0.00	35.23 2.43 0.00	35.90 2.41 0.00	37.57 2.33 0.00	43.32 2.72 0.00	49.07 3.30 0.00	59.90 4.18 0.00	66.65 4.82 0.00	61.72 3.93 0.00	54.02 3.15 0.00	42.41 2.36 0.00	37.10 2.13 0.00	35.57 2.04 0.00	31.55 1.79 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	28.51 1.94 0.00	26.16 1.67 0.00	24.11 1.58 0.00	22.27 1.48 0.00	21.20 1.29 0.00	22.67 1.42 0.00	26.11 1.52 0.00	27.05 1.77 0.00	31.37 2.16 0.00	32.06 2.43 0.00	34.12 2.70 0.00	35.59 2.79 0.00	36.23 2.75 0.00	37.93 2.68 0.00	43.77 3.17 0.00	49.53 3.75 0.00	60.52 4.79 0.00	67.26 5.44 0.00	62.24 4.45 0.00	54.38 3.51 0.00	42.73 2.68 0.00	37.31 2.34 0.00	35.80 2.28 0.00	31.78 2.02 0.00
W50THST__13_KV_LOAD 356117	28.67 2.10 0.00	26.31 1.81 0.00	24.25 1.71 0.00	22.39 1.60 0.00	21.30 1.39 0.00	22.80 1.55 0.00	26.26 1.67 0.00	27.25 1.97 0.00	31.60 2.39 0.00	32.33 2.70 0.00	34.40 2.98 0.00	35.89 3.08 0.00	36.50 3.01 0.00	38.17 2.93 0.00	44.13 3.53 0.00	49.90 4.12 0.00	60.91 5.18 0.00	67.82 6.00 0.00	62.58 4.80 0.00	54.74 3.87 0.00	42.97 2.92 0.00	37.52 2.55 0.00	35.94 2.41 0.00	31.96 2.20 0.00
WADING RIVER_IC_1 23522	34.83 2.97 -5.28	30.59 2.72 -3.38	26.55 2.68 -1.34	23.91 2.56 -0.56	22.90 2.39 -0.61	25.40 2.51 -1.65	31.30 2.95 -3.77	28.64 3.16 -0.20	35.14 3.59 -2.34	38.64 3.85 -5.16	41.22 3.86 -5.93	47.25 3.74 -10.71	53.12 3.59 -16.04	66.07 3.42 -27.40	107.78 3.69 -63.48	249.66 4.53 -199.35	254.63 5.52 -193.39	270.48 6.80 -201.85	250.43 5.43 -187.21	241.18 4.73 -185.58	125.80 3.48 -82.27	52.73 3.29 -14.48	46.74 3.42 -9.80	41.47 2.98 -8.73
WADING RIVER_IC_2 23547	34.83 2.97 -5.28	30.59 2.72 -3.38	26.55 2.68 -1.34	23.91 2.56 -0.56	22.90 2.39 -0.61	25.40 2.51 -1.65	31.30 2.95 -3.77	28.64 3.16 -0.20	35.14 3.59 -2.34	38.64 3.85 -5.16	41.22 3.86 -5.93	47.25 3.74 -10.71	53.12 3.59 -16.04	66.07 3.42 -27.40	107.78 3.69 -63.48	249.66 4.53 -199.35	254.63 5.52 -193.39	270.48 6.80 -201.85	250.43 5.43 -187.21	241.18 4.73 -185.58	125.80 3.48 -82.27	52.73 3.29 -14.48	46.74 3.42 -9.80	41.47 2.98 -8.73
WADING RIVER_IC_3 23601	34.83 2.97 -5.28	30.59 2.72 -3.38	26.55 2.68 -1.34	23.91 2.56 -0.56	22.90 2.39 -0.61	25.40 2.51 -1.65	31.30 2.95 -3.77	28.64 3.16 -0.20	35.14 3.59 -2.34	38.64 3.85 -5.16	41.22 3.86 -5.93	47.25 3.74 -10.71	53.12 3.59 -16.04	66.07 3.42 -27.40	107.78 3.69 -63.48	249.66 4.53 -199.35	254.63 5.52 -193.39	270.48 6.80 -201.85	250.43 5.43 -187.21	241.18 4.73 -185.58	125.80 3.48 -82.27	52.73 3.29 -14.48	46.74 3.42 -9.80	41.47 2.98 -8.73
WALDENNY_I2_KV_BK2 80841	26.70 0.13 0.00	24.74 0.24 0.00	22.58 0.05 0.00	20.79 0.00 0.00	20.08 0.18 0.00	21.42 0.17 0.00	25.08 0.49 0.00	25.61 0.33 0.00	30.11 0.91 0.00	29.93 0.30 0.00	31.83 0.41 0.00	33.43 0.62 0.00	34.49 1.00 0.00	36.69 1.45 0.00	41.29 0.69 0.00	46.28 0.50 0.00	55.45 -0.28 0.00	61.64 -0.19 0.00	57.73 -0.06 0.00	51.23 0.36 0.00	40.65 0.60 0.00	36.05 1.08 0.00	35.17 1.64 0.00	30.92 1.16 0.00
WALDEN___HYDRO 24148	28.16 1.59 0.00	25.86 1.37 0.00	23.89 1.35 0.00	22.06 1.27 0.00	20.98 1.07 0.00	22.42 1.17 0.00	25.77 1.18 0.00	26.64 1.36 0.00	30.75 1.55 0.00	31.41 1.78 0.00	33.46 2.04 0.00	34.93 2.13 0.00	35.63 2.15 0.00	37.40 2.15 0.00	43.16 2.56 0.00	48.93 3.16 0.00	59.68 3.96 0.00	66.95 5.13 0.00	61.77 3.98 0.00	54.33 3.46 0.00	42.49 2.44 0.00	37.17 2.20 0.00	35.53 2.01 0.00	31.43 1.67 0.00
WARRENSBURG____ 23737	29.05 1.49 -1.00	25.86 1.37 0.00	23.86 1.33 0.00	21.98 1.18 0.00	21.04 1.13 0.00	22.50 1.25 0.00	26.84 1.40 -0.85	26.67 1.39 0.00	30.96 1.75 0.00	31.50 1.87 0.00	33.42 1.98 -0.02	34.87 2.07 0.00	37.30 1.71 -2.11	38.69 1.97 -1.47	47.16 2.39 -4.16	55.31 2.84 -6.70	59.26 3.51 -0.02	66.46 4.64 0.00	62.06 4.28 0.00	54.84 3.97 0.00	43.57 3.53 0.00	37.87 2.90 0.00	35.97 2.45 0.00	31.67 1.91 0.00
WATERSIDE___6 8 9 23538	28.56 1.99 0.00	26.21 1.71 0.00	24.13 1.60 0.00	22.27 1.48 0.00	21.18 1.27 0.00	22.65 1.40 0.00	26.01 1.43 0.00	26.97 1.69 0.00	31.34 2.13 0.00	32.09 2.46 0.00	34.19 2.76 -0.01	35.66 2.85 -0.01	36.23 2.75 0.00	37.95 2.71 0.01	43.61 3.00 0.00	49.43 3.66 0.01	50.94 4.57 9.35	66.89 5.07 0.01	50.21 4.28 11.85	43.69 3.36 10.54	42.57 2.52 0.00	37.30 2.34 0.01	35.69 2.41 0.25	31.81 2.05 0.00
WATKINRD_115KV_LN8_ILLION 55919	26.51 -0.05 0.00	24.42 -0.07 0.00	22.47 -0.07 0.00	20.73 -0.06 0.00	19.83 -0.08 0.00	21.16 -0.08 0.00	24.49 -0.10 0.00	25.18 -0.10 0.00	29.09 -0.12 0.00	29.54 -0.09 0.00	31.45 0.03 0.00	32.83 0.03 0.00	33.52 0.03 0.00	35.28 0.04 0.00	40.48 -0.12 0.00	45.59 -0.18 0.00	55.56 -0.17 0.00	61.76 -0.06 0.00	57.73 -0.06 0.00	50.87 0.00 0.00	40.05 0.00 0.00	35.00 0.03 0.00	33.49 -0.03 0.00	29.70 -0.06 0.00
WATSON___69_KV_BK 1 55734	35.20 3.35 -5.28	30.91 3.04 -3.38	26.71 2.84 -1.33	23.97 2.62 -0.56	22.89 2.41 -0.58	25.50 2.61 -1.64	31.25 2.93 -3.74	28.54 3.08 -0.18	34.23 3.62 -1.41	37.61 3.91 -4.07	40.58 4.12 -5.05	51.23 4.23 -14.20	53.11 4.22 -15.41	56.69 4.16 -17.28	82.32 4.47 -37.25	154.46 5.45 -103.23	161.99 6.80 -99.47	174.76 7.79 -105.15	163.94 6.82 -99.34	149.79 5.75 -93.17	87.43 4.45 -42.94	48.25 3.92 -9.36	52.39 4.02 -14.84	41.88 3.54 -8.58
WDELAWARE___HYD 323627	28.19 1.62 0.00	25.89 1.40 0.00	23.89 1.35 0.00	22.04 1.25 0.00	20.96 1.05 0.00	22.37 1.13 0.00	25.77 1.18 0.00	26.62 1.34 0.00	30.72 1.52 0.00	31.35 1.72 0.00	33.46 2.04 0.00	35.00 2.20 0.00	35.73 2.24 0.00	37.36 2.11 0.00	43.16 2.56 0.00	48.93 3.16 0.00	59.79 4.07 0.00	67.08 5.25 0.00	61.95 4.16 0.00	54.43 3.56 0.00	42.53 2.48 0.00	37.21 2.24 0.00	35.53 2.01 0.00	31.43 1.67 0.00
WEST BABYLON___IC 23714	34.93 3.08 -5.28	30.66 2.79 -3.38	26.48 2.61 -1.33	23.76 2.41 -0.55	22.67 2.21 -0.56	25.29 2.40 -1.64	30.98 2.68 -3.72	28.26 2.83 -0.15	33.23 3.33 -0.69	36.49 3.61 -3.24	39.65 3.86 -4.37	45.81 3.94 -9.07	45.65 3.92 -8.24	48.70 3.88 -9.57	62.02 4.14 -17.28	80.86 5.04 -30.04	89.97 6.30 -27.95	100.57 7.23 -31.51	96.51 6.30 -32.43	78.97 5.29 -22.81	57.12 4.09 -12.99	44.07 3.64 -5.47	46.01 3.79 -8.70	40.16 3.30 -7.10
WEST CANADA___HYD 24049	26.59 0.03 0.00	24.49 0.00 0.00	22.53 0.00 0.00	20.79 0.00 0.00	19.91 0.00 0.00	21.25 0.00 0.00	24.59 0.00 0.00	25.28 0.00 0.00	29.21 0.00 0.00	29.66 0.03 0.00	31.51 0.09 0.00	32.87 0.07 0.00	33.56 0.07 0.00	35.28 0.04 0.00	40.64 0.04 0.00	45.87 0.09 0.00	55.84 0.11 0.00	62.07 0.25 0.00	57.90 0.12 0.00	51.02 0.15 0.00	40.13 0.08 0.00	35.04 0.07 0.00	33.59 0.07 0.00	29.79 0.03 0.00



WESTERN_NY_WIND 24143	27.13 0.56 0.00	25.18 0.68 0.00	22.80 0.27 0.00	20.98 0.19 0.00	20.24 0.34 0.00	21.61 0.36 0.00	25.64 1.06 0.00	25.81 0.53 0.00	30.29 1.08 0.00	30.07 0.45 0.00	32.24 0.82 0.00	33.59 0.79 0.00	34.73 1.24 0.00	36.59 1.34 0.00	41.62 1.02 0.00	46.64 0.87 0.00	56.06 0.34 0.00	62.81 0.99 0.00	58.42 0.64 0.00	52.19 1.32 0.00	41.65 1.60 0.00	36.51 1.54 0.00	35.70 2.18 0.00	31.31 1.55 0.00
WESTOVER___LESR 323668	26.94 0.37 0.00	24.86 0.37 0.00	22.80 0.27 0.00	21.04 0.25 0.00	20.20 0.30 0.00	21.57 0.32 0.00	25.05 0.47 0.00	25.78 0.51 0.00	29.97 0.76 0.00	30.19 0.56 0.00	32.21 0.79 0.00	33.72 0.92 0.00	34.53 1.04 0.00	36.45 1.20 0.00	41.70 1.10 0.00	47.01 1.24 0.00	57.06 1.34 0.00	63.37 1.55 0.00	59.17 1.39 0.00	52.19 1.32 0.00	41.21 1.16 0.00	36.16 1.19 0.00	34.66 1.14 0.00	30.68 0.92 0.00
WETHRSFD_WT_PWR 323626	26.78 0.21 0.00	24.84 0.34 0.00	22.51 -0.02 0.00	20.77 -0.02 0.00	20.03 0.12 0.00	21.40 0.15 0.00	25.25 0.66 0.00	25.56 0.28 0.00	29.99 0.79 0.00	29.86 0.24 0.00	31.99 0.57 0.00	33.29 0.49 0.00	34.36 0.87 0.00	36.13 0.88 0.00	40.92 0.32 0.00	46.01 0.23 0.00	55.22 -0.50 0.00	61.82 0.00 0.00	57.38 -0.40 0.00	51.33 0.46 0.00	40.97 0.92 0.00	35.98 1.01 0.00	35.03 1.51 0.00	30.86 1.10 0.00
WHAVSTOR_138KV_BK127 55557	28.16 1.59 0.00	25.87 1.37 0.00	23.86 1.33 0.00	22.04 1.25 0.00	21.00 1.09 0.00	22.44 1.19 0.00	25.84 1.25 0.00	26.72 1.44 0.00	30.90 1.69 0.00	31.55 1.93 0.00	33.62 2.20 0.00	35.10 2.30 0.00	35.73 2.24 0.00	37.40 2.15 0.00	43.08 2.48 0.00	48.80 3.02 0.00	59.57 3.84 0.00	66.21 4.39 0.00	61.37 3.58 0.00	53.72 2.85 0.00	42.17 2.12 0.00	36.93 1.96 0.00	35.40 1.88 0.00	31.43 1.67 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	28.16 1.59 0.00	25.87 1.37 0.00	23.86 1.33 0.00	22.04 1.25 0.00	21.00 1.09 0.00	22.44 1.19 0.00	25.84 1.25 0.00	26.72 1.44 0.00	30.90 1.69 0.00	31.55 1.93 0.00	33.62 2.20 0.00	35.10 2.30 0.00	35.73 2.24 0.00	37.40 2.15 0.00	43.08 2.48 0.00	48.80 3.02 0.00	59.57 3.84 0.00	66.21 4.39 0.00	61.37 3.58 0.00	53.72 2.85 0.00	42.17 2.12 0.00	36.93 1.96 0.00	35.40 1.88 0.00	31.43 1.67 0.00
WHITEHAL_115KV_TB1 80871	30.00 2.34 -1.10	26.60 2.11 0.00	24.52 1.98 0.00	22.54 1.75 0.00	21.62 1.71 0.00	23.14 1.89 0.00	27.74 2.21 -0.94	27.45 2.17 0.00	31.92 2.72 0.00	32.44 2.81 0.00	34.43 2.98 -0.02	35.95 3.15 0.00	38.76 2.95 -2.32	40.22 3.35 -1.62	49.33 4.14 -4.59	57.97 4.81 -7.39	61.66 5.91 -0.02	68.87 7.05 0.00	64.60 6.82 0.00	57.13 6.26 0.00	45.58 5.53 0.00	39.52 4.55 0.00	37.38 3.86 0.00	32.77 3.01 0.00
WHITEPLN_13_KV_LOAD 356215	28.48 1.91 0.00	26.16 1.67 0.00	24.11 1.58 0.00	22.27 1.48 0.00	21.20 1.29 0.00	22.67 1.42 0.00	26.14 1.55 0.00	27.07 1.79 0.00	31.34 2.13 0.00	32.03 2.40 0.00	34.34 2.92 0.00	35.82 3.02 0.00	36.67 3.18 0.00	38.42 3.17 0.00	43.93 3.33 0.00	49.85 4.07 0.00	60.85 5.13 0.00	67.64 5.81 0.00	62.64 4.85 0.00	54.79 3.92 0.00	42.97 2.92 0.00	37.49 2.52 0.00	35.94 2.41 0.00	31.81 2.05 0.00
WM_FLOYD_69_KV_BK2 356380	34.96 3.11 -5.28	30.71 2.84 -3.38	26.58 2.70 -1.34	23.91 2.56 -0.56	22.88 2.37 -0.61	25.42 2.53 -1.65	31.28 2.93 -3.77	28.54 3.06 -0.20	35.11 3.53 -2.37	38.62 3.79 -5.20	41.25 3.86 -5.96	43.82 3.77 -7.25	53.52 3.78 -16.24	66.71 3.74 -27.73	108.90 3.98 -64.32	253.04 4.85 -202.41	258.18 6.07 -196.39	273.62 6.86 -204.93	253.75 5.95 -190.01	244.48 5.09 -188.52	127.46 3.88 -83.52	53.11 3.50 -14.64	46.92 3.49 -9.91	41.72 3.18 -8.78
WOODARD___115KV_TB2 355635	26.27 -0.29 0.00	24.22 -0.27 0.00	22.26 -0.27 0.00	20.54 -0.25 0.00	19.69 -0.22 0.00	21.01 -0.23 0.00	24.39 -0.20 0.00	25.13 -0.15 0.00	29.15 -0.06 0.00	29.42 -0.21 0.00	31.39 -0.03 0.00	32.83 0.03 0.00	33.59 0.10 0.00	35.42 0.18 0.00	40.68 0.08 0.00	45.87 0.09 0.00	55.78 0.06 0.00	61.95 0.12 0.00	57.84 0.06 0.00	50.97 0.10 0.00	40.17 0.12 0.00	35.14 0.17 0.00	33.66 0.13 0.00	29.76 0.00 0.00
YORK___WARBASSE 23770	28.75 2.18 -0.01	26.33 1.84 0.00	24.25 1.71 0.00	22.35 1.56 0.00	21.24 1.33 0.00	22.67 1.42 0.00	26.01 1.43 0.00	27.00 1.72 0.00	31.45 2.25 0.00	32.21 2.58 0.00	34.41 2.98 -0.01	35.89 3.08 -0.01	36.44 2.95 0.00	38.30 3.00 -0.06	43.85 3.25 0.00	49.82 3.98 -0.06	77.48 5.02 -16.74	76.43 5.56 -9.04	76.92 4.68 -14.46	73.54 3.76 -18.90	42.85 2.80 0.00	37.65 2.62 -0.06	37.95 2.68 -1.74	32.01 2.23 -0.02