

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

03/14/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	39.54	37.96	35.88	35.93	37.54	42.43	55.44	68.75	58.80	46.32	41.21	38.19	35.75	34.68	34.55	33.56	36.69	42.04	51.62	58.83	50.76	43.94	39.97	37.86
24138	1.66	1.60	1.38	1.45	1.55	1.87	2.69	3.77	3.69	2.95	2.73	2.36	2.21	2.18	2.16	2.17	2.34	2.79	3.51	4.00	3.41	2.99	2.41	2.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.56	-0.01	0.00	-1.49	-0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	39.62	38.04	36.01	36.00	37.69	42.51	55.60	68.69	58.75	46.41	41.22	38.59	35.86	34.75	35.49	33.81	36.79	42.12	51.71	58.94	50.85	44.03	40.08	37.86
24260	1.74	1.67	1.52	1.52	1.69	1.95	2.85	3.70	3.64	3.04	2.73	2.43	2.31	2.24	2.23	2.24	2.44	2.87	3.61	4.11	3.50	3.07	2.52	2.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.89	-0.02	0.00	-2.36	-0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	39.62	38.04	36.01	36.00	37.69	42.51	55.60	68.69	58.75	46.41	41.22	38.59	35.86	34.75	35.49	33.81	36.79	42.12	51.71	58.94	50.85	44.03	40.08	37.86
24261	1.74	1.67	1.52	1.52	1.69	1.95	2.85	3.70	3.64	3.04	2.73	2.43	2.31	2.24	2.23	2.24	2.44	2.87	3.61	4.11	3.50	3.07	2.52	2.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.89	-0.02	0.00	-2.36	-0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	39.05	37.49	35.56	35.56	37.26	42.11	55.18	68.04	57.43	44.85	40.27	36.75	34.73	33.61	31.99	32.27	35.83	41.37	51.33	58.39	50.33	43.66	39.89	37.72
24011	1.17	1.13	1.07	1.07	1.26	1.54	2.43	3.05	2.31	1.47	1.81	1.48	1.21	1.11	1.08	1.21	1.48	2.12	3.22	3.56	2.98	2.70	2.33	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
ADK RESOURCE___RCVRY	39.01	37.45	35.53	35.52	37.25	42.15	55.23	68.10	57.48	44.85	40.38	36.82	34.80	33.67	32.02	32.33	35.90	41.49	51.52	58.66	50.57	43.82	40.04	37.90
23798	1.14	1.09	1.03	1.03	1.26	1.58	2.48	3.12	2.37	1.48	1.92	1.55	1.27	1.17	1.11	1.27	1.55	2.24	3.42	3.84	3.22	2.87	2.48	2.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	39.05	37.49	35.56	35.56	37.26	42.11	55.18	68.04	57.43	44.85	40.27	36.75	34.73	33.61	31.99	32.27	35.83	41.37	51.33	58.39	50.33	43.66	39.89	37.72
24028	1.17	1.13	1.07	1.07	1.26	1.54	2.43	3.05	2.31	1.47	1.81	1.48	1.21	1.11	1.08	1.21	1.48	2.12	3.22	3.56	2.98	2.70	2.33	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
ADK_NYS___DAM	39.09	37.53	35.60	35.62	37.25	42.02	55.07	67.52	57.37	44.98	39.96	36.61	34.80	33.74	32.17	32.39	35.83	41.14	50.56	57.51	49.86	43.37	39.51	37.44
23527	1.21	1.16	1.10	1.14	1.26	1.46	2.32	2.53	2.26	1.61	1.50	1.34	1.27	1.23	1.27	1.33	1.48	1.88	2.45	2.69	2.51	2.42	1.95	1.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	38.86	37.31	35.39	35.38	37.00	41.70	54.44	66.93	56.88	44.67	39.58	36.32	34.50	33.48	31.86	32.02	35.45	40.59	49.93	56.86	49.20	42.68	38.99	36.87
24190	0.98	0.95	0.90	0.90	1.01	1.14	1.69	1.95	1.76	1.30	1.12	1.06	0.97	0.98	0.96	0.96	1.10	1.33	1.83	2.03	1.85	1.72	1.43	1.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	38.30	36.87	35.01	35.00	36.50	41.09	53.60	66.28	55.99	44.02	39.04	35.76	34.00	32.93	31.28	31.43	34.80	39.80	48.73	55.43	47.78	41.24	37.79	35.70
355683	0.42	0.51	0.52	0.52	0.50	0.53	0.84	1.30	0.88	0.65	0.58	0.49	0.47	0.42	0.37	0.37	0.45	0.55	0.63	0.60	0.43	0.29	0.23	0.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	39.17	37.60	35.67	35.66	37.33	42.07	55.02	67.59	57.04	44.54	39.35	36.01	34.20	33.15	31.59	31.80	35.28	40.59	50.08	57.18	49.43	42.84	39.21	37.12
323833	1.29	1.24	1.17	1.17	1.33	1.50	2.27	2.60	1.93	1.17	0.89	0.74	0.67	0.65	0.68	0.74	0.93	1.34	1.97	2.36	2.08	1.89	1.65	1.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	39.17	37.60	35.67	35.66	37.29	42.07	55.02	67.52	57.04	44.54	39.35	35.97	34.20	33.15	31.59	31.80	35.28	40.59	50.08	57.18	49.38	42.84	39.21	37.12
323834	1.29	1.24	1.17	1.17	1.29	1.50	2.27	2.53	1.93	1.17	0.89	0.71	0.67	0.65	0.68	0.74	0.93	1.34	1.97	2.36	2.03	1.89	1.65	1.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	38.86	37.31	35.39	35.38	37.00	41.70	54.44	66.93	56.88	44.67	39.58	36.32	34.50	33.48	31.86	32.02	35.45	40.59	49.93	56.86	49.20	42.68	38.99	36.87
23571	0.98	0.95	0.90	0.90	1.01	1.14	1.69	1.95	1.76	1.30	1.12	1.06	0.97	0.98	0.96	0.96	1.10	1.33	1.83	2.03	1.85	1.72	1.43	1.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	38.86 0.98 0.00	37.31 0.95 0.00	35.39 0.90 0.00	35.38 0.90 0.00	37.00 1.01 0.00	41.70 1.14 0.00	54.44 1.69 0.00	66.93 1.95 0.00	56.88 1.76 0.00	44.67 1.30 0.00	39.58 1.12 0.00	36.32 1.06 0.00	34.50 0.97 0.00	33.48 0.98 0.00	31.86 0.96 0.00	32.02 0.96 0.00	35.45 1.10 0.00	40.59 1.33 0.00	49.93 1.83 0.00	56.86 2.03 0.00	49.20 1.85 0.00	42.68 1.72 0.00	38.99 1.43 0.00	36.87 1.32 0.00
ALBANY___3 23573	38.86 0.98 0.00	37.31 0.95 0.00	35.39 0.90 0.00	35.38 0.90 0.00	37.00 1.01 0.00	41.70 1.14 0.00	54.44 1.69 0.00	66.93 1.95 0.00	56.88 1.76 0.00	44.67 1.30 0.00	39.58 1.12 0.00	36.32 1.06 0.00	34.50 0.97 0.00	33.48 0.98 0.00	31.86 0.96 0.00	32.02 0.96 0.00	35.45 1.10 0.00	40.59 1.33 0.00	49.93 1.83 0.00	56.86 2.03 0.00	49.20 1.85 0.00	42.68 1.72 0.00	38.99 1.43 0.00	36.87 1.32 0.00
ALBANY___4 23574	38.86 0.98 0.00	37.31 0.95 0.00	35.39 0.90 0.00	35.38 0.90 0.00	37.00 1.01 0.00	41.70 1.14 0.00	54.44 1.69 0.00	66.93 1.95 0.00	56.88 1.76 0.00	44.67 1.30 0.00	39.58 1.12 0.00	36.32 1.06 0.00	34.50 0.97 0.00	33.48 0.98 0.00	31.86 0.96 0.00	32.02 0.96 0.00	35.45 1.10 0.00	40.59 1.33 0.00	49.93 1.83 0.00	56.86 2.03 0.00	49.20 1.85 0.00	42.68 1.72 0.00	38.99 1.43 0.00	36.87 1.32 0.00
ALBANY___LFGE 323615	39.01 1.14 0.00	37.45 1.09 0.00	35.53 1.03 0.00	35.52 1.03 0.00	37.15 1.15 0.00	41.90 1.34 0.00	54.65 1.90 0.00	67.26 2.27 0.00	57.15 2.04 0.00	44.89 1.52 0.00	39.81 1.35 0.00	36.47 1.20 0.00	34.63 1.10 0.00	33.57 1.07 0.00	31.96 1.05 0.00	32.14 1.09 0.00	35.59 1.23 0.00	40.74 1.49 0.00	50.13 2.02 0.00	57.13 2.30 0.00	49.38 2.03 0.00	42.84 1.89 0.00	39.18 1.61 0.00	37.08 1.53 0.00
ALCOA_PA_115KV_PL-6C 55860	38.37 0.49 0.00	36.95 0.58 0.00	35.08 0.59 0.00	35.11 0.62 0.00	36.57 0.58 0.00	41.17 0.61 0.00	53.75 1.00 0.00	66.48 1.49 0.00	56.10 0.99 0.00	44.06 0.69 0.00	39.08 0.62 0.00	35.80 0.53 0.00	34.00 0.47 0.00	32.96 0.46 0.00	31.28 0.37 0.00	31.46 0.40 0.00	34.83 0.48 0.00	39.84 0.59 0.00	48.83 0.72 0.00	55.54 0.71 0.00	47.82 0.47 0.00	41.28 0.33 0.00	37.83 0.26 0.00	35.73 0.18 0.00
ALCOA_RYNLDS___DRP 24188	38.37 0.49 0.00	36.95 0.58 0.00	35.08 0.59 0.00	35.11 0.62 0.00	36.57 0.58 0.00	41.17 0.61 0.00	53.75 1.00 0.00	66.48 1.49 0.00	56.10 0.99 0.00	44.06 0.69 0.00	39.08 0.62 0.00	35.80 0.53 0.00	34.00 0.47 0.00	32.96 0.46 0.00	31.28 0.37 0.00	31.46 0.40 0.00	34.83 0.48 0.00	39.84 0.59 0.00	48.83 0.72 0.00	55.54 0.71 0.00	47.82 0.47 0.00	41.28 0.33 0.00	37.83 0.26 0.00	35.73 0.18 0.00
ALCOA___DSASP 323711	38.37 0.49 0.00	36.94 0.58 0.00	35.08 0.59 0.00	35.11 0.62 0.00	36.57 0.57 0.00	41.18 0.61 0.00	53.75 1.00 0.00	66.48 1.50 0.00	56.11 0.99 0.00	44.06 0.69 0.00	39.07 0.61 0.00	35.76 0.49 0.00	34.00 0.47 0.00	32.96 0.45 0.00	31.28 0.37 0.00	31.46 0.40 0.00	34.83 0.48 0.00	39.84 0.59 0.00	48.83 0.72 0.00	55.54 0.71 0.00	47.82 0.47 0.00	41.28 0.33 0.00	37.83 0.26 0.00	35.73 0.18 0.00
ALLEGHENY___COGEN 23514	38.56 0.68 0.00	36.80 0.44 0.00	34.88 0.38 0.00	34.80 0.31 0.00	36.10 0.11 0.00	40.73 0.16 0.00	52.70 -0.05 0.00	64.40 -0.59 0.00	53.29 -1.82 0.00	41.94 -1.43 0.00	36.46 -2.00 0.00	33.43 -1.84 0.00	31.65 -1.88 0.00	30.62 -1.89 0.00	28.96 -1.95 0.00	29.19 -1.86 0.00	32.39 -1.96 0.00	37.25 -2.00 0.00	45.70 -2.40 0.00	52.68 -2.19 -0.04	48.43 -1.70 -2.78	40.66 -1.97 -1.67	36.06 -1.50 0.00	34.03 -1.53 0.00
ALTAMONT_115KV_TB 2 55880	38.67 0.80 0.00	37.09 0.73 0.00	35.22 0.72 0.00	35.18 0.69 0.00	36.79 0.79 0.00	41.46 0.89 0.00	54.12 1.37 0.00	66.54 1.56 0.00	56.49 1.38 0.00	44.41 1.04 0.00	39.38 0.92 0.00	36.11 0.85 0.00	34.33 0.80 0.00	33.28 0.78 0.00	31.71 0.80 0.00	31.86 0.81 0.00	35.24 0.89 0.00	40.39 1.14 0.00	49.60 1.49 0.00	56.58 1.75 0.00	48.91 1.56 0.00	42.39 1.43 0.00	38.73 1.16 0.00	36.66 1.10 0.00
ALTONA_WT_PWR 323606	38.94 1.06 0.00	37.64 1.27 0.00	35.77 1.28 0.00	35.83 1.34 0.00	37.36 1.37 0.00	42.11 1.54 0.00	55.02 2.27 0.00	68.30 3.31 0.00	57.59 2.48 0.00	45.37 2.00 0.00	40.27 1.81 0.00	36.85 1.59 0.00	35.00 1.47 0.00	33.93 1.43 0.00	32.20 1.30 0.00	32.36 1.30 0.00	35.79 1.44 0.00	40.94 1.69 0.00	49.98 1.87 0.00	56.63 1.81 0.00	48.53 1.18 0.00	41.73 0.78 0.00	38.09 0.53 0.00	35.84 0.28 0.00
AMERICAN_REF_FUEL 24010	36.14 -1.74 0.00	34.18 -2.18 0.00	32.46 -2.04 0.00	32.35 -2.14 0.00	33.44 -2.55 0.00	37.61 -2.96 0.00	47.95 -4.80 0.00	58.09 -6.89 0.00	48.72 -6.39 0.00	39.42 -3.95 0.00	34.46 -4.00 0.00	31.88 -3.39 0.00	30.14 -3.38 0.00	29.28 -3.22 0.00	27.69 -3.21 0.00	27.80 -3.26 0.00	30.57 -3.78 0.00	34.46 -4.79 0.00	41.52 -6.59 0.00	47.20 -7.62 0.01	39.60 -6.44 1.31	34.65 -5.53 0.77	33.21 -4.36 0.00	31.47 -4.09 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	38.71 0.83 0.00	36.62 0.26 0.00	34.67 0.17 0.00	34.38 -0.10 0.00	35.35 -0.65 0.00	39.67 -0.89 0.00	50.96 -1.79 0.00	62.13 -2.86 0.00	51.86 -3.25 0.00	41.85 -1.52 0.00	36.77 -1.69 0.00	33.93 -1.34 0.00	32.15 -1.38 0.00	31.14 -1.36 0.00	29.36 -1.54 0.00	29.38 -1.68 0.00	32.19 -2.16 0.00	36.19 -3.06 0.00	43.34 -4.76 0.00	49.01 -5.81 0.00	40.51 -5.87 0.97	35.26 -5.12 0.57	33.73 -3.83 0.00	32.07 -3.48 0.00
ARTHUR KILL_GT_1 23520	55.33 2.04 -15.41	55.29 1.93 -17.00	50.53 1.76 -14.28	54.62 1.76 -18.38	55.33 1.91 -17.43	55.34 2.15 -12.63	56.15 2.74 -0.65	68.09 3.12 0.01	61.39 3.69 -2.59	58.01 3.03 -11.61	58.00 2.81 -16.74	57.99 2.29 -20.44	57.99 2.21 -22.25	59.18 2.05 -24.63	59.23 2.07 -26.25	59.24 2.11 -26.07	59.26 2.34 -22.57	60.19 2.95 -17.99	60.21 3.61 -8.50	63.21 4.16 -4.21	60.21 3.60 -9.27	60.19 3.23 -16.00	58.00 2.74 -17.70	55.29 2.56 -17.18
ARTHUR_KILL_2 23512	55.22 1.93 -15.41	55.22 1.85 -17.00	50.43 1.66 -14.28	54.52 1.66 -18.38	55.22 1.80 -17.43	55.22 2.03 -12.63	55.99 2.58 -0.65	67.97 2.99 0.01	61.28 3.58 -2.59	57.93 2.95 -11.61	57.89 2.69 -16.74	57.89 2.19 -20.44	57.89 2.11 -22.25	59.11 1.98 -24.63	59.14 1.98 -26.25	59.14 2.02 -26.07	59.15 2.23 -22.57	60.07 2.83 -17.99	60.07 3.47 -8.50	63.04 4.00 -4.21	60.07 3.45 -9.27	60.07 3.11 -16.00	57.89 2.63 -17.70	55.22 2.49 -17.18
ARTHUR_KILL_3 23513	54.61 1.33 -15.40	54.60 1.24 -16.99	49.87 1.10 -14.27	53.99 1.14 -18.37	54.67 1.26 -17.42	54.64 1.46 -12.62	55.56 2.16 -0.65	67.91 2.93 0.00	60.85 3.14 -2.60	57.50 2.51 -11.62	57.54 2.35 -16.73	57.74 2.04 -20.43	57.71 1.94 -22.24	59.01 1.88 -24.62	59.07 1.92 -26.25	59.04 1.93 -26.06	58.97 2.06 -22.56	59.64 2.39 -18.00	59.69 3.08 -8.51	62.56 3.51 -4.22	59.61 2.98 -9.27	59.57 2.62 -15.99	57.36 2.10 -17.69	54.75 2.03 -17.17

ARTHUR_KILL_COGEN 323718	55.33 2.04 -15.41	55.29 1.93 -17.00	50.53 1.76 -14.28	54.62 1.76 -18.38	55.33 1.91 -17.43	55.34 2.15 -12.63	56.15 2.74 -0.65	68.09 3.12 0.01	61.39 3.69 -2.59	58.01 3.03 -11.61	58.00 2.81 -16.74	57.99 2.29 -20.44	57.99 2.21 -22.25	59.18 2.05 -24.63	59.23 2.07 -26.25	59.24 2.11 -26.07	59.26 2.34 -22.57	60.19 2.95 -17.99	60.21 3.61 -8.50	63.21 4.16 -4.21	60.21 3.60 -9.27	60.19 3.23 -16.00	58.00 2.74 -17.70	55.29 2.56 -17.18
ASHOKAN____ 23654	39.88 2.01 0.00	38.22 1.85 0.00	36.25 1.76 0.00	36.24 1.76 0.00	38.01 2.01 0.00	42.88 2.31 0.00	56.55 3.80 0.00	69.72 4.74 0.00	58.64 3.53 0.00	45.67 2.30 0.00	40.15 1.69 0.00	36.64 1.37 0.00	34.80 1.27 0.00	33.80 1.30 0.00	32.23 1.33 0.00	32.46 1.40 0.00	36.10 1.75 0.00	41.49 2.24 0.00	50.94 2.84 0.00	58.66 3.84 0.00	50.52 3.17 0.00	43.70 2.74 0.00	39.89 2.33 0.00	37.90 2.35 0.00
ASTORIA_EAST_ENERGY_CC1 323581	39.44 1.55 -0.01	37.93 1.56 -0.01	35.92 1.41 -0.01	35.88 1.38 -0.01	37.55 1.55 -0.01	42.20 1.62 -0.01	55.02 2.27 0.00	67.83 2.86 0.01	58.47 3.36 0.01	46.18 2.82 0.01	41.17 2.69 -0.01	38.41 2.40 -0.74	35.82 2.28 -0.01	34.71 2.21 0.01	35.09 2.23 -1.95	33.73 2.24 -0.44	36.71 2.37 0.01	41.99 2.75 0.01	51.37 3.27 0.01	58.49 3.67 0.01	50.51 3.17 0.01	43.77 2.82 0.01	39.90 2.33 -0.01	37.80 2.24 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	39.44 1.55 -0.01	37.93 1.56 -0.01	35.92 1.41 -0.01	35.88 1.38 -0.01	37.55 1.55 -0.01	42.20 1.62 -0.01	55.02 2.27 0.00	67.83 2.86 0.01	58.47 3.36 0.01	46.18 2.82 0.01	41.17 2.69 -0.01	38.41 2.40 -0.74	35.78 2.25 -0.01	34.71 2.21 0.01	35.05 2.19 -1.95	33.73 2.24 -0.44	36.71 2.37 0.01	41.99 2.75 0.01	51.37 3.27 0.01	58.55 3.73 0.01	50.51 3.17 0.01	43.77 2.82 0.01	39.90 2.33 -0.01	37.80 2.24 -0.01
ASTORIA_GT2_1 24094	39.48 1.59 -0.01	37.94 1.56 -0.01	35.92 1.41 -0.01	35.84 1.34 -0.01	37.55 1.55 -0.01	42.24 1.66 -0.01	55.02 2.27 0.00	67.91 2.92 0.00	58.25 3.14 0.00	46.23 2.86 0.00	41.13 2.65 -0.01	38.41 2.40 -0.74	35.81 2.28 -0.01	34.71 2.21 0.01	35.09 2.23 -1.95	33.73 2.24 -0.44	36.75 2.40 0.01	41.99 2.75 0.01	51.42 3.32 0.00	58.56 3.73 0.00	50.57 3.22 0.00	43.82 2.87 0.00	39.90 2.33 -0.01	37.69 2.13 -0.01
ASTORIA_GT2_2 24095	39.48 1.59 -0.01	37.94 1.56 -0.01	35.92 1.41 -0.01	35.84 1.34 -0.01	37.55 1.55 -0.01	42.24 1.66 -0.01	55.02 2.27 0.00	67.91 2.92 0.00	58.25 3.14 0.00	46.23 2.86 0.00	41.13 2.65 -0.01	38.41 2.40 -0.74	35.81 2.28 -0.01	34.71 2.21 0.01	35.09 2.23 -1.95	33.73 2.24 -0.44	36.75 2.40 0.01	41.99 2.75 0.01	51.42 3.32 0.00	58.56 3.73 0.00	50.57 3.22 0.00	43.82 2.87 0.00	39.90 2.33 -0.01	37.69 2.13 -0.01
ASTORIA_GT2_3 24096	39.48 1.59 -0.01	37.94 1.56 -0.01	35.92 1.41 -0.01	35.84 1.34 -0.01	37.55 1.55 -0.01	42.24 1.66 -0.01	55.02 2.27 0.00	67.91 2.92 0.00	58.25 3.14 0.00	46.23 2.86 0.00	41.13 2.65 -0.01	38.41 2.40 -0.74	35.81 2.28 -0.01	34.71 2.21 0.01	35.09 2.23 -1.95	33.73 2.24 -0.44	36.75 2.40 0.01	41.99 2.75 0.01	51.42 3.32 0.00	58.56 3.73 0.00	50.57 3.22 0.00	43.82 2.87 0.00	39.90 2.33 -0.01	37.69 2.13 -0.01
ASTORIA_GT2_4 24097	39.48 1.59 -0.01	37.94 1.56 -0.01	35.92 1.41 -0.01	35.84 1.34 -0.01	37.55 1.55 -0.01	42.24 1.66 -0.01	55.02 2.27 0.00	67.91 2.92 0.00	58.25 3.14 0.00	46.23 2.86 0.00	41.13 2.65 -0.01	38.41 2.40 -0.74	35.81 2.28 -0.01	34.71 2.21 0.01	35.09 2.23 -1.95	33.73 2.24 -0.44	36.75 2.40 0.01	41.99 2.75 0.01	51.42 3.32 0.00	58.56 3.73 0.00	50.57 3.22 0.00	43.82 2.87 0.00	39.90 2.33 -0.01	37.69 2.13 -0.01
ASTORIA_GT3_1 24098	39.48 1.59 -0.01	37.94 1.56 -0.01	35.92 1.41 -0.01	35.84 1.34 -0.01	37.55 1.55 -0.01	42.24 1.66 -0.01	55.02 2.27 0.00	67.91 2.92 0.00	58.25 3.14 0.00	46.23 2.86 0.00	41.13 2.65 -0.01	38.41 2.40 -0.74	35.81 2.28 -0.01	34.71 2.21 0.01	35.09 2.23 -1.95	33.73 2.24 -0.44	36.75 2.40 0.01	41.99 2.75 0.01	51.42 3.32 0.00	58.56 3.73 0.00	50.57 3.22 0.00	43.82 2.87 0.00	39.90 2.33 -0.01	37.69 2.13 -0.01
ASTORIA_GT3_2 24099	39.48 1.59 -0.01	37.94 1.56 -0.01	35.92 1.41 -0.01	35.84 1.34 -0.01	37.55 1.55 -0.01	42.24 1.66 -0.01	55.02 2.27 0.00	67.91 2.92 0.00	58.25 3.14 0.00	46.23 2.86 0.00	41.13 2.65 -0.01	38.41 2.40 -0.74	35.81 2.28 -0.01	34.71 2.21 0.01	35.09 2.23 -1.95	33.73 2.24 -0.44	36.75 2.40 0.01	41.99 2.75 0.01	51.42 3.32 0.00	58.56 3.73 0.00	50.57 3.22 0.00	43.82 2.87 0.00	39.90 2.33 -0.01	37.69 2.13 -0.01
ASTORIA_GT3_3 24100	39.48 1.59 -0.01	37.94 1.56 -0.01	35.92 1.41 -0.01	35.84 1.34 -0.01	37.55 1.55 -0.01	42.24 1.66 -0.01	55.02 2.27 0.00	67.91 2.92 0.00	58.25 3.14 0.00	46.23 2.86 0.00	41.13 2.65 -0.01	38.41 2.40 -0.74	35.81 2.28 -0.01	34.71 2.21 0.01	35.09 2.23 -1.95	33.73 2.24 -0.44	36.75 2.40 0.01	41.99 2.75 0.01	51.42 3.32 0.00	58.56 3.73 0.00	50.57 3.22 0.00	43.82 2.87 0.00	39.90 2.33 -0.01	37.69 2.13 -0.01
ASTORIA_GT3_4 24101	39.48 1.59 -0.01	37.94 1.56 -0.01	35.92 1.41 -0.01	35.84 1.34 -0.01	37.55 1.55 -0.01	42.24 1.66 -0.01	55.02 2.27 0.00	67.91 2.92 0.00	58.25 3.14 0.00	46.23 2.86 0.00	41.13 2.65 -0.01	38.41 2.40 -0.74	35.81 2.28 -0.01	34.71 2.21 0.01	35.09 2.23 -1.95	33.73 2.24 -0.44	36.75 2.40 0.01	41.99 2.75 0.01	51.42 3.32 0.00	58.56 3.73 0.00	50.57 3.22 0.00	43.82 2.87 0.00	39.90 2.33 -0.01	37.69 2.13 -0.01
ASTORIA_GT4_1 24102	39.48 1.59 -0.01	37.94 1.56 -0.01	35.92 1.41 -0.01	35.84 1.34 -0.01	37.55 1.55 -0.01	42.24 1.66 -0.01	55.02 2.27 0.00	67.91 2.92 0.00	58.25 3.14 0.00	46.23 2.86 0.00	41.13 2.65 -0.01	38.41 2.40 -0.74	35.81 2.28 -0.01	34.71 2.21 0.01	35.09 2.23 -1.95	33.73 2.24 -0.44	36.75 2.40 0.01	41.99 2.75 0.01	51.42 3.32 0.00	58.56 3.73 0.00	50.57 3.22 0.00	43.82 2.87 0.00	39.90 2.33 -0.01	37.69 2.13 -0.01
ASTORIA_GT4_2 24103	39.48 1.59 -0.01	37.94 1.56 -0.01	35.92 1.41 -0.01	35.84 1.34 -0.01	37.55 1.55 -0.01	42.24 1.66 -0.01	55.02 2.27 0.00	67.91 2.92 0.00	58.25 3.14 0.00	46.23 2.86 0.00	41.13 2.65 -0.01	38.41 2.40 -0.74	35.81 2.28 -0.01	34.71 2.21 0.01	35.09 2.23 -1.95	33.73 2.24 -0.44	36.75 2.40 0.01	41.99 2.75 0.01	51.42 3.32 0.00	58.56 3.73 0.00	50.57 3.22 0.00	43.82 2.87 0.00	39.90 2.33 -0.01	37.69 2.13 -0.01
ASTORIA_GT4_3 24104	39.48 1.59 -0.01	37.94 1.56 -0.01	35.92 1.41 -0.01	35.84 1.34 -0.01	37.55 1.55 -0.01	42.24 1.66 -0.01	55.02 2.27 0.00	67.91 2.92 0.00	58.25 3.14 0.00	46.23 2.86 0.00	41.13 2.65 -0.01	38.41 2.40 -0.74	35.81 2.28 -0.01	34.71 2.21 0.01	35.09 2.23 -1.95	33.73 2.24 -0.44	36.75 2.40 0.01	41.99 2.75 0.01	51.42 3.32 0.00	58.56 3.73 0.00	50.57 3.22 0.00	43.82 2.87 0.00	39.90 2.33 -0.01	37.69 2.13 -0.01

ASTORIA_GT4_4 24105	39.48 1.59 -0.01	37.94 1.56 -0.01	35.92 1.41 -0.01	35.84 1.34 -0.01	37.55 1.55 -0.01	42.24 1.66 -0.01	55.02 2.27 0.00	67.91 2.92 0.00	58.25 3.14 0.00	46.23 2.86 0.00	41.13 2.65 -0.01	38.41 2.40 -0.74	35.81 2.28 -0.01	34.71 2.21 0.01	35.09 2.23 -1.95	33.73 2.24 -0.44	36.75 2.40 0.01	41.99 2.75 0.01	51.42 3.32 0.00	58.56 3.73 0.00	50.57 3.22 0.00	43.82 2.87 0.00	39.90 2.33 -0.01	37.69 2.13 -0.01
ASTORIA_GT_1 23523	39.51 1.63 -0.01	38.01 1.64 -0.01	35.95 1.45 -0.01	35.94 1.45 -0.01	37.59 1.58 -0.01	42.28 1.70 -0.01	55.13 2.38 0.00	68.03 3.05 0.01	58.58 3.47 0.01	46.31 2.95 0.01	41.28 2.81 -0.01	38.48 2.47 -0.74	35.88 2.35 -0.01	34.77 2.27 0.01	35.15 2.29 -1.95	33.79 2.30 -0.44	36.78 2.44 0.01	42.07 2.83 0.01	51.51 3.42 0.01	58.66 3.84 0.01	50.61 3.26 0.01	43.86 2.91 0.01	39.98 2.41 -0.01	37.87 2.31 -0.01
ASTORIA_GT_10 24110	39.67 1.78 -0.01	38.05 1.67 -0.01	36.02 1.52 -0.01	36.37 1.52 -0.37	37.70 1.69 -0.01	42.94 1.91 -0.47	55.34 2.58 0.00	68.23 3.25 0.00	58.47 3.36 0.00	46.28 2.91 0.00	42.04 2.65 -0.93	41.31 2.36 -3.68	38.50 2.25 -2.72	38.65 2.18 -3.97	38.36 2.19 -5.26	37.69 2.21 -4.43	40.39 2.40 -3.64	44.23 2.79 -2.19	51.52 3.42 0.00	58.72 3.89 0.00	50.66 3.31 0.00	43.95 2.99 0.00	40.74 2.52 -0.66	38.50 2.31 -0.64
ASTORIA_GT_11 24225	39.67 1.78 -0.01	38.05 1.67 -0.01	36.02 1.52 -0.01	36.37 1.52 -0.37	37.70 1.69 -0.01	42.94 1.91 -0.47	55.34 2.58 0.00	68.23 3.25 0.00	58.47 3.36 0.00	46.28 2.91 0.00	42.04 2.65 -0.93	41.31 2.36 -3.68	38.50 2.25 -2.72	38.65 2.18 -3.97	38.36 2.19 -5.26	37.69 2.21 -4.43	40.39 2.40 -3.64	44.23 2.79 -2.19	51.52 3.42 0.00	58.72 3.89 0.00	50.66 3.31 0.00	43.95 2.99 0.00	40.74 2.52 -0.66	38.50 2.31 -0.64
ASTORIA_GT_12 24226	39.67 1.78 -0.01	38.05 1.67 -0.01	36.02 1.52 -0.01	36.37 1.52 -0.37	37.70 1.69 -0.01	42.94 1.91 -0.47	55.34 2.58 0.00	68.23 3.25 0.00	58.47 3.36 0.00	46.28 2.91 0.00	42.04 2.65 -0.93	41.31 2.36 -3.68	38.50 2.25 -2.72	38.65 2.18 -3.97	38.36 2.19 -5.26	37.69 2.21 -4.43	40.39 2.40 -3.64	44.23 2.79 -2.19	51.52 3.42 0.00	58.72 3.89 0.00	50.66 3.31 0.00	43.95 2.99 0.00	40.74 2.52 -0.66	38.50 2.31 -0.64
ASTORIA_GT_13 24227	39.67 1.78 -0.01	38.05 1.67 -0.01	36.02 1.52 -0.01	36.37 1.52 -0.37	37.70 1.69 -0.01	42.94 1.91 -0.47	55.34 2.58 0.00	68.23 3.25 0.00	58.47 3.36 0.00	46.28 2.91 0.00	42.04 2.65 -0.93	41.31 2.36 -3.68	38.50 2.25 -2.72	38.65 2.18 -3.97	38.36 2.19 -5.26	37.69 2.21 -4.43	40.39 2.40 -3.64	44.23 2.79 -2.19	51.52 3.42 0.00	58.72 3.89 0.00	50.66 3.31 0.00	43.95 2.99 0.00	40.74 2.52 -0.66	38.50 2.31 -0.64
ASTORIA_GT_5 24106	39.52 1.63 -0.01	38.01 1.64 -0.01	35.99 1.48 -0.01	35.91 1.41 -0.01	37.62 1.62 -0.01	42.28 1.70 -0.01	55.13 2.37 0.00	68.04 3.05 0.00	58.36 3.25 0.00	46.32 2.95 0.00	41.21 2.73 -0.01	38.48 2.47 -0.74	35.88 2.35 -0.01	34.77 2.28 0.01	35.12 2.26 -1.95	33.79 2.30 -0.44	36.78 2.44 0.01	42.07 2.83 0.01	51.52 3.42 0.00	58.67 3.84 0.00	50.66 3.31 0.00	43.86 2.91 0.00	39.94 2.37 -0.01	37.77 2.20 -0.01
ASTORIA_GT_7 24107	39.52 1.63 -0.01	38.01 1.64 -0.01	35.99 1.48 -0.01	35.91 1.41 -0.01	37.62 1.62 -0.01	42.28 1.70 -0.01	55.13 2.37 0.00	68.04 3.05 0.00	58.36 3.25 0.00	46.32 2.95 0.00	41.21 2.73 -0.01	38.48 2.47 -0.74	35.88 2.35 -0.01	34.77 2.28 0.01	35.12 2.26 -1.95	33.79 2.30 -0.44	36.78 2.44 0.01	42.07 2.83 0.01	51.52 3.42 0.00	58.67 3.84 0.00	50.66 3.31 0.00	43.86 2.91 0.00	39.94 2.37 -0.01	37.77 2.20 -0.01
ASTORIA_GT_8 24108	39.52 1.63 -0.01	38.01 1.64 -0.01	35.99 1.48 -0.01	35.91 1.41 -0.01	37.62 1.62 -0.01	42.28 1.70 -0.01	55.13 2.37 0.00	68.04 3.05 0.00	58.36 3.25 0.00	46.32 2.95 0.00	41.21 2.73 -0.01	38.48 2.47 -0.74	35.88 2.35 -0.01	34.77 2.28 0.01	35.12 2.26 -1.95	33.79 2.30 -0.44	36.78 2.44 0.01	42.07 2.83 0.01	51.52 3.42 0.00	58.67 3.84 0.00	50.66 3.31 0.00	43.86 2.91 0.00	39.94 2.37 -0.01	37.77 2.20 -0.01
ASTORIA___2 24149	39.48 1.59 -0.01	37.93 1.56 -0.01	35.92 1.41 -0.01	35.88 1.38 -0.01	37.55 1.55 -0.01	42.24 1.66 -0.01	55.02 2.27 0.00	67.90 2.93 0.01	58.47 3.36 0.01	46.22 2.86 0.01	41.21 2.73 -0.01	38.41 2.40 -0.74	35.82 2.28 -0.01	34.71 2.21 0.01	35.09 2.23 -1.95	33.73 2.24 -0.44	36.71 2.37 0.01	41.99 2.75 0.01	51.41 3.32 0.01	58.55 3.73 0.01	50.56 3.22 0.01	43.81 2.87 0.01	39.90 2.33 -0.01	37.80 2.24 -0.01
ASTORIA___3 23516	39.67 1.78 -0.01	38.05 1.67 -0.01	36.02 1.52 -0.01	36.41 1.55 -0.37	37.70 1.69 -0.01	42.98 1.95 -0.47	55.34 2.58 0.00	68.23 3.25 0.00	58.64 3.53 0.00	46.28 2.91 0.00	42.12 2.73 -0.93	41.31 2.36 -3.68	38.50 2.25 -2.72	38.65 2.18 -3.97	38.36 2.19 -5.26	37.69 2.21 -4.43	40.36 2.37 -3.64	44.23 2.79 -2.19	51.52 3.42 0.00	58.72 3.89 0.00	50.66 3.31 0.00	43.94 2.99 0.00	40.74 2.52 -0.66	38.61 2.42 -0.64
ASTORIA___4 23517	39.67 1.78 -0.01	38.05 1.67 -0.01	36.02 1.52 -0.01	36.37 1.52 -0.37	37.70 1.69 -0.01	42.94 1.91 -0.47	55.34 2.58 0.00	68.23 3.25 0.00	58.47 3.36 0.00	46.28 2.91 0.00	42.04 2.65 -0.93	41.31 2.36 -3.68	38.50 2.25 -2.72	38.65 2.18 -3.97	38.36 2.19 -5.26	37.69 2.21 -4.43	40.39 2.40 -3.64	44.23 2.79 -2.19	51.52 3.42 0.00	58.72 3.89 0.00	50.66 3.31 0.00	43.95 2.99 0.00	40.74 2.52 -0.66	38.50 2.31 -0.64
ASTORIA___5 23518	39.67 1.78 -0.01	38.05 1.67 -0.01	36.02 1.52 -0.01	36.41 1.55 -0.37	37.70 1.69 -0.01	42.98 1.95 -0.47	55.34 2.58 0.00	68.23 3.25 0.00	58.64 3.53 0.00	46.28 2.91 0.00	42.12 2.73 -0.93	41.31 2.36 -3.68	38.50 2.25 -2.72	38.65 2.18 -3.97	38.36 2.19 -5.26	37.69 2.21 -4.43	40.36 2.37 -3.64	44.23 2.79 -2.19	51.52 3.42 0.00	58.72 3.89 0.00	50.66 3.31 0.00	43.94 2.99 0.00	40.74 2.52 -0.66	38.61 2.42 -0.64
AST_ENERGY_2_CC3 323677	39.47 1.59 0.00	37.86 1.49 0.00	35.84 1.34 0.00	35.87 1.38 0.00	37.51 1.51 0.00	42.31 1.74 0.00	55.28 2.53 0.00	68.30 3.31 0.00	58.53 3.42 0.00	46.10 2.73 0.00	41.06 2.58 -0.02	38.22 2.22 -0.73	35.65 2.11 -0.01	34.55 2.05 0.00	34.92 2.07 -1.95	33.57 2.08 -0.43	36.58 2.23 0.00	41.84 2.59 0.00	51.42 3.32 0.00	58.61 3.78 0.00	50.57 3.22 0.00	43.82 2.87 0.00	39.89 2.33 0.00	37.79 2.24 0.00
AST_ENERGY_2_CC4 323678	39.47 1.59 0.00	37.86 1.49 0.00	35.84 1.34 0.00	35.87 1.38 0.00	37.51 1.51 0.00	42.31 1.74 0.00	55.28 2.53 0.00	68.30 3.31 0.00	58.53 3.42 0.00	46.10 2.73 0.00	41.06 2.58 -0.02	38.22 2.22 -0.73	35.65 2.11 -0.01	34.55 2.05 0.00	34.92 2.07 -1.95	33.57 2.08 -0.43	36.58 2.23 0.00	41.84 2.59 0.00	51.42 3.32 0.00	58.61 3.78 0.00	50.57 3.22 0.00	43.82 2.87 0.00	39.89 2.33 0.00	37.79 2.24 0.00

ATHENS_STG_1 23668	38.64 0.76 0.00	37.09 0.73 0.00	35.15 0.65 0.00	35.18 0.69 0.00	36.75 0.76 0.00	41.42 0.85 0.00	54.07 1.32 0.00	66.61 1.63 0.00	56.71 1.60 0.00	44.63 1.26 0.00	39.69 1.23 0.00	36.32 1.06 0.00	34.57 1.04 0.00	33.54 1.04 0.00	31.96 1.05 0.00	32.08 1.02 0.00	35.48 1.13 0.00	40.62 1.37 0.00	49.89 1.78 0.00	56.86 2.03 0.00	49.15 1.80 0.00	42.60 1.64 0.00	38.88 1.31 0.00	36.83 1.28 0.00
ATHENS_STG_2 23670	38.64 0.76 0.00	37.09 0.73 0.00	35.15 0.65 0.00	35.18 0.69 0.00	36.75 0.76 0.00	41.42 0.85 0.00	54.07 1.32 0.00	66.61 1.63 0.00	56.71 1.60 0.00	44.63 1.26 0.00	39.69 1.23 0.00	36.32 1.06 0.00	34.57 1.04 0.00	33.54 1.04 0.00	31.96 1.05 0.00	32.08 1.02 0.00	35.48 1.13 0.00	40.62 1.37 0.00	49.89 1.78 0.00	56.86 2.03 0.00	49.15 1.80 0.00	42.60 1.64 0.00	38.88 1.31 0.00	36.83 1.28 0.00
ATHENS_STG_3 23677	38.64 0.76 0.00	37.09 0.73 0.00	35.15 0.65 0.00	35.18 0.69 0.00	36.75 0.76 0.00	41.42 0.85 0.00	54.07 1.32 0.00	66.61 1.63 0.00	56.71 1.60 0.00	44.63 1.26 0.00	39.69 1.23 0.00	36.32 1.06 0.00	34.57 1.04 0.00	33.54 1.04 0.00	31.96 1.05 0.00	32.08 1.02 0.00	35.48 1.13 0.00	40.62 1.37 0.00	49.89 1.78 0.00	56.86 2.03 0.00	49.15 1.80 0.00	42.60 1.64 0.00	38.88 1.31 0.00	36.83 1.28 0.00
AUBURN___LFGE 323710	37.61 -0.27 0.00	36.00 -0.36 0.00	34.12 -0.38 0.00	34.14 -0.34 0.00	35.56 -0.43 0.00	40.12 -0.45 0.00	51.91 -0.84 0.00	64.01 -0.97 0.00	54.18 -0.94 0.00	42.59 -0.78 0.00	37.69 -0.77 0.00	34.49 -0.78 0.00	32.76 -0.77 0.00	31.72 -0.78 0.00	30.10 -0.80 0.00	30.28 -0.78 0.00	33.42 -0.93 0.00	38.23 -1.02 0.00	46.81 -1.30 0.00	53.46 -1.37 0.00	46.41 -1.14 -0.19	39.92 -1.15 -0.11	36.74 -0.83 0.00	34.77 -0.78 0.00
BABYLON_RES_REC 323704	39.96 2.08 0.00	38.07 1.71 0.00	36.15 1.66 0.00	36.21 1.72 0.00	37.87 1.87 0.00	43.24 2.68 0.00	59.53 3.85 -2.93	72.27 5.00 -2.28	59.53 4.41 -0.01	46.64 3.25 -0.01	41.47 2.96 -0.05	37.89 2.57 -0.05	35.77 2.25 0.00	34.74 2.24 0.00	33.42 2.38 -0.13	33.48 2.39 -0.03	37.00 2.65 -0.01	43.11 3.33 -0.52	57.17 4.33 -4.73	59.82 4.99 -0.01	56.54 4.31 -4.88	52.57 3.73 -7.89	40.68 2.85 -0.27	38.29 2.74 0.00
BABYLON__69_KV_BK2 356345	40.30 2.42 0.00	38.44 2.07 0.00	36.43 1.93 0.00	36.31 1.83 0.00	38.23 2.23 0.00	43.53 2.96 0.00	60.21 4.54 -2.92	73.10 5.85 -2.27	60.13 5.02 0.00	47.16 3.77 -0.01	41.84 3.35 -0.04	38.28 2.96 -0.05	36.24 2.72 0.00	35.04 2.54 0.00	33.63 2.60 -0.13	33.76 2.67 -0.03	37.48 3.13 0.00	43.53 3.77 -0.51	57.69 4.86 -4.73	60.47 5.65 0.00	57.10 4.88 -4.88	53.05 4.22 -7.88	41.01 3.19 -0.25	38.50 2.95 0.00
BALL_HILL_WT_PWR 323825	38.18 0.30 0.00	36.18 -0.18 0.00	34.29 -0.21 0.00	34.14 -0.34 0.00	35.20 -0.79 0.00	39.55 -1.01 0.00	50.75 -2.00 0.00	61.87 -3.12 0.00	51.75 -3.36 0.00	41.68 -1.69 0.00	36.54 -1.92 0.00	33.72 -1.55 0.00	31.88 -1.64 0.00	30.94 -1.56 0.00	29.21 -1.70 0.00	29.29 -1.77 0.00	32.15 -2.20 0.00	36.19 -3.06 0.00	43.58 -4.52 0.00	49.56 -5.26 0.01	41.14 -5.11 1.10	35.89 -4.42 0.65	34.41 -3.16 0.00	32.74 -2.81 0.00
BARON_WINDS___WT_PWR 323822	37.69 -0.19 0.00	35.86 -0.51 0.00	34.01 -0.48 0.00	33.93 -0.55 0.00	35.20 -0.79 0.00	39.63 -0.93 0.00	51.17 -1.58 0.00	62.58 -2.40 0.00	52.30 -2.81 0.00	41.46 -1.91 0.00	36.34 -2.12 0.00	33.40 -1.87 0.00	31.65 -1.88 0.00	30.62 -1.89 0.00	28.96 -1.95 0.00	29.01 -2.05 0.00	32.01 -2.34 0.00	36.43 -2.83 0.00	44.55 -3.56 0.00	50.62 -4.11 0.10	34.15 -3.83 9.36	31.86 -3.52 5.57	34.78 -2.78 0.00	32.99 -2.56 0.00
BARRETT_IC_1 23704	39.73 1.86 0.00	37.96 1.60 0.00	35.98 1.48 0.00	36.04 1.55 0.00	37.69 1.69 0.00	42.80 2.23 0.00	58.79 3.11 -2.93	71.16 3.90 -2.28	58.87 3.75 -0.01	46.54 3.03 -0.13	41.71 2.92 -0.33	37.72 2.40 -0.05	35.67 2.15 0.00	34.61 2.11 0.00	33.23 2.19 -0.13	33.29 2.21 -0.03	36.80 2.44 -0.01	42.87 2.98 -0.64	56.49 3.65 -4.73	59.06 4.22 -0.01	55.88 3.65 -4.88	52.08 3.23 -7.89	40.82 2.71 -0.55	38.04 2.49 0.00
BARRETT_IC_10 23701	39.73 1.86 0.00	37.96 1.60 0.00	35.98 1.48 0.00	36.04 1.55 0.00	37.69 1.69 0.00	42.80 2.23 0.00	58.79 3.11 -2.93	71.16 3.90 -2.28	58.87 3.75 -0.01	46.54 3.03 -0.13	41.71 2.92 -0.33	37.72 2.40 -0.05	35.67 2.15 0.00	34.61 2.11 0.00	33.23 2.19 -0.13	33.29 2.21 -0.03	36.80 2.44 -0.01	42.87 2.98 -0.64	56.49 3.65 -4.73	59.06 4.22 -0.01	55.88 3.65 -4.88	52.08 3.23 -7.89	40.82 2.71 -0.55	38.04 2.49 0.00
BARRETT_IC_11 23702	39.73 1.86 0.00	37.96 1.60 0.00	35.98 1.48 0.00	36.04 1.55 0.00	37.69 1.69 0.00	42.80 2.23 0.00	58.79 3.11 -2.93	71.16 3.90 -2.28	58.87 3.75 -0.01	46.54 3.03 -0.13	41.71 2.92 -0.33	37.72 2.40 -0.05	35.67 2.15 0.00	34.61 2.11 0.00	33.23 2.19 -0.13	33.29 2.21 -0.03	36.80 2.44 -0.01	42.87 2.98 -0.64	56.49 3.65 -4.73	59.06 4.22 -0.01	55.88 3.65 -4.88	52.08 3.23 -7.89	40.82 2.71 -0.55	38.04 2.49 0.00
BARRETT_IC_12 23703	39.73 1.86 0.00	37.96 1.60 0.00	35.98 1.48 0.00	36.04 1.55 0.00	37.69 1.69 0.00	42.80 2.23 0.00	58.79 3.11 -2.93	71.16 3.90 -2.28	58.87 3.75 -0.01	46.54 3.03 -0.13	41.71 2.92 -0.33	37.72 2.40 -0.05	35.67 2.15 0.00	34.61 2.11 0.00	33.23 2.19 -0.13	33.29 2.21 -0.03	36.80 2.44 -0.01	42.87 2.98 -0.64	56.49 3.65 -4.73	59.06 4.22 -0.01	55.88 3.65 -4.88	52.08 3.23 -7.89	40.82 2.71 -0.55	38.04 2.49 0.00
BARRETT_IC_2 23705	39.73 1.86 0.00	37.96 1.60 0.00	35.98 1.48 0.00	36.04 1.55 0.00	37.69 1.69 0.00	42.80 2.23 0.00	58.79 3.11 -2.93	71.16 3.90 -2.28	58.87 3.75 -0.01	46.54 3.03 -0.13	41.71 2.92 -0.33	37.72 2.40 -0.05	35.67 2.15 0.00	34.61 2.11 0.00	33.23 2.19 -0.13	33.29 2.21 -0.03	36.80 2.44 -0.01	42.87 2.98 -0.64	56.49 3.65 -4.73	59.06 4.22 -0.01	55.88 3.65 -4.88	52.08 3.23 -7.89	40.82 2.71 -0.55	38.04 2.49 0.00
BARRETT_IC_3 23706	39.73 1.86 0.00	37.96 1.60 0.00	35.98 1.48 0.00	36.04 1.55 0.00	37.69 1.69 0.00	42.80 2.23 0.00	58.79 3.11 -2.93	71.16 3.90 -2.28	58.87 3.75 -0.01	46.54 3.03 -0.13	41.71 2.92 -0.33	37.72 2.40 -0.05	35.67 2.15 0.00	34.61 2.11 0.00	33.23 2.19 -0.13	33.29 2.21 -0.03	36.80 2.44 -0.01	42.87 2.98 -0.64	56.49 3.65 -4.73	59.06 4.22 -0.01	55.88 3.65 -4.88	52.08 3.23 -7.89	40.82 2.71 -0.55	38.04 2.49 0.00
BARRETT_IC_4 23707	39.73 1.86 0.00	37.96 1.60 0.00	35.98 1.48 0.00	36.04 1.55 0.00	37.69 1.69 0.00	42.80 2.23 0.00	58.79 3.11 -2.93	71.16 3.90 -2.28	58.87 3.75 -0.01	46.54 3.03 -0.13	41.71 2.92 -0.33	37.72 2.40 -0.05	35.67 2.15 0.00	34.61 2.11 0.00	33.23 2.19 -0.13	33.29 2.21 -0.03	36.80 2.44 -0.01	42.87 2.98 -0.64	56.49 3.65 -4.73	59.06 4.22 -0.01	55.88 3.65 -4.88	52.08 3.23 -7.89	40.82 2.71 -0.55	38.04 2.49 0.00

BARRETT_IC_5 23708	39.73 1.86 0.00	37.96 1.60 0.00	35.98 1.48 0.00	36.04 1.55 0.00	37.69 1.69 0.00	42.80 2.23 0.00	58.79 3.11 -2.93	71.16 3.90 -2.28	58.87 3.75 -0.01	46.54 3.03 -0.13	41.71 2.92 -0.33	37.72 2.40 -0.05	35.67 2.15 0.00	34.61 2.11 0.00	33.23 2.19 -0.13	33.29 2.21 -0.03	36.80 2.44 -0.01	42.87 2.98 -0.64	56.49 3.65 -4.73	59.06 4.22 -0.01	55.88 3.65 -4.88	52.08 3.23 -7.89	40.82 2.71 -0.55	38.04 2.49 0.00
BARRETT_IC_6 23709	39.73 1.86 0.00	37.96 1.60 0.00	35.98 1.48 0.00	36.04 1.55 0.00	37.69 1.69 0.00	42.80 2.23 0.00	58.79 3.11 -2.93	71.16 3.90 -2.28	58.87 3.75 -0.01	46.54 3.03 -0.13	41.71 2.92 -0.33	37.72 2.40 -0.05	35.67 2.15 0.00	34.61 2.11 0.00	33.23 2.19 -0.13	33.29 2.21 -0.03	36.80 2.44 -0.01	42.87 2.98 -0.64	56.49 3.65 -4.73	59.06 4.22 -0.01	55.88 3.65 -4.88	52.08 3.23 -7.89	40.82 2.71 -0.55	38.04 2.49 0.00
BARRETT_IC_7 23710	39.66 1.78 0.00	37.93 1.56 0.00	35.94 1.45 0.00	35.87 1.38 0.00	37.65 1.66 0.00	42.68 2.11 0.00	58.78 3.11 -2.92	71.15 3.90 -2.27	58.80 3.69 0.00	46.54 3.04 -0.13	41.59 2.81 -0.32	37.75 2.43 -0.05	35.77 2.25 0.00	34.62 2.11 0.00	33.20 2.16 -0.13	33.29 2.21 -0.03	36.86 2.51 0.00	42.87 2.98 -0.63	56.49 3.66 -4.73	59.05 4.22 0.00	55.87 3.65 -4.88	52.07 3.24 -7.88	40.85 2.74 -0.54	37.90 2.35 0.00
BARRETT_IC_8 23711	39.73 1.86 0.00	37.96 1.60 0.00	35.98 1.48 0.00	36.04 1.55 0.00	37.69 1.69 0.00	42.80 2.23 0.00	58.79 3.11 -2.93	71.16 3.90 -2.28	58.87 3.75 -0.01	46.54 3.03 -0.13	41.71 2.92 -0.33	37.72 2.40 -0.05	35.67 2.15 0.00	34.61 2.11 0.00	33.23 2.19 -0.13	33.29 2.21 -0.03	36.80 2.44 -0.01	42.87 2.98 -0.64	56.49 3.65 -4.73	59.06 4.22 -0.01	55.88 3.65 -4.88	52.08 3.23 -7.89	40.82 2.71 -0.55	38.04 2.49 0.00
BARRETT_IC_9 23700	39.73 1.86 0.00	37.96 1.60 0.00	35.98 1.48 0.00	36.04 1.55 0.00	37.69 1.69 0.00	42.80 2.23 0.00	58.79 3.11 -2.93	71.16 3.90 -2.28	58.87 3.75 -0.01	46.54 3.03 -0.13	41.71 2.92 -0.33	37.72 2.40 -0.05	35.67 2.15 0.00	34.61 2.11 0.00	33.23 2.19 -0.13	33.29 2.21 -0.03	36.80 2.44 -0.01	42.87 2.98 -0.64	56.49 3.65 -4.73	59.06 4.22 -0.01	55.88 3.65 -4.88	52.08 3.23 -7.89	40.82 2.71 -0.55	38.04 2.49 0.00
BARRETT___1 23545	39.73 1.86 0.00	37.96 1.60 0.00	35.98 1.48 0.00	36.04 1.55 0.00	37.69 1.69 0.00	42.80 2.23 0.00	58.79 3.11 -2.93	71.16 3.90 -2.28	58.87 3.75 -0.01	46.54 3.03 -0.13	41.71 2.92 -0.33	37.72 2.40 -0.05	35.67 2.15 0.00	34.61 2.11 0.00	33.23 2.19 -0.13	33.29 2.21 -0.03	36.80 2.44 -0.01	42.87 2.98 -0.64	56.49 3.65 -4.73	59.06 4.22 -0.01	55.88 3.65 -4.88	52.08 3.23 -7.89	40.82 2.71 -0.55	38.04 2.49 0.00
BARRETT___2 23546	39.73 1.86 0.00	37.96 1.60 0.00	35.98 1.48 0.00	36.04 1.55 0.00	37.69 1.69 0.00	42.80 2.23 0.00	58.79 3.11 -2.93	71.16 3.90 -2.28	58.87 3.75 -0.01	46.54 3.03 -0.13	41.71 2.92 -0.33	37.72 2.40 -0.05	35.67 2.15 0.00	34.61 2.11 0.00	33.23 2.19 -0.13	33.29 2.21 -0.03	36.80 2.44 -0.01	42.87 2.98 -0.64	56.49 3.65 -4.73	59.06 4.22 -0.01	55.88 3.65 -4.88	52.08 3.23 -7.89	40.82 2.71 -0.55	38.04 2.49 0.00
BATAVIA__115KV_TB1 55881	37.61 -0.27 0.00	35.75 -0.62 0.00	33.74 -0.76 0.00	33.83 -0.66 0.00	34.99 -1.01 0.00	39.63 -0.93 0.00	50.48 -2.27 0.00	62.06 -2.92 0.00	52.19 -2.92 0.00	41.59 -1.78 0.00	36.65 -1.81 0.00	33.26 -2.01 0.00	31.51 -2.01 0.00	30.55 -1.95 0.00	28.90 -2.01 0.00	29.13 -1.93 0.00	31.91 -2.44 0.00	36.39 -2.87 0.00	44.02 -4.09 0.00	50.38 -4.44 0.01	42.63 -3.65 1.07	36.92 -3.40 0.63	34.93 -2.63 0.00	32.92 -2.63 0.00
BAYONEEC___CTG1 323682	39.40 1.52 0.00	37.78 1.42 0.00	35.74 1.24 0.00	35.80 1.31 0.00	37.40 1.40 0.00	42.23 1.66 0.00	55.18 2.43 0.00	68.17 3.18 0.00	58.47 3.36 0.00	46.06 2.69 0.00	40.98 2.50 -0.02	38.15 2.15 -0.74	35.58 2.05 -0.01	34.49 1.98 0.00	34.86 2.01 -1.95	33.50 2.02 -0.43	36.52 2.17 0.00	41.80 2.55 0.00	51.38 3.27 0.00	58.56 3.73 0.00	50.52 3.17 0.00	43.74 2.79 0.00	39.82 2.25 0.00	37.72 2.17 0.00
BAYONEEC___CTG10 323750	39.40 1.52 0.00	37.78 1.42 0.00	35.74 1.24 0.00	35.80 1.31 0.00	37.40 1.40 0.00	42.23 1.66 0.00	55.18 2.43 0.00	68.17 3.18 0.00	58.47 3.36 0.00	46.06 2.69 0.00	40.98 2.50 -0.02	38.15 2.15 -0.74	35.58 2.05 -0.01	34.49 1.98 0.00	34.86 2.01 -1.95	33.50 2.02 -0.43	36.52 2.17 0.00	41.80 2.55 0.00	51.38 3.27 0.00	58.56 3.73 0.00	50.52 3.17 0.00	43.74 2.79 0.00	39.82 2.25 0.00	37.72 2.17 0.00
BAYONEEC___CTG2 323683	39.40 1.52 0.00	37.78 1.42 0.00	35.74 1.24 0.00	35.80 1.31 0.00	37.40 1.40 0.00	42.23 1.66 0.00	55.18 2.43 0.00	68.17 3.18 0.00	58.47 3.36 0.00	46.06 2.69 0.00	40.98 2.50 -0.02	38.15 2.15 -0.74	35.58 2.05 -0.01	34.49 1.98 0.00	34.86 2.01 -1.95	33.50 2.02 -0.43	36.52 2.17 0.00	41.80 2.55 0.00	51.38 3.27 0.00	58.56 3.73 0.00	50.52 3.17 0.00	43.74 2.79 0.00	39.82 2.25 0.00	37.72 2.17 0.00
BAYONEEC___CTG3 323684	39.40 1.52 0.00	37.78 1.42 0.00	35.74 1.24 0.00	35.80 1.31 0.00	37.40 1.40 0.00	42.23 1.66 0.00	55.18 2.43 0.00	68.17 3.18 0.00	58.47 3.36 0.00	46.06 2.69 0.00	40.98 2.50 -0.02	38.15 2.15 -0.74	35.58 2.05 -0.01	34.49 1.98 0.00	34.86 2.01 -1.95	33.50 2.02 -0.43	36.52 2.17 0.00	41.80 2.55 0.00	51.38 3.27 0.00	58.56 3.73 0.00	50.52 3.17 0.00	43.74 2.79 0.00	39.82 2.25 0.00	37.72 2.17 0.00
BAYONEEC___CTG4 323685	39.40 1.52 0.00	37.78 1.42 0.00	35.74 1.24 0.00	35.80 1.31 0.00	37.40 1.40 0.00	42.23 1.66 0.00	55.18 2.43 0.00	68.17 3.18 0.00	58.47 3.36 0.00	46.06 2.69 0.00	40.98 2.50 -0.02	38.15 2.15 -0.74	35.58 2.05 -0.01	34.49 1.98 0.00	34.86 2.01 -1.95	33.50 2.02 -0.43	36.52 2.17 0.00	41.80 2.55 0.00	51.38 3.27 0.00	58.56 3.73 0.00	50.52 3.17 0.00	43.74 2.79 0.00	39.82 2.25 0.00	37.72 2.17 0.00
BAYONEEC___CTG5 323686	39.40 1.52 0.00	37.78 1.42 0.00	35.74 1.24 0.00	35.80 1.31 0.00	37.40 1.40 0.00	42.23 1.66 0.00	55.18 2.43 0.00	68.17 3.18 0.00	58.47 3.36 0.00	46.06 2.69 0.00	40.98 2.50 -0.02	38.15 2.15 -0.74	35.58 2.05 -0.01	34.49 1.98 0.00	34.86 2.01 -1.95	33.50 2.02 -0.43	36.52 2.17 0.00	41.80 2.55 0.00	51.38 3.27 0.00	58.56 3.73 0.00	50.52 3.17 0.00	43.74 2.79 0.00	39.82 2.25 0.00	37.72 2.17 0.00
BAYONEEC___CTG6 323687	39.40 1.52 0.00	37.78 1.42 0.00	35.74 1.24 0.00	35.80 1.31 0.00	37.40 1.40 0.00	42.23 1.66 0.00	55.18 2.43 0.00	68.17 3.18 0.00	58.47 3.36 0.00	46.06 2.69 0.00	40.98 2.50 -0.02	38.15 2.15 -0.74	35.58 2.05 -0.01	34.49 1.98 0.00	34.86 2.01 -1.95	33.50 2.02 -0.43	36.52 2.17 0.00	41.80 2.55 0.00	51.38 3.27 0.00	58.56 3.73 0.00	50.52 3.17 0.00	43.74 2.79 0.00	39.82 2.25 0.00	37.72 2.17 0.00

BAYONEEC___CTG7 323688	39.40 1.52 0.00	37.78 1.42 0.00	35.74 1.24 0.00	35.80 1.31 0.00	37.40 1.40 0.00	42.23 1.66 0.00	55.18 2.43 0.00	68.17 3.18 0.00	58.47 3.36 0.00	46.06 2.69 0.00	40.98 2.50 -0.02	38.15 2.15 -0.74	35.58 2.05 -0.01	34.49 1.98 0.00	34.86 2.01 -1.95	33.50 2.02 -0.43	36.52 2.17 0.00	41.80 2.55 0.00	51.38 3.27 0.00	58.56 3.73 0.00	50.52 3.17 0.00	43.74 2.79 0.00	39.82 2.25 0.00	37.72 2.17 0.00
BAYONEEC___CTG8 323689	39.40 1.52 0.00	37.78 1.42 0.00	35.74 1.24 0.00	35.80 1.31 0.00	37.40 1.40 0.00	42.23 1.66 0.00	55.18 2.43 0.00	68.17 3.18 0.00	58.47 3.36 0.00	46.06 2.69 0.00	40.98 2.50 -0.02	38.15 2.15 -0.74	35.58 2.05 -0.01	34.49 1.98 0.00	34.86 2.01 -1.95	33.50 2.02 -0.43	36.52 2.17 0.00	41.80 2.55 0.00	51.38 3.27 0.00	58.56 3.73 0.00	50.52 3.17 0.00	43.74 2.79 0.00	39.82 2.25 0.00	37.72 2.17 0.00
BAYONEEC___CTG9 323749	39.40 1.52 0.00	37.78 1.42 0.00	35.74 1.24 0.00	35.80 1.31 0.00	37.40 1.40 0.00	42.23 1.66 0.00	55.18 2.43 0.00	68.17 3.18 0.00	58.47 3.36 0.00	46.06 2.69 0.00	40.98 2.50 -0.02	38.15 2.15 -0.74	35.58 2.05 -0.01	34.49 1.98 0.00	34.86 2.01 -1.95	33.50 2.02 -0.43	36.52 2.17 0.00	41.80 2.55 0.00	51.38 3.27 0.00	58.56 3.73 0.00	50.52 3.17 0.00	43.74 2.79 0.00	39.82 2.25 0.00	37.72 2.17 0.00
BEACON___LESR 323632	39.20 1.33 0.00	37.64 1.27 0.00	35.70 1.21 0.00	35.69 1.21 0.00	37.33 1.33 0.00	42.15 1.58 0.00	55.07 2.32 0.00	67.78 2.79 0.00	57.48 2.37 0.00	45.11 1.74 0.00	39.92 1.46 0.00	36.57 1.31 0.00	34.73 1.21 0.00	33.67 1.17 0.00	32.05 1.14 0.00	32.27 1.21 0.00	35.73 1.38 0.00	40.94 1.69 0.00	50.41 2.31 0.00	57.46 2.63 0.00	49.67 2.32 0.00	43.08 2.13 0.00	39.37 1.80 0.00	37.26 1.71 0.00
BEAVER RIVER___HYD 24048	38.11 0.23 0.00	36.65 0.29 0.00	34.74 0.24 0.00	34.73 0.24 0.00	36.25 0.25 0.00	40.93 0.36 0.00	53.49 0.74 0.00	66.02 1.04 0.00	55.55 0.44 0.00	43.20 -0.17 0.00	38.11 -0.35 0.00	34.77 -0.49 0.00	32.99 -0.54 0.00	31.95 -0.55 0.00	30.32 -0.59 0.00	30.53 -0.53 0.00	33.94 -0.41 0.00	38.78 -0.47 0.00	47.67 -0.43 0.00	54.45 -0.38 0.00	46.97 -0.38 0.00	40.47 -0.49 0.00	36.85 -0.71 0.00	34.81 -0.75 0.00
BEEBEE_GT_13 23619	37.01 -0.87 0.00	35.31 -1.05 0.00	33.36 -1.14 0.00	33.42 -1.07 0.00	34.63 -1.37 0.00	39.19 -1.38 0.00	50.11 -2.64 0.00	61.60 -3.38 0.00	52.03 -3.09 0.00	41.38 -2.00 0.00	36.58 -1.88 0.00	33.33 -1.94 0.00	31.65 -1.88 0.00	30.68 -1.82 0.00	29.08 -1.82 0.00	29.29 -1.77 0.00	32.15 -2.20 0.00	36.66 -2.59 0.00	44.50 -3.61 0.00	50.82 -4.00 0.00	43.78 -3.08 0.49	37.76 -2.91 0.29	35.20 -2.37 0.00	33.24 -2.31 0.00
BENSHRST_27_KV_BENSHRST_1 355998	55.49 2.20 -15.41	55.44 2.07 -17.00	50.67 1.90 -14.28	54.80 1.93 -18.38	55.51 2.09 -17.43	55.50 2.31 -12.63	56.62 3.22 -0.65	68.95 3.96 0.00	61.72 4.02 -2.59	58.41 3.43 -11.61	58.56 3.08 -17.02	60.64 2.72 -22.65	60.24 2.58 -24.14	62.66 2.47 -27.69	62.05 2.47 -28.67	62.66 2.48 -29.12	62.43 2.71 -25.37	90.82 3.26 -48.31	106.78 4.04 -54.63	106.81 4.61 -47.37	60.55 3.93 -9.27	60.44 3.48 -16.00	58.19 2.93 -17.70	55.43 2.70 -17.18
BETHLEHEM___GRP 23843	38.86 0.98 0.00	37.31 0.95 0.00	35.39 0.90 0.00	35.38 0.90 0.00	37.00 1.01 0.00	41.70 1.14 0.00	54.44 1.69 0.00	66.93 1.95 0.00	56.88 1.76 0.00	44.67 1.30 0.00	39.58 1.12 0.00	36.32 1.06 0.00	34.50 0.97 0.00	33.48 0.98 0.00	31.86 0.96 0.00	32.02 0.96 0.00	35.45 1.10 0.00	40.59 1.33 0.00	49.93 1.83 0.00	56.86 2.03 0.00	49.20 1.85 0.00	42.68 1.72 0.00	38.99 1.43 0.00	36.87 1.32 0.00
BETHLEHEM___GS1 323560	38.86 0.98 0.00	37.31 0.94 0.00	35.39 0.90 0.00	35.38 0.90 0.00	36.97 0.97 0.00	41.74 1.18 0.00	54.39 1.64 0.00	66.93 1.95 0.00	56.88 1.76 0.00	44.67 1.30 0.00	39.61 1.15 0.00	36.29 1.02 0.00	34.50 0.97 0.00	33.48 0.97 0.00	31.87 0.96 0.00	32.05 0.99 0.00	35.45 1.10 0.00	40.59 1.34 0.00	49.93 1.83 0.00	56.86 2.03 0.00	49.19 1.84 0.00	42.64 1.68 0.00	38.99 1.43 0.00	36.94 1.39 0.00
BETHLEHEM___GS2 323561	38.86 0.98 0.00	37.31 0.94 0.00	35.39 0.90 0.00	35.38 0.90 0.00	36.97 0.97 0.00	41.74 1.18 0.00	54.39 1.64 0.00	66.93 1.95 0.00	56.88 1.76 0.00	44.67 1.30 0.00	39.61 1.15 0.00	36.29 1.02 0.00	34.50 0.97 0.00	33.48 0.97 0.00	31.87 0.96 0.00	32.05 0.99 0.00	35.45 1.10 0.00	40.59 1.34 0.00	49.93 1.83 0.00	56.86 2.03 0.00	49.19 1.84 0.00	42.64 1.68 0.00	38.99 1.43 0.00	36.94 1.39 0.00
BETHLEHEM___GS3 323562	38.86 0.98 0.00	37.31 0.94 0.00	35.39 0.90 0.00	35.38 0.90 0.00	36.97 0.97 0.00	41.74 1.18 0.00	54.39 1.64 0.00	66.93 1.95 0.00	56.88 1.76 0.00	44.67 1.30 0.00	39.61 1.15 0.00	36.29 1.02 0.00	34.50 0.97 0.00	33.48 0.97 0.00	31.87 0.96 0.00	32.05 0.99 0.00	35.45 1.10 0.00	40.59 1.34 0.00	49.93 1.83 0.00	56.86 2.03 0.00	49.19 1.84 0.00	42.64 1.68 0.00	38.99 1.43 0.00	36.94 1.39 0.00
BETHLEHEM___STEEL 23779	37.58 -0.30 0.00	35.60 -0.76 0.00	33.60 -0.90 0.00	33.69 -0.79 0.00	34.74 -1.26 0.00	39.31 -1.26 0.00	49.74 -3.01 0.00	60.89 -4.09 0.00	51.31 -3.80 0.00	41.16 -2.21 0.00	36.46 -2.00 0.00	33.22 -2.05 0.00	31.48 -2.05 0.00	30.55 -1.95 0.00	28.93 -1.98 0.00	29.04 -2.02 0.00	31.74 -2.61 0.00	35.84 -3.41 0.00	43.20 -4.91 0.00	49.17 -5.65 0.01	40.91 -5.26 1.19	35.75 -4.51 0.70	34.33 -3.23 0.00	32.53 -3.02 0.00
BETHLHEM_115KV_TB1 79974	38.83 0.95 0.00	37.27 0.91 0.00	35.36 0.86 0.00	35.35 0.86 0.00	36.97 0.97 0.00	41.66 1.10 0.00	54.39 1.64 0.00	66.80 1.82 0.00	56.77 1.65 0.00	44.63 1.26 0.00	39.54 1.08 0.00	36.29 1.02 0.00	34.50 0.97 0.00	33.45 0.94 0.00	31.83 0.93 0.00	31.99 0.93 0.00	35.42 1.06 0.00	40.55 1.30 0.00	49.84 1.73 0.00	56.80 1.97 0.00	49.10 1.75 0.00	42.59 1.64 0.00	38.95 1.39 0.00	36.83 1.28 0.00
BETHPAGE_CC_5 323564	39.85 1.97 0.00	38.00 1.64 0.00	36.05 1.55 0.00	36.11 1.62 0.00	37.76 1.76 0.00	43.04 2.47 0.00	59.27 3.59 -2.93	71.94 4.68 -2.28	59.36 4.24 -0.01	46.51 3.12 -0.02	41.48 2.96 -0.06	37.86 2.54 -0.05	35.74 2.21 0.00	34.71 2.21 0.00	33.36 2.32 -0.13	33.42 2.33 -0.03	36.94 2.58 -0.01	43.00 3.22 -0.52	56.98 4.14 -4.73	59.60 4.77 -0.01	56.35 4.12 -4.88	52.40 3.56 -7.89	40.62 2.78 -0.27	38.18 2.63 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	37.73 -0.15 0.00	35.75 -0.62 0.00	33.74 -0.76 0.00	33.83 -0.66 0.00	34.88 -1.12 0.00	39.47 -1.10 0.00	50.01 -2.74 0.00	61.21 -3.77 0.00	51.53 -3.58 0.00	41.33 -2.04 0.00	36.61 -1.85 0.00	33.36 -1.90 0.00	31.58 -1.94 0.00	30.68 -1.82 0.00	29.02 -1.89 0.00	29.16 -1.89 0.00	31.88 -2.47 0.00	35.95 -3.30 0.00	43.39 -4.71 0.00	49.34 -5.48 0.01	40.90 -5.30 1.15	35.81 -4.46 0.68	34.41 -3.16 0.00	32.60 -2.95 0.00

BINGHAMTON___COGEN 23790	37.95 0.08 0.00	36.33 -0.04 0.00	34.43 -0.07 0.00	34.42 -0.07 0.00	35.82 -0.18 0.00	40.36 -0.20 0.00	52.28 -0.47 0.00	64.40 -0.58 0.00	54.45 -0.66 0.00	42.98 -0.39 0.00	38.00 -0.46 0.00	34.74 -0.53 0.00	33.02 -0.50 0.00	31.98 -0.52 0.00	30.38 -0.53 0.00	30.50 -0.56 0.00	33.66 -0.69 0.00	38.43 -0.82 0.00	47.05 -1.06 0.00	53.73 -1.10 0.00	46.00 -1.09 0.26	39.82 -0.98 0.15	36.85 -0.71 0.00	34.95 -0.60 0.00
BIXINCNT_115KV_LOAD 355685	38.26 0.38 0.00	36.29 -0.07 0.00	34.22 -0.28 0.00	34.31 -0.17 0.00	35.38 -0.61 0.00	40.00 -0.57 0.00	50.96 -1.79 0.00	62.38 -2.60 0.00	52.36 -2.76 0.00	41.85 -1.52 0.00	37.04 -1.42 0.00	33.75 -1.52 0.00	31.95 -1.58 0.00	31.01 -1.50 0.00	29.30 -1.61 0.00	29.29 -1.77 0.00	31.98 -2.37 0.00	36.07 -3.18 0.00	43.39 -4.71 0.00	49.01 -5.81 0.00	40.32 -6.11 0.92	35.05 -5.37 0.54	33.58 -3.98 0.00	31.93 -3.63 0.00
BLACK RIVER___HYD 24047	38.18 0.30 0.00	36.73 0.36 0.00	34.80 0.31 0.00	34.76 0.27 0.00	36.32 0.32 0.00	40.97 0.41 0.00	53.54 0.79 0.00	66.09 1.10 0.00	55.44 0.33 0.00	42.94 -0.43 0.00	37.84 -0.62 0.00	34.49 -0.78 0.00	32.72 -0.80 0.00	31.66 -0.85 0.00	30.01 -0.90 0.00	30.25 -0.81 0.00	33.63 -0.72 0.00	38.62 -0.63 0.00	47.67 -0.43 0.00	54.61 -0.22 0.00	47.21 -0.14 0.00	40.63 -0.33 0.00	36.96 -0.60 0.00	34.91 -0.64 0.00
BLACKRVR_115KV_TB2 79977	38.18 0.30 0.00	36.73 0.36 0.00	34.81 0.31 0.00	34.76 0.28 0.00	36.32 0.32 0.00	41.01 0.45 0.00	53.54 0.79 0.00	66.09 1.10 0.00	55.44 0.33 0.00	42.94 -0.43 0.00	37.84 -0.62 0.00	34.49 -0.78 0.00	32.72 -0.80 0.00	31.66 -0.85 0.00	30.01 -0.90 0.00	30.28 -0.78 0.00	33.63 -0.72 0.00	38.62 -0.63 0.00	47.67 -0.43 0.00	54.61 -0.22 0.00	47.21 -0.14 0.00	40.63 -0.33 0.00	36.96 -0.60 0.00	34.95 -0.60 0.00
BLISS_WT_PWR 323608	38.30 0.42 0.00	36.29 -0.07 0.00	34.39 -0.10 0.00	34.31 -0.17 0.00	35.46 -0.54 0.00	39.88 -0.69 0.00	51.22 -1.53 0.00	62.45 -2.54 0.00	52.08 -3.03 0.00	41.77 -1.60 0.00	36.65 -1.81 0.00	33.75 -1.52 0.00	31.95 -1.58 0.00	30.98 -1.53 0.00	29.21 -1.70 0.00	29.16 -1.90 0.00	31.98 -2.37 0.00	35.95 -3.30 0.00	43.25 -4.86 0.00	48.74 -6.09 0.00	40.04 -6.39 0.92	34.68 -5.73 0.54	33.28 -4.28 0.00	31.71 -3.84 0.00
BLUESTONE___WT_PWR 323821	39.28 1.40 0.00	37.71 1.35 0.00	35.77 1.28 0.00	35.80 1.31 0.00	37.40 1.40 0.00	42.23 1.66 0.00	55.23 2.48 0.00	68.17 3.18 0.00	57.48 2.37 0.00	44.80 1.43 0.00	39.38 0.92 0.00	35.87 0.60 0.00	34.03 0.50 0.00	32.86 0.36 0.00	31.15 0.25 0.00	31.37 0.31 0.00	34.80 0.45 0.00	40.00 0.74 0.00	49.21 1.11 0.00	56.20 1.37 0.00	48.53 0.90 -0.28	41.70 0.57 -0.17	37.98 0.41 0.00	35.98 0.43 0.00
BLUE_CIRC_CHEM_DRP 24182	38.94 1.06 0.00	37.35 0.98 0.00	35.46 0.97 0.00	35.45 0.97 0.00	37.08 1.08 0.00	41.74 1.18 0.00	54.54 1.79 0.00	66.93 1.95 0.00	56.71 1.60 0.00	44.41 1.04 0.00	39.31 0.85 0.00	36.01 0.74 0.00	34.23 0.70 0.00	33.19 0.68 0.00	31.62 0.71 0.00	31.80 0.75 0.00	35.24 0.89 0.00	40.43 1.18 0.00	49.79 1.68 0.00	56.80 1.97 0.00	49.10 1.75 0.00	42.55 1.60 0.00	38.95 1.39 0.00	36.83 1.28 0.00
BOC_GAS_DRP 24189	38.60 0.72 0.00	37.02 0.65 0.00	35.15 0.66 0.00	35.11 0.62 0.00	36.72 0.72 0.00	41.38 0.81 0.00	53.96 1.21 0.00	66.35 1.36 0.00	56.38 1.27 0.00	44.37 1.00 0.00	39.34 0.88 0.00	36.08 0.81 0.00	34.33 0.80 0.00	33.28 0.78 0.00	31.71 0.80 0.00	31.83 0.78 0.00	35.24 0.89 0.00	40.31 1.06 0.00	49.50 1.40 0.00	56.42 1.59 0.00	48.77 1.42 0.00	42.27 1.31 0.00	38.65 1.09 0.00	36.58 1.03 0.00
BOONVILLE_115KV_TB1 79983	38.52 0.64 0.00	37.02 0.65 0.00	35.12 0.62 0.00	35.07 0.59 0.00	36.64 0.65 0.00	41.34 0.77 0.00	53.96 1.21 0.00	66.61 1.62 0.00	56.32 1.21 0.00	43.89 0.52 0.00	38.77 0.31 0.00	35.41 0.14 0.00	33.66 0.13 0.00	32.57 0.07 0.00	30.94 0.03 0.00	31.15 0.09 0.00	34.56 0.21 0.00	39.53 0.27 0.00	48.54 0.43 0.00	55.38 0.55 0.00	47.82 0.47 0.00	41.24 0.29 0.00	37.64 0.08 0.00	35.59 0.04 0.00
BORALEX_4TH_BRANCH 23824	39.13 1.25 0.00	37.56 1.20 0.00	35.70 1.21 0.00	35.66 1.17 0.00	37.33 1.33 0.00	42.03 1.46 0.00	55.18 2.43 0.00	67.52 2.53 0.00	57.37 2.26 0.00	44.98 1.60 0.00	39.84 1.38 0.00	36.61 1.34 0.00	34.80 1.27 0.00	33.74 1.24 0.00	32.14 1.24 0.00	32.36 1.30 0.00	35.83 1.48 0.00	41.14 1.88 0.00	50.56 2.45 0.00	57.51 2.69 0.00	49.86 2.51 0.00	43.41 2.46 0.00	39.52 1.95 0.00	37.37 1.81 0.00
BOWLINE___1 23526	38.90 1.02 0.00	37.31 0.94 0.00	35.36 0.86 0.00	35.38 0.90 0.00	36.97 0.97 0.00	41.70 1.13 0.00	54.49 1.74 0.00	67.39 2.41 0.00	57.53 2.42 0.00	45.32 1.95 0.00	40.27 1.81 0.00	36.79 1.52 -0.01	34.97 1.44 0.00	33.90 1.40 0.00	32.38 1.45 -0.02	32.52 1.46 0.00	35.93 1.58 0.00	41.10 1.85 0.00	50.46 2.36 0.00	57.68 2.85 0.00	49.81 2.46 0.00	43.08 2.13 0.00	39.25 1.69 0.00	37.19 1.64 0.00
BOWLINE___2 23595	38.90 1.02 0.00	37.31 0.94 0.00	35.36 0.86 0.00	35.38 0.90 0.00	36.97 0.97 0.00	41.70 1.13 0.00	54.49 1.74 0.00	67.39 2.41 0.00	57.53 2.42 0.00	45.32 1.95 0.00	40.27 1.81 0.00	36.79 1.52 -0.01	34.97 1.44 0.00	33.90 1.40 0.00	32.38 1.45 -0.02	32.52 1.46 0.00	35.93 1.58 0.00	41.10 1.85 0.00	50.46 2.36 0.00	57.68 2.85 0.00	49.81 2.46 0.00	43.08 2.13 0.00	39.25 1.69 0.00	37.19 1.64 0.00
BRADY___115KV_TB2 356060	38.60 0.72 0.00	37.20 0.84 0.00	35.32 0.83 0.00	35.31 0.83 0.00	36.82 0.83 0.00	41.50 0.93 0.00	54.23 1.48 0.00	67.00 2.01 0.00	56.38 1.27 0.00	44.15 0.78 0.00	39.11 0.65 0.00	35.76 0.49 0.00	33.96 0.44 0.00	32.93 0.42 0.00	31.28 0.37 0.00	31.43 0.37 0.00	34.87 0.52 0.00	39.96 0.71 0.00	49.07 0.96 0.00	55.92 1.10 0.00	48.15 0.80 0.00	41.53 0.57 0.00	37.98 0.41 0.00	35.87 0.32 0.00
BRANSCOMB___SOLAR 323811	39.05 1.18 0.00	37.49 1.13 0.00	35.57 1.07 0.00	35.52 1.03 0.00	37.18 1.19 0.00	42.02 1.46 0.00	54.97 2.22 0.00	67.65 2.67 0.00	57.21 2.09 0.00	44.72 1.35 0.00	39.81 1.35 0.00	36.36 1.09 0.00	34.46 0.94 0.00	33.38 0.88 0.00	31.77 0.86 0.00	32.05 0.99 0.00	35.55 1.20 0.00	40.98 1.73 0.00	50.65 2.55 0.00	57.73 2.90 0.00	49.86 2.51 0.00	43.25 2.29 0.00	39.51 1.95 0.00	37.40 1.85 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	40.23 2.35 0.00	38.33 1.96 0.00	36.32 1.83 0.00	36.25 1.76 0.00	38.12 2.12 0.00	43.41 2.84 0.00	60.10 4.43 -2.92	72.91 5.65 -2.27	59.96 4.85 0.00	47.07 3.69 -0.01	41.76 3.27 -0.03	38.21 2.89 -0.05	36.18 2.65 0.00	34.94 2.44 0.00	33.57 2.53 -0.13	33.66 2.58 -0.03	37.37 3.02 0.00	43.45 3.69 -0.51	57.50 4.67 -4.73	60.26 5.43 0.00	56.87 4.64 -4.88	52.89 4.05 -7.88	40.85 3.04 -0.25	38.36 2.81 0.00



BRISTLHL_115KV_TB1 79998	36.78 -1.10 0.00	35.27 -1.09 0.00	33.46 -1.03 0.00	33.45 -1.03 0.00	34.84 -1.15 0.00	39.31 -1.26 0.00	50.75 -2.00 0.00	62.51 -2.47 0.00	52.91 -2.20 0.00	41.64 -1.73 0.00	36.88 -1.58 0.00	33.86 -1.41 0.00	32.19 -1.34 0.00	31.20 -1.30 0.00	29.61 -1.30 0.00	29.78 -1.27 0.00	32.91 -1.44 0.00	37.52 -1.73 0.00	45.94 -2.16 0.00	52.47 -2.36 0.00	45.36 -1.99 0.00	39.20 -1.76 0.00	36.17 -1.39 0.00	34.27 -1.28 0.00
BROOKHAVEN___DRP 24191	39.17 1.29 0.00	37.38 1.02 0.00	35.39 0.90 0.00	35.35 0.86 0.00	37.15 1.15 0.00	42.55 1.99 0.00	59.20 3.53 -2.92	71.48 4.22 -2.27	58.75 3.64 0.00	45.94 2.56 -0.01	40.98 2.50 -0.02	37.47 2.15 -0.05	35.51 1.98 0.00	34.36 1.85 0.00	33.17 2.13 -0.13	33.13 2.05 -0.03	36.86 2.51 0.00	42.82 3.06 -0.51	56.63 3.80 -4.73	59.10 4.28 0.00	56.01 3.79 -4.88	52.48 3.65 -7.88	40.58 2.78 -0.24	37.65 2.10 0.00
BROOKLYN_NAVY_YARD 23515	39.35 1.48 0.00	37.78 1.42 0.00	35.74 1.24 0.00	35.80 1.31 0.00	37.40 1.40 0.00	42.23 1.66 0.00	55.13 2.38 0.00	68.17 3.18 0.00	58.42 3.31 0.00	46.02 2.65 0.00	40.98 2.50 -0.02	38.15 2.15 -0.74	35.58 2.05 -0.01	34.49 1.98 0.00	34.86 2.01 -1.95	33.53 2.05 -0.43	36.52 2.17 0.00	41.80 2.55 0.00	51.38 3.27 0.00	58.56 3.73 0.00	50.52 3.17 0.00	43.74 2.79 0.00	39.82 2.25 0.00	37.72 2.17 0.00
BROOKLYN___ARMY_DRP 323595	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.66 1.79 -18.38	55.40 1.98 -17.43	55.38 2.19 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.50 3.80 -2.59	58.23 3.25 -11.61	58.41 2.92 -17.02	60.49 2.57 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.54 2.36 -29.12	62.33 2.61 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.28 3.32 -16.00	58.04 2.78 -17.70	55.29 2.56 -17.18
BROOKVLE_69_KV_TB1 55790	39.92 2.05 0.00	38.15 1.78 0.00	36.12 1.62 0.00	36.04 1.55 0.00	37.87 1.87 0.00	42.96 2.39 0.00	59.31 3.64 -2.92	72.00 4.74 -2.27	59.36 4.24 0.00	46.74 3.34 -0.03	41.61 3.08 -0.08	38.00 2.68 -0.05	36.01 2.48 0.00	34.84 2.34 0.00	33.42 2.38 -0.13	33.51 2.42 -0.03	37.13 2.78 0.00	43.04 3.26 -0.53	57.02 4.19 -4.73	59.65 4.82 0.00	56.39 4.17 -4.88	52.40 3.56 -7.88	40.79 2.93 -0.29	38.11 2.56 0.00
BROOME_2_LFGE 323671	37.95 0.08 0.00	36.33 -0.04 0.00	34.46 -0.03 0.00	34.42 -0.07 0.00	35.82 -0.18 0.00	40.36 -0.20 0.00	52.33 -0.42 0.00	64.40 -0.59 0.00	54.39 -0.72 0.00	42.98 -0.39 0.00	37.92 -0.54 0.00	34.77 -0.49 0.00	33.02 -0.50 0.00	31.98 -0.52 0.00	30.38 -0.53 0.00	30.50 -0.56 0.00	33.70 -0.65 0.00	38.43 -0.83 0.00	47.05 -1.06 0.00	53.73 -1.10 0.00	46.00 -1.09 0.26	39.82 -0.98 0.15	36.89 -0.68 0.00	34.98 -0.57 0.00
BROOME___LFGE 323600	37.95 0.08 0.00	36.33 -0.04 0.00	34.46 -0.03 0.00	34.42 -0.07 0.00	35.82 -0.18 0.00	40.36 -0.20 0.00	52.33 -0.42 0.00	64.40 -0.59 0.00	54.39 -0.72 0.00	42.98 -0.39 0.00	37.92 -0.54 0.00	34.77 -0.49 0.00	33.02 -0.50 0.00	31.98 -0.52 0.00	30.38 -0.53 0.00	30.50 -0.56 0.00	33.70 -0.65 0.00	38.43 -0.83 0.00	47.05 -1.06 0.00	53.73 -1.10 0.00	46.00 -1.09 0.26	39.82 -0.98 0.15	36.89 -0.68 0.00	34.98 -0.57 0.00
BROWNFLS_115KV_TB_3_5 80003	37.88 0.00 0.00	36.47 0.11 0.00	34.60 0.10 0.00	34.59 0.10 0.00	36.10 0.11 0.00	40.69 0.12 0.00	53.23 0.47 0.00	65.83 0.84 0.00	55.39 0.28 0.00	43.20 -0.17 0.00	38.19 -0.27 0.00	34.88 -0.39 0.00	33.09 -0.44 0.00	32.05 -0.46 0.00	30.41 -0.49 0.00	30.62 -0.43 0.00	34.01 -0.34 0.00	38.90 -0.35 0.00	47.77 -0.34 0.00	54.44 -0.38 0.00	46.97 -0.38 0.00	40.47 -0.49 0.00	36.92 -0.64 0.00	34.84 -0.71 0.00
BROWNSV1_27_KV_LOAD 356125	39.73 1.86 0.00	38.04 1.67 0.00	36.01 1.52 0.00	36.00 1.52 0.00	37.69 1.69 0.00	42.51 1.95 0.00	55.65 2.90 0.00	68.75 3.77 0.00	58.80 3.69 0.00	46.41 3.04 0.00	41.25 2.77 -0.02	38.47 2.47 -0.74	35.89 2.35 -0.01	34.78 2.28 0.00	35.11 2.26 -1.95	33.75 2.27 -0.43	36.82 2.47 0.00	42.16 2.90 0.00	51.81 3.70 0.00	59.05 4.22 0.00	50.95 3.60 0.00	44.11 3.15 0.00	40.12 2.55 0.00	37.90 2.35 0.00
BURROWS___LYONSDAL 23803	38.45 0.57 0.00	36.95 0.58 0.00	35.01 0.52 0.00	35.00 0.52 0.00	36.57 0.58 0.00	41.26 0.69 0.00	53.86 1.11 0.00	66.48 1.49 0.00	56.16 1.05 0.00	43.72 0.35 0.00	38.61 0.15 0.00	35.27 0.00 0.00	33.49 -0.03 0.00	32.44 -0.07 0.00	30.78 -0.12 0.00	30.99 -0.06 0.00	34.42 0.07 0.00	39.33 0.08 0.00	48.30 0.19 0.00	55.10 0.27 0.00	47.54 0.19 0.00	41.00 0.04 0.00	37.37 -0.19 0.00	35.34 -0.21 0.00
CAITHNESS_CC_1 323624	39.32 1.44 0.00	37.45 1.09 0.00	35.60 1.10 0.00	35.80 1.31 0.00	37.29 1.29 0.00	43.00 2.43 0.00	59.16 3.48 -2.93	71.55 4.29 -2.28	58.87 3.75 -0.01	46.02 2.65 -0.01	41.30 2.81 -0.03	37.44 2.12 -0.05	35.24 1.71 0.00	34.39 1.88 0.00	33.26 2.23 -0.13	33.20 2.11 -0.03	36.56 2.20 -0.01	42.83 3.06 -0.51	56.69 3.85 -4.73	59.17 4.33 -0.01	56.02 3.79 -4.88	52.40 3.56 -7.89	40.48 2.67 -0.25	37.86 2.31 0.00
CALPINE BETH_PAGE_GT4 24209	39.73 1.86 0.00	37.93 1.56 0.00	35.94 1.45 0.00	35.87 1.38 0.00	37.69 1.69 0.00	42.80 2.23 0.00	59.15 3.48 -2.92	71.80 4.55 -2.27	59.14 4.02 0.00	46.43 3.04 -0.02	41.25 2.73 -0.06	37.82 2.50 -0.05	35.81 2.28 0.00	34.65 2.15 0.00	33.26 2.23 -0.13	33.35 2.27 -0.03	37.00 2.65 0.00	42.91 3.14 -0.52	56.87 4.04 -4.73	59.54 4.72 0.00	56.25 4.02 -4.88	52.32 3.48 -7.88	40.54 2.70 -0.28	37.97 2.42 0.00
CALPINE_BETH_PAGE_GT_4 323586	39.77 1.89 0.00	37.96 1.60 0.00	35.98 1.48 0.00	36.04 1.55 0.00	37.72 1.73 0.00	42.96 2.39 0.00	59.16 3.48 -2.93	71.81 4.55 -2.28	59.26 4.14 -0.01	46.43 3.03 -0.02	41.37 2.85 -0.07	37.79 2.47 -0.05	35.71 2.18 0.00	34.65 2.14 0.00	33.29 2.25 -0.13	33.35 2.27 -0.03	36.87 2.51 -0.01	42.92 3.14 -0.53	56.88 4.04 -4.73	59.55 4.72 -0.01	56.26 4.02 -4.88	52.32 3.48 -7.89	40.51 2.67 -0.28	38.11 2.56 0.00
CALPINE_BP_GT1 23823	39.77 1.89 0.00	37.96 1.60 0.00	35.98 1.48 0.00	36.04 1.55 0.00	37.72 1.73 0.00	42.96 2.39 0.00	59.16 3.48 -2.93	71.81 4.55 -2.28	59.26 4.14 -0.01	46.43 3.03 -0.02	41.37 2.85 -0.07	37.79 2.47 -0.05	35.71 2.18 0.00	34.65 2.14 0.00	33.29 2.25 -0.13	33.35 2.27 -0.03	36.87 2.51 -0.01	42.92 3.14 -0.53	56.88 4.04 -4.73	59.55 4.72 -0.01	56.26 4.02 -4.88	52.32 3.48 -7.89	40.51 2.67 -0.28	38.11 2.56 0.00
CALSPAN___DRP 24200	37.58 -0.30 0.00	35.60 -0.76 0.00	33.60 -0.90 0.00	33.69 -0.79 0.00	34.74 -1.26 0.00	39.31 -1.26 0.00	49.74 -3.01 0.00	60.89 -4.09 0.00	51.31 -3.80 0.00	41.16 -2.21 0.00	36.46 -2.00 0.00	33.22 -2.05 0.00	31.48 -2.05 0.00	30.55 -1.95 0.00	28.93 -1.98 0.00	29.04 -2.02 0.00	31.74 -2.61 0.00	35.84 -3.41 0.00	43.20 -4.91 0.00	49.17 -5.65 0.01	40.91 -5.26 1.19	35.75 -4.51 0.70	34.33 -3.23 0.00	32.53 -3.02 0.00

CALVERTON___SOLAR 323806	39.20 1.33 0.00	37.35 0.98 0.00	35.46 0.96 0.00	35.73 1.24 0.00	37.18 1.19 0.00	43.08 2.52 0.00	59.27 3.59 -2.93	71.55 4.29 -2.28	58.92 3.80 -0.01	45.89 2.51 -0.01	41.26 2.77 -0.03	37.33 2.01 -0.05	35.10 1.58 0.00	34.32 1.82 0.00	33.29 2.25 -0.13	33.17 2.08 -0.03	36.49 2.13 -0.01	42.87 3.10 -0.51	56.74 3.89 -4.73	59.17 4.33 -0.01	56.12 3.88 -4.88	52.61 3.77 -7.89	40.48 2.67 -0.25	37.83 2.28 0.00
CANDIGU_WT_PWR 323617	37.69 -0.19 0.00	35.86 -0.51 0.00	34.01 -0.48 0.00	33.93 -0.55 0.00	35.20 -0.79 0.00	39.63 -0.93 0.00	51.17 -1.58 0.00	62.58 -2.40 0.00	52.30 -2.81 0.00	41.46 -1.91 0.00	36.34 -2.12 0.00	33.40 -1.87 0.00	31.65 -1.88 0.00	30.62 -1.89 0.00	28.96 -1.95 0.00	29.01 -2.05 0.00	32.01 -2.34 0.00	36.43 -2.83 0.00	44.55 -3.56 0.00	50.62 -4.11 0.10	34.15 -3.83 9.36	31.86 -3.52 5.57	34.78 -2.78 0.00	32.99 -2.56 0.00
CARR STREET_E_SYR 24060	37.20 -0.68 0.00	35.64 -0.73 0.00	33.81 -0.69 0.00	33.76 -0.73 0.00	35.20 -0.79 0.00	39.63 -0.93 0.00	51.33 -1.42 0.00	63.16 -1.82 0.00	53.40 -1.71 0.00	42.11 -1.26 0.00	37.23 -1.23 0.00	34.24 -1.02 0.00	32.52 -1.00 0.00	31.53 -0.97 0.00	29.92 -0.99 0.00	30.06 -1.00 0.00	33.22 -1.13 0.00	37.88 -1.37 0.00	46.33 -1.78 0.00	52.91 -1.92 0.00	45.74 -1.61 0.00	39.52 -1.43 0.00	36.47 -1.09 0.00	34.52 -1.03 0.00
CARTHAGE___PAPER 23857	38.15 0.27 0.00	36.69 0.33 0.00	34.77 0.27 0.00	34.76 0.27 0.00	36.32 0.32 0.00	41.01 0.45 0.00	53.59 0.84 0.00	66.21 1.23 0.00	55.61 0.49 0.00	43.11 -0.26 0.00	38.04 -0.42 0.00	34.67 -0.60 0.00	32.89 -0.64 0.00	31.82 -0.68 0.00	30.20 -0.71 0.00	30.44 -0.62 0.00	33.84 -0.51 0.00	38.78 -0.47 0.00	47.77 -0.33 0.00	54.61 -0.22 0.00	47.16 -0.19 0.00	40.59 -0.37 0.00	36.92 -0.64 0.00	34.88 -0.68 0.00
CASSADAGA_WT_PWR 323784	39.05 1.18 0.00	36.98 0.62 0.00	34.94 0.45 0.00	34.66 0.17 0.00	35.67 -0.32 0.00	40.08 -0.48 0.00	51.54 -1.21 0.00	62.90 -2.08 0.00	52.41 -2.70 0.00	42.29 -1.08 0.00	37.11 -1.35 0.00	34.24 -1.02 0.00	32.39 -1.14 0.00	31.36 -1.14 0.00	29.55 -1.36 0.00	29.54 -1.52 0.00	32.32 -2.03 0.00	36.35 -2.90 0.00	43.53 -4.57 0.00	49.23 -5.59 0.00	40.54 -5.87 0.94	35.25 -5.16 0.55	33.73 -3.83 0.00	32.07 -3.48 0.00
CE_DUNWOOD___DRP 24194	39.20 1.33 0.00	37.64 1.27 0.00	35.67 1.17 0.00	35.62 1.14 0.00	37.29 1.30 0.00	42.03 1.46 0.00	55.02 2.27 0.00	67.97 2.99 0.00	57.98 2.87 0.00	45.71 2.34 0.00	40.58 2.12 -0.01	37.22 1.90 -0.05	35.34 1.81 0.00	34.26 1.76 0.00	32.75 1.73 -0.11	32.85 1.77 -0.02	36.31 1.96 0.00	41.53 2.28 0.00	51.04 2.93 0.00	58.23 3.40 0.00	50.29 2.94 0.00	43.54 2.58 0.00	39.63 2.07 0.00	37.44 1.88 0.00
CE_MILLWOOD___DRP 24193	39.09 1.21 0.00	37.53 1.16 0.00	35.56 1.07 0.00	35.52 1.03 0.00	37.18 1.19 0.00	41.90 1.34 0.00	54.81 2.06 0.00	67.71 2.73 0.00	57.76 2.65 0.00	45.54 2.17 0.00	40.43 1.96 0.00	37.03 1.73 -0.03	35.17 1.64 0.00	34.10 1.59 0.00	32.59 1.61 -0.08	32.69 1.61 -0.02	36.14 1.79 0.00	41.33 2.08 0.00	50.80 2.69 0.00	58.01 3.18 0.00	50.10 2.75 0.00	43.37 2.42 0.00	39.48 1.92 0.00	37.33 1.78 0.00
CE_NYC2_DRP 24202	39.67 1.78 -0.01	38.05 1.67 -0.01	36.06 1.55 -0.01	36.37 1.52 -0.37	37.70 1.69 -0.01	42.94 1.91 -0.47	55.39 2.64 0.00	68.30 3.31 0.00	58.53 3.42 0.00	46.32 2.95 0.00	42.08 2.69 -0.93	41.35 2.40 -3.68	38.53 2.28 -2.72	38.68 2.21 -3.97	38.36 2.19 -5.26	37.69 2.21 -4.43	40.43 2.44 -3.64	44.27 2.83 -2.19	51.57 3.46 0.00	58.78 3.95 0.00	50.71 3.36 0.00	43.99 3.03 0.00	40.74 2.52 -0.66	38.50 2.31 -0.64
CE_NYC_DRP 24195	39.43 1.55 0.00	37.82 1.45 0.00	35.81 1.31 0.00	35.80 1.31 0.00	37.47 1.48 0.00	42.27 1.70 0.00	55.28 2.53 0.00	68.36 3.38 0.00	58.47 3.36 0.00	46.15 2.78 0.00	40.98 2.50 -0.02	38.18 2.22 -0.69	35.65 2.11 -0.01	34.55 2.05 0.00	34.78 2.04 -1.84	33.54 2.08 -0.40	36.62 2.27 0.00	41.88 2.63 0.00	51.47 3.37 0.00	58.67 3.84 0.00	50.62 3.27 0.00	43.82 2.87 0.00	39.85 2.29 0.00	37.69 2.13 0.00
CHAFFEE___LFGE 323603	38.07 0.19 0.00	36.11 -0.25 0.00	34.26 -0.24 0.00	34.18 -0.31 0.00	35.35 -0.65 0.00	39.71 -0.85 0.00	51.17 -1.58 0.00	62.58 -2.40 0.00	52.36 -2.75 0.00	41.98 -1.39 0.00	36.77 -1.69 0.00	33.82 -1.45 0.00	31.98 -1.54 0.00	30.98 -1.53 0.00	29.30 -1.61 0.00	29.35 -1.71 0.00	32.22 -2.13 0.00	36.35 -2.90 0.00	44.06 -4.04 0.00	50.33 -4.49 0.00	41.34 -5.30 0.71	36.20 -4.34 0.41	34.90 -2.67 0.00	33.38 -2.17 0.00
CHATEAUG_35_KV_LOAD 355732	38.37 0.49 0.00	36.98 0.62 0.00	35.12 0.62 0.00	35.18 0.69 0.00	36.68 0.68 0.00	41.34 0.77 0.00	53.96 1.21 0.00	66.80 1.82 0.00	56.38 1.27 0.00	44.37 1.00 0.00	39.34 0.88 0.00	36.04 0.78 0.00	34.23 0.70 0.00	33.19 0.68 0.00	31.52 0.62 0.00	31.68 0.62 0.00	35.07 0.72 0.00	40.12 0.86 0.00	49.07 0.96 0.00	55.76 0.93 0.00	47.92 0.57 0.00	41.28 0.33 0.00	37.75 0.19 0.00	35.59 0.04 0.00
CHATEAUG_WT_PWR 323614	38.33 0.46 0.00	36.94 0.58 0.00	35.08 0.59 0.00	35.11 0.62 0.00	36.61 0.61 0.00	41.30 0.73 0.00	53.91 1.16 0.00	66.67 1.69 0.00	56.32 1.21 0.00	44.32 0.95 0.00	39.38 0.92 0.00	36.04 0.77 0.00	34.23 0.71 0.00	33.19 0.68 0.00	31.52 0.62 0.00	31.68 0.62 0.00	35.07 0.72 0.00	40.08 0.83 0.00	49.02 0.91 0.00	55.65 0.82 0.00	47.82 0.47 0.00	41.25 0.29 0.00	37.71 0.15 0.00	35.55 0.00 0.00
CHAT_HIGH_FALL_HYD 323578	38.37 0.49 0.00	36.98 0.62 0.00	35.12 0.62 0.00	35.18 0.69 0.00	36.68 0.68 0.00	41.34 0.77 0.00	53.96 1.21 0.00	66.80 1.82 0.00	56.38 1.27 0.00	44.37 1.00 0.00	39.34 0.88 0.00	36.04 0.78 0.00	34.23 0.70 0.00	33.19 0.68 0.00	31.52 0.62 0.00	31.68 0.62 0.00	35.07 0.72 0.00	40.12 0.86 0.00	49.07 0.96 0.00	55.76 0.93 0.00	47.92 0.57 0.00	41.28 0.33 0.00	37.75 0.19 0.00	35.59 0.04 0.00
CHAUTAUQUA___LFGE 323629	38.60 0.72 0.00	36.51 0.15 0.00	34.60 0.10 0.00	34.38 -0.10 0.00	35.46 -0.54 0.00	39.79 -0.77 0.00	51.12 -1.64 0.00	62.38 -2.60 0.00	52.08 -3.03 0.00	41.98 -1.39 0.00	36.81 -1.65 0.00	33.96 -1.30 0.00	32.12 -1.41 0.00	31.14 -1.36 0.00	29.39 -1.51 0.00	29.44 -1.62 0.00	32.29 -2.06 0.00	36.31 -2.94 0.00	43.68 -4.42 0.00	49.61 -5.21 0.01	41.14 -5.16 1.05	35.83 -4.51 0.62	34.33 -3.23 0.00	32.64 -2.91 0.00
CHERRYST_13_KV_LD 356241	39.51 1.63 0.00	37.93 1.56 0.00	35.91 1.41 0.00	35.90 1.41 0.00	37.58 1.58 0.00	42.39 1.83 0.00	55.44 2.69 0.00	68.56 3.57 0.00	58.64 3.53 0.00	46.28 2.91 0.00	41.14 2.65 -0.02	38.33 2.36 -0.70	35.79 2.25 -0.01	34.68 2.18 0.00	34.92 2.16 -1.85	33.64 2.17 -0.41	36.72 2.37 0.00	42.00 2.75 0.00	51.62 3.51 0.00	58.83 4.00 0.00	50.76 3.41 0.00	43.95 2.99 0.00	39.97 2.40 0.00	37.76 2.20 0.00

CHESTROR_138KV_BK263 355645	38.75 0.87 0.00	37.20 0.84 0.00	35.25 0.76 0.00	35.25 0.76 0.00	36.86 0.86 0.00	41.54 0.97 0.00	54.28 1.53 0.00	67.06 2.08 0.00	57.10 1.98 0.00	44.98 1.60 0.00	39.88 1.42 0.00	36.54 1.27 -0.01	34.73 1.21 0.00	33.67 1.17 0.00	32.09 1.17 -0.01	32.27 1.21 0.00	35.69 1.34 0.00	40.82 1.57 0.00	50.13 2.02 0.00	57.29 2.47 0.00	49.48 2.13 0.00	42.80 1.84 0.00	39.03 1.46 0.00	36.90 1.35 0.00
CH_MIDHUDSON___DRP 24192	39.05 1.17 0.00	37.49 1.13 0.00	35.56 1.07 0.00	35.52 1.03 0.00	37.18 1.19 0.00	41.90 1.34 0.00	54.86 2.11 0.00	67.65 2.66 0.00	57.65 2.54 0.00	45.37 2.00 0.00	40.23 1.77 0.00	36.85 1.59 0.00	35.04 1.51 0.00	34.00 1.50 0.00	32.39 1.48 0.00	32.58 1.52 0.00	36.03 1.68 0.00	41.25 2.00 0.00	50.66 2.55 0.00	57.84 3.02 0.00	49.95 2.60 0.00	43.25 2.29 0.00	39.40 1.84 0.00	37.30 1.74 0.00
CH_MISC_IPPS 23765	39.32 1.44 0.00	37.71 1.35 0.00	35.74 1.24 0.00	35.76 1.28 0.00	37.40 1.40 0.00	42.23 1.66 0.00	55.23 2.48 0.00	68.30 3.31 0.00	58.14 3.03 0.00	45.71 2.34 0.00	40.54 2.08 0.00	36.99 1.73 0.00	35.17 1.64 0.00	34.13 1.62 0.00	32.54 1.64 0.00	32.73 1.68 0.00	36.20 1.85 0.00	41.53 2.28 0.00	50.94 2.84 0.00	58.28 3.46 0.00	50.29 2.94 0.00	43.50 2.54 0.00	39.59 2.03 0.00	37.54 1.99 0.00
CH_RES_BVR_FALLS 23983	37.43 -0.45 0.00	35.97 -0.40 0.00	34.12 -0.38 0.00	34.14 -0.34 0.00	35.67 -0.32 0.00	40.24 -0.33 0.00	52.49 -0.26 0.00	64.79 -0.19 0.00	54.95 -0.16 0.00	43.28 -0.09 0.00	38.50 0.04 0.00	35.34 0.07 0.00	33.56 0.03 0.00	32.54 0.03 0.00	30.91 0.00 0.00	31.03 -0.03 0.00	34.32 -0.03 0.00	39.13 -0.12 0.00	47.77 -0.33 0.00	54.06 -0.77 0.00	46.50 -0.85 0.00	40.09 -0.86 0.00	36.70 -0.86 0.00	34.70 -0.85 0.00
CH_RES_NIAGARA 23895	36.06 -1.82 0.00	34.15 -2.22 0.00	32.22 -2.28 0.00	32.35 -2.14 0.00	33.37 -2.63 0.00	37.77 -2.80 0.00	47.53 -5.22 0.00	57.97 -7.02 0.00	48.94 -6.17 0.00	39.38 -3.99 0.00	34.92 -3.54 0.00	31.81 -3.46 0.00	30.14 -3.39 0.00	29.32 -3.19 0.00	27.78 -3.12 0.00	27.92 -3.14 0.00	30.50 -3.85 0.00	34.46 -4.79 0.00	41.52 -6.59 0.00	47.14 -7.68 0.01	39.64 -6.39 1.32	34.69 -5.49 0.78	33.17 -4.39 0.00	31.32 -4.23 0.00
CH_RES_SYRACUSE 23985	37.43 -0.45 0.00	35.89 -0.47 0.00	34.05 -0.45 0.00	34.00 -0.48 0.00	35.46 -0.54 0.00	39.92 -0.65 0.00	51.70 -1.05 0.00	63.62 -1.37 0.00	53.79 -1.32 0.00	42.42 -0.95 0.00	37.50 -0.96 0.00	34.46 -0.81 0.00	32.72 -0.80 0.00	31.69 -0.81 0.00	30.07 -0.83 0.00	30.22 -0.84 0.00	33.43 -0.93 0.00	38.15 -1.10 0.00	46.66 -1.53 0.00	53.29 -1.28 0.00	46.07 -1.19 0.00	39.77 -0.86 0.00	36.70 -0.86 0.00	34.74 -0.82 0.00
CLINTON_WT_PWR 323605	38.33 0.46 0.00	36.94 0.58 0.00	35.08 0.59 0.00	35.11 0.62 0.00	36.61 0.61 0.00	41.30 0.73 0.00	53.91 1.16 0.00	66.67 1.69 0.00	56.32 1.21 0.00	44.32 0.95 0.00	39.38 0.92 0.00	36.04 0.77 0.00	34.23 0.71 0.00	33.19 0.68 0.00	31.52 0.62 0.00	31.68 0.62 0.00	35.07 0.72 0.00	40.08 0.83 0.00	49.02 0.91 0.00	55.65 0.82 0.00	47.82 0.47 0.00	41.25 0.29 0.00	37.71 0.15 0.00	35.55 0.00 0.00
CLINTON___LFGE 323618	39.13 1.25 0.00	37.82 1.46 0.00	35.91 1.41 0.00	35.97 1.48 0.00	37.47 1.48 0.00	42.23 1.66 0.00	55.28 2.53 0.00	68.62 3.64 0.00	57.76 2.65 0.00	45.45 2.08 0.00	40.34 1.88 0.00	36.89 1.62 0.00	35.04 1.51 0.00	33.93 1.43 0.00	32.20 1.30 0.00	32.39 1.33 0.00	35.86 1.51 0.00	41.06 1.81 0.00	50.13 2.02 0.00	56.91 2.08 0.00	48.77 1.42 0.00	41.98 1.02 0.00	38.35 0.79 0.00	36.09 0.53 0.00
COBBLENY_34_KV_TB1 80064	38.03 0.15 0.00	36.11 -0.25 0.00	34.15 -0.34 0.00	34.18 -0.31 0.00	35.28 -0.72 0.00	39.84 -0.73 0.00	50.96 -1.79 0.00	62.58 -2.40 0.00	52.52 -2.59 0.00	41.98 -1.39 0.00	37.04 -1.42 0.00	33.79 -1.48 0.00	31.98 -1.54 0.00	30.98 -1.53 0.00	29.33 -1.58 0.00	29.41 -1.65 0.00	32.19 -2.16 0.00	36.35 -2.90 0.00	44.02 -4.09 0.00	50.33 -4.50 0.00	41.34 -5.30 0.71	36.20 -4.34 0.41	34.82 -2.74 0.00	33.28 -2.28 0.00
COFFEEN___115KV_TB3 355620	38.41 0.53 0.00	36.95 0.58 0.00	34.98 0.48 0.00	34.93 0.45 0.00	36.50 0.50 0.00	41.21 0.65 0.00	53.86 1.11 0.00	66.41 1.43 0.00	55.72 0.61 0.00	43.07 -0.30 0.00	37.96 -0.50 0.00	34.56 -0.71 0.00	32.76 -0.77 0.00	31.69 -0.81 0.00	30.04 -0.87 0.00	30.31 -0.75 0.00	33.73 -0.62 0.00	38.78 -0.47 0.00	47.91 -0.19 0.00	54.94 0.11 0.00	47.49 0.14 0.00	40.87 -0.08 0.00	37.15 -0.41 0.00	35.13 -0.43 0.00
COLDSPRG_115KV_BK1 355956	39.20 1.33 0.00	37.16 0.80 0.00	35.05 0.55 0.00	35.00 0.52 0.00	36.07 0.07 0.00	40.73 0.16 0.00	52.07 -0.69 0.00	64.01 -0.97 0.00	53.62 -1.49 0.00	42.94 -0.43 0.00	38.00 -0.46 0.00	34.63 -0.63 0.00	32.79 -0.74 0.00	31.76 -0.75 0.00	29.98 -0.93 0.00	30.03 -1.02 0.00	32.81 -1.55 0.00	36.98 -2.28 0.00	44.55 -3.56 0.00	50.66 -4.17 0.00	41.89 -4.78 0.68	36.51 -4.05 0.40	34.86 -2.70 0.00	33.17 -2.38 0.00
COLONIE_LFGE___ 323577	38.86 0.98 0.00	37.35 0.98 0.00	35.43 0.93 0.00	35.42 0.93 0.00	37.04 1.04 0.00	41.78 1.22 0.00	54.60 1.85 0.00	67.12 2.14 0.00	56.99 1.87 0.00	44.67 1.30 0.00	39.65 1.19 0.00	36.32 1.06 0.00	34.50 0.97 0.00	33.45 0.94 0.00	31.87 0.96 0.00	32.08 1.02 0.00	35.48 1.13 0.00	40.74 1.49 0.00	50.13 2.02 0.00	57.13 2.30 0.00	49.38 2.03 0.00	42.88 1.93 0.00	39.18 1.61 0.00	37.08 1.53 0.00
COOPERNY_115KV_TB1 80082	38.48 0.61 0.00	36.95 0.58 0.00	35.01 0.52 0.00	35.00 0.52 0.00	36.57 0.58 0.00	41.21 0.65 0.00	53.81 1.06 0.00	66.41 1.43 0.00	56.49 1.38 0.00	44.50 1.13 0.00	39.46 1.00 0.00	36.11 0.85 0.00	34.36 0.84 0.00	33.32 0.81 0.00	31.71 0.80 0.00	31.86 0.81 0.00	35.24 0.89 0.00	40.31 1.06 0.00	49.45 1.35 0.00	56.53 1.70 0.00	48.77 1.42 0.00	42.23 1.27 0.00	38.54 0.98 0.00	36.48 0.92 0.00
COPENHAGEN_WT_PWR 323753	38.03 0.15 0.00	36.58 0.22 0.00	34.67 0.17 0.00	34.62 0.14 0.00	36.18 0.18 0.00	40.81 0.24 0.00	53.28 0.53 0.00	65.70 0.72 0.00	55.17 0.06 0.00	42.81 -0.57 0.00	37.73 -0.73 0.00	34.42 -0.85 0.00	32.65 -0.87 0.00	31.59 -0.91 0.00	29.95 -0.96 0.00	30.19 -0.87 0.00	33.56 -0.79 0.00	38.50 -0.75 0.00	47.48 -0.63 0.00	54.39 -0.44 0.00	47.02 -0.33 0.00	40.47 -0.49 0.00	36.89 -0.68 0.00	34.84 -0.71 0.00
CORNELL_____ 23752	38.33 0.45 0.00	36.73 0.36 0.00	34.81 0.31 0.00	34.80 0.31 0.00	36.25 0.25 0.00	40.93 0.37 0.00	53.12 0.37 0.00	65.44 0.45 0.00	55.22 0.11 0.00	43.37 0.00 0.00	38.23 -0.23 0.00	34.95 -0.32 0.00	33.19 -0.34 0.00	32.15 -0.36 0.00	30.50 -0.40 0.00	30.68 -0.37 0.00	33.97 -0.38 0.00	38.90 -0.35 0.00	47.77 -0.34 0.00	54.61 -0.22 0.00	50.06 -0.24 -2.95	42.31 -0.37 -1.72	37.37 -0.19 0.00	35.38 -0.18 0.00

CORONA V_69_KV_TB1 355595	39.81 1.93 0.00	38.07 1.71 0.00	36.05 1.55 0.00	35.97 1.48 0.00	37.76 1.76 0.00	42.80 2.23 0.00	58.99 3.32 -2.92	71.54 4.29 -2.27	59.02 3.91 0.00	46.62 3.17 -0.08	41.59 2.92 -0.21	37.82 2.50 -0.05	35.84 2.31 0.00	34.71 2.21 0.00	33.26 2.23 -0.13	33.35 2.27 -0.03	36.96 2.61 0.00	42.94 3.10 -0.58	56.73 3.90 -4.73	59.32 4.50 0.00	56.11 3.88 -4.88	52.23 3.40 -7.88	40.88 2.89 -0.43	38.01 2.45 0.00
CORTLAND_115KV_TB3 80093	38.03 0.15 0.00	36.47 0.11 0.00	34.56 0.07 0.00	34.52 0.03 0.00	36.00 0.00 0.00	40.61 0.04 0.00	52.65 -0.11 0.00	64.85 -0.13 0.00	54.84 -0.28 0.00	43.11 -0.26 0.00	38.08 -0.38 0.00	34.84 -0.42 0.00	33.12 -0.40 0.00	32.08 -0.42 0.00	30.47 -0.43 0.00	30.62 -0.43 0.00	33.87 -0.48 0.00	38.74 -0.51 0.00	47.48 -0.63 0.00	54.28 -0.55 0.00	47.52 -0.52 -0.69	40.78 -0.57 -0.40	37.19 -0.38 0.00	35.23 -0.32 0.00
COXSACKIE__GT 23611	40.15 2.27 0.00	38.51 2.14 0.00	36.53 2.03 0.00	36.52 2.03 0.00	38.30 2.31 0.00	43.33 2.76 0.00	57.60 4.85 0.00	70.96 5.97 0.00	59.36 4.24 0.00	45.97 2.60 0.00	40.23 1.77 0.00	36.75 1.48 0.00	34.90 1.38 0.00	33.84 1.33 0.00	32.30 1.39 0.00	32.58 1.52 0.00	36.31 1.96 0.00	41.69 2.43 0.00	51.38 3.27 0.00	59.05 4.22 0.00	50.95 3.60 0.00	44.03 3.07 0.00	40.19 2.63 0.00	38.08 2.52 0.00
CPV_VALLEY__CC1 323721	38.52 0.64 0.00	36.98 0.62 0.00	35.05 0.55 0.00	35.04 0.55 0.00	36.64 0.65 0.00	41.30 0.73 0.00	53.86 1.11 0.00	66.61 1.63 0.00	56.71 1.60 0.00	44.72 1.35 0.00	39.69 1.23 0.00	36.29 1.02 0.00	34.50 0.97 0.00	33.48 0.97 0.00	31.90 0.99 -0.01	32.05 0.99 0.00	35.45 1.10 0.00	40.55 1.29 0.00	49.74 1.64 0.00	56.80 1.97 0.00	49.05 1.70 0.00	42.51 1.56 0.00	38.76 1.20 0.00	36.73 1.17 0.00
CPV_VALLEY__CC2 323722	38.52 0.64 0.00	36.98 0.62 0.00	35.05 0.55 0.00	35.04 0.55 0.00	36.64 0.65 0.00	41.30 0.73 0.00	53.86 1.11 0.00	66.61 1.63 0.00	56.71 1.60 0.00	44.72 1.35 0.00	39.69 1.23 0.00	36.29 1.02 0.00	34.50 0.97 0.00	33.48 0.97 0.00	31.90 0.99 -0.01	32.05 0.99 0.00	35.45 1.10 0.00	40.55 1.29 0.00	49.74 1.64 0.00	56.80 1.97 0.00	49.05 1.70 0.00	42.51 1.56 0.00	38.76 1.20 0.00	36.73 1.17 0.00
CRESCENT__HYD 24018	38.86 0.98 0.00	37.35 0.98 0.00	35.43 0.93 0.00	35.42 0.93 0.00	37.04 1.04 0.00	41.78 1.22 0.00	54.60 1.85 0.00	67.12 2.14 0.00	56.99 1.87 0.00	44.67 1.30 0.00	39.65 1.19 0.00	36.32 1.06 0.00	34.50 0.97 0.00	33.45 0.94 0.00	31.87 0.96 0.00	32.08 1.02 0.00	35.48 1.13 0.00	40.74 1.49 0.00	50.13 2.02 0.00	57.13 2.30 0.00	49.38 2.03 0.00	42.88 1.93 0.00	39.18 1.61 0.00	37.08 1.53 0.00
CRICKET__VALLEY_CC1 323756	38.75 0.87 0.00	37.24 0.87 0.00	35.29 0.79 0.00	35.31 0.83 0.00	36.93 0.93 0.00	41.58 1.01 0.00	54.33 1.58 0.00	66.93 1.95 0.00	57.09 1.98 0.00	44.89 1.52 0.00	39.92 1.46 0.00	36.53 1.27 0.00	34.77 1.24 0.00	33.74 1.23 0.00	32.17 1.27 0.00	32.36 1.30 0.00	35.76 1.41 0.00	40.90 1.65 0.00	50.22 2.11 0.00	57.30 2.47 0.00	49.53 2.18 0.00	42.96 2.01 0.00	39.14 1.58 0.00	37.15 1.60 0.00
CRICKET__VALLEY_CC2 323757	38.75 0.87 0.00	37.24 0.87 0.00	35.29 0.79 0.00	35.31 0.83 0.00	36.93 0.93 0.00	41.58 1.01 0.00	54.33 1.58 0.00	66.93 1.95 0.00	57.09 1.98 0.00	44.89 1.52 0.00	39.92 1.46 0.00	36.53 1.27 0.00	34.77 1.24 0.00	33.74 1.23 0.00	32.17 1.27 0.00	32.36 1.30 0.00	35.76 1.41 0.00	40.90 1.65 0.00	50.22 2.11 0.00	57.30 2.47 0.00	49.53 2.18 0.00	42.96 2.01 0.00	39.14 1.58 0.00	37.15 1.60 0.00
CRICKET__VALLEY_CC3 323758	38.75 0.87 0.00	37.24 0.87 0.00	35.29 0.79 0.00	35.31 0.83 0.00	36.93 0.93 0.00	41.58 1.01 0.00	54.33 1.58 0.00	66.93 1.95 0.00	57.09 1.98 0.00	44.89 1.52 0.00	39.92 1.46 0.00	36.53 1.27 0.00	34.77 1.24 0.00	33.74 1.23 0.00	32.17 1.27 0.00	32.36 1.30 0.00	35.76 1.41 0.00	40.90 1.65 0.00	50.22 2.11 0.00	57.30 2.47 0.00	49.53 2.18 0.00	42.96 2.01 0.00	39.14 1.58 0.00	37.15 1.60 0.00
CRUCIBLE_METL_DRP 24180	37.42 -0.45 0.00	35.89 -0.47 0.00	34.01 -0.48 0.00	34.00 -0.48 0.00	35.46 -0.54 0.00	39.96 -0.61 0.00	51.64 -1.11 0.00	63.62 -1.36 0.00	53.84 -1.27 0.00	42.42 -0.95 0.00	37.54 -0.92 0.00	34.42 -0.85 0.00	32.69 -0.84 0.00	31.69 -0.81 0.00	30.10 -0.80 0.00	30.25 -0.81 0.00	33.42 -0.93 0.00	38.15 -1.10 0.00	46.66 -1.44 0.00	53.29 -1.54 0.00	46.07 -1.28 0.00	39.77 -1.19 0.00	36.70 -0.86 0.00	34.77 -0.78 0.00
DAHOWA__HYDRO 323763	39.05 1.18 0.00	37.53 1.16 0.00	35.57 1.07 0.00	35.56 1.07 0.00	37.25 1.26 0.00	42.07 1.50 0.00	55.07 2.32 0.00	67.84 2.86 0.00	57.32 2.21 0.00	44.80 1.43 0.00	39.96 1.50 0.00	36.47 1.20 0.00	34.53 1.00 0.00	33.45 0.94 0.00	31.87 0.96 0.00	32.11 1.06 0.00	35.66 1.31 0.00	41.14 1.88 0.00	50.89 2.79 0.00	58.01 3.18 0.00	50.05 2.70 0.00	43.41 2.46 0.00	39.66 2.10 0.00	37.54 1.99 0.00
DANC__LFGE 323619	37.54 -0.34 0.00	36.07 -0.29 0.00	34.18 -0.31 0.00	34.14 -0.34 0.00	35.64 -0.36 0.00	40.20 -0.37 0.00	52.28 -0.48 0.00	64.40 -0.59 0.00	54.17 -0.94 0.00	42.29 -1.08 0.00	37.31 -1.15 0.00	34.14 -1.13 0.00	32.39 -1.14 0.00	31.36 -1.14 0.00	29.76 -1.14 0.00	29.97 -1.09 0.00	33.25 -1.10 0.00	38.08 -1.18 0.00	46.81 -1.30 0.00	53.57 -1.26 0.00	46.31 -1.04 0.00	39.93 -1.02 0.00	36.55 -1.01 0.00	34.56 -1.00 0.00
DANSKAMMER__1 23586	39.32 1.44 0.00	37.71 1.35 0.00	35.74 1.24 0.00	35.76 1.28 0.00	37.40 1.40 0.00	42.23 1.66 0.00	55.23 2.48 0.00	68.30 3.31 0.00	58.14 3.03 0.00	45.71 2.34 0.00	40.54 2.08 0.00	36.99 1.73 0.00	35.17 1.64 0.00	34.13 1.62 0.00	32.54 1.64 0.00	32.73 1.68 0.00	36.20 1.85 0.00	41.53 2.28 0.00	50.94 2.84 0.00	58.28 3.46 0.00	50.29 2.94 0.00	43.50 2.54 0.00	39.59 2.03 0.00	37.54 1.99 0.00
DANSKAMMER__2 23589	39.32 1.44 0.00	37.71 1.35 0.00	35.74 1.24 0.00	35.76 1.28 0.00	37.40 1.40 0.00	42.23 1.66 0.00	55.23 2.48 0.00	68.30 3.31 0.00	58.14 3.03 0.00	45.71 2.34 0.00	40.54 2.08 0.00	36.99 1.73 0.00	35.17 1.64 0.00	34.13 1.62 0.00	32.54 1.64 0.00	32.73 1.68 0.00	36.20 1.85 0.00	41.53 2.28 0.00	50.94 2.84 0.00	58.28 3.46 0.00	50.29 2.94 0.00	43.50 2.54 0.00	39.59 2.03 0.00	37.54 1.99 0.00
DANSKAMMER__3 23590	39.32 1.44 0.00	37.71 1.35 0.00	35.74 1.24 0.00	35.76 1.28 0.00	37.40 1.40 0.00	42.23 1.66 0.00	55.23 2.48 0.00	68.30 3.31 0.00	58.14 3.03 0.00	45.71 2.34 0.00	40.54 2.08 0.00	36.99 1.73 0.00	35.17 1.64 0.00	34.13 1.62 0.00	32.54 1.64 0.00	32.73 1.68 0.00	36.20 1.85 0.00	41.53 2.28 0.00	50.94 2.84 0.00	58.28 3.46 0.00	50.29 2.94 0.00	43.50 2.54 0.00	39.59 2.03 0.00	37.54 1.99 0.00

DANSKAMMER___4 23591	39.32 1.44 0.00	37.71 1.35 0.00	35.74 1.24 0.00	35.76 1.28 0.00	37.40 1.40 0.00	42.23 1.66 0.00	55.23 2.48 0.00	68.30 3.31 0.00	58.14 3.03 0.00	45.71 2.34 0.00	40.54 2.08 0.00	36.99 1.73 0.00	35.17 1.64 0.00	34.13 1.62 0.00	32.54 1.64 0.00	32.73 1.68 0.00	36.20 1.85 0.00	41.53 2.28 0.00	50.94 2.84 0.00	58.28 3.46 0.00	50.29 2.94 0.00	43.50 2.54 0.00	39.59 2.03 0.00	37.54 1.99 0.00
DANSKAMMER___DIESEL 23592	39.28 1.40 0.00	37.71 1.35 0.00	35.77 1.28 0.00	35.73 1.24 0.00	37.44 1.44 0.00	42.19 1.62 0.00	55.23 2.48 0.00	68.30 3.31 0.00	58.09 2.98 0.00	45.71 2.34 0.00	40.46 2.00 0.00	36.99 1.73 0.00	35.17 1.64 0.00	34.13 1.63 0.00	32.54 1.64 0.00	32.70 1.65 0.00	36.21 1.85 0.00	41.53 2.28 0.00	50.94 2.84 0.00	58.28 3.45 0.00	50.29 2.94 0.00	43.50 2.54 0.00	39.59 2.03 0.00	37.47 1.92 0.00
DARBY___SOLAR 323810	39.01 1.14 0.00	37.45 1.09 0.00	35.53 1.03 0.00	35.52 1.03 0.00	37.18 1.19 0.00	41.98 1.42 0.00	54.91 2.16 0.00	67.65 2.67 0.00	57.21 2.09 0.00	44.72 1.35 0.00	39.84 1.38 0.00	36.39 1.13 0.00	34.46 0.94 0.00	33.38 0.88 0.00	31.80 0.90 0.00	32.05 0.99 0.00	35.59 1.23 0.00	40.98 1.73 0.00	50.70 2.60 0.00	57.79 2.96 0.00	49.91 2.56 0.00	43.29 2.33 0.00	39.55 1.99 0.00	37.44 1.88 0.00
DASHVILLE___HYD 23610	39.05 1.17 0.00	37.46 1.09 0.00	35.53 1.03 0.00	35.52 1.03 0.00	37.18 1.19 0.00	41.86 1.30 0.00	54.81 2.06 0.00	67.65 2.66 0.00	57.48 2.37 0.00	45.24 1.86 0.00	40.04 1.58 0.00	36.68 1.41 0.00	34.87 1.34 0.00	33.84 1.33 0.00	32.27 1.36 0.00	32.42 1.37 0.00	35.90 1.55 0.00	41.14 1.88 0.00	50.46 2.36 0.00	57.73 2.91 0.00	49.81 2.46 0.00	43.13 2.17 0.00	39.29 1.73 0.00	37.22 1.67 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	39.47 1.59 0.00	37.67 1.31 0.00	35.67 1.17 0.00	35.52 1.03 0.00	37.29 1.30 0.00	42.84 2.27 0.00	59.73 4.06 -2.92	72.19 4.94 -2.27	59.41 4.30 0.00	46.37 2.99 -0.01	41.37 2.88 -0.02	37.79 2.47 -0.05	35.84 2.31 0.00	34.75 2.24 0.00	33.63 2.60 -0.13	33.63 2.55 -0.03	37.44 3.09 0.00	43.53 3.77 -0.51	57.55 4.71 -4.73	60.15 5.32 0.00	56.91 4.69 -4.88	53.34 4.51 -7.88	41.34 3.53 -0.24	38.29 2.74 0.00
DELAWARE___LFGE 323621	38.75 0.87 0.00	37.16 0.80 0.00	35.25 0.76 0.00	35.21 0.72 0.00	36.79 0.79 0.00	41.50 0.93 0.00	54.12 1.37 0.00	66.74 1.75 0.00	56.66 1.54 0.00	44.46 1.08 0.00	39.31 0.85 0.00	35.97 0.71 0.00	34.20 0.67 0.00	33.15 0.65 0.00	31.52 0.62 0.00	31.65 0.59 0.00	35.04 0.69 0.00	40.12 0.86 0.00	49.31 1.20 0.00	56.31 1.48 0.00	48.58 1.23 0.00	42.02 1.06 0.00	38.43 0.86 0.00	36.37 0.82 0.00
DERFIELD_115KV_TB7 355931	37.99 0.11 0.00	36.47 0.11 0.00	34.60 0.10 0.00	34.59 0.10 0.00	36.14 0.14 0.00	40.73 0.16 0.00	53.02 0.26 0.00	65.31 0.32 0.00	55.44 0.33 0.00	43.59 0.22 0.00	38.65 0.19 0.00	35.44 0.18 0.00	33.69 0.17 0.00	32.67 0.16 0.00	31.06 0.15 0.00	31.21 0.16 0.00	34.52 0.17 0.00	39.49 0.24 0.00	48.44 0.34 0.00	55.16 0.33 0.00	47.63 0.28 0.00	41.24 0.29 0.00	37.75 0.19 0.00	35.73 0.18 0.00
DOGLEVILLE___HYD 23807	36.93 -0.95 0.00	35.49 -0.87 0.00	33.67 -0.83 0.00	33.66 -0.83 0.00	35.17 -0.83 0.00	39.71 -0.85 0.00	51.75 -1.00 0.00	63.82 -1.17 0.00	54.17 -0.94 0.00	42.50 -0.87 0.00	37.77 -0.69 0.00	34.60 -0.67 0.00	32.89 -0.64 0.00	31.85 -0.65 0.00	30.29 -0.62 0.00	30.40 -0.65 0.00	33.60 -0.76 0.00	38.31 -0.94 0.00	46.85 -1.25 0.00	53.29 -1.53 0.00	46.02 -1.33 0.00	39.89 -1.07 0.00	36.44 -1.13 0.00	34.52 -1.03 0.00
DUNKIRK___115KV_TB_200 55889	38.48 0.61 0.00	36.44 0.07 0.00	34.36 -0.14 0.00	34.35 -0.14 0.00	35.35 -0.65 0.00	39.88 -0.69 0.00	50.80 -1.95 0.00	62.32 -2.66 0.00	52.25 -2.87 0.00	41.94 -1.43 0.00	37.11 -1.35 0.00	33.89 -1.38 0.00	32.08 -1.44 0.00	31.11 -1.40 0.00	29.42 -1.48 0.00	29.50 -1.55 0.00	32.22 -2.13 0.00	36.31 -2.94 0.00	43.68 -4.43 0.00	49.67 -5.15 0.01	41.17 -5.11 1.06	35.87 -4.46 0.63	34.33 -3.23 0.00	32.60 -2.95 0.00
DUNKIRK___1 23563	38.48 0.61 0.00	36.44 0.07 0.00	34.36 -0.14 0.00	34.35 -0.14 0.00	35.35 -0.65 0.00	39.88 -0.69 0.00	50.80 -1.95 0.00	62.32 -2.66 0.00	52.25 -2.87 0.00	41.94 -1.43 0.00	37.11 -1.35 0.00	33.89 -1.38 0.00	32.08 -1.44 0.00	31.11 -1.40 0.00	29.42 -1.48 0.00	29.50 -1.55 0.00	32.22 -2.13 0.00	36.31 -2.94 0.00	43.68 -4.43 0.00	49.67 -5.15 0.01	41.17 -5.11 1.06	35.87 -4.46 0.63	34.33 -3.23 0.00	32.60 -2.95 0.00
DUNKIRK___2 23564	38.48 0.61 0.00	36.44 0.07 0.00	34.36 -0.14 0.00	34.35 -0.14 0.00	35.35 -0.65 0.00	39.88 -0.69 0.00	50.80 -1.95 0.00	62.32 -2.66 0.00	52.25 -2.87 0.00	41.94 -1.43 0.00	37.11 -1.35 0.00	33.89 -1.38 0.00	32.08 -1.44 0.00	31.11 -1.40 0.00	29.42 -1.48 0.00	29.50 -1.55 0.00	32.22 -2.13 0.00	36.31 -2.94 0.00	43.68 -4.43 0.00	49.67 -5.15 0.01	41.17 -5.11 1.06	35.87 -4.46 0.63	34.33 -3.23 0.00	32.60 -2.95 0.00
DUNKIRK___3 23565	38.18 0.30 0.00	36.18 -0.18 0.00	34.12 -0.38 0.00	34.14 -0.34 0.00	35.13 -0.86 0.00	39.67 -0.89 0.00	50.48 -2.27 0.00	61.93 -3.05 0.00	51.97 -3.14 0.00	41.72 -1.65 0.00	36.92 -1.54 0.00	33.68 -1.59 0.00	31.92 -1.61 0.00	30.94 -1.56 0.00	29.27 -1.64 0.00	29.35 -1.71 0.00	32.08 -2.27 0.00	36.19 -3.06 0.00	43.58 -4.52 0.00	49.56 -5.26 0.01	41.14 -5.11 1.10	35.89 -4.42 0.65	34.33 -3.23 0.00	32.64 -2.92 0.00
DUNKIRK___4 23566	38.18 0.30 0.00	36.18 -0.18 0.00	34.12 -0.38 0.00	34.14 -0.34 0.00	35.13 -0.86 0.00	39.67 -0.89 0.00	50.48 -2.27 0.00	61.93 -3.05 0.00	51.97 -3.14 0.00	41.72 -1.65 0.00	36.92 -1.54 0.00	33.68 -1.59 0.00	31.92 -1.61 0.00	30.94 -1.56 0.00	29.27 -1.64 0.00	29.35 -1.71 0.00	32.08 -2.27 0.00	36.19 -3.06 0.00	43.58 -4.52 0.00	49.56 -5.26 0.01	41.14 -5.11 1.10	35.89 -4.42 0.65	34.33 -3.23 0.00	32.64 -2.92 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	39.28 1.40 0.00	37.71 1.35 0.00	35.70 1.21 0.00	35.69 1.21 0.00	37.36 1.37 0.00	42.11 1.54 0.00	55.13 2.37 0.00	68.10 3.12 0.00	58.14 3.03 0.00	45.84 2.47 0.00	40.71 2.23 -0.02	37.36 2.01 -0.09	35.44 1.91 0.00	34.36 1.85 0.00	32.93 1.85 -0.17	32.96 1.86 -0.04	36.41 2.06 0.00	41.65 2.39 0.00	51.18 3.08 0.00	58.39 3.56 0.00	50.38 3.03 0.00	43.66 2.70 0.00	39.70 2.14 0.00	37.51 1.96 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	38.98 1.10 0.00	37.42 1.05 0.00	35.46 0.97 0.00	35.42 0.93 0.00	37.08 1.08 0.00	41.78 1.22 0.00	54.70 1.95 0.00	67.58 2.60 0.00	57.54 2.42 0.00	45.28 1.91 0.00	40.11 1.65 0.00	36.71 1.45 0.00	34.93 1.41 0.00	33.87 1.37 0.00	32.30 1.39 0.00	32.45 1.40 0.00	35.93 1.58 0.00	41.14 1.88 0.00	50.46 2.36 0.00	57.73 2.91 0.00	49.81 2.46 0.00	43.13 2.17 0.00	39.25 1.69 0.00	37.15 1.60 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	39.55 1.67 -0.01	37.94 1.56 -0.01	35.92 1.41 -0.01	35.87 1.38 -0.01	37.55 1.55 -0.01	42.28 1.70 -0.01	55.13 2.37 0.00	67.97 2.99 0.00	58.25 3.14 0.00	46.10 2.73 0.00	40.97 2.50 -0.01	37.55 2.22 -0.06	35.65 2.11 -0.01	34.54 2.05 0.01	33.09 2.04 -0.14	33.17 2.08 -0.04	36.61 2.27 0.01	41.87 2.63 0.01	51.33 3.22 0.00	58.50 3.67 0.00	50.52 3.17 0.00	43.78 2.83 0.00	39.94 2.37 -0.01	37.73 2.17 -0.01
E179THST_13_KV_LOAD 356214	39.70 1.82 -0.01	38.08 1.71 -0.01	36.06 1.55 -0.01	36.01 1.52 -0.01	37.70 1.69 -0.01	42.44 1.87 -0.01	55.34 2.58 0.00	68.23 3.25 0.00	58.47 3.36 0.00	46.28 2.91 0.00	41.13 2.65 -0.01	37.69 2.36 -0.06	35.81 2.28 -0.01	34.67 2.18 0.01	33.24 2.19 -0.14	33.30 2.21 -0.04	36.75 2.40 0.01	42.07 2.83 0.01	51.57 3.46 0.00	58.78 3.95 0.00	50.71 3.36 0.00	43.99 3.03 0.00	40.09 2.52 -0.01	37.87 2.31 -0.01
EAST HAMPTON___GT 23717	39.47 1.59 0.00	37.67 1.31 0.00	35.74 1.24 0.00	35.87 1.38 0.00	37.22 1.22 0.00	43.16 2.60 0.00	59.42 3.75 -2.93	71.94 4.68 -2.28	59.42 4.30 -0.01	46.33 2.95 -0.01	41.61 3.11 -0.03	37.61 2.29 -0.05	35.40 1.88 0.00	34.78 2.27 0.00	33.85 2.81 -0.13	33.79 2.70 -0.03	37.18 2.82 -0.01	43.77 4.01 -0.51	57.84 5.00 -4.73	60.43 5.60 -0.01	57.16 4.92 -4.88	53.51 4.67 -7.89	41.42 3.61 -0.25	38.75 3.20 0.00
EAST RIVER___6 23660	39.43 1.55 0.00	37.82 1.46 0.00	35.77 1.28 0.00	35.83 1.34 0.00	37.44 1.44 0.00	42.31 1.74 0.00	55.23 2.48 0.00	68.23 3.25 0.00	58.59 3.47 0.00	46.15 2.78 0.00	41.06 2.58 -0.02	38.20 2.22 -0.71	35.65 2.11 -0.01	34.55 2.05 0.00	34.86 2.07 -1.89	33.55 2.08 -0.42	36.58 2.23 0.00	41.88 2.63 0.00	51.47 3.37 0.00	58.66 3.84 0.00	50.61 3.26 0.00	43.82 2.87 0.00	39.85 2.29 0.00	37.76 2.21 0.00
EAST RIVER___7 23524	39.43 1.55 0.00	37.82 1.46 0.00	35.77 1.28 0.00	35.83 1.34 0.00	37.44 1.44 0.00	42.31 1.74 0.00	55.23 2.48 0.00	68.23 3.25 0.00	58.59 3.47 0.00	46.15 2.78 0.00	41.06 2.58 -0.02	38.20 2.22 -0.71	35.65 2.11 -0.01	34.55 2.05 0.00	34.86 2.07 -1.89	33.55 2.08 -0.42	36.58 2.23 0.00	41.88 2.63 0.00	51.47 3.37 0.00	58.66 3.84 0.00	50.61 3.26 0.00	43.82 2.87 0.00	39.85 2.29 0.00	37.76 2.21 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	39.20 1.33 0.00	37.64 1.27 0.00	35.67 1.17 0.00	35.62 1.14 0.00	37.29 1.30 0.00	42.03 1.46 0.00	55.02 2.27 0.00	67.97 2.99 0.00	57.98 2.87 0.00	45.71 2.34 0.00	40.58 2.12 -0.01	37.22 1.90 -0.05	35.34 1.81 0.00	34.26 1.76 0.00	32.75 1.73 -0.11	32.85 1.77 -0.02	36.31 1.96 0.00	41.53 2.28 0.00	51.04 2.93 0.00	58.23 3.40 0.00	50.29 2.94 0.00	43.54 2.58 0.00	39.63 2.07 0.00	37.44 1.88 0.00
EAST_HAMPTON___DIESEL 23722	39.43 1.55 0.00	37.64 1.27 0.00	35.70 1.21 0.00	35.80 1.31 0.00	37.15 1.15 0.00	43.08 2.52 0.00	59.32 3.64 -2.93	71.88 4.61 -2.28	59.31 4.19 -0.01	46.24 2.86 -0.01	41.57 3.08 -0.03	37.58 2.26 -0.05	35.37 1.84 0.00	34.78 2.27 0.00	33.82 2.78 -0.13	33.79 2.70 -0.03	37.18 2.82 -0.01	43.77 4.01 -0.51	57.80 4.96 -4.73	60.37 5.54 -0.01	57.11 4.88 -4.88	53.51 4.67 -7.89	41.42 3.61 -0.25	38.75 3.20 0.00
EAST_POINT___SOLAR 323840	40.72 2.84 0.00	39.02 2.65 0.00	36.98 2.49 0.00	36.97 2.48 0.00	38.77 2.77 0.00	43.81 3.25 0.00	57.39 4.64 0.00	70.76 5.78 0.00	59.57 4.46 0.00	45.15 1.78 0.00	39.00 0.54 0.00	35.41 0.14 0.00	33.43 -0.10 0.00	32.89 0.39 0.00	31.28 0.37 0.00	31.40 0.34 0.00	35.00 0.65 0.00	41.14 1.88 0.00	51.91 3.80 0.00	59.60 4.77 0.00	51.33 3.98 0.00	44.48 3.52 0.00	40.72 3.16 0.00	38.40 2.85 0.00
EAST_PULASKI___ESR 323781	37.12 -0.76 0.00	35.64 -0.73 0.00	33.81 -0.69 0.00	33.76 -0.73 0.00	35.24 -0.76 0.00	39.71 -0.85 0.00	51.43 -1.32 0.00	63.29 -1.69 0.00	53.40 -1.71 0.00	41.90 -1.47 0.00	37.00 -1.46 0.00	33.96 -1.30 0.00	32.25 -1.27 0.00	31.27 -1.24 0.00	29.67 -1.24 0.00	29.84 -1.21 0.00	33.05 -1.31 0.00	37.76 -1.49 0.00	46.33 -1.78 0.00	52.96 -1.86 0.00	45.79 -1.56 0.00	39.52 -1.43 0.00	36.36 -1.20 0.00	34.38 -1.17 0.00
EAST_RIVER___1 323558	39.43 1.55 0.00	37.82 1.46 0.00	35.81 1.31 0.00	35.83 1.34 0.00	37.47 1.48 0.00	42.31 1.74 0.00	55.28 2.53 0.00	68.36 3.38 0.00	58.59 3.47 0.00	46.15 2.78 0.00	41.06 2.58 -0.02	38.18 2.22 -0.69	35.65 2.11 -0.01	34.55 2.05 0.00	34.82 2.07 -1.84	33.54 2.08 -0.40	36.58 2.23 0.00	41.88 2.63 0.00	51.47 3.37 0.00	58.66 3.84 0.00	50.61 3.26 0.00	43.82 2.87 0.00	39.89 2.33 0.00	37.76 2.21 0.00
EAST_RIVER___2 323559	39.43 1.55 0.00	37.82 1.46 0.00	35.77 1.28 0.00	35.83 1.34 0.00	37.44 1.44 0.00	42.31 1.74 0.00	55.23 2.48 0.00	68.23 3.25 0.00	58.59 3.47 0.00	46.15 2.78 0.00	41.06 2.58 -0.02	38.20 2.22 -0.71	35.65 2.11 -0.01	34.55 2.05 0.00	34.86 2.07 -1.89	33.55 2.08 -0.42	36.58 2.23 0.00	41.88 2.63 0.00	51.47 3.37 0.00	58.66 3.84 0.00	50.61 3.26 0.00	43.82 2.87 0.00	39.85 2.29 0.00	37.76 2.21 0.00
EAST___DELAWARE_HYD 23607	39.20 1.33 0.00	37.64 1.27 0.00	35.67 1.17 0.00	35.66 1.17 0.00	37.36 1.37 0.00	42.15 1.58 0.00	55.07 2.32 0.00	68.17 3.18 0.00	57.92 2.81 0.00	45.41 2.04 0.00	40.15 1.69 0.00	36.64 1.37 0.00	34.73 1.21 0.00	33.57 1.07 0.00	32.02 1.11 0.00	32.21 1.15 0.00	35.66 1.31 0.00	40.94 1.69 0.00	50.22 2.11 0.00	57.62 2.79 0.00	49.67 2.32 0.00	42.92 1.97 0.00	39.07 1.50 0.00	37.05 1.49 0.00
EIGHT_POINT___WT_PWR 323820	38.18 0.30 0.00	36.33 -0.04 0.00	34.46 -0.03 0.00	34.35 -0.14 0.00	35.64 -0.36 0.00	40.16 -0.41 0.00	51.96 -0.79 0.00	63.49 -1.49 0.00	53.02 -2.09 0.00	41.90 -1.47 0.00	36.65 -1.81 0.00	33.64 -1.62 0.00	31.88 -1.64 0.00	30.85 -1.66 0.00	29.11 -1.79 0.00	29.19 -1.86 0.00	32.22 -2.13 0.00	36.74 -2.51 0.00	44.98 -3.13 0.00	51.25 -3.62 -0.04	46.15 -3.45 -2.25	38.96 -3.36 -1.36	34.90 -2.67 0.00	33.03 -2.52 0.00
ELBRIDGE_115KV_TB2 80188	37.27 -0.61 0.00	35.71 -0.65 0.00	33.87 -0.62 0.00	33.87 -0.62 0.00	35.28 -0.72 0.00	39.75 -0.81 0.00	51.38 -1.37 0.00	63.29 -1.69 0.00	53.57 -1.54 0.00	42.20 -1.17 0.00	37.34 -1.12 0.00	34.24 -1.02 0.00	32.55 -0.97 0.00	31.53 -0.98 0.00	29.95 -0.96 0.00	30.09 -0.96 0.00	33.25 -1.10 0.00	37.96 -1.30 0.00	46.42 -1.68 0.00	53.02 -1.81 0.00	45.83 -1.52 0.00	39.56 -1.39 0.00	36.51 -1.05 0.00	34.59 -0.96 0.00
ELEC_TRO_TEK 24086	39.58 1.70 0.00	37.86 1.49 0.00	35.84 1.35 0.00	35.80 1.31 0.00	37.58 1.58 0.00	42.55 1.99 0.00	58.73 3.06 -2.92	71.28 4.03 -2.27	58.75 3.64 0.00	46.32 2.91 -0.04	41.26 2.69 -0.11	37.65 2.33 -0.05	35.67 2.15 0.00	34.55 2.05 0.00	33.14 2.10 -0.13	33.23 2.14 -0.03	36.79 2.44 0.00	42.70 2.90 -0.54	56.49 3.66 -4.73	59.05 4.22 0.00	55.87 3.65 -4.88	52.03 3.19 -7.88	40.52 2.63 -0.32	37.83 2.28 0.00

ELLENBURG_WT_PWR 323604	38.33 0.46 0.00	36.94 0.58 0.00	35.08 0.59 0.00	35.11 0.62 0.00	36.61 0.61 0.00	41.30 0.73 0.00	53.91 1.16 0.00	66.67 1.69 0.00	56.32 1.21 0.00	44.32 0.95 0.00	39.38 0.92 0.00	36.04 0.77 0.00	34.23 0.71 0.00	33.19 0.68 0.00	31.52 0.62 0.00	31.68 0.62 0.00	35.07 0.72 0.00	40.08 0.83 0.00	49.02 0.91 0.00	55.65 0.82 0.00	47.82 0.47 0.00	41.25 0.29 0.00	37.71 0.15 0.00	35.55 0.00 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	37.23 -0.64 0.00	35.31 -1.05 0.00	33.29 -1.21 0.00	33.42 -1.07 0.00	34.45 -1.55 0.00	38.98 -1.58 0.00	49.27 -3.48 0.00	60.30 -4.68 0.00	50.81 -4.30 0.00	40.81 -2.56 0.00	36.15 -2.31 0.00	32.94 -2.33 0.00	31.21 -2.31 0.00	30.29 -2.21 0.00	28.68 -2.23 0.00	28.82 -2.24 0.00	31.50 -2.85 0.00	35.56 -3.69 0.00	42.91 -5.20 0.00	48.73 -6.09 0.01	40.71 -5.40 1.24	35.60 -4.63 0.73	34.11 -3.46 0.00	32.28 -3.27 0.00
EMPIRE_CC_1 323656	38.56 0.68 0.00	37.05 0.69 0.00	35.15 0.65 0.00	35.14 0.65 0.00	36.75 0.76 0.00	41.42 0.85 0.00	53.91 1.16 0.00	66.21 1.23 0.00	56.32 1.21 0.00	44.24 0.87 0.00	39.31 0.85 0.00	36.11 0.85 0.00	34.33 0.80 0.00	33.28 0.78 0.00	31.71 0.80 0.00	31.92 0.87 0.00	35.28 0.93 0.00	40.35 1.10 0.00	49.55 1.44 0.00	56.36 1.53 0.00	48.86 1.51 0.00	42.43 1.47 0.00	38.84 1.28 0.00	36.80 1.24 0.00
EMPIRE_CC_2 323658	38.56 0.68 0.00	37.05 0.69 0.00	35.15 0.65 0.00	35.14 0.65 0.00	36.75 0.76 0.00	41.42 0.85 0.00	53.91 1.16 0.00	66.21 1.23 0.00	56.32 1.21 0.00	44.24 0.87 0.00	39.31 0.85 0.00	36.11 0.85 0.00	34.33 0.80 0.00	33.28 0.78 0.00	31.71 0.80 0.00	31.92 0.87 0.00	35.28 0.93 0.00	40.35 1.10 0.00	49.55 1.44 0.00	56.36 1.53 0.00	48.86 1.51 0.00	42.43 1.47 0.00	38.84 1.28 0.00	36.80 1.24 0.00
ENORWICH_115KV_TB1 80156	40.00 2.12 0.00	38.44 2.07 0.00	36.39 1.90 0.00	36.38 1.90 0.00	38.01 2.02 0.00	43.00 2.43 0.00	56.23 3.48 0.00	69.53 4.55 0.00	58.42 3.31 0.00	45.15 1.78 0.00	39.58 1.12 0.00	35.94 0.67 0.00	34.03 0.50 0.00	32.86 0.36 0.00	31.12 0.22 0.00	31.43 0.37 0.00	34.97 0.62 0.00	40.35 1.10 0.00	49.93 1.83 0.00	57.19 2.36 0.00	50.13 1.75 -1.03	42.75 1.19 -0.60	38.43 0.86 0.00	36.34 0.78 0.00
ERIE_ST__34_KV_TB1-2 80199	37.95 0.08 0.00	35.96 -0.40 0.00	33.94 -0.55 0.00	34.04 -0.45 0.00	35.10 -0.90 0.00	39.71 -0.85 0.00	50.48 -2.27 0.00	61.80 -3.18 0.00	52.03 -3.09 0.00	41.72 -1.65 0.00	36.92 -1.54 0.00	33.61 -1.66 0.00	31.85 -1.68 0.00	30.91 -1.59 0.00	29.27 -1.64 0.00	29.38 -1.68 0.00	32.12 -2.23 0.00	36.27 -2.98 0.00	43.78 -4.33 0.00	49.89 -4.93 0.01	40.98 -5.21 1.16	35.97 -4.30 0.68	34.71 -2.85 0.00	32.96 -2.60 0.00
ERIE_WT_PWR 323693	37.65 -0.23 0.00	35.64 -0.73 0.00	33.81 -0.69 0.00	33.73 -0.76 0.00	34.84 -1.15 0.00	39.19 -1.38 0.00	50.12 -2.64 0.00	60.95 -4.03 0.00	51.09 -4.02 0.00	41.20 -2.17 0.00	36.04 -2.42 0.00	33.29 -1.97 0.00	31.52 -2.01 0.00	30.59 -1.92 0.00	28.90 -2.01 0.00	28.98 -2.08 0.00	31.85 -2.51 0.00	35.88 -3.38 0.00	43.25 -4.86 0.00	49.17 -5.65 0.01	40.90 -5.26 1.19	35.79 -4.46 0.70	34.41 -3.16 0.00	32.67 -2.88 0.00
ESPRGFLD_115KV_TB1 80157	39.92 2.05 0.00	38.26 1.89 0.00	36.25 1.76 0.00	36.25 1.76 0.00	37.90 1.91 0.00	42.80 2.23 0.00	55.92 3.17 0.00	69.01 4.03 0.00	58.36 3.25 0.00	45.32 1.95 0.00	39.81 1.35 0.00	36.29 1.02 0.00	34.43 0.91 0.00	33.45 0.94 0.00	31.77 0.87 0.00	31.93 0.87 0.00	35.45 1.10 0.00	40.82 1.57 0.00	50.61 2.50 0.00	57.95 3.13 0.00	49.95 2.60 0.00	43.17 2.21 0.00	39.48 1.92 0.00	37.30 1.74 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	38.30 0.42 0.00	36.69 0.33 0.00	34.77 0.28 0.00	34.76 0.28 0.00	36.21 0.22 0.00	40.85 0.28 0.00	53.02 0.26 0.00	65.37 0.39 0.00	55.11 0.00 0.00	43.28 -0.09 0.00	38.19 -0.27 0.00	34.91 -0.35 0.00	33.16 -0.37 0.00	32.11 -0.39 0.00	30.47 -0.43 0.00	30.65 -0.40 0.00	33.94 -0.41 0.00	38.86 -0.39 0.00	47.72 -0.38 0.00	54.56 -0.27 0.00	49.44 -0.28 -2.37	41.93 -0.41 -1.39	37.34 -0.23 0.00	35.34 -0.21 0.00
ETNA____115KV_TB2 80207	38.30 0.42 0.00	36.69 0.33 0.00	34.77 0.28 0.00	34.76 0.28 0.00	36.21 0.22 0.00	40.85 0.28 0.00	53.02 0.26 0.00	65.37 0.39 0.00	55.11 0.00 0.00	43.28 -0.09 0.00	38.19 -0.27 0.00	34.91 -0.35 0.00	33.16 -0.37 0.00	32.11 -0.39 0.00	30.47 -0.43 0.00	30.65 -0.40 0.00	33.94 -0.41 0.00	38.86 -0.39 0.00	47.72 -0.38 0.00	54.56 -0.27 0.00	49.44 -0.28 -2.37	41.93 -0.41 -1.39	37.34 -0.23 0.00	35.34 -0.21 0.00
EUCLID____115KV_TB2 356179	37.01 -0.87 0.00	35.46 -0.91 0.00	33.63 -0.86 0.00	33.62 -0.86 0.00	35.02 -0.97 0.00	39.47 -1.10 0.00	50.96 -1.79 0.00	62.77 -2.21 0.00	53.13 -1.98 0.00	41.90 -1.47 0.00	37.11 -1.35 0.00	34.07 -1.20 0.00	32.35 -1.17 0.00	31.37 -1.14 0.00	29.79 -1.11 0.00	29.94 -1.12 0.00	33.08 -1.27 0.00	37.72 -1.53 0.00	46.13 -1.97 0.00	52.63 -2.19 0.00	45.55 -1.80 0.00	39.32 -1.64 0.00	36.32 -1.24 0.00	34.42 -1.14 0.00
E_CANADA_CAP_HY 24051	40.49 2.61 0.00	38.80 2.44 0.00	36.77 2.28 0.00	36.76 2.28 0.00	38.51 2.52 0.00	43.45 2.88 0.00	56.81 4.06 0.00	70.06 5.07 0.00	59.08 3.97 0.00	45.58 2.21 0.00	39.88 1.42 0.00	36.39 1.13 0.00	34.43 0.91 0.00	33.57 1.07 0.00	31.90 0.99 0.00	32.05 0.99 0.00	35.66 1.31 0.00	41.29 2.04 0.00	51.52 3.42 0.00	59.05 4.22 0.00	50.90 3.55 0.00	44.11 3.15 0.00	40.42 2.85 0.00	38.11 2.56 0.00
E_CANADA_MHWK_HY 24050	36.93 -0.95 0.00	35.49 -0.87 0.00	33.67 -0.83 0.00	33.66 -0.83 0.00	35.17 -0.83 0.00	39.71 -0.85 0.00	51.75 -1.00 0.00	63.82 -1.17 0.00	54.17 -0.94 0.00	42.50 -0.87 0.00	37.77 -0.69 0.00	34.60 -0.67 0.00	32.89 -0.64 0.00	31.85 -0.65 0.00	30.29 -0.62 0.00	30.40 -0.65 0.00	33.60 -0.76 0.00	38.31 -0.94 0.00	46.85 -1.25 0.00	53.29 -1.53 0.00	46.02 -1.33 0.00	39.89 -1.07 0.00	36.44 -1.13 0.00	34.52 -1.03 0.00
E_FISHKILL____LBMP 23776	38.98 1.10 0.00	37.42 1.05 0.00	35.46 0.97 0.00	35.45 0.97 0.00	37.11 1.12 0.00	41.78 1.22 0.00	54.65 1.90 0.00	67.45 2.47 0.00	57.48 2.37 0.00	45.32 1.95 0.00	40.19 1.73 0.00	36.81 1.55 0.01	35.04 1.51 0.00	33.97 1.46 0.00	32.38 1.48 0.01	32.54 1.49 0.00	36.00 1.65 0.00	41.18 1.92 0.00	50.56 2.45 0.00	57.68 2.85 0.00	49.86 2.51 0.00	43.17 2.21 0.00	39.33 1.77 0.00	37.19 1.64 0.00
FALCON____SEABRD_CC1 323796	39.05 1.18 0.00	37.75 1.38 0.00	35.84 1.34 0.00	35.90 1.41 0.00	37.44 1.44 0.00	42.15 1.58 0.00	55.13 2.38 0.00	68.36 3.38 0.00	57.65 2.54 0.00	45.41 2.04 0.00	40.31 1.85 0.00	36.89 1.62 0.00	35.04 1.51 0.00	33.93 1.43 0.00	32.20 1.30 0.00	32.36 1.30 0.00	35.83 1.48 0.00	40.98 1.73 0.00	50.03 1.93 0.00	56.75 1.92 0.00	48.67 1.32 0.00	41.86 0.90 0.00	38.24 0.68 0.00	35.98 0.43 0.00

FALCON___SEABRD_CC2 323797	39.05 1.18 0.00	37.75 1.38 0.00	35.84 1.34 0.00	35.90 1.41 0.00	37.44 1.44 0.00	42.15 1.58 0.00	55.13 2.38 0.00	68.36 3.38 0.00	57.65 2.54 0.00	45.41 2.04 0.00	40.31 1.85 0.00	36.89 1.62 0.00	35.04 1.51 0.00	33.93 1.43 0.00	32.20 1.30 0.00	32.36 1.30 0.00	35.83 1.48 0.00	40.98 1.73 0.00	50.03 1.93 0.00	56.75 1.92 0.00	48.67 1.32 0.00	41.86 0.90 0.00	38.24 0.68 0.00	35.98 0.43 0.00
FAR ROCKAWAY___4 23548	40.08 2.20 0.00	38.29 1.93 0.00	36.25 1.76 0.00	36.21 1.72 0.00	38.01 2.02 0.00	43.08 2.52 0.00	59.36 3.69 -2.92	72.06 4.81 -2.27	59.47 4.35 0.00	46.97 3.51 -0.09	41.91 3.23 -0.22	38.07 2.75 -0.05	36.08 2.55 0.00	34.91 2.41 0.00	33.48 2.44 -0.13	33.57 2.48 -0.03	37.20 2.85 0.00	43.22 3.38 -0.59	57.11 4.28 -4.73	59.82 4.99 0.00	56.49 4.26 -4.88	52.52 3.69 -7.88	41.16 3.16 -0.44	38.26 2.70 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	39.70 1.82 0.00	37.86 1.49 0.00	35.84 1.35 0.00	35.83 1.34 0.00	37.51 1.51 0.00	42.27 1.70 0.00	55.34 2.58 0.00	68.36 3.38 0.00	58.47 3.36 0.00	46.15 2.78 0.00	41.02 2.54 -0.02	38.26 2.26 -0.74	35.69 2.15 -0.01	34.58 2.08 0.00	34.92 2.07 -1.95	33.57 2.08 -0.43	36.62 2.27 0.00	41.92 2.67 0.00	51.47 3.37 0.00	58.67 3.84 0.00	50.66 3.31 0.00	43.86 2.91 0.00	39.89 2.33 0.00	37.69 2.13 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	39.47 1.59 0.00	37.86 1.49 0.00	35.84 1.35 0.00	35.83 1.34 0.00	37.51 1.51 0.00	42.31 1.74 0.00	55.34 2.58 0.00	68.36 3.38 0.00	58.47 3.36 0.00	46.15 2.78 0.00	41.02 2.54 -0.02	38.26 2.26 -0.74	35.69 2.15 -0.01	34.58 2.08 0.00	34.92 2.07 -1.95	33.57 2.08 -0.43	36.62 2.27 0.00	41.88 2.63 0.00	51.47 3.37 0.00	58.72 3.89 0.00	50.66 3.31 0.00	43.86 2.91 0.00	39.89 2.33 0.00	37.69 2.13 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	39.43 1.55 0.00	37.82 1.45 0.00	35.84 1.35 0.00	35.83 1.34 0.00	37.47 1.48 0.00	42.27 1.70 0.00	55.28 2.53 0.00	68.36 3.38 0.00	58.47 3.36 0.00	46.15 2.78 0.00	40.98 2.50 -0.02	38.22 2.22 -0.74	35.65 2.11 -0.01	34.55 2.05 0.00	34.89 2.04 -1.95	33.57 2.08 -0.43	36.62 2.27 0.00	41.88 2.63 0.00	51.47 3.37 0.00	58.67 3.84 0.00	50.62 3.27 0.00	43.82 2.87 0.00	39.89 2.33 0.00	37.69 2.13 0.00
FARRAGUT___LBMP 323566	39.39 1.52 0.00	37.82 1.45 0.00	35.81 1.31 0.00	35.80 1.31 0.00	37.47 1.48 0.00	42.23 1.66 0.00	55.28 2.53 0.00	68.30 3.31 0.00	58.42 3.31 0.00	46.10 2.73 0.00	40.94 2.46 -0.02	38.22 2.22 -0.74	35.65 2.11 -0.01	34.52 2.02 0.00	34.89 2.04 -1.95	33.53 2.05 -0.43	36.58 2.23 0.00	41.84 2.59 0.00	51.42 3.32 0.00	58.61 3.78 0.00	50.57 3.22 0.00	43.82 2.87 0.00	39.85 2.29 0.00	37.65 2.10 0.00
FENNER___WINDPWR 24204	38.37 0.49 0.00	36.84 0.47 0.00	34.91 0.42 0.00	34.87 0.38 0.00	36.43 0.43 0.00	41.05 0.49 0.00	53.44 0.68 0.00	65.83 0.84 0.00	55.66 0.55 0.00	43.63 0.26 0.00	38.54 0.08 0.00	35.27 0.00 0.00	33.49 -0.03 0.00	32.44 -0.06 0.00	30.81 -0.09 0.00	30.99 -0.06 0.00	34.32 -0.03 0.00	39.29 0.04 0.00	48.25 0.14 0.00	55.10 0.28 0.00	47.98 0.24 -0.39	41.27 0.08 -0.23	37.64 0.08 0.00	35.59 0.04 0.00
FIBERTEK___ENERGY 23856	37.42 -0.45 0.00	35.89 -0.47 0.00	34.01 -0.48 0.00	34.00 -0.48 0.00	35.46 -0.54 0.00	39.96 -0.61 0.00	51.64 -1.11 0.00	63.62 -1.36 0.00	53.84 -1.27 0.00	42.42 -0.95 0.00	37.54 -0.92 0.00	34.42 -0.85 0.00	32.69 -0.84 0.00	31.69 -0.81 0.00	30.10 -0.80 0.00	30.25 -0.81 0.00	33.42 -0.93 0.00	38.15 -1.10 0.00	46.66 -1.44 0.00	53.29 -1.54 0.00	46.07 -1.28 0.00	39.77 -1.19 0.00	36.70 -0.86 0.00	34.77 -0.78 0.00
FITZPATRICK____ 23598	36.59 -1.29 0.00	35.09 -1.27 0.00	33.32 -1.17 0.00	33.28 -1.21 0.00	34.70 -1.29 0.00	39.07 -1.50 0.00	50.48 -2.27 0.00	62.06 -2.92 0.00	52.52 -2.59 0.00	41.42 -1.95 0.00	36.69 -1.77 0.00	33.79 -1.48 0.00	32.09 -1.44 0.00	31.11 -1.40 0.00	29.55 -1.36 0.00	29.69 -1.37 0.00	32.84 -1.51 0.00	37.37 -1.88 0.00	45.70 -2.40 0.00	52.14 -2.69 0.00	45.13 -2.22 0.00	38.99 -1.97 0.00	35.99 -1.58 0.00	34.06 -1.49 0.00
FLOWRFLD_69_KV_BK1 356044	39.81 1.93 0.00	37.96 1.60 0.00	35.94 1.45 0.00	35.87 1.38 0.00	37.72 1.73 0.00	43.08 2.52 0.00	59.73 4.06 -2.92	72.39 5.13 -2.27	59.52 4.41 0.00	46.55 3.17 -0.01	41.37 2.88 -0.03	37.97 2.64 -0.05	35.94 2.41 0.00	34.75 2.24 0.00	33.48 2.44 -0.13	33.54 2.45 -0.03	37.27 2.92 0.00	43.25 3.49 -0.51	57.31 4.47 -4.73	59.93 5.10 0.00	56.68 4.45 -4.88	52.81 3.97 -7.88	40.81 3.00 -0.24	38.11 2.56 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	39.36 1.48 0.00	37.78 1.42 0.00	35.81 1.31 0.00	35.80 1.31 0.00	37.47 1.48 0.00	42.27 1.70 0.00	55.34 2.58 0.00	68.43 3.44 0.00	58.20 3.09 0.00	45.80 2.43 0.00	40.50 2.04 0.00	37.06 1.80 0.00	35.24 1.71 0.00	34.19 1.69 0.00	32.61 1.70 0.00	32.76 1.71 0.00	36.27 1.92 0.00	41.61 2.36 0.00	51.04 2.93 0.00	58.39 3.56 0.00	50.38 3.03 0.00	43.58 2.62 0.00	39.67 2.10 0.00	37.54 1.99 0.00
FORT ORANGE____ 23900	39.01 1.14 0.00	37.45 1.09 0.00	35.53 1.03 0.00	35.52 1.03 0.00	37.15 1.15 0.00	41.95 1.38 0.00	54.81 2.06 0.00	67.39 2.41 0.00	57.15 2.04 0.00	44.80 1.43 0.00	39.69 1.23 0.00	36.36 1.09 0.00	34.53 1.00 0.00	33.51 1.01 0.00	31.92 1.02 0.00	32.11 1.06 0.00	35.55 1.20 0.00	40.74 1.49 0.00	50.13 2.02 0.00	57.18 2.36 0.00	49.43 2.08 0.00	42.84 1.89 0.00	39.18 1.61 0.00	37.08 1.53 0.00
FORT_DRUM_COGEN 23780	38.14 0.27 0.00	36.66 0.29 0.00	34.74 0.24 0.00	34.69 0.21 0.00	36.25 0.25 0.00	40.93 0.37 0.00	53.44 0.69 0.00	66.02 1.04 0.00	55.44 0.33 0.00	42.94 -0.43 0.00	37.88 -0.58 0.00	34.49 -0.78 0.00	32.72 -0.80 0.00	31.66 -0.85 0.00	30.01 -0.90 0.00	30.28 -0.78 0.00	33.63 -0.72 0.00	38.58 -0.67 0.00	47.62 -0.48 0.00	54.55 -0.27 0.00	47.11 -0.24 0.00	40.59 -0.37 0.00	36.92 -0.64 0.00	34.91 -0.64 0.00
FOX_HILLS___ESR 323835	55.30 2.01 -15.41	55.29 1.93 -17.00	50.53 1.76 -14.28	54.59 1.72 -18.38	55.33 1.91 -17.43	55.26 2.07 -12.63	56.25 2.85 -0.65	68.36 3.38 0.00	61.28 3.58 -2.59	58.10 3.12 -11.61	58.29 2.81 -17.02	60.32 2.40 -22.65	59.98 2.31 -24.14	62.37 2.18 -27.69	61.77 2.19 -28.67	62.38 2.21 -29.12	62.16 2.44 -25.37	90.54 2.98 -48.31	106.44 3.70 -54.63	106.42 4.22 -47.37	60.26 3.65 -9.27	60.19 3.24 -16.00	58.00 2.74 -17.70	55.22 2.49 -17.18
FPL FAR_ROCK_GT1 24212	40.11 2.23 0.00	38.33 1.96 0.00	36.29 1.79 0.00	36.35 1.86 0.00	38.01 2.01 0.00	43.20 2.64 0.00	59.37 3.69 -2.93	72.07 4.81 -2.28	59.53 4.41 -0.01	46.97 3.51 -0.09	42.04 3.34 -0.23	38.04 2.72 -0.05	35.97 2.45 0.00	34.91 2.41 0.00	33.51 2.47 -0.13	33.57 2.49 -0.03	37.11 2.75 -0.01	43.22 3.38 -0.60	57.12 4.28 -4.73	59.82 4.99 -0.01	56.50 4.26 -4.88	52.53 3.69 -7.89	41.17 3.16 -0.45	38.40 2.85 0.00



FPL FAR_ROCK_GT2 23815	40.11 2.23 0.00	38.33 1.96 0.00	36.29 1.79 0.00	36.35 1.86 0.00	38.01 2.01 0.00	43.20 2.64 0.00	59.37 3.69 -2.93	72.07 4.81 -2.28	59.53 4.41 -0.01	46.97 3.51 -0.09	42.04 3.34 -0.23	38.04 2.72 -0.05	35.97 2.45 0.00	34.91 2.41 0.00	33.51 2.47 -0.13	33.57 2.49 -0.03	37.11 2.75 -0.01	43.22 3.38 -0.60	57.12 4.28 -4.73	59.82 4.99 -0.01	56.50 4.26 -4.88	52.53 3.69 -7.89	41.17 3.16 -0.45	38.40 2.85 0.00
FRANKLIN_FALL_HYD 24054	38.64 0.76 0.00	37.27 0.91 0.00	35.43 0.93 0.00	35.45 0.97 0.00	36.93 0.94 0.00	41.62 1.05 0.00	54.49 1.74 0.00	67.58 2.60 0.00	56.88 1.76 0.00	44.67 1.30 0.00	39.61 1.15 0.00	36.22 0.95 0.00	34.40 0.87 0.00	33.35 0.85 0.00	31.62 0.71 0.00	31.80 0.75 0.00	35.24 0.89 0.00	40.35 1.10 0.00	49.36 1.25 0.00	56.14 1.32 0.00	48.25 0.90 0.00	41.57 0.61 0.00	37.98 0.41 0.00	35.77 0.21 0.00
FREEPORT_EQUS_GT1 23764	39.88 2.01 0.00	38.07 1.71 0.00	36.08 1.59 0.00	36.14 1.66 0.00	37.79 1.80 0.00	43.00 2.43 0.00	59.16 3.48 -2.93	71.81 4.55 -2.28	59.31 4.19 -0.01	46.62 3.21 -0.04	41.64 3.08 -0.10	37.83 2.50 -0.05	35.77 2.25 0.00	34.71 2.21 0.00	33.36 2.32 -0.13	33.42 2.33 -0.03	36.94 2.58 -0.01	43.01 3.22 -0.54	56.93 4.09 -4.73	59.60 4.77 -0.01	56.31 4.07 -4.88	52.37 3.52 -7.89	40.77 2.89 -0.32	38.22 2.67 0.00
FREEPORT___CT2 23818	39.88 2.01 0.00	38.07 1.71 0.00	36.08 1.59 0.00	36.14 1.66 0.00	37.79 1.80 0.00	43.00 2.43 0.00	59.16 3.48 -2.93	71.81 4.55 -2.28	59.31 4.19 -0.01	46.62 3.21 -0.04	41.64 3.08 -0.10	37.83 2.50 -0.05	35.77 2.25 0.00	34.71 2.21 0.00	33.36 2.32 -0.13	33.42 2.33 -0.03	36.94 2.58 -0.01	43.01 3.22 -0.54	56.93 4.09 -4.73	59.60 4.77 -0.01	56.31 4.07 -4.88	52.37 3.52 -7.89	40.77 2.89 -0.32	38.22 2.67 0.00
FRESHKLS_33_KV_LOAD 356253	55.30 2.01 -15.41	55.29 1.93 -17.00	50.53 1.76 -14.28	54.59 1.72 -18.38	55.33 1.91 -17.43	55.18 1.99 -12.63	56.20 2.80 -0.65	68.09 3.12 0.01	61.17 3.47 -2.59	58.02 3.04 -11.61	57.93 2.73 -16.74	58.00 2.29 -20.44	57.99 2.21 -22.25	59.18 2.05 -24.63	59.26 2.10 -26.25	59.20 2.08 -26.07	59.25 2.34 -22.57	60.19 2.94 -17.99	60.21 3.61 -8.50	63.21 4.17 -4.21	60.21 3.60 -9.27	60.19 3.24 -16.00	58.00 2.74 -17.70	55.22 2.49 -17.18
FULTON COGEN____ 23766	36.78 -1.10 0.00	35.27 -1.09 0.00	33.46 -1.03 0.00	33.45 -1.03 0.00	34.84 -1.15 0.00	39.31 -1.26 0.00	50.75 -2.00 0.00	62.51 -2.47 0.00	52.91 -2.20 0.00	41.64 -1.73 0.00	36.88 -1.58 0.00	33.86 -1.41 0.00	32.19 -1.34 0.00	31.20 -1.30 0.00	29.61 -1.30 0.00	29.78 -1.27 0.00	32.91 -1.44 0.00	37.52 -1.73 0.00	45.94 -2.16 0.00	52.47 -2.36 0.00	45.36 -1.99 0.00	39.20 -1.76 0.00	36.17 -1.39 0.00	34.27 -1.28 0.00
FULTON___LFGE 323630	40.30 2.43 0.00	38.62 2.26 0.00	36.60 2.10 0.00	36.59 2.10 0.00	38.33 2.34 0.00	43.33 2.76 0.00	56.71 3.96 0.00	69.92 4.94 0.00	58.97 3.86 0.00	45.54 2.17 0.00	39.92 1.46 0.00	36.43 1.16 0.00	34.46 0.94 0.00	33.54 1.04 0.00	31.90 0.99 0.00	32.08 1.02 0.00	35.69 1.34 0.00	41.33 2.08 0.00	51.47 3.37 0.00	58.99 4.16 0.00	50.85 3.50 0.00	44.03 3.07 0.00	40.30 2.74 0.00	38.04 2.49 0.00
G.F.CEMENT___DRP 24184	39.05 1.17 0.00	37.49 1.13 0.00	35.56 1.07 0.00	35.56 1.07 0.00	37.26 1.26 0.00	42.11 1.54 0.00	55.18 2.43 0.00	68.04 3.05 0.00	57.43 2.31 0.00	44.85 1.47 0.00	40.27 1.81 0.00	36.75 1.48 0.00	34.73 1.21 0.00	33.61 1.11 0.00	31.99 1.08 0.00	32.27 1.21 0.00	35.83 1.48 0.00	41.37 2.12 0.00	51.33 3.22 0.00	58.39 3.56 0.00	50.33 2.98 0.00	43.66 2.70 0.00	39.89 2.33 0.00	37.72 2.17 0.00
GARDENVILLE___LBMP 24039	37.42 -0.45 0.00	35.49 -0.87 0.00	33.46 -1.03 0.00	33.56 -0.93 0.00	34.63 -1.37 0.00	39.15 -1.42 0.00	49.59 -3.17 0.00	60.63 -4.35 0.00	51.09 -4.02 0.00	41.03 -2.34 0.00	36.34 -2.12 0.00	33.12 -2.15 0.00	31.35 -2.18 0.00	30.46 -2.05 0.00	28.84 -2.07 0.00	28.94 -2.11 0.00	31.64 -2.71 0.00	35.72 -3.53 0.00	43.10 -5.00 0.00	49.01 -5.81 0.01	40.79 -5.35 1.21	35.65 -4.59 0.72	34.22 -3.34 0.00	32.39 -3.16 0.00
GARDNVLA_35_KV_LD 355827	37.69 -0.19 0.00	35.71 -0.65 0.00	33.70 -0.79 0.00	33.80 -0.69 0.00	34.84 -1.15 0.00	39.43 -1.14 0.00	49.96 -2.80 0.00	61.08 -3.90 0.00	51.47 -3.64 0.00	41.33 -2.04 0.00	36.61 -1.85 0.00	33.36 -1.90 0.00	31.58 -1.94 0.00	30.68 -1.82 0.00	29.05 -1.85 0.00	29.16 -1.89 0.00	31.88 -2.47 0.00	35.95 -3.30 0.00	43.34 -4.76 0.00	49.28 -5.54 0.01	41.06 -5.11 1.18	35.88 -4.38 0.69	34.44 -3.12 0.00	32.60 -2.95 0.00
GELCKHM___115KV_LOAD 80723	37.16 -0.72 0.00	35.64 -0.73 0.00	33.77 -0.72 0.00	33.76 -0.72 0.00	35.17 -0.83 0.00	39.67 -0.89 0.00	51.22 -1.53 0.00	63.10 -1.88 0.00	53.40 -1.71 0.00	42.07 -1.30 0.00	37.27 -1.19 0.00	34.21 -1.06 0.00	32.49 -1.04 0.00	31.50 -1.01 0.00	29.92 -0.99 0.00	30.06 -0.99 0.00	33.22 -1.13 0.00	37.88 -1.37 0.00	46.33 -1.78 0.00	52.91 -1.92 0.00	45.74 -1.61 0.00	39.48 -1.47 0.00	36.44 -1.13 0.00	34.56 -1.00 0.00
GENERAL___MILLS 23808	37.58 -0.30 0.00	35.60 -0.76 0.00	33.60 -0.90 0.00	33.69 -0.79 0.00	34.74 -1.26 0.00	39.31 -1.26 0.00	49.74 -3.01 0.00	60.89 -4.09 0.00	51.31 -3.80 0.00	41.16 -2.21 0.00	36.46 -2.00 0.00	33.22 -2.05 0.00	31.48 -2.05 0.00	30.55 -1.95 0.00	28.93 -1.98 0.00	29.04 -2.02 0.00	31.74 -2.61 0.00	35.84 -3.41 0.00	43.20 -4.91 0.00	49.17 -5.65 0.01	40.91 -5.26 1.19	35.75 -4.51 0.70	34.33 -3.23 0.00	32.53 -3.02 0.00
GE_PLASTICS___DRP 24183	38.75 0.87 0.00	37.20 0.84 0.00	35.29 0.79 0.00	35.28 0.79 0.00	36.90 0.90 0.00	41.58 1.01 0.00	54.18 1.42 0.00	66.61 1.62 0.00	56.60 1.49 0.00	44.50 1.13 0.00	39.42 0.96 0.00	36.18 0.92 0.00	34.40 0.87 0.00	33.35 0.85 0.00	31.77 0.87 0.00	31.93 0.87 0.00	35.31 0.96 0.00	40.47 1.22 0.00	49.74 1.64 0.00	56.69 1.86 0.00	49.01 1.66 0.00	42.47 1.52 0.00	38.84 1.28 0.00	36.73 1.17 0.00
GILBOA___1 23756	38.48 0.60 0.00	36.94 0.58 0.00	35.05 0.55 0.00	35.04 0.55 0.00	36.61 0.61 0.00	41.25 0.69 0.00	53.81 1.05 0.00	66.15 1.17 0.00	56.32 1.21 0.00	44.32 0.95 0.00	39.35 0.89 0.00	36.04 0.77 0.00	34.37 0.84 0.00	33.35 0.84 0.00	31.74 0.83 0.00	31.80 0.74 0.00	35.14 0.79 0.00	40.23 0.98 0.00	49.41 1.30 0.00	56.31 1.48 0.00	48.67 1.32 0.00	42.14 1.19 0.00	38.54 0.97 0.00	36.51 0.96 0.00
GILBOA___2 23757	38.48 0.60 0.00	36.94 0.58 0.00	35.05 0.55 0.00	35.04 0.55 0.00	36.61 0.61 0.00	41.25 0.69 0.00	53.81 1.05 0.00	66.15 1.17 0.00	56.32 1.21 0.00	44.32 0.95 0.00	39.35 0.89 0.00	36.04 0.77 0.00	34.37 0.84 0.00	33.35 0.84 0.00	31.74 0.83 0.00	31.80 0.74 0.00	35.14 0.79 0.00	40.23 0.98 0.00	49.41 1.30 0.00	56.31 1.48 0.00	48.67 1.32 0.00	42.14 1.19 0.00	38.54 0.97 0.00	36.51 0.96 0.00

GILBOA___3 23758	38.48 0.60 0.00	36.94 0.58 0.00	35.05 0.55 0.00	35.04 0.55 0.00	36.61 0.61 0.00	41.25 0.69 0.00	53.81 1.05 0.00	66.15 1.17 0.00	56.32 1.21 0.00	44.32 0.95 0.00	39.35 0.89 0.00	36.04 0.77 0.00	34.37 0.84 0.00	33.35 0.84 0.00	31.74 0.83 0.00	31.80 0.74 0.00	35.14 0.79 0.00	40.23 0.98 0.00	49.41 1.30 0.00	56.31 1.48 0.00	48.67 1.32 0.00	42.14 1.19 0.00	38.54 0.97 0.00	36.51 0.96 0.00
GILBOA___4 23759	38.48 0.60 0.00	36.94 0.58 0.00	35.05 0.55 0.00	35.04 0.55 0.00	36.61 0.61 0.00	41.25 0.69 0.00	53.81 1.05 0.00	66.15 1.17 0.00	56.32 1.21 0.00	44.32 0.95 0.00	39.35 0.89 0.00	36.04 0.77 0.00	34.37 0.84 0.00	33.35 0.84 0.00	31.74 0.83 0.00	31.80 0.74 0.00	35.14 0.79 0.00	40.23 0.98 0.00	49.41 1.30 0.00	56.31 1.48 0.00	48.67 1.32 0.00	42.14 1.19 0.00	38.54 0.97 0.00	36.51 0.96 0.00
GILBOA___ 23599	38.52 0.64 0.00	36.95 0.58 0.00	35.05 0.55 0.00	35.04 0.55 0.00	36.61 0.61 0.00	41.26 0.69 0.00	53.81 1.06 0.00	66.15 1.17 0.00	56.32 1.21 0.00	44.33 0.95 0.00	39.31 0.85 0.00	36.04 0.78 0.00	34.36 0.84 0.00	33.35 0.85 0.00	31.74 0.83 0.00	31.80 0.75 0.00	35.18 0.82 0.00	40.23 0.98 0.00	49.40 1.30 0.00	56.31 1.48 0.00	48.68 1.33 0.00	42.14 1.19 0.00	38.54 0.98 0.00	36.48 0.92 0.00
GINNA___ 23603	35.38 -2.50 0.00	33.78 -2.58 0.00	32.05 -2.45 0.00	32.00 -2.48 0.00	33.26 -2.74 0.00	37.48 -3.08 0.00	48.37 -4.38 0.00	58.81 -6.17 0.00	49.49 -5.62 0.00	39.21 -4.16 0.00	34.35 -4.11 0.00	31.53 -3.74 0.00	30.41 -3.12 0.00	29.45 -3.06 0.00	27.88 -3.03 0.00	28.04 -3.01 0.00	30.95 -3.40 0.00	35.33 -3.92 0.00	42.96 -5.15 0.00	49.18 -5.65 0.00	42.47 -4.59 0.29	36.53 -4.26 0.17	33.92 -3.64 0.00	32.03 -3.52 0.00
GLEN PARK___ 23778	38.33 0.46 0.00	36.87 0.51 0.00	34.94 0.45 0.00	34.90 0.42 0.00	36.46 0.47 0.00	41.13 0.57 0.00	53.75 1.00 0.00	66.35 1.37 0.00	55.61 0.49 0.00	43.02 -0.35 0.00	37.88 -0.58 0.00	34.52 -0.74 0.00	32.76 -0.77 0.00	31.69 -0.81 0.00	30.01 -0.90 0.00	30.31 -0.75 0.00	33.70 -0.65 0.00	38.70 -0.55 0.00	47.82 -0.29 0.00	54.88 0.05 0.00	47.40 0.05 0.00	40.79 -0.16 0.00	37.11 -0.45 0.00	35.06 -0.50 0.00
GLENDALE_27_KV_LOAD 356172	39.78 1.89 -0.01	38.19 1.82 -0.01	36.16 1.66 -0.01	36.51 1.66 -0.37	37.84 1.84 -0.01	43.11 2.07 -0.47	55.60 2.85 0.00	68.62 3.64 0.00	58.75 3.64 0.00	46.49 3.12 0.00	42.24 2.85 -0.93	41.49 2.54 -3.69	38.66 2.41 -2.72	38.82 2.34 -3.97	38.49 2.32 -5.26	37.85 2.36 -4.43	40.57 2.58 -3.64	44.42 2.98 -2.19	51.81 3.70 0.00	59.05 4.22 0.00	50.95 3.60 0.00	44.15 3.19 0.00	40.89 2.67 -0.66	38.65 2.45 -0.64
GLENWOOD_IC_1_G5 23712	39.81 1.93 0.00	38.04 1.67 0.00	36.05 1.55 0.00	35.97 1.48 0.00	37.76 1.76 0.00	42.84 2.27 0.00	59.10 3.43 -2.92	71.74 4.48 -2.27	59.19 4.08 0.00	46.61 3.21 -0.03	41.46 2.92 -0.08	37.90 2.57 -0.05	35.91 2.38 0.00	34.75 2.24 0.00	33.32 2.29 -0.13	33.41 2.33 -0.03	37.03 2.68 0.00	42.92 3.14 -0.53	56.87 4.04 -4.73	59.49 4.66 0.00	56.20 3.98 -4.88	52.27 3.44 -7.88	40.67 2.82 -0.29	38.04 2.49 0.00
GLENWOOD_IC_2_G1 23688	39.73 1.86 0.00	37.96 1.60 0.00	36.01 1.52 0.00	36.04 1.55 0.00	37.69 1.69 0.00	42.84 2.27 0.00	58.95 3.27 -2.93	71.55 4.29 -2.28	59.09 3.97 -0.01	46.47 3.08 -0.02	41.45 2.92 -0.07	37.75 2.43 -0.05	35.71 2.18 0.00	34.68 2.18 0.00	33.26 2.23 -0.13	33.35 2.27 -0.03	36.83 2.47 -0.01	42.80 3.02 -0.53	56.69 3.85 -4.73	59.33 4.50 -0.01	56.07 3.83 -4.88	52.16 3.32 -7.89	40.55 2.71 -0.29	38.08 2.52 0.00
GLENWOOD_IC_3_G1 23689	39.73 1.86 0.00	37.96 1.60 0.00	36.01 1.52 0.00	36.04 1.55 0.00	37.69 1.69 0.00	42.84 2.27 0.00	58.95 3.27 -2.93	71.55 4.29 -2.28	59.09 3.97 -0.01	46.47 3.08 -0.02	41.45 2.92 -0.07	37.75 2.43 -0.05	35.71 2.18 0.00	34.68 2.18 0.00	33.26 2.23 -0.13	33.35 2.27 -0.03	36.83 2.47 -0.01	42.80 3.02 -0.53	56.69 3.85 -4.73	59.33 4.50 -0.01	56.07 3.83 -4.88	52.16 3.32 -7.89	40.55 2.71 -0.29	38.08 2.52 0.00
GLENWOOD___4 23550	39.81 1.93 0.00	38.04 1.67 0.00	36.05 1.55 0.00	35.97 1.48 0.00	37.76 1.76 0.00	42.84 2.27 0.00	59.10 3.43 -2.92	71.74 4.48 -2.27	59.19 4.08 0.00	46.61 3.21 -0.03	41.46 2.92 -0.08	37.90 2.57 -0.05	35.91 2.38 0.00	34.75 2.24 0.00	33.32 2.29 -0.13	33.41 2.33 -0.03	37.03 2.68 0.00	42.92 3.14 -0.53	56.87 4.04 -4.73	59.49 4.66 0.00	56.20 3.98 -4.88	52.27 3.44 -7.88	40.67 2.82 -0.29	38.04 2.49 0.00
GLENWOOD___5 23614	39.81 1.93 0.00	38.04 1.67 0.00	36.05 1.55 0.00	35.97 1.48 0.00	37.76 1.76 0.00	42.84 2.27 0.00	59.10 3.43 -2.92	71.74 4.48 -2.27	59.19 4.08 0.00	46.61 3.21 -0.03	41.46 2.92 -0.08	37.90 2.57 -0.05	35.91 2.38 0.00	34.75 2.24 0.00	33.32 2.29 -0.13	33.41 2.33 -0.03	37.03 2.68 0.00	42.92 3.14 -0.53	56.87 4.04 -4.73	59.49 4.66 0.00	56.20 3.98 -4.88	52.27 3.44 -7.88	40.67 2.82 -0.29	38.04 2.49 0.00
GLOBAL GREEN_PORT_GT1 23814	39.62 1.74 0.00	37.78 1.42 0.00	35.84 1.34 0.00	36.00 1.52 0.00	37.40 1.40 0.00	43.40 2.84 0.00	59.69 4.01 -2.93	72.33 5.07 -2.28	59.64 4.52 -0.01	46.46 3.08 -0.01	41.76 3.27 -0.03	37.72 2.40 -0.05	35.47 1.94 0.00	34.84 2.34 0.00	33.85 2.81 -0.13	33.79 2.70 -0.03	37.18 2.82 -0.01	43.73 3.96 -0.51	57.84 5.00 -4.73	60.48 5.65 -0.01	57.20 4.97 -4.88	53.51 4.67 -7.89	41.42 3.61 -0.25	38.72 3.16 0.00
GLOBE___DSASP 323697	35.98 -1.89 0.00	34.07 -2.29 0.00	32.15 -2.35 0.00	32.28 -2.21 0.00	33.30 -2.70 0.00	37.69 -2.88 0.00	47.42 -5.33 0.00	57.84 -7.15 0.00	48.83 -6.28 0.00	39.29 -4.08 0.00	34.84 -3.62 0.00	31.77 -3.49 0.00	30.07 -3.45 0.00	29.25 -3.25 0.00	27.72 -3.18 0.00	27.86 -3.20 0.00	30.47 -3.88 0.00	34.38 -4.87 0.00	41.42 -6.69 0.00	47.03 -7.79 0.01	39.54 -6.49 1.32	34.60 -5.57 0.78	33.09 -4.47 0.00	31.25 -4.30 0.00
GOETHSLN___LBMP 323567	39.17 1.29 0.00	37.60 1.24 0.00	35.60 1.10 0.00	35.59 1.10 0.00	37.26 1.26 0.00	41.99 1.42 0.00	54.97 2.22 0.00	67.91 2.92 0.00	58.14 3.03 0.00	45.89 2.52 0.00	40.75 2.27 -0.02	38.05 2.05 -0.74	35.48 1.94 -0.01	34.39 1.89 0.00	34.74 1.89 -1.95	33.38 1.89 -0.43	36.41 2.06 0.00	41.61 2.36 0.00	51.18 3.08 0.00	58.34 3.51 0.00	50.33 2.98 0.00	43.58 2.62 0.00	39.67 2.10 0.00	37.47 1.92 0.00
GOLAH___69_KV_TB 1_2 80279	37.20 -0.68 0.00	35.49 -0.87 0.00	33.56 -0.93 0.00	33.59 -0.90 0.00	34.84 -1.15 0.00	39.43 -1.14 0.00	50.43 -2.32 0.00	61.93 -3.05 0.00	52.19 -2.92 0.00	41.46 -1.91 0.00	36.54 -1.92 0.00	33.26 -2.01 0.00	31.55 -1.98 0.00	30.52 -1.98 0.00	28.90 -2.01 0.00	29.07 -1.99 0.00	31.91 -2.44 0.00	36.35 -2.90 0.00	44.16 -3.94 0.00	50.44 -4.39 0.00	43.38 -3.46 0.52	37.46 -3.19 0.30	34.93 -2.63 0.00	32.99 -2.56 0.00

GOODYEAR_LAKE_HYD 323669	39.17 1.29 0.00	37.56 1.20 0.00	35.63 1.14 0.00	35.59 1.10 0.00	37.18 1.19 0.00	41.95 1.38 0.00	54.81 2.06 0.00	67.65 2.66 0.00	57.37 2.26 0.00	44.85 1.47 0.00	39.58 1.12 0.00	36.15 0.88 0.00	34.36 0.84 0.00	33.32 0.81 0.00	31.65 0.74 0.00	31.77 0.71 0.00	35.21 0.86 0.00	40.39 1.14 0.00	49.79 1.68 0.00	56.91 2.08 0.00	49.05 1.70 0.00	42.39 1.43 0.00	38.76 1.20 0.00	36.66 1.10 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	38.03 0.15 0.00	36.36 0.00 0.00	34.46 -0.03 0.00	34.45 -0.03 0.00	35.85 -0.14 0.00	40.40 -0.16 0.00	52.28 -0.47 0.00	64.40 -0.58 0.00	54.40 -0.72 0.00	42.98 -0.39 0.00	38.00 -0.46 0.00	34.74 -0.53 0.00	33.02 -0.50 0.00	31.98 -0.52 0.00	30.38 -0.53 0.00	30.50 -0.56 0.00	33.66 -0.69 0.00	38.39 -0.86 0.00	47.00 -1.11 0.00	53.68 -1.15 0.00	45.93 -1.14 0.29	39.76 -1.02 0.17	36.85 -0.71 0.00	34.95 -0.60 0.00
GOUDEY___7 23579	38.03 0.15 0.00	36.36 0.00 0.00	34.46 -0.03 0.00	34.45 -0.03 0.00	35.85 -0.14 0.00	40.40 -0.16 0.00	52.28 -0.47 0.00	64.40 -0.58 0.00	54.40 -0.72 0.00	42.98 -0.39 0.00	38.00 -0.46 0.00	34.74 -0.53 0.00	33.02 -0.50 0.00	31.98 -0.52 0.00	30.38 -0.53 0.00	30.50 -0.56 0.00	33.66 -0.69 0.00	38.39 -0.86 0.00	47.00 -1.11 0.00	53.68 -1.15 0.00	45.93 -1.14 0.29	39.76 -1.02 0.17	36.85 -0.71 0.00	34.95 -0.60 0.00
GOUDEY___8 23580	38.03 0.15 0.00	36.36 0.00 0.00	34.46 -0.03 0.00	34.45 -0.03 0.00	35.85 -0.14 0.00	40.40 -0.16 0.00	52.28 -0.47 0.00	64.40 -0.58 0.00	54.40 -0.72 0.00	42.98 -0.39 0.00	38.00 -0.46 0.00	34.74 -0.53 0.00	33.02 -0.50 0.00	31.98 -0.52 0.00	30.38 -0.53 0.00	30.50 -0.56 0.00	33.66 -0.69 0.00	38.39 -0.86 0.00	47.00 -1.11 0.00	53.68 -1.15 0.00	45.93 -1.14 0.29	39.76 -1.02 0.17	36.85 -0.71 0.00	34.95 -0.60 0.00
GOWANUS_GT1_1 24077	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.66 1.79 -18.38	55.40 1.98 -17.43	55.38 2.19 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.50 3.80 -2.59	58.23 3.25 -11.61	58.41 2.92 -17.02	60.49 2.57 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.54 2.36 -29.12	62.33 2.61 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.28 3.32 -16.00	58.04 2.78 -17.70	55.29 2.56 -17.18
GOWANUS_GT1_2 24078	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.66 1.79 -18.38	55.40 1.98 -17.43	55.38 2.19 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.50 3.80 -2.59	58.23 3.25 -11.61	58.41 2.92 -17.02	60.49 2.57 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.54 2.36 -29.12	62.33 2.61 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.28 3.32 -16.00	58.04 2.78 -17.70	55.29 2.56 -17.18
GOWANUS_GT1_3 24079	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.66 1.79 -18.38	55.40 1.98 -17.43	55.38 2.19 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.50 3.80 -2.59	58.23 3.25 -11.61	58.41 2.92 -17.02	60.49 2.57 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.54 2.36 -29.12	62.33 2.61 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.28 3.32 -16.00	58.04 2.78 -17.70	55.29 2.56 -17.18
GOWANUS_GT1_4 24080	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.66 1.79 -18.38	55.40 1.98 -17.43	55.38 2.19 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.50 3.80 -2.59	58.23 3.25 -11.61	58.41 2.92 -17.02	60.49 2.57 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.54 2.36 -29.12	62.33 2.61 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.28 3.32 -16.00	58.04 2.78 -17.70	55.29 2.56 -17.18
GOWANUS_GT1_5 24084	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.66 1.79 -18.38	55.40 1.98 -17.43	55.38 2.19 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.50 3.80 -2.59	58.23 3.25 -11.61	58.41 2.92 -17.02	60.49 2.57 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.54 2.36 -29.12	62.33 2.61 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.28 3.32 -16.00	58.04 2.78 -17.70	55.29 2.56 -17.18
GOWANUS_GT1_6 24111	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.66 1.79 -18.38	55.40 1.98 -17.43	55.38 2.19 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.50 3.80 -2.59	58.23 3.25 -11.61	58.41 2.92 -17.02	60.49 2.57 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.54 2.36 -29.12	62.33 2.61 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.28 3.32 -16.00	58.04 2.78 -17.70	55.29 2.56 -17.18
GOWANUS_GT1_7 24112	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.66 1.79 -18.38	55.40 1.98 -17.43	55.38 2.19 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.50 3.80 -2.59	58.23 3.25 -11.61	58.41 2.92 -17.02	60.49 2.57 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.54 2.36 -29.12	62.33 2.61 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.28 3.32 -16.00	58.04 2.78 -17.70	55.29 2.56 -17.18
GOWANUS_GT1_8 24113	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.66 1.79 -18.38	55.40 1.98 -17.43	55.38 2.19 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.50 3.80 -2.59	58.23 3.25 -11.61	58.41 2.92 -17.02	60.49 2.57 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.54 2.36 -29.12	62.33 2.61 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.28 3.32 -16.00	58.04 2.78 -17.70	55.29 2.56 -17.18
GOWANUS_GT2_1 24114	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.69 1.83 -18.38	55.40 1.98 -17.43	55.46 2.27 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.72 4.02 -2.59	58.23 3.25 -11.61	58.49 3.00 -17.02	60.46 2.54 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.53 2.36 -29.12	62.30 2.58 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.27 3.32 -16.00	58.04 2.78 -17.70	55.40 2.67 -17.18
GOWANUS_GT2_2 24115	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.69 1.83 -18.38	55.40 1.98 -17.43	55.46 2.27 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.72 4.02 -2.59	58.23 3.25 -11.61	58.49 3.00 -17.02	60.46 2.54 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.53 2.36 -29.12	62.30 2.58 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.27 3.32 -16.00	58.04 2.78 -17.70	55.40 2.67 -17.18
GOWANUS_GT2_3 24116	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.69 1.83 -18.38	55.40 1.98 -17.43	55.46 2.27 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.72 4.02 -2.59	58.23 3.25 -11.61	58.49 3.00 -17.02	60.46 2.54 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.53 2.36 -29.12	62.30 2.58 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.27 3.32 -16.00	58.04 2.78 -17.70	55.40 2.67 -17.18

GOWANUS_GT2_4 24117	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.69 1.83 -18.38	55.40 1.98 -17.43	55.46 2.27 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.72 4.02 -2.59	58.23 3.25 -11.61	58.49 3.00 -17.02	60.46 2.54 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.53 2.36 -29.12	62.30 2.58 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.27 3.32 -16.00	58.04 2.78 -17.70	55.40 2.67 -17.18
GOWANUS_GT2_5 24118	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.69 1.83 -18.38	55.40 1.98 -17.43	55.46 2.27 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.72 4.02 -2.59	58.23 3.25 -11.61	58.49 3.00 -17.02	60.46 2.54 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.53 2.36 -29.12	62.30 2.58 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.27 3.32 -16.00	58.04 2.78 -17.70	55.40 2.67 -17.18
GOWANUS_GT2_6 24119	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.69 1.83 -18.38	55.40 1.98 -17.43	55.46 2.27 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.72 4.02 -2.59	58.23 3.25 -11.61	58.49 3.00 -17.02	60.46 2.54 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.53 2.36 -29.12	62.30 2.58 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.27 3.32 -16.00	58.04 2.78 -17.70	55.40 2.67 -17.18
GOWANUS_GT2_7 24120	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.69 1.83 -18.38	55.40 1.98 -17.43	55.46 2.27 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.72 4.02 -2.59	58.23 3.25 -11.61	58.49 3.00 -17.02	60.46 2.54 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.53 2.36 -29.12	62.30 2.58 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.27 3.32 -16.00	58.04 2.78 -17.70	55.40 2.67 -17.18
GOWANUS_GT2_8 24121	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.69 1.83 -18.38	55.40 1.98 -17.43	55.46 2.27 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.72 4.02 -2.59	58.23 3.25 -11.61	58.49 3.00 -17.02	60.46 2.54 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.53 2.36 -29.12	62.30 2.58 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.27 3.32 -16.00	58.04 2.78 -17.70	55.40 2.67 -17.18
GOWANUS_GT3_1 24122	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.69 1.83 -18.38	55.40 1.98 -17.43	55.46 2.27 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.72 4.02 -2.59	58.23 3.25 -11.61	58.49 3.00 -17.02	60.46 2.54 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.53 2.36 -29.12	62.30 2.58 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.27 3.32 -16.00	58.04 2.78 -17.70	55.40 2.67 -17.18
GOWANUS_GT3_2 24123	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.69 1.83 -18.38	55.40 1.98 -17.43	55.46 2.27 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.72 4.02 -2.59	58.23 3.25 -11.61	58.49 3.00 -17.02	60.46 2.54 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.53 2.36 -29.12	62.30 2.58 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.27 3.32 -16.00	58.04 2.78 -17.70	55.40 2.67 -17.18
GOWANUS_GT3_3 24124	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.69 1.83 -18.38	55.40 1.98 -17.43	55.46 2.27 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.72 4.02 -2.59	58.23 3.25 -11.61	58.49 3.00 -17.02	60.46 2.54 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.53 2.36 -29.12	62.30 2.58 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.27 3.32 -16.00	58.04 2.78 -17.70	55.40 2.67 -17.18
GOWANUS_GT3_4 24125	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.69 1.83 -18.38	55.40 1.98 -17.43	55.46 2.27 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.72 4.02 -2.59	58.23 3.25 -11.61	58.49 3.00 -17.02	60.46 2.54 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.53 2.36 -29.12	62.30 2.58 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.27 3.32 -16.00	58.04 2.78 -17.70	55.40 2.67 -17.18
GOWANUS_GT3_5 24126	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.69 1.83 -18.38	55.40 1.98 -17.43	55.46 2.27 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.72 4.02 -2.59	58.23 3.25 -11.61	58.49 3.00 -17.02	60.46 2.54 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.53 2.36 -29.12	62.30 2.58 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.27 3.32 -16.00	58.04 2.78 -17.70	55.40 2.67 -17.18
GOWANUS_GT3_6 24127	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.69 1.83 -18.38	55.40 1.98 -17.43	55.46 2.27 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.72 4.02 -2.59	58.23 3.25 -11.61	58.49 3.00 -17.02	60.46 2.54 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.53 2.36 -29.12	62.30 2.58 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.27 3.32 -16.00	58.04 2.78 -17.70	55.40 2.67 -17.18
GOWANUS_GT3_7 24128	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.69 1.83 -18.38	55.40 1.98 -17.43	55.46 2.27 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.72 4.02 -2.59	58.23 3.25 -11.61	58.49 3.00 -17.02	60.46 2.54 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.53 2.36 -29.12	62.30 2.58 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.27 3.32 -16.00	58.04 2.78 -17.70	55.40 2.67 -17.18
GOWANUS_GT3_8 24129	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.69 1.83 -18.38	55.40 1.98 -17.43	55.46 2.27 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.72 4.02 -2.59	58.23 3.25 -11.61	58.49 3.00 -17.02	60.46 2.54 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.53 2.36 -29.12	62.30 2.58 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.27 3.32 -16.00	58.04 2.78 -17.70	55.40 2.67 -17.18
GOWANUS_GT4_1 24130	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.66 1.79 -18.38	55.40 1.98 -17.43	55.38 2.19 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.50 3.80 -2.59	58.23 3.25 -11.61	58.41 2.92 -17.02	60.49 2.57 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.54 2.36 -29.12	62.33 2.61 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.28 3.32 -16.00	58.04 2.78 -17.70	55.29 2.56 -17.18
GOWANUS_GT4_2 24131	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.66 1.79 -18.38	55.40 1.98 -17.43	55.38 2.19 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.50 3.80 -2.59	58.23 3.25 -11.61	58.41 2.92 -17.02	60.49 2.57 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.54 2.36 -29.12	62.33 2.61 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.28 3.32 -16.00	58.04 2.78 -17.70	55.29 2.56 -17.18

GOWANUS_GT4_3 24132	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.66 1.79 -18.38	55.40 1.98 -17.43	55.38 2.19 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.50 3.80 -2.59	58.23 3.25 -11.61	58.41 2.92 -17.02	60.49 2.57 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.54 2.36 -29.12	62.33 2.61 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.28 3.32 -16.00	58.04 2.78 -17.70	55.29 2.56 -17.18
GOWANUS_GT4_4 24133	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.66 1.79 -18.38	55.40 1.98 -17.43	55.38 2.19 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.50 3.80 -2.59	58.23 3.25 -11.61	58.41 2.92 -17.02	60.49 2.57 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.54 2.36 -29.12	62.33 2.61 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.28 3.32 -16.00	58.04 2.78 -17.70	55.29 2.56 -17.18
GOWANUS_GT4_5 24134	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.66 1.79 -18.38	55.40 1.98 -17.43	55.38 2.19 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.50 3.80 -2.59	58.23 3.25 -11.61	58.41 2.92 -17.02	60.49 2.57 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.54 2.36 -29.12	62.33 2.61 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.28 3.32 -16.00	58.04 2.78 -17.70	55.29 2.56 -17.18
GOWANUS_GT4_6 24135	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.66 1.79 -18.38	55.40 1.98 -17.43	55.38 2.19 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.50 3.80 -2.59	58.23 3.25 -11.61	58.41 2.92 -17.02	60.49 2.57 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.54 2.36 -29.12	62.33 2.61 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.28 3.32 -16.00	58.04 2.78 -17.70	55.29 2.56 -17.18
GOWANUS_GT4_7 24136	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.66 1.79 -18.38	55.40 1.98 -17.43	55.38 2.19 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.50 3.80 -2.59	58.23 3.25 -11.61	58.41 2.92 -17.02	60.49 2.57 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.54 2.36 -29.12	62.33 2.61 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.28 3.32 -16.00	58.04 2.78 -17.70	55.29 2.56 -17.18
GOWANUS_GT4_8 24137	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.66 1.79 -18.38	55.40 1.98 -17.43	55.38 2.19 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.50 3.80 -2.59	58.23 3.25 -11.61	58.41 2.92 -17.02	60.49 2.57 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.54 2.36 -29.12	62.33 2.61 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.28 3.32 -16.00	58.04 2.78 -17.70	55.29 2.56 -17.18
GREENBSH_115KV_TB3 55895	38.90 1.02 0.00	37.31 0.95 0.00	35.43 0.93 0.00	35.38 0.90 0.00	37.04 1.04 0.00	41.74 1.18 0.00	54.49 1.74 0.00	66.93 1.95 0.00	56.88 1.76 0.00	44.67 1.30 0.00	39.58 1.12 0.00	36.32 1.06 0.00	34.53 1.01 0.00	33.48 0.98 0.00	31.86 0.96 0.00	32.05 0.99 0.00	35.48 1.13 0.00	40.63 1.37 0.00	49.93 1.83 0.00	56.91 2.08 0.00	49.20 1.85 0.00	42.68 1.72 0.00	39.03 1.46 0.00	36.90 1.35 0.00
GREENDGE_115KV_TB5 80291	37.95 0.08 0.00	36.26 -0.11 0.00	34.29 -0.21 0.00	34.31 -0.17 0.00	35.67 -0.32 0.00	40.28 -0.28 0.00	52.07 -0.69 0.00	63.62 -1.36 0.00	53.84 -1.27 0.00	42.46 -0.91 0.00	37.42 -1.04 0.00	34.10 -1.16 0.00	32.39 -1.14 0.00	31.33 -1.17 0.00	29.70 -1.21 0.00	29.85 -1.21 0.00	32.94 -1.41 0.00	37.68 -1.57 0.00	46.13 -1.97 0.00	52.82 -2.03 -0.02	45.39 -1.89 0.06	39.06 -1.88 0.02	36.14 -1.43 0.00	34.20 -1.35 0.00
GREENIDGE___3 23582	37.95 0.08 0.00	36.26 -0.11 0.00	34.29 -0.21 0.00	34.31 -0.17 0.00	35.67 -0.32 0.00	40.28 -0.28 0.00	52.07 -0.69 0.00	63.62 -1.36 0.00	53.84 -1.27 0.00	42.46 -0.91 0.00	37.42 -1.04 0.00	34.10 -1.16 0.00	32.39 -1.14 0.00	31.33 -1.17 0.00	29.70 -1.21 0.00	29.85 -1.21 0.00	32.94 -1.41 0.00	37.68 -1.57 0.00	46.13 -1.97 0.00	52.82 -2.03 -0.02	45.39 -1.89 0.06	39.06 -1.88 0.02	36.14 -1.43 0.00	34.20 -1.35 0.00
GREENIDGE___4 23583	37.95 0.08 0.00	36.26 -0.11 0.00	34.39 -0.10 0.00	34.31 -0.17 0.00	35.71 -0.29 0.00	40.24 -0.33 0.00	52.17 -0.58 0.00	63.62 -1.37 0.00	53.74 -1.38 0.00	42.46 -0.91 0.00	37.23 -1.23 0.00	34.14 -1.13 0.00	32.39 -1.14 0.00	31.33 -1.17 0.00	29.67 -1.24 0.00	29.81 -1.24 0.00	32.94 -1.41 0.00	37.68 -1.57 0.00	46.13 -1.97 0.00	52.82 -2.03 -0.02	45.44 -1.85 0.06	39.10 -1.84 0.02	36.17 -1.39 0.00	34.20 -1.35 0.00
GREENLWN_69_KV_BK 3 55738	40.04 2.16 0.00	38.18 1.82 0.00	36.19 1.69 0.00	36.11 1.62 0.00	37.98 1.98 0.00	43.20 2.64 0.00	59.78 4.11 -2.92	72.65 5.39 -2.27	59.80 4.68 0.00	46.20 2.82 -0.01	40.38 1.88 -0.04	38.18 2.86 -0.05	36.14 2.62 0.00	34.94 2.44 0.00	33.57 2.53 -0.13	33.66 2.58 -0.03	37.37 3.02 0.00	43.14 3.38 -0.51	57.50 4.67 -4.73	60.26 5.43 0.00	56.87 4.64 -4.88	52.85 4.01 -7.88	39.77 1.95 -0.25	38.29 2.74 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.66 1.79 -18.38	55.40 1.98 -17.43	55.38 2.19 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.50 3.80 -2.59	58.23 3.25 -11.61	58.41 2.92 -17.02	60.49 2.57 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.54 2.36 -29.12	62.33 2.61 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.28 3.32 -16.00	58.04 2.78 -17.70	55.29 2.56 -17.18
GRISSOM___SOLAR 323813	40.07 2.20 0.00	38.40 2.04 0.00	36.43 1.93 0.00	36.42 1.93 0.00	38.16 2.16 0.00	43.08 2.52 0.00	56.39 3.64 0.00	69.53 4.55 0.00	58.64 3.53 0.00	45.45 2.08 0.00	39.92 1.46 0.00	36.43 1.16 0.00	34.46 0.94 0.00	33.54 1.04 0.00	31.90 0.99 0.00	32.08 1.02 0.00	35.66 1.31 0.00	41.25 2.00 0.00	51.28 3.17 0.00	58.72 3.89 0.00	50.61 3.26 0.00	43.86 2.91 0.00	40.12 2.56 0.00	37.86 2.31 0.00
GROVEVILLE___HYD 323602	39.36 1.48 0.00	37.78 1.42 0.00	35.81 1.31 0.00	35.80 1.31 0.00	37.47 1.48 0.00	42.27 1.70 0.00	55.34 2.58 0.00	68.43 3.44 0.00	58.20 3.09 0.00	45.80 2.43 0.00	40.50 2.04 0.00	37.06 1.80 0.00	35.24 1.71 0.00	34.19 1.69 0.00	32.61 1.70 0.00	32.76 1.71 0.00	36.27 1.92 0.00	41.61 2.36 0.00	51.04 2.93 0.00	58.39 3.56 0.00	50.38 3.03 0.00	43.58 2.62 0.00	39.67 2.10 0.00	37.54 1.99 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	37.42 -0.45 0.00	35.89 -0.47 0.00	34.01 -0.48 0.00	34.00 -0.48 0.00	35.46 -0.54 0.00	39.96 -0.61 0.00	51.64 -1.11 0.00	63.62 -1.36 0.00	53.84 -1.27 0.00	42.42 -0.95 0.00	37.54 -0.92 0.00	34.42 -0.85 0.00	32.69 -0.84 0.00	31.69 -0.81 0.00	30.10 -0.80 0.00	30.25 -0.81 0.00	33.42 -0.93 0.00	38.15 -1.10 0.00	46.66 -1.44 0.00	53.29 -1.54 0.00	46.07 -1.28 0.00	39.77 -1.19 0.00	36.70 -0.86 0.00	34.77 -0.78 0.00

HAMLTNNY_34_KV_TB 80303	37.50 -0.38 0.00	35.93 -0.44 0.00	34.05 -0.45 0.00	34.07 -0.41 0.00	35.49 -0.50 0.00	40.00 -0.57 0.00	51.75 -1.00 0.00	63.75 -1.23 0.00	53.90 -1.21 0.00	42.46 -0.91 0.00	37.58 -0.88 0.00	34.42 -0.85 0.00	32.69 -0.84 0.00	31.69 -0.81 0.00	30.07 -0.83 0.00	30.25 -0.81 0.00	33.39 -0.96 0.00	38.15 -1.10 0.00	46.66 -1.44 0.00	53.35 -1.48 0.00	46.07 -1.28 0.00	39.77 -1.19 0.00	36.70 -0.86 0.00	34.77 -0.78 0.00
HAMPSHIRE___PAPER_HYD 323593	37.88 0.00 0.00	36.47 0.11 0.00	34.60 0.10 0.00	34.59 0.10 0.00	36.10 0.11 0.00	40.69 0.12 0.00	53.23 0.47 0.00	65.83 0.84 0.00	55.39 0.28 0.00	43.20 -0.17 0.00	38.19 -0.27 0.00	34.88 -0.39 0.00	33.09 -0.44 0.00	32.05 -0.46 0.00	30.41 -0.50 0.00	30.62 -0.43 0.00	34.01 -0.34 0.00	38.90 -0.35 0.00	47.77 -0.33 0.00	54.45 -0.38 0.00	46.97 -0.38 0.00	40.47 -0.49 0.00	36.92 -0.64 0.00	34.84 -0.71 0.00
HARDSCRABBLE_WT_PWR 323673	37.12 -0.76 0.00	35.67 -0.69 0.00	33.84 -0.66 0.00	33.83 -0.66 0.00	35.35 -0.65 0.00	39.92 -0.65 0.00	52.01 -0.74 0.00	64.14 -0.85 0.00	54.45 -0.66 0.00	42.72 -0.65 0.00	37.96 -0.50 0.00	34.77 -0.49 0.00	33.09 -0.44 0.00	32.05 -0.46 0.00	30.44 -0.46 0.00	30.56 -0.50 0.00	33.77 -0.58 0.00	38.50 -0.75 0.00	47.05 -1.06 0.00	53.51 -1.32 0.00	46.21 -1.14 0.00	40.06 -0.90 0.00	36.62 -0.94 0.00	34.67 -0.89 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	38.98 1.10 0.00	37.38 1.02 0.00	35.46 0.97 0.00	35.42 0.93 0.00	37.08 1.08 0.00	41.78 1.22 0.00	54.65 1.90 0.00	67.65 2.66 0.00	57.59 2.48 0.00	45.37 2.00 0.00	40.19 1.73 0.00	36.79 1.52 -0.01	34.97 1.44 0.00	33.90 1.40 0.00	32.34 1.42 -0.01	32.52 1.46 0.00	35.97 1.61 0.00	41.18 1.92 0.00	50.51 2.41 0.00	57.79 2.96 0.00	49.91 2.56 0.00	43.13 2.17 0.00	39.29 1.73 0.00	37.15 1.60 0.00
HARSNRAD_115KV_TB1 81005	36.59 -1.29 0.00	34.66 -1.71 0.00	32.70 -1.79 0.00	32.83 -1.66 0.00	33.84 -2.16 0.00	38.33 -2.23 0.00	48.37 -4.38 0.00	59.13 -5.85 0.00	49.82 -5.29 0.00	39.99 -3.38 0.00	35.42 -3.04 0.00	32.23 -3.03 0.00	30.54 -2.98 0.00	29.68 -2.83 0.00	28.09 -2.81 0.00	28.23 -2.83 0.00	30.88 -3.47 0.00	34.93 -4.32 0.00	42.14 -5.97 0.00	47.91 -6.91 0.01	39.98 -5.82 1.55	34.96 -5.08 0.92	33.54 -4.02 0.00	31.68 -3.88 0.00
HARZA MOOSE___RIVER 24016	38.45 0.57 0.00	36.95 0.58 0.00	35.01 0.52 0.00	35.00 0.52 0.00	36.57 0.58 0.00	41.26 0.69 0.00	53.86 1.11 0.00	66.48 1.49 0.00	56.16 1.05 0.00	43.72 0.35 0.00	38.61 0.15 0.00	35.27 0.00 0.00	33.49 -0.03 0.00	32.44 -0.07 0.00	30.78 -0.12 0.00	30.99 -0.06 0.00	34.42 0.07 0.00	39.33 0.08 0.00	48.30 0.19 0.00	55.10 0.27 0.00	47.54 0.19 0.00	41.00 0.04 0.00	37.37 -0.19 0.00	35.34 -0.21 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	37.16 -0.72 0.00	35.64 -0.73 0.00	33.77 -0.72 0.00	33.76 -0.72 0.00	35.17 -0.83 0.00	39.67 -0.89 0.00	51.22 -1.53 0.00	63.10 -1.88 0.00	53.40 -1.71 0.00	42.11 -1.26 0.00	37.31 -1.15 0.00	34.21 -1.06 0.00	32.49 -1.04 0.00	31.50 -1.01 0.00	29.92 -0.99 0.00	30.06 -0.99 0.00	33.22 -1.13 0.00	37.88 -1.37 0.00	46.33 -1.78 0.00	52.91 -1.92 0.00	45.74 -1.61 0.00	39.48 -1.47 0.00	36.44 -1.13 0.00	34.56 -1.00 0.00
HELLGATE_13_KV_LD 55870	39.67 1.78 -0.01	38.05 1.67 -0.01	36.02 1.52 -0.01	36.37 1.52 -0.37	37.70 1.69 -0.01	42.94 1.91 -0.47	55.34 2.58 0.00	68.23 3.25 0.00	58.47 3.36 0.00	46.28 2.91 0.00	42.04 2.65 -0.93	41.31 2.36 -3.68	38.53 2.28 -2.72	38.65 2.18 -3.97	38.36 2.19 -5.26	37.69 2.21 -4.43	40.39 2.40 -3.64	44.23 2.79 -2.19	51.57 3.46 0.00	58.72 3.89 0.00	50.71 3.36 0.00	43.95 2.99 0.00	40.74 2.52 -0.66	38.50 2.31 -0.64
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	39.67 1.78 -0.01	38.05 1.67 -0.01	36.02 1.52 -0.01	36.37 1.52 -0.37	37.70 1.69 -0.01	42.94 1.91 -0.47	55.34 2.58 0.00	68.23 3.25 0.00	58.47 3.36 0.00	46.28 2.91 0.00	42.04 2.65 -0.93	41.31 2.36 -3.68	38.53 2.28 -2.72	38.65 2.18 -3.97	38.36 2.19 -5.26	37.69 2.21 -4.43	40.39 2.40 -3.64	44.23 2.79 -2.19	51.57 3.46 0.00	58.72 3.89 0.00	50.71 3.36 0.00	43.95 2.99 0.00	40.74 2.52 -0.66	38.50 2.31 -0.64
HEMPSTEAD____ 23647	39.62 1.74 0.00	37.86 1.49 0.00	35.88 1.38 0.00	35.93 1.45 0.00	37.58 1.58 0.00	42.75 2.19 0.00	58.84 3.16 -2.93	71.42 4.16 -2.28	58.98 3.86 -0.01	46.35 2.95 -0.03	41.39 2.85 -0.08	37.65 2.33 -0.05	35.61 2.08 0.00	34.55 2.05 0.00	33.20 2.16 -0.13	33.26 2.17 -0.03	36.73 2.37 -0.01	42.73 2.95 -0.54	56.64 3.80 -4.73	59.22 4.39 -0.01	55.97 3.74 -4.88	52.12 3.28 -7.89	40.49 2.63 -0.30	37.97 2.42 0.00
HEWLETT_69_KV_BK3 55828	39.89 2.01 0.00	38.15 1.78 0.00	36.12 1.62 0.00	36.07 1.59 0.00	37.87 1.87 0.00	42.88 2.31 0.00	59.15 3.48 -2.92	71.74 4.48 -2.27	59.19 4.08 0.00	46.76 3.30 -0.09	41.76 3.08 -0.22	37.93 2.61 -0.05	35.94 2.41 0.00	34.78 2.28 0.00	33.36 2.32 -0.13	33.45 2.36 -0.03	37.06 2.71 0.00	43.06 3.22 -0.59	56.87 4.04 -4.73	59.54 4.72 0.00	56.25 4.02 -4.88	52.32 3.48 -7.88	41.01 3.00 -0.44	38.11 2.56 0.00
HICKLING___1 23621	38.07 0.19 0.00	36.33 -0.04 0.00	34.36 -0.14 0.00	34.38 -0.10 0.00	35.67 -0.32 0.00	40.24 -0.32 0.00	51.85 -0.90 0.00	63.75 -1.23 0.00	53.62 -1.49 0.00	42.42 -0.95 0.00	37.42 -1.04 0.00	34.14 -1.13 0.00	32.39 -1.14 0.00	31.37 -1.14 0.00	29.70 -1.21 0.00	29.81 -1.24 0.00	32.84 -1.51 0.00	37.45 -1.81 0.00	45.75 -2.36 0.00	52.31 -2.52 -0.01	43.86 -2.51 0.98	38.06 -2.33 0.56	35.87 -1.69 0.00	34.02 -1.53 0.00
HICKLING___2 23622	38.07 0.19 0.00	36.33 -0.04 0.00	34.36 -0.14 0.00	34.38 -0.10 0.00	35.67 -0.32 0.00	40.24 -0.32 0.00	51.85 -0.90 0.00	63.75 -1.23 0.00	53.62 -1.49 0.00	42.42 -0.95 0.00	37.42 -1.04 0.00	34.14 -1.13 0.00	32.39 -1.14 0.00	31.37 -1.14 0.00	29.70 -1.21 0.00	29.81 -1.24 0.00	32.84 -1.51 0.00	37.45 -1.81 0.00	45.75 -2.36 0.00	52.31 -2.52 -0.01	43.86 -2.51 0.98	38.06 -2.33 0.56	35.87 -1.69 0.00	34.02 -1.53 0.00
HIGH FALLS___HY 23754	39.05 1.17 0.00	37.46 1.09 0.00	35.50 1.00 0.00	35.49 1.00 0.00	37.15 1.15 0.00	41.90 1.34 0.00	54.86 2.11 0.00	67.84 2.86 0.00	57.70 2.59 0.00	45.37 2.00 0.00	40.15 1.69 0.00	36.75 1.48 0.00	34.93 1.41 0.00	33.90 1.40 0.00	32.33 1.42 0.00	32.48 1.43 0.00	36.00 1.65 0.00	41.29 2.04 0.00	50.61 2.50 0.00	58.01 3.18 0.00	50.05 2.70 0.00	43.21 2.25 0.00	39.33 1.77 0.00	37.22 1.67 0.00
HIGH_RIVER___SOLAR 323847	39.24 1.36 0.00	37.64 1.27 0.00	35.70 1.21 0.00	35.69 1.21 0.00	37.33 1.33 0.00	42.15 1.58 0.00	55.02 2.27 0.00	67.71 2.73 0.00	57.32 2.21 0.00	44.63 1.26 0.00	39.23 0.77 0.00	35.76 0.49 0.00	33.90 0.37 0.00	32.99 0.49 0.00	31.40 0.49 0.00	31.62 0.56 0.00	35.14 0.79 0.00	40.51 1.26 0.00	50.22 2.11 0.00	57.40 2.58 0.00	49.58 2.23 0.00	42.92 1.97 0.00	39.29 1.73 0.00	37.15 1.60 0.00

HILLBURN___GT 23639	38.94 1.06 0.00	37.35 0.98 0.00	35.39 0.90 0.00	35.42 0.93 0.00	37.00 1.01 0.00	41.74 1.18 0.00	54.55 1.79 0.00	67.52 2.53 0.00	57.59 2.48 0.00	45.37 2.00 0.00	40.31 1.85 0.00	36.82 1.55 -0.01	35.00 1.47 0.00	33.97 1.46 0.00	32.40 1.48 -0.01	32.55 1.49 0.00	35.97 1.61 0.00	41.14 1.88 0.00	50.51 2.40 0.00	57.73 2.90 0.00	49.86 2.51 0.00	43.13 2.17 0.00	39.29 1.73 0.00	37.23 1.67 0.00
HILLSIDE_115KV_TB1 80332	37.65 -0.23 0.00	35.89 -0.47 0.00	33.98 -0.52 0.00	33.97 -0.52 0.00	35.24 -0.76 0.00	39.75 -0.81 0.00	51.22 -1.53 0.00	62.97 -2.01 0.00	53.02 -2.09 0.00	42.03 -1.34 0.00	37.08 -1.38 0.00	33.89 -1.38 0.00	32.15 -1.37 0.00	31.17 -1.33 0.00	29.55 -1.36 0.00	29.66 -1.40 0.00	32.63 -1.72 0.00	37.17 -2.08 0.00	45.41 -2.69 0.00	51.87 -2.96 -0.01	43.57 -2.84 0.93	37.88 -2.54 0.54	35.65 -1.92 0.00	33.88 -1.67 0.00
HISHELDN_WT_PWR 323625	37.04 -0.83 0.00	35.17 -1.20 0.00	33.36 -1.14 0.00	33.28 -1.21 0.00	34.45 -1.55 0.00	38.74 -1.82 0.00	49.75 -3.00 0.00	60.56 -4.42 0.00	50.59 -4.52 0.00	40.38 -2.99 0.00	35.35 -3.11 0.00	32.55 -2.71 0.00	30.88 -2.65 0.00	29.90 -2.60 0.00	28.25 -2.66 0.00	28.32 -2.73 0.00	31.19 -3.16 0.00	35.37 -3.89 0.00	42.96 -5.15 0.00	48.63 -6.14 0.06	35.87 -5.49 5.98	32.44 -4.96 3.56	33.58 -3.98 0.00	31.78 -3.77 0.00
HOLTSVILLE_IC_1 23690	39.58 1.71 0.00	37.71 1.35 0.00	35.84 1.34 0.00	35.97 1.48 0.00	37.54 1.55 0.00	43.08 2.52 0.00	59.27 3.59 -2.93	71.81 4.55 -2.28	59.14 4.02 -0.01	46.33 2.95 -0.01	41.49 3.00 -0.03	37.65 2.33 -0.05	35.50 1.98 0.00	34.55 2.05 0.00	33.36 2.32 -0.13	33.32 2.24 -0.03	36.76 2.40 -0.01	42.99 3.22 -0.51	56.88 4.04 -4.73	59.44 4.61 -0.01	56.21 3.98 -4.88	52.49 3.64 -7.89	40.67 2.85 -0.25	38.08 2.52 0.00
HOLTSVILLE_IC_10 23699	39.73 1.86 0.00	37.86 1.49 0.00	35.94 1.45 0.00	36.11 1.62 0.00	37.65 1.66 0.00	43.33 2.76 0.00	59.58 3.90 -2.93	72.20 4.94 -2.28	59.47 4.35 -0.01	46.46 3.08 -0.01	41.61 3.11 -0.03	37.79 2.47 -0.05	35.61 2.08 0.00	34.68 2.18 0.00	33.48 2.44 -0.13	33.44 2.36 -0.03	36.90 2.54 -0.01	43.14 3.38 -0.52	57.12 4.28 -4.73	59.71 4.88 -0.01	56.50 4.26 -4.88	52.74 3.89 -7.89	40.78 2.97 -0.25	38.18 2.63 0.00
HOLTSVILLE_IC_2 23691	39.58 1.71 0.00	37.71 1.35 0.00	35.84 1.34 0.00	35.97 1.48 0.00	37.54 1.55 0.00	43.08 2.52 0.00	59.27 3.59 -2.93	71.81 4.55 -2.28	59.14 4.02 -0.01	46.33 2.95 -0.01	41.49 3.00 -0.03	37.65 2.33 -0.05	35.50 1.98 0.00	34.55 2.05 0.00	33.36 2.32 -0.13	33.32 2.24 -0.03	36.76 2.40 -0.01	42.99 3.22 -0.51	56.88 4.04 -4.73	59.44 4.61 -0.01	56.21 3.98 -4.88	52.49 3.64 -7.89	40.67 2.85 -0.25	38.08 2.52 0.00
HOLTSVILLE_IC_3 23692	39.58 1.71 0.00	37.71 1.35 0.00	35.84 1.34 0.00	35.97 1.48 0.00	37.54 1.55 0.00	43.08 2.52 0.00	59.27 3.59 -2.93	71.81 4.55 -2.28	59.14 4.02 -0.01	46.33 2.95 -0.01	41.49 3.00 -0.03	37.65 2.33 -0.05	35.50 1.98 0.00	34.55 2.05 0.00	33.36 2.32 -0.13	33.32 2.24 -0.03	36.76 2.40 -0.01	42.99 3.22 -0.51	56.88 4.04 -4.73	59.44 4.61 -0.01	56.21 3.98 -4.88	52.49 3.64 -7.89	40.67 2.85 -0.25	38.08 2.52 0.00
HOLTSVILLE_IC_4 23693	39.58 1.71 0.00	37.71 1.35 0.00	35.84 1.34 0.00	35.97 1.48 0.00	37.54 1.55 0.00	43.08 2.52 0.00	59.27 3.59 -2.93	71.81 4.55 -2.28	59.14 4.02 -0.01	46.33 2.95 -0.01	41.49 3.00 -0.03	37.65 2.33 -0.05	35.50 1.98 0.00	34.55 2.05 0.00	33.36 2.32 -0.13	33.32 2.24 -0.03	36.76 2.40 -0.01	42.99 3.22 -0.51	56.88 4.04 -4.73	59.44 4.61 -0.01	56.21 3.98 -4.88	52.49 3.64 -7.89	40.67 2.85 -0.25	38.08 2.52 0.00
HOLTSVILLE_IC_5 23694	39.58 1.71 0.00	37.71 1.35 0.00	35.84 1.34 0.00	35.97 1.48 0.00	37.54 1.55 0.00	43.08 2.52 0.00	59.27 3.59 -2.93	71.81 4.55 -2.28	59.14 4.02 -0.01	46.33 2.95 -0.01	41.49 3.00 -0.03	37.65 2.33 -0.05	35.50 1.98 0.00	34.55 2.05 0.00	33.36 2.32 -0.13	33.32 2.24 -0.03	36.76 2.40 -0.01	42.99 3.22 -0.51	56.88 4.04 -4.73	59.44 4.61 -0.01	56.21 3.98 -4.88	52.49 3.64 -7.89	40.67 2.85 -0.25	38.08 2.52 0.00
HOLTSVILLE_IC_6 23695	39.73 1.86 0.00	37.86 1.49 0.00	35.94 1.45 0.00	36.11 1.62 0.00	37.65 1.66 0.00	43.33 2.76 0.00	59.58 3.90 -2.93	72.20 4.94 -2.28	59.47 4.35 -0.01	46.46 3.08 -0.01	41.61 3.11 -0.03	37.79 2.47 -0.05	35.61 2.08 0.00	34.68 2.18 0.00	33.48 2.44 -0.13	33.44 2.36 -0.03	36.90 2.54 -0.01	43.14 3.38 -0.52	57.12 4.28 -4.73	59.71 4.88 -0.01	56.50 4.26 -4.88	52.74 3.89 -7.89	40.78 2.97 -0.25	38.18 2.63 0.00
HOLTSVILLE_IC_7 23696	39.73 1.86 0.00	37.86 1.49 0.00	35.94 1.45 0.00	36.11 1.62 0.00	37.65 1.66 0.00	43.33 2.76 0.00	59.58 3.90 -2.93	72.20 4.94 -2.28	59.47 4.35 -0.01	46.46 3.08 -0.01	41.61 3.11 -0.03	37.79 2.47 -0.05	35.61 2.08 0.00	34.68 2.18 0.00	33.48 2.44 -0.13	33.44 2.36 -0.03	36.90 2.54 -0.01	43.14 3.38 -0.52	57.12 4.28 -4.73	59.71 4.88 -0.01	56.50 4.26 -4.88	52.74 3.89 -7.89	40.78 2.97 -0.25	38.18 2.63 0.00
HOLTSVILLE_IC_8 23697	39.73 1.86 0.00	37.86 1.49 0.00	35.94 1.45 0.00	36.11 1.62 0.00	37.65 1.66 0.00	43.33 2.76 0.00	59.58 3.90 -2.93	72.20 4.94 -2.28	59.47 4.35 -0.01	46.46 3.08 -0.01	41.61 3.11 -0.03	37.79 2.47 -0.05	35.61 2.08 0.00	34.68 2.18 0.00	33.48 2.44 -0.13	33.44 2.36 -0.03	36.90 2.54 -0.01	43.14 3.38 -0.52	57.12 4.28 -4.73	59.71 4.88 -0.01	56.50 4.26 -4.88	52.74 3.89 -7.89	40.78 2.97 -0.25	38.18 2.63 0.00
HOLTSVILLE_IC_9 23698	39.73 1.86 0.00	37.86 1.49 0.00	35.94 1.45 0.00	36.11 1.62 0.00	37.65 1.66 0.00	43.33 2.76 0.00	59.58 3.90 -2.93	72.20 4.94 -2.28	59.47 4.35 -0.01	46.46 3.08 -0.01	41.61 3.11 -0.03	37.79 2.47 -0.05	35.61 2.08 0.00	34.68 2.18 0.00	33.48 2.44 -0.13	33.44 2.36 -0.03	36.90 2.54 -0.01	43.14 3.38 -0.52	57.12 4.28 -4.73	59.71 4.88 -0.01	56.50 4.26 -4.88	52.74 3.89 -7.89	40.78 2.97 -0.25	38.18 2.63 0.00
HOMER_HL_115KV_TB2 355744	38.30 0.42 0.00	36.33 -0.04 0.00	34.32 -0.17 0.00	34.35 -0.14 0.00	35.42 -0.58 0.00	39.96 -0.61 0.00	51.12 -1.64 0.00	62.64 -2.34 0.00	52.63 -2.48 0.00	42.11 -1.26 0.00	37.19 -1.27 0.00	33.93 -1.34 0.00	32.12 -1.41 0.00	31.14 -1.37 0.00	29.45 -1.45 0.00	29.53 -1.52 0.00	32.36 -1.99 0.00	36.50 -2.75 0.00	44.21 -3.90 0.00	50.50 -4.33 0.00	41.46 -5.16 0.73	36.31 -4.22 0.42	34.93 -2.63 0.00	33.35 -2.20 0.00
HOWARD_WT_PWR 323690	38.22 0.34 0.00	36.36 0.00 0.00	34.50 0.00 0.00	34.38 -0.10 0.00	35.67 -0.32 0.00	40.20 -0.37 0.00	52.01 -0.74 0.00	63.62 -1.37 0.00	53.07 -2.04 0.00	41.98 -1.39 0.00	36.73 -1.73 0.00	33.72 -1.55 0.00	31.95 -1.58 0.00	30.88 -1.62 0.00	29.18 -1.73 0.00	29.22 -1.83 0.00	32.25 -2.10 0.00	36.78 -2.47 0.00	44.98 -3.13 0.00	51.19 -3.67 -0.04	45.68 -3.50 -1.83	38.67 -3.40 -1.11	34.86 -2.70 0.00	32.96 -2.59 0.00

HQ_GEN_CEDARS 23644	38.33 0.45 0.00	36.91 0.55 0.00	35.05 0.55 0.00	35.07 0.59 0.00	36.54 0.54 0.00	41.13 0.57 0.00	53.70 0.95 0.00	66.41 1.43 0.00	56.05 0.94 0.00	44.02 0.65 0.00	39.04 0.58 0.00	35.72 0.46 0.00	33.96 0.44 0.00	32.89 0.39 0.00	31.25 0.34 0.00	31.40 0.34 0.00	34.80 0.45 0.00	39.80 0.55 0.00	48.78 0.67 0.00	55.49 0.66 0.00	47.78 0.43 0.00	41.24 0.29 0.00	37.79 0.23 0.00	35.66 0.11 0.00
HQ_GEN_CEDARS_PROXY 323590	38.33 0.46 0.00	36.91 0.55 0.00	35.05 0.55 0.00	35.07 0.59 0.00	36.54 0.54 0.00	41.18 0.61 0.00	53.70 0.95 0.00	66.41 1.43 0.00	56.05 0.94 0.00	44.02 0.65 0.00	39.04 0.58 0.00	35.72 0.46 0.00	33.96 0.43 0.00	32.89 0.39 0.00	31.25 0.34 0.00	31.40 0.34 0.00	34.80 0.45 0.00	39.80 0.55 0.00	48.78 0.67 0.00	55.49 0.66 0.00	47.78 0.43 0.00	41.25 0.29 0.00	37.79 0.23 0.00	35.70 0.14 0.00
HQ_GEN_IMPORT 323601	38.03 0.15 0.00	36.58 0.22 0.00	34.70 0.21 0.00	34.69 0.21 0.00	36.21 0.22 0.00	40.81 0.24 0.00	53.12 0.37 0.00	65.57 0.58 0.00	55.50 0.39 0.00	43.68 0.31 0.00	38.73 0.27 0.00	35.51 0.25 0.00	33.73 0.20 0.00	32.70 0.20 0.00	31.09 0.19 0.00	31.24 0.19 0.00	34.59 0.24 0.00	39.53 0.28 0.00	48.40 0.29 0.00	55.10 0.28 0.00	47.49 0.14 0.00	41.08 0.12 0.00	37.64 0.08 0.00	35.59 0.04 0.00
HQ_GEN_WHEEL 23651	38.03 0.15 0.00	36.58 0.22 0.00	34.70 0.21 0.00	34.69 0.21 0.00	36.21 0.22 0.00	40.81 0.24 0.00	53.12 0.37 0.00	65.57 0.58 0.00	55.50 0.39 0.00	43.68 0.31 0.00	38.73 0.27 0.00	35.51 0.25 0.00	33.73 0.20 0.00	32.70 0.20 0.00	31.09 0.19 0.00	31.24 0.19 0.00	34.59 0.24 0.00	39.53 0.28 0.00	48.40 0.29 0.00	55.10 0.28 0.00	47.49 0.14 0.00	41.08 0.12 0.00	37.64 0.08 0.00	35.59 0.04 0.00
HUDSON AVE_GT_3 23810	39.47 1.59 0.00	37.86 1.49 0.00	35.84 1.35 0.00	35.83 1.34 0.00	37.51 1.51 0.00	42.31 1.74 0.00	55.34 2.58 0.00	68.36 3.38 0.00	58.53 3.42 0.00	46.19 2.82 0.00	41.02 2.54 -0.02	38.26 2.26 -0.74	35.69 2.15 -0.01	34.58 2.08 0.00	34.92 2.07 -1.95	33.60 2.11 -0.43	36.65 2.30 0.00	41.92 2.67 0.00	51.52 3.42 0.00	58.72 3.89 0.00	50.66 3.31 0.00	43.86 2.91 0.00	39.93 2.37 0.00	37.72 2.17 0.00
HUDSON AVE_GT_4 23540	39.47 1.59 0.00	37.86 1.49 0.00	35.84 1.35 0.00	35.83 1.34 0.00	37.51 1.51 0.00	42.31 1.74 0.00	55.34 2.58 0.00	68.36 3.38 0.00	58.53 3.42 0.00	46.19 2.82 0.00	41.02 2.54 -0.02	38.26 2.26 -0.74	35.69 2.15 -0.01	34.58 2.08 0.00	34.92 2.07 -1.95	33.60 2.11 -0.43	36.65 2.30 0.00	41.92 2.67 0.00	51.52 3.42 0.00	58.72 3.89 0.00	50.66 3.31 0.00	43.86 2.91 0.00	39.93 2.37 0.00	37.72 2.17 0.00
HUDSON AVE_GT_5 23657	39.47 1.59 0.00	37.86 1.49 0.00	35.84 1.35 0.00	35.83 1.34 0.00	37.51 1.51 0.00	42.31 1.74 0.00	55.34 2.58 0.00	68.36 3.38 0.00	58.53 3.42 0.00	46.19 2.82 0.00	41.02 2.54 -0.02	38.26 2.26 -0.74	35.69 2.15 -0.01	34.58 2.08 0.00	34.92 2.07 -1.95	33.60 2.11 -0.43	36.65 2.30 0.00	41.92 2.67 0.00	51.52 3.42 0.00	58.72 3.89 0.00	50.66 3.31 0.00	43.86 2.91 0.00	39.93 2.37 0.00	37.72 2.17 0.00
HUDSON_AVE_10 24168	39.32 1.44 0.00	37.75 1.38 0.00	35.74 1.24 0.00	35.76 1.28 0.00	37.40 1.40 0.00	42.19 1.62 0.00	55.13 2.37 0.00	68.17 3.18 0.00	58.31 3.20 0.00	46.02 2.65 0.00	40.91 2.42 -0.02	38.19 2.19 -0.74	35.62 2.08 -0.01	34.49 1.98 0.00	34.86 2.01 -1.95	33.50 2.02 -0.43	36.55 2.20 0.00	41.80 2.55 0.00	51.33 3.22 0.00	58.56 3.73 0.00	50.52 3.17 0.00	43.78 2.83 0.00	39.82 2.25 0.00	37.62 2.06 0.00
HUDSON___115KV_TB 4 355613	39.43 1.55 0.00	37.86 1.49 0.00	35.91 1.41 0.00	35.90 1.41 0.00	37.58 1.58 0.00	42.39 1.83 0.00	55.92 3.17 0.00	68.75 3.77 0.00	57.92 2.81 0.00	45.19 1.82 0.00	39.81 1.35 0.00	36.50 1.23 0.00	34.63 1.11 0.00	33.61 1.11 0.00	32.02 1.11 0.00	32.24 1.18 0.00	35.83 1.48 0.00	41.06 1.81 0.00	50.56 2.45 0.00	57.84 3.02 0.00	49.95 2.60 0.00	43.29 2.33 0.00	39.55 1.99 0.00	37.40 1.85 0.00
HUNTER MOUNT___DRP 323613	39.66 1.78 0.00	38.04 1.67 0.00	36.12 1.62 0.00	36.07 1.59 0.00	37.80 1.80 0.00	42.68 2.11 0.00	56.71 3.96 0.00	69.73 4.74 0.00	58.53 3.42 0.00	45.50 2.13 0.00	39.96 1.50 0.00	36.57 1.30 0.00	34.70 1.17 0.00	33.67 1.17 0.00	32.08 1.17 0.00	32.33 1.27 0.00	36.00 1.65 0.00	41.18 1.92 0.00	50.75 2.65 0.00	58.12 3.29 0.00	50.14 2.79 0.00	43.41 2.46 0.00	39.70 2.14 0.00	37.58 2.03 0.00
HUNTINGTON_RES_REC 323705	39.96 2.08 0.00	38.07 1.71 0.00	36.15 1.66 0.00	36.24 1.76 0.00	37.87 1.87 0.00	43.40 2.84 0.00	59.74 4.06 -2.93	72.52 5.26 -2.28	59.75 4.63 -0.01	46.33 2.95 -0.01	41.00 2.50 -0.04	37.97 2.65 -0.05	35.81 2.28 0.00	34.81 2.31 0.00	33.54 2.50 -0.13	33.57 2.49 -0.03	37.11 2.75 -0.01	43.18 3.41 -0.52	57.46 4.62 -4.73	60.15 5.32 -0.01	56.78 4.55 -4.88	52.81 3.97 -7.89	40.19 2.37 -0.26	38.36 2.81 0.00
HUNTLEY___63 23557	37.01 -0.87 0.00	35.09 -1.27 0.00	33.08 -1.41 0.00	33.21 -1.28 0.00	34.27 -1.73 0.00	38.78 -1.78 0.00	48.95 -3.80 0.00	59.85 -5.13 0.00	50.48 -4.63 0.00	40.51 -2.86 0.00	35.88 -2.58 0.00	32.69 -2.57 0.00	30.94 -2.58 0.00	30.07 -2.44 0.00	28.46 -2.44 0.00	28.60 -2.45 0.00	31.26 -3.09 0.00	35.33 -3.93 0.00	42.57 -5.53 0.00	48.40 -6.41 0.01	40.52 -5.54 1.29	35.40 -4.79 0.76	33.88 -3.68 0.00	32.03 -3.52 0.00
HUNTLEY___64 23558	37.01 -0.87 0.00	35.09 -1.27 0.00	33.08 -1.41 0.00	33.21 -1.28 0.00	34.27 -1.73 0.00	38.78 -1.78 0.00	48.95 -3.80 0.00	59.85 -5.13 0.00	50.48 -4.63 0.00	40.51 -2.86 0.00	35.88 -2.58 0.00	32.69 -2.57 0.00	30.94 -2.58 0.00	30.07 -2.44 0.00	28.46 -2.44 0.00	28.60 -2.45 0.00	31.26 -3.09 0.00	35.33 -3.93 0.00	42.57 -5.53 0.00	48.40 -6.41 0.01	40.52 -5.54 1.29	35.40 -4.79 0.76	33.88 -3.68 0.00	32.03 -3.52 0.00
HUNTLEY___65 23559	37.01 -0.87 0.00	35.09 -1.27 0.00	33.08 -1.41 0.00	33.21 -1.28 0.00	34.27 -1.73 0.00	38.78 -1.78 0.00	48.95 -3.80 0.00	59.85 -5.13 0.00	50.48 -4.63 0.00	40.51 -2.86 0.00	35.88 -2.58 0.00	32.69 -2.57 0.00	30.94 -2.58 0.00	30.07 -2.44 0.00	28.46 -2.44 0.00	28.60 -2.45 0.00	31.26 -3.09 0.00	35.33 -3.93 0.00	42.57 -5.53 0.00	48.40 -6.41 0.01	40.52 -5.54 1.29	35.40 -4.79 0.76	33.88 -3.68 0.00	32.03 -3.52 0.00
HUNTLEY___66 23560	37.01 -0.87 0.00	35.09 -1.27 0.00	33.08 -1.41 0.00	33.21 -1.28 0.00	34.27 -1.73 0.00	38.78 -1.78 0.00	48.95 -3.80 0.00	59.85 -5.13 0.00	50.48 -4.63 0.00	40.51 -2.86 0.00	35.88 -2.58 0.00	32.69 -2.57 0.00	30.94 -2.58 0.00	30.07 -2.44 0.00	28.46 -2.44 0.00	28.60 -2.45 0.00	31.26 -3.09 0.00	35.33 -3.93 0.00	42.57 -5.53 0.00	48.40 -6.41 0.01	40.52 -5.54 1.29	35.40 -4.79 0.76	33.88 -3.68 0.00	32.03 -3.52 0.00



HUNTLEY___67 23561	36.89 -0.98 0.00	34.95 -1.42 0.00	32.98 -1.52 0.00	33.11 -1.38 0.00	34.12 -1.87 0.00	38.62 -1.95 0.00	48.79 -3.96 0.00	59.59 -5.39 0.00	50.26 -4.85 0.00	40.38 -2.99 0.00	35.81 -2.65 0.00	32.62 -2.64 0.00	30.91 -2.62 0.00	30.00 -2.50 0.00	28.43 -2.47 0.00	28.57 -2.48 0.00	31.23 -3.13 0.00	35.29 -3.96 0.00	42.53 -5.58 0.00	48.35 -6.47 0.01	40.50 -5.59 1.26	35.38 -4.83 0.75	33.84 -3.72 0.00	32.03 -3.52 0.00
HUNTLEY___68 23562	36.89 -0.98 0.00	34.95 -1.42 0.00	32.98 -1.52 0.00	33.11 -1.38 0.00	34.12 -1.87 0.00	38.62 -1.95 0.00	48.79 -3.96 0.00	59.59 -5.39 0.00	50.26 -4.85 0.00	40.38 -2.99 0.00	35.81 -2.65 0.00	32.62 -2.64 0.00	30.91 -2.62 0.00	30.00 -2.50 0.00	28.43 -2.47 0.00	28.57 -2.48 0.00	31.23 -3.13 0.00	35.29 -3.96 0.00	42.53 -5.58 0.00	48.35 -6.47 0.01	40.50 -5.59 1.26	35.38 -4.83 0.75	33.84 -3.72 0.00	32.03 -3.52 0.00
HYLAND___LFG 323620	38.71 0.83 0.00	36.91 0.55 0.00	34.98 0.48 0.00	34.90 0.42 0.00	36.25 0.25 0.00	40.89 0.32 0.00	52.91 0.16 0.00	64.60 -0.39 0.00	53.29 -1.82 0.00	41.85 -1.52 0.00	36.34 -2.12 0.00	33.33 -1.94 0.00	31.52 -2.01 0.00	30.49 -2.02 0.00	28.87 -2.04 0.00	29.13 -1.93 0.00	32.36 -1.99 0.00	37.25 -2.00 0.00	45.80 -2.31 0.00	52.84 -2.03 -0.04	48.61 -1.52 -2.78	40.78 -1.84 -1.67	36.21 -1.35 0.00	34.13 -1.42 0.00
INDECK___CORINTH 23802	38.30 0.42 0.00	36.80 0.44 0.00	34.91 0.42 0.00	34.90 0.42 0.00	36.57 0.57 0.00	41.38 0.81 0.00	54.12 1.37 0.00	66.80 1.82 0.00	56.43 1.32 0.00	44.11 0.74 0.00	40.23 1.77 0.00	36.68 1.41 0.00	34.67 1.14 0.00	33.54 1.04 0.00	31.92 1.02 0.00	32.17 1.12 0.00	35.73 1.38 0.00	41.25 2.00 0.00	51.14 3.03 0.00	58.17 3.34 0.00	50.19 2.84 0.00	43.54 2.58 0.00	39.78 2.22 0.00	37.69 2.13 0.00
INDECK___ILION 23567	37.61 -0.27 0.00	36.15 -0.22 0.00	34.29 -0.21 0.00	34.28 -0.21 0.00	35.82 -0.18 0.00	40.36 -0.20 0.00	52.65 -0.11 0.00	64.85 -0.13 0.00	55.06 -0.06 0.00	43.24 -0.13 0.00	38.34 -0.12 0.00	35.16 -0.11 0.00	33.43 -0.10 0.00	32.37 -0.13 0.00	30.78 -0.12 0.00	30.93 -0.12 0.00	34.21 -0.14 0.00	39.06 -0.20 0.00	47.87 -0.24 0.00	54.50 -0.33 0.00	47.07 -0.28 0.00	40.75 -0.20 0.00	37.26 -0.30 0.00	35.27 -0.28 0.00
INDECK___OLEAN 23982	38.30 0.42 0.00	36.33 -0.04 0.00	34.46 -0.03 0.00	34.35 -0.14 0.00	35.49 -0.50 0.00	39.88 -0.69 0.00	51.33 -1.42 0.00	62.65 -2.34 0.00	52.47 -2.64 0.00	42.11 -1.26 0.00	36.92 -1.54 0.00	33.96 -1.30 0.00	32.12 -1.41 0.00	31.14 -1.36 0.00	29.42 -1.48 0.00	29.50 -1.55 0.00	32.39 -1.96 0.00	36.50 -2.75 0.00	44.21 -3.89 0.00	50.50 -4.33 0.00	41.51 -5.11 0.73	36.31 -4.22 0.42	35.01 -2.56 0.00	33.49 -2.06 0.00
INDECK___OSWEGO 23783	36.78 -1.10 0.00	35.27 -1.09 0.00	33.46 -1.03 0.00	33.45 -1.03 0.00	34.88 -1.12 0.00	39.27 -1.30 0.00	50.75 -2.00 0.00	62.45 -2.54 0.00	52.80 -2.31 0.00	41.59 -1.78 0.00	36.81 -1.65 0.00	33.85 -1.41 0.00	32.15 -1.38 0.00	31.17 -1.33 0.00	29.61 -1.30 0.00	29.75 -1.30 0.00	32.91 -1.44 0.00	37.53 -1.73 0.00	45.89 -2.21 0.00	52.42 -2.41 0.00	45.36 -1.99 0.00	39.20 -1.76 0.00	36.14 -1.43 0.00	34.20 -1.35 0.00
INDECK___YERKES 23781	37.08 -0.80 0.00	35.13 -1.24 0.00	33.32 -1.17 0.00	33.25 -1.24 0.00	34.38 -1.62 0.00	38.62 -1.95 0.00	49.32 -3.43 0.00	59.91 -5.07 0.00	50.21 -4.91 0.00	40.55 -2.82 0.00	35.46 -3.00 0.00	32.76 -2.50 0.00	31.01 -2.52 0.00	30.10 -2.40 0.00	28.43 -2.47 0.00	28.54 -2.51 0.00	31.36 -2.99 0.00	35.37 -3.89 0.00	42.62 -5.49 0.00	48.46 -6.36 0.01	40.57 -5.49 1.29	35.44 -4.75 0.76	33.99 -3.57 0.00	32.21 -3.34 0.00
INDIAN POINT_GT_1 24139	39.01 1.14 0.00	37.42 1.05 0.00	35.50 1.00 0.00	35.45 0.97 0.00	37.11 1.12 0.00	41.78 1.22 0.00	54.70 1.95 0.00	67.58 2.60 0.00	57.65 2.54 0.00	45.45 2.08 0.00	40.31 1.85 0.00	36.90 1.62 -0.01	35.07 1.54 0.00	34.00 1.50 0.00	32.45 1.51 -0.02	32.58 1.52 -0.01	36.03 1.68 0.00	41.21 1.96 0.00	50.66 2.55 0.00	57.84 3.02 0.00	49.95 2.60 0.00	43.25 2.29 0.00	39.40 1.84 0.00	37.22 1.67 0.00
INDIAN POINT_GT_2 23659	39.01 1.14 0.00	37.42 1.05 0.00	35.50 1.00 0.00	35.45 0.97 0.00	37.11 1.12 0.00	41.78 1.22 0.00	54.70 1.95 0.00	67.58 2.60 0.00	57.65 2.54 0.00	45.45 2.08 0.00	40.31 1.85 0.00	36.90 1.62 -0.01	35.07 1.54 0.00	34.00 1.50 0.00	32.45 1.51 -0.02	32.58 1.52 -0.01	36.03 1.68 0.00	41.21 1.96 0.00	50.66 2.55 0.00	57.84 3.02 0.00	49.95 2.60 0.00	43.25 2.29 0.00	39.40 1.84 0.00	37.22 1.67 0.00
INDIAN POINT_GT_3 24019	39.01 1.14 0.00	37.42 1.05 0.00	35.50 1.00 0.00	35.45 0.97 0.00	37.11 1.12 0.00	41.78 1.22 0.00	54.70 1.95 0.00	67.58 2.60 0.00	57.65 2.54 0.00	45.45 2.08 0.00	40.31 1.85 0.00	36.90 1.62 -0.01	35.07 1.54 0.00	34.00 1.50 0.00	32.45 1.51 -0.02	32.58 1.52 -0.01	36.03 1.68 0.00	41.21 1.96 0.00	50.66 2.55 0.00	57.84 3.02 0.00	49.95 2.60 0.00	43.25 2.29 0.00	39.40 1.84 0.00	37.22 1.67 0.00
INDIAN POINT___2 23530	38.86 0.98 0.00	37.27 0.91 0.00	35.32 0.83 0.00	35.35 0.86 0.00	36.93 0.93 0.00	41.66 1.10 0.00	54.39 1.64 0.00	67.32 2.34 0.00	57.43 2.31 0.00	45.23 1.86 0.00	40.19 1.73 0.00	36.76 1.48 -0.01	34.90 1.38 0.00	33.87 1.36 0.00	32.32 1.39 -0.02	32.46 1.40 0.00	35.86 1.51 0.00	41.02 1.77 0.00	50.37 2.26 0.00	57.57 2.74 0.00	49.72 2.37 0.00	43.04 2.09 0.00	39.21 1.65 0.00	37.15 1.60 0.00
INDIAN POINT___3 23531	39.01 1.14 0.00	37.42 1.05 0.00	35.50 1.00 0.00	35.45 0.97 0.00	37.11 1.12 0.00	41.78 1.22 0.00	54.70 1.95 0.00	67.58 2.60 0.00	57.65 2.54 0.00	45.45 2.08 0.00	40.35 1.88 0.00	36.96 1.66 -0.03	35.10 1.58 0.00	34.03 1.53 0.00	32.53 1.55 -0.08	32.63 1.55 -0.02	36.07 1.72 0.00	41.25 2.00 0.00	50.66 2.55 0.00	57.84 3.02 0.00	49.95 2.60 0.00	43.25 2.29 0.00	39.40 1.84 0.00	37.26 1.71 0.00
INGHAM_C_115KV_TB7 356103	36.93 -0.95 0.00	35.49 -0.87 0.00	33.70 -0.79 0.00	33.66 -0.83 0.00	35.20 -0.79 0.00	39.71 -0.85 0.00	51.75 -1.00 0.00	63.81 -1.17 0.00	54.12 -0.99 0.00	42.50 -0.87 0.00	37.73 -0.73 0.00	34.60 -0.67 0.00	32.89 -0.64 0.00	31.85 -0.65 0.00	30.29 -0.62 0.00	30.40 -0.65 0.00	33.60 -0.76 0.00	38.31 -0.94 0.00	46.85 -1.25 0.00	53.29 -1.54 0.00	46.02 -1.33 0.00	39.89 -1.06 0.00	36.44 -1.13 0.00	34.49 -1.07 0.00
IP CORINTH___1 23988	38.52 0.64 0.00	37.02 0.65 0.00	35.12 0.62 0.00	35.11 0.62 0.00	36.79 0.79 0.00	41.58 1.01 0.00	54.49 1.74 0.00	67.13 2.14 0.00	56.71 1.60 0.00	44.37 1.00 0.00	40.19 1.73 0.00	36.71 1.45 0.00	34.67 1.14 0.00	33.54 1.04 0.00	31.90 0.99 0.00	32.17 1.12 0.00	35.73 1.37 0.00	41.25 2.00 0.00	51.14 3.03 0.00	58.17 3.34 0.00	50.19 2.84 0.00	43.54 2.58 0.00	39.78 2.22 0.00	37.62 2.06 0.00

IP___TICONDEROGA 23804	39.92 2.05 0.00	38.29 1.93 0.00	36.36 1.86 0.00	36.31 1.83 0.00	38.12 2.12 0.00	43.16 2.60 0.00	56.71 3.96 0.00	69.92 4.94 0.00	58.75 3.64 0.00	45.71 2.34 0.00	40.96 2.50 0.00	37.31 2.05 0.00	35.14 1.61 0.00	33.97 1.46 0.00	32.33 1.42 0.00	32.64 1.58 0.00	36.31 1.96 0.00	42.16 2.90 0.00	52.63 4.52 0.00	59.98 5.15 0.00	51.66 4.31 0.00	44.81 3.85 0.00	40.94 3.38 0.00	38.65 3.09 0.00
ISLIP_RES_REC 323679	39.88 2.01 0.00	38.00 1.64 0.00	36.08 1.59 0.00	36.24 1.76 0.00	37.83 1.83 0.00	43.53 2.96 0.00	59.84 4.17 -2.93	72.59 5.33 -2.28	59.75 4.63 -0.01	46.72 3.34 -0.01	41.76 3.27 -0.03	37.93 2.61 -0.05	35.74 2.21 0.00	34.81 2.31 0.00	33.57 2.53 -0.13	33.57 2.49 -0.03	37.04 2.68 -0.01	43.34 3.57 -0.52	57.36 4.52 -4.73	59.99 5.15 -0.01	56.73 4.50 -4.88	52.90 4.06 -7.89	40.93 3.12 -0.25	38.33 2.77 0.00
JAMAICA__27_KV_LOAD 355505	39.47 1.59 0.00	37.93 1.56 0.00	35.88 1.38 0.00	35.93 1.45 0.00	37.58 1.58 0.00	42.39 1.83 0.00	55.28 2.53 0.00	68.36 3.38 0.00	58.47 3.36 0.00	46.23 2.86 0.00	41.10 2.62 -0.02	38.36 2.36 -0.74	35.82 2.28 -0.01	34.65 2.15 0.00	35.02 2.16 -1.95	33.72 2.24 -0.43	36.72 2.37 0.00	42.00 2.75 0.00	51.57 3.46 0.00	58.78 3.95 0.00	50.71 3.36 0.00	43.99 3.03 0.00	40.00 2.44 0.00	37.83 2.28 0.00
JANIS___SOLAR 323808	39.17 1.29 0.00	37.56 1.20 0.00	35.60 1.10 0.00	35.56 1.07 0.00	37.11 1.12 0.00	41.90 1.34 0.00	54.65 1.90 0.00	67.39 2.41 0.00	56.49 1.38 0.00	43.93 0.56 0.00	38.46 0.00 0.00	35.09 -0.18 0.00	33.26 -0.27 0.00	32.15 -0.36 0.00	30.50 -0.40 0.00	30.75 -0.31 0.00	34.21 -0.14 0.00	39.45 0.20 0.00	48.69 0.58 0.00	55.76 0.93 0.00	49.65 0.66 -1.63	42.24 0.33 -0.96	37.86 0.30 0.00	35.80 0.25 0.00
JARVIS____ 23743	37.99 0.11 0.00	36.47 0.11 0.00	34.60 0.10 0.00	34.59 0.10 0.00	36.10 0.11 0.00	40.73 0.16 0.00	53.02 0.27 0.00	65.31 0.33 0.00	55.44 0.33 0.00	43.59 0.22 0.00	38.65 0.19 0.00	35.44 0.18 0.00	33.69 0.17 0.00	32.67 0.16 0.00	31.06 0.16 0.00	31.21 0.16 0.00	34.52 0.17 0.00	39.49 0.24 0.00	48.44 0.34 0.00	55.16 0.33 0.00	47.64 0.29 0.00	41.25 0.29 0.00	37.75 0.19 0.00	35.73 0.18 0.00
JENNISON___1 23625	39.24 1.36 0.00	37.67 1.31 0.00	35.70 1.21 0.00	35.69 1.21 0.00	37.29 1.30 0.00	42.11 1.54 0.00	54.97 2.22 0.00	67.91 2.92 0.00	57.32 2.20 0.00	44.63 1.26 0.00	39.31 0.85 0.00	35.76 0.49 0.00	33.93 0.40 0.00	32.80 0.29 0.00	31.09 0.19 0.00	31.30 0.25 0.00	34.73 0.38 0.00	39.92 0.67 0.00	49.16 1.06 0.00	56.14 1.32 0.00	48.58 0.95 -0.28	41.74 0.61 -0.17	38.05 0.49 0.00	36.02 0.46 0.00
JENNISON___2 23626	39.24 1.36 0.00	37.67 1.31 0.00	35.70 1.21 0.00	35.69 1.21 0.00	37.29 1.30 0.00	42.11 1.54 0.00	54.97 2.22 0.00	67.91 2.92 0.00	57.32 2.20 0.00	44.63 1.26 0.00	39.31 0.85 0.00	35.76 0.49 0.00	33.93 0.40 0.00	32.80 0.29 0.00	31.09 0.19 0.00	31.30 0.25 0.00	34.73 0.38 0.00	39.92 0.67 0.00	49.16 1.06 0.00	56.14 1.32 0.00	48.58 0.95 -0.28	41.74 0.61 -0.17	38.05 0.49 0.00	36.02 0.46 0.00
JERICHO_RISE_WT_PWR 323719	38.22 0.34 0.00	36.87 0.51 0.00	35.01 0.52 0.00	35.04 0.55 0.00	36.54 0.54 0.00	41.21 0.65 0.00	53.81 1.05 0.00	66.54 1.56 0.00	56.21 1.10 0.00	44.24 0.87 0.00	39.31 0.85 0.00	35.97 0.71 0.00	34.20 0.67 0.00	33.12 0.62 0.00	31.46 0.56 0.00	31.62 0.56 0.00	35.00 0.65 0.00	40.04 0.78 0.00	48.97 0.87 0.00	55.59 0.77 0.00	47.78 0.43 0.00	41.20 0.25 0.00	37.68 0.11 0.00	35.52 -0.04 0.00
KATONAH__115KV_46KV_TB4 355592	39.39 1.52 0.00	37.86 1.49 0.00	35.88 1.38 0.00	35.83 1.34 0.00	37.58 1.58 0.00	42.35 1.78 0.00	55.39 2.64 0.00	68.43 3.44 0.00	58.31 3.20 0.00	45.97 2.60 0.00	40.73 2.27 0.00	37.25 1.97 -0.01	35.37 1.84 0.00	34.29 1.79 0.00	32.68 1.76 -0.02	32.86 1.80 0.00	36.38 2.03 0.00	41.53 2.28 0.00	51.09 2.98 0.00	58.34 3.51 0.00	50.33 2.98 0.00	43.62 2.66 0.00	39.70 2.14 0.00	37.51 1.96 0.00
KCE_NY_1 323755	39.13 1.25 0.00	37.56 1.20 0.00	35.63 1.14 0.00	35.62 1.14 0.00	37.29 1.29 0.00	42.11 1.54 0.00	55.02 2.27 0.00	67.78 2.79 0.00	57.37 2.26 0.00	44.89 1.52 0.00	39.92 1.46 0.00	36.47 1.20 0.00	34.57 1.04 0.00	33.51 1.01 0.00	31.90 0.99 0.00	32.14 1.09 0.00	35.62 1.27 0.00	40.98 1.73 0.00	50.61 2.50 0.00	57.73 2.90 0.00	49.86 2.51 0.00	43.25 2.29 0.00	39.55 1.99 0.00	37.44 1.88 0.00
KCE_NY_6_ESR 323823	37.65 -0.23 0.00	35.64 -0.73 0.00	33.81 -0.69 0.00	33.73 -0.76 0.00	34.84 -1.15 0.00	39.19 -1.38 0.00	50.12 -2.64 0.00	60.95 -4.03 0.00	51.09 -4.02 0.00	41.20 -2.17 0.00	36.04 -2.42 0.00	33.29 -1.97 0.00	31.52 -2.01 0.00	30.59 -1.92 0.00	28.90 -2.01 0.00	28.98 -2.08 0.00	31.85 -2.51 0.00	35.88 -3.38 0.00	43.25 -4.86 0.00	49.17 -5.65 0.01	40.90 -5.26 1.19	35.79 -4.46 0.70	34.41 -3.16 0.00	32.67 -2.88 0.00
KEDC_PORT_JEFF_GT2 24210	39.73 1.86 0.00	37.86 1.49 0.00	35.94 1.45 0.00	36.11 1.62 0.00	37.65 1.66 0.00	43.33 2.76 0.00	59.58 3.90 -2.93	72.20 4.94 -2.28	59.47 4.35 -0.01	46.46 3.08 -0.01	41.57 3.08 -0.03	37.79 2.47 -0.05	35.61 2.08 0.00	34.68 2.18 0.00	33.48 2.44 -0.13	33.44 2.36 -0.03	36.90 2.54 -0.01	43.18 3.41 -0.52	57.17 4.33 -4.73	59.77 4.94 -0.01	56.50 4.26 -4.88	52.74 3.89 -7.89	40.75 2.93 -0.25	38.22 2.67 0.00
KEDC_PORT_JEFF_GT3 24211	39.73 1.86 0.00	37.86 1.49 0.00	35.94 1.45 0.00	36.11 1.62 0.00	37.65 1.66 0.00	43.33 2.76 0.00	59.58 3.90 -2.93	72.20 4.94 -2.28	59.47 4.35 -0.01	46.46 3.08 -0.01	41.57 3.08 -0.03	37.79 2.47 -0.05	35.61 2.08 0.00	34.68 2.18 0.00	33.48 2.44 -0.13	33.44 2.36 -0.03	36.90 2.54 -0.01	43.18 3.41 -0.52	57.17 4.33 -4.73	59.77 4.94 -0.01	56.50 4.26 -4.88	52.74 3.89 -7.89	40.75 2.93 -0.25	38.22 2.67 0.00
KEDC_GLWD_GT4 24219	39.85 1.97 0.00	38.07 1.71 0.00	36.08 1.59 0.00	36.11 1.62 0.00	37.79 1.80 0.00	42.96 2.39 0.00	59.11 3.43 -2.93	71.74 4.48 -2.28	59.31 4.19 -0.01	46.61 3.21 -0.03	41.58 3.04 -0.08	37.86 2.54 -0.05	35.81 2.28 0.00	34.74 2.24 0.00	33.36 2.32 -0.13	33.44 2.36 -0.03	36.94 2.58 -0.01	42.93 3.14 -0.54	56.88 4.04 -4.73	59.49 4.66 -0.01	56.21 3.98 -4.88	52.28 3.44 -7.89	40.64 2.78 -0.30	38.15 2.59 0.00
KEDC_GLWD_GT5 24220	39.85 1.97 0.00	38.07 1.71 0.00	36.08 1.59 0.00	36.11 1.62 0.00	37.79 1.80 0.00	42.96 2.39 0.00	59.11 3.43 -2.93	71.74 4.48 -2.28	59.31 4.19 -0.01	46.61 3.21 -0.03	41.58 3.04 -0.08	37.86 2.54 -0.05	35.81 2.28 0.00	34.74 2.24 0.00	33.36 2.32 -0.13	33.44 2.36 -0.03	36.94 2.58 -0.01	42.93 3.14 -0.54	56.88 4.04 -4.73	59.49 4.66 -0.01	56.21 3.98 -4.88	52.28 3.44 -7.89	40.64 2.78 -0.30	38.15 2.59 0.00

KENSICO____ 23655	39.20 1.33 0.00	37.64 1.27 0.00	35.67 1.17 0.00	35.62 1.14 0.00	37.29 1.30 0.00	42.03 1.46 0.00	55.02 2.27 0.00	67.97 2.99 0.00	57.98 2.87 0.00	45.71 2.34 0.00	40.58 2.12 -0.01	37.22 1.90 -0.05	35.34 1.81 0.00	34.26 1.76 0.00	32.75 1.73 -0.11	32.85 1.77 -0.02	36.31 1.96 0.00	41.53 2.28 0.00	51.04 2.93 0.00	58.23 3.40 0.00	50.29 2.94 0.00	43.54 2.58 0.00	39.63 2.07 0.00	37.44 1.88 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	39.09 1.21 0.00	37.49 1.13 0.00	35.56 1.07 0.00	35.52 1.03 0.00	37.18 1.19 0.00	41.95 1.38 0.00	54.91 2.16 0.00	67.91 2.92 0.00	57.70 2.59 0.00	45.37 2.00 0.00	40.11 1.65 0.00	36.71 1.45 0.00	34.90 1.37 0.00	33.87 1.37 0.00	32.27 1.36 0.00	32.45 1.40 0.00	35.97 1.61 0.00	41.25 2.00 0.00	50.61 2.50 0.00	58.01 3.18 0.00	50.05 2.70 0.00	43.25 2.29 0.00	39.37 1.80 0.00	37.22 1.67 0.00
KIAC_JFK_GT1 23816	39.24 1.36 0.00	37.75 1.38 0.00	35.70 1.21 0.00	35.76 1.28 0.00	37.40 1.40 0.00	42.15 1.58 0.00	54.76 2.00 0.00	67.71 2.73 0.00	57.98 2.87 0.00	45.97 2.60 0.00	40.91 2.42 -0.02	38.19 2.19 -0.74	35.65 2.11 -0.01	34.49 1.98 0.00	34.86 2.01 -1.95	33.57 2.08 -0.43	36.55 2.20 0.00	41.80 2.55 0.00	51.09 2.98 0.00	58.28 3.45 0.00	50.29 2.94 0.00	43.78 2.83 0.00	39.78 2.22 0.00	37.62 2.06 0.00
KIAC_JFK_GT2 23817	39.24 1.36 0.00	37.75 1.38 0.00	35.70 1.21 0.00	35.76 1.28 0.00	37.40 1.40 0.00	42.15 1.58 0.00	54.76 2.00 0.00	67.71 2.73 0.00	57.98 2.87 0.00	45.97 2.60 0.00	40.91 2.42 -0.02	38.19 2.19 -0.74	35.65 2.11 -0.01	34.49 1.98 0.00	34.86 2.01 -1.95	33.57 2.08 -0.43	36.55 2.20 0.00	41.80 2.55 0.00	51.09 2.98 0.00	58.28 3.45 0.00	50.29 2.94 0.00	43.78 2.83 0.00	39.78 2.22 0.00	37.62 2.06 0.00
KIAC_JFK____ 323774	39.28 1.40 0.00	37.75 1.38 0.00	35.67 1.17 0.00	35.80 1.31 0.00	37.40 1.40 0.00	42.23 1.66 0.00	54.76 2.00 0.00	67.71 2.73 0.00	58.09 2.97 0.00	45.97 2.60 0.00	40.98 2.50 -0.02	38.15 2.15 -0.74	35.62 2.08 -0.01	34.49 1.98 0.00	34.86 2.01 -1.95	33.57 2.08 -0.43	36.52 2.17 0.00	41.80 2.55 0.00	51.09 2.98 0.00	58.28 3.46 0.00	50.24 2.89 0.00	43.78 2.82 0.00	39.78 2.22 0.00	37.72 2.17 0.00
KINTIGH____ 23543	36.44 -1.44 0.00	34.58 -1.78 0.00	32.63 -1.86 0.00	32.76 -1.72 0.00	33.84 -2.16 0.00	38.29 -2.27 0.00	48.48 -4.27 0.00	59.39 -5.59 0.00	50.15 -4.96 0.00	40.16 -3.21 0.00	35.58 -2.88 0.00	32.44 -2.82 0.00	30.78 -2.75 0.00	29.87 -2.63 0.00	28.34 -2.57 0.00	28.48 -2.58 0.00	31.23 -3.13 0.00	35.37 -3.89 0.00	42.77 -5.34 0.00	48.62 -6.20 0.01	41.48 -4.88 0.99	36.03 -4.34 0.59	33.99 -3.57 0.00	32.10 -3.45 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	39.13 1.25 0.00	37.82 1.45 0.00	35.91 1.41 0.00	35.97 1.48 0.00	37.47 1.48 0.00	42.23 1.66 0.00	55.28 2.53 0.00	68.62 3.64 0.00	57.76 2.65 0.00	45.45 2.08 0.00	40.34 1.88 0.00	36.89 1.62 0.00	35.04 1.51 0.00	33.93 1.43 0.00	32.20 1.30 0.00	32.39 1.34 0.00	35.86 1.51 0.00	41.06 1.81 0.00	50.13 2.02 0.00	56.86 2.03 0.00	48.77 1.42 0.00	41.98 1.02 0.00	38.35 0.79 0.00	36.09 0.53 0.00
LACHUTE__HYDRO 323717	39.88 2.01 0.00	38.29 1.93 0.00	36.32 1.83 0.00	36.28 1.79 0.00	38.12 2.12 0.00	43.16 2.60 0.00	56.71 3.96 0.00	69.92 4.94 0.00	58.75 3.64 0.00	45.71 2.34 0.00	41.00 2.54 0.00	37.31 2.04 0.00	35.14 1.61 0.00	33.97 1.46 0.00	32.33 1.42 0.00	32.67 1.61 0.00	36.31 1.96 0.00	42.16 2.90 0.00	52.63 4.52 0.00	59.98 5.15 0.00	51.66 4.31 0.00	44.81 3.85 0.00	40.94 3.38 0.00	38.68 3.13 0.00
LAWRNCV_115KV_TB1 80681	38.03 0.15 0.00	36.66 0.29 0.00	34.81 0.31 0.00	34.80 0.31 0.00	36.28 0.29 0.00	40.85 0.28 0.00	53.44 0.69 0.00	66.15 1.17 0.00	55.72 0.61 0.00	43.67 0.30 0.00	38.69 0.23 0.00	35.37 0.11 0.00	33.59 0.07 0.00	32.57 0.07 0.00	30.91 0.00 0.00	31.09 0.03 0.00	34.45 0.10 0.00	39.45 0.20 0.00	48.39 0.29 0.00	55.05 0.22 0.00	47.40 0.05 0.00	40.92 -0.04 0.00	37.37 -0.19 0.00	35.30 -0.25 0.00
LEDERLE____ 23769	39.05 1.17 0.00	37.46 1.09 0.00	35.53 1.03 0.00	35.49 1.00 0.00	37.15 1.15 0.00	41.82 1.26 0.00	54.76 2.00 0.00	67.78 2.79 0.00	57.76 2.65 0.00	45.54 2.17 0.00	40.39 1.92 0.00	36.97 1.69 -0.01	35.14 1.61 0.00	34.06 1.56 0.00	32.50 1.58 -0.02	32.64 1.58 0.00	36.10 1.75 0.00	41.29 2.04 0.00	50.70 2.60 0.00	57.95 3.13 0.00	50.05 2.70 0.00	43.29 2.33 0.00	39.44 1.88 0.00	37.26 1.71 0.00
LIGHTHSE_115KV_TB6 355974	37.20 -0.68 0.00	35.71 -0.65 0.00	33.84 -0.66 0.00	33.83 -0.66 0.00	35.28 -0.72 0.00	39.80 -0.77 0.00	51.49 -1.27 0.00	63.42 -1.56 0.00	53.57 -1.54 0.00	41.94 -1.43 0.00	37.08 -1.38 0.00	33.96 -1.30 0.00	32.25 -1.27 0.00	31.24 -1.27 0.00	29.64 -1.27 0.00	29.85 -1.21 0.00	33.05 -1.31 0.00	37.80 -1.45 0.00	46.37 -1.73 0.00	53.02 -1.81 0.00	45.83 -1.52 0.00	39.56 -1.39 0.00	36.36 -1.20 0.00	34.45 -1.10 0.00
LINDEN COGEN____ 23786	39.20 1.33 0.00	37.60 1.24 0.00	35.57 1.07 0.00	35.62 1.14 0.00	37.22 1.22 0.00	42.02 1.46 0.00	54.91 2.16 0.00	67.84 2.86 0.00	58.20 3.08 0.00	45.84 2.47 0.00	40.83 2.35 -0.02	38.01 2.01 -0.74	35.45 1.91 -0.01	34.35 1.85 0.00	34.74 1.89 -1.95	33.38 1.89 -0.43	36.38 2.03 0.00	41.61 2.35 0.00	51.14 3.03 0.00	58.34 3.51 0.00	50.33 2.98 0.00	43.58 2.62 0.00	39.66 2.10 0.00	37.54 1.99 0.00
LINDHRST_69_KV_BK1 356055	40.08 2.20 0.00	38.26 1.89 0.00	36.22 1.72 0.00	36.14 1.66 0.00	38.01 2.02 0.00	43.24 2.68 0.00	59.78 4.11 -2.92	72.58 5.33 -2.27	59.74 4.63 0.00	46.90 3.51 -0.02	41.70 3.19 -0.04	38.11 2.79 -0.05	36.08 2.55 0.00	34.88 2.37 0.00	33.51 2.47 -0.13	33.60 2.52 -0.03	37.31 2.95 0.00	43.30 3.53 -0.51	57.40 4.57 -4.73	60.09 5.26 0.00	56.77 4.55 -4.88	52.77 3.93 -7.88	40.94 3.12 -0.26	38.29 2.74 0.00
LIPA_MISC_IPP 23656	39.17 1.29 0.00	37.38 1.02 0.00	35.39 0.90 0.00	35.35 0.86 0.00	37.15 1.15 0.00	42.55 1.99 0.00	59.20 3.53 -2.92	71.48 4.22 -2.27	58.75 3.64 0.00	45.94 2.56 -0.01	40.98 2.50 -0.02	37.47 2.15 -0.05	35.51 1.98 0.00	34.36 1.85 0.00	33.17 2.13 -0.13	33.13 2.05 -0.03	36.86 2.51 0.00	42.82 3.06 -0.51	56.63 3.80 -4.73	59.10 4.28 0.00	56.01 3.79 -4.88	52.48 3.65 -7.88	40.58 2.78 -0.24	37.65 2.10 0.00
LISF__SOLAR 323691	39.28 1.40 0.00	37.42 1.06 0.00	35.53 1.03 0.00	35.80 1.31 0.00	37.25 1.26 0.00	43.08 2.52 0.00	59.27 3.59 -2.93	71.62 4.35 -2.28	58.92 3.80 -0.01	45.94 2.56 -0.01	41.30 2.81 -0.03	37.37 2.04 -0.05	35.17 1.64 0.00	34.35 1.85 0.00	33.26 2.23 -0.13	33.17 2.08 -0.03	36.52 2.17 -0.01	42.87 3.10 -0.51	56.69 3.85 -4.73	59.17 4.33 -0.01	56.12 3.88 -4.88	52.57 3.73 -7.89	40.52 2.71 -0.25	37.86 2.31 0.00

LITTLE FALLS___HYD 24013	36.93 -0.95 0.00	35.49 -0.87 0.00	33.70 -0.79 0.00	33.66 -0.83 0.00	35.20 -0.79 0.00	39.71 -0.85 0.00	51.75 -1.00 0.00	63.81 -1.17 0.00	54.12 -0.99 0.00	42.50 -0.87 0.00	37.73 -0.73 0.00	34.60 -0.67 0.00	32.89 -0.64 0.00	31.85 -0.65 0.00	30.29 -0.62 0.00	30.40 -0.65 0.00	33.60 -0.76 0.00	38.31 -0.94 0.00	46.85 -1.25 0.00	53.29 -1.54 0.00	46.02 -1.33 0.00	39.89 -1.06 0.00	36.44 -1.13 0.00	34.49 -1.07 0.00
LITTLRIV_115KV_TB1 356100	38.48 0.61 0.00	37.09 0.73 0.00	35.22 0.72 0.00	35.21 0.72 0.00	36.72 0.72 0.00	41.38 0.81 0.00	54.18 1.42 0.00	67.00 2.01 0.00	56.32 1.21 0.00	44.02 0.65 0.00	38.96 0.50 0.00	35.58 0.32 0.00	33.79 0.27 0.00	32.73 0.23 0.00	31.06 0.15 0.00	31.24 0.19 0.00	34.73 0.38 0.00	39.80 0.55 0.00	48.92 0.82 0.00	55.76 0.93 0.00	48.01 0.66 0.00	41.37 0.41 0.00	37.75 0.19 0.00	35.62 0.07 0.00
LI_NEWBRDGE___DRP 323616	39.43 1.55 0.00	37.71 1.35 0.00	35.70 1.21 0.00	35.66 1.17 0.00	37.44 1.44 0.00	42.43 1.87 0.00	58.62 2.95 -2.92	71.02 3.77 -2.27	58.58 3.47 0.00	46.11 2.73 0.00	41.05 2.58 -0.01	37.54 2.22 -0.05	35.57 2.05 0.00	34.42 1.92 0.00	33.02 1.98 -0.13	33.10 2.02 -0.03	36.69 2.34 0.00	42.54 2.79 -0.50	56.34 3.51 -4.73	58.88 4.06 0.00	55.73 3.50 -4.88	51.91 3.07 -7.88	40.31 2.52 -0.23	37.69 2.13 0.00
LOCKPORT_115KV_TB60_63_64 80432	36.59 -1.29 0.00	34.66 -1.71 0.00	32.70 -1.79 0.00	32.80 -1.69 0.00	33.84 -2.16 0.00	38.33 -2.23 0.00	48.37 -4.38 0.00	59.13 -5.85 0.00	49.88 -5.24 0.00	39.99 -3.38 0.00	35.42 -3.04 0.00	32.23 -3.03 0.00	30.54 -2.98 0.00	29.68 -2.83 0.00	28.09 -2.81 0.00	28.26 -2.80 0.00	30.88 -3.47 0.00	34.93 -4.32 0.00	42.14 -5.97 0.00	47.91 -6.91 0.01	40.17 -5.82 1.36	35.07 -5.08 0.81	33.54 -4.02 0.00	31.71 -3.84 0.00
LOCKPORT___CC1 323769	36.63 -1.25 0.00	34.66 -1.71 0.00	32.91 -1.59 0.00	32.80 -1.69 0.00	33.91 -2.09 0.00	38.13 -2.43 0.00	48.69 -4.06 0.00	59.13 -5.85 0.00	49.55 -5.56 0.00	39.99 -3.38 0.00	34.92 -3.54 0.00	32.27 -3.00 0.00	30.54 -2.98 0.00	29.68 -2.83 0.00	28.03 -2.87 0.00	28.14 -2.92 0.00	30.95 -3.40 0.00	34.93 -4.32 0.00	42.14 -5.97 0.00	47.91 -6.91 0.01	39.98 -5.83 1.55	34.96 -5.08 0.92	33.62 -3.94 0.00	31.82 -3.73 0.00
LOCKPORT___CC2 323770	36.63 -1.25 0.00	34.66 -1.71 0.00	32.91 -1.59 0.00	32.80 -1.69 0.00	33.91 -2.09 0.00	38.13 -2.43 0.00	48.69 -4.06 0.00	59.13 -5.85 0.00	49.55 -5.56 0.00	39.99 -3.38 0.00	34.92 -3.54 0.00	32.27 -3.00 0.00	30.54 -2.98 0.00	29.68 -2.83 0.00	28.03 -2.87 0.00	28.14 -2.92 0.00	30.95 -3.40 0.00	34.93 -4.32 0.00	42.14 -5.97 0.00	47.91 -6.91 0.01	39.98 -5.83 1.55	34.96 -5.08 0.92	33.62 -3.94 0.00	31.82 -3.73 0.00
LOCKPORT___CC3 323771	36.63 -1.25 0.00	34.66 -1.71 0.00	32.91 -1.59 0.00	32.80 -1.69 0.00	33.91 -2.09 0.00	38.13 -2.43 0.00	48.69 -4.06 0.00	59.13 -5.85 0.00	49.55 -5.56 0.00	39.99 -3.38 0.00	34.92 -3.54 0.00	32.27 -3.00 0.00	30.54 -2.98 0.00	29.68 -2.83 0.00	28.03 -2.87 0.00	28.14 -2.92 0.00	30.95 -3.40 0.00	34.93 -4.32 0.00	42.14 -5.97 0.00	47.91 -6.91 0.01	39.98 -5.83 1.55	34.96 -5.08 0.92	33.62 -3.94 0.00	31.82 -3.73 0.00
LONG_LAKE_PHOENIX 24014	36.78 -1.10 0.00	35.27 -1.09 0.00	33.46 -1.03 0.00	33.45 -1.03 0.00	34.84 -1.15 0.00	39.31 -1.26 0.00	50.75 -2.00 0.00	62.51 -2.47 0.00	52.91 -2.20 0.00	41.64 -1.73 0.00	36.88 -1.58 0.00	33.86 -1.41 0.00	32.19 -1.34 0.00	31.20 -1.30 0.00	29.61 -1.30 0.00	29.78 -1.27 0.00	32.91 -1.44 0.00	37.52 -1.73 0.00	45.94 -2.16 0.00	52.47 -2.36 0.00	45.36 -1.99 0.00	39.20 -1.76 0.00	36.17 -1.39 0.00	34.27 -1.28 0.00
LOVETT___3 23632	38.94 1.06 0.00	37.35 0.98 0.00	35.43 0.93 0.00	35.38 0.90 0.00	37.04 1.04 0.00	41.70 1.14 0.00	54.60 1.85 0.00	67.52 2.53 0.00	57.54 2.42 0.00	45.37 2.00 0.00	40.27 1.81 0.00	36.86 1.59 -0.01	35.04 1.51 0.00	33.97 1.46 0.00	32.41 1.48 -0.02	32.55 1.49 0.00	36.00 1.65 0.00	41.14 1.88 0.00	50.56 2.45 0.00	57.73 2.91 0.00	49.86 2.51 0.00	43.17 2.21 0.00	39.33 1.77 0.00	37.15 1.60 0.00
LOVETT___4 23642	38.94 1.06 0.00	37.35 0.98 0.00	35.43 0.93 0.00	35.38 0.90 0.00	37.04 1.04 0.00	41.70 1.14 0.00	54.60 1.85 0.00	67.52 2.53 0.00	57.54 2.42 0.00	45.37 2.00 0.00	40.27 1.81 0.00	36.86 1.59 -0.01	35.04 1.51 0.00	33.97 1.46 0.00	32.41 1.48 -0.02	32.55 1.49 0.00	36.00 1.65 0.00	41.14 1.88 0.00	50.56 2.45 0.00	57.73 2.91 0.00	49.86 2.51 0.00	43.17 2.21 0.00	39.33 1.77 0.00	37.15 1.60 0.00
LOVETT___5 23593	38.94 1.06 0.00	37.35 0.98 0.00	35.43 0.93 0.00	35.38 0.90 0.00	37.04 1.04 0.00	41.70 1.14 0.00	54.60 1.85 0.00	67.52 2.53 0.00	57.54 2.42 0.00	45.37 2.00 0.00	40.27 1.81 0.00	36.86 1.59 -0.01	35.04 1.51 0.00	33.97 1.46 0.00	32.41 1.48 -0.02	32.55 1.49 0.00	36.00 1.65 0.00	41.14 1.88 0.00	50.56 2.45 0.00	57.73 2.91 0.00	49.86 2.51 0.00	43.17 2.21 0.00	39.33 1.77 0.00	37.15 1.60 0.00
LOWER RAQUET___HYD 24057	37.92 0.04 0.00	36.58 0.22 0.00	34.70 0.21 0.00	34.73 0.24 0.00	36.18 0.18 0.00	40.81 0.24 0.00	53.33 0.58 0.00	66.09 1.10 0.00	55.61 0.49 0.00	43.55 0.17 0.00	38.58 0.12 0.00	35.27 0.00 0.00	33.49 -0.03 0.00	32.44 -0.06 0.00	30.81 -0.09 0.00	30.99 -0.06 0.00	34.35 0.00 0.00	39.37 0.12 0.00	48.25 0.14 0.00	54.94 0.11 0.00	47.30 -0.05 0.00	40.79 -0.16 0.00	37.26 -0.30 0.00	35.16 -0.39 0.00
LOWER___HUDSON 24059	38.86 0.98 0.00	37.35 0.98 0.00	35.43 0.93 0.00	35.42 0.93 0.00	37.04 1.04 0.00	41.78 1.22 0.00	54.60 1.85 0.00	67.12 2.14 0.00	56.99 1.87 0.00	44.67 1.30 0.00	39.65 1.19 0.00	36.32 1.06 0.00	34.50 0.97 0.00	33.45 0.94 0.00	31.87 0.96 0.00	32.08 1.02 0.00	35.48 1.13 0.00	40.74 1.49 0.00	50.13 2.02 0.00	57.13 2.30 0.00	49.38 2.03 0.00	42.88 1.93 0.00	39.18 1.61 0.00	37.08 1.53 0.00
LOWVILLE_115KV_TB2 356335	38.37 0.49 0.00	36.91 0.55 0.00	34.98 0.48 0.00	34.93 0.45 0.00	36.50 0.50 0.00	41.21 0.65 0.00	53.86 1.11 0.00	66.48 1.49 0.00	55.99 0.88 0.00	43.54 0.17 0.00	38.42 -0.04 0.00	35.05 -0.21 0.00	33.26 -0.27 0.00	32.21 -0.29 0.00	30.57 -0.34 0.00	30.81 -0.25 0.00	34.21 -0.14 0.00	39.02 -0.24 0.00	47.91 -0.19 0.00	54.61 -0.22 0.00	47.16 -0.19 0.00	40.63 -0.33 0.00	37.00 -0.56 0.00	34.98 -0.57 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	39.13 1.25 0.00	37.56 1.20 0.00	35.63 1.14 0.00	35.62 1.14 0.00	37.29 1.30 0.00	42.07 1.50 0.00	55.02 2.27 0.00	67.71 2.73 0.00	57.32 2.20 0.00	44.89 1.52 0.00	39.88 1.42 0.00	36.47 1.20 0.00	34.57 1.04 0.00	33.51 1.01 0.00	31.90 0.99 0.00	32.11 1.06 0.00	35.62 1.27 0.00	40.98 1.73 0.00	50.61 2.50 0.00	57.73 2.91 0.00	49.86 2.51 0.00	43.25 2.29 0.00	39.52 1.95 0.00	37.37 1.81 0.00

LUTHERNY_35_KV_BK2 355980	39.17 1.29 0.00	37.56 1.20 0.00	35.67 1.17 0.00	35.62 1.14 0.00	37.29 1.30 0.00	42.07 1.50 0.00	55.07 2.32 0.00	67.78 2.79 0.00	57.37 2.26 0.00	44.89 1.52 0.00	39.88 1.42 0.00	36.50 1.23 0.00	34.57 1.04 0.00	33.51 1.01 0.00	31.90 0.99 0.00	32.11 1.06 0.00	35.62 1.27 0.00	40.98 1.73 0.00	50.61 2.50 0.00	57.79 2.96 0.00	49.86 2.51 0.00	43.25 2.29 0.00	39.55 1.99 0.00	37.40 1.85 0.00
LWR___OSWEGATCHIE_HYD 23850	37.88 0.00 0.00	36.47 0.11 0.00	34.60 0.10 0.00	34.59 0.10 0.00	36.10 0.11 0.00	40.69 0.12 0.00	53.23 0.47 0.00	65.83 0.84 0.00	55.39 0.28 0.00	43.20 -0.17 0.00	38.19 -0.27 0.00	34.88 -0.39 0.00	33.09 -0.44 0.00	32.05 -0.46 0.00	30.41 -0.49 0.00	30.62 -0.43 0.00	34.01 -0.34 0.00	38.90 -0.35 0.00	47.77 -0.34 0.00	54.44 -0.38 0.00	46.97 -0.38 0.00	40.47 -0.49 0.00	36.92 -0.64 0.00	34.84 -0.71 0.00
LYONS_FALL_HYD 23570	38.45 0.57 0.00	36.94 0.58 0.00	35.01 0.52 0.00	35.00 0.52 0.00	36.57 0.57 0.00	41.25 0.69 0.00	53.86 1.11 0.00	66.48 1.50 0.00	56.16 1.04 0.00	43.72 0.35 0.00	38.61 0.15 0.00	35.27 0.00 0.00	33.49 -0.03 0.00	32.44 -0.06 0.00	30.78 -0.12 0.00	30.99 -0.06 0.00	34.42 0.07 0.00	39.33 0.08 0.00	48.30 0.19 0.00	55.10 0.28 0.00	47.54 0.19 0.00	41.00 0.04 0.00	37.38 -0.19 0.00	35.34 -0.21 0.00
MADISON___COUNTY_LFGE 323628	38.64 0.76 0.00	37.09 0.73 0.00	35.15 0.66 0.00	35.14 0.66 0.00	36.68 0.68 0.00	41.38 0.81 0.00	53.91 1.16 0.00	66.48 1.49 0.00	56.21 1.10 0.00	43.93 0.56 0.00	38.81 0.35 0.00	35.48 0.21 0.00	33.69 0.17 0.00	32.63 0.13 0.00	30.97 0.06 0.00	31.18 0.12 0.00	34.56 0.21 0.00	39.60 0.35 0.00	48.68 0.58 0.00	55.60 0.77 0.00	48.01 0.66 0.00	41.41 0.45 0.00	37.90 0.34 0.00	35.84 0.28 0.00
MALONE___115KV_TB1 356076	38.64 0.76 0.00	37.27 0.91 0.00	35.43 0.93 0.00	35.45 0.97 0.00	36.93 0.94 0.00	41.62 1.05 0.00	54.49 1.74 0.00	67.58 2.60 0.00	56.88 1.76 0.00	44.67 1.30 0.00	39.61 1.15 0.00	36.22 0.95 0.00	34.40 0.87 0.00	33.35 0.85 0.00	31.62 0.71 0.00	31.80 0.75 0.00	35.24 0.89 0.00	40.35 1.10 0.00	49.36 1.25 0.00	56.14 1.32 0.00	48.25 0.90 0.00	41.57 0.61 0.00	37.98 0.41 0.00	35.77 0.21 0.00
MAPLEWOD_115KV_TB3 80458	39.01 1.14 0.00	37.42 1.05 0.00	35.53 1.03 0.00	35.49 1.00 0.00	37.15 1.15 0.00	41.86 1.30 0.00	54.70 1.95 0.00	67.19 2.21 0.00	57.04 1.93 0.00	44.80 1.43 0.00	39.65 1.19 0.00	36.39 1.13 0.00	34.57 1.04 0.00	33.54 1.04 0.00	31.93 1.02 0.00	32.11 1.06 0.00	35.55 1.20 0.00	40.74 1.49 0.00	50.13 2.02 0.00	57.08 2.25 0.00	49.39 2.04 0.00	42.84 1.88 0.00	39.14 1.58 0.00	37.01 1.46 0.00
MAPLE RIDGE_WT_1 323574	37.27 -0.61 0.00	35.82 -0.54 0.00	33.98 -0.52 0.00	33.97 -0.52 0.00	35.53 -0.47 0.00	40.12 -0.45 0.00	52.28 -0.48 0.00	64.53 -0.45 0.00	54.78 -0.33 0.00	43.20 -0.17 0.00	38.42 -0.04 0.00	35.27 0.00 0.00	33.53 0.00 0.00	32.47 -0.03 0.00	30.84 -0.06 0.00	30.96 -0.09 0.00	34.25 -0.10 0.00	39.02 -0.23 0.00	47.58 -0.53 0.00	53.84 -0.99 0.00	46.26 -1.09 0.00	39.89 -1.07 0.00	36.47 -1.09 0.00	34.49 -1.07 0.00
MAPLE RIDGE_WT_2 323611	37.27 -0.61 0.00	35.82 -0.54 0.00	33.98 -0.52 0.00	33.97 -0.52 0.00	35.53 -0.47 0.00	40.12 -0.45 0.00	52.28 -0.48 0.00	64.53 -0.45 0.00	54.78 -0.33 0.00	43.20 -0.17 0.00	38.42 -0.04 0.00	35.27 0.00 0.00	33.53 0.00 0.00	32.47 -0.03 0.00	30.84 -0.06 0.00	30.96 -0.09 0.00	34.25 -0.10 0.00	39.02 -0.23 0.00	47.58 -0.53 0.00	53.84 -0.99 0.00	46.26 -1.09 0.00	39.89 -1.07 0.00	36.47 -1.09 0.00	34.49 -1.07 0.00
MARBLE_RIVER_WT_PWR 323696	38.83 0.95 0.00	37.56 1.20 0.00	35.70 1.21 0.00	35.80 1.31 0.00	37.29 1.29 0.00	42.02 1.46 0.00	54.97 2.22 0.00	68.17 3.18 0.00	57.53 2.42 0.00	45.32 1.95 0.00	40.27 1.81 0.00	36.85 1.59 0.00	35.00 1.47 0.00	33.93 1.43 0.00	32.20 1.30 0.00	32.36 1.30 0.00	35.79 1.44 0.00	40.90 1.65 0.00	49.93 1.83 0.00	56.53 1.70 0.00	48.39 1.04 0.00	41.61 0.65 0.00	37.94 0.38 0.00	35.70 0.14 0.00
MARSHVLE_115KV_TB1 80742	40.53 2.65 0.00	38.84 2.47 0.00	36.81 2.31 0.00	36.80 2.31 0.00	38.59 2.59 0.00	43.53 2.96 0.00	56.97 4.22 0.00	70.25 5.26 0.00	59.25 4.13 0.00	45.63 2.26 0.00	39.84 1.38 0.00	36.36 1.09 0.00	34.40 0.87 0.00	33.51 1.01 0.00	31.86 0.96 0.00	32.02 0.96 0.00	35.66 1.31 0.00	41.37 2.12 0.00	51.67 3.56 0.00	59.21 4.39 0.00	51.04 3.69 0.00	44.19 3.24 0.00	40.45 2.89 0.00	38.15 2.60 0.00
MARSH_HILL_WT_PWR 323713	38.18 0.30 0.00	36.33 -0.04 0.00	34.46 -0.03 0.00	34.35 -0.14 0.00	35.64 -0.36 0.00	40.16 -0.41 0.00	51.96 -0.79 0.00	63.49 -1.49 0.00	53.02 -2.09 0.00	41.90 -1.47 0.00	36.65 -1.81 0.00	33.64 -1.62 0.00	31.88 -1.64 0.00	30.85 -1.66 0.00	29.11 -1.79 0.00	29.19 -1.86 0.00	32.22 -2.13 0.00	36.74 -2.51 0.00	44.98 -3.13 0.00	51.25 -3.62 -0.04	46.15 -3.45 -2.25	38.96 -3.36 -1.36	34.90 -2.67 0.00	33.03 -2.52 0.00
MCINTYRE_115KV_TB2 80467	38.83 0.95 0.00	37.46 1.09 0.00	35.53 1.03 0.00	35.52 1.03 0.00	37.04 1.04 0.00	41.74 1.18 0.00	54.65 1.90 0.00	67.52 2.53 0.00	56.66 1.54 0.00	44.28 0.91 0.00	39.19 0.73 0.00	35.80 0.53 0.00	34.00 0.47 0.00	32.93 0.42 0.00	31.28 0.37 0.00	31.46 0.40 0.00	34.97 0.62 0.00	40.12 0.86 0.00	49.36 1.25 0.00	56.25 1.43 0.00	48.44 1.09 0.00	41.78 0.82 0.00	38.13 0.56 0.00	35.98 0.43 0.00
MECO_____69_KV_BK1 80468	40.72 2.84 0.00	38.98 2.62 0.00	36.98 2.48 0.00	36.97 2.48 0.00	38.77 2.77 0.00	43.81 3.25 0.00	57.39 4.64 0.00	70.77 5.78 0.00	59.58 4.46 0.00	46.02 2.65 0.00	40.31 1.85 0.00	36.75 1.48 0.00	34.73 1.21 0.00	33.77 1.27 0.00	32.14 1.24 0.00	32.36 1.30 0.00	36.03 1.68 0.00	41.76 2.51 0.00	52.05 3.94 0.00	59.65 4.82 0.00	51.37 4.02 0.00	44.52 3.56 0.00	40.72 3.16 0.00	38.36 2.81 0.00
MENANDS___115KV_TB5 355628	38.94 1.06 0.00	37.38 1.02 0.00	35.46 0.97 0.00	35.45 0.97 0.00	37.08 1.08 0.00	41.78 1.22 0.00	54.60 1.85 0.00	67.06 2.08 0.00	56.99 1.87 0.00	44.76 1.39 0.00	39.65 1.19 0.00	36.39 1.13 0.00	34.57 1.04 0.00	33.51 1.01 0.00	31.93 1.02 0.00	32.11 1.06 0.00	35.52 1.17 0.00	40.70 1.45 0.00	50.03 1.92 0.00	56.97 2.14 0.00	49.29 1.94 0.00	42.76 1.80 0.00	39.10 1.54 0.00	36.98 1.42 0.00
MG INDUSTRY___DRP 24185	38.94 1.06 0.00	37.35 0.98 0.00	35.46 0.97 0.00	35.45 0.97 0.00	37.08 1.08 0.00	41.74 1.18 0.00	54.54 1.79 0.00	66.93 1.95 0.00	56.71 1.60 0.00	44.41 1.04 0.00	39.31 0.85 0.00	36.01 0.74 0.00	34.23 0.70 0.00	33.19 0.68 0.00	31.62 0.71 0.00	31.80 0.75 0.00	35.24 0.89 0.00	40.43 1.18 0.00	49.79 1.68 0.00	56.80 1.97 0.00	49.10 1.75 0.00	42.55 1.60 0.00	38.95 1.39 0.00	36.83 1.28 0.00

MID___OSWEGATCHIE_HYD 23849	37.88 0.00 0.00	36.47 0.11 0.00	34.60 0.10 0.00	34.59 0.10 0.00	36.10 0.11 0.00	40.69 0.12 0.00	53.23 0.47 0.00	65.83 0.84 0.00	55.39 0.28 0.00	43.20 -0.17 0.00	38.19 -0.27 0.00	34.88 -0.39 0.00	33.09 -0.44 0.00	32.05 -0.46 0.00	30.41 -0.49 0.00	30.62 -0.43 0.00	34.01 -0.34 0.00	38.90 -0.35 0.00	47.77 -0.34 0.00	54.44 -0.38 0.00	46.97 -0.38 0.00	40.47 -0.49 0.00	36.92 -0.64 0.00	34.84 -0.71 0.00
MID___RAQUETTE_HYD 23851	37.92 0.04 0.00	36.58 0.22 0.00	34.74 0.24 0.00	34.73 0.24 0.00	36.18 0.18 0.00	40.77 0.20 0.00	53.33 0.58 0.00	66.09 1.10 0.00	55.61 0.50 0.00	43.54 0.17 0.00	38.58 0.12 0.00	35.27 0.00 0.00	33.49 -0.03 0.00	32.44 -0.07 0.00	30.81 -0.09 0.00	30.96 -0.09 0.00	34.35 0.00 0.00	39.37 0.12 0.00	48.25 0.14 0.00	54.94 0.11 0.00	47.30 -0.05 0.00	40.79 -0.16 0.00	37.26 -0.30 0.00	35.16 -0.39 0.00
MILLIKEN___1 23584	38.26 0.38 0.00	36.66 0.29 0.00	34.74 0.24 0.00	34.73 0.24 0.00	36.18 0.18 0.00	40.85 0.28 0.00	52.96 0.21 0.00	65.31 0.32 0.00	55.11 0.00 0.00	43.28 -0.09 0.00	38.19 -0.27 0.00	34.91 -0.35 0.00	33.16 -0.37 0.00	32.08 -0.42 0.00	30.47 -0.43 0.00	30.65 -0.40 0.00	33.90 -0.45 0.00	38.82 -0.43 0.00	47.67 -0.43 0.00	54.50 -0.33 0.00	48.94 -0.33 -1.92	41.63 -0.45 -1.13	37.30 -0.26 0.00	35.30 -0.25 0.00
MILLIKEN___2 23585	38.26 0.38 0.00	36.66 0.29 0.00	34.74 0.24 0.00	34.73 0.24 0.00	36.18 0.18 0.00	40.85 0.28 0.00	52.96 0.21 0.00	65.31 0.32 0.00	55.11 0.00 0.00	43.28 -0.09 0.00	38.19 -0.27 0.00	34.91 -0.35 0.00	33.16 -0.37 0.00	32.08 -0.42 0.00	30.47 -0.43 0.00	30.65 -0.40 0.00	33.90 -0.45 0.00	38.82 -0.43 0.00	47.67 -0.43 0.00	54.50 -0.33 0.00	48.94 -0.33 -1.92	41.63 -0.45 -1.13	37.30 -0.26 0.00	35.30 -0.25 0.00
MILLIKEN___DIESEL 23629	38.26 0.38 0.00	36.66 0.29 0.00	34.74 0.24 0.00	34.73 0.24 0.00	36.18 0.18 0.00	40.85 0.28 0.00	52.96 0.21 0.00	65.31 0.32 0.00	55.11 0.00 0.00	43.28 -0.09 0.00	38.19 -0.27 0.00	34.91 -0.35 0.00	33.16 -0.37 0.00	32.08 -0.42 0.00	30.47 -0.43 0.00	30.65 -0.40 0.00	33.90 -0.45 0.00	38.82 -0.43 0.00	47.67 -0.43 0.00	54.50 -0.33 0.00	48.94 -0.33 -1.92	41.63 -0.45 -1.13	37.30 -0.26 0.00	35.30 -0.25 0.00
MILLSEAT___LFGE 323607	37.35 -0.53 0.00	35.46 -0.91 0.00	33.60 -0.90 0.00	33.52 -0.97 0.00	34.70 -1.29 0.00	39.11 -1.46 0.00	50.17 -2.58 0.00	61.21 -3.77 0.00	51.20 -3.91 0.00	41.16 -2.21 0.00	35.84 -2.62 0.00	32.97 -2.29 0.00	31.21 -2.31 0.00	30.29 -2.32 0.00	28.59 -2.32 0.00	28.76 -2.30 0.00	31.67 -2.68 0.00	35.95 -3.30 0.00	43.44 -4.67 0.01	49.66 -5.16 0.00	41.89 -4.31 1.16	36.34 -3.93 0.68	34.56 -3.01 0.00	32.67 -2.88 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	39.09 1.21 0.00	37.53 1.16 0.00	35.56 1.07 0.00	35.52 1.03 0.00	37.18 1.19 0.00	41.90 1.34 0.00	54.81 2.06 0.00	67.71 2.73 0.00	57.76 2.65 0.00	45.54 2.17 0.00	40.43 1.96 0.00	37.03 1.73 -0.03	35.17 1.64 0.00	34.10 1.59 0.00	32.59 1.61 -0.08	32.69 1.61 -0.02	36.14 1.79 0.00	41.33 2.08 0.00	50.80 2.69 0.00	58.01 3.18 0.00	50.10 2.75 0.00	43.37 2.42 0.00	39.48 1.92 0.00	37.33 1.78 0.00
MILLWOOD_13_KV_LOAD 356217	39.17 1.29 0.00	37.60 1.24 0.00	35.63 1.14 0.00	35.62 1.14 0.00	37.29 1.30 0.00	42.03 1.46 0.00	54.97 2.22 0.00	67.91 2.92 0.00	57.92 2.81 0.00	45.67 2.30 0.00	40.50 2.04 -0.03	37.10 1.80 0.00	35.24 1.71 0.00	34.16 1.66 0.00	32.62 1.64 -0.08	32.75 1.68 -0.02	36.21 1.85 0.00	41.41 2.16 0.00	50.94 2.84 0.00	58.12 3.29 0.00	50.19 2.84 0.00	43.45 2.50 0.00	39.55 1.99 0.00	37.40 1.85 0.00
MODEL_CITY_ENERGY 24167	36.25 -1.63 0.00	34.29 -2.07 0.00	32.56 -1.93 0.00	32.49 -2.00 0.00	33.55 -2.45 0.00	37.73 -2.84 0.00	48.16 -4.59 0.00	58.35 -6.63 0.00	48.94 -6.17 0.00	39.55 -3.82 0.00	34.58 -3.88 0.00	31.95 -3.32 0.00	30.24 -3.28 0.00	29.38 -3.12 0.00	27.75 -3.15 0.00	27.89 -3.17 0.00	30.68 -3.68 0.00	34.58 -4.67 0.00	41.66 -6.44 0.00	47.36 -7.46 0.01	39.77 -6.25 1.33	34.76 -5.41 0.79	33.32 -4.24 0.00	31.54 -4.02 0.00
MODERN_LFGE___ 323580	36.25 -1.63 0.00	34.29 -2.07 0.00	32.56 -1.93 0.00	32.49 -2.00 0.00	33.55 -2.45 0.00	37.73 -2.84 0.00	48.16 -4.59 0.00	58.35 -6.63 0.00	48.94 -6.17 0.00	39.55 -3.82 0.00	34.58 -3.88 0.00	31.95 -3.32 0.00	30.24 -3.28 0.00	29.38 -3.12 0.00	27.75 -3.15 0.00	27.89 -3.17 0.00	30.68 -3.68 0.00	34.58 -4.67 0.00	41.66 -6.44 0.00	47.36 -7.46 0.01	39.77 -6.25 1.33	34.76 -5.41 0.79	33.32 -4.24 0.00	31.54 -4.02 0.00
MOHAWK_PAPER___DRP 24187	39.01 1.14 0.00	37.42 1.05 0.00	35.53 1.03 0.00	35.49 1.00 0.00	37.15 1.15 0.00	41.86 1.30 0.00	54.70 1.95 0.00	67.19 2.21 0.00	57.04 1.93 0.00	44.80 1.43 0.00	39.65 1.19 0.00	36.39 1.13 0.00	34.57 1.04 0.00	33.54 1.04 0.00	31.93 1.02 0.00	32.11 1.06 0.00	35.55 1.20 0.00	40.74 1.49 0.00	50.13 2.02 0.00	57.08 2.25 0.00	49.39 2.04 0.00	42.84 1.88 0.00	39.14 1.58 0.00	37.01 1.46 0.00
MOHICAN___35_KV_115KV_LD 80490	39.05 1.17 0.00	37.49 1.13 0.00	35.56 1.07 0.00	35.56 1.07 0.00	37.26 1.26 0.00	42.11 1.54 0.00	55.18 2.43 0.00	68.04 3.05 0.00	57.43 2.31 0.00	44.85 1.47 0.00	40.27 1.81 0.00	36.75 1.48 0.00	34.73 1.21 0.00	33.61 1.11 0.00	31.99 1.08 0.00	32.27 1.21 0.00	35.83 1.48 0.00	41.37 2.12 0.00	51.33 3.22 0.00	58.39 3.56 0.00	50.33 2.98 0.00	43.66 2.70 0.00	39.89 2.33 0.00	37.72 2.17 0.00
MONGAUP___HYD 23641	39.05 1.18 0.00	37.45 1.09 0.00	35.50 1.00 0.00	35.49 1.00 0.00	37.15 1.15 0.00	41.95 1.38 0.00	54.49 1.74 0.00	66.87 1.89 0.00	56.71 1.60 0.00	44.80 1.43 0.00	39.92 1.46 0.00	36.47 1.20 0.00	34.63 1.10 0.00	33.61 1.11 0.00	32.06 1.14 -0.01	32.24 1.18 0.00	35.73 1.38 0.00	40.78 1.53 0.00	50.08 1.97 0.00	57.46 2.63 0.00	49.58 2.23 0.00	42.80 1.84 0.00	39.21 1.65 0.00	37.19 1.64 0.00
MONTAUK___DIESEL 23721	39.43 1.55 0.00	37.67 1.31 0.00	35.63 1.14 0.00	35.38 0.90 0.00	37.11 1.12 0.00	42.59 2.03 0.00	59.42 3.75 -2.92	71.93 4.68 -2.27	59.30 4.19 0.00	46.33 2.95 -0.01	41.29 2.81 -0.02	37.75 2.43 -0.05	35.84 2.31 0.00	34.78 2.28 0.00	33.73 2.69 -0.13	33.79 2.70 -0.03	37.61 3.26 0.00	43.76 4.00 -0.51	57.84 5.00 -4.73	60.42 5.59 0.00	57.15 4.92 -4.88	53.50 4.67 -7.88	41.60 3.79 -0.24	38.58 3.02 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	39.01 1.14 0.00	36.98 0.62 0.00	34.81 0.31 0.00	34.66 0.17 0.00	35.60 -0.40 0.00	40.20 -0.37 0.00	51.27 -1.48 0.00	62.90 -2.08 0.00	52.63 -2.48 0.00	42.29 -1.08 0.00	37.50 -0.96 0.00	34.21 -1.06 0.00	32.39 -1.14 0.00	31.37 -1.14 0.00	29.61 -1.30 0.00	29.60 -1.46 0.00	32.29 -2.06 0.00	36.35 -2.90 0.00	43.54 -4.57 0.00	49.23 -5.59 0.00	40.50 -5.92 0.94	35.25 -5.16 0.55	33.66 -3.91 0.00	31.93 -3.63 0.00

MORRIS RIDGE___SOLAR 323848	37.50 -0.38 0.00	35.64 -0.73 0.00	33.81 -0.69 0.00	33.73 -0.76 0.00	34.95 -1.05 0.00	39.35 -1.22 0.00	50.69 -2.06 0.00	61.87 -3.12 0.00	51.58 -3.53 0.00	40.81 -2.56 0.00	35.73 -2.73 0.00	32.87 -2.40 0.00	31.18 -2.35 0.00	30.20 -2.31 0.00	28.53 -2.38 0.00	28.57 -2.49 0.00	31.54 -2.82 0.00	35.88 -3.38 0.00	43.92 -4.19 0.00	49.86 -4.88 0.09	34.51 -4.50 8.34	31.90 -4.10 4.96	34.26 -3.31 0.00	32.46 -3.09 0.00
MORTIMER_115KV_TB3 55949	36.97 -0.91 0.00	35.24 -1.13 0.00	33.29 -1.21 0.00	33.35 -1.14 0.00	34.59 -1.40 0.00	39.11 -1.46 0.00	50.01 -2.74 0.00	61.47 -3.51 0.00	51.92 -3.20 0.00	41.29 -2.08 0.00	36.50 -1.96 0.00	33.26 -2.01 0.00	31.58 -1.94 0.00	30.62 -1.89 0.00	29.02 -1.89 0.00	29.22 -1.83 0.00	32.08 -2.27 0.00	36.58 -2.67 0.00	44.40 -3.70 0.00	50.72 -4.11 0.00	43.85 -3.17 0.33	37.78 -2.99 0.19	35.12 -2.44 0.00	33.17 -2.38 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	39.43 1.55 0.00	37.86 1.49 0.00	35.84 1.35 0.00	35.83 1.34 0.00	37.51 1.51 0.00	42.27 1.70 0.00	55.28 2.53 0.00	68.30 3.31 0.00	58.42 3.31 0.00	46.10 2.73 0.00	40.95 2.46 -0.03	38.47 2.19 -1.02	35.62 2.08 -0.02	34.52 2.02 0.00	35.62 2.01 -2.71	33.70 2.05 -0.60	36.58 2.23 0.00	41.84 2.59 0.00	51.42 3.32 0.00	58.61 3.78 0.00	50.57 3.22 0.00	43.82 2.87 0.00	39.89 2.33 0.00	37.69 2.13 0.00
MUNSVILLE_WIND_PWR 323609	40.19 2.31 0.00	38.62 2.26 0.00	36.56 2.07 0.00	36.59 2.10 0.00	38.23 2.23 0.00	43.20 2.64 0.00	56.65 3.90 0.00	70.06 5.07 0.00	58.75 3.64 0.00	45.41 2.04 0.00	39.73 1.27 0.00	36.08 0.81 0.00	34.16 0.64 0.00	32.99 0.49 0.00	31.22 0.31 0.00	31.49 0.43 0.00	35.11 0.75 0.00	40.51 1.26 0.00	50.17 2.07 0.00	57.41 2.58 0.00	50.32 1.94 -1.03	42.87 1.31 -0.60	38.50 0.94 0.00	36.41 0.85 0.00
N SALMON___HYD 24042	38.64 0.76 0.00	37.27 0.91 0.00	35.43 0.93 0.00	35.45 0.96 0.00	36.93 0.93 0.00	41.62 1.05 0.00	54.49 1.74 0.00	67.59 2.60 0.00	56.88 1.76 0.00	44.67 1.30 0.00	39.61 1.15 0.00	36.22 0.95 0.00	34.40 0.87 0.00	33.35 0.84 0.00	31.62 0.71 0.00	31.80 0.74 0.00	35.24 0.89 0.00	40.35 1.10 0.00	49.35 1.25 0.00	56.14 1.31 0.00	48.25 0.90 0.00	41.57 0.62 0.00	37.98 0.41 0.00	35.80 0.25 0.00
N.AKRON__115KV_KNAPP 355671	37.23 -0.64 0.00	35.35 -1.02 0.00	33.32 -1.17 0.00	33.45 -1.03 0.00	34.56 -1.44 0.00	39.15 -1.42 0.00	49.64 -3.11 0.00	60.89 -4.09 0.00	51.31 -3.80 0.00	40.99 -2.39 0.00	36.19 -2.27 0.00	32.87 -2.40 0.00	31.15 -2.38 0.00	30.23 -2.28 0.00	28.59 -2.32 0.00	28.79 -2.27 0.00	31.50 -2.85 0.00	35.80 -3.45 0.00	43.25 -4.86 0.00	49.39 -5.43 0.01	41.58 -4.55 1.22	36.14 -4.10 0.72	34.37 -3.19 0.00	32.42 -3.13 0.00
N.BELMOR_69_KV_BK1 55787	39.77 1.89 0.00	38.00 1.64 0.00	35.98 1.48 0.00	35.93 1.45 0.00	37.72 1.73 0.00	42.80 2.23 0.00	59.10 3.43 -2.92	71.74 4.48 -2.27	59.08 3.97 0.00	46.52 3.12 -0.03	41.43 2.88 -0.08	37.82 2.50 -0.05	35.84 2.31 0.00	34.68 2.18 0.00	33.26 2.23 -0.13	33.35 2.27 -0.03	37.00 2.65 0.00	42.92 3.14 -0.53	56.82 3.99 -4.73	59.49 4.66 0.00	56.20 3.98 -4.88	52.32 3.48 -7.88	40.72 2.85 -0.30	38.01 2.45 0.00
N.E_GEN_SANDY PD 24062	38.83 0.95 0.00	37.35 0.98 0.00	35.39 0.90 0.00	35.42 0.93 0.00	37.00 1.01 0.00	41.70 1.13 0.00	54.55 1.79 0.00	67.00 2.02 0.00	57.04 1.93 0.00	44.80 1.43 0.00	39.81 1.35 0.00	36.50 1.23 0.00	34.70 1.17 0.00	33.67 1.17 0.00	32.08 1.17 0.00	32.30 1.24 0.00	35.69 1.34 0.00	40.90 1.65 0.00	50.22 2.11 0.00	57.18 2.36 0.00	49.53 2.18 0.00	43.00 2.05 0.00	39.21 1.65 0.00	37.19 1.64 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	38.98 1.10 0.00	37.38 1.02 0.00	35.46 0.97 0.00	35.42 0.93 0.00	37.04 1.04 0.00	41.74 1.18 0.00	54.60 1.85 0.00	67.58 2.60 0.00	57.59 2.48 0.00	45.41 2.04 0.00	40.27 1.81 0.00	36.90 1.62 -0.01	35.04 1.51 0.00	34.00 1.50 0.00	32.44 1.51 -0.02	32.58 1.52 0.00	36.03 1.68 0.00	41.18 1.92 0.00	50.56 2.45 0.00	57.79 2.96 0.00	49.91 2.56 0.00	43.21 2.25 0.00	39.33 1.77 0.00	37.19 1.64 0.00
N.QUEENS_27_KV_LOAD 356247	39.52 1.63 -0.01	38.01 1.64 -0.01	35.99 1.48 -0.01	35.91 1.41 -0.01	37.62 1.62 -0.01	42.28 1.70 -0.01	55.13 2.37 0.00	68.04 3.05 0.00	58.36 3.25 0.00	46.32 2.95 0.00	41.21 2.73 -0.01	38.48 2.47 -0.74	35.88 2.35 -0.01	34.77 2.28 0.01	35.12 2.26 -1.95	33.79 2.30 -0.44	36.78 2.44 0.01	42.07 2.83 0.01	51.52 3.42 0.00	58.67 3.84 0.00	50.66 3.31 0.00	43.86 2.91 0.00	39.94 2.37 -0.01	37.77 2.20 -0.01
N.TROY___115KV_TB1 355778	38.90 1.02 0.00	37.35 0.98 0.00	35.46 0.97 0.00	35.42 0.93 0.00	37.08 1.08 0.00	41.78 1.22 0.00	54.65 1.90 0.00	67.13 2.14 0.00	56.93 1.82 0.00	44.67 1.30 0.00	39.61 1.15 0.00	36.32 1.06 0.00	34.50 0.97 0.00	33.45 0.94 0.00	31.86 0.96 0.00	32.05 0.99 0.00	35.52 1.17 0.00	40.74 1.49 0.00	50.13 2.02 0.00	57.13 2.30 0.00	49.39 2.04 0.00	42.88 1.92 0.00	39.18 1.62 0.00	37.05 1.49 0.00
NARROWS_GT1_1 24228	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.69 1.83 -18.38	55.40 1.98 -17.43	55.46 2.27 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.72 4.02 -2.59	58.23 3.25 -11.61	58.49 3.00 -17.02	60.46 2.54 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.53 2.36 -29.12	62.30 2.58 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.27 3.32 -16.00	58.04 2.78 -17.70	55.40 2.67 -17.18
NARROWS_GT1_2 24229	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.69 1.83 -18.38	55.40 1.98 -17.43	55.46 2.27 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.72 4.02 -2.59	58.23 3.25 -11.61	58.49 3.00 -17.02	60.46 2.54 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.53 2.36 -29.12	62.30 2.58 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.27 3.32 -16.00	58.04 2.78 -17.70	55.40 2.67 -17.18
NARROWS_GT1_3 24230	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.69 1.83 -18.38	55.40 1.98 -17.43	55.46 2.27 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.72 4.02 -2.59	58.23 3.25 -11.61	58.49 3.00 -17.02	60.46 2.54 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.53 2.36 -29.12	62.30 2.58 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.27 3.32 -16.00	58.04 2.78 -17.70	55.40 2.67 -17.18
NARROWS_GT1_4 24231	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.69 1.83 -18.38	55.40 1.98 -17.43	55.46 2.27 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.72 4.02 -2.59	58.23 3.25 -11.61	58.49 3.00 -17.02	60.46 2.54 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.53 2.36 -29.12	62.30 2.58 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.27 3.32 -16.00	58.04 2.78 -17.70	55.40 2.67 -17.18

NARROWS_GT1_5 24232	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.69 1.83 -18.38	55.40 1.98 -17.43	55.46 2.27 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.72 4.02 -2.59	58.23 3.25 -11.61	58.49 3.00 -17.02	60.46 2.54 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.53 2.36 -29.12	62.30 2.58 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.27 3.32 -16.00	58.04 2.78 -17.70	55.40 2.67 -17.18
NARROWS_GT1_6 24233	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.69 1.83 -18.38	55.40 1.98 -17.43	55.46 2.27 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.72 4.02 -2.59	58.23 3.25 -11.61	58.49 3.00 -17.02	60.46 2.54 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.53 2.36 -29.12	62.30 2.58 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.27 3.32 -16.00	58.04 2.78 -17.70	55.40 2.67 -17.18
NARROWS_GT1_7 24234	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.69 1.83 -18.38	55.40 1.98 -17.43	55.46 2.27 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.72 4.02 -2.59	58.23 3.25 -11.61	58.49 3.00 -17.02	60.46 2.54 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.53 2.36 -29.12	62.30 2.58 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.27 3.32 -16.00	58.04 2.78 -17.70	55.40 2.67 -17.18
NARROWS_GT1_8 24235	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.69 1.83 -18.38	55.40 1.98 -17.43	55.46 2.27 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.72 4.02 -2.59	58.23 3.25 -11.61	58.49 3.00 -17.02	60.46 2.54 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.53 2.36 -29.12	62.30 2.58 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.27 3.32 -16.00	58.04 2.78 -17.70	55.40 2.67 -17.18
NARROWS_GT2_1 24236	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.69 1.83 -18.38	55.40 1.98 -17.43	55.46 2.27 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.72 4.02 -2.59	58.23 3.25 -11.61	58.49 3.00 -17.02	60.46 2.54 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.53 2.36 -29.12	62.30 2.58 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.27 3.32 -16.00	58.04 2.78 -17.70	55.40 2.67 -17.18
NARROWS_GT2_2 24237	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.69 1.83 -18.38	55.40 1.98 -17.43	55.46 2.27 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.72 4.02 -2.59	58.23 3.25 -11.61	58.49 3.00 -17.02	60.46 2.54 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.53 2.36 -29.12	62.30 2.58 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.27 3.32 -16.00	58.04 2.78 -17.70	55.40 2.67 -17.18
NARROWS_GT2_3 24238	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.69 1.83 -18.38	55.40 1.98 -17.43	55.46 2.27 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.72 4.02 -2.59	58.23 3.25 -11.61	58.49 3.00 -17.02	60.46 2.54 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.53 2.36 -29.12	62.30 2.58 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.27 3.32 -16.00	58.04 2.78 -17.70	55.40 2.67 -17.18
NARROWS_GT2_4 24239	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.69 1.83 -18.38	55.40 1.98 -17.43	55.46 2.27 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.72 4.02 -2.59	58.23 3.25 -11.61	58.49 3.00 -17.02	60.46 2.54 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.53 2.36 -29.12	62.30 2.58 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.27 3.32 -16.00	58.04 2.78 -17.70	55.40 2.67 -17.18
NARROWS_GT2_5 24240	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.69 1.83 -18.38	55.40 1.98 -17.43	55.46 2.27 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.72 4.02 -2.59	58.23 3.25 -11.61	58.49 3.00 -17.02	60.46 2.54 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.53 2.36 -29.12	62.30 2.58 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.27 3.32 -16.00	58.04 2.78 -17.70	55.40 2.67 -17.18
NARROWS_GT2_6 24241	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.69 1.83 -18.38	55.40 1.98 -17.43	55.46 2.27 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.72 4.02 -2.59	58.23 3.25 -11.61	58.49 3.00 -17.02	60.46 2.54 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.53 2.36 -29.12	62.30 2.58 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.27 3.32 -16.00	58.04 2.78 -17.70	55.40 2.67 -17.18
NARROWS_GT2_7 24242	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.69 1.83 -18.38	55.40 1.98 -17.43	55.46 2.27 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.72 4.02 -2.59	58.23 3.25 -11.61	58.49 3.00 -17.02	60.46 2.54 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.53 2.36 -29.12	62.30 2.58 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.27 3.32 -16.00	58.04 2.78 -17.70	55.40 2.67 -17.18
NARROWS_GT2_8 24243	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.69 1.83 -18.38	55.40 1.98 -17.43	55.46 2.27 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.72 4.02 -2.59	58.23 3.25 -11.61	58.49 3.00 -17.02	60.46 2.54 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.53 2.36 -29.12	62.30 2.58 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.27 3.32 -16.00	58.04 2.78 -17.70	55.40 2.67 -17.18
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	39.66 1.78 0.00	38.04 1.67 0.00	36.12 1.62 0.00	36.07 1.59 0.00	37.80 1.80 0.00	42.68 2.11 0.00	56.71 3.96 0.00	69.73 4.74 0.00	58.53 3.42 0.00	45.50 2.13 0.00	39.96 1.50 0.00	36.57 1.30 0.00	34.70 1.17 0.00	33.67 1.17 0.00	32.08 1.17 0.00	32.33 1.27 0.00	36.00 1.65 0.00	41.18 1.92 0.00	50.75 2.65 0.00	58.12 3.29 0.00	50.14 2.79 0.00	43.41 2.46 0.00	39.70 2.14 0.00	37.58 2.03 0.00
NCHELSEA_115KV_TR2 355582	39.32 1.44 0.00	37.75 1.38 0.00	35.77 1.28 0.00	35.76 1.28 0.00	37.44 1.44 0.00	42.23 1.66 0.00	55.28 2.53 0.00	68.36 3.38 0.00	58.14 3.03 0.00	45.76 2.39 0.00	40.46 2.00 0.00	37.03 1.76 0.00	35.20 1.68 0.00	34.16 1.66 0.00	32.58 1.67 0.00	32.73 1.68 0.00	36.24 1.89 0.00	41.53 2.28 0.00	50.94 2.84 0.00	58.34 3.51 0.00	50.33 2.98 0.00	43.54 2.58 0.00	39.63 2.07 0.00	37.51 1.96 0.00
NEG CAPITAL___MECHNVIL 23645	39.20 1.33 0.00	37.64 1.27 0.00	35.70 1.21 0.00	35.69 1.21 0.00	37.36 1.37 0.00	42.19 1.62 0.00	55.13 2.38 0.00	67.91 2.93 0.00	57.48 2.37 0.00	45.02 1.65 0.00	40.00 1.54 0.00	36.57 1.31 0.00	34.63 1.10 0.00	33.57 1.07 0.00	31.96 1.05 0.00	32.21 1.15 0.00	35.69 1.34 0.00	41.06 1.81 0.00	50.70 2.60 0.00	57.84 3.01 0.00	49.95 2.60 0.00	43.33 2.37 0.00	39.59 2.03 0.00	37.47 1.92 0.00



NEG CENTRAL_HIGH_ACRES 23767	36.44 -1.44 0.00	34.80 -1.56 0.00	33.01 -1.48 0.00	32.94 -1.55 0.00	34.23 -1.76 0.00	38.58 -1.99 0.00	49.80 -2.95 0.00	61.21 -3.77 0.00	51.53 -3.58 0.00	40.94 -2.43 0.00	35.92 -2.54 0.00	33.01 -2.26 0.00	31.31 -2.21 0.00	30.36 -2.15 0.00	28.71 -2.19 0.00	28.91 -2.14 0.00	31.88 -2.47 0.00	36.35 -2.90 0.00	44.21 -3.89 0.00	50.55 -4.28 0.00	43.75 -3.36 0.24	37.67 -3.15 0.14	34.93 -2.63 0.00	32.99 -2.56 0.00
NEG CENTRAL___DRP 24199	37.69 -0.19 0.00	36.07 -0.29 0.00	34.15 -0.34 0.00	34.14 -0.34 0.00	35.53 -0.47 0.00	40.12 -0.45 0.00	51.91 -0.84 0.00	63.81 -1.17 0.00	53.90 -1.21 0.00	42.46 -0.91 0.00	37.50 -0.96 0.00	34.28 -0.99 0.00	32.52 -1.01 0.00	31.50 -1.01 0.00	29.89 -1.02 0.00	30.03 -1.02 0.00	33.15 -1.20 0.00	37.92 -1.33 0.00	46.37 -1.73 0.00	53.08 -1.75 0.00	45.75 -1.56 0.03	39.43 -1.52 0.01	36.40 -1.16 0.00	34.45 -1.10 0.00
NEG CENTRAL___INDECK 23768	38.33 0.46 0.00	36.55 0.18 0.00	34.63 0.14 0.00	34.56 0.07 0.00	35.89 -0.11 0.00	40.44 -0.12 0.00	52.28 -0.48 0.00	64.01 -0.97 0.00	53.18 -1.93 0.00	42.03 -1.34 0.00	36.65 -1.81 0.00	33.61 -1.66 0.00	31.85 -1.68 0.00	30.81 -1.69 0.00	29.11 -1.79 0.00	29.32 -1.74 0.00	32.46 -1.89 0.00	37.21 -2.04 0.00	45.51 -2.60 0.00	52.29 -2.58 -0.04	48.06 -2.08 -2.79	40.38 -2.25 -1.68	35.84 -1.73 0.00	33.81 -1.74 0.00
NEG CENTRAL___SENECA 23627	37.88 0.00 0.00	36.22 -0.15 0.00	34.29 -0.21 0.00	34.28 -0.21 0.00	35.67 -0.32 0.00	40.28 -0.28 0.00	52.07 -0.69 0.00	63.88 -1.10 0.00	53.95 -1.16 0.00	42.55 -0.82 0.00	37.50 -0.96 0.00	34.21 -1.06 0.00	32.45 -1.07 0.00	31.43 -1.07 0.00	29.79 -1.11 0.00	29.94 -1.12 0.00	33.05 -1.31 0.00	37.80 -1.45 0.00	46.28 -1.83 0.00	52.97 -1.86 -0.01	45.54 -1.66 0.16	39.19 -1.68 0.08	36.29 -1.28 0.00	34.31 -1.24 0.00
NEG CENTRAL___STATE_STREET 24147	37.61 -0.27 0.00	36.00 -0.36 0.00	34.12 -0.38 0.00	34.14 -0.34 0.00	35.56 -0.43 0.00	40.12 -0.45 0.00	51.91 -0.84 0.00	64.01 -0.97 0.00	54.18 -0.94 0.00	42.59 -0.78 0.00	37.69 -0.77 0.00	34.49 -0.78 0.00	32.76 -0.77 0.00	31.72 -0.78 0.00	30.10 -0.80 0.00	30.28 -0.78 0.00	33.42 -0.93 0.00	38.23 -1.02 0.00	46.81 -1.30 0.00	53.46 -1.37 0.00	46.41 -1.14 -0.19	39.92 -1.15 -0.11	36.74 -0.83 0.00	34.77 -0.78 0.00
NEG MILLWOOD___DRP 24198	39.43 1.55 0.00	37.89 1.53 0.00	35.91 1.41 0.00	35.87 1.38 0.00	37.62 1.62 0.00	42.39 1.83 0.00	55.49 2.74 0.00	68.56 3.57 0.00	58.36 3.25 0.00	45.97 2.60 0.00	40.69 2.23 0.00	37.17 1.90 0.00	35.34 1.81 0.00	34.26 1.76 0.00	32.64 1.73 0.00	32.83 1.77 0.00	36.38 2.03 0.00	41.65 2.39 0.00	51.23 3.13 0.00	58.56 3.73 0.00	50.48 3.13 0.00	43.70 2.74 0.00	39.78 2.22 0.00	37.62 2.06 0.00
NEG NORTH_FLCN_SEA 23793	39.05 1.17 0.00	37.75 1.38 0.00	35.84 1.35 0.00	35.90 1.41 0.00	37.44 1.44 0.00	42.15 1.58 0.00	55.13 2.37 0.00	68.36 3.38 0.00	57.65 2.54 0.00	45.41 2.04 0.00	40.31 1.85 0.00	36.89 1.62 0.00	35.04 1.51 0.00	33.93 1.43 0.00	32.20 1.30 0.00	32.36 1.30 0.00	35.83 1.48 0.00	40.98 1.73 0.00	50.03 1.92 0.00	56.75 1.92 0.00	48.68 1.33 0.00	41.86 0.90 0.00	38.24 0.68 0.00	35.98 0.43 0.00
NEG NORTH_KES_CHATEGAY 23792	38.37 0.49 0.00	36.98 0.62 0.00	35.12 0.62 0.00	35.18 0.69 0.00	36.68 0.68 0.00	41.34 0.77 0.00	53.96 1.21 0.00	66.80 1.82 0.00	56.38 1.27 0.00	44.37 1.00 0.00	39.34 0.88 0.00	36.04 0.78 0.00	34.23 0.70 0.00	33.19 0.68 0.00	31.52 0.62 0.00	31.68 0.62 0.00	35.07 0.72 0.00	40.12 0.86 0.00	49.07 0.96 0.00	55.76 0.93 0.00	47.92 0.57 0.00	41.28 0.33 0.00	37.75 0.19 0.00	35.59 0.04 0.00
NEG NORTH___ALICE_FALLS 23915	39.13 1.25 0.00	37.82 1.45 0.00	35.91 1.41 0.00	35.97 1.48 0.00	37.47 1.48 0.00	42.23 1.66 0.00	55.28 2.53 0.00	68.62 3.64 0.00	57.76 2.65 0.00	45.45 2.08 0.00	40.34 1.88 0.00	36.89 1.62 0.00	35.04 1.51 0.00	33.93 1.43 0.00	32.20 1.30 0.00	32.39 1.34 0.00	35.86 1.51 0.00	41.06 1.81 0.00	50.13 2.02 0.00	56.86 2.03 0.00	48.77 1.42 0.00	41.98 1.02 0.00	38.35 0.79 0.00	36.09 0.53 0.00
NEG NORTH___LWR_SARANAC 23913	39.13 1.25 0.00	37.82 1.45 0.00	35.91 1.41 0.00	35.97 1.48 0.00	37.47 1.48 0.00	42.23 1.66 0.00	55.28 2.53 0.00	68.62 3.64 0.00	57.76 2.65 0.00	45.45 2.08 0.00	40.34 1.88 0.00	36.89 1.62 0.00	35.04 1.51 0.00	33.93 1.43 0.00	32.20 1.30 0.00	32.39 1.34 0.00	35.86 1.51 0.00	41.06 1.81 0.00	50.13 2.02 0.00	56.86 2.03 0.00	48.77 1.42 0.00	41.98 1.02 0.00	38.35 0.79 0.00	36.09 0.53 0.00
NEG NORTH___PLATTSBURG 23628	39.13 1.25 0.00	37.82 1.46 0.00	35.91 1.41 0.00	35.97 1.48 0.00	37.47 1.48 0.00	42.23 1.66 0.00	55.28 2.53 0.00	68.62 3.64 0.00	57.76 2.65 0.00	45.45 2.08 0.00	40.34 1.88 0.00	36.89 1.62 0.00	35.04 1.51 0.00	33.93 1.43 0.00	32.20 1.30 0.00	32.39 1.33 0.00	35.86 1.51 0.00	41.06 1.81 0.00	50.13 2.02 0.00	56.91 2.08 0.00	48.77 1.42 0.00	41.98 1.02 0.00	38.35 0.79 0.00	36.09 0.53 0.00
NEG WEST_LEA_LOCKPORT 23791	36.59 -1.29 0.00	34.66 -1.71 0.00	32.70 -1.79 0.00	32.83 -1.66 0.00	33.84 -2.16 0.00	38.33 -2.23 0.00	48.37 -4.38 0.00	59.13 -5.85 0.00	49.82 -5.29 0.00	39.99 -3.38 0.00	35.42 -3.04 0.00	32.23 -3.03 0.00	30.54 -2.98 0.00	29.68 -2.83 0.00	28.09 -2.81 0.00	28.23 -2.83 0.00	30.88 -3.47 0.00	34.93 -4.32 0.00	42.14 -5.97 0.00	47.91 -6.91 0.01	39.98 -5.82 1.55	34.96 -5.08 0.92	33.54 -4.02 0.00	31.68 -3.88 0.00
NEG WEST___LANCASTER 23811	38.11 0.23 0.00	36.15 -0.22 0.00	34.12 -0.38 0.00	34.18 -0.31 0.00	35.28 -0.72 0.00	39.84 -0.73 0.00	50.69 -2.06 0.00	61.99 -2.99 0.00	52.19 -2.92 0.00	41.81 -1.56 0.00	36.96 -1.50 0.00	33.71 -1.55 0.00	31.92 -1.61 0.00	30.98 -1.53 0.00	29.33 -1.58 0.00	29.44 -1.61 0.00	32.22 -2.13 0.00	36.39 -2.87 0.00	43.97 -4.14 0.00	50.11 -4.72 0.01	40.74 -5.54 1.07	35.90 -4.42 0.63	34.86 -2.70 0.00	33.17 -2.38 0.00
NEG_PENN_ALLEGHNY 23528	37.99 0.11 0.00	36.36 0.00 0.00	34.50 0.00 0.00	34.45 -0.03 0.00	35.85 -0.14 0.00	40.40 -0.16 0.00	52.44 -0.31 0.00	64.53 -0.45 0.00	54.45 -0.66 0.00	43.02 -0.35 0.00	37.96 -0.50 0.00	34.81 -0.46 0.00	33.02 -0.50 0.00	32.02 -0.49 0.00	30.38 -0.53 0.00	30.50 -0.56 0.00	33.70 -0.65 0.00	38.47 -0.78 0.00	47.09 -1.01 0.00	53.78 -1.04 0.00	46.04 -1.04 0.27	39.82 -0.98 0.16	36.89 -0.68 0.00	34.98 -0.57 0.00
NEG___GEN_MONROE 24207	37.20 -0.68 0.00	35.49 -0.87 0.00	33.56 -0.93 0.00	33.59 -0.90 0.00	34.84 -1.15 0.00	39.43 -1.14 0.00	50.43 -2.32 0.00	61.93 -3.05 0.00	52.19 -2.92 0.00	41.46 -1.91 0.00	36.54 -1.92 0.00	33.26 -2.01 0.00	31.55 -1.98 0.00	30.52 -1.98 0.00	28.90 -2.01 0.00	29.07 -1.99 0.00	31.91 -2.44 0.00	36.35 -2.90 0.00	44.16 -3.94 0.00	50.44 -4.39 0.00	43.38 -3.46 0.52	37.46 -3.19 0.30	34.93 -2.63 0.00	32.99 -2.56 0.00

NEPA__ENERGY 23901	38.07 0.19 0.00	36.11 -0.25 0.00	34.08 -0.41 0.00	34.07 -0.41 0.00	35.13 -0.86 0.00	39.59 -0.97 0.00	50.54 -2.22 0.00	61.93 -3.05 0.00	51.97 -3.14 0.00	41.68 -1.69 0.00	36.88 -1.58 0.00	33.64 -1.62 0.00	31.88 -1.64 0.00	30.91 -1.59 0.00	29.27 -1.64 0.00	29.35 -1.71 0.00	32.12 -2.23 0.00	36.23 -3.02 0.00	43.78 -4.33 0.00	49.83 -4.99 0.01	41.40 -4.88 1.07	36.15 -4.18 0.63	34.56 -3.00 0.00	32.89 -2.67 0.00
NEVERSink__HYD 23608	39.32 1.44 0.00	37.75 1.38 0.00	35.81 1.31 0.00	35.80 1.31 0.00	37.51 1.51 0.00	42.31 1.74 0.00	55.28 2.53 0.00	68.43 3.44 0.00	58.09 2.97 0.00	45.58 2.21 0.00	40.27 1.81 0.00	36.75 1.48 0.00	34.80 1.27 0.00	33.64 1.14 0.00	32.05 1.14 0.00	32.24 1.18 0.00	35.73 1.38 0.00	41.02 1.77 0.00	50.32 2.21 0.00	57.68 2.85 0.00	49.76 2.41 0.00	42.96 2.01 0.00	39.14 1.58 0.00	37.08 1.53 0.00
NEWKRMKL_115KV_TB1 55635	38.98 1.10 0.00	37.42 1.05 0.00	35.53 1.03 0.00	35.49 1.00 0.00	37.11 1.12 0.00	41.86 1.30 0.00	54.65 1.90 0.00	67.19 2.21 0.00	57.04 1.93 0.00	44.80 1.43 0.00	39.69 1.23 0.00	36.43 1.16 0.00	34.60 1.07 0.00	33.54 1.04 0.00	31.93 1.02 0.00	32.11 1.06 0.00	35.55 1.20 0.00	40.70 1.45 0.00	50.08 1.97 0.00	57.08 2.25 0.00	49.34 1.99 0.00	42.80 1.84 0.00	39.10 1.54 0.00	37.01 1.46 0.00
NEWTON__FALLS_HYD 23847	37.88 0.00 0.00	36.47 0.11 0.00	34.60 0.10 0.00	34.59 0.10 0.00	36.10 0.11 0.00	40.69 0.12 0.00	53.23 0.47 0.00	65.83 0.84 0.00	55.39 0.28 0.00	43.20 -0.17 0.00	38.19 -0.27 0.00	34.88 -0.39 0.00	33.09 -0.44 0.00	32.05 -0.46 0.00	30.41 -0.49 0.00	30.62 -0.43 0.00	34.01 -0.34 0.00	38.90 -0.35 0.00	47.77 -0.34 0.00	54.44 -0.38 0.00	46.97 -0.38 0.00	40.47 -0.49 0.00	36.92 -0.64 0.00	34.84 -0.71 0.00
NGRID_A1_DSASP 323792	36.10 -1.78 0.00	34.14 -2.22 0.00	32.43 -2.07 0.00	32.35 -2.14 0.00	33.40 -2.59 0.00	37.56 -3.00 0.00	47.85 -4.90 0.00	57.96 -7.02 0.00	48.66 -6.45 0.00	39.38 -3.99 0.00	34.42 -4.04 0.00	31.88 -3.39 0.00	30.17 -3.35 0.00	29.32 -3.18 0.00	27.69 -3.21 0.00	27.80 -3.26 0.00	30.61 -3.74 0.00	34.42 -4.83 0.00	41.47 -6.64 0.00	47.14 -7.68 0.01	39.69 -6.34 1.32	34.69 -5.49 0.78	33.21 -4.36 0.00	31.47 -4.09 0.00
NGRID_A2_DSASP 323793	36.10 -1.78 0.00	34.14 -2.22 0.00	32.43 -2.07 0.00	32.35 -2.14 0.00	33.40 -2.59 0.00	37.56 -3.00 0.00	47.85 -4.90 0.00	57.96 -7.02 0.00	48.66 -6.45 0.00	39.38 -3.99 0.00	34.42 -4.04 0.00	31.88 -3.39 0.00	30.17 -3.35 0.00	29.32 -3.18 0.00	27.69 -3.21 0.00	27.80 -3.26 0.00	30.61 -3.74 0.00	34.42 -4.83 0.00	41.47 -6.64 0.00	47.14 -7.68 0.01	39.69 -6.34 1.32	34.69 -5.49 0.78	33.21 -4.36 0.00	31.47 -4.09 0.00
NGRID_A4_DSASP 323807	36.10 -1.78 0.00	34.14 -2.22 0.00	32.43 -2.07 0.00	32.35 -2.14 0.00	33.40 -2.59 0.00	37.56 -3.00 0.00	47.85 -4.90 0.00	57.96 -7.02 0.00	48.66 -6.45 0.00	39.38 -3.99 0.00	34.42 -4.04 0.00	31.88 -3.39 0.00	30.17 -3.35 0.00	29.32 -3.18 0.00	27.69 -3.21 0.00	27.80 -3.26 0.00	30.61 -3.74 0.00	34.42 -4.83 0.00	41.47 -6.64 0.00	47.14 -7.68 0.01	39.69 -6.34 1.32	34.69 -5.49 0.78	33.21 -4.36 0.00	31.47 -4.09 0.00
NIAGARA_115E_LBMP 323715	36.06 -1.82 0.00	34.11 -2.25 0.00	32.36 -2.14 0.00	32.28 -2.21 0.00	33.37 -2.63 0.00	37.52 -3.04 0.00	47.85 -4.90 0.00	57.96 -7.02 0.00	48.61 -6.50 0.00	39.29 -4.08 0.00	34.35 -4.11 0.00	31.77 -3.49 0.00	30.07 -3.45 0.00	29.22 -3.28 0.00	27.60 -3.31 0.00	27.73 -3.32 0.00	30.50 -3.85 0.00	34.34 -4.91 0.00	41.42 -6.69 0.00	47.03 -7.79 0.01	39.50 -6.53 1.32	34.57 -5.61 0.78	33.13 -4.43 0.00	31.36 -4.20 0.00
NIAGARA_115W_LBMP 323714	36.02 -1.86 0.00	34.07 -2.29 0.00	32.36 -2.14 0.00	32.28 -2.21 0.00	33.33 -2.66 0.00	37.48 -3.08 0.00	47.74 -5.01 0.00	57.83 -7.15 0.00	48.55 -6.56 0.00	39.29 -4.08 0.00	34.35 -4.11 0.00	31.81 -3.45 0.00	30.11 -3.42 0.00	29.25 -3.25 0.00	27.63 -3.28 0.00	27.76 -3.29 0.00	30.54 -3.81 0.00	34.38 -4.87 0.00	41.42 -6.69 0.00	47.03 -7.79 0.01	39.59 -6.44 1.32	34.61 -5.57 0.78	33.17 -4.39 0.00	31.39 -4.16 0.00
NIAGARA_230_LBMP 323716	36.36 -1.52 0.00	34.40 -1.96 0.00	32.67 -1.83 0.00	32.56 -1.93 0.00	33.66 -2.34 0.00	37.85 -2.72 0.00	48.27 -4.48 0.00	58.49 -6.50 0.00	49.11 -6.01 0.00	39.68 -3.69 0.00	34.73 -3.73 0.00	32.13 -3.14 0.00	30.41 -3.12 0.00	29.55 -2.96 0.00	27.94 -2.97 0.00	28.04 -3.01 0.00	30.85 -3.50 0.00	34.78 -4.48 0.00	41.90 -6.21 0.00	47.64 -7.18 0.01	40.09 -5.92 1.34	35.00 -5.16 0.79	33.54 -4.02 0.00	31.75 -3.80 0.00
NIAGARA__115KV_198_GIBSON 55903	35.98 -1.89 0.00	34.07 -2.29 0.00	32.15 -2.35 0.00	32.28 -2.21 0.00	33.30 -2.70 0.00	37.69 -2.88 0.00	47.42 -5.33 0.00	57.84 -7.15 0.00	48.83 -6.28 0.00	39.29 -4.08 0.00	34.84 -3.62 0.00	31.77 -3.49 0.00	30.07 -3.45 0.00	29.25 -3.25 0.00	27.72 -3.18 0.00	27.86 -3.20 0.00	30.47 -3.88 0.00	34.38 -4.87 0.00	41.42 -6.69 0.00	47.03 -7.79 0.01	39.54 -6.49 1.32	34.60 -5.57 0.78	33.09 -4.47 0.00	31.25 -4.30 0.00
NIAGARA____ 23760	36.36 -1.52 0.00	34.40 -1.96 0.00	32.67 -1.83 0.00	32.56 -1.93 0.00	33.66 -2.34 0.00	37.85 -2.72 0.00	48.27 -4.48 0.00	58.49 -6.50 0.00	49.11 -6.01 0.00	39.68 -3.69 0.00	34.73 -3.73 0.00	32.13 -3.14 0.00	30.41 -3.12 0.00	29.55 -2.96 0.00	27.94 -2.97 0.00	28.04 -3.01 0.00	30.85 -3.50 0.00	34.78 -4.48 0.00	41.90 -6.21 0.00	47.64 -7.18 0.01	40.10 -5.92 1.33	35.01 -5.16 0.79	33.54 -4.02 0.00	31.75 -3.80 0.00
NINE_MILE_1 23575	36.59 -1.29 0.00	35.09 -1.27 0.00	33.32 -1.17 0.00	33.28 -1.21 0.00	34.70 -1.29 0.00	39.07 -1.50 0.00	50.48 -2.27 0.00	62.06 -2.92 0.00	52.52 -2.59 0.00	41.42 -1.95 0.00	36.69 -1.77 0.00	33.75 -1.52 0.00	32.09 -1.44 0.00	31.11 -1.40 0.00	29.55 -1.36 0.00	29.69 -1.37 0.00	32.81 -1.55 0.00	37.37 -1.88 0.00	45.70 -2.40 0.00	52.14 -2.69 0.00	45.08 -2.27 0.00	38.99 -1.97 0.00	35.99 -1.58 0.00	34.06 -1.49 0.00
NINE_MILE_2 23744	36.59 -1.29 0.00	35.09 -1.27 0.00	33.32 -1.17 0.00	33.28 -1.21 0.00	34.70 -1.29 0.00	39.07 -1.50 0.00	50.48 -2.27 0.00	62.06 -2.92 0.00	52.52 -2.59 0.00	41.42 -1.95 0.00	36.69 -1.77 0.00	33.75 -1.52 0.00	32.09 -1.44 0.00	31.11 -1.40 0.00	29.55 -1.36 0.00	29.69 -1.37 0.00	32.81 -1.55 0.00	37.37 -1.88 0.00	45.70 -2.40 0.00	52.14 -2.69 0.00	45.13 -2.22 0.00	38.99 -1.97 0.00	35.99 -1.58 0.00	34.06 -1.49 0.00
NM_CAPITAL__DRP 24208	38.94 1.06 0.00	37.35 0.98 0.00	35.46 0.97 0.00	35.45 0.97 0.00	37.08 1.08 0.00	41.78 1.22 0.00	54.54 1.79 0.00	67.00 2.01 0.00	56.93 1.82 0.00	44.72 1.34 0.00	39.61 1.15 0.00	36.36 1.09 0.00	34.57 1.04 0.00	33.51 1.01 0.00	31.93 1.02 0.00	32.08 1.02 0.00	35.52 1.17 0.00	40.66 1.41 0.00	50.03 1.92 0.00	56.97 2.14 0.00	49.29 1.94 0.00	42.76 1.80 0.00	39.06 1.50 0.00	36.94 1.39 0.00

NM_CENTRAL___DRP 24181	37.20 -0.68 0.00	35.67 -0.69 0.00	33.81 -0.69 0.00	33.80 -0.69 0.00	35.20 -0.79 0.00	39.71 -0.85 0.00	51.33 -1.42 0.00	63.16 -1.82 0.00	53.51 -1.60 0.00	42.16 -1.21 0.00	37.34 -1.12 0.00	34.24 -1.02 0.00	32.52 -1.01 0.00	31.53 -0.98 0.00	29.95 -0.96 0.00	30.09 -0.96 0.00	33.25 -1.10 0.00	37.92 -1.33 0.00	46.37 -1.73 0.00	52.96 -1.86 0.00	45.79 -1.56 0.00	39.52 -1.43 0.00	36.47 -1.09 0.00	34.59 -0.96 0.00
NM_FRONTIER___DRP 24179	35.98 -1.89 0.00	34.07 -2.29 0.00	32.15 -2.35 0.00	32.28 -2.21 0.00	33.30 -2.70 0.00	37.69 -2.88 0.00	47.42 -5.33 0.00	57.84 -7.15 0.00	48.83 -6.28 0.00	39.29 -4.08 0.00	34.84 -3.62 0.00	31.77 -3.49 0.00	30.07 -3.45 0.00	29.25 -3.25 0.00	27.72 -3.18 0.00	27.86 -3.20 0.00	30.47 -3.88 0.00	34.38 -4.87 0.00	41.42 -6.69 0.00	47.03 -7.79 0.01	39.54 -6.49 1.32	34.60 -5.57 0.78	33.09 -4.47 0.00	31.25 -4.30 0.00
NM_ST_REGIS___HYD 24053	38.14 0.27 0.00	36.80 0.44 0.00	34.94 0.45 0.00	34.93 0.45 0.00	36.43 0.43 0.00	41.05 0.49 0.00	53.70 0.95 0.00	66.54 1.56 0.00	55.99 0.88 0.00	43.89 0.52 0.00	38.88 0.42 0.00	35.55 0.28 0.00	33.76 0.23 0.00	32.73 0.23 0.00	31.06 0.15 0.00	31.21 0.16 0.00	34.63 0.27 0.00	39.64 0.39 0.00	48.63 0.53 0.00	55.32 0.49 0.00	47.59 0.24 0.00	41.04 0.08 0.00	37.49 -0.08 0.00	35.34 -0.21 0.00
NORTHPORT___1 23551	39.73 1.86 0.00	37.86 1.49 0.00	36.01 1.52 0.00	36.11 1.62 0.00	37.69 1.69 0.00	43.08 2.52 0.00	59.32 3.64 -2.93	71.81 4.55 -2.28	59.20 4.08 -0.01	46.59 3.21 -0.01	41.88 3.39 -0.03	37.79 2.47 -0.05	35.67 2.15 0.00	34.65 2.14 0.00	33.36 2.32 -0.13	33.38 2.30 -0.03	36.87 2.51 -0.01	43.06 3.30 -0.51	56.88 4.04 -4.73	59.38 4.55 -0.01	56.16 3.93 -4.88	52.37 3.52 -7.89	40.97 3.16 -0.25	38.15 2.59 0.00
NORTHPORT___2 23552	39.73 1.86 0.00	37.86 1.49 0.00	36.01 1.52 0.00	36.11 1.62 0.00	37.69 1.69 0.00	43.08 2.52 0.00	59.32 3.64 -2.93	71.81 4.55 -2.28	59.20 4.08 -0.01	46.59 3.21 -0.01	41.88 3.39 -0.03	37.79 2.47 -0.05	35.67 2.15 0.00	34.65 2.14 0.00	33.36 2.32 -0.13	33.38 2.30 -0.03	36.87 2.51 -0.01	43.06 3.30 -0.51	56.88 4.04 -4.73	59.38 4.55 -0.01	56.16 3.93 -4.88	52.37 3.52 -7.89	40.97 3.16 -0.25	38.15 2.59 0.00
NORTHPORT___3 23553	40.04 2.16 0.00	38.15 1.78 0.00	36.22 1.72 0.00	36.28 1.79 0.00	37.94 1.94 0.00	43.36 2.80 0.00	59.69 4.01 -2.93	72.52 5.26 -2.28	59.80 4.68 -0.01	46.03 2.65 -0.01	40.32 1.81 -0.05	38.07 2.75 -0.05	35.94 2.42 0.00	34.87 2.37 0.00	33.57 2.53 -0.13	33.63 2.55 -0.03	37.18 2.82 -0.01	43.07 3.30 -0.52	57.46 4.62 -4.73	60.15 5.32 -0.01	56.78 4.55 -4.88	52.77 3.93 -7.89	39.48 1.65 -0.27	38.40 2.85 0.00
NORTHPORT___4 23650	40.04 2.16 0.00	38.15 1.78 0.00	36.22 1.72 0.00	36.28 1.79 0.00	37.94 1.94 0.00	43.36 2.80 0.00	59.69 4.01 -2.93	72.52 5.26 -2.28	59.80 4.68 -0.01	46.03 2.65 -0.01	40.32 1.81 -0.05	38.07 2.75 -0.05	35.94 2.42 0.00	34.87 2.37 0.00	33.57 2.53 -0.13	33.63 2.55 -0.03	37.18 2.82 -0.01	43.07 3.30 -0.52	57.46 4.62 -4.73	60.15 5.32 -0.01	56.78 4.55 -4.88	52.77 3.93 -7.89	39.48 1.65 -0.27	38.40 2.85 0.00
NORTHPORT___IC 23718	39.70 1.82 0.00	37.86 1.49 0.00	35.91 1.41 0.00	35.83 1.34 0.00	37.65 1.66 0.00	42.84 2.27 0.00	59.31 3.64 -2.92	71.80 4.55 -2.27	59.08 3.97 0.00	46.59 3.21 -0.01	41.67 3.19 -0.02	37.86 2.54 -0.05	35.84 2.31 0.00	34.65 2.15 0.00	33.29 2.26 -0.13	33.38 2.30 -0.03	37.03 2.68 0.00	43.05 3.30 -0.51	56.87 4.04 -4.73	59.38 4.55 0.00	56.16 3.93 -4.88	52.36 3.52 -7.88	41.03 3.23 -0.24	37.94 2.38 0.00
NORTH___COUNTRY_ESR 323785	38.22 0.34 0.00	36.87 0.51 0.00	35.01 0.52 0.00	35.04 0.55 0.00	36.54 0.54 0.00	41.21 0.65 0.00	53.81 1.05 0.00	66.54 1.56 0.00	56.21 1.10 0.00	44.24 0.87 0.00	39.31 0.85 0.00	35.97 0.71 0.00	34.20 0.67 0.00	33.12 0.62 0.00	31.46 0.56 0.00	31.62 0.56 0.00	35.00 0.65 0.00	40.04 0.78 0.00	48.97 0.87 0.00	55.59 0.77 0.00	47.78 0.43 0.00	41.20 0.25 0.00	37.68 0.11 0.00	35.52 -0.04 0.00
NPX_GEN_1385_PROXY 323591	39.47 1.59 0.00	37.35 0.98 0.00	36.01 1.52 0.00	36.11 1.62 0.00	37.44 1.44 0.00	42.75 2.19 0.00	59.16 3.48 -2.93	70.96 3.70 -2.28	58.32 3.20 -0.01	45.98 2.60 -0.01	41.45 2.96 -0.03	37.65 2.33 -0.05	35.57 2.05 0.00	34.29 1.79 0.00	33.14 2.10 -0.13	33.17 2.08 -0.03	36.63 2.27 -0.01	43.10 3.33 -0.51	56.16 3.32 -4.73	58.35 3.51 -0.01	55.22 2.98 -4.88	51.83 2.99 -7.89	40.44 2.63 -0.25	37.83 2.28 0.00
NPX_GEN_CSC 323557	38.86 0.98 0.00	37.02 0.66 0.00	35.18 0.69 0.00	35.52 1.03 0.00	36.86 0.86 0.00	42.96 2.39 0.00	59.11 3.43 -2.93	71.23 3.96 -2.28	58.59 3.47 -0.01	45.50 2.12 -0.01	41.03 2.54 -0.03	37.08 1.76 -0.05	34.80 1.27 0.00	34.16 1.66 0.00	33.20 2.16 -0.13	32.98 1.89 -0.03	36.21 1.85 -0.01	42.67 2.90 -0.51	56.45 3.61 -4.73	58.73 3.89 -0.01	55.83 3.60 -4.88	52.53 3.69 -7.89	40.18 2.37 -0.25	37.54 1.99 0.00
NSINS_S___GLNS_FALLS 23858	39.17 1.29 0.00	37.56 1.20 0.00	35.67 1.17 0.00	35.62 1.14 0.00	37.36 1.37 0.00	42.23 1.66 0.00	55.34 2.58 0.00	68.17 3.18 0.00	57.59 2.48 0.00	44.98 1.60 0.00	40.34 1.88 0.00	36.82 1.55 0.00	34.80 1.27 0.00	33.67 1.17 0.00	32.02 1.11 0.00	32.33 1.27 0.00	35.90 1.55 0.00	41.45 2.20 0.00	51.47 3.37 0.00	58.39 3.56 0.00	50.33 2.98 0.00	43.66 2.70 0.00	39.89 2.33 0.00	37.76 2.20 0.00
NUCOR_STEEL___DRP 24197	37.73 -0.15 0.00	36.11 -0.25 0.00	34.22 -0.28 0.00	34.24 -0.24 0.00	35.67 -0.32 0.00	40.20 -0.37 0.00	52.01 -0.74 0.00	64.14 -0.84 0.00	54.23 -0.88 0.00	42.68 -0.69 0.00	37.73 -0.73 0.00	34.56 -0.71 0.00	32.79 -0.74 0.00	31.79 -0.72 0.00	30.16 -0.74 0.00	30.31 -0.75 0.00	33.49 -0.86 0.00	38.27 -0.98 0.00	46.85 -1.25 0.00	53.51 -1.32 0.00	46.48 -1.09 -0.22	40.02 -1.06 -0.13	36.81 -0.75 0.00	34.84 -0.71 0.00
NUMBER_THREE_WT_PWR 323818	38.33 0.46 0.00	36.87 0.51 0.00	34.94 0.45 0.00	34.90 0.42 0.00	36.46 0.47 0.00	41.18 0.61 0.00	53.81 1.05 0.00	66.41 1.43 0.00	55.94 0.83 0.00	43.50 0.13 0.00	38.38 -0.08 0.00	35.02 -0.25 0.00	33.26 -0.27 0.00	32.18 -0.33 0.00	30.54 -0.37 0.00	30.78 -0.28 0.00	34.18 -0.17 0.00	38.98 -0.27 0.00	47.82 -0.29 0.00	54.50 -0.33 0.00	47.07 -0.28 0.00	40.55 -0.41 0.00	36.92 -0.64 0.00	34.91 -0.64 0.00
NYISO_LBMP_REFERENCE 24008	37.88 0.00 0.00	36.36 0.00 0.00	34.50 0.00 0.00	34.49 0.00 0.00	36.00 0.00 0.00	40.57 0.00 0.00	52.75 0.00 0.00	64.98 0.00 0.00	55.11 0.00 0.00	43.37 0.00 0.00	38.46 0.00 0.00	35.27 0.00 0.00	33.53 0.00 0.00	32.50 0.00 0.00	30.91 0.00 0.00	31.06 0.00 0.00	34.35 0.00 0.00	39.25 0.00 0.00	48.11 0.00 0.00	54.83 0.00 0.00	47.35 0.00 0.00	40.96 0.00 0.00	37.56 0.00 0.00	35.55 0.00 0.00

NYPA_BRENTWD____GT 24164	40.27 2.39 0.00	38.33 1.96 0.00	36.43 1.93 0.00	36.52 2.03 0.00	38.16 2.16 0.00	43.65 3.08 0.00	60.05 4.38 -2.93	72.91 5.65 -2.28	60.02 4.90 -0.01	47.06 3.68 -0.01	41.69 3.19 -0.04	38.14 2.82 -0.05	36.01 2.48 0.00	34.94 2.44 0.00	33.63 2.60 -0.13	33.66 2.58 -0.03	37.21 2.85 -0.01	43.46 3.69 -0.52	57.51 4.66 -4.73	60.26 5.43 -0.01	56.88 4.64 -4.88	52.90 4.06 -7.89	40.97 3.16 -0.25	38.57 3.02 0.00
NYPA_GOWANUS____GT5 24156	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.69 1.83 -18.38	55.40 1.98 -17.43	55.46 2.27 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.72 4.02 -2.59	58.23 3.25 -11.61	58.49 3.00 -17.02	60.46 2.54 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.53 2.36 -29.12	62.30 2.58 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.27 3.32 -16.00	58.04 2.78 -17.70	55.40 2.67 -17.18
NYPA_GOWANUS____GT6 24157	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.69 1.83 -18.38	55.40 1.98 -17.43	55.46 2.27 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.72 4.02 -2.59	58.23 3.25 -11.61	58.49 3.00 -17.02	60.46 2.54 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.53 2.36 -29.12	62.30 2.58 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.27 3.32 -16.00	58.04 2.78 -17.70	55.40 2.67 -17.18
NYPA_HARLEM__RVR__GT1 24160	39.48 1.59 -0.01	37.93 1.56 -0.01	35.92 1.41 -0.01	35.91 1.41 -0.01	37.55 1.55 -0.01	42.24 1.66 -0.01	55.07 2.32 0.00	67.90 2.93 0.01	58.47 3.36 0.01	46.18 2.82 0.01	41.17 2.69 -0.01	37.72 2.33 -0.13	35.75 2.21 -0.01	34.67 2.18 0.01	36.67 2.16 -3.60	33.34 2.21 -0.07	36.68 2.34 0.01	41.95 2.71 0.01	51.37 3.27 0.01	58.55 3.73 0.01	50.51 3.17 0.01	43.77 2.82 0.01	39.90 2.33 -0.01	37.80 2.24 -0.01
NYPA_HARLEM__RVR__GT2 24161	39.48 1.59 -0.01	37.93 1.56 -0.01	35.92 1.41 -0.01	35.91 1.41 -0.01	37.55 1.55 -0.01	42.24 1.66 -0.01	55.07 2.32 0.00	67.90 2.93 0.01	58.47 3.36 0.01	46.18 2.82 0.01	41.17 2.69 -0.01	37.72 2.33 -0.13	35.75 2.21 -0.01	34.67 2.18 0.01	36.67 2.16 -3.60	33.34 2.21 -0.07	36.68 2.34 0.01	41.95 2.71 0.01	51.37 3.27 0.01	58.55 3.73 0.01	50.51 3.17 0.01	43.77 2.82 0.01	39.90 2.33 -0.01	37.80 2.24 -0.01
NYPA_KENT____GT 24152	48.69 1.97 -8.84	47.97 1.85 -9.75	44.34 1.66 -8.19	46.88 1.72 -10.67	47.83 1.83 -9.99	50.15 2.11 -7.47	55.97 2.85 -0.38	68.56 3.57 0.00	60.40 3.80 -1.48	53.15 3.12 -6.66	51.57 2.89 -10.22	52.49 2.47 -14.75	50.69 2.35 -14.81	52.62 2.27 -17.84	52.08 2.29 -18.88	52.21 2.30 -18.86	53.18 2.47 -16.35	71.02 2.98 -28.78	83.08 3.65 -31.32	86.15 4.16 -27.16	56.22 3.55 -5.31	53.33 3.20 -9.17	50.70 2.67 -10.47	48.26 2.56 -10.14
NYPA_POUCH1____GT 24155	55.33 2.04 -15.41	55.29 1.93 -17.00	50.53 1.76 -14.28	54.66 1.79 -18.38	55.33 1.91 -17.43	55.38 2.19 -12.63	56.25 2.85 -0.65	68.36 3.38 0.00	61.50 3.80 -2.59	58.10 3.12 -11.61	58.37 2.89 -17.02	60.32 2.40 -22.65	59.97 2.31 -24.14	62.37 2.18 -27.69	61.77 2.19 -28.67	62.41 2.24 -29.12	62.16 2.44 -25.37	90.54 2.98 -48.31	106.44 3.70 -54.63	106.42 4.22 -47.37	60.21 3.60 -9.27	60.19 3.23 -16.00	58.00 2.74 -17.70	55.33 2.59 -17.18
NYPA_VERNON____GT2 24162	41.97 1.82 -2.27	40.58 1.71 -2.50	38.11 1.52 -2.10	39.04 1.59 -2.96	40.25 1.69 -2.56	44.87 1.99 -2.32	55.48 2.64 -0.10	68.36 3.38 0.00	59.13 3.64 -0.38	48.02 2.95 -1.70	44.65 2.77 -3.42	44.52 2.40 -6.86	41.30 2.28 -5.49	42.72 2.21 -8.00	42.23 2.23 -9.10	41.89 2.24 -8.60	44.09 2.40 -7.33	51.34 2.83 -9.26	59.63 3.51 -8.01	65.78 4.00 -6.95	52.12 3.41 -1.36	46.33 3.03 -2.35	43.37 2.56 -3.25	41.08 2.42 -3.11
NYPA_VERNON____GT3 24163	41.97 1.82 -2.27	40.58 1.71 -2.50	38.11 1.52 -2.10	39.04 1.59 -2.96	40.25 1.69 -2.56	44.87 1.99 -2.32	55.48 2.64 -0.10	68.36 3.38 0.00	59.13 3.64 -0.38	48.02 2.95 -1.70	44.65 2.77 -3.42	44.52 2.40 -6.86	41.30 2.28 -5.49	42.72 2.21 -8.00	42.23 2.23 -9.10	41.89 2.24 -8.60	44.09 2.40 -7.33	51.34 2.83 -9.26	59.63 3.51 -8.01	65.78 4.00 -6.95	52.12 3.41 -1.36	46.33 3.03 -2.35	43.37 2.56 -3.25	41.08 2.42 -3.11
NYPA__ASTORIA_CC1 323568	39.67 1.78 -0.01	38.05 1.67 -0.01	36.02 1.52 -0.01	36.41 1.55 -0.37	37.70 1.69 -0.01	42.98 1.95 -0.47	55.34 2.58 0.00	68.23 3.25 0.00	58.64 3.53 0.00	46.28 2.91 0.00	42.12 2.73 -0.93	41.31 2.36 -3.68	38.50 2.25 -2.72	38.65 2.18 -3.97	38.36 2.19 -5.26	37.69 2.21 -4.43	40.36 2.37 -3.64	44.23 2.79 -2.19	51.52 3.42 0.00	58.72 3.89 0.00	50.66 3.31 0.00	43.94 2.99 0.00	40.74 2.52 -0.66	38.61 2.42 -0.64
NYPA__ASTORIA_CC2 323569	39.67 1.78 -0.01	38.05 1.67 -0.01	36.02 1.52 -0.01	36.41 1.55 -0.37	37.70 1.69 -0.01	42.98 1.95 -0.47	55.34 2.58 0.00	68.23 3.25 0.00	58.64 3.53 0.00	46.28 2.91 0.00	42.12 2.73 -0.93	41.31 2.36 -3.68	38.50 2.25 -2.72	38.65 2.18 -3.97	38.36 2.19 -5.26	37.69 2.21 -4.43	40.36 2.37 -3.64	44.23 2.79 -2.19	51.52 3.42 0.00	58.72 3.89 0.00	50.66 3.31 0.00	43.94 2.99 0.00	40.74 2.52 -0.66	38.61 2.42 -0.64
NYPA__HOLTSVILL 23794	39.58 1.71 0.00	37.71 1.35 0.00	35.84 1.34 0.00	35.97 1.48 0.00	37.54 1.55 0.00	43.08 2.52 0.00	59.27 3.59 -2.93	71.81 4.55 -2.28	59.14 4.02 -0.01	46.33 2.95 -0.01	41.49 3.00 -0.03	37.65 2.33 -0.05	35.50 1.98 0.00	34.55 2.05 0.00	33.36 2.32 -0.13	33.32 2.24 -0.03	36.76 2.40 -0.01	42.99 3.22 -0.51	56.88 4.04 -4.73	59.44 4.61 -0.01	56.21 3.98 -4.88	52.49 3.64 -7.89	40.67 2.85 -0.25	38.08 2.52 0.00
NYPA__HELLGATE_GT1 24158	39.48 1.59 -0.01	37.93 1.56 -0.01	35.92 1.41 -0.01	35.91 1.41 -0.01	37.55 1.55 -0.01	42.24 1.66 -0.01	55.07 2.32 0.00	67.90 2.93 0.01	58.47 3.36 0.01	46.18 2.82 0.01	41.17 2.69 -0.01	38.95 2.33 -1.36	35.75 2.21 -0.01	34.67 2.18 0.01	33.38 2.16 -0.31	34.06 2.21 -0.80	36.68 2.34 0.01	41.95 2.71 0.01	51.37 3.27 0.01	58.55 3.73 0.01	50.51 3.17 0.01	43.77 2.82 0.01	39.90 2.33 -0.01	37.80 2.24 -0.01
NYPA__HELLGATE_GT2 24159	39.48 1.59 -0.01	37.93 1.56 -0.01	35.92 1.41 -0.01	35.91 1.41 -0.01	37.55 1.55 -0.01	42.24 1.66 -0.01	55.07 2.32 0.00	67.90 2.93 0.01	58.47 3.36 0.01	46.18 2.82 0.01	41.17 2.69 -0.01	38.95 2.33 -1.36	35.75 2.21 -0.01	34.67 2.18 0.01	33.38 2.16 -0.31	34.06 2.21 -0.80	36.68 2.34 0.01	41.95 2.71 0.01	51.37 3.27 0.01	58.55 3.73 0.01	50.51 3.17 0.01	43.77 2.82 0.01	39.90 2.33 -0.01	37.80 2.24 -0.01
NYS_BARGE__HYD 23848	36.63 -1.25 0.00	34.66 -1.71 0.00	32.87 -1.62 0.00	32.80 -1.69 0.00	33.91 -2.09 0.00	38.13 -2.43 0.00	48.69 -4.06 0.00	59.13 -5.85 0.00	49.55 -5.56 0.00	39.99 -3.38 0.00	34.92 -3.54 0.00	32.27 -3.00 0.00	30.54 -2.98 0.00	29.68 -2.83 0.00	28.03 -2.87 0.00	28.14 -2.92 0.00	30.99 -3.37 0.00	34.93 -4.32 0.00	42.14 -5.97 0.00	47.91 -6.91 0.01	40.16 -5.83 1.36	35.11 -5.04 0.81	33.62 -3.94 0.00	31.82 -3.73 0.00

OAK ORCHARD___HYD 24046	36.97 -0.91 0.00	35.24 -1.13 0.00	33.43 -1.07 0.00	33.35 -1.14 0.00	34.63 -1.37 0.00	38.98 -1.58 0.00	50.22 -2.53 0.00	61.47 -3.51 0.00	51.75 -3.36 0.00	41.29 -2.08 0.00	36.19 -2.27 0.00	33.29 -1.97 0.00	31.58 -1.95 0.00	30.62 -1.89 0.00	28.99 -1.92 0.00	29.16 -1.90 0.00	32.15 -2.20 0.00	36.58 -2.67 0.00	44.40 -3.70 0.00	50.71 -4.11 0.00	43.85 -3.17 0.33	37.82 -2.95 0.19	35.16 -2.40 0.00	33.21 -2.35 0.00
OAKDALE___35_KV_LOAD 356122	37.92 0.04 0.00	36.29 -0.07 0.00	34.39 -0.10 0.00	34.38 -0.10 0.00	35.78 -0.22 0.00	40.32 -0.24 0.00	52.22 -0.53 0.00	64.27 -0.71 0.00	54.34 -0.77 0.00	42.94 -0.43 0.00	37.96 -0.50 0.00	34.74 -0.53 0.00	32.99 -0.54 0.00	31.98 -0.52 0.00	30.38 -0.53 0.00	30.50 -0.56 0.00	33.66 -0.69 0.00	38.39 -0.86 0.00	47.00 -1.11 0.00	53.68 -1.15 0.00	45.87 -1.14 0.35	39.73 -1.02 0.20	36.85 -0.71 0.00	34.95 -0.60 0.00
OCC_CHEM___DRP 24175	36.06 -1.82 0.00	34.15 -2.22 0.00	32.22 -2.28 0.00	32.35 -2.14 0.00	33.37 -2.63 0.00	37.77 -2.80 0.00	47.53 -5.22 0.00	57.97 -7.02 0.00	48.94 -6.17 0.00	39.38 -3.99 0.00	34.92 -3.54 0.00	31.81 -3.46 0.00	30.14 -3.39 0.00	29.32 -3.19 0.00	27.78 -3.12 0.00	27.92 -3.14 0.00	30.50 -3.85 0.00	34.46 -4.79 0.00	41.52 -6.59 0.00	47.14 -7.68 0.01	39.64 -6.39 1.32	34.69 -5.49 0.78	33.17 -4.39 0.00	31.32 -4.23 0.00
OH_GEN_PROXY 24063	36.40 -1.48 0.00	34.44 -1.93 0.00	32.70 -1.80 0.00	32.59 -1.90 0.00	33.69 -2.30 0.00	37.89 -2.68 0.00	48.32 -4.43 0.00	58.68 -6.30 0.00	49.27 -5.84 0.00	39.82 -3.56 0.00	34.84 -3.62 0.00	32.20 -3.07 0.00	30.48 -3.05 0.00	29.61 -2.89 0.00	28.00 -2.91 0.00	28.11 -2.95 0.00	30.95 -3.40 0.00	34.86 -4.40 0.00	42.04 -6.06 0.00	47.80 -7.02 0.01	40.33 -5.78 1.24	35.18 -5.04 0.73	33.62 -3.94 0.00	31.86 -3.70 0.00
OLIN_CORP_DRP 24177	36.10 -1.78 0.00	34.18 -2.18 0.00	32.25 -2.24 0.00	32.38 -2.10 0.00	33.37 -2.63 0.00	37.77 -2.80 0.00	47.63 -5.12 0.00	58.10 -6.89 0.00	49.05 -6.06 0.00	39.42 -3.95 0.00	34.92 -3.54 0.00	31.81 -3.46 0.00	30.14 -3.39 0.00	29.29 -3.22 0.00	27.75 -3.15 0.00	27.89 -3.17 0.00	30.50 -3.85 0.00	34.46 -4.79 0.00	41.52 -6.59 0.00	47.20 -7.62 0.01	39.60 -6.44 1.31	34.65 -5.53 0.77	33.13 -4.43 0.00	31.32 -4.23 0.00
OLIN_CORP_DSASP 323712	36.10 -1.78 0.00	34.14 -2.22 0.00	32.43 -2.07 0.00	32.35 -2.14 0.00	33.40 -2.59 0.00	37.56 -3.00 0.00	47.85 -4.90 0.00	57.96 -7.02 0.00	48.66 -6.45 0.00	39.38 -3.99 0.00	34.42 -4.04 0.00	31.88 -3.39 0.00	30.17 -3.35 0.00	29.32 -3.18 0.00	27.69 -3.21 0.00	27.80 -3.26 0.00	30.61 -3.74 0.00	34.42 -4.83 0.00	41.47 -6.64 0.00	47.14 -7.68 0.01	39.69 -6.34 1.32	34.69 -5.49 0.78	33.21 -4.36 0.00	31.47 -4.09 0.00
ONEIDA_HERK_LFGE 323681	38.52 0.64 0.00	37.02 0.66 0.00	35.08 0.59 0.00	35.04 0.55 0.00	36.61 0.61 0.00	41.33 0.77 0.00	53.97 1.21 0.00	66.54 1.56 0.00	56.27 1.16 0.00	43.89 0.52 0.00	38.77 0.31 0.00	35.44 0.18 0.00	33.66 0.13 0.00	32.60 0.10 0.00	30.94 0.03 0.00	31.15 0.09 0.00	34.56 0.21 0.00	39.53 0.28 0.00	48.54 0.43 0.00	55.38 0.55 0.00	47.82 0.47 0.00	41.25 0.29 0.00	37.64 0.08 0.00	35.59 0.04 0.00
ONEIDA___115KV_TB4 55905	38.64 0.76 0.00	37.09 0.73 0.00	35.15 0.66 0.00	35.14 0.66 0.00	36.68 0.68 0.00	41.38 0.81 0.00	53.91 1.16 0.00	66.48 1.49 0.00	56.21 1.10 0.00	43.93 0.56 0.00	38.81 0.35 0.00	35.48 0.21 0.00	33.69 0.17 0.00	32.63 0.13 0.00	30.97 0.06 0.00	31.18 0.12 0.00	34.56 0.21 0.00	39.60 0.35 0.00	48.68 0.58 0.00	55.60 0.77 0.00	48.01 0.66 0.00	41.41 0.45 0.00	37.90 0.34 0.00	35.84 0.28 0.00
ONONDAGA_REF_OCCRA 23987	37.39 -0.49 0.00	35.82 -0.55 0.00	33.94 -0.55 0.00	33.93 -0.55 0.00	35.38 -0.61 0.00	39.88 -0.69 0.00	51.59 -1.16 0.00	63.55 -1.43 0.00	53.79 -1.32 0.00	42.37 -1.00 0.00	37.50 -0.96 0.00	34.38 -0.88 0.00	32.65 -0.87 0.00	31.66 -0.85 0.00	30.07 -0.83 0.00	30.22 -0.84 0.00	33.39 -0.96 0.00	38.11 -1.14 0.00	46.66 -1.44 0.00	53.29 -1.54 0.00	46.18 -1.33 -0.16	39.82 -1.23 -0.09	36.66 -0.90 0.00	34.74 -0.82 0.00
ONONDAGA___COGEN 23986	37.42 -0.45 0.00	35.89 -0.47 0.00	34.01 -0.48 0.00	34.00 -0.48 0.00	35.46 -0.54 0.00	39.96 -0.61 0.00	51.64 -1.11 0.00	63.62 -1.36 0.00	53.84 -1.27 0.00	42.42 -0.95 0.00	37.54 -0.92 0.00	34.42 -0.85 0.00	32.69 -0.84 0.00	31.69 -0.81 0.00	30.10 -0.80 0.00	30.25 -0.81 0.00	33.42 -0.93 0.00	38.15 -1.10 0.00	46.66 -1.44 0.00	53.29 -1.54 0.00	46.07 -1.28 0.00	39.77 -1.19 0.00	36.70 -0.86 0.00	34.77 -0.78 0.00
ONTARIO___LFGE 23819	37.92 0.04 0.00	36.22 -0.14 0.00	34.36 -0.14 0.00	34.28 -0.21 0.00	35.67 -0.32 0.00	40.24 -0.33 0.00	52.17 -0.58 0.00	63.88 -1.11 0.00	53.90 -1.21 0.00	42.55 -0.83 0.00	37.34 -1.12 0.00	34.21 -1.06 0.00	32.45 -1.07 0.00	31.43 -1.07 0.00	29.76 -1.14 0.00	29.91 -1.15 0.00	33.08 -1.27 0.00	37.80 -1.45 0.00	46.28 -1.83 0.00	52.97 -1.86 -0.01	45.54 -1.66 0.16	39.19 -1.68 0.08	36.29 -1.28 0.00	34.34 -1.21 0.00
ORANGEVILLE_WT_PWR 323706	37.16 -0.72 0.00	35.27 -1.09 0.00	33.49 -1.00 0.00	33.38 -1.10 0.00	34.59 -1.40 0.00	38.90 -1.66 0.00	50.01 -2.75 0.00	60.89 -4.09 0.00	50.81 -4.30 0.00	40.47 -2.91 0.00	35.42 -3.04 0.00	32.62 -2.65 0.00	30.95 -2.58 0.00	29.97 -2.54 0.00	28.31 -2.60 0.00	28.39 -2.67 0.00	31.26 -3.09 0.00	35.48 -3.77 0.00	43.20 -4.91 0.00	48.89 -5.87 0.07	35.39 -5.30 6.66	32.20 -4.79 3.96	33.69 -3.87 0.00	31.89 -3.66 0.00
ORANGEVILLE___ESR 323794	37.16 -0.72 0.00	35.27 -1.09 0.00	33.49 -1.00 0.00	33.38 -1.10 0.00	34.59 -1.40 0.00	38.90 -1.66 0.00	50.01 -2.75 0.00	60.89 -4.09 0.00	50.81 -4.30 0.00	40.47 -2.91 0.00	35.42 -3.04 0.00	32.62 -2.65 0.00	30.95 -2.58 0.00	29.97 -2.54 0.00	28.31 -2.60 0.00	28.39 -2.67 0.00	31.26 -3.09 0.00	35.48 -3.77 0.00	43.20 -4.91 0.00	48.89 -5.87 0.07	35.39 -5.30 6.66	32.20 -4.79 3.96	33.69 -3.87 0.00	31.89 -3.66 0.00
OSWEGATCHIE___HYD 24044	37.88 0.00 0.00	36.47 0.11 0.00	34.60 0.10 0.00	34.59 0.10 0.00	36.10 0.11 0.00	40.69 0.12 0.00	53.23 0.47 0.00	65.83 0.84 0.00	55.39 0.28 0.00	43.20 -0.17 0.00	38.19 -0.27 0.00	34.88 -0.39 0.00	33.09 -0.44 0.00	32.05 -0.46 0.00	30.41 -0.50 0.00	30.62 -0.43 0.00	34.01 -0.34 0.00	38.90 -0.35 0.00	47.77 -0.33 0.00	54.45 -0.38 0.00	46.97 -0.38 0.00	40.47 -0.49 0.00	36.92 -0.64 0.00	34.84 -0.71 0.00
OSWEGO___5 23606	36.86 -1.02 0.00	35.35 -1.02 0.00	33.53 -0.97 0.00	33.52 -0.97 0.00	34.92 -1.08 0.00	39.31 -1.26 0.00	50.85 -1.90 0.00	62.58 -2.40 0.00	52.96 -2.15 0.00	41.77 -1.60 0.00	36.96 -1.50 0.00	34.00 -1.27 0.00	32.29 -1.24 0.00	31.30 -1.20 0.00	29.73 -1.17 0.00	29.88 -1.18 0.00	33.01 -1.34 0.00	37.64 -1.61 0.00	46.04 -2.07 0.00	52.53 -2.30 0.00	45.41 -1.94 0.00	39.24 -1.72 0.00	36.21 -1.35 0.00	34.28 -1.28 0.00

OSWEGO___6 23613	36.86 -1.02 0.00	35.35 -1.02 0.00	33.53 -0.97 0.00	33.52 -0.97 0.00	34.92 -1.08 0.00	39.31 -1.26 0.00	50.85 -1.90 0.00	62.58 -2.40 0.00	52.96 -2.15 0.00	41.77 -1.60 0.00	36.96 -1.50 0.00	34.00 -1.27 0.00	32.29 -1.24 0.00	31.30 -1.20 0.00	29.73 -1.17 0.00	29.88 -1.18 0.00	33.01 -1.34 0.00	37.64 -1.61 0.00	46.04 -2.07 0.00	52.53 -2.30 0.00	45.41 -1.94 0.00	39.24 -1.72 0.00	36.21 -1.35 0.00	34.28 -1.28 0.00
OUTOKUMPU-AB___DRP 24206	37.01 -0.87 0.00	35.09 -1.27 0.00	33.08 -1.41 0.00	33.21 -1.28 0.00	34.27 -1.73 0.00	38.78 -1.78 0.00	48.95 -3.80 0.00	59.85 -5.13 0.00	50.48 -4.63 0.00	40.51 -2.86 0.00	35.88 -2.58 0.00	32.69 -2.57 0.00	30.94 -2.58 0.00	30.07 -2.44 0.00	28.46 -2.44 0.00	28.60 -2.45 0.00	31.26 -3.09 0.00	35.33 -3.93 0.00	42.57 -5.53 0.00	48.40 -6.41 0.01	40.52 -5.54 1.29	35.40 -4.79 0.76	33.88 -3.68 0.00	32.03 -3.52 0.00
OXBOW___BTM 323836	36.52 -1.36 0.00	34.58 -1.78 0.00	32.81 -1.69 0.00	32.73 -1.76 0.00	33.80 -2.20 0.00	38.01 -2.55 0.00	48.48 -4.27 0.00	58.81 -6.17 0.00	49.33 -5.79 0.00	39.90 -3.47 0.00	34.88 -3.58 0.00	32.27 -3.00 0.00	30.54 -2.98 0.00	29.64 -2.86 0.00	28.03 -2.87 0.00	28.11 -2.95 0.00	30.95 -3.40 0.00	34.86 -4.40 0.00	41.95 -6.16 0.00	47.69 -7.13 0.01	40.03 -6.01 1.30	35.02 -5.16 0.77	33.54 -4.02 0.00	31.78 -3.77 0.00
OXBOW____ 24026	36.48 -1.40 0.00	34.58 -1.78 0.00	32.60 -1.90 0.00	32.73 -1.76 0.00	33.76 -2.23 0.00	38.21 -2.35 0.00	48.16 -4.59 0.00	58.81 -6.17 0.00	49.66 -5.46 0.00	39.90 -3.47 0.00	35.38 -3.08 0.00	32.20 -3.07 0.00	30.51 -3.02 0.00	29.64 -2.86 0.00	28.09 -2.81 0.00	28.23 -2.83 0.00	30.85 -3.50 0.00	34.86 -4.40 0.00	42.00 -6.11 0.00	47.69 -7.13 0.01	40.03 -6.01 1.30	34.98 -5.20 0.77	33.47 -4.09 0.00	31.64 -3.91 0.00
OXY_CHEM_DSASP 323612	36.06 -1.82 0.00	34.15 -2.22 0.00	32.22 -2.28 0.00	32.35 -2.14 0.00	33.37 -2.63 0.00	37.77 -2.80 0.00	47.53 -5.22 0.00	57.97 -7.02 0.00	48.94 -6.17 0.00	39.38 -3.99 0.00	34.92 -3.54 0.00	31.81 -3.46 0.00	30.14 -3.39 0.00	29.32 -3.19 0.00	27.78 -3.12 0.00	27.92 -3.14 0.00	30.50 -3.85 0.00	34.46 -4.79 0.00	41.52 -6.59 0.00	47.14 -7.68 0.01	39.64 -6.39 1.32	34.69 -5.49 0.78	33.17 -4.39 0.00	31.32 -4.23 0.00
OZONE_PARK_ESR 323760	39.73 1.86 0.00	38.07 1.71 0.00	36.01 1.52 0.00	36.04 1.55 0.00	37.72 1.73 0.00	42.55 1.99 0.00	55.65 2.90 0.00	68.75 3.77 0.00	58.86 3.75 0.00	46.41 3.04 0.00	41.21 2.73 -0.02	38.47 2.47 -0.74	35.85 2.31 -0.01	34.75 2.24 0.00	35.11 2.26 -1.95	33.75 2.27 -0.43	36.82 2.47 0.00	42.16 2.90 0.00	51.81 3.70 0.00	59.05 4.22 0.00	50.95 3.60 0.00	44.11 3.15 0.00	40.12 2.55 0.00	37.90 2.35 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	36.06 -1.82 0.00	34.15 -2.22 0.00	32.22 -2.28 0.00	32.35 -2.14 0.00	33.37 -2.63 0.00	37.77 -2.80 0.00	47.53 -5.22 0.00	57.97 -7.02 0.00	48.94 -6.17 0.00	39.38 -3.99 0.00	34.92 -3.54 0.00	31.81 -3.46 0.00	30.14 -3.39 0.00	29.32 -3.19 0.00	27.78 -3.12 0.00	27.92 -3.14 0.00	30.50 -3.85 0.00	34.46 -4.79 0.00	41.52 -6.59 0.00	47.14 -7.68 0.01	39.64 -6.39 1.32	34.69 -5.49 0.78	33.17 -4.39 0.00	31.32 -4.23 0.00
PACKARD__115KV_DUPONT_184 80571	36.06 -1.82 0.00	34.15 -2.22 0.00	32.22 -2.28 0.00	32.35 -2.14 0.00	33.37 -2.63 0.00	37.77 -2.80 0.00	47.53 -5.22 0.00	57.97 -7.02 0.00	48.94 -6.17 0.00	39.38 -3.99 0.00	34.92 -3.54 0.00	31.81 -3.46 0.00	30.14 -3.39 0.00	29.32 -3.19 0.00	27.78 -3.12 0.00	27.92 -3.14 0.00	30.50 -3.85 0.00	34.46 -4.79 0.00	41.52 -6.59 0.00	47.14 -7.68 0.01	39.64 -6.39 1.32	34.69 -5.49 0.78	33.17 -4.39 0.00	31.32 -4.23 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	39.52 1.63 -0.01	37.94 1.56 -0.01	35.92 1.41 -0.01	35.84 1.34 -0.01	37.55 1.55 -0.01	42.28 1.70 -0.01	55.07 2.32 0.00	67.91 2.92 0.00	58.20 3.09 0.00	46.06 2.69 0.00	40.94 2.46 -0.01	37.52 2.19 -0.06	35.65 2.11 0.01	34.51 2.02 0.01	33.09 2.04 -0.14	33.14 2.05 -0.04	36.58 2.23 0.01	41.87 2.63 0.01	51.33 3.22 0.00	58.50 3.67 0.00	50.48 3.13 0.00	43.78 2.83 0.00	39.90 2.33 -0.01	37.73 2.17 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	39.74 1.86 -0.01	38.12 1.75 -0.01	36.09 1.59 -0.01	36.05 1.55 -0.01	37.77 1.76 -0.01	42.52 1.95 -0.01	55.39 2.64 0.00	68.23 3.25 0.00	58.47 3.36 0.00	46.23 2.86 0.00	41.05 2.58 -0.01	37.69 2.36 -0.06	35.68 2.15 0.01	34.54 2.05 0.01	33.09 2.04 -0.14	33.17 2.08 -0.04	36.61 2.27 0.01	41.91 2.67 0.01	51.42 3.32 0.00	58.61 3.78 0.00	50.62 3.27 0.00	43.91 2.95 0.00	40.01 2.44 -0.01	37.84 2.28 -0.01
PATROON__115KV_TB1 80586	39.01 1.14 0.00	37.46 1.09 0.00	35.56 1.07 0.00	35.52 1.03 0.00	37.18 1.19 0.00	41.90 1.34 0.00	54.70 1.95 0.00	67.26 2.27 0.00	57.15 2.04 0.00	44.89 1.52 0.00	39.73 1.27 0.00	36.47 1.20 0.00	34.63 1.11 0.00	33.58 1.07 0.00	31.96 1.05 0.00	32.14 1.09 0.00	35.59 1.24 0.00	40.74 1.49 0.00	50.13 2.02 0.00	57.13 2.30 0.00	49.39 2.04 0.00	42.84 1.88 0.00	39.18 1.62 0.00	37.05 1.49 0.00
PATTRSNVILLE___SOLAR 323815	39.05 1.18 0.00	37.49 1.13 0.00	35.53 1.03 0.00	35.52 1.03 0.00	37.18 1.19 0.00	41.95 1.38 0.00	54.76 2.00 0.00	67.39 2.41 0.00	57.09 1.98 0.00	44.58 1.21 0.00	39.42 0.96 0.00	36.01 0.74 0.00	34.16 0.64 0.00	33.19 0.68 0.00	31.59 0.68 0.00	31.77 0.71 0.00	35.24 0.89 0.00	40.51 1.26 0.00	50.08 1.97 0.00	57.18 2.36 0.00	49.38 2.03 0.00	42.80 1.84 0.00	39.14 1.58 0.00	37.01 1.46 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	37.95 0.08 0.00	36.00 -0.36 0.00	33.98 -0.52 0.00	34.07 -0.41 0.00	35.13 -0.86 0.00	39.71 -0.85 0.00	50.48 -2.27 0.00	61.73 -3.25 0.00	51.97 -3.14 0.00	41.68 -1.69 0.00	36.84 -1.62 0.00	33.61 -1.66 0.00	31.82 -1.71 0.00	30.88 -1.63 0.00	29.24 -1.67 0.00	29.35 -1.71 0.00	32.12 -2.23 0.00	36.23 -3.02 0.00	43.78 -4.33 0.00	49.83 -4.99 0.01	40.86 -5.35 1.14	35.90 -4.38 0.67	34.71 -2.85 0.00	32.99 -2.56 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	39.43 1.55 0.00	37.89 1.53 0.00	35.91 1.41 0.00	35.87 1.38 0.00	37.62 1.62 0.00	42.39 1.83 0.00	55.49 2.74 0.00	68.56 3.57 0.00	58.36 3.25 0.00	45.97 2.60 0.00	40.69 2.23 0.00	37.17 1.90 0.00	35.34 1.81 0.00	34.26 1.76 0.00	32.64 1.73 0.00	32.83 1.77 0.00	36.38 2.03 0.00	41.65 2.39 0.00	51.23 3.13 0.00	58.56 3.73 0.00	50.48 3.13 0.00	43.70 2.74 0.00	39.78 2.22 0.00	37.62 2.06 0.00
PEEKSKILL____ 23653	39.01 1.14 0.00	37.45 1.09 0.00	35.46 0.96 0.00	35.49 1.00 0.00	37.11 1.12 0.00	41.86 1.30 0.00	54.65 1.90 0.00	67.59 2.60 0.00	57.70 2.59 0.00	45.45 2.08 0.00	40.39 1.92 0.00	36.90 1.62 -0.01	35.07 1.54 0.00	34.00 1.50 0.00	32.48 1.54 -0.02	32.61 1.55 -0.01	36.03 1.68 0.00	41.21 1.96 0.00	50.65 2.55 0.00	57.84 3.01 0.00	49.95 2.60 0.00	43.25 2.29 0.00	39.40 1.84 0.00	37.33 1.78 0.00

PGE MADISON___WINDPWR 24146	40.19 2.31 0.00	38.62 2.26 0.00	36.56 2.07 0.00	36.59 2.10 0.00	38.23 2.23 0.00	43.20 2.64 0.00	56.65 3.90 0.00	70.06 5.07 0.00	58.75 3.64 0.00	45.41 2.04 0.00	39.73 1.27 0.00	36.08 0.81 0.00	34.16 0.64 0.00	32.99 0.49 0.00	31.22 0.31 0.00	31.49 0.43 0.00	35.11 0.75 0.00	40.51 1.26 0.00	50.17 2.07 0.00	57.41 2.58 0.00	50.32 1.94 -1.03	42.87 1.31 -0.60	38.50 0.94 0.00	36.41 0.85 0.00
PIERCEFIELD___HYD 23852	37.92 0.04 0.00	36.58 0.22 0.00	34.74 0.24 0.00	34.73 0.24 0.00	36.18 0.18 0.00	40.77 0.20 0.00	53.33 0.58 0.00	66.09 1.10 0.00	55.61 0.50 0.00	43.54 0.17 0.00	38.58 0.12 0.00	35.27 0.00 0.00	33.49 -0.03 0.00	32.44 -0.07 0.00	30.81 -0.09 0.00	30.96 -0.09 0.00	34.35 0.00 0.00	39.37 0.12 0.00	48.25 0.14 0.00	54.94 0.11 0.00	47.30 -0.05 0.00	40.79 -0.16 0.00	37.26 -0.30 0.00	35.16 -0.39 0.00
PINELAWN_CC_1 323563	39.96 2.08 0.00	38.07 1.71 0.00	36.15 1.66 0.00	36.21 1.72 0.00	37.87 1.87 0.00	43.24 2.68 0.00	59.53 3.85 -2.93	72.27 5.00 -2.28	59.53 4.41 -0.01	46.64 3.25 -0.01	41.47 2.96 -0.05	37.89 2.57 -0.05	35.77 2.25 0.00	34.74 2.24 0.00	33.42 2.38 -0.13	33.48 2.39 -0.03	37.00 2.65 -0.01	43.11 3.33 -0.52	57.17 4.33 -4.73	59.82 4.99 -0.01	56.54 4.31 -4.88	52.57 3.73 -7.89	40.68 2.85 -0.27	38.29 2.74 0.00
PJM_GEN_HTP_PROXY 323702	39.40 1.52 0.00	37.78 1.42 0.00	35.77 1.28 0.00	35.80 1.31 0.00	37.40 1.40 0.00	42.23 1.66 0.00	55.18 2.43 0.00	68.30 3.31 0.00	58.47 3.36 0.00	46.06 2.69 0.00	40.98 2.50 -0.02	37.98 2.15 -0.56	35.55 2.01 -0.01	34.49 1.98 0.00	34.40 2.01 -1.49	33.40 2.02 -0.33	36.52 2.17 0.00	41.80 2.55 0.00	51.38 3.27 0.00	58.56 3.73 0.00	50.52 3.17 0.00	43.74 2.79 0.00	39.82 2.25 0.00	37.72 2.17 0.00
PJM_GEN_KEystone 24065	37.95 0.08 0.00	36.22 -0.14 0.00	34.36 -0.14 0.00	34.31 -0.17 0.00	35.71 -0.29 0.00	40.20 -0.37 0.00	52.12 -0.63 0.00	64.14 -0.85 0.00	54.39 -0.72 0.00	43.20 -0.17 0.00	38.20 -0.27 0.00	35.08 -0.25 -0.06	33.23 -0.30 0.00	32.21 -0.29 0.00	30.77 -0.28 -0.14	30.81 -0.28 -0.03	33.94 -0.41 0.00	38.58 -0.67 0.00	47.14 -0.96 0.00	53.84 -0.99 0.00	46.05 -1.00 0.31	39.92 -0.86 0.18	37.00 -0.56 0.00	35.13 -0.43 0.00
PJM_GEN_NEPTUNE_PROXY 323594	39.43 1.55 0.00	37.67 1.31 0.00	35.74 1.24 0.00	35.80 1.31 0.00	37.44 1.44 0.00	42.55 1.99 0.00	57.16 2.85 -1.56	69.97 3.77 -1.22	58.65 3.53 -0.01	46.11 2.73 0.00	41.13 2.65 -0.02	37.47 2.15 -0.05	35.44 1.91 0.00	34.39 1.88 0.00	33.05 2.01 -0.13	33.10 2.02 -0.03	36.56 2.20 -0.01	42.27 2.75 -0.27	54.15 3.51 -2.53	58.83 4.00 -0.01	53.41 3.45 -2.61	48.20 3.03 -4.21	40.17 2.48 -0.13	37.79 2.24 0.00
PJM_GEN_VFT_PROXY 323633	39.20 1.33 0.00	37.60 1.24 0.00	35.57 1.07 0.00	35.62 1.14 0.00	37.22 1.22 0.00	42.02 1.46 0.00	54.91 2.16 0.00	67.84 2.86 0.00	58.20 3.08 0.00	45.84 2.47 0.00	40.83 2.35 -0.02	38.01 2.01 -0.74	35.45 1.91 -0.01	34.35 1.85 0.00	34.74 1.89 -1.95	33.38 1.89 -0.43	36.38 2.03 0.00	41.61 2.35 0.00	51.14 3.03 0.00	58.34 3.51 0.00	50.33 2.98 0.00	43.58 2.62 0.00	39.66 2.10 0.00	37.54 1.99 0.00
PLATSBURG_115KV_PMLD1 355749	39.01 1.14 0.00	37.71 1.35 0.00	35.81 1.31 0.00	35.87 1.38 0.00	37.40 1.40 0.00	42.15 1.58 0.00	55.07 2.32 0.00	68.36 3.38 0.00	57.65 2.54 0.00	45.37 2.00 0.00	40.31 1.85 0.00	36.85 1.59 0.00	35.00 1.48 0.00	33.93 1.43 0.00	32.20 1.30 0.00	32.36 1.30 0.00	35.83 1.48 0.00	40.94 1.69 0.00	50.03 1.92 0.00	56.69 1.86 0.00	48.63 1.28 0.00	41.86 0.90 0.00	38.24 0.68 0.00	35.98 0.43 0.00
PLEASANTVLY___LBMP 24000	38.94 1.06 0.00	37.38 1.02 0.00	35.46 0.97 0.00	35.42 0.93 0.00	37.08 1.08 0.00	41.74 1.18 0.00	54.65 1.90 0.00	67.39 2.40 0.00	57.43 2.31 0.00	45.24 1.86 0.00	40.15 1.69 0.00	36.78 1.52 0.00	35.00 1.48 0.00	33.93 1.43 0.00	32.33 1.42 0.00	32.52 1.46 0.00	35.97 1.61 0.00	41.14 1.88 0.00	50.51 2.41 0.00	57.62 2.80 0.00	49.81 2.46 0.00	43.17 2.21 0.00	39.29 1.73 0.00	37.19 1.64 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	39.20 1.33 0.00	37.64 1.27 0.00	35.67 1.17 0.00	35.62 1.14 0.00	37.29 1.30 0.00	42.03 1.46 0.00	55.02 2.27 0.00	67.97 2.99 0.00	57.98 2.87 0.00	45.71 2.34 0.00	40.52 2.08 0.01	37.05 1.87 0.08	35.30 1.78 0.00	34.23 1.72 0.00	32.45 1.73 0.19	32.75 1.74 0.04	36.27 1.92 0.00	41.49 2.24 0.00	50.99 2.89 0.00	58.17 3.34 0.00	50.24 2.89 0.00	43.50 2.54 0.00	39.59 2.03 0.00	37.44 1.88 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	39.20 1.33 0.00	37.64 1.27 0.00	35.67 1.17 0.00	35.62 1.14 0.00	37.29 1.30 0.00	42.03 1.46 0.00	55.02 2.27 0.00	67.97 2.99 0.00	57.98 2.87 0.00	45.71 2.34 0.00	40.52 2.08 0.01	37.05 1.87 0.08	35.30 1.78 0.00	34.23 1.72 0.00	32.45 1.73 0.19	32.75 1.74 0.04	36.27 1.92 0.00	41.49 2.24 0.00	50.99 2.89 0.00	58.17 3.34 0.00	50.24 2.89 0.00	43.50 2.54 0.00	39.59 2.03 0.00	37.44 1.88 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	39.09 1.21 0.00	37.56 1.20 0.00	35.60 1.10 0.00	35.59 1.10 0.00	37.26 1.26 0.00	41.99 1.42 0.00	54.97 2.22 0.00	67.84 2.86 0.00	57.76 2.65 0.00	45.41 2.04 0.00	40.27 1.81 0.00	36.85 1.59 0.00	35.07 1.54 0.00	34.00 1.50 0.00	32.42 1.51 0.00	32.58 1.52 0.00	36.07 1.72 0.00	41.33 2.08 0.00	50.70 2.60 0.00	57.95 3.13 0.00	50.05 2.70 0.00	43.33 2.38 0.00	39.44 1.88 0.00	37.33 1.78 0.00
POLETTI___ 23519	39.43 1.55 0.00	37.86 1.49 0.00	35.84 1.35 0.00	35.83 1.34 0.00	37.51 1.51 0.00	42.27 1.70 0.00	55.28 2.53 0.00	68.30 3.31 0.00	58.42 3.31 0.00	46.10 2.73 0.00	40.98 2.50 -0.02	38.22 2.22 -0.73	35.65 2.11 -0.01	34.55 2.05 0.00	34.92 2.07 -1.95	33.57 2.08 -0.43	36.58 2.23 0.00	41.84 2.59 0.00	51.42 3.32 0.00	58.61 3.78 0.00	50.62 3.27 0.00	43.82 2.87 0.00	39.89 2.33 0.00	37.69 2.13 0.00
POMONA___ESR 323819	38.98 1.10 0.00	37.38 1.02 0.00	35.43 0.93 0.00	35.45 0.96 0.00	37.04 1.04 0.00	41.78 1.22 0.00	54.60 1.85 0.00	67.59 2.60 0.00	57.65 2.54 0.00	45.41 2.04 0.00	40.35 1.88 0.00	36.86 1.59 -0.01	35.04 1.51 0.00	34.00 1.50 0.00	32.44 1.51 -0.02	32.58 1.52 0.00	36.00 1.65 0.00	41.17 1.92 0.00	50.56 2.45 0.00	57.79 2.96 0.00	49.91 2.56 0.00	43.21 2.25 0.00	39.37 1.80 0.00	37.30 1.74 0.00
PORT_JEFF_3 23555	39.73 1.86 0.00	37.86 1.49 0.00	35.94 1.45 0.00	36.11 1.62 0.00	37.65 1.66 0.00	43.28 2.72 0.00	59.53 3.85 -2.93	72.14 4.88 -2.28	59.42 4.30 -0.01	46.46 3.08 -0.01	41.61 3.11 -0.03	37.75 2.43 -0.05	35.61 2.08 0.00	34.68 2.18 0.00	33.45 2.41 -0.13	33.44 2.36 -0.03	36.90 2.54 -0.01	43.14 3.38 -0.51	57.12 4.28 -4.73	59.71 4.88 -0.01	56.45 4.21 -4.88	52.65 3.81 -7.89	40.78 2.97 -0.25	38.18 2.63 0.00

PORT_JEFF_4 23616	39.73 1.86 0.00	37.86 1.49 0.00	35.94 1.45 0.00	36.11 1.62 0.00	37.65 1.66 0.00	43.28 2.72 0.00	59.53 3.85 -2.93	72.14 4.88 -2.28	59.42 4.30 -0.01	46.46 3.08 -0.01	41.61 3.11 -0.03	37.75 2.43 -0.05	35.61 2.08 0.00	34.68 2.18 0.00	33.45 2.41 -0.13	33.44 2.36 -0.03	36.90 2.54 -0.01	43.14 3.38 -0.51	57.12 4.28 -4.73	59.71 4.88 -0.01	56.45 4.21 -4.88	52.65 3.81 -7.89	40.78 2.97 -0.25	38.18 2.63 0.00
PORT_JEFF_IC 23713	39.70 1.82 0.00	37.86 1.49 0.00	35.84 1.35 0.00	35.76 1.28 0.00	37.62 1.62 0.00	42.96 2.39 0.00	59.63 3.96 -2.92	72.19 4.94 -2.27	59.36 4.24 0.00	46.46 3.08 -0.01	41.33 2.85 -0.03	37.86 2.54 -0.05	35.87 2.35 0.00	34.68 2.18 0.00	33.39 2.35 -0.13	33.45 2.36 -0.03	37.17 2.82 0.00	43.17 3.41 -0.51	57.16 4.33 -4.73	59.76 4.93 0.00	56.53 4.31 -4.88	52.73 3.89 -7.88	40.81 3.00 -0.24	38.04 2.49 0.00
PPL_PILGRIM_ST_GT1 24216	40.27 2.39 0.00	38.33 1.96 0.00	36.43 1.93 0.00	36.52 2.03 0.00	38.16 2.16 0.00	43.65 3.08 0.00	60.05 4.38 -2.93	72.91 5.65 -2.28	60.02 4.90 -0.01	47.06 3.68 -0.01	41.69 3.19 -0.04	38.14 2.82 -0.05	36.01 2.48 0.00	34.94 2.44 0.00	33.63 2.60 -0.13	33.66 2.58 -0.03	37.21 2.85 -0.01	43.46 3.69 -0.52	57.51 4.66 -4.73	60.26 5.43 -0.01	56.88 4.64 -4.88	52.90 4.06 -7.89	40.97 3.16 -0.25	38.57 3.02 0.00
PPL_PILGRIM_ST_GT2 24217	40.27 2.39 0.00	38.33 1.96 0.00	36.43 1.93 0.00	36.52 2.03 0.00	38.16 2.16 0.00	43.65 3.08 0.00	60.05 4.38 -2.93	72.91 5.65 -2.28	60.02 4.90 -0.01	47.06 3.68 -0.01	41.69 3.19 -0.04	38.14 2.82 -0.05	36.01 2.48 0.00	34.94 2.44 0.00	33.63 2.60 -0.13	33.66 2.58 -0.03	37.21 2.85 -0.01	43.46 3.69 -0.52	57.51 4.66 -4.73	60.26 5.43 -0.01	56.88 4.64 -4.88	52.90 4.06 -7.89	40.97 3.16 -0.25	38.57 3.02 0.00
PPL_SHRM_GT3 24213	38.94 1.06 0.00	37.09 0.73 0.00	35.22 0.73 0.00	35.56 1.07 0.00	36.93 0.93 0.00	43.00 2.43 0.00	59.16 3.48 -2.93	71.29 4.03 -2.28	58.65 3.53 -0.01	45.55 2.17 -0.01	41.11 2.62 -0.03	37.12 1.80 -0.05	34.83 1.31 0.00	34.16 1.66 0.00	33.20 2.16 -0.13	33.01 1.93 -0.03	36.25 1.89 -0.01	42.67 2.90 -0.52	56.45 3.61 -4.73	58.84 4.00 -0.01	55.88 3.65 -4.88	52.53 3.69 -7.89	40.25 2.44 -0.25	37.61 2.06 0.00
PPL_SHRM_GT4 24214	38.94 1.06 0.00	37.09 0.73 0.00	35.22 0.73 0.00	35.56 1.07 0.00	36.93 0.93 0.00	43.00 2.43 0.00	59.16 3.48 -2.93	71.29 4.03 -2.28	58.65 3.53 -0.01	45.55 2.17 -0.01	41.11 2.62 -0.03	37.12 1.80 -0.05	34.83 1.31 0.00	34.16 1.66 0.00	33.20 2.16 -0.13	33.01 1.93 -0.03	36.25 1.89 -0.01	42.67 2.90 -0.52	56.45 3.61 -4.73	58.84 4.00 -0.01	55.88 3.65 -4.88	52.53 3.69 -7.89	40.25 2.44 -0.25	37.61 2.06 0.00
PROJECT___ORANGE 1 24174	37.23 -0.64 0.00	35.67 -0.69 0.00	33.84 -0.66 0.00	33.83 -0.66 0.00	35.24 -0.76 0.00	39.71 -0.85 0.00	51.33 -1.42 0.00	63.23 -1.75 0.00	53.51 -1.60 0.00	42.20 -1.17 0.00	37.34 -1.12 0.00	34.28 -0.99 0.00	32.55 -0.97 0.00	31.56 -0.94 0.00	29.95 -0.96 0.00	30.12 -0.93 0.00	33.25 -1.10 0.00	37.96 -1.30 0.00	46.42 -1.68 0.00	52.96 -1.86 0.00	45.83 -1.52 0.00	39.56 -1.39 0.00	36.51 -1.05 0.00	34.59 -0.96 0.00
PROJECT___ORANGE 2 24166	37.23 -0.64 0.00	35.67 -0.69 0.00	33.84 -0.66 0.00	33.83 -0.66 0.00	35.24 -0.76 0.00	39.71 -0.85 0.00	51.33 -1.42 0.00	63.23 -1.75 0.00	53.51 -1.60 0.00	42.20 -1.17 0.00	37.34 -1.12 0.00	34.28 -0.99 0.00	32.55 -0.97 0.00	31.56 -0.94 0.00	29.95 -0.96 0.00	30.12 -0.93 0.00	33.25 -1.10 0.00	37.96 -1.30 0.00	46.42 -1.68 0.00	52.96 -1.86 0.00	45.83 -1.52 0.00	39.56 -1.39 0.00	36.51 -1.05 0.00	34.59 -0.96 0.00
PUCKETT___SOLAR 323809	38.52 0.64 0.00	36.87 0.51 0.00	34.98 0.48 0.00	34.93 0.45 0.00	36.43 0.43 0.00	41.05 0.49 0.00	53.44 0.68 0.00	65.83 0.84 0.00	55.44 0.33 0.00	43.50 0.13 0.00	38.27 -0.19 0.00	34.95 -0.32 0.00	33.16 -0.37 0.00	32.11 -0.39 0.00	30.44 -0.46 0.00	30.62 -0.43 0.00	33.94 -0.41 0.00	38.94 -0.32 0.00	47.87 -0.24 0.00	54.72 -0.11 0.00	47.11 -0.24 0.00	40.63 -0.33 0.00	37.38 -0.19 0.00	35.41 -0.14 0.00
PYRITES___HYD 24023	38.67 0.80 0.00	37.31 0.95 0.00	35.43 0.93 0.00	35.38 0.90 0.00	36.90 0.90 0.00	41.58 1.01 0.00	54.44 1.69 0.00	67.39 2.40 0.00	56.54 1.43 0.00	44.15 0.78 0.00	39.08 0.62 0.00	35.69 0.42 0.00	33.90 0.37 0.00	32.83 0.33 0.00	31.15 0.25 0.00	31.34 0.28 0.00	34.83 0.48 0.00	39.96 0.71 0.00	49.16 1.06 0.00	56.03 1.21 0.00	48.25 0.90 0.00	41.57 0.61 0.00	37.94 0.38 0.00	35.80 0.25 0.00
QUAKERRD_115KV_BK1 80622	36.25 -1.63 0.00	34.62 -1.75 0.00	32.74 -1.76 0.00	32.80 -1.69 0.00	34.02 -1.98 0.00	38.46 -2.11 0.00	49.32 -3.43 0.00	60.76 -4.22 0.00	51.36 -3.75 0.00	40.68 -2.69 0.00	35.96 -2.50 0.00	32.83 -2.43 0.00	31.18 -2.35 0.00	30.23 -2.28 0.00	28.65 -2.26 0.00	28.82 -2.24 0.00	31.71 -2.65 0.00	36.15 -3.10 0.00	43.97 -4.14 0.00	50.28 -4.55 0.00	43.42 -3.65 0.29	37.43 -3.36 0.17	34.75 -2.82 0.00	32.82 -2.74 0.00
QUENSBRY_115KV_TB8 356137	38.79 0.91 0.00	37.24 0.87 0.00	35.36 0.86 0.00	35.31 0.83 0.00	37.04 1.04 0.00	41.86 1.30 0.00	54.86 2.11 0.00	67.65 2.66 0.00	57.10 1.98 0.00	44.63 1.26 0.00	40.34 1.88 0.00	36.82 1.55 0.00	34.77 1.24 0.00	33.64 1.14 0.00	31.99 1.08 0.00	32.27 1.21 0.00	35.83 1.48 0.00	41.41 2.16 0.00	51.38 3.27 0.00	58.45 3.62 0.00	50.43 3.08 0.00	43.70 2.74 0.00	39.93 2.37 0.00	37.76 2.20 0.00
RAMAPO___LBMP 323565	38.83 0.95 0.00	37.24 0.87 0.00	35.32 0.83 0.00	35.28 0.79 0.00	36.90 0.90 0.00	41.58 1.01 0.00	54.39 1.64 0.00	67.26 2.27 0.00	57.32 2.20 0.00	45.19 1.82 0.00	40.12 1.65 0.00	36.72 1.45 -0.01	34.90 1.37 0.00	33.84 1.33 0.00	32.28 1.36 -0.02	32.43 1.37 0.00	35.86 1.51 0.00	40.98 1.73 0.00	50.32 2.21 0.00	57.51 2.69 0.00	49.72 2.37 0.00	43.00 2.05 0.00	39.18 1.62 0.00	37.05 1.49 0.00
RANKINE____ 23646	37.58 -0.30 0.00	35.60 -0.76 0.00	33.60 -0.90 0.00	33.69 -0.79 0.00	34.74 -1.26 0.00	39.31 -1.26 0.00	49.74 -3.01 0.00	60.89 -4.09 0.00	51.31 -3.80 0.00	41.16 -2.21 0.00	36.46 -2.00 0.00	33.22 -2.05 0.00	31.48 -2.05 0.00	30.55 -1.95 0.00	28.93 -1.98 0.00	29.04 -2.02 0.00	31.74 -2.61 0.00	35.84 -3.41 0.00	43.20 -4.91 0.00	49.17 -5.65 0.01	40.91 -5.26 1.19	35.75 -4.51 0.70	34.33 -3.23 0.00	32.53 -3.02 0.00
RAVENSWOOD_GT2_1 24244	39.43 1.55 0.00	37.86 1.49 0.00	35.84 1.35 0.00	35.83 1.34 0.00	37.51 1.51 0.00	42.27 1.70 0.00	55.28 2.53 0.00	68.30 3.31 0.00	58.42 3.31 0.00	46.10 2.73 0.00	40.95 2.46 -0.03	38.38 2.22 -0.89	35.65 2.11 -0.02	34.55 2.05 0.00	35.31 2.04 -2.36	33.63 2.05 -0.52	36.62 2.27 0.00	41.88 2.63 0.00	51.42 3.32 0.00	58.61 3.78 0.00	50.62 3.27 0.00	43.82 2.87 0.00	39.89 2.33 0.00	37.69 2.13 0.00



RAVENSWOOD_GT2_2 24245	39.43 1.55 0.00	37.86 1.49 0.00	35.84 1.35 0.00	35.83 1.34 0.00	37.51 1.51 0.00	42.27 1.70 0.00	55.28 2.53 0.00	68.30 3.31 0.00	58.42 3.31 0.00	46.10 2.73 0.00	40.95 2.46 -0.03	38.38 2.22 -0.89	35.65 2.11 -0.02	34.55 2.05 0.00	35.31 2.04 -2.36	33.63 2.05 -0.52	36.62 2.27 0.00	41.88 2.63 0.00	51.42 3.32 0.00	58.61 3.78 0.00	50.62 3.27 0.00	43.82 2.87 0.00	39.89 2.33 0.00	37.69 2.13 0.00
RAVENSWOOD_GT2_3 24246	39.47 1.59 0.00	37.86 1.49 0.00	35.84 1.35 0.00	35.83 1.34 0.00	37.51 1.51 0.00	42.31 1.74 0.00	55.28 2.53 0.00	68.30 3.31 0.00	58.42 3.31 0.00	46.15 2.78 0.00	40.99 2.50 -0.03	38.38 2.22 -0.89	35.65 2.11 -0.02	34.55 2.05 0.00	35.31 2.04 -2.36	33.63 2.05 -0.52	36.62 2.27 0.00	41.88 2.63 0.00	51.47 3.37 0.00	58.67 3.84 0.00	50.62 3.27 0.00	43.82 2.87 0.00	39.89 2.33 0.00	37.69 2.13 0.00
RAVENSWOOD_GT2_4 24247	39.47 1.59 0.00	37.86 1.49 0.00	35.84 1.35 0.00	35.83 1.34 0.00	37.51 1.51 0.00	42.31 1.74 0.00	55.28 2.53 0.00	68.30 3.31 0.00	58.42 3.31 0.00	46.15 2.78 0.00	40.99 2.50 -0.03	38.38 2.22 -0.89	35.65 2.11 -0.02	34.55 2.05 0.00	35.31 2.04 -2.36	33.63 2.05 -0.52	36.62 2.27 0.00	41.88 2.63 0.00	51.47 3.37 0.00	58.67 3.84 0.00	50.62 3.27 0.00	43.82 2.87 0.00	39.89 2.33 0.00	37.69 2.13 0.00
RAVENSWOOD_GT3_1 24248	39.43 1.55 0.00	37.86 1.49 0.00	35.84 1.35 0.00	35.83 1.34 0.00	37.51 1.51 0.00	42.27 1.70 0.00	55.28 2.53 0.00	68.30 3.31 0.00	58.42 3.31 0.00	46.10 2.73 0.00	40.95 2.46 -0.03	38.38 2.22 -0.89	35.65 2.11 -0.02	34.55 2.05 0.00	35.31 2.04 -2.36	33.63 2.05 -0.52	36.62 2.27 0.00	41.88 2.63 0.00	51.42 3.32 0.00	58.61 3.78 0.00	50.62 3.27 0.00	43.82 2.87 0.00	39.89 2.33 0.00	37.69 2.13 0.00
RAVENSWOOD_GT3_2 24249	39.43 1.55 0.00	37.86 1.49 0.00	35.84 1.35 0.00	35.83 1.34 0.00	37.51 1.51 0.00	42.27 1.70 0.00	55.28 2.53 0.00	68.30 3.31 0.00	58.42 3.31 0.00	46.10 2.73 0.00	40.95 2.46 -0.03	38.38 2.22 -0.89	35.65 2.11 -0.02	34.55 2.05 0.00	35.31 2.04 -2.36	33.63 2.05 -0.52	36.62 2.27 0.00	41.88 2.63 0.00	51.42 3.32 0.00	58.61 3.78 0.00	50.62 3.27 0.00	43.82 2.87 0.00	39.89 2.33 0.00	37.69 2.13 0.00
RAVENSWOOD_GT3_3 24250	39.47 1.59 0.00	37.89 1.53 0.00	35.88 1.38 0.00	35.87 1.38 0.00	37.54 1.55 0.00	42.31 1.74 0.00	55.34 2.58 0.00	68.36 3.38 0.00	58.47 3.36 0.00	46.19 2.82 0.00	41.02 2.54 -0.03	38.41 2.26 -0.89	35.69 2.15 -0.02	34.58 2.08 0.00	35.34 2.07 -2.36	33.66 2.08 -0.52	36.65 2.30 0.00	41.92 2.67 0.00	51.52 3.42 0.00	58.72 3.89 0.00	50.66 3.31 0.00	43.86 2.91 0.00	39.93 2.37 0.00	37.72 2.17 0.00
RAVENSWOOD_GT3_4 24251	39.47 1.59 0.00	37.89 1.53 0.00	35.88 1.38 0.00	35.87 1.38 0.00	37.54 1.55 0.00	42.31 1.74 0.00	55.34 2.58 0.00	68.36 3.38 0.00	58.47 3.36 0.00	46.19 2.82 0.00	41.02 2.54 -0.03	38.41 2.26 -0.89	35.69 2.15 -0.02	34.58 2.08 0.00	35.34 2.07 -2.36	33.66 2.08 -0.52	36.65 2.30 0.00	41.92 2.67 0.00	51.52 3.42 0.00	58.72 3.89 0.00	50.66 3.31 0.00	43.86 2.91 0.00	39.93 2.37 0.00	37.72 2.17 0.00
RAVENSWOOD_GT_1 23729	41.93 1.78 -2.27	40.58 1.71 -2.50	38.15 1.55 -2.10	39.00 1.55 -2.96	40.29 1.73 -2.56	44.79 1.91 -2.32	55.54 2.69 -0.10	68.36 3.38 0.00	58.96 3.47 -0.38	48.02 2.95 -1.70	44.57 2.69 -3.42	44.52 2.40 -6.86	41.30 2.28 -5.49	42.72 2.21 -8.00	42.20 2.19 -9.10	41.89 2.24 -8.60	44.12 2.44 -7.33	51.34 2.83 -9.26	59.63 3.51 -8.01	65.78 4.00 -6.95	52.12 3.41 -1.36	46.33 3.03 -2.35	43.33 2.52 -3.25	41.01 2.35 -3.11
RAVENSWOOD_GT_10 24258	39.43 1.55 0.00	37.85 1.49 0.00	35.84 1.35 0.00	35.87 1.34 -0.04	37.51 1.51 0.00	42.22 1.70 0.05	55.28 2.53 0.00	68.30 3.31 0.00	58.42 3.31 0.00	46.10 2.73 0.00	40.86 2.46 0.06	38.10 2.22 -0.61	35.89 2.08 -0.29	34.15 2.05 0.40	35.02 2.04 -2.07	33.23 2.05 -0.13	36.22 2.23 0.37	41.62 2.59 0.22	51.42 3.32 0.00	58.61 3.78 0.00	50.62 3.27 0.00	43.82 2.87 0.00	39.82 2.33 0.07	37.66 2.13 0.03
RAVENSWOOD_GT_11 24259	39.43 1.55 0.00	37.85 1.49 0.00	35.84 1.35 0.00	35.87 1.34 -0.04	37.51 1.51 0.00	42.22 1.70 0.05	55.28 2.53 0.00	68.30 3.31 0.00	58.42 3.31 0.00	46.10 2.73 0.00	40.86 2.46 0.06	38.10 2.22 -0.61	35.89 2.08 -0.29	34.15 2.05 0.40	35.02 2.04 -2.07	33.23 2.05 -0.13	36.22 2.23 0.37	41.62 2.59 0.22	51.42 3.32 0.00	58.61 3.78 0.00	50.62 3.27 0.00	43.82 2.87 0.00	39.82 2.33 0.07	37.66 2.13 0.03
RAVENSWOOD_GT_4 24252	41.11 1.52 -1.72	39.71 1.45 -1.89	37.39 1.31 -1.59	38.05 1.31 -2.26	39.41 1.48 -1.94	43.27 1.66 -1.04	55.36 2.53 -0.07	68.30 3.31 0.00	58.71 3.31 -0.29	47.36 2.69 -1.30	42.11 2.42 -1.22	38.60 2.19 -1.15	39.79 2.08 -4.19	34.52 2.02 -0.01	35.96 2.01 -3.05	33.75 2.02 -0.68	36.59 2.23 -0.01	45.54 2.59 -3.70	57.48 3.27 -6.10	63.90 3.78 -5.29	51.60 3.22 -1.03	45.57 2.83 -1.79	41.32 2.29 -1.47	39.30 2.10 -1.65
RAVENSWOOD_GT_5 24254	41.11 1.52 -1.72	39.71 1.45 -1.89	37.39 1.31 -1.59	38.05 1.31 -2.26	39.41 1.48 -1.94	43.27 1.66 -1.04	55.36 2.53 -0.07	68.30 3.31 0.00	58.71 3.31 -0.29	47.36 2.69 -1.30	42.11 2.42 -1.22	38.60 2.19 -1.15	39.79 2.08 -4.19	34.52 2.02 -0.01	35.96 2.01 -3.05	33.75 2.02 -0.68	36.59 2.23 -0.01	45.54 2.59 -3.70	57.48 3.27 -6.10	63.90 3.78 -5.29	51.60 3.22 -1.03	45.57 2.83 -1.79	41.32 2.29 -1.47	39.30 2.10 -1.65
RAVENSWOOD_GT_6 24253	41.11 1.52 -1.72	39.71 1.45 -1.89	37.39 1.31 -1.59	38.05 1.31 -2.26	39.41 1.48 -1.94	43.27 1.66 -1.04	55.36 2.53 -0.07	68.30 3.31 0.00	58.71 3.31 -0.29	47.36 2.69 -1.30	42.11 2.42 -1.22	38.60 2.19 -1.15	39.79 2.08 -4.19	34.52 2.02 -0.01	35.96 2.01 -3.05	33.75 2.02 -0.68	36.59 2.23 -0.01	45.54 2.59 -3.70	57.48 3.27 -6.10	63.90 3.78 -5.29	51.60 3.22 -1.03	45.57 2.83 -1.79	41.32 2.29 -1.47	39.30 2.10 -1.65
RAVENSWOOD_GT_7 24255	41.11 1.52 -1.72	39.71 1.45 -1.89	37.39 1.31 -1.59	38.05 1.31 -2.26	39.41 1.48 -1.94	43.27 1.66 -1.04	55.36 2.53 -0.07	68.30 3.31 0.00	58.71 3.31 -0.29	47.36 2.69 -1.30	42.11 2.42 -1.22	38.60 2.19 -1.15	39.79 2.08 -4.19	34.52 2.02 -0.01	35.96 2.01 -3.05	33.75 2.02 -0.68	36.59 2.23 -0.01	45.54 2.59 -3.70	57.48 3.27 -6.10	63.90 3.78 -5.29	51.60 3.22 -1.03	45.57 2.83 -1.79	41.32 2.29 -1.47	39.30 2.10 -1.65
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	39.43 1.55 0.00	37.85 1.49 0.00	35.84 1.35 0.00	35.87 1.34 -0.04	37.51 1.51 0.00	42.22 1.70 0.05	55.28 2.53 0.00	68.30 3.31 0.00	58.42 3.31 0.00	46.10 2.73 0.00	40.86 2.46 0.06	38.10 2.22 -0.61	35.89 2.08 -0.29	34.15 2.05 0.40	35.02 2.04 -2.07	33.23 2.05 -0.13	36.22 2.23 0.37	41.62 2.59 0.22	51.42 3.32 0.00	58.61 3.78 0.00	50.62 3.27 0.00	43.82 2.87 0.00	39.82 2.33 0.07	37.66 2.13 0.03

RAVENSWOOD_GT_9 24257	39.43 1.55 0.00	37.85 1.49 0.00	35.84 1.35 0.00	35.87 1.34 -0.04	37.51 1.51 0.00	42.22 1.70 0.05	55.28 2.53 0.00	68.30 3.31 0.00	58.42 3.31 0.00	46.10 2.73 0.00	40.86 2.46 0.06	38.10 2.22 -0.61	35.89 2.08 -0.29	34.15 2.05 0.40	35.02 2.04 -2.07	33.23 2.05 -0.13	36.22 2.23 0.37	41.62 2.59 0.22	51.42 3.32 0.00	58.61 3.78 0.00	50.62 3.27 0.00	43.82 2.87 0.00	39.82 2.33 0.07	37.66 2.13 0.03
RAVENSWOOD___1 23533	39.70 1.82 -0.01	38.05 1.67 -0.01	36.02 1.52 -0.01	36.44 1.59 -0.37	37.70 1.69 -0.01	42.98 1.95 -0.47	55.39 2.64 0.00	68.30 3.31 0.00	58.75 3.64 0.00	46.32 2.95 0.00	42.16 2.77 -0.93	41.32 2.36 -3.69	38.49 2.25 -2.72	38.69 2.21 -3.97	38.37 2.19 -5.27	37.73 2.24 -4.43	40.40 2.40 -3.64	44.27 2.83 -2.19	51.62 3.51 0.00	58.78 3.95 0.00	50.71 3.36 0.00	43.99 3.03 0.00	40.74 2.52 -0.66	38.61 2.42 -0.64
RAVENSWOOD___2 23534	39.67 1.78 -0.01	38.05 1.67 -0.01	36.02 1.52 -0.01	36.41 1.55 -0.37	37.70 1.69 -0.01	42.98 1.95 -0.47	55.39 2.64 0.00	68.30 3.31 0.00	58.75 3.64 0.00	46.32 2.95 0.00	42.12 2.73 -0.93	41.31 2.36 -3.68	38.50 2.25 -2.73	38.67 2.21 -3.96	38.36 2.19 -5.25	37.71 2.24 -4.42	40.38 2.40 -3.63	44.26 2.83 -2.18	51.57 3.47 0.00	58.78 3.95 0.00	50.71 3.36 0.00	43.99 3.03 0.00	40.74 2.52 -0.66	38.61 2.42 -0.64
RAVENSWOOD___3 23535	39.47 1.59 0.00	37.86 1.49 0.00	35.84 1.34 0.00	35.87 1.38 0.00	37.51 1.51 0.00	42.35 1.78 0.00	55.28 2.53 0.00	68.30 3.31 0.00	58.53 3.42 0.00	46.10 2.73 0.00	41.02 2.54 -0.03	38.34 2.19 -0.89	35.62 2.08 -0.02	34.55 2.05 0.00	35.31 2.04 -2.36	33.63 2.05 -0.52	36.58 2.23 0.00	41.88 2.63 0.00	51.42 3.32 0.00	58.61 3.78 0.00	50.57 3.22 0.00	43.82 2.87 0.00	39.89 2.33 0.00	37.79 2.24 0.00
RAVENSWOOD___4 23820	37.44 1.78 2.22	35.59 1.67 2.45	33.96 1.52 2.05	33.86 1.55 2.18	35.18 1.69 2.51	41.16 1.95 1.35	55.29 2.64 0.09	68.30 3.31 0.00	58.32 3.58 0.37	44.60 2.91 1.68	39.67 2.73 1.52	38.18 2.36 -0.55	35.77 2.25 0.00	34.71 2.21 0.01	34.58 2.19 -1.48	33.61 2.24 -0.32	36.75 2.40 0.01	37.26 2.79 4.78	43.68 3.47 7.89	51.93 3.95 6.84	49.37 3.36 1.34	41.63 2.99 2.31	38.18 2.52 1.90	36.18 2.42 1.79
RCPL_TRUST___DRP 24196	39.39 1.52 0.00	37.82 1.45 0.00	35.81 1.31 0.00	35.80 1.31 0.00	37.44 1.44 0.00	42.23 1.66 0.00	55.28 2.53 0.00	68.43 3.44 0.00	58.47 3.36 0.00	46.10 2.73 0.00	40.94 2.46 -0.02	38.05 2.22 -0.56	35.61 2.08 -0.01	34.52 2.02 0.00	34.40 2.01 -1.49	33.43 2.05 -0.33	36.58 2.23 0.00	41.84 2.59 0.00	51.42 3.32 0.00	58.61 3.78 0.00	50.57 3.22 0.00	43.82 2.87 0.00	39.85 2.29 0.00	37.65 2.10 0.00
RED___ROCHESTER 323720	37.20 -0.68 0.00	35.46 -0.91 0.00	33.60 -0.90 0.00	33.56 -0.93 0.00	34.81 -1.19 0.00	39.23 -1.34 0.00	50.54 -2.21 0.00	62.00 -2.99 0.00	52.14 -2.98 0.00	41.59 -1.78 0.00	36.46 -2.00 0.00	33.50 -1.76 0.00	31.78 -1.74 0.00	30.81 -1.69 0.00	29.15 -1.76 0.00	29.35 -1.71 0.00	32.32 -2.03 0.00	36.82 -2.43 0.00	44.69 -3.41 0.00	51.10 -3.73 0.00	44.02 -2.84 0.49	37.93 -2.74 0.29	35.38 -2.18 0.00	33.42 -2.13 0.00
REGAN___SOLAR 323812	40.42 2.54 0.00	38.73 2.36 0.00	36.74 2.24 0.00	36.73 2.24 0.00	38.48 2.48 0.00	43.49 2.92 0.00	56.97 4.22 0.00	70.18 5.20 0.00	59.13 4.02 0.00	45.80 2.43 0.00	40.19 1.73 0.00	36.64 1.37 0.00	34.67 1.14 0.00	33.71 1.20 0.00	32.05 1.14 0.00	32.30 1.24 0.00	35.90 1.55 0.00	41.57 2.32 0.00	51.72 3.61 0.00	59.22 4.39 0.00	51.05 3.70 0.00	44.23 3.28 0.00	40.45 2.89 0.00	38.18 2.63 0.00
RENSSELAER___COGEN 23796	38.86 0.98 0.00	37.31 0.94 0.00	35.39 0.90 0.00	35.38 0.90 0.00	37.00 1.01 0.00	41.74 1.18 0.00	54.44 1.69 0.00	66.93 1.95 0.00	56.88 1.76 0.00	44.67 1.30 0.00	39.61 1.15 0.00	36.32 1.06 0.00	34.53 1.00 0.00	33.48 0.97 0.00	31.87 0.96 0.00	32.05 0.99 0.00	35.45 1.10 0.00	40.62 1.37 0.00	49.93 1.83 0.00	56.91 2.08 0.00	49.19 1.84 0.00	42.68 1.72 0.00	39.03 1.46 0.00	36.94 1.39 0.00
REPUBLIC_115KV_BARTNBRK 55605	40.11 2.23 0.00	38.47 2.11 0.00	36.53 2.04 0.00	36.49 2.00 0.00	38.34 2.34 0.00	43.41 2.84 0.00	57.08 4.33 0.00	70.44 5.46 0.00	59.19 4.08 0.00	46.02 2.65 0.00	41.15 2.69 0.00	37.49 2.22 0.00	35.30 1.78 0.00	34.10 1.59 0.00	32.42 1.51 0.00	32.80 1.74 0.00	36.48 2.13 0.00	42.35 3.10 0.00	52.92 4.81 0.00	60.37 5.54 0.00	51.94 4.59 0.00	45.05 4.10 0.00	41.17 3.61 0.00	38.82 3.27 0.00
REVERE_CPPR_DRP 24186	38.98 1.10 0.00	37.42 1.05 0.00	35.46 0.97 0.00	35.42 0.93 0.00	37.00 1.01 0.00	41.78 1.22 0.00	54.49 1.74 0.00	67.26 2.27 0.00	56.82 1.71 0.00	44.28 0.91 0.00	39.11 0.65 0.00	35.65 0.39 0.00	33.90 0.37 0.00	32.80 0.29 0.00	31.12 0.22 0.00	31.34 0.28 0.00	34.80 0.45 0.00	39.88 0.63 0.00	49.07 0.96 0.00	56.09 1.26 0.00	48.39 1.04 0.00	41.69 0.74 0.00	38.09 0.53 0.00	36.02 0.46 0.00
REYNOLDS_115KV_TB3 80639	38.86 0.98 0.00	37.31 0.95 0.00	35.43 0.93 0.00	35.38 0.90 0.00	37.00 1.01 0.00	41.70 1.14 0.00	54.44 1.69 0.00	66.87 1.88 0.00	56.82 1.71 0.00	44.63 1.26 0.00	39.58 1.12 0.00	36.32 1.06 0.00	34.53 1.01 0.00	33.48 0.98 0.00	31.90 0.99 0.00	32.05 0.99 0.00	35.48 1.13 0.00	40.63 1.37 0.00	49.93 1.83 0.00	56.86 2.03 0.00	49.20 1.85 0.00	42.72 1.76 0.00	39.03 1.46 0.00	36.94 1.39 0.00
RIVERBAY____ 323610	39.74 1.86 -0.01	38.12 1.75 -0.01	36.09 1.59 -0.01	36.05 1.55 -0.01	37.77 1.76 -0.01	42.52 1.95 -0.01	55.39 2.64 0.00	68.23 3.25 0.00	58.47 3.36 0.00	46.23 2.86 0.00	41.05 2.58 -0.01	37.69 2.36 -0.06	35.68 2.15 -0.01	34.54 2.05 0.01	33.09 2.04 -0.14	33.17 2.08 -0.04	36.61 2.27 0.01	41.91 2.67 0.01	51.42 3.32 0.00	58.61 3.78 0.00	50.62 3.27 0.00	43.91 2.95 0.00	40.01 2.44 -0.01	37.84 2.28 -0.01
RIVERSDE_115KV_TB3 55908	38.94 1.06 0.00	37.35 0.98 0.00	35.46 0.97 0.00	35.45 0.97 0.00	37.08 1.08 0.00	41.78 1.22 0.00	54.54 1.79 0.00	67.00 2.01 0.00	56.93 1.82 0.00	44.72 1.34 0.00	39.61 1.15 0.00	36.36 1.09 0.00	34.57 1.04 0.00	33.51 1.01 0.00	31.93 1.02 0.00	32.08 1.02 0.00	35.52 1.17 0.00	40.66 1.41 0.00	50.03 1.92 0.00	56.97 2.14 0.00	49.29 1.94 0.00	42.76 1.80 0.00	39.06 1.50 0.00	36.94 1.39 0.00
ROARING___BROOK_WT_PWR 323790	37.27 -0.61 0.00	35.82 -0.54 0.00	33.98 -0.52 0.00	33.97 -0.52 0.00	35.53 -0.47 0.00	40.12 -0.45 0.00	52.28 -0.48 0.00	64.53 -0.45 0.00	54.78 -0.33 0.00	43.20 -0.17 0.00	38.42 -0.04 0.00	35.27 0.00 0.00	33.53 0.00 0.00	32.47 -0.03 0.00	30.84 -0.06 0.00	30.96 -0.09 0.00	34.25 -0.10 0.00	39.02 -0.23 0.00	47.58 -0.53 0.00	53.84 -0.99 0.00	46.26 -1.09 0.00	39.89 -1.07 0.00	36.47 -1.09 0.00	34.49 -1.07 0.00

ROCHESRG_115KV_T4 355643	36.82 -1.06 0.00	35.13 -1.24 0.00	33.18 -1.31 0.00	33.24 -1.24 0.00	34.45 -1.55 0.00	38.98 -1.58 0.00	49.80 -2.95 0.00	61.21 -3.77 0.00	51.70 -3.42 0.00	41.12 -2.26 0.00	36.34 -2.12 0.00	33.19 -2.08 0.00	31.48 -2.05 0.00	30.55 -1.95 0.00	28.96 -1.95 0.00	29.13 -1.93 0.00	32.02 -2.34 0.00	36.46 -2.79 0.00	44.26 -3.85 0.00	50.55 -4.28 0.00	43.53 -3.31 0.51	37.54 -3.11 0.30	35.01 -2.55 0.00	33.06 -2.49 0.00
ROCHESTER_9_IC 23652	37.01 -0.87 0.00	35.31 -1.05 0.00	33.36 -1.14 0.00	33.42 -1.07 0.00	34.63 -1.37 0.00	39.19 -1.38 0.00	50.11 -2.64 0.00	61.60 -3.38 0.00	52.03 -3.09 0.00	41.38 -2.00 0.00	36.58 -1.88 0.00	33.33 -1.94 0.00	31.65 -1.88 0.00	30.68 -1.82 0.00	29.08 -1.82 0.00	29.29 -1.77 0.00	32.15 -2.20 0.00	36.66 -2.59 0.00	44.50 -3.61 0.00	50.82 -4.00 0.00	43.78 -3.08 0.49	37.76 -2.91 0.29	35.20 -2.37 0.00	33.24 -2.31 0.00
ROCKVIEW_13_KV_LD 356306	39.36 1.48 0.00	37.78 1.42 0.00	35.77 1.28 0.00	35.76 1.28 0.00	37.44 1.44 0.00	42.23 1.66 0.00	55.28 2.53 0.00	68.30 3.31 0.00	58.25 3.14 0.00	45.97 2.60 0.00	40.83 2.35 -0.02	37.43 2.08 -0.09	35.50 1.98 0.00	34.42 1.92 0.00	32.99 1.92 -0.17	33.02 1.93 -0.04	36.48 2.13 0.00	41.72 2.47 0.00	51.28 3.17 0.00	58.56 3.73 0.00	50.52 3.17 0.00	43.74 2.79 0.00	39.78 2.22 0.00	37.58 2.03 0.00
ROME____115KV_TB2 80656	38.98 1.10 0.00	37.42 1.05 0.00	35.46 0.97 0.00	35.42 0.93 0.00	37.00 1.01 0.00	41.78 1.22 0.00	54.49 1.74 0.00	67.26 2.27 0.00	56.82 1.71 0.00	44.28 0.91 0.00	39.11 0.65 0.00	35.65 0.39 0.00	33.90 0.37 0.00	32.80 0.29 0.00	31.12 0.22 0.00	31.34 0.28 0.00	34.80 0.45 0.00	39.88 0.63 0.00	49.07 0.96 0.00	56.09 1.26 0.00	48.39 1.04 0.00	41.69 0.74 0.00	38.09 0.53 0.00	36.02 0.46 0.00
ROSETON___1 23587	38.90 1.02 0.00	37.35 0.98 0.00	35.39 0.90 0.00	35.38 0.90 0.00	37.00 1.01 0.00	41.74 1.18 0.00	54.49 1.74 0.00	67.26 2.27 0.00	57.43 2.31 0.00	45.19 1.82 0.00	40.15 1.69 0.00	36.71 1.45 0.00	34.90 1.38 0.00	33.87 1.36 0.00	32.29 1.39 0.01	32.45 1.40 0.00	35.86 1.51 0.00	41.06 1.81 0.00	50.41 2.31 0.00	57.51 2.69 0.00	49.67 2.32 0.00	43.04 2.09 0.00	39.21 1.65 0.00	37.19 1.64 0.00
ROSETON___2 23588	38.90 1.02 0.00	37.35 0.98 0.00	35.39 0.90 0.00	35.38 0.90 0.00	37.00 1.01 0.00	41.74 1.18 0.00	54.49 1.74 0.00	67.26 2.27 0.00	57.43 2.31 0.00	45.19 1.82 0.00	40.15 1.69 0.00	36.71 1.45 0.00	34.90 1.38 0.00	33.87 1.36 0.00	32.29 1.39 0.01	32.45 1.40 0.00	35.86 1.51 0.00	41.06 1.81 0.00	50.41 2.31 0.00	57.51 2.69 0.00	49.67 2.32 0.00	43.04 2.09 0.00	39.21 1.65 0.00	37.19 1.64 0.00
ROTRRDAM_115KV_TB3 80664	38.64 0.76 0.00	37.09 0.73 0.00	35.19 0.69 0.00	35.18 0.69 0.00	36.79 0.79 0.00	41.46 0.89 0.00	54.12 1.37 0.00	66.61 1.62 0.00	56.49 1.38 0.00	44.33 0.95 0.00	39.34 0.88 0.00	36.04 0.78 0.00	34.23 0.70 0.00	33.19 0.68 0.00	31.59 0.68 0.00	31.77 0.71 0.00	35.18 0.82 0.00	40.31 1.06 0.00	49.65 1.54 0.00	56.64 1.81 0.00	48.91 1.56 0.00	42.39 1.43 0.00	38.76 1.20 0.00	36.66 1.10 0.00
RUSSELL___1 23602	37.20 -0.68 0.00	35.46 -0.91 0.00	33.49 -1.00 0.00	33.56 -0.93 0.00	34.77 -1.22 0.00	39.35 -1.22 0.00	50.32 -2.43 0.00	61.99 -2.99 0.00	52.36 -2.76 0.00	41.59 -1.78 0.00	36.73 -1.73 0.00	33.47 -1.80 0.00	31.78 -1.74 0.00	30.81 -1.69 0.00	29.18 -1.73 0.00	29.41 -1.65 0.00	32.29 -2.06 0.00	36.82 -2.43 0.00	44.69 -3.42 0.00	51.10 -3.73 0.00	44.02 -2.84 0.49	37.93 -2.74 0.29	35.35 -2.22 0.00	33.35 -2.20 0.00
RUSSELL___2 23532	37.20 -0.68 0.00	35.46 -0.91 0.00	33.49 -1.00 0.00	33.56 -0.93 0.00	34.77 -1.22 0.00	39.35 -1.22 0.00	50.32 -2.43 0.00	61.99 -2.99 0.00	52.36 -2.76 0.00	41.59 -1.78 0.00	36.73 -1.73 0.00	33.47 -1.80 0.00	31.78 -1.74 0.00	30.81 -1.69 0.00	29.18 -1.73 0.00	29.41 -1.65 0.00	32.29 -2.06 0.00	36.82 -2.43 0.00	44.69 -3.42 0.00	51.10 -3.73 0.00	44.02 -2.84 0.49	37.93 -2.74 0.29	35.35 -2.22 0.00	33.35 -2.20 0.00
RUSSELL___3 23549	37.20 -0.68 0.00	35.46 -0.91 0.00	33.49 -1.00 0.00	33.56 -0.93 0.00	34.77 -1.22 0.00	39.35 -1.22 0.00	50.32 -2.43 0.00	61.99 -2.99 0.00	52.36 -2.76 0.00	41.59 -1.78 0.00	36.73 -1.73 0.00	33.47 -1.80 0.00	31.78 -1.74 0.00	30.81 -1.69 0.00	29.18 -1.73 0.00	29.41 -1.65 0.00	32.29 -2.06 0.00	36.82 -2.43 0.00	44.69 -3.42 0.00	51.10 -3.73 0.00	44.02 -2.84 0.49	37.93 -2.74 0.29	35.35 -2.22 0.00	33.35 -2.20 0.00
RUSSELL___4 23556	37.20 -0.68 0.00	35.46 -0.91 0.00	33.49 -1.00 0.00	33.56 -0.93 0.00	34.77 -1.22 0.00	39.35 -1.22 0.00	50.32 -2.43 0.00	61.99 -2.99 0.00	52.36 -2.76 0.00	41.59 -1.78 0.00	36.73 -1.73 0.00	33.47 -1.80 0.00	31.78 -1.74 0.00	30.81 -1.69 0.00	29.18 -1.73 0.00	29.41 -1.65 0.00	32.29 -2.06 0.00	36.82 -2.43 0.00	44.69 -3.42 0.00	51.10 -3.73 0.00	44.02 -2.84 0.49	37.93 -2.74 0.29	35.35 -2.22 0.00	33.35 -2.20 0.00
RUSSELL___STATION 23914	37.20 -0.68 0.00	35.46 -0.91 0.00	33.49 -1.00 0.00	33.56 -0.93 0.00	34.77 -1.22 0.00	39.35 -1.22 0.00	50.32 -2.43 0.00	61.99 -2.99 0.00	52.36 -2.76 0.00	41.59 -1.78 0.00	36.73 -1.73 0.00	33.47 -1.80 0.00	31.78 -1.74 0.00	30.81 -1.69 0.00	29.18 -1.73 0.00	29.41 -1.65 0.00	32.29 -2.06 0.00	36.82 -2.43 0.00	44.69 -3.42 0.00	51.10 -3.73 0.00	44.02 -2.84 0.49	37.93 -2.74 0.29	35.35 -2.22 0.00	33.35 -2.20 0.00
S SALMON___HYD 24043	37.20 -0.68 0.00	35.71 -0.65 0.00	33.88 -0.62 0.00	33.83 -0.66 0.00	35.28 -0.72 0.00	39.75 -0.81 0.00	51.54 -1.21 0.00	63.42 -1.56 0.00	53.51 -1.60 0.00	41.94 -1.43 0.00	37.04 -1.42 0.00	33.96 -1.30 0.00	32.25 -1.27 0.00	31.23 -1.27 0.00	29.64 -1.27 0.00	29.84 -1.21 0.00	33.05 -1.31 0.00	37.80 -1.45 0.00	46.38 -1.73 0.00	53.02 -1.81 0.00	45.83 -1.52 0.00	39.61 -1.35 0.00	36.36 -1.20 0.00	34.38 -1.17 0.00
S.PERRY__115KV_TB1 80734	38.33 0.45 0.00	36.55 0.18 0.00	34.50 0.00 0.00	34.56 0.07 0.00	35.85 -0.14 0.00	40.57 0.00 0.00	52.07 -0.69 0.00	64.01 -0.97 0.00	53.35 -1.76 0.00	42.03 -1.34 0.00	36.92 -1.54 0.00	33.57 -1.69 0.00	31.85 -1.68 0.00	30.81 -1.69 0.00	29.18 -1.73 0.00	29.38 -1.68 0.00	32.39 -1.96 0.00	37.21 -2.04 0.00	45.51 -2.60 0.00	52.29 -2.58 -0.04	48.01 -2.13 -2.79	40.38 -2.25 -1.68	35.80 -1.77 0.00	33.74 -1.81 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	37.01 -0.87 0.00	35.06 -1.31 0.00	33.05 -1.45 0.00	33.18 -1.31 0.00	34.20 -1.80 0.00	38.70 -1.87 0.00	48.90 -3.85 0.00	59.78 -5.20 0.00	50.43 -4.68 0.00	40.51 -2.86 0.00	35.88 -2.58 0.00	32.69 -2.57 0.00	30.98 -2.55 0.00	30.10 -2.41 0.00	28.50 -2.41 0.00	28.63 -2.42 0.00	31.33 -3.02 0.00	35.37 -3.89 0.00	42.62 -5.48 0.00	48.46 -6.36 0.01	40.59 -5.49 1.26	35.46 -4.75 0.75	33.96 -3.61 0.00	32.10 -3.45 0.00

SAWYER___23_KV_LOAD 55526	37.01 -0.87 0.00	35.06 -1.31 0.00	33.05 -1.45 0.00	33.18 -1.31 0.00	34.20 -1.80 0.00	38.70 -1.87 0.00	48.90 -3.85 0.00	59.78 -5.20 0.00	50.43 -4.68 0.00	40.51 -2.86 0.00	35.88 -2.58 0.00	32.69 -2.57 0.00	30.98 -2.55 0.00	30.10 -2.41 0.00	28.50 -2.41 0.00	28.63 -2.42 0.00	31.33 -3.02 0.00	35.37 -3.89 0.00	42.62 -5.48 0.00	48.46 -6.36 0.01	40.59 -5.49 1.26	35.46 -4.75 0.75	33.96 -3.61 0.00	32.10 -3.45 0.00
SELKIRK___I 23801	38.90 1.02 0.00	37.35 0.98 0.00	35.43 0.93 0.00	35.45 0.96 0.00	37.04 1.04 0.00	41.78 1.22 0.00	54.49 1.74 0.00	66.93 1.95 0.00	56.71 1.60 0.00	44.41 1.04 0.00	39.35 0.89 0.00	36.01 0.74 0.00	34.23 0.71 0.00	33.19 0.68 0.00	31.62 0.71 0.00	31.80 0.74 0.00	35.21 0.86 0.00	40.43 1.18 0.00	49.79 1.68 0.00	56.80 1.97 0.00	49.10 1.75 0.00	42.55 1.60 0.00	38.95 1.39 0.00	36.90 1.35 0.00
SELKIRK___II 23799	38.75 0.87 0.00	37.20 0.84 0.00	35.25 0.76 0.00	35.28 0.79 0.00	36.86 0.86 0.00	41.58 1.01 0.00	54.18 1.42 0.00	66.61 1.63 0.00	56.60 1.49 0.00	44.50 1.13 0.00	39.46 1.00 0.00	36.18 0.92 0.00	34.40 0.87 0.00	33.35 0.84 0.00	31.77 0.86 0.00	31.92 0.87 0.00	35.31 0.96 0.00	40.47 1.22 0.00	49.74 1.64 0.00	56.69 1.87 0.00	49.01 1.66 0.00	42.47 1.52 0.00	38.84 1.28 0.00	36.80 1.24 0.00
SENECA OSWGO___HYD 24041	36.78 -1.10 0.00	35.27 -1.09 0.00	33.49 -1.00 0.00	33.45 -1.03 0.00	34.88 -1.12 0.00	39.27 -1.30 0.00	50.80 -1.95 0.00	62.51 -2.47 0.00	52.85 -2.26 0.00	41.63 -1.74 0.00	36.85 -1.61 0.00	33.85 -1.41 0.00	32.18 -1.34 0.00	31.20 -1.30 0.00	29.61 -1.30 0.00	29.75 -1.30 0.00	32.91 -1.44 0.00	37.53 -1.73 0.00	45.94 -2.16 0.00	52.47 -2.36 0.00	45.36 -1.99 0.00	39.20 -1.76 0.00	36.14 -1.43 0.00	34.24 -1.31 0.00
SENECA___115KV_TB3 355854	37.65 -0.23 0.00	35.67 -0.69 0.00	33.63 -0.86 0.00	33.76 -0.72 0.00	34.81 -1.19 0.00	39.39 -1.18 0.00	49.85 -2.90 0.00	61.02 -3.96 0.00	51.42 -3.69 0.00	41.25 -2.13 0.00	36.54 -1.92 0.00	33.29 -1.97 0.00	31.51 -2.01 0.00	30.62 -1.89 0.00	28.99 -1.92 0.00	29.10 -1.96 0.00	31.81 -2.54 0.00	35.92 -3.34 0.00	43.30 -4.81 0.00	49.23 -5.59 0.01	40.95 -5.21 1.19	35.83 -4.42 0.70	34.37 -3.19 0.00	32.57 -2.99 0.00
SENECA___ENERGY 23797	37.43 -0.45 0.00	35.82 -0.54 0.00	33.98 -0.52 0.00	33.93 -0.55 0.00	35.35 -0.65 0.00	39.84 -0.73 0.00	51.64 -1.11 0.00	63.36 -1.62 0.00	53.51 -1.60 0.00	42.20 -1.17 0.00	37.15 -1.31 0.00	34.10 -1.16 0.00	32.35 -1.17 0.00	31.33 -1.17 0.00	29.70 -1.21 0.00	29.84 -1.21 0.00	32.98 -1.38 0.00	37.68 -1.57 0.00	46.09 -2.02 0.00	52.69 -2.14 0.00	45.67 -1.80 -0.12	39.27 -1.76 -0.08	36.21 -1.35 0.00	34.24 -1.31 0.00
SHOEMAKER___GT 23640	38.75 0.87 0.00	37.16 0.80 0.00	35.22 0.73 0.00	35.21 0.73 0.00	36.82 0.83 0.00	41.54 0.97 0.00	54.18 1.42 0.00	66.93 1.95 0.00	56.93 1.82 0.00	44.85 1.48 0.00	39.81 1.35 0.00	36.37 1.09 0.00	34.60 1.07 0.00	33.54 1.04 0.00	32.00 1.08 -0.01	32.14 1.09 0.00	35.55 1.20 0.00	40.70 1.45 0.00	49.93 1.83 0.00	57.08 2.25 0.00	49.29 1.94 0.00	42.64 1.68 0.00	38.91 1.35 0.00	36.87 1.32 0.00
SHOEMAKR_138KV_BK 111 55601	38.71 0.83 0.00	37.13 0.76 0.00	35.22 0.72 0.00	35.18 0.69 0.00	36.82 0.83 0.00	41.46 0.89 0.00	54.18 1.42 0.00	66.93 1.95 0.00	56.93 1.82 0.00	44.85 1.47 0.00	39.77 1.31 0.00	36.40 1.13 0.00	34.60 1.07 0.00	33.58 1.07 0.00	32.00 1.08 -0.01	32.15 1.09 0.00	35.55 1.20 0.00	40.70 1.45 0.00	49.93 1.83 0.00	57.08 2.25 0.00	49.29 1.94 0.00	42.68 1.72 0.00	38.91 1.35 0.00	36.80 1.24 0.00
SHOREHAM_IC_1 23715	38.94 1.06 0.00	37.09 0.73 0.00	35.22 0.73 0.00	35.56 1.07 0.00	36.93 0.93 0.00	43.00 2.43 0.00	59.16 3.48 -2.93	71.29 4.03 -2.28	58.65 3.53 -0.01	45.55 2.17 -0.01	41.11 2.62 -0.03	37.12 1.80 -0.05	34.83 1.31 0.00	34.16 1.66 0.00	33.20 2.16 -0.13	33.01 1.93 -0.03	36.25 1.89 -0.01	42.67 2.90 -0.52	56.45 3.61 -4.73	58.84 4.00 -0.01	55.88 3.65 -4.88	52.53 3.69 -7.89	40.25 2.44 -0.25	37.61 2.06 0.00
SHOREHAM_IC_2 23716	38.94 1.06 0.00	37.09 0.73 0.00	35.22 0.73 0.00	35.56 1.07 0.00	36.93 0.93 0.00	43.00 2.43 0.00	59.16 3.48 -2.93	71.29 4.03 -2.28	58.65 3.53 -0.01	45.55 2.17 -0.01	41.11 2.62 -0.03	37.12 1.80 -0.05	34.83 1.31 0.00	34.16 1.66 0.00	33.20 2.16 -0.13	33.01 1.93 -0.03	36.25 1.89 -0.01	42.67 2.90 -0.52	56.45 3.61 -4.73	58.84 4.00 -0.01	55.88 3.65 -4.88	52.53 3.69 -7.89	40.25 2.44 -0.25	37.61 2.06 0.00
SISSONVILLE___ 23735	37.92 0.04 0.00	36.58 0.22 0.00	34.74 0.24 0.00	34.73 0.24 0.00	36.18 0.18 0.00	40.77 0.20 0.00	53.33 0.58 0.00	66.09 1.10 0.00	55.61 0.50 0.00	43.54 0.17 0.00	38.58 0.12 0.00	35.27 0.00 0.00	33.49 -0.03 0.00	32.44 -0.07 0.00	30.81 -0.09 0.00	30.96 -0.09 0.00	34.35 0.00 0.00	39.37 0.12 0.00	48.25 0.14 0.00	54.94 0.11 0.00	47.30 -0.05 0.00	40.79 -0.16 0.00	37.26 -0.30 0.00	35.16 -0.39 0.00
SITHE_IND_GS1 24169	36.59 -1.29 0.00	35.09 -1.27 0.00	33.32 -1.17 0.00	33.28 -1.21 0.00	34.70 -1.29 0.00	39.07 -1.50 0.00	50.43 -2.32 0.00	62.00 -2.99 0.00	52.47 -2.64 0.00	41.38 -1.99 0.00	36.65 -1.81 0.00	33.75 -1.52 0.00	32.09 -1.44 0.00	31.11 -1.40 0.00	29.52 -1.39 0.00	29.69 -1.37 0.00	32.81 -1.55 0.00	37.33 -1.92 0.00	45.65 -2.45 0.00	52.09 -2.74 0.00	45.03 -2.32 0.00	38.95 -2.01 0.00	35.95 -1.61 0.00	34.06 -1.49 0.00
SITHE_IND_GS2 24170	36.59 -1.29 0.00	35.09 -1.27 0.00	33.32 -1.17 0.00	33.28 -1.21 0.00	34.70 -1.29 0.00	39.07 -1.50 0.00	50.43 -2.32 0.00	62.00 -2.99 0.00	52.47 -2.64 0.00	41.38 -1.99 0.00	36.65 -1.81 0.00	33.75 -1.52 0.00	32.09 -1.44 0.00	31.11 -1.40 0.00	29.52 -1.39 0.00	29.69 -1.37 0.00	32.81 -1.55 0.00	37.33 -1.92 0.00	45.65 -2.45 0.00	52.09 -2.74 0.00	45.03 -2.32 0.00	38.95 -2.01 0.00	35.95 -1.61 0.00	34.06 -1.49 0.00
SITHE_IND_GS3 24171	36.59 -1.29 0.00	35.09 -1.27 0.00	33.32 -1.17 0.00	33.28 -1.21 0.00	34.70 -1.29 0.00	39.07 -1.50 0.00	50.43 -2.32 0.00	62.00 -2.99 0.00	52.47 -2.64 0.00	41.38 -1.99 0.00	36.65 -1.81 0.00	33.75 -1.52 0.00	32.09 -1.44 0.00	31.11 -1.40 0.00	29.52 -1.39 0.00	29.69 -1.37 0.00	32.81 -1.55 0.00	37.33 -1.92 0.00	45.65 -2.45 0.00	52.09 -2.74 0.00	45.03 -2.32 0.00	38.95 -2.01 0.00	35.95 -1.61 0.00	34.06 -1.49 0.00
SITHE_IND_GS4 24172	36.59 -1.29 0.00	35.09 -1.27 0.00	33.32 -1.17 0.00	33.28 -1.21 0.00	34.70 -1.29 0.00	39.07 -1.50 0.00	50.43 -2.32 0.00	62.00 -2.99 0.00	52.47 -2.64 0.00	41.38 -1.99 0.00	36.65 -1.81 0.00	33.75 -1.52 0.00	32.09 -1.44 0.00	31.11 -1.40 0.00	29.52 -1.39 0.00	29.69 -1.37 0.00	32.81 -1.55 0.00	37.33 -1.92 0.00	45.65 -2.45 0.00	52.09 -2.74 0.00	45.03 -2.32 0.00	38.95 -2.01 0.00	35.95 -1.61 0.00	34.06 -1.49 0.00

SITHE___BATAVIA 24024	37.65 -0.23 0.00	35.78 -0.58 0.00	33.94 -0.55 0.00	33.87 -0.62 0.00	35.06 -0.94 0.00	39.51 -1.05 0.00	50.85 -1.90 0.00	62.13 -2.86 0.00	51.97 -3.14 0.00	41.68 -1.69 0.00	36.27 -2.19 0.00	33.33 -1.94 0.00	31.55 -1.98 0.00	30.59 -1.92 0.00	28.87 -2.04 0.00	29.07 -1.99 0.00	32.01 -2.34 0.00	36.43 -2.83 0.00	44.06 -4.04 0.00	50.49 -4.33 0.01	42.78 -3.55 1.02	37.04 -3.32 0.60	35.01 -2.56 0.00	33.06 -2.49 0.00
SITHE___INDEPEND 23800	36.59 -1.29 0.00	35.09 -1.27 0.00	33.29 -1.21 0.00	33.28 -1.21 0.00	34.66 -1.33 0.00	39.06 -1.50 0.00	50.38 -2.37 0.00	61.99 -2.99 0.00	52.52 -2.59 0.00	41.38 -2.00 0.00	36.69 -1.77 0.00	33.75 -1.52 0.00	32.05 -1.48 0.00	31.11 -1.40 0.00	29.55 -1.36 0.00	29.69 -1.37 0.00	32.81 -1.55 0.00	37.33 -1.92 0.00	45.65 -2.45 0.00	52.09 -2.74 0.00	45.03 -2.32 0.00	38.95 -2.01 0.00	35.98 -1.58 0.00	34.13 -1.42 0.00
SITHE___MASSENA 23902	38.37 0.49 0.00	36.94 0.58 0.00	35.08 0.59 0.00	35.11 0.62 0.00	36.57 0.57 0.00	41.18 0.61 0.00	53.75 1.00 0.00	66.48 1.50 0.00	56.11 0.99 0.00	44.06 0.69 0.00	39.07 0.61 0.00	35.76 0.49 0.00	34.00 0.47 0.00	32.96 0.45 0.00	31.28 0.37 0.00	31.46 0.40 0.00	34.83 0.48 0.00	39.84 0.59 0.00	48.83 0.72 0.00	55.54 0.71 0.00	47.82 0.47 0.00	41.28 0.33 0.00	37.83 0.26 0.00	35.73 0.18 0.00
SITHE___OGDNSBRG 24021	38.75 0.87 0.00	37.38 1.02 0.00	35.46 0.97 0.00	35.45 0.97 0.00	36.97 0.97 0.00	41.66 1.10 0.00	54.49 1.74 0.00	67.39 2.40 0.00	56.60 1.49 0.00	44.24 0.87 0.00	39.15 0.69 0.00	35.80 0.53 0.00	34.00 0.47 0.00	32.93 0.42 0.00	31.28 0.37 0.00	31.46 0.40 0.00	34.94 0.58 0.00	40.08 0.82 0.00	49.26 1.15 0.00	56.20 1.37 0.00	48.39 1.04 0.00	41.69 0.74 0.00	38.09 0.53 0.00	35.94 0.39 0.00
SITHE___STERLING 23777	38.64 0.76 0.00	37.09 0.73 0.00	35.15 0.65 0.00	35.14 0.65 0.00	36.68 0.68 0.00	41.38 0.81 0.00	53.91 1.16 0.00	66.48 1.50 0.00	56.21 1.10 0.00	43.93 0.56 0.00	38.81 0.35 0.00	35.48 0.21 0.00	33.69 0.17 0.00	32.63 0.13 0.00	30.97 0.06 0.00	31.18 0.12 0.00	34.56 0.21 0.00	39.60 0.35 0.00	48.69 0.58 0.00	55.59 0.77 0.00	48.01 0.66 0.00	41.41 0.45 0.00	37.90 0.34 0.00	35.84 0.28 0.00
SLEIGHT__34_KV_TB1 80719	36.97 -0.91 0.00	35.35 -1.02 0.00	33.43 -1.07 0.00	33.45 -1.03 0.00	34.77 -1.22 0.00	39.31 -1.26 0.00	50.59 -2.16 0.00	62.45 -2.53 0.00	52.74 -2.37 0.00	41.68 -1.69 0.00	36.81 -1.65 0.00	33.61 -1.66 0.00	31.88 -1.64 0.00	30.91 -1.59 0.00	29.27 -1.64 0.00	29.47 -1.58 0.00	32.43 -1.92 0.00	37.05 -2.20 0.00	45.17 -2.93 0.00	51.65 -3.18 0.00	44.62 -2.56 0.17	38.40 -2.46 0.10	35.57 -1.99 0.00	33.60 -1.96 0.00
SOUTH CAIRO___GT 23612	39.96 2.08 0.00	38.33 1.96 0.00	36.39 1.90 0.00	36.35 1.86 0.00	38.12 2.12 0.00	43.08 2.52 0.00	57.29 4.54 0.00	70.51 5.52 0.00	59.02 3.91 0.00	45.80 2.43 0.00	40.11 1.65 0.00	36.68 1.41 0.00	34.80 1.27 0.00	33.77 1.27 0.00	32.20 1.30 0.00	32.48 1.43 0.00	36.17 1.82 0.00	41.49 2.24 0.00	51.14 3.03 0.00	58.72 3.89 0.00	50.66 3.31 0.00	43.78 2.83 0.00	40.00 2.44 0.00	37.86 2.31 0.00
SOUTH HAMPTN___IC 23720	39.47 1.59 0.00	37.60 1.24 0.00	35.74 1.24 0.00	35.97 1.48 0.00	37.36 1.37 0.00	43.40 2.84 0.00	59.69 4.01 -2.93	72.14 4.88 -2.28	59.42 4.30 -0.01	46.28 2.91 -0.01	41.65 3.15 -0.03	37.61 2.29 -0.05	35.34 1.81 0.00	34.65 2.14 0.00	33.63 2.60 -0.13	33.54 2.45 -0.03	36.87 2.51 -0.01	43.38 3.61 -0.51	57.36 4.52 -4.73	59.94 5.10 -0.01	56.73 4.50 -4.88	53.18 4.34 -7.89	41.00 3.19 -0.25	38.33 2.77 0.00
SOUTHDOW_115KV_TB1 355954	39.39 1.52 0.00	37.35 0.98 0.00	35.19 0.69 0.00	35.11 0.62 0.00	36.14 0.14 0.00	40.85 0.28 0.00	52.17 -0.58 0.00	64.14 -0.84 0.00	53.68 -1.43 0.00	43.07 -0.30 0.00	38.11 -0.35 0.00	34.74 -0.53 0.00	32.89 -0.64 0.00	31.85 -0.65 0.00	30.07 -0.83 0.00	30.09 -0.96 0.00	32.84 -1.51 0.00	37.01 -2.24 0.00	44.45 -3.66 0.00	50.50 -4.33 0.00	41.86 -4.83 0.66	36.39 -4.18 0.38	34.67 -2.89 0.00	32.92 -2.63 0.00
SOUTHOLD_69_KV_BK 2 55809	39.55 1.67 0.00	37.75 1.38 0.00	35.74 1.24 0.00	35.56 1.07 0.00	37.29 1.30 0.00	42.84 2.27 0.00	59.73 4.06 -2.92	72.32 5.07 -2.27	59.52 4.41 0.00	46.46 3.08 -0.01	41.45 2.96 -0.02	37.86 2.54 -0.05	35.91 2.38 0.00	34.84 2.34 0.00	33.73 2.69 -0.13	33.76 2.67 -0.03	37.58 3.23 0.00	43.72 3.96 -0.51	57.84 5.00 -4.73	60.47 5.65 0.00	57.20 4.97 -4.88	53.54 4.71 -7.88	41.56 3.76 -0.24	38.54 2.99 0.00
SOUTHOLD___IC 23719	39.62 1.74 0.00	37.78 1.42 0.00	35.84 1.34 0.00	36.00 1.52 0.00	37.40 1.40 0.00	43.40 2.84 0.00	59.69 4.01 -2.93	72.33 5.07 -2.28	59.64 4.52 -0.01	46.46 3.08 -0.01	41.76 3.27 -0.03	37.72 2.40 -0.05	35.47 1.94 0.00	34.84 2.34 0.00	33.85 2.81 -0.13	33.79 2.70 -0.03	37.18 2.82 -0.01	43.73 3.96 -0.51	57.84 5.00 -4.73	60.48 5.65 -0.01	57.20 4.97 -4.88	53.51 4.67 -7.89	41.42 3.61 -0.25	38.72 3.16 0.00
SOUTH_FORK_WT_PWR 323839	39.43 1.55 0.00	37.64 1.27 0.00	35.70 1.21 0.00	35.80 1.31 0.00	37.15 1.15 0.00	43.08 2.52 0.00	59.32 3.64 -2.93	71.88 4.61 -2.28	59.31 4.19 -0.01	46.24 2.86 -0.01	41.57 3.08 -0.03	37.58 2.26 -0.05	35.37 1.84 0.00	34.78 2.27 0.00	33.82 2.78 -0.13	33.79 2.70 -0.03	37.18 2.82 -0.01	43.77 4.01 -0.51	57.80 4.96 -4.73	60.37 5.54 -0.01	57.11 4.88 -4.88	53.51 4.67 -7.89	41.42 3.61 -0.25	38.75 3.20 0.00
SPIERFLS_115KV_TB 1 80737	38.52 0.64 0.00	37.02 0.65 0.00	35.12 0.62 0.00	35.11 0.62 0.00	36.79 0.79 0.00	41.58 1.01 0.00	54.49 1.74 0.00	67.13 2.14 0.00	56.71 1.60 0.00	44.37 1.00 0.00	40.19 1.73 0.00	36.71 1.45 0.00	34.67 1.14 0.00	33.54 1.04 0.00	31.90 0.99 0.00	32.17 1.12 0.00	35.73 1.37 0.00	41.25 2.00 0.00	51.14 3.03 0.00	58.17 3.34 0.00	50.19 2.84 0.00	43.54 2.58 0.00	39.78 2.22 0.00	37.62 2.06 0.00
ST LAWRENCE____ 23600	37.99 0.11 0.00	36.58 0.22 0.00	34.70 0.21 0.00	34.73 0.24 0.00	36.21 0.22 0.00	40.81 0.24 0.00	53.17 0.42 0.00	65.70 0.72 0.00	55.55 0.44 0.00	43.72 0.35 0.00	38.77 0.31 0.00	35.51 0.25 0.00	33.76 0.24 0.00	32.73 0.23 0.00	31.09 0.19 0.00	31.24 0.19 0.00	34.59 0.24 0.00	39.53 0.28 0.00	48.44 0.34 0.00	55.05 0.22 0.00	47.44 0.09 0.00	41.00 0.04 0.00	37.56 0.00 0.00	35.48 -0.07 0.00
STATE_CA_115KV_115_LB 55624	39.05 1.17 0.00	37.46 1.09 0.00	35.56 1.07 0.00	35.52 1.03 0.00	37.18 1.19 0.00	41.90 1.34 0.00	54.70 1.95 0.00	67.26 2.27 0.00	57.15 2.04 0.00	44.89 1.52 0.00	39.73 1.27 0.00	36.47 1.20 0.00	34.63 1.11 0.00	33.58 1.07 0.00	31.96 1.05 0.00	32.14 1.09 0.00	35.59 1.24 0.00	40.78 1.53 0.00	50.13 2.02 0.00	57.13 2.30 0.00	49.39 2.04 0.00	42.84 1.88 0.00	39.18 1.62 0.00	37.05 1.49 0.00

STATE_ST_34_KV_LOAD 55959	37.61 -0.27 0.00	36.00 -0.36 0.00	34.12 -0.38 0.00	34.14 -0.34 0.00	35.56 -0.43 0.00	40.12 -0.45 0.00	51.91 -0.84 0.00	64.01 -0.97 0.00	54.18 -0.94 0.00	42.59 -0.78 0.00	37.69 -0.77 0.00	34.49 -0.78 0.00	32.76 -0.77 0.00	31.72 -0.78 0.00	30.10 -0.80 0.00	30.28 -0.78 0.00	33.42 -0.93 0.00	38.23 -1.02 0.00	46.81 -1.30 0.00	53.46 -1.37 0.00	46.41 -1.14 -0.19	39.92 -1.15 -0.11	36.74 -0.83 0.00	34.77 -0.78 0.00
STATION 5_MISC_HYD 23604	37.04 -0.83 0.00	35.31 -1.06 0.00	33.46 -1.03 0.00	33.42 -1.07 0.00	34.66 -1.33 0.00	39.07 -1.50 0.00	50.27 -2.48 0.00	61.60 -3.38 0.00	51.86 -3.25 0.00	41.38 -1.99 0.00	36.27 -2.19 0.00	33.36 -1.90 0.00	31.65 -1.88 0.00	30.68 -1.82 0.00	29.02 -1.89 0.00	29.22 -1.83 0.00	32.19 -2.16 0.00	36.66 -2.59 0.00	44.50 -3.61 0.00	50.83 -4.00 0.00	43.78 -3.08 0.49	37.76 -2.91 0.29	35.20 -2.37 0.00	33.28 -2.28 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	37.58 -0.30 0.00	35.93 -0.44 0.00	33.98 -0.52 0.00	34.00 -0.48 0.00	35.35 -0.65 0.00	39.96 -0.61 0.00	51.54 -1.21 0.00	63.55 -1.43 0.00	53.62 -1.49 0.00	42.37 -1.00 0.00	37.34 -1.12 0.00	34.03 -1.23 0.00	32.35 -1.17 0.00	31.33 -1.17 0.00	29.67 -1.24 0.00	29.88 -1.18 0.00	32.91 -1.44 0.00	37.64 -1.61 0.00	45.89 -2.21 0.00	52.58 -2.25 0.00	45.25 -1.85 0.25	38.92 -1.88 0.15	36.10 -1.46 0.00	34.13 -1.42 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	36.82 -1.06 0.00	35.13 -1.24 0.00	33.18 -1.31 0.00	33.24 -1.24 0.00	34.48 -1.51 0.00	38.98 -1.58 0.00	49.90 -2.85 0.00	61.47 -3.51 0.00	51.92 -3.20 0.00	41.25 -2.13 0.00	36.42 -2.04 0.00	33.22 -2.05 0.00	31.55 -1.98 0.00	30.59 -1.92 0.00	28.99 -1.92 0.00	29.19 -1.86 0.00	32.08 -2.27 0.00	36.58 -2.67 0.00	44.40 -3.70 0.00	50.77 -4.06 0.00	43.86 -3.17 0.32	37.78 -2.99 0.18	35.08 -2.48 0.00	33.14 -2.42 0.00
STA_56___34_KV_BUS2 355883	36.82 -1.06 0.00	35.13 -1.24 0.00	33.18 -1.31 0.00	33.24 -1.24 0.00	34.48 -1.51 0.00	38.98 -1.58 0.00	49.90 -2.85 0.00	61.47 -3.51 0.00	51.92 -3.20 0.00	41.25 -2.13 0.00	36.42 -2.04 0.00	33.22 -2.05 0.00	31.55 -1.98 0.00	30.59 -1.92 0.00	28.99 -1.92 0.00	29.19 -1.86 0.00	32.08 -2.27 0.00	36.58 -2.67 0.00	44.40 -3.70 0.00	50.77 -4.06 0.00	43.86 -3.17 0.32	37.78 -2.99 0.18	35.08 -2.48 0.00	33.14 -2.42 0.00
STA_67___115KV_BK2 355882	36.93 -0.95 0.00	35.24 -1.13 0.00	33.29 -1.21 0.00	33.35 -1.14 0.00	34.56 -1.44 0.00	39.11 -1.46 0.00	49.96 -2.80 0.00	61.47 -3.51 0.00	51.92 -3.20 0.00	41.29 -2.08 0.00	36.46 -2.00 0.00	33.26 -2.01 0.00	31.58 -1.94 0.00	30.62 -1.89 0.00	29.02 -1.89 0.00	29.22 -1.83 0.00	32.08 -2.27 0.00	36.58 -2.67 0.00	44.40 -3.70 0.00	50.71 -4.11 0.00	43.69 -3.17 0.49	37.68 -2.99 0.29	35.12 -2.44 0.00	33.17 -2.38 0.00
STA_7___115KV_9TRANS 80674	37.20 -0.68 0.00	35.46 -0.91 0.00	33.49 -1.00 0.00	33.56 -0.93 0.00	34.77 -1.22 0.00	39.35 -1.22 0.00	50.32 -2.43 0.00	61.99 -2.99 0.00	52.36 -2.76 0.00	41.59 -1.78 0.00	36.73 -1.73 0.00	33.47 -1.80 0.00	31.78 -1.74 0.00	30.81 -1.69 0.00	29.18 -1.73 0.00	29.41 -1.65 0.00	32.29 -2.06 0.00	36.82 -2.43 0.00	44.69 -3.42 0.00	51.10 -3.73 0.00	44.02 -2.84 0.49	37.93 -2.74 0.29	35.35 -2.22 0.00	33.35 -2.20 0.00
STA_82___115KV_TB1 80780	36.93 -0.95 0.00	35.24 -1.13 0.00	33.29 -1.21 0.00	33.35 -1.14 0.00	34.56 -1.44 0.00	39.11 -1.46 0.00	50.01 -2.74 0.00	61.47 -3.51 0.00	51.92 -3.20 0.00	41.29 -2.08 0.00	36.50 -1.96 0.00	33.26 -2.01 0.00	31.58 -1.94 0.00	30.62 -1.89 0.00	29.02 -1.89 0.00	29.22 -1.83 0.00	32.08 -2.27 0.00	36.58 -2.67 0.00	44.40 -3.70 0.00	50.72 -4.11 0.00	43.85 -3.17 0.33	37.78 -2.99 0.19	35.12 -2.44 0.00	33.17 -2.38 0.00
STEEL___WIND 323596	37.65 -0.23 0.00	35.64 -0.73 0.00	33.81 -0.69 0.00	33.73 -0.76 0.00	34.84 -1.15 0.00	39.19 -1.38 0.00	50.12 -2.64 0.00	60.95 -4.03 0.00	51.09 -4.02 0.00	41.20 -2.17 0.00	36.04 -2.42 0.00	33.29 -1.97 0.00	31.52 -2.01 0.00	30.59 -1.92 0.00	28.90 -2.01 0.00	28.98 -2.08 0.00	31.85 -2.51 0.00	35.88 -3.38 0.00	43.25 -4.86 0.00	49.17 -5.65 0.01	40.90 -5.26 1.19	35.79 -4.46 0.70	34.41 -3.16 0.00	32.67 -2.88 0.00
STEPHTWN_115KV_BK_2 55603	39.24 1.36 0.00	37.64 1.27 0.00	35.74 1.24 0.00	35.69 1.21 0.00	37.36 1.37 0.00	42.15 1.58 0.00	55.13 2.37 0.00	67.78 2.79 0.00	57.48 2.37 0.00	45.11 1.73 0.00	39.88 1.42 0.00	36.57 1.30 0.00	34.73 1.21 0.00	33.67 1.17 0.00	32.05 1.14 0.00	32.24 1.18 0.00	35.73 1.37 0.00	40.94 1.69 0.00	50.41 2.31 0.00	57.46 2.63 0.00	49.67 2.32 0.00	43.09 2.13 0.00	39.37 1.80 0.00	37.22 1.67 0.00
STEUBEN_REC_LFGE 323667	38.41 0.53 0.00	36.55 0.18 0.00	34.56 0.07 0.00	34.56 0.07 0.00	35.82 -0.18 0.00	40.48 -0.08 0.00	52.07 -0.69 0.00	63.94 -1.04 0.00	53.57 -1.54 0.00	42.29 -1.08 0.00	37.19 -1.27 0.00	33.86 -1.41 0.00	32.12 -1.41 0.00	31.07 -1.43 0.00	29.36 -1.55 0.00	29.44 -1.61 0.00	32.39 -1.96 0.00	37.01 -2.24 0.00	45.17 -2.93 0.00	51.51 -3.34 -0.03	44.66 -3.27 -0.57	38.13 -3.19 -0.37	35.08 -2.48 0.00	33.14 -2.42 0.00
STILLWATER___SOLAR 323814	39.09 1.21 0.00	37.53 1.16 0.00	35.60 1.10 0.00	35.59 1.10 0.00	37.22 1.22 0.00	42.02 1.46 0.00	54.97 2.22 0.00	67.65 2.67 0.00	57.26 2.15 0.00	44.80 1.43 0.00	39.84 1.38 0.00	36.39 1.13 0.00	34.50 0.97 0.00	33.45 0.94 0.00	31.83 0.93 0.00	32.08 1.02 0.00	35.59 1.23 0.00	40.94 1.69 0.00	50.61 2.50 0.00	57.68 2.85 0.00	49.81 2.46 0.00	43.21 2.25 0.00	39.51 1.95 0.00	37.40 1.85 0.00
STONY___BROOK 24151	39.81 1.93 0.00	37.93 1.56 0.00	36.01 1.52 0.00	36.14 1.66 0.00	37.72 1.73 0.00	43.36 2.80 0.00	59.69 4.01 -2.93	72.33 5.07 -2.28	59.58 4.46 -0.01	46.50 3.12 -0.01	41.57 3.08 -0.03	37.86 2.54 -0.05	35.67 2.15 0.00	34.74 2.24 0.00	33.51 2.47 -0.13	33.51 2.42 -0.03	36.97 2.61 -0.01	43.22 3.45 -0.52	57.26 4.42 -4.73	59.88 5.04 -0.01	56.64 4.40 -4.88	52.77 3.93 -7.89	40.75 2.93 -0.25	38.25 2.70 0.00
STURGEON_POOL_HYD 23609	38.98 1.10 0.00	37.42 1.05 0.00	35.46 0.97 0.00	35.45 0.97 0.00	37.11 1.12 0.00	41.78 1.22 0.00	54.70 1.95 0.00	67.52 2.53 0.00	57.48 2.37 0.00	45.28 1.91 0.00	40.11 1.65 0.00	36.75 1.48 0.00	34.97 1.44 0.00	33.90 1.40 0.00	32.33 1.42 0.00	32.48 1.43 0.00	35.93 1.58 0.00	41.18 1.92 0.00	50.46 2.36 0.00	57.73 2.91 0.00	49.86 2.51 0.00	43.13 2.17 0.00	39.29 1.73 0.00	37.19 1.64 0.00
ST_LAW_115_BK7_LBMP 345037	38.03 0.15 0.00	36.58 0.22 0.00	34.74 0.24 0.00	34.73 0.24 0.00	36.21 0.22 0.00	40.81 0.24 0.00	53.23 0.47 0.00	65.77 0.78 0.00	55.61 0.49 0.00	43.72 0.35 0.00	38.81 0.35 0.00	35.51 0.25 0.00	33.76 0.24 0.00	32.73 0.23 0.00	31.09 0.19 0.00	31.24 0.19 0.00	34.59 0.24 0.00	39.56 0.31 0.00	48.44 0.34 0.00	55.10 0.28 0.00	47.49 0.14 0.00	41.00 0.04 0.00	37.56 0.00 0.00	35.48 -0.07 0.00

ST_LAW_115_BK8_LBMP 345038	38.03 0.15 0.00	36.58 0.22 0.00	34.74 0.24 0.00	34.73 0.24 0.00	36.21 0.22 0.00	40.81 0.24 0.00	53.23 0.47 0.00	65.77 0.78 0.00	55.61 0.49 0.00	43.72 0.35 0.00	38.81 0.35 0.00	35.51 0.25 0.00	33.76 0.24 0.00	32.73 0.23 0.00	31.09 0.19 0.00	31.24 0.19 0.00	34.59 0.24 0.00	39.56 0.31 0.00	48.44 0.34 0.00	55.10 0.28 0.00	47.49 0.14 0.00	41.00 0.04 0.00	37.56 0.00 0.00	35.48 -0.07 0.00
ST_LAW_230_BK5_LBMP 345035	37.99 0.11 0.00	36.58 0.22 0.00	34.70 0.21 0.00	34.73 0.24 0.00	36.21 0.22 0.00	40.81 0.24 0.00	53.17 0.42 0.00	65.70 0.72 0.00	55.55 0.44 0.00	43.72 0.35 0.00	38.77 0.31 0.00	35.51 0.25 0.00	33.76 0.24 0.00	32.73 0.23 0.00	31.09 0.19 0.00	31.24 0.19 0.00	34.59 0.24 0.00	39.53 0.28 0.00	48.44 0.34 0.00	55.05 0.22 0.00	47.44 0.09 0.00	41.00 0.04 0.00	37.56 0.00 0.00	35.48 -0.07 0.00
ST_LAW_230_BK6_LBMP 345036	37.99 0.11 0.00	36.58 0.22 0.00	34.70 0.21 0.00	34.73 0.24 0.00	36.21 0.22 0.00	40.81 0.24 0.00	53.17 0.42 0.00	65.70 0.72 0.00	55.55 0.44 0.00	43.72 0.35 0.00	38.77 0.31 0.00	35.51 0.25 0.00	33.76 0.24 0.00	32.73 0.23 0.00	31.09 0.19 0.00	31.24 0.19 0.00	34.59 0.24 0.00	39.53 0.28 0.00	48.44 0.34 0.00	55.05 0.22 0.00	47.44 0.09 0.00	41.00 0.04 0.00	37.56 0.00 0.00	35.48 -0.07 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	38.79 0.91 0.00	37.24 0.87 0.00	35.29 0.79 0.00	35.25 0.76 0.00	36.90 0.90 0.00	41.54 0.97 0.00	54.33 1.58 0.00	67.19 2.21 0.00	57.21 2.09 0.00	45.06 1.69 0.00	39.96 1.50 -0.01	36.58 1.30 0.00	34.80 1.27 0.00	33.74 1.24 0.00	32.15 1.24 -0.01	32.33 1.27 0.00	35.76 1.41 0.00	40.90 1.65 0.00	50.17 2.07 0.00	57.40 2.58 0.00	49.58 2.23 0.00	42.88 1.92 0.00	39.06 1.50 0.00	36.98 1.42 0.00
SWANROAD_115KV_TB1 355699	36.14 -1.74 0.00	34.22 -2.15 0.00	32.25 -2.24 0.00	32.38 -2.10 0.00	33.40 -2.59 0.00	37.81 -2.76 0.00	47.69 -5.06 0.00	58.16 -6.82 0.00	49.10 -6.01 0.00	39.42 -3.95 0.00	34.96 -3.50 0.00	31.85 -3.42 0.00	30.14 -3.39 0.00	29.29 -3.22 0.00	27.75 -3.15 0.00	27.92 -3.14 0.00	30.50 -3.85 0.00	34.46 -4.79 0.00	41.56 -6.54 0.00	47.20 -7.62 0.01	39.58 -6.44 1.33	34.64 -5.53 0.79	33.13 -4.43 0.00	31.32 -4.23 0.00
SYNERGY___BIOGAS 323694	37.65 -0.23 0.00	35.78 -0.58 0.00	33.94 -0.55 0.00	33.87 -0.62 0.00	35.06 -0.94 0.00	39.51 -1.05 0.00	50.85 -1.90 0.00	62.13 -2.86 0.00	51.97 -3.14 0.00	41.68 -1.69 0.00	36.27 -2.19 0.00	33.33 -1.94 0.00	31.55 -1.98 0.00	30.59 -1.92 0.00	28.87 -2.04 0.00	29.07 -1.99 0.00	32.01 -2.34 0.00	36.43 -2.83 0.00	44.06 -4.04 0.00	50.49 -4.33 0.01	42.78 -3.55 1.02	37.04 -3.32 0.60	35.01 -2.56 0.00	33.06 -2.49 0.00
SYRACUSE___ENERGY_ST1 323597	37.42 -0.45 0.00	35.89 -0.47 0.00	34.01 -0.48 0.00	34.00 -0.48 0.00	35.46 -0.54 0.00	39.96 -0.61 0.00	51.64 -1.11 0.00	63.62 -1.36 0.00	53.84 -1.27 0.00	42.42 -0.95 0.00	37.54 -0.92 0.00	34.42 -0.85 0.00	32.69 -0.84 0.00	31.69 -0.81 0.00	30.10 -0.80 0.00	30.25 -0.81 0.00	33.42 -0.93 0.00	38.15 -1.10 0.00	46.66 -1.44 0.00	53.29 -1.54 0.00	46.07 -1.28 0.00	39.77 -1.19 0.00	36.70 -0.86 0.00	34.77 -0.78 0.00
SYRACUSE___ENERGY_ST2 323598	37.42 -0.45 0.00	35.89 -0.47 0.00	34.01 -0.48 0.00	34.00 -0.48 0.00	35.46 -0.54 0.00	39.96 -0.61 0.00	51.64 -1.11 0.00	63.62 -1.36 0.00	53.84 -1.27 0.00	42.42 -0.95 0.00	37.54 -0.92 0.00	34.42 -0.85 0.00	32.69 -0.84 0.00	31.69 -0.81 0.00	30.10 -0.80 0.00	30.25 -0.81 0.00	33.42 -0.93 0.00	38.15 -1.10 0.00	46.66 -1.44 0.00	53.29 -1.54 0.00	46.07 -1.28 0.00	39.77 -1.19 0.00	36.70 -0.86 0.00	34.77 -0.78 0.00
SYRACUSE___POWER 24017	37.35 -0.53 0.00	35.82 -0.55 0.00	33.94 -0.55 0.00	33.93 -0.55 0.00	35.35 -0.65 0.00	39.88 -0.69 0.00	51.54 -1.21 0.00	63.49 -1.49 0.00	53.73 -1.38 0.00	42.33 -1.04 0.00	37.50 -0.96 0.00	34.38 -0.88 0.00	32.65 -0.87 0.00	31.66 -0.85 0.00	30.04 -0.87 0.00	30.22 -0.84 0.00	33.36 -1.00 0.00	38.11 -1.14 0.00	46.61 -1.49 0.00	53.24 -1.59 0.00	46.15 -1.33 -0.13	39.80 -1.23 -0.08	36.62 -0.94 0.00	34.70 -0.85 0.00
TALLMAN___138KV_BK151 55660	38.90 1.02 0.00	37.31 0.95 0.00	35.39 0.90 0.00	35.35 0.86 0.00	37.00 1.01 0.00	41.66 1.10 0.00	54.49 1.74 0.00	67.45 2.47 0.00	57.48 2.37 0.00	45.37 2.00 0.00	40.23 1.77 0.00	36.83 1.55 -0.01	35.00 1.48 0.00	33.93 1.43 0.00	32.38 1.45 -0.02	32.52 1.46 0.00	35.97 1.61 0.00	41.10 1.84 0.00	50.46 2.36 0.00	57.73 2.91 0.00	49.86 2.51 0.00	43.13 2.17 0.00	39.29 1.73 0.00	37.12 1.56 0.00
TEALLAVE_115KV_TB7 355573	37.20 -0.68 0.00	35.67 -0.69 0.00	33.81 -0.69 0.00	33.80 -0.69 0.00	35.20 -0.79 0.00	39.71 -0.85 0.00	51.33 -1.42 0.00	63.16 -1.82 0.00	53.51 -1.60 0.00	42.16 -1.21 0.00	37.34 -1.12 0.00	34.24 -1.02 0.00	32.52 -1.01 0.00	31.53 -0.98 0.00	29.95 -0.96 0.00	30.09 -0.96 0.00	33.25 -1.10 0.00	37.92 -1.33 0.00	46.37 -1.73 0.00	52.96 -1.86 0.00	45.79 -1.56 0.00	39.52 -1.43 0.00	36.47 -1.09 0.00	34.59 -0.96 0.00
TELGRAPH_34_KV_EAST 80808	36.93 -0.95 0.00	35.06 -1.31 0.00	33.05 -1.45 0.00	33.18 -1.31 0.00	34.27 -1.73 0.00	38.78 -1.78 0.00	49.16 -3.59 0.00	60.24 -4.74 0.00	50.76 -4.35 0.00	40.60 -2.78 0.00	35.88 -2.58 0.00	32.62 -2.64 0.00	30.91 -2.62 0.00	30.03 -2.47 0.00	28.40 -2.50 0.00	28.60 -2.45 0.00	31.29 -3.06 0.00	35.52 -3.73 0.00	42.91 -5.20 0.00	48.90 -5.92 0.01	41.15 -4.97 1.23	35.81 -4.42 0.73	34.11 -3.46 0.00	32.18 -3.38 0.00
TEMPLE___115KV_TB 2 55572	37.23 -0.64 0.00	35.67 -0.69 0.00	33.84 -0.66 0.00	33.83 -0.66 0.00	35.24 -0.76 0.00	39.71 -0.85 0.00	51.33 -1.42 0.00	63.23 -1.75 0.00	53.51 -1.60 0.00	42.20 -1.17 0.00	37.34 -1.12 0.00	34.28 -0.99 0.00	32.55 -0.97 0.00	31.56 -0.94 0.00	29.95 -0.96 0.00	30.12 -0.93 0.00	33.25 -1.10 0.00	37.96 -1.30 0.00	46.42 -1.68 0.00	52.96 -1.86 0.00	45.83 -1.52 0.00	39.56 -1.39 0.00	36.51 -1.05 0.00	34.59 -0.96 0.00
TIANA____69_KV_BK 1 55817	39.36 1.48 0.00	37.56 1.20 0.00	35.56 1.07 0.00	35.45 0.97 0.00	37.26 1.26 0.00	42.80 2.23 0.00	59.68 4.01 -2.92	72.06 4.81 -2.27	59.25 4.13 0.00	46.20 2.82 -0.01	41.25 2.77 -0.02	37.72 2.40 -0.05	35.74 2.21 0.00	34.58 2.08 0.00	33.45 2.41 -0.13	33.41 2.33 -0.03	37.20 2.85 0.00	43.25 3.49 -0.51	57.21 4.38 -4.73	59.71 4.88 0.00	56.58 4.36 -4.88	53.05 4.22 -7.88	41.03 3.23 -0.24	38.01 2.45 0.00
TILDEN___115KV_TB1 80814	37.35 -0.53 0.00	35.82 -0.55 0.00	33.94 -0.55 0.00	33.93 -0.55 0.00	35.35 -0.65 0.00	39.88 -0.69 0.00	51.54 -1.21 0.00	63.49 -1.49 0.00	53.73 -1.38 0.00	42.33 -1.04 0.00	37.50 -0.96 0.00	34.38 -0.88 0.00	32.65 -0.87 0.00	31.66 -0.85 0.00	30.04 -0.87 0.00	30.22 -0.84 0.00	33.36 -1.00 0.00	38.11 -1.14 0.00	46.61 -1.49 0.00	53.24 -1.59 0.00	46.15 -1.33 -0.13	39.80 -1.23 -0.08	36.62 -0.94 0.00	34.70 -0.85 0.00

TRIGEN___CC 323695	39.58 1.70 0.00	37.86 1.49 0.00	35.84 1.35 0.00	35.80 1.31 0.00	37.58 1.58 0.00	42.55 1.99 0.00	58.73 3.06 -2.92	71.28 4.03 -2.27	58.75 3.64 0.00	46.32 2.91 -0.04	41.26 2.69 -0.11	37.65 2.33 -0.05	35.67 2.15 0.00	34.55 2.05 0.00	33.14 2.10 -0.13	33.23 2.14 -0.03	36.79 2.44 0.00	42.70 2.90 -0.54	56.49 3.66 -4.73	59.05 4.22 0.00	55.87 3.65 -4.88	52.03 3.19 -7.88	40.52 2.63 -0.32	37.83 2.28 0.00
TRINITY___115KV___4 BK 55933	38.90 1.02 0.00	37.35 0.98 0.00	35.46 0.97 0.00	35.42 0.93 0.00	37.08 1.08 0.00	41.74 1.18 0.00	54.54 1.79 0.00	67.00 2.01 0.00	56.93 1.82 0.00	44.72 1.34 0.00	39.61 1.15 0.00	36.36 1.09 0.00	34.57 1.04 0.00	33.51 1.01 0.00	31.90 0.99 0.00	32.08 1.02 0.00	35.52 1.17 0.00	40.66 1.41 0.00	49.98 1.88 0.00	56.97 2.14 0.00	49.24 1.89 0.00	42.72 1.76 0.00	39.06 1.50 0.00	36.94 1.39 0.00
UNION___PROCESSING_DRP 323587	36.97 -0.91 0.00	35.24 -1.13 0.00	33.29 -1.21 0.00	33.35 -1.14 0.00	34.59 -1.40 0.00	39.11 -1.46 0.00	50.01 -2.74 0.00	61.47 -3.51 0.00	51.92 -3.20 0.00	41.29 -2.08 0.00	36.50 -1.96 0.00	33.26 -2.01 0.00	31.58 -1.94 0.00	30.62 -1.89 0.00	29.02 -1.89 0.00	29.22 -1.83 0.00	32.08 -2.27 0.00	36.58 -2.67 0.00	44.40 -3.70 0.00	50.72 -4.11 0.00	43.85 -3.17 0.33	37.78 -2.99 0.19	35.12 -2.44 0.00	33.17 -2.38 0.00
UPPER HUDSON___HYD 24058	38.52 0.64 0.00	37.02 0.66 0.00	35.12 0.62 0.00	35.07 0.59 0.00	36.79 0.79 0.00	41.58 1.01 0.00	54.44 1.69 0.00	67.12 2.14 0.00	56.71 1.60 0.00	44.37 1.00 0.00	40.23 1.77 0.00	36.68 1.41 0.00	34.67 1.14 0.00	33.54 1.04 0.00	31.92 1.02 0.00	32.17 1.12 0.00	35.73 1.38 0.00	41.25 2.00 0.00	51.14 3.03 0.00	58.17 3.34 0.00	50.19 2.84 0.00	43.54 2.58 0.00	39.78 2.22 0.00	37.69 2.13 0.00
UPPER RAQUET___HYD 24056	37.92 0.04 0.00	36.58 0.22 0.00	34.70 0.21 0.00	34.73 0.24 0.00	36.18 0.18 0.00	40.81 0.24 0.00	53.33 0.58 0.00	66.09 1.10 0.00	55.61 0.49 0.00	43.55 0.17 0.00	38.58 0.12 0.00	35.27 0.00 0.00	33.49 -0.03 0.00	32.44 -0.06 0.00	30.81 -0.09 0.00	30.99 -0.06 0.00	34.35 0.00 0.00	39.37 0.12 0.00	48.25 0.14 0.00	54.94 0.11 0.00	47.30 -0.05 0.00	40.79 -0.16 0.00	37.26 -0.30 0.00	35.16 -0.39 0.00
VALLEY44_115KV_TB2 355964	38.18 0.30 0.00	36.26 -0.11 0.00	34.25 -0.24 0.00	34.31 -0.17 0.00	35.38 -0.61 0.00	39.92 -0.65 0.00	51.01 -1.74 0.00	62.58 -2.40 0.00	52.58 -2.54 0.00	42.07 -1.30 0.00	37.11 -1.35 0.00	33.89 -1.38 0.00	32.08 -1.44 0.00	31.11 -1.40 0.00	29.42 -1.48 0.00	29.53 -1.52 0.00	32.32 -2.03 0.00	36.46 -2.79 0.00	44.21 -3.90 0.00	50.50 -4.33 0.00	41.48 -5.16 0.71	36.37 -4.18 0.41	34.97 -2.59 0.00	33.42 -2.13 0.00
VALLEY___115KV_TB 1-4 80826	37.42 -0.45 0.00	35.96 -0.40 0.00	34.12 -0.38 0.00	34.11 -0.38 0.00	35.64 -0.36 0.00	40.20 -0.37 0.00	52.38 -0.37 0.00	64.59 -0.39 0.00	54.84 -0.28 0.00	43.02 -0.35 0.00	38.19 -0.27 0.00	35.02 -0.25 0.00	33.29 -0.23 0.00	32.24 -0.26 0.00	30.66 -0.25 0.00	30.78 -0.28 0.00	34.01 -0.34 0.00	38.82 -0.43 0.00	47.48 -0.63 0.00	54.01 -0.82 0.00	46.64 -0.71 0.00	40.42 -0.53 0.00	36.96 -0.60 0.00	34.98 -0.57 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	39.51 1.63 0.00	37.93 1.56 0.00	35.94 1.45 0.00	35.90 1.41 0.00	37.51 1.51 0.00	42.31 1.74 0.00	55.28 2.53 0.00	68.30 3.31 0.00	58.03 2.92 0.00	45.32 1.95 0.00	40.00 1.54 0.00	36.50 1.23 0.00	34.70 1.17 0.00	33.58 1.07 0.00	31.90 0.99 0.00	32.05 0.99 0.00	35.52 1.17 0.00	40.78 1.53 0.00	50.22 2.12 0.00	57.40 2.58 0.00	49.53 2.18 0.00	42.80 1.84 0.00	39.03 1.46 0.00	36.94 1.39 0.00
VISCHER___FERRY HYD 24020	38.86 0.98 0.00	37.35 0.98 0.00	35.43 0.93 0.00	35.42 0.93 0.00	37.04 1.04 0.00	41.78 1.22 0.00	54.60 1.85 0.00	67.12 2.14 0.00	56.99 1.87 0.00	44.67 1.30 0.00	39.65 1.19 0.00	36.32 1.06 0.00	34.50 0.97 0.00	33.45 0.94 0.00	31.87 0.96 0.00	32.08 1.02 0.00	35.48 1.13 0.00	40.74 1.49 0.00	50.13 2.02 0.00	57.13 2.30 0.00	49.38 2.03 0.00	42.88 1.93 0.00	39.18 1.61 0.00	37.08 1.53 0.00
V_A_10_SYNC_DSASP 323832	36.48 -1.40 0.00	34.58 -1.78 0.00	32.81 -1.69 0.00	32.73 -1.76 0.00	33.87 -2.12 0.00	38.13 -2.43 0.00	48.79 -3.96 0.00	59.39 -5.59 0.00	49.93 -5.18 0.00	40.16 -3.21 0.00	35.19 -3.27 0.00	32.48 -2.79 0.00	30.78 -2.75 0.00	29.87 -2.63 0.00	28.28 -2.63 0.00	28.39 -2.67 0.00	31.29 -3.06 0.00	35.37 -3.89 0.00	42.72 -5.39 0.00	48.62 -6.20 0.01	41.53 -4.83 0.99	36.03 -4.34 0.59	34.03 -3.53 0.00	32.21 -3.34 0.00
V_CMM_10_SYNC_DSASP 323787	38.26 0.38 0.00	36.84 0.47 0.00	34.94 0.45 0.00	34.97 0.48 0.00	36.43 0.43 0.00	41.05 0.49 0.00	53.54 0.79 0.00	66.15 1.17 0.00	55.88 0.77 0.00	43.98 0.61 0.00	39.00 0.54 0.00	35.72 0.46 0.00	33.93 0.40 0.00	32.89 0.39 0.00	31.25 0.34 0.00	31.40 0.34 0.00	34.76 0.41 0.00	39.76 0.51 0.00	48.69 0.58 0.00	55.38 0.55 0.00	47.73 0.38 0.00	41.20 0.25 0.00	37.75 0.19 0.00	35.66 0.11 0.00
V_CMP_10_SYNC_DSASP 323788	39.01 1.14 0.00	37.71 1.35 0.00	35.81 1.31 0.00	35.87 1.38 0.00	37.40 1.40 0.00	42.15 1.58 0.00	55.07 2.32 0.00	68.36 3.38 0.00	57.65 2.54 0.00	45.37 2.00 0.00	40.27 1.81 0.00	36.85 1.59 0.00	35.00 1.47 0.00	33.93 1.43 0.00	32.20 1.30 0.00	32.36 1.30 0.00	35.83 1.48 0.00	40.94 1.69 0.00	50.03 1.93 0.00	56.69 1.87 0.00	48.63 1.28 0.00	41.86 0.90 0.00	38.24 0.68 0.00	35.98 0.43 0.00
V_D_10_SYNC_DSASP 323841	38.37 0.49 0.00	36.94 0.58 0.00	35.08 0.59 0.00	35.11 0.62 0.00	36.57 0.57 0.00	41.18 0.61 0.00	53.75 1.00 0.00	66.48 1.50 0.00	56.11 0.99 0.00	44.06 0.69 0.00	39.07 0.61 0.00	35.76 0.49 0.00	34.00 0.47 0.00	32.96 0.45 0.00	31.28 0.37 0.00	31.46 0.40 0.00	34.83 0.48 0.00	39.84 0.59 0.00	48.83 0.72 0.00	55.54 0.71 0.00	47.82 0.47 0.00	41.28 0.33 0.00	37.83 0.26 0.00	35.73 0.18 0.00
V_E_10_SYNC_DSASP 323830	40.19 2.31 0.00	38.62 2.26 0.00	36.56 2.07 0.00	36.59 2.10 0.00	38.23 2.23 0.00	43.20 2.64 0.00	56.65 3.90 0.00	70.06 5.07 0.00	58.75 3.64 0.00	45.41 2.04 0.00	39.73 1.27 0.00	36.08 0.81 0.00	34.16 0.64 0.00	32.99 0.49 0.00	31.22 0.31 0.00	31.49 0.43 0.00	35.11 0.75 0.00	40.51 1.26 0.00	50.17 2.07 0.00	57.41 2.58 0.00	50.32 1.94 -1.03	42.87 1.31 -0.60	38.50 0.94 0.00	36.41 0.85 0.00
V_F_30_NSYNC___DSASP 323816	39.13 1.25 0.00	37.56 1.20 0.00	35.63 1.14 0.00	35.62 1.14 0.00	37.25 1.26 0.00	42.07 1.50 0.00	54.97 2.22 0.00	67.71 2.73 0.00	57.32 2.21 0.00	44.89 1.52 0.00	39.92 1.46 0.00	36.47 1.20 0.00	34.57 1.04 0.00	33.51 1.01 0.00	31.90 0.99 0.00	32.11 1.06 0.00	35.62 1.27 0.00	40.98 1.73 0.00	50.61 2.50 0.00	57.73 2.90 0.00	49.86 2.51 0.00	43.25 2.29 0.00	39.51 1.95 0.00	37.40 1.85 0.00



V_F_30_SYNC_DSASP 323786	39.01 1.14 0.00	37.46 1.09 0.00	35.56 1.07 0.00	35.52 1.03 0.00	37.18 1.19 0.00	41.90 1.34 0.00	54.70 1.95 0.00	67.26 2.27 0.00	57.15 2.04 0.00	44.89 1.52 0.00	39.73 1.27 0.00	36.47 1.20 0.00	34.63 1.11 0.00	33.58 1.07 0.00	31.96 1.05 0.00	32.14 1.09 0.00	35.59 1.24 0.00	40.74 1.49 0.00	50.13 2.02 0.00	57.13 2.30 0.00	49.39 2.04 0.00	42.84 1.88 0.00	39.18 1.62 0.00	37.05 1.49 0.00
V_XM_10_SYNC_DSASP 323789	39.01 1.14 0.00	37.71 1.35 0.00	35.81 1.31 0.00	35.87 1.38 0.00	37.40 1.40 0.00	42.15 1.58 0.00	55.07 2.32 0.00	68.36 3.38 0.00	57.65 2.54 0.00	45.37 2.00 0.00	40.27 1.81 0.00	36.85 1.59 0.00	35.00 1.47 0.00	33.93 1.43 0.00	32.20 1.30 0.00	32.36 1.30 0.00	35.83 1.48 0.00	40.94 1.69 0.00	50.03 1.93 0.00	56.69 1.87 0.00	48.63 1.28 0.00	41.86 0.90 0.00	38.24 0.68 0.00	35.98 0.43 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	39.01 1.14 0.00	37.46 1.09 0.00	35.50 1.00 0.00	35.45 0.97 0.00	37.11 1.12 0.00	41.82 1.26 0.00	54.70 1.95 0.00	67.71 2.73 0.00	57.70 2.59 0.00	45.50 2.13 0.00	40.35 1.88 0.00	36.93 1.66 -0.01	35.10 1.58 0.00	34.03 1.53 0.00	32.47 1.55 -0.02	32.64 1.58 0.00	36.07 1.72 0.00	41.25 2.00 0.00	50.66 2.55 0.00	57.90 3.07 0.00	50.00 2.65 0.00	43.25 2.29 0.00	39.40 1.84 0.00	37.26 1.71 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	39.39 1.52 0.00	37.82 1.45 0.00	35.81 1.31 0.00	35.80 1.31 0.00	37.44 1.44 0.00	42.23 1.66 0.00	55.28 2.53 0.00	68.43 3.44 0.00	58.47 3.36 0.00	46.10 2.73 0.00	40.94 2.46 -0.02	38.05 2.22 -0.56	35.61 2.08 -0.01	34.52 2.02 0.00	34.43 2.04 -1.49	33.43 2.05 -0.33	36.58 2.23 0.00	41.84 2.59 0.00	51.42 3.32 0.00	58.61 3.78 0.00	50.57 3.22 0.00	43.82 2.87 0.00	39.85 2.29 0.00	37.65 2.10 0.00
W50THST__13_KV_LOAD 356117	39.51 1.63 0.00	37.96 1.60 0.00	35.91 1.41 0.00	35.90 1.41 0.00	37.58 1.58 0.00	42.39 1.83 0.00	55.49 2.74 0.00	68.82 3.83 0.00	58.80 3.69 0.00	46.32 2.95 0.00	41.13 2.65 -0.02	38.19 2.36 -0.56	35.78 2.25 -0.01	34.68 2.18 0.00	34.55 2.16 -1.49	33.56 2.17 -0.33	36.72 2.37 0.00	42.04 2.79 0.00	51.62 3.51 0.00	58.83 4.00 0.00	50.76 3.41 0.00	43.95 2.99 0.00	39.97 2.40 0.00	37.76 2.20 0.00
WADING RIVER_IC_1 23522	38.83 0.95 0.00	36.98 0.62 0.00	35.15 0.65 0.00	35.52 1.03 0.00	36.86 0.86 0.00	42.96 2.39 0.00	59.11 3.43 -2.93	71.23 3.96 -2.28	58.59 3.47 -0.01	45.50 2.12 -0.01	41.03 2.54 -0.03	37.08 1.76 -0.05	34.80 1.27 0.00	34.13 1.62 0.00	33.20 2.16 -0.13	32.98 1.89 -0.03	36.18 1.82 -0.01	42.63 2.86 -0.51	56.40 3.56 -4.73	58.73 3.89 -0.01	55.79 3.55 -4.88	52.53 3.69 -7.89	40.14 2.33 -0.25	37.54 1.99 0.00
WADING RIVER_IC_2 23547	38.83 0.95 0.00	36.98 0.62 0.00	35.15 0.65 0.00	35.52 1.03 0.00	36.86 0.86 0.00	42.96 2.39 0.00	59.11 3.43 -2.93	71.23 3.96 -2.28	58.59 3.47 -0.01	45.50 2.12 -0.01	41.03 2.54 -0.03	37.08 1.76 -0.05	34.80 1.27 0.00	34.13 1.62 0.00	33.20 2.16 -0.13	32.98 1.89 -0.03	36.18 1.82 -0.01	42.63 2.86 -0.51	56.40 3.56 -4.73	58.73 3.89 -0.01	55.79 3.55 -4.88	52.53 3.69 -7.89	40.14 2.33 -0.25	37.54 1.99 0.00
WADING RIVER_IC_3 23601	38.83 0.95 0.00	36.98 0.62 0.00	35.15 0.65 0.00	35.52 1.03 0.00	36.86 0.86 0.00	42.96 2.39 0.00	59.11 3.43 -2.93	71.23 3.96 -2.28	58.59 3.47 -0.01	45.50 2.12 -0.01	41.03 2.54 -0.03	37.08 1.76 -0.05	34.80 1.27 0.00	34.13 1.62 0.00	33.20 2.16 -0.13	32.98 1.89 -0.03	36.18 1.82 -0.01	42.63 2.86 -0.51	56.40 3.56 -4.73	58.73 3.89 -0.01	55.79 3.55 -4.88	52.53 3.69 -7.89	40.14 2.33 -0.25	37.54 1.99 0.00
WALDENNY_12_KV_BK2 80841	37.54 -0.34 0.00	35.56 -0.80 0.00	33.56 -0.93 0.00	33.66 -0.83 0.00	34.74 -1.26 0.00	39.31 -1.26 0.00	49.74 -3.01 0.00	60.89 -4.09 0.00	51.31 -3.80 0.00	41.16 -2.21 0.00	36.46 -2.00 0.00	33.22 -2.05 0.00	31.48 -2.05 0.00	30.55 -1.95 0.00	28.93 -1.98 0.00	29.04 -2.02 0.00	31.74 -2.61 0.00	35.84 -3.41 0.00	43.20 -4.91 0.00	49.12 -5.70 0.01	40.94 -5.21 1.20	35.78 -4.46 0.71	34.29 -3.27 0.00	32.50 -3.06 0.00
WALDEN__HYDRO 24148	38.98 1.10 0.00	37.42 1.05 0.00	35.46 0.97 0.00	35.45 0.97 0.00	37.11 1.12 0.00	41.82 1.26 0.00	54.70 1.95 0.00	67.65 2.66 0.00	57.54 2.42 0.00	45.32 1.95 0.00	40.11 1.65 0.00	36.75 1.48 0.00	34.93 1.41 0.00	33.87 1.37 0.00	32.30 1.39 0.00	32.45 1.40 0.00	35.93 1.58 0.00	41.14 1.88 0.00	50.46 2.36 0.00	57.73 2.91 0.00	49.86 2.51 0.00	43.13 2.17 0.00	39.29 1.73 0.00	37.15 1.60 0.00
WARRENSBURG____ 23737	38.52 0.64 0.00	37.02 0.65 0.00	35.12 0.62 0.00	35.11 0.62 0.00	36.79 0.79 0.00	41.58 1.01 0.00	54.49 1.74 0.00	67.13 2.14 0.00	56.71 1.60 0.00	44.37 1.00 0.00	40.19 1.73 0.00	36.71 1.45 0.00	34.67 1.14 0.00	33.54 1.04 0.00	31.90 0.99 0.00	32.17 1.12 0.00	35.73 1.37 0.00	41.25 2.00 0.00	51.14 3.03 0.00	58.17 3.34 0.00	50.19 2.84 0.00	43.54 2.58 0.00	39.78 2.22 0.00	37.62 2.06 0.00
WATERSIDE____6 8 9 23538	37.40 1.74 2.22	35.59 1.67 2.45	33.96 1.52 2.05	33.82 1.52 2.18	35.18 1.69 2.51	41.08 1.87 1.35	55.29 2.64 0.09	68.30 3.31 0.00	58.16 3.42 0.37	44.60 2.91 1.68	39.59 2.65 1.52	38.18 2.36 -0.55	35.81 2.28 0.00	34.71 2.21 0.01	34.58 2.19 -1.48	33.58 2.21 -0.32	36.75 2.40 0.01	37.26 2.79 4.78	43.68 3.46 7.89	51.93 3.95 6.84	49.37 3.36 1.34	41.68 3.03 2.31	38.18 2.52 1.90	36.07 2.31 1.79
WATKINRD_115KV_LN8_ILLION 55919	37.61 -0.27 0.00	36.15 -0.22 0.00	34.29 -0.21 0.00	34.28 -0.21 0.00	35.82 -0.18 0.00	40.36 -0.20 0.00	52.65 -0.11 0.00	64.85 -0.13 0.00	55.06 -0.06 0.00	43.24 -0.13 0.00	38.34 -0.12 0.00	35.16 -0.11 0.00	33.43 -0.10 0.00	32.37 -0.13 0.00	30.78 -0.12 0.00	30.93 -0.12 0.00	34.21 -0.14 0.00	39.06 -0.20 0.00	47.87 -0.24 0.00	54.50 -0.33 0.00	47.07 -0.28 0.00	40.75 -0.20 0.00	37.26 -0.30 0.00	35.27 -0.28 0.00
WATSON__69_KV_BK 1 55734	40.42 2.54 0.00	38.51 2.15 0.00	36.46 1.97 0.00	36.38 1.90 0.00	38.30 2.30 0.00	43.69 3.12 0.00	60.47 4.80 -2.92	73.43 6.17 -2.27	60.29 5.18 0.00	47.28 3.90 -0.01	41.80 3.31 -0.03	38.35 3.03 -0.05	36.31 2.78 0.00	35.07 2.57 0.00	33.73 2.69 -0.13	33.79 2.70 -0.03	37.55 3.19 0.00	43.65 3.89 -0.51	57.84 5.00 -4.73	60.64 5.81 0.00	57.24 5.02 -4.88	53.18 4.34 -7.88	40.82 3.00 -0.25	38.58 3.02 0.00
WDELAWARE__HYD 323627	39.20 1.33 0.00	37.64 1.27 0.00	35.67 1.17 0.00	35.69 1.21 0.00	37.36 1.37 0.00	42.15 1.58 0.00	55.07 2.32 0.00	68.17 3.18 0.00	57.92 2.81 0.00	45.41 2.04 0.00	40.15 1.69 0.00	36.64 1.37 0.00	34.70 1.17 0.00	33.57 1.07 0.00	31.99 1.08 0.00	32.17 1.12 0.00	35.66 1.31 0.00	40.94 1.69 0.00	50.22 2.11 0.00	57.57 2.74 0.00	49.67 2.32 0.00	42.88 1.93 0.00	39.07 1.50 0.00	37.05 1.49 0.00

WEST BABYLON___IC 23714	40.23 2.35 0.00	38.36 2.00 0.00	36.36 1.86 0.00	36.25 1.76 0.00	38.16 2.16 0.00	43.41 2.84 0.00	60.05 4.38 -2.92	72.91 5.65 -2.27	59.96 4.85 0.00	47.03 3.64 -0.01	41.77 3.27 -0.04	38.21 2.89 -0.05	36.18 2.65 0.00	34.97 2.47 0.00	33.60 2.57 -0.13	33.69 2.61 -0.03	37.41 3.06 0.00	43.46 3.69 -0.51	57.59 4.76 -4.73	60.37 5.54 0.00	56.96 4.74 -4.88	52.93 4.10 -7.88	40.98 3.16 -0.26	38.43 2.88 0.00
WEST CANADA___HYD 24049	37.99 0.11 0.00	36.47 0.11 0.00	34.60 0.10 0.00	34.59 0.10 0.00	36.10 0.11 0.00	40.73 0.16 0.00	53.02 0.27 0.00	65.31 0.33 0.00	55.44 0.33 0.00	43.59 0.22 0.00	38.65 0.19 0.00	35.44 0.18 0.00	33.69 0.17 0.00	32.67 0.16 0.00	31.06 0.16 0.00	31.21 0.16 0.00	34.52 0.17 0.00	39.49 0.24 0.00	48.44 0.34 0.00	55.16 0.33 0.00	47.64 0.29 0.00	41.25 0.29 0.00	37.75 0.19 0.00	35.73 0.18 0.00
WESTERN_NY_WIND 24143	37.61 -0.27 0.00	35.75 -0.62 0.00	33.74 -0.76 0.00	33.83 -0.66 0.00	34.99 -1.01 0.00	39.63 -0.93 0.00	50.48 -2.27 0.00	62.06 -2.92 0.00	52.19 -2.92 0.00	41.59 -1.78 0.00	36.65 -1.81 0.00	33.26 -2.01 0.00	31.51 -2.01 0.00	30.55 -1.95 0.00	28.90 -2.01 0.00	29.13 -1.93 0.00	31.91 -2.44 0.00	36.39 -2.87 0.00	44.02 -4.09 0.00	50.38 -4.44 0.01	42.63 -3.65 1.07	36.92 -3.40 0.63	34.93 -2.63 0.00	32.92 -2.63 0.00
WESTOVER___LESR 323668	38.03 0.15 0.00	36.36 0.00 0.00	34.46 -0.03 0.00	34.45 -0.03 0.00	35.85 -0.14 0.00	40.40 -0.16 0.00	52.28 -0.47 0.00	64.40 -0.58 0.00	54.40 -0.72 0.00	42.98 -0.39 0.00	38.00 -0.46 0.00	34.74 -0.53 0.00	33.02 -0.50 0.00	31.98 -0.52 0.00	30.38 -0.53 0.00	30.50 -0.56 0.00	33.66 -0.69 0.00	38.39 -0.86 0.00	47.00 -1.11 0.00	53.68 -1.15 0.00	45.93 -1.14 0.29	39.76 -1.02 0.17	36.85 -0.71 0.00	34.95 -0.60 0.00
WETHRSFD_WT_PWR 323626	37.20 -0.68 0.00	35.31 -1.06 0.00	33.49 -1.00 0.00	33.42 -1.07 0.00	34.63 -1.37 0.00	38.94 -1.62 0.00	50.06 -2.69 0.00	60.95 -4.03 0.00	50.92 -4.19 0.00	40.51 -2.86 0.00	35.46 -3.00 0.00	32.66 -2.61 0.00	30.95 -2.58 0.00	30.00 -2.50 0.00	28.34 -2.56 0.00	28.39 -2.67 0.00	31.29 -3.06 0.00	35.52 -3.73 0.00	43.25 -4.86 0.00	48.94 -5.81 0.07	35.25 -5.26 6.84	32.14 -4.75 4.07	33.73 -3.83 0.00	31.93 -3.63 0.00
WHAVSTOR_138KV_BK127 55557	38.94 1.06 0.00	37.35 0.98 0.00	35.39 0.90 0.00	35.38 0.90 0.00	37.00 1.01 0.00	41.70 1.14 0.00	54.54 1.79 0.00	67.45 2.47 0.00	57.48 2.37 0.00	45.37 2.00 0.00	40.23 1.77 0.00	36.86 1.59 -0.01	35.00 1.48 0.00	33.97 1.46 0.00	32.38 1.45 -0.02	32.55 1.49 0.00	35.97 1.61 0.00	41.14 1.88 0.00	50.51 2.41 0.00	57.73 2.91 0.00	49.86 2.51 0.00	43.17 2.21 0.00	39.29 1.73 0.00	37.15 1.60 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	38.94 1.06 0.00	37.35 0.98 0.00	35.39 0.90 0.00	35.38 0.90 0.00	37.00 1.01 0.00	41.70 1.14 0.00	54.54 1.79 0.00	67.45 2.47 0.00	57.48 2.37 0.00	45.37 2.00 0.00	40.23 1.77 0.00	36.86 1.59 -0.01	35.00 1.48 0.00	33.97 1.46 0.00	32.38 1.45 -0.02	32.55 1.49 0.00	35.97 1.61 0.00	41.14 1.88 0.00	50.51 2.41 0.00	57.73 2.91 0.00	49.86 2.51 0.00	43.17 2.21 0.00	39.29 1.73 0.00	37.15 1.60 0.00
WHITEHAL_115KV_TB1 80871	39.28 1.40 0.00	37.71 1.35 0.00	35.81 1.31 0.00	35.76 1.28 0.00	37.51 1.51 0.00	42.43 1.87 0.00	55.71 2.95 0.00	68.69 3.70 0.00	57.81 2.70 0.00	45.06 1.69 0.00	40.50 2.04 0.00	36.92 1.66 0.00	34.87 1.34 0.00	33.74 1.24 0.00	32.08 1.17 0.00	32.39 1.34 0.00	36.00 1.65 0.00	41.69 2.43 0.00	51.91 3.80 0.00	59.05 4.22 0.00	50.90 3.55 0.00	44.15 3.19 0.00	40.30 2.74 0.00	38.08 2.52 0.00
WHITEPLN_13_KV_LOAD 356215	39.51 1.63 0.00	37.89 1.53 0.00	35.91 1.41 0.00	35.87 1.38 0.00	37.58 1.58 0.00	42.35 1.78 0.00	55.44 2.69 0.00	68.56 3.57 0.00	58.53 3.42 0.00	46.10 2.73 0.00	40.93 2.46 -0.01	37.46 2.15 -0.05	35.57 2.05 0.00	34.49 1.98 0.00	32.99 1.98 -0.11	33.10 2.02 -0.02	36.58 2.23 0.00	41.84 2.59 0.00	51.47 3.37 0.00	58.78 3.95 0.00	50.71 3.36 0.00	43.86 2.91 0.00	39.89 2.33 0.00	37.69 2.13 0.00
WM_FLOYD_69_KV_BK2 356380	39.32 1.44 0.00	37.49 1.13 0.00	35.50 1.00 0.00	35.45 0.97 0.00	37.26 1.26 0.00	42.72 2.15 0.00	59.42 3.75 -2.92	71.80 4.55 -2.27	58.97 3.86 0.00	46.07 2.69 -0.01	41.10 2.62 -0.02	37.58 2.26 -0.05	35.61 2.08 0.00	34.45 1.95 0.00	33.23 2.19 -0.13	33.23 2.14 -0.03	36.96 2.61 0.00	42.94 3.18 -0.51	56.82 3.99 -4.73	59.32 4.50 0.00	56.20 3.98 -4.88	52.64 3.81 -7.88	40.73 2.93 -0.24	37.79 2.24 0.00
WOODARD___115KV_TB2 355635	37.16 -0.72 0.00	35.64 -0.73 0.00	33.77 -0.72 0.00	33.76 -0.72 0.00	35.17 -0.83 0.00	39.67 -0.89 0.00	51.22 -1.53 0.00	63.10 -1.88 0.00	53.40 -1.71 0.00	42.11 -1.26 0.00	37.31 -1.15 0.00	34.21 -1.06 0.00	32.52 -1.01 0.00	31.50 -1.01 0.00	29.92 -0.99 0.00	30.06 -0.99 0.00	33.22 -1.13 0.00	37.92 -1.33 0.00	46.37 -1.73 0.00	52.91 -1.92 0.00	45.79 -1.56 0.00	39.52 -1.43 0.00	36.47 -1.09 0.00	34.56 -1.00 0.00
YORK___WARBASSE 23770	55.37 2.08 -15.41	55.33 1.96 -17.00	50.56 1.79 -14.28	54.66 1.79 -18.38	55.40 1.98 -17.43	55.38 2.19 -12.63	56.41 3.01 -0.65	68.69 3.70 0.00	61.50 3.80 -2.59	58.23 3.25 -11.61	58.41 2.92 -17.02	60.49 2.57 -22.65	60.11 2.45 -24.14	62.53 2.34 -27.69	61.92 2.35 -28.67	62.54 2.36 -29.12	62.33 2.61 -25.37	90.66 3.10 -48.31	106.59 3.85 -54.63	106.59 4.39 -47.37	60.36 3.74 -9.27	60.28 3.32 -16.00	58.04 2.78 -17.70	55.29 2.56 -17.18