

Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion										08/09/2025		
Name	PTID	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									
59TH STREET_GT_1	24138	41.71	36.78	34.44	32.10	32.98	33.39	33.29	33.60	31.72	31.63	34.52	38.98	42.44	45.94	48.20	50.28	57.57	66.48	73.65	74.42	66.06	57.76	49.98	45.66									
		1.49	1.35	1.20	1.15	1.12	1.10	1.25	1.35	1.34	1.48	1.68	1.77	1.96	1.95	1.91	1.78	1.73	1.68	1.51	1.67	1.10	0.97	1.31	1.42									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.28	-0.52	-0.75	-0.78	-0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
74TH STREET_GT_1	24260	41.79	36.86	34.50	32.16	33.01	33.46	33.36	33.63	31.72	31.66	34.52	39.02	42.48	45.99	48.24	50.33	57.62	66.55	73.72	74.50	66.12	57.82	50.07	45.75									
		1.57	1.42	1.26	1.21	1.15	1.16	1.31	1.39	1.34	1.51	1.68	1.81	2.00	1.99	1.96	1.83	1.79	1.75	1.59	1.75	1.17	1.02	1.41	1.50									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.28	-0.52	-0.75	-0.78	-0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
74TH STREET_GT_2	24261	41.79	36.86	34.50	32.16	33.01	33.46	33.36	33.63	31.72	31.66	34.52	39.02	42.48	45.99	48.24	50.33	57.62	66.55	73.72	74.50	66.12	57.82	50.07	45.75									
		1.57	1.42	1.26	1.21	1.15	1.16	1.31	1.39	1.34	1.51	1.68	1.81	2.00	1.99	1.96	1.83	1.79	1.75	1.59	1.75	1.17	1.02	1.41	1.50									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.28	-0.52	-0.75	-0.78	-0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ADK HUDSON___FALLS	24011	41.87	36.93	34.57	32.19	33.20	33.68	33.42	33.40	31.24	30.72	33.14	36.80	39.45	42.37	44.92	47.84	56.51	66.23	75.24	76.17	68.01	59.47	50.76	46.06									
		1.65	1.49	1.33	1.24	1.34	1.39	1.38	1.16	0.85	0.57	0.30	0.15	0.00	-0.13	0.18	0.24	0.67	1.43	3.10	3.42	3.05	2.67	2.09	1.81									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.51	0.74	0.77	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ADK RESOURCE___RCVRY	23798	42.07	37.07	34.70	32.25	33.30	33.81	33.55	33.53	31.30	30.81	33.21	36.88	39.53	42.60	44.97	47.98	56.73	66.55	75.74	76.68	68.59	59.86	51.00	46.28									
		1.85	1.63	1.46	1.30	1.44	1.52	1.51	1.29	0.91	0.66	0.36	0.22	0.08	0.09	0.23	0.38	0.89	1.75	3.61	3.93	3.64	3.06	2.34	2.04									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.51	0.73	0.76	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ADK S GLENS___FALLS	24028	41.87	36.93	34.57	32.19	33.20	33.68	33.42	33.40	31.24	30.72	33.14	36.80	39.45	42.37	44.92	47.84	56.51	66.23	75.24	76.17	68.01	59.47	50.76	46.06									
		1.65	1.49	1.33	1.24	1.34	1.39	1.38	1.16	0.85	0.57	0.30	0.15	0.00	-0.13	0.18	0.24	0.67	1.43	3.10	3.42	3.05	2.67	2.09	1.81									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.51	0.74	0.77	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ADK_NYS___DAM	23527	41.18	36.47	34.27	31.94	32.94	33.36	33.14	33.30	31.24	30.79	33.44	36.60	39.10	41.87	44.08	47.27	56.12	65.83	73.44	74.21	66.19	57.93	49.59	45.35									
		0.96	1.03	1.03	0.99	1.08	1.06	1.09	1.06	0.85	0.63	0.59	0.26	0.24	0.22	0.23	0.19	0.28	1.03	1.30	1.45	1.23	1.14	0.92	1.11									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	1.10	1.59	1.65	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
AIR_PRODUCTS___DRP	24190	39.86	35.40	33.31	31.11	32.02	32.42	32.17	32.21	30.24	29.88	32.55	36.18	38.82	41.51	43.78	46.42	54.38	63.37	70.69	71.30	63.46	55.60	47.69	43.45									
		-0.36	-0.04	0.07	0.15	0.16	0.13	0.13	-0.03	-0.15	-0.27	-0.30	-0.52	-0.72	-1.12	-1.09	-1.25	-1.45	-1.43	-1.44	-1.46	-1.49	-1.19	-0.97	-0.80									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.42	0.61	0.64	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
AKWESSNE_115KV_BK	355683	40.90	36.08	33.81	31.45	32.34	32.78	32.56	32.73	30.81	30.63	33.44	37.56	40.56	43.89	46.14	48.76	56.62	65.64	72.78	73.41	65.82	56.98	47.90	43.07									
		0.68	0.64	0.57	0.50	0.48	0.48	0.51	0.48	0.43	0.48	0.59	0.63	0.60	0.65	0.64	0.72	0.78	0.84	0.65	0.65	0.91	0.97	0.83	0.84									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.79	1.59	2.02									
ALBANY_1_SOLAR	323833	40.86	36.15	33.97	31.66	32.66	33.10	32.78	32.66	30.48	30.03	32.65	36.41	39.20	41.19	43.44	45.56	51.29	57.93	70.96	71.91	64.04	56.10	47.16	43.76									
		0.64	0.71	0.73	0.71	0.80	0.81	0.74	0.42	0.09	-0.12	-0.20	-0.37	-0.48	-1.64	-1.64	-1.63	-1.73	-1.56	-1.16	-0.80	-0.91	-0.68	-0.58	-0.49									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.29	0.41	0.43	0.85	2.81	5.32	0.02	0.04	0.00	0.02	0.92	0.00									
ALBANY_2_SOLAR	323834	40.82	36.15	33.97	31.66	32.66	33.10	32.78	32.66	30.48	30.03	32.65	36.41	39.20	41.19	43.44	45.51	51.23	57.93	70.89	71.84	64.04	56.04	47.16	43.76									
		0.60	0.71	0.73	0.71	0.80	0.81	0.74	0.42	0.09	-0.12	-0.20	-0.37	-0.48	-1.64	-1.64	-1.68	-1.79	-1.56	-1.23	-0.87	-0.91	-0.74	-0.58	-0.49									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.29	0.41	0.43	0.85	2.81	5.31	0.02	0.04	0.00	0.02	0.92	0.00									
ALBANY___1	23571	39.86	35.40	33.31	31.11	32.02	32.42	32.17	32.21	30.24	29.88	32.55	36.18	38.82	41.51	43.78	46.42	54.38	63.37	70.69	71.30	63.46	55.60	47.69	43.45									
		-0.36	-0.04	0.07	0.15	0.16	0.13	0.13	-0.03	-0.15	-0.27	-0.30	-0.52	-0.72	-1.12	-1.09	-1.25	-1.45	-1.43	-1.44	-1.46	-1.49	-1.19	-0.97	-0.80									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.42	0.61	0.64	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									

ALBANY___2 23572	39.86 -0.36 0.00	35.40 -0.04 0.00	33.31 0.07 0.00	31.11 0.15 0.00	32.02 0.16 0.00	32.42 0.13 0.00	32.17 0.13 0.00	32.21 -0.03 0.00	30.24 -0.15 0.00	29.88 -0.27 0.00	32.55 -0.30 0.00	36.18 -0.52 0.23	38.82 -0.72 0.42	41.51 -1.12 0.61	43.78 -1.09 0.64	46.42 -1.25 0.37	54.38 -1.45 0.00	63.37 -1.43 0.00	70.69 -1.44 0.00	71.30 -1.46 0.00	63.46 -1.49 0.00	55.60 -1.19 0.00	47.69 -0.97 0.00	43.45 -0.80 0.00
ALBANY___3 23573	39.86 -0.36 0.00	35.40 -0.04 0.00	33.31 0.07 0.00	31.11 0.15 0.00	32.02 0.16 0.00	32.42 0.13 0.00	32.17 0.13 0.00	32.21 -0.03 0.00	30.24 -0.15 0.00	29.88 -0.27 0.00	32.55 -0.30 0.00	36.18 -0.52 0.23	38.82 -0.72 0.42	41.51 -1.12 0.61	43.78 -1.09 0.64	46.42 -1.25 0.37	54.38 -1.45 0.00	63.37 -1.43 0.00	70.69 -1.44 0.00	71.30 -1.46 0.00	63.46 -1.49 0.00	55.60 -1.19 0.00	47.69 -0.97 0.00	43.45 -0.80 0.00
ALBANY___4 23574	39.86 -0.36 0.00	35.40 -0.04 0.00	33.31 0.07 0.00	31.11 0.15 0.00	32.02 0.16 0.00	32.42 0.13 0.00	32.17 0.13 0.00	32.21 -0.03 0.00	30.24 -0.15 0.00	29.88 -0.27 0.00	32.55 -0.30 0.00	36.18 -0.52 0.23	38.82 -0.72 0.42	41.51 -1.12 0.61	43.78 -1.09 0.64	46.42 -1.25 0.37	54.38 -1.45 0.00	63.37 -1.43 0.00	70.69 -1.44 0.00	71.30 -1.46 0.00	63.46 -1.49 0.00	55.60 -1.19 0.00	47.69 -0.97 0.00	43.45 -0.80 0.00
ALBANY___LFGE 323615	40.34 0.12 0.00	35.76 0.32 0.00	33.61 0.37 0.00	31.32 0.37 0.00	32.31 0.45 0.00	32.74 0.45 0.00	32.49 0.45 0.00	32.50 0.26 0.00	30.51 0.12 0.00	30.15 0.00 0.00	32.84 0.00 0.00	36.50 -0.18 0.25	39.14 -0.36 0.46	41.93 -0.65 0.67	44.17 -0.64 0.69	46.97 -0.67 0.40	55.11 -0.73 0.00	64.22 -0.58 0.00	71.71 -0.43 0.00	72.17 -0.58 0.00	64.30 -0.65 0.00	56.23 -0.57 0.00	48.18 -0.49 0.00	43.85 -0.40 0.00
ALCOA_PA_115KV_PL-6C 55860	41.38 1.17 0.00	36.47 1.03 0.00	34.17 0.93 0.00	31.79 0.84 0.00	32.66 0.80 0.00	33.10 0.81 0.00	32.91 0.87 0.00	33.02 0.77 0.00	31.12 0.73 0.00	30.94 0.78 0.00	33.76 0.92 0.00	37.93 1.00 0.00	40.92 0.96 0.00	44.33 1.08 0.00	46.59 1.09 0.00	49.24 1.20 0.00	57.18 1.34 0.00	66.29 1.49 0.00	73.29 1.15 0.00	73.92 1.16 0.00	67.04 1.62 -0.46	66.89 1.59 -8.50	67.29 1.41 -17.22	67.42 1.33 -21.84
ALCOA_RYNLDS___DRP 24188	41.38 1.17 0.00	36.47 1.03 0.00	34.17 0.93 0.00	31.79 0.84 0.00	32.66 0.80 0.00	33.10 0.81 0.00	32.91 0.87 0.00	33.02 0.77 0.00	31.12 0.73 0.00	30.94 0.78 0.00	33.76 0.92 0.00	37.93 1.00 0.00	40.92 0.96 0.00	44.33 1.08 0.00	46.59 1.09 0.00	49.24 1.20 0.00	57.18 1.34 0.00	66.29 1.49 0.00	73.29 1.15 0.00	73.92 1.16 0.00	67.04 1.62 -0.46	66.89 1.59 -8.50	67.29 1.41 -17.22	67.42 1.33 -21.84
ALCOA___DSASP 323711	41.38 1.17 0.00	36.47 1.03 0.00	34.17 0.93 0.00	31.79 0.84 0.00	32.66 0.80 0.00	33.10 0.81 0.00	32.91 0.87 0.00	33.01 0.77 0.00	31.12 0.73 0.00	30.93 0.78 0.00	33.76 0.92 0.00	37.93 1.00 0.00	40.92 0.96 0.00	44.41 1.17 0.00	46.68 1.18 0.00	49.25 1.20 0.00	57.17 1.34 0.00	66.29 1.49 0.00	73.29 1.15 0.00	73.91 1.16 0.00	66.64 1.23 -0.46	66.88 1.59 -8.50	67.29 1.41 -17.22	67.50 1.42 -21.84
ALLEGHENY___COGEN 23514	42.83 2.61 0.00	37.21 1.77 0.00	34.84 1.60 0.00	32.22 1.27 0.00	32.97 1.11 0.00	33.39 1.10 0.00	33.17 1.12 0.00	33.76 1.52 0.00	31.85 1.46 0.00	31.18 1.03 0.00	33.60 0.76 0.00	38.30 1.37 0.00	41.84 1.88 0.00	45.50 2.25 -0.01	48.01 2.50 -0.01	50.93 2.88 -0.01	57.68 1.84 -0.01	67.65 2.85 0.00	76.54 4.40 0.00	78.50 5.75 0.00	70.80 5.85 0.00	61.00 4.20 0.00	53.87 5.21 0.00	48.54 4.29 0.00
ALTAMONT_115KV_TB 2 55880	40.50 0.28 0.00	35.79 0.35 0.00	33.64 0.40 0.00	31.38 0.43 0.00	32.34 0.48 0.00	32.74 0.45 0.00	32.49 0.45 0.00	32.56 0.32 0.00	30.57 0.18 0.00	30.24 0.09 0.00	32.94 0.10 0.00	36.74 -0.04 0.15	39.59 -0.08 0.29	42.49 -0.35 0.41	44.76 -0.32 0.43	47.40 -0.43 0.21	55.55 -0.45 -0.16	64.72 -0.39 -0.31	71.85 -0.29 0.00	72.61 -0.15 0.00	64.63 -0.32 0.00	56.63 -0.17 0.00	48.62 -0.10 -0.05	44.25 0.00 0.00
ALTONA_WT_PWR 323606	41.34 1.12 0.00	36.43 0.99 0.00	34.10 0.86 0.00	31.73 0.77 0.00	32.62 0.76 0.00	33.10 0.81 0.00	32.88 0.83 0.00	33.05 0.81 0.00	31.21 0.82 0.00	31.03 0.87 0.00	33.86 1.02 0.00	38.04 1.11 0.00	41.12 1.16 0.00	44.59 1.34 0.00	46.55 1.05 0.00	48.81 0.77 0.00	56.67 0.84 0.00	65.77 0.97 0.00	73.07 0.94 0.00	73.69 0.94 0.00	65.88 0.91 -0.02	58.30 1.14 -0.37	50.29 0.88 -0.75	46.26 1.06 -0.95
AMERICAN_REF_FUEL 24010	40.86 0.64 0.00	35.37 -0.07 0.00	33.37 0.13 0.00	30.89 -0.06 0.00	31.38 -0.48 0.00	31.65 -0.65 0.00	31.37 -0.67 0.00	32.82 0.58 0.00	31.45 1.06 0.00	31.60 1.45 0.00	34.09 1.25 0.00	39.07 2.14 0.00	42.76 2.80 0.00	46.53 3.24 -0.04	48.73 3.18 -0.04	51.54 3.46 -0.04	59.90 4.02 -0.04	69.02 4.21 -0.01	76.10 3.96 0.00	76.03 3.28 0.00	68.14 3.18 0.00	58.16 1.36 0.00	50.56 1.90 0.00	46.42 2.17 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	41.10 0.88 0.00	35.40 -0.04 0.00	33.24 0.00 0.00	30.70 -0.25 0.00	31.22 -0.64 0.00	31.55 -0.74 0.00	31.69 -0.35 0.00	32.79 0.55 0.00	31.85 1.46 0.00	32.02 1.87 0.00	35.01 2.17 0.00	40.32 3.40 0.00	44.24 4.28 0.00	48.77 5.49 -0.03	51.95 6.42 -0.03	54.66 6.58 -0.03	63.35 7.48 -0.03	72.13 7.32 -0.01	79.71 7.57 0.00	79.89 7.13 0.00	71.45 6.49 0.00	60.83 4.03 0.00	52.46 3.80 0.00	47.48 3.23 0.00
ARTHUR KILL_GT_1 23520	42.07 1.85 0.00	37.07 1.63 0.00	34.70 1.46 0.00	32.31 1.36 0.00	33.20 1.34 0.00	33.58 1.29 0.00	33.23 1.19 0.00	33.21 0.97 0.00	31.18 0.79 0.00	31.24 1.09 0.00	34.13 1.28 0.00	38.58 1.37 -0.28	42.04 1.56 -0.52	45.60 1.60 -0.75	47.88 1.59 -0.78	49.56 1.06 -0.46	56.67 0.84 0.00	65.97 1.17 0.00	73.15 1.01 0.00	73.92 1.16 0.00	65.60 0.65 0.00	57.14 0.34 0.00	49.98 1.31 0.00	46.24 1.99 0.00
ARTHUR_KILL_2 23512	41.95 1.73 -0.01	36.97 1.52 -0.01	34.58 1.33 -0.01	32.17 1.21 -0.01	33.08 1.21 -0.01	33.50 1.20 -0.01	33.14 1.09 0.00	33.11 0.87 0.00	31.09 0.70 0.00	31.15 0.99 0.00	34.02 1.18 0.00	38.43 1.22 -0.28	41.88 1.40 -0.52	45.29 1.30 -0.75	47.61 1.32 -0.78	49.41 0.91 -0.46	56.39 0.56 0.01	65.57 0.78 0.01	72.78 0.65 0.01	73.62 0.88 0.01	65.40 0.46 0.01	56.90 0.11 0.01	49.64 0.97 0.00	45.89 1.64 -0.01
ARTHUR_KILL_3 23513	41.34 1.12 0.00	36.47 1.03 0.00	34.07 0.83 0.00	31.75 0.80 0.00	32.62 0.76 0.00	33.10 0.81 0.00	33.01 0.96 0.00	33.30 1.06 0.00	31.45 1.06 0.00	31.36 1.21 0.00	34.22 1.38 0.00	38.65 1.44 -0.28	42.04 1.56 -0.52	45.42 1.42 -0.75	47.61 1.32 -0.78	49.75 1.25 -0.46	56.84 1.01 0.00	65.45 0.65 0.00	72.57 0.44 0.00	73.40 0.65 0.00	65.21 0.26 0.00	57.03 0.23 0.00	49.39 0.73 0.00	45.00 0.75 0.00

ARTHUR_KILL_COGEN 323718	42.08 1.85 -0.01	37.08 1.63 -0.01	34.68 1.43 -0.01	32.26 1.30 -0.01	33.17 1.31 -0.01	33.59 1.29 -0.01	33.23 1.19 0.00	33.21 0.97 0.00	31.18 0.79 0.00	31.24 1.08 0.00	34.12 1.28 0.00	38.58 1.37 -0.28	42.04 1.56 -0.52	45.47 1.47 -0.75	47.79 1.50 -0.78	49.61 1.11 -0.46	56.67 0.84 0.01	65.89 1.10 0.01	73.14 1.01 0.01	73.90 1.16 0.01	65.73 0.78 0.01	57.13 0.34 0.01	49.83 1.17 0.00	46.03 1.77 -0.01
ASHOKAN____ 23654	41.42 1.21 0.00	36.61 1.17 0.00	34.20 0.96 0.00	31.88 0.93 0.00	32.85 0.99 0.00	33.20 0.90 0.00	32.88 0.83 0.00	32.73 0.48 0.00	30.48 0.09 0.00	30.09 -0.06 0.00	32.81 -0.03 0.00	37.85 0.92 0.00	41.04 1.08 0.00	44.37 1.12 0.00	46.96 1.46 0.00	49.16 1.68 0.56	55.56 2.34 2.62	63.28 3.43 4.95	74.93 2.81 0.02	77.15 4.44 0.04	66.45 1.50 0.00	58.48 1.70 0.02	50.09 2.29 0.86	45.40 1.15 0.00
ASTORIA_EAST_ENERGY_CC1 323581	41.87 1.65 -0.01	36.93 1.49 -0.01	34.54 1.30 -0.01	32.14 1.18 -0.01	33.05 1.18 -0.01	33.63 1.32 -0.01	33.36 1.31 0.00	33.34 1.10 0.00	31.23 0.85 0.01	31.23 1.08 0.01	34.12 1.28 0.01	38.46 1.26 -0.27	41.83 1.36 -0.51	45.20 1.21 -0.75	47.46 1.18 -0.77	49.36 0.87 -0.45	56.39 0.56 0.01	65.31 0.52 0.01	72.42 0.29 0.01	73.18 0.44 0.01	65.08 0.13 0.01	56.90 0.11 0.01	49.54 0.88 0.00	45.40 1.15 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	41.84 1.61 -0.01	36.90 1.45 -0.01	34.51 1.26 -0.01	32.11 1.15 -0.01	33.05 1.18 -0.01	33.59 1.29 -0.01	33.36 1.31 0.00	33.34 1.10 0.00	31.23 0.85 0.01	31.23 1.08 0.01	34.12 1.28 0.01	38.46 1.26 -0.27	41.83 1.36 -0.51	45.20 1.21 -0.75	47.46 1.18 -0.77	49.36 0.87 -0.45	56.39 0.56 0.01	65.31 0.52 0.01	72.42 0.29 0.01	73.18 0.44 0.01	65.08 0.13 0.01	56.90 0.11 0.01	49.54 0.88 0.00	45.40 1.15 -0.01
ASTORIA_GT2_1 24094	41.87 1.65 0.00	36.89 1.45 0.00	34.54 1.30 0.00	32.16 1.21 0.00	33.07 1.21 0.00	33.62 1.32 0.00	33.36 1.31 0.00	33.34 1.10 0.00	31.24 0.85 0.00	31.27 1.12 0.00	34.13 1.28 0.00	38.50 1.29 -0.28	41.88 1.40 -0.52	45.34 1.34 -0.75	47.56 1.27 -0.78	49.36 0.86 -0.46	56.45 0.61 0.00	65.38 0.58 0.00	72.50 0.36 0.00	73.26 0.51 0.00	65.02 0.06 0.00	56.91 0.11 0.00	49.64 0.97 0.00	45.62 1.37 0.00
ASTORIA_GT2_2 24095	41.87 1.65 0.00	36.89 1.45 0.00	34.54 1.30 0.00	32.16 1.21 0.00	33.07 1.21 0.00	33.62 1.32 0.00	33.36 1.31 0.00	33.34 1.10 0.00	31.24 0.85 0.00	31.27 1.12 0.00	34.13 1.28 0.00	38.50 1.29 -0.28	41.88 1.40 -0.52	45.34 1.34 -0.75	47.56 1.27 -0.78	49.36 0.86 -0.46	56.45 0.61 0.00	65.38 0.58 0.00	72.50 0.36 0.00	73.26 0.51 0.00	65.02 0.06 0.00	56.91 0.11 0.00	49.64 0.97 0.00	45.62 1.37 0.00
ASTORIA_GT2_3 24096	41.87 1.65 0.00	36.89 1.45 0.00	34.54 1.30 0.00	32.16 1.21 0.00	33.07 1.21 0.00	33.62 1.32 0.00	33.36 1.31 0.00	33.34 1.10 0.00	31.24 0.85 0.00	31.27 1.12 0.00	34.13 1.28 0.00	38.50 1.29 -0.28	41.88 1.40 -0.52	45.34 1.34 -0.75	47.56 1.27 -0.78	49.36 0.86 -0.46	56.45 0.61 0.00	65.38 0.58 0.00	72.50 0.36 0.00	73.26 0.51 0.00	65.02 0.06 0.00	56.91 0.11 0.00	49.64 0.97 0.00	45.62 1.37 0.00
ASTORIA_GT2_4 24097	41.87 1.65 0.00	36.89 1.45 0.00	34.54 1.30 0.00	32.16 1.21 0.00	33.07 1.21 0.00	33.62 1.32 0.00	33.36 1.31 0.00	33.34 1.10 0.00	31.24 0.85 0.00	31.27 1.12 0.00	34.13 1.28 0.00	38.50 1.29 -0.28	41.88 1.40 -0.52	45.34 1.34 -0.75	47.56 1.27 -0.78	49.36 0.86 -0.46	56.45 0.61 0.00	65.38 0.58 0.00	72.50 0.36 0.00	73.26 0.51 0.00	65.02 0.06 0.00	56.91 0.11 0.00	49.64 0.97 0.00	45.62 1.37 0.00
ASTORIA_GT3_1 24098	41.87 1.65 0.00	36.89 1.45 0.00	34.54 1.30 0.00	32.16 1.21 0.00	33.07 1.21 0.00	33.62 1.32 0.00	33.36 1.31 0.00	33.34 1.10 0.00	31.24 0.85 0.00	31.27 1.12 0.00	34.13 1.28 0.00	38.50 1.29 -0.28	41.88 1.40 -0.52	45.34 1.34 -0.75	47.56 1.27 -0.78	49.36 0.86 -0.46	56.45 0.61 0.00	65.38 0.58 0.00	72.50 0.36 0.00	73.26 0.51 0.00	65.02 0.06 0.00	56.91 0.11 0.00	49.64 0.97 0.00	45.62 1.37 0.00
ASTORIA_GT3_2 24099	41.87 1.65 0.00	36.89 1.45 0.00	34.54 1.30 0.00	32.16 1.21 0.00	33.07 1.21 0.00	33.62 1.32 0.00	33.36 1.31 0.00	33.34 1.10 0.00	31.24 0.85 0.00	31.27 1.12 0.00	34.13 1.28 0.00	38.50 1.29 -0.28	41.88 1.40 -0.52	45.34 1.34 -0.75	47.56 1.27 -0.78	49.36 0.86 -0.46	56.45 0.61 0.00	65.38 0.58 0.00	72.50 0.36 0.00	73.26 0.51 0.00	65.02 0.06 0.00	56.91 0.11 0.00	49.64 0.97 0.00	45.62 1.37 0.00
ASTORIA_GT3_3 24100	41.87 1.65 0.00	36.89 1.45 0.00	34.54 1.30 0.00	32.16 1.21 0.00	33.07 1.21 0.00	33.62 1.32 0.00	33.36 1.31 0.00	33.34 1.10 0.00	31.24 0.85 0.00	31.27 1.12 0.00	34.13 1.28 0.00	38.50 1.29 -0.28	41.88 1.40 -0.52	45.34 1.34 -0.75	47.56 1.27 -0.78	49.36 0.86 -0.46	56.45 0.61 0.00	65.38 0.58 0.00	72.50 0.36 0.00	73.26 0.51 0.00	65.02 0.06 0.00	56.91 0.11 0.00	49.64 0.97 0.00	45.62 1.37 0.00
ASTORIA_GT3_4 24101	41.87 1.65 0.00	36.89 1.45 0.00	34.54 1.30 0.00	32.16 1.21 0.00	33.07 1.21 0.00	33.62 1.32 0.00	33.36 1.31 0.00	33.34 1.10 0.00	31.24 0.85 0.00	31.27 1.12 0.00	34.13 1.28 0.00	38.50 1.29 -0.28	41.88 1.40 -0.52	45.34 1.34 -0.75	47.56 1.27 -0.78	49.36 0.86 -0.46	56.45 0.61 0.00	65.38 0.58 0.00	72.50 0.36 0.00	73.26 0.51 0.00	65.02 0.06 0.00	56.91 0.11 0.00	49.64 0.97 0.00	45.62 1.37 0.00
ASTORIA_GT4_1 24102	41.87 1.65 0.00	36.89 1.45 0.00	34.54 1.30 0.00	32.16 1.21 0.00	33.07 1.21 0.00	33.62 1.32 0.00	33.36 1.31 0.00	33.34 1.10 0.00	31.24 0.85 0.00	31.27 1.12 0.00	34.13 1.28 0.00	38.50 1.29 -0.28	41.88 1.40 -0.52	45.34 1.34 -0.75	47.56 1.27 -0.78	49.36 0.86 -0.46	56.45 0.61 0.00	65.38 0.58 0.00	72.50 0.36 0.00	73.26 0.51 0.00	65.02 0.06 0.00	56.91 0.11 0.00	49.64 0.97 0.00	45.62 1.37 0.00
ASTORIA_GT4_2 24103	41.87 1.65 0.00	36.89 1.45 0.00	34.54 1.30 0.00	32.16 1.21 0.00	33.07 1.21 0.00	33.62 1.32 0.00	33.36 1.31 0.00	33.34 1.10 0.00	31.24 0.85 0.00	31.27 1.12 0.00	34.13 1.28 0.00	38.50 1.29 -0.28	41.88 1.40 -0.52	45.34 1.34 -0.75	47.56 1.27 -0.78	49.36 0.86 -0.46	56.45 0.61 0.00	65.38 0.58 0.00	72.50 0.36 0.00	73.26 0.51 0.00	65.02 0.06 0.00	56.91 0.11 0.00	49.64 0.97 0.00	45.62 1.37 0.00
ASTORIA_GT4_3 24104	41.87 1.65 0.00	36.89 1.45 0.00	34.54 1.30 0.00	32.16 1.21 0.00	33.07 1.21 0.00	33.62 1.32 0.00	33.36 1.31 0.00	33.34 1.10 0.00	31.24 0.85 0.00	31.27 1.12 0.00	34.13 1.28 0.00	38.50 1.29 -0.28	41.88 1.40 -0.52	45.34 1.34 -0.75	47.56 1.27 -0.78	49.36 0.86 -0.46	56.45 0.61 0.00	65.38 0.58 0.00	72.50 0.36 0.00	73.26 0.51 0.00	65.02 0.06 0.00	56.91 0.11 0.00	49.64 0.97 0.00	45.62 1.37 0.00

ASTORIA_GT4_4 24105	41.87 1.65 0.00	36.89 1.45 0.00	34.54 1.30 0.00	32.16 1.21 0.00	33.07 1.21 0.00	33.62 1.32 0.00	33.36 1.31 0.00	33.34 1.10 0.00	31.24 0.85 0.00	31.27 1.12 0.00	34.13 1.28 0.00	38.50 1.29 -0.28	41.88 1.40 -0.52	45.34 1.34 -0.75	47.56 1.27 -0.78	49.36 0.86 -0.46	56.45 0.61 0.00	65.38 0.58 0.00	72.50 0.36 0.00	73.26 0.51 0.00	65.02 0.06 0.00	56.91 0.11 0.00	49.64 0.97 0.00	45.62 1.37 0.00
ASTORIA_GT_1 23523	41.95 1.73 0.00	36.96 1.52 0.00	34.60 1.36 0.00	32.22 1.27 0.00	33.10 1.24 0.00	33.65 1.36 0.00	33.42 1.38 0.00	33.40 1.16 0.00	31.30 0.91 0.00	31.33 1.18 0.00	34.22 1.38 0.00	38.58 1.37 -0.28	41.96 1.48 -0.52	45.43 1.43 -0.75	47.70 1.41 -0.78	49.46 0.96 -0.46	56.62 0.78 0.00	65.58 0.78 0.00	72.64 0.50 0.00	73.48 0.73 0.00	65.21 0.26 0.00	57.08 0.28 0.00	49.73 1.07 0.00	45.71 1.46 0.00
ASTORIA_GT_10 24110	41.71 1.49 0.00	36.82 1.38 0.00	34.47 1.23 0.00	32.13 1.18 0.00	33.01 1.15 0.00	33.42 1.13 0.00	33.23 1.19 0.00	33.31 1.06 0.00	31.36 0.97 0.00	31.36 1.21 0.00	34.22 1.38 0.00	38.61 1.40 -0.28	42.00 1.52 -0.52	45.47 1.47 -0.75	47.70 1.41 -0.78	49.51 1.01 -0.46	56.56 0.73 0.00	65.38 0.58 0.00	72.42 0.29 0.00	73.26 0.51 0.00	65.02 0.06 0.00	56.91 0.11 0.00	49.64 0.97 0.00	45.62 1.37 0.00
ASTORIA_GT_11 24225	41.71 1.49 0.00	36.82 1.38 0.00	34.47 1.23 0.00	32.13 1.18 0.00	33.01 1.15 0.00	33.42 1.13 0.00	33.23 1.19 0.00	33.31 1.06 0.00	31.36 0.97 0.00	31.36 1.21 0.00	34.22 1.38 0.00	38.61 1.40 -0.28	42.00 1.52 -0.52	45.47 1.47 -0.75	47.70 1.41 -0.78	49.51 1.01 -0.46	56.56 0.73 0.00	65.38 0.58 0.00	72.42 0.29 0.00	73.26 0.51 0.00	65.02 0.06 0.00	56.91 0.11 0.00	49.64 0.97 0.00	45.62 1.37 0.00
ASTORIA_GT_12 24226	41.71 1.49 0.00	36.82 1.38 0.00	34.47 1.23 0.00	32.13 1.18 0.00	33.01 1.15 0.00	33.42 1.13 0.00	33.23 1.19 0.00	33.31 1.06 0.00	31.36 0.97 0.00	31.36 1.21 0.00	34.22 1.38 0.00	38.61 1.40 -0.28	42.00 1.52 -0.52	45.47 1.47 -0.75	47.70 1.41 -0.78	49.51 1.01 -0.46	56.56 0.73 0.00	65.38 0.58 0.00	72.42 0.29 0.00	73.26 0.51 0.00	65.02 0.06 0.00	56.91 0.11 0.00	49.64 0.97 0.00	45.62 1.37 0.00
ASTORIA_GT_13 24227	41.71 1.49 0.00	36.82 1.38 0.00	34.47 1.23 0.00	32.13 1.18 0.00	33.01 1.15 0.00	33.42 1.13 0.00	33.23 1.19 0.00	33.31 1.06 0.00	31.36 0.97 0.00	31.36 1.21 0.00	34.22 1.38 0.00	38.61 1.40 -0.28	42.00 1.52 -0.52	45.47 1.47 -0.75	47.70 1.41 -0.78	49.51 1.01 -0.46	56.56 0.73 0.00	65.38 0.58 0.00	72.42 0.29 0.00	73.26 0.51 0.00	65.02 0.06 0.00	56.91 0.11 0.00	49.64 0.97 0.00	45.62 1.37 0.00
ASTORIA_GT_5 24106	41.95 1.73 0.00	36.96 1.52 0.00	34.60 1.36 0.00	32.22 1.27 0.00	33.10 1.24 0.00	33.65 1.36 0.00	33.42 1.38 0.00	33.40 1.16 0.00	31.30 0.91 0.00	31.33 1.18 0.00	34.22 1.38 0.00	38.58 1.37 -0.28	41.96 1.48 -0.52	45.43 1.43 -0.75	47.70 1.41 -0.78	49.46 0.96 -0.46	56.62 0.78 0.00	65.58 0.78 0.00	72.64 0.50 0.00	73.48 0.73 0.00	65.21 0.26 0.00	57.08 0.28 0.00	49.73 1.07 0.00	45.71 1.46 0.00
ASTORIA_GT_7 24107	41.95 1.73 0.00	36.96 1.52 0.00	34.60 1.36 0.00	32.22 1.27 0.00	33.10 1.24 0.00	33.65 1.36 0.00	33.42 1.38 0.00	33.40 1.16 0.00	31.30 0.91 0.00	31.33 1.18 0.00	34.22 1.38 0.00	38.58 1.37 -0.28	41.96 1.48 -0.52	45.43 1.43 -0.75	47.70 1.41 -0.78	49.46 0.96 -0.46	56.62 0.78 0.00	65.58 0.78 0.00	72.64 0.50 0.00	73.48 0.73 0.00	65.21 0.26 0.00	57.08 0.28 0.00	49.73 1.07 0.00	45.71 1.46 0.00
ASTORIA_GT_8 24108	41.95 1.73 0.00	36.96 1.52 0.00	34.60 1.36 0.00	32.22 1.27 0.00	33.10 1.24 0.00	33.65 1.36 0.00	33.42 1.38 0.00	33.40 1.16 0.00	31.30 0.91 0.00	31.33 1.18 0.00	34.22 1.38 0.00	38.58 1.37 -0.28	41.96 1.48 -0.52	45.43 1.43 -0.75	47.70 1.41 -0.78	49.46 0.96 -0.46	56.62 0.78 0.00	65.58 0.78 0.00	72.64 0.50 0.00	73.48 0.73 0.00	65.21 0.26 0.00	57.08 0.28 0.00	49.73 1.07 0.00	45.71 1.46 0.00
ASTORIA___2 24149	41.87 1.65 -0.01	36.93 1.49 -0.01	34.54 1.30 -0.01	32.14 1.18 -0.01	33.05 1.18 -0.01	33.63 1.32 -0.01	33.36 1.31 0.00	33.34 1.10 0.00	31.23 0.85 0.01	31.26 1.12 0.01	34.12 1.28 0.01	38.49 1.29 -0.27	41.87 1.40 -0.51	45.20 1.21 -0.75	47.46 1.18 -0.77	49.36 0.87 -0.45	56.44 0.62 0.01	65.31 0.52 0.01	72.49 0.36 0.01	73.26 0.51 0.01	65.14 0.20 0.01	56.90 0.11 0.01	49.54 0.88 0.00	45.45 1.20 -0.01
ASTORIA___3 23516	41.71 1.49 -0.01	36.83 1.38 -0.01	34.44 1.19 -0.01	32.07 1.11 -0.01	32.95 1.08 -0.01	33.43 1.13 -0.01	33.23 1.19 0.00	33.30 1.06 0.00	31.36 0.97 0.00	31.36 1.21 0.00	34.22 1.38 0.00	38.61 1.40 -0.28	42.00 1.52 -0.52	45.38 1.38 -0.75	47.61 1.32 -0.78	49.51 1.01 -0.46	56.55 0.72 0.01	65.31 0.52 0.01	72.42 0.29 0.01	73.18 0.44 0.01	65.08 0.13 0.01	56.90 0.11 0.01	49.54 0.88 0.00	45.45 1.20 -0.01
ASTORIA___4 23517	41.71 1.49 0.00	36.82 1.38 0.00	34.47 1.23 0.00	32.13 1.18 0.00	33.01 1.15 0.00	33.42 1.13 0.00	33.23 1.19 0.00	33.31 1.06 0.00	31.36 0.97 0.00	31.36 1.21 0.00	34.22 1.38 0.00	38.61 1.40 -0.28	42.00 1.52 -0.52	45.47 1.47 -0.75	47.70 1.41 -0.78	49.51 1.01 -0.46	56.56 0.73 0.00	65.38 0.58 0.00	72.42 0.29 0.00	73.26 0.51 0.00	65.02 0.06 0.00	56.91 0.11 0.00	49.64 0.97 0.00	45.62 1.37 0.00
ASTORIA___5 23518	41.71 1.49 -0.01	36.83 1.38 -0.01	34.44 1.19 -0.01	32.07 1.11 -0.01	32.95 1.08 -0.01	33.43 1.13 -0.01	33.23 1.19 0.00	33.30 1.06 0.00	31.36 0.97 0.00	31.36 1.21 0.00	34.22 1.38 0.00	38.61 1.40 -0.28	42.00 1.52 -0.52	45.38 1.38 -0.75	47.61 1.32 -0.78	49.51 1.01 -0.46	56.55 0.72 0.01	65.31 0.52 0.01	72.42 0.29 0.01	73.18 0.44 0.01	65.08 0.13 0.01	56.90 0.11 0.01	49.54 0.88 0.00	45.45 1.20 -0.01
AST_ENERGY_2_CC3 323677	35.86 1.29 5.64	35.86 1.17 0.75	34.24 1.00 0.00	31.88 0.93 0.00	32.75 0.89 0.00	33.23 0.94 0.00	33.10 1.06 0.00	33.37 1.13 0.00	31.48 1.09 0.00	31.39 1.24 0.00	34.26 1.41 0.00	38.57 1.44 -0.20	38.57 1.60 2.99	38.57 1.47 6.15	38.57 1.41 8.34	38.57 1.34 10.82	38.57 1.17 18.44	49.23 0.97 16.54	56.40 0.79 16.53	57.17 0.94 16.53	48.94 0.58 16.60	40.81 0.45 16.44	39.04 0.88 10.50	38.57 0.93 6.61
AST_ENERGY_2_CC4 323678	35.86 1.29 5.64	35.86 1.17 0.75	34.24 1.00 0.00	31.88 0.93 0.00	32.75 0.89 0.00	33.23 0.94 0.00	33.10 1.06 0.00	33.37 1.13 0.00	31.48 1.09 0.00	31.39 1.24 0.00	34.26 1.41 0.00	38.57 1.44 -0.20	38.57 1.60 2.99	38.57 1.47 6.15	38.57 1.41 8.34	38.57 1.34 10.82	38.57 1.17 18.44	49.23 0.97 16.54	56.40 0.79 16.53	57.17 0.94 16.53	48.94 0.58 16.60	40.81 0.45 16.44	39.04 0.88 10.50	38.57 0.93 6.61

ATHENS_STG_1 23668	40.54 0.32 0.00	35.83 0.39 0.00	33.64 0.40 0.00	31.38 0.43 0.00	32.34 0.48 0.00	32.74 0.45 0.00	32.46 0.42 0.00	32.60 0.36 0.00	30.63 0.24 0.00	30.36 0.21 0.00	33.11 0.26 0.00	37.18 0.15 -0.11	40.32 0.16 -0.20	43.53 0.00 -0.29	45.76 -0.05 -0.30	48.12 -0.10 -0.17	55.61 -0.22 0.00	64.54 -0.26 0.00	71.85 -0.29 0.00	72.53 -0.22 0.00	64.63 -0.32 0.00	56.57 -0.23 0.00	48.57 -0.10 0.00	44.25 0.00 0.00
ATHENS_STG_2 23670	40.54 0.32 0.00	35.83 0.39 0.00	33.64 0.40 0.00	31.38 0.43 0.00	32.34 0.48 0.00	32.74 0.45 0.00	32.46 0.42 0.00	32.60 0.36 0.00	30.63 0.24 0.00	30.36 0.21 0.00	33.11 0.26 0.00	37.18 0.15 -0.11	40.32 0.16 -0.20	43.53 0.00 -0.29	45.76 -0.05 -0.30	48.12 -0.10 -0.17	55.61 -0.22 0.00	64.54 -0.26 0.00	71.85 -0.29 0.00	72.53 -0.22 0.00	64.63 -0.32 0.00	56.57 -0.23 0.00	48.57 -0.10 0.00	44.25 0.00 0.00
ATHENS_STG_3 23677	40.54 0.32 0.00	35.83 0.39 0.00	33.64 0.40 0.00	31.38 0.43 0.00	32.34 0.48 0.00	32.74 0.45 0.00	32.46 0.42 0.00	32.60 0.36 0.00	30.63 0.24 0.00	30.36 0.21 0.00	33.11 0.26 0.00	37.18 0.15 -0.11	40.32 0.16 -0.20	43.53 0.00 -0.29	45.76 -0.05 -0.30	48.12 -0.10 -0.17	55.61 -0.22 0.00	64.54 -0.26 0.00	71.85 -0.29 0.00	72.53 -0.22 0.00	64.63 -0.32 0.00	56.57 -0.23 0.00	48.57 -0.10 0.00	44.25 0.00 0.00
AUBURN___LFGE 323710	40.42 0.20 0.00	35.40 -0.04 0.00	33.17 -0.07 0.00	30.77 -0.19 0.00	31.64 -0.22 0.00	32.13 -0.16 0.00	31.92 -0.13 0.00	32.24 0.00 0.00	30.51 0.12 0.00	30.24 0.09 0.00	32.94 0.10 0.00	37.26 0.33 0.00	40.48 0.52 0.00	43.98 0.74 0.00	46.41 0.91 0.00	49.05 1.01 0.00	57.18 1.34 0.00	66.42 1.62 0.00	74.16 2.02 0.00	74.93 2.18 0.00	66.77 1.82 0.00	57.99 1.19 0.00	49.59 0.92 0.00	44.91 0.66 0.00
BABYLON_RES_REC 323704	42.19 1.97 0.00	37.03 1.60 0.00	34.47 1.23 0.00	31.97 1.02 0.00	32.81 0.95 0.00	33.20 0.90 0.00	32.81 0.77 0.00	33.08 0.84 0.00	31.33 0.94 0.00	31.48 1.33 0.00	34.88 2.04 0.00	39.43 2.22 -0.29	42.85 2.36 -0.53	44.99 1.00 -0.75	46.42 0.14 -0.78	48.49 0.00 -0.45	55.61 -0.22 0.01	64.08 -0.71 0.01	71.04 -1.08 0.01	66.66 -1.02 5.07	49.99 -0.91 14.06	48.42 -0.80 7.58	47.21 0.00 1.45	44.29 0.04 0.00
BALL_HILL_WT_PWR 323825	41.34 1.12 0.00	35.76 0.32 0.00	33.64 0.40 0.00	31.11 0.16 0.00	31.64 -0.22 0.00	31.97 -0.32 0.00	32.01 -0.03 0.00	33.11 0.87 0.00	31.97 1.58 0.00	31.93 1.78 0.00	34.72 1.87 0.00	39.96 3.03 0.00	43.80 3.84 0.00	48.03 4.76 -0.03	50.86 5.32 -0.03	53.65 5.57 -0.03	62.23 6.36 -0.03	71.09 6.28 -0.01	78.55 6.42 0.00	78.64 5.89 0.00	70.34 5.39 0.00	60.03 3.24 0.00	51.97 3.31 0.00	47.26 3.01 0.00
BARON_WINDS___WT_PWR 323822	40.74 0.52 0.00	35.40 -0.04 0.00	33.24 0.00 0.00	30.80 -0.15 0.00	31.48 -0.38 0.00	31.91 -0.39 0.00	31.92 -0.13 0.00	32.50 0.26 0.00	30.96 0.58 0.00	30.79 0.63 0.00	33.44 0.59 0.00	38.22 1.29 0.00	41.76 1.80 0.00	45.77 2.51 -0.02	48.66 3.14 -0.02	51.28 3.22 -0.02	59.43 3.58 -0.02	67.98 3.17 0.00	75.67 3.53 0.00	76.46 3.71 0.00	68.46 3.51 0.00	58.84 2.04 0.00	50.66 2.00 0.00	46.02 1.77 0.00
BARRETT_IC_1 23704	41.91 1.69 0.00	36.78 1.35 0.00	34.30 1.06 0.00	31.85 0.90 0.00	32.69 0.83 0.00	33.10 0.81 0.00	32.75 0.70 0.00	33.01 0.77 0.00	31.24 0.85 0.00	31.33 1.17 0.00	34.65 1.81 0.00	39.14 1.92 -0.29	42.57 2.08 -0.53	44.95 0.95 -0.75	46.56 0.27 -0.78	48.97 0.48 -0.45	56.05 0.22 0.01	64.86 0.06 0.01	71.84 -0.29 0.01	72.30 -0.22 0.23	63.86 -0.52 0.57	55.97 -0.51 0.31	48.40 -0.19 0.07	44.29 0.04 0.00
BARRETT_IC_10 23701	41.91 1.69 0.00	36.78 1.35 0.00	34.30 1.06 0.00	31.85 0.90 0.00	32.69 0.83 0.00	33.10 0.81 0.00	32.75 0.70 0.00	33.01 0.77 0.00	31.24 0.85 0.00	31.33 1.17 0.00	34.65 1.81 0.00	39.14 1.92 -0.29	42.57 2.08 -0.53	44.95 0.95 -0.75	46.56 0.27 -0.78	48.97 0.48 -0.45	56.05 0.22 0.01	64.86 0.06 0.01	71.84 -0.29 0.01	72.30 -0.22 0.23	63.86 -0.52 0.57	55.97 -0.51 0.31	48.40 -0.19 0.07	44.29 0.04 0.00
BARRETT_IC_11 23702	41.91 1.69 0.00	36.78 1.35 0.00	34.30 1.06 0.00	31.85 0.90 0.00	32.69 0.83 0.00	33.10 0.81 0.00	32.75 0.70 0.00	33.01 0.77 0.00	31.24 0.85 0.00	31.33 1.17 0.00	34.65 1.81 0.00	39.14 1.92 -0.29	42.57 2.08 -0.53	44.95 0.95 -0.75	46.56 0.27 -0.78	48.97 0.48 -0.45	56.05 0.22 0.01	64.86 0.06 0.01	71.84 -0.29 0.01	72.30 -0.22 0.23	63.86 -0.52 0.57	55.97 -0.51 0.31	48.40 -0.19 0.07	44.29 0.04 0.00
BARRETT_IC_12 23703	41.91 1.69 0.00	36.78 1.35 0.00	34.30 1.06 0.00	31.85 0.90 0.00	32.69 0.83 0.00	33.10 0.81 0.00	32.75 0.70 0.00	33.01 0.77 0.00	31.24 0.85 0.00	31.33 1.17 0.00	34.65 1.81 0.00	39.14 1.92 -0.29	42.57 2.08 -0.53	44.95 0.95 -0.75	46.56 0.27 -0.78	48.97 0.48 -0.45	56.05 0.22 0.01	64.86 0.06 0.01	71.84 -0.29 0.01	72.30 -0.22 0.23	63.86 -0.52 0.57	55.97 -0.51 0.31	48.40 -0.19 0.07	44.29 0.04 0.00
BARRETT_IC_2 23705	41.91 1.69 0.00	36.78 1.35 0.00	34.30 1.06 0.00	31.85 0.90 0.00	32.69 0.83 0.00	33.10 0.81 0.00	32.75 0.70 0.00	33.01 0.77 0.00	31.24 0.85 0.00	31.33 1.17 0.00	34.65 1.81 0.00	39.14 1.92 -0.29	42.57 2.08 -0.53	44.95 0.95 -0.75	46.56 0.27 -0.78	48.97 0.48 -0.45	56.05 0.22 0.01	64.86 0.06 0.01	71.84 -0.29 0.01	72.30 -0.22 0.23	63.86 -0.52 0.57	55.97 -0.51 0.31	48.40 -0.19 0.07	44.29 0.04 0.00
BARRETT_IC_3 23706	41.91 1.69 0.00	36.78 1.35 0.00	34.30 1.06 0.00	31.85 0.90 0.00	32.69 0.83 0.00	33.10 0.81 0.00	32.75 0.70 0.00	33.01 0.77 0.00	31.24 0.85 0.00	31.33 1.17 0.00	34.65 1.81 0.00	39.14 1.92 -0.29	42.57 2.08 -0.53	44.95 0.95 -0.75	46.56 0.27 -0.78	48.97 0.48 -0.45	56.05 0.22 0.01	64.86 0.06 0.01	71.84 -0.29 0.01	72.30 -0.22 0.23	63.86 -0.52 0.57	55.97 -0.51 0.31	48.40 -0.19 0.07	44.29 0.04 0.00
BARRETT_IC_4 23707	41.91 1.69 0.00	36.78 1.35 0.00	34.30 1.06 0.00	31.85 0.90 0.00	32.69 0.83 0.00	33.10 0.81 0.00	32.75 0.70 0.00	33.01 0.77 0.00	31.24 0.85 0.00	31.33 1.17 0.00	34.65 1.81 0.00	39.14 1.92 -0.29	42.57 2.08 -0.53	44.95 0.95 -0.75	46.56 0.27 -0.78	48.97 0.48 -0.45	56.05 0.22 0.01	64.86 0.06 0.01	71.84 -0.29 0.01	72.30 -0.22 0.23	63.86 -0.52 0.57	55.97 -0.51 0.31	48.40 -0.19 0.07	44.29 0.04 0.00
BARRETT_IC_5 23708	41.91 1.69 0.00	36.78 1.35 0.00	34.30 1.06 0.00	31.85 0.90 0.00	32.69 0.83 0.00	33.10 0.81 0.00	32.75 0.70 0.00	33.01 0.77 0.00	31.24 0.85 0.00	31.33 1.17 0.00	34.65 1.81 0.00	39.14 1.92 -0.29	42.57 2.08 -0.53	44.95 0.95 -0.75	46.56 0.27 -0.78	48.97 0.48 -0.45	56.05 0.22 0.01	64.86 0.06 0.01	71.84 -0.29 0.01	72.30 -0.22 0.23	63.86 -0.52 0.57	55.97 -0.51 0.31	48.40 -0.19 0.07	44.29 0.04 0.00

BARRETT_IC_6 23709	41.91 1.69 0.00	36.78 1.35 0.00	34.30 1.06 0.00	31.85 0.90 0.00	32.69 0.83 0.00	33.10 0.81 0.00	32.75 0.70 0.00	33.01 0.77 0.00	31.24 0.85 0.00	31.33 1.17 0.00	34.65 1.81 0.00	39.14 1.92 -0.29	42.57 2.08 -0.53	44.95 0.95 -0.75	46.56 0.27 -0.78	48.97 0.48 -0.45	56.05 0.22 0.01	64.86 0.06 0.01	71.84 -0.29 0.01	72.30 -0.22 0.23	63.86 -0.52 0.57	55.97 -0.51 0.31	48.40 -0.19 0.07	44.29 0.04 0.00
BARRETT_IC_7 23710	41.91 1.69 0.00	36.78 1.35 0.00	34.30 1.06 0.00	31.91 0.96 0.00	32.75 0.89 0.00	33.10 0.81 0.00	32.75 0.70 0.00	33.02 0.77 0.00	31.24 0.85 0.00	31.33 1.18 0.00	34.65 1.81 0.00	39.13 1.92 -0.28	42.56 2.08 -0.52	45.47 1.47 -0.75	47.15 0.86 -0.78	49.02 0.53 -0.45	56.11 0.28 0.01	64.92 0.13 0.01	71.84 -0.29 0.01	72.30 -0.22 0.23	63.67 -0.71 0.57	55.92 -0.57 0.31	48.45 -0.15 0.07	45.22 0.97 0.00
BARRETT_IC_8 23711	41.91 1.69 0.00	36.78 1.35 0.00	34.30 1.06 0.00	31.85 0.90 0.00	32.69 0.83 0.00	33.10 0.81 0.00	32.75 0.70 0.00	33.01 0.77 0.00	31.24 0.85 0.00	31.33 1.17 0.00	34.65 1.81 0.00	39.14 1.92 -0.29	42.57 2.08 -0.53	44.95 0.95 -0.75	46.56 0.27 -0.78	48.97 0.48 -0.45	56.05 0.22 0.01	64.86 0.06 0.01	71.84 -0.29 0.01	72.30 -0.22 0.23	63.86 -0.52 0.57	55.97 -0.51 0.31	48.40 -0.19 0.07	44.29 0.04 0.00
BARRETT_IC_9 23700	41.91 1.69 0.00	36.78 1.35 0.00	34.30 1.06 0.00	31.85 0.90 0.00	32.69 0.83 0.00	33.10 0.81 0.00	32.75 0.70 0.00	33.01 0.77 0.00	31.24 0.85 0.00	31.33 1.17 0.00	34.65 1.81 0.00	39.14 1.92 -0.29	42.57 2.08 -0.53	44.95 0.95 -0.75	46.56 0.27 -0.78	48.97 0.48 -0.45	56.05 0.22 0.01	64.86 0.06 0.01	71.84 -0.29 0.01	72.30 -0.22 0.23	63.86 -0.52 0.57	55.97 -0.51 0.31	48.40 -0.19 0.07	44.29 0.04 0.00
BARRETT___1 23545	41.91 1.69 0.00	36.78 1.35 0.00	34.30 1.06 0.00	31.85 0.90 0.00	32.69 0.83 0.00	33.10 0.81 0.00	32.75 0.70 0.00	33.01 0.77 0.00	31.24 0.85 0.00	31.33 1.17 0.00	34.65 1.81 0.00	39.14 1.92 -0.29	42.57 2.08 -0.53	44.95 0.95 -0.75	46.56 0.27 -0.78	48.97 0.48 -0.45	56.05 0.22 0.01	64.86 0.06 0.01	71.84 -0.29 0.01	72.30 -0.22 0.23	63.86 -0.52 0.57	55.97 -0.51 0.31	48.40 -0.19 0.07	44.29 0.04 0.00
BARRETT___2 23546	41.91 1.69 0.00	36.78 1.35 0.00	34.30 1.06 0.00	31.85 0.90 0.00	32.69 0.83 0.00	33.10 0.81 0.00	32.75 0.70 0.00	33.01 0.77 0.00	31.24 0.85 0.00	31.33 1.17 0.00	34.65 1.81 0.00	39.14 1.92 -0.29	42.57 2.08 -0.53	44.95 0.95 -0.75	46.56 0.27 -0.78	48.97 0.48 -0.45	56.05 0.22 0.01	64.86 0.06 0.01	71.84 -0.29 0.01	72.30 -0.22 0.23	63.86 -0.52 0.57	55.97 -0.51 0.31	48.40 -0.19 0.07	44.29 0.04 0.00
BATAVIA__115KV_TB1 55881	42.15 1.93 0.00	36.54 1.10 0.00	34.24 1.00 0.00	31.42 0.46 0.00	32.21 0.35 0.00	32.65 0.36 0.00	32.56 0.51 0.00	33.50 1.26 0.00	32.24 1.85 0.00	32.20 2.05 0.00	34.88 2.04 0.00	39.96 3.03 0.00	43.64 3.68 0.00	47.74 4.37 -0.13	50.28 4.64 -0.13	53.17 5.00 -0.13	61.89 5.92 -0.13	71.51 6.67 -0.03	79.20 7.07 0.00	79.37 6.62 0.00	70.86 5.91 0.00	60.83 4.03 0.00	52.41 3.75 0.00	47.57 3.32 0.00
BAYONEEC___CTG1 323682	41.50 1.29 0.00	36.61 1.17 0.00	34.24 1.00 0.00	31.88 0.93 0.00	32.75 0.89 0.00	33.26 0.97 0.00	33.14 1.09 0.00	33.44 1.19 0.00	31.54 1.15 0.00	31.45 1.30 0.00	34.32 1.48 0.00	38.76 1.55 -0.28	42.20 1.72 -0.52	45.55 1.55 -0.75	47.79 1.50 -0.78	49.94 1.44 -0.46	57.06 1.23 0.00	65.83 1.03 0.00	73.00 0.87 0.00	73.77 1.02 0.00	65.54 0.58 0.00	57.31 0.51 0.00	49.64 0.97 0.00	45.22 0.97 0.00
BAYONEEC___CTG10 323750	41.50 1.29 0.00	36.61 1.17 0.00	34.24 1.00 0.00	31.88 0.93 0.00	32.75 0.89 0.00	33.26 0.97 0.00	33.14 1.09 0.00	33.44 1.19 0.00	31.54 1.15 0.00	31.45 1.30 0.00	34.32 1.48 0.00	38.76 1.55 -0.28	42.20 1.72 -0.52	45.55 1.55 -0.75	47.79 1.50 -0.78	49.94 1.44 -0.46	57.06 1.23 0.00	65.83 1.03 0.00	73.00 0.87 0.00	73.77 1.02 0.00	65.54 0.58 0.00	57.31 0.51 0.00	49.64 0.97 0.00	45.22 0.97 0.00
BAYONEEC___CTG2 323683	41.50 1.29 0.00	36.61 1.17 0.00	34.24 1.00 0.00	31.88 0.93 0.00	32.75 0.89 0.00	33.26 0.97 0.00	33.14 1.09 0.00	33.44 1.19 0.00	31.54 1.15 0.00	31.45 1.30 0.00	34.32 1.48 0.00	38.76 1.55 -0.28	42.20 1.72 -0.52	45.55 1.55 -0.75	47.79 1.50 -0.78	49.94 1.44 -0.46	57.06 1.23 0.00	65.83 1.03 0.00	73.00 0.87 0.00	73.77 1.02 0.00	65.54 0.58 0.00	57.31 0.51 0.00	49.64 0.97 0.00	45.22 0.97 0.00
BAYONEEC___CTG3 323684	41.50 1.29 0.00	36.61 1.17 0.00	34.24 1.00 0.00	31.88 0.93 0.00	32.75 0.89 0.00	33.26 0.97 0.00	33.14 1.09 0.00	33.44 1.19 0.00	31.54 1.15 0.00	31.45 1.30 0.00	34.32 1.48 0.00	38.76 1.55 -0.28	42.20 1.72 -0.52	45.55 1.55 -0.75	47.79 1.50 -0.78	49.94 1.44 -0.46	57.06 1.23 0.00	65.83 1.03 0.00	73.00 0.87 0.00	73.77 1.02 0.00	65.54 0.58 0.00	57.31 0.51 0.00	49.64 0.97 0.00	45.22 0.97 0.00
BAYONEEC___CTG4 323685	41.50 1.29 0.00	36.61 1.17 0.00	34.24 1.00 0.00	31.88 0.93 0.00	32.75 0.89 0.00	33.26 0.97 0.00	33.14 1.09 0.00	33.44 1.19 0.00	31.54 1.15 0.00	31.45 1.30 0.00	34.32 1.48 0.00	38.76 1.55 -0.28	42.20 1.72 -0.52	45.55 1.55 -0.75	47.79 1.50 -0.78	49.94 1.44 -0.46	57.06 1.23 0.00	65.83 1.03 0.00	73.00 0.87 0.00	73.77 1.02 0.00	65.54 0.58 0.00	57.31 0.51 0.00	49.64 0.97 0.00	45.22 0.97 0.00
BAYONEEC___CTG5 323686	41.50 1.29 0.00	36.61 1.17 0.00	34.24 1.00 0.00	31.88 0.93 0.00	32.75 0.89 0.00	33.26 0.97 0.00	33.14 1.09 0.00	33.44 1.19 0.00	31.54 1.15 0.00	31.45 1.30 0.00	34.32 1.48 0.00	38.76 1.55 -0.28	42.20 1.72 -0.52	45.55 1.55 -0.75	47.79 1.50 -0.78	49.94 1.44 -0.46	57.06 1.23 0.00	65.83 1.03 0.00	73.00 0.87 0.00	73.77 1.02 0.00	65.54 0.58 0.00	57.31 0.51 0.00	49.64 0.97 0.00	45.22 0.97 0.00
BAYONEEC___CTG6 323687	41.50 1.29 0.00	36.61 1.17 0.00	34.24 1.00 0.00	31.88 0.93 0.00	32.75 0.89 0.00	33.26 0.97 0.00	33.14 1.09 0.00	33.44 1.19 0.00	31.54 1.15 0.00	31.45 1.30 0.00	34.32 1.48 0.00	38.76 1.55 -0.28	42.20 1.72 -0.52	45.55 1.55 -0.75	47.79 1.50 -0.78	49.94 1.44 -0.46	57.06 1.23 0.00	65.83 1.03 0.00	73.00 0.87 0.00	73.77 1.02 0.00	65.54 0.58 0.00	57.31 0.51 0.00	49.64 0.97 0.00	45.22 0.97 0.00
BAYONEEC___CTG7 323688	41.50 1.29 0.00	36.61 1.17 0.00	34.24 1.00 0.00	31.88 0.93 0.00	32.75 0.89 0.00	33.26 0.97 0.00	33.14 1.09 0.00	33.44 1.19 0.00	31.54 1.15 0.00	31.45 1.30 0.00	34.32 1.48 0.00	38.76 1.55 -0.28	42.20 1.72 -0.52	45.55 1.55 -0.75	47.79 1.50 -0.78	49.94 1.44 -0.46	57.06 1.23 0.00	65.83 1.03 0.00	73.00 0.87 0.00	73.77 1.02 0.00	65.54 0.58 0.00	57.31 0.51 0.00	49.64 0.97 0.00	45.22 0.97 0.00

BAYONEEC___CTG8 323689	41.50 1.29 0.00	36.61 1.17 0.00	34.24 1.00 0.00	31.88 0.93 0.00	32.75 0.89 0.00	33.26 0.97 0.00	33.14 1.09 0.00	33.44 1.19 0.00	31.54 1.15 0.00	31.45 1.30 0.00	34.32 1.48 0.00	38.76 1.55 -0.28	42.20 1.72 -0.52	45.55 1.55 -0.75	47.79 1.50 -0.78	49.94 1.44 -0.46	57.06 1.23 0.00	65.83 1.03 0.00	73.00 0.87 0.00	73.77 1.02 0.00	65.54 0.58 0.00	57.31 0.51 0.00	49.64 0.97 0.00	45.22 0.97 0.00
BAYONEEC___CTG9 323749	41.50 1.29 0.00	36.61 1.17 0.00	34.24 1.00 0.00	31.88 0.93 0.00	32.75 0.89 0.00	33.26 0.97 0.00	33.14 1.09 0.00	33.44 1.19 0.00	31.54 1.15 0.00	31.45 1.30 0.00	34.32 1.48 0.00	38.76 1.55 -0.28	42.20 1.72 -0.52	45.55 1.55 -0.75	47.79 1.50 -0.78	49.94 1.44 -0.46	57.06 1.23 0.00	65.83 1.03 0.00	73.00 0.87 0.00	73.77 1.02 0.00	65.54 0.58 0.00	57.31 0.51 0.00	49.64 0.97 0.00	45.22 0.97 0.00
BEACON___LESR 323632	40.50 0.28 0.00	35.93 0.50 0.00	33.74 0.50 0.00	31.44 0.49 0.00	32.43 0.57 0.00	32.87 0.58 0.00	32.62 0.58 0.00	32.63 0.39 0.00	30.63 0.24 0.00	30.27 0.12 0.00	32.98 0.13 0.00	36.65 -0.04 0.24	39.35 -0.16 0.45	42.08 -0.52 0.65	44.37 -0.45 0.67	47.17 -0.48 0.39	55.33 -0.50 0.00	64.54 -0.26 0.00	72.14 0.00 0.00	72.75 0.00 0.00	64.76 -0.19 0.00	56.68 -0.11 0.00	48.52 -0.15 0.00	44.20 -0.04 0.00
BEAVER RIVER___HYD 24048	41.22 1.01 0.00	36.00 0.57 0.00	33.64 0.40 0.00	31.26 0.31 0.00	32.15 0.29 0.00	32.65 0.36 0.00	32.40 0.35 0.00	32.47 0.23 0.00	30.72 0.33 0.00	30.30 0.15 0.00	32.98 0.13 0.00	37.30 0.37 0.00	40.08 0.12 0.00	43.68 0.43 0.00	46.00 0.50 0.00	48.77 0.72 0.00	56.73 0.89 0.00	65.90 1.10 0.00	74.30 2.16 0.00	75.59 2.83 0.00	68.00 2.93 -0.12	61.77 2.78 -2.19	55.13 2.04 -4.43	51.24 1.37 -5.62
BEEBEE_GT_13 23619	40.98 0.76 0.00	35.76 0.32 0.00	33.47 0.23 0.00	30.89 -0.06 0.00	31.73 -0.13 0.00	32.16 -0.13 0.00	31.98 -0.06 0.00	32.73 0.48 0.00	31.27 0.88 0.00	31.15 1.00 0.00	33.93 1.08 0.00	38.66 1.74 0.00	42.20 2.24 0.00	45.92 2.68 0.01	48.36 2.87 0.01	51.06 3.03 0.01	59.46 3.63 0.01	69.01 4.21 0.00	76.61 4.47 0.00	76.83 4.07 0.00	68.46 3.51 0.00	59.18 2.39 0.00	50.80 2.14 0.00	46.02 1.77 0.00
BENSHRST_27_KV_BENSHRST_1 355998	42.15 1.93 0.00	37.10 1.67 0.00	34.74 1.50 0.00	32.34 1.39 0.00	33.23 1.37 0.00	33.62 1.32 0.00	33.33 1.28 0.00	33.37 1.13 0.00	31.39 1.00 0.00	31.45 1.30 0.00	34.35 1.51 0.00	38.83 1.62 -0.28	42.28 1.80 -0.52	45.86 1.86 -0.75	48.15 1.87 -0.78	49.89 1.39 -0.46	57.23 1.40 0.00	66.36 1.56 0.00	73.51 1.37 0.00	74.35 1.60 0.00	65.99 1.04 0.00	57.54 0.74 0.00	50.12 1.46 0.00	46.19 1.95 0.00
BETHLEHEM___GRP 23843	39.86 -0.36 0.00	35.40 -0.04 0.00	33.31 0.07 0.00	31.11 0.15 0.00	32.02 0.16 0.00	32.42 0.13 0.00	32.17 0.13 0.00	32.21 -0.03 0.00	30.24 -0.15 0.00	29.88 -0.27 0.00	32.55 -0.30 0.00	36.18 -0.52 0.23	38.82 -0.72 0.42	41.51 -1.12 0.61	43.78 -1.09 0.64	46.42 -1.25 0.37	54.38 -1.45 0.00	63.37 -1.43 0.00	70.69 -1.44 0.00	71.30 -1.46 0.00	63.46 -1.49 0.00	55.60 -1.19 0.00	47.69 -0.97 0.00	43.45 -0.80 0.00
BETHLEHEM___GS1 323560	39.85 -0.36 0.00	35.40 -0.04 0.00	33.27 0.03 0.00	31.04 0.09 0.00	32.02 0.16 0.00	32.42 0.13 0.00	32.17 0.13 0.00	32.21 -0.03 0.00	30.24 -0.15 0.00	29.88 -0.27 0.00	32.55 -0.30 0.00	36.18 -0.52 0.23	38.82 -0.72 0.42	41.51 -1.12 0.61	43.68 -1.18 0.64	46.42 -1.25 0.37	54.38 -1.45 0.00	63.37 -1.43 0.00	70.69 -1.44 0.00	71.30 -1.45 0.00	63.52 -1.43 0.00	55.60 -1.20 0.00	47.64 -1.02 0.00	43.41 -0.84 0.00
BETHLEHEM___GS2 323561	39.85 -0.36 0.00	35.40 -0.04 0.00	33.27 0.03 0.00	31.04 0.09 0.00	32.02 0.16 0.00	32.42 0.13 0.00	32.17 0.13 0.00	32.21 -0.03 0.00	30.24 -0.15 0.00	29.88 -0.27 0.00	32.55 -0.30 0.00	36.18 -0.52 0.23	38.82 -0.72 0.42	41.51 -1.12 0.61	43.68 -1.18 0.64	46.42 -1.25 0.37	54.38 -1.45 0.00	63.37 -1.43 0.00	70.69 -1.44 0.00	71.30 -1.45 0.00	63.52 -1.43 0.00	55.60 -1.20 0.00	47.64 -1.02 0.00	43.41 -0.84 0.00
BETHLEHEM___GS3 323562	39.85 -0.36 0.00	35.40 -0.04 0.00	33.27 0.03 0.00	31.04 0.09 0.00	32.02 0.16 0.00	32.42 0.13 0.00	32.17 0.13 0.00	32.21 -0.03 0.00	30.24 -0.15 0.00	29.88 -0.27 0.00	32.55 -0.30 0.00	36.18 -0.52 0.23	38.82 -0.72 0.42	41.51 -1.12 0.61	43.68 -1.18 0.64	46.42 -1.25 0.37	54.38 -1.45 0.00	63.37 -1.43 0.00	70.69 -1.44 0.00	71.30 -1.45 0.00	63.52 -1.43 0.00	55.60 -1.20 0.00	47.64 -1.02 0.00	43.41 -0.84 0.00
BETHLEHEM___STEEL 23779	41.71 1.49 0.00	36.08 0.64 0.00	33.84 0.60 0.00	31.04 0.09 0.00	31.76 -0.10 0.00	32.20 -0.10 0.00	32.27 0.22 0.00	33.37 1.13 0.00	32.27 1.88 0.00	32.23 2.08 0.00	34.98 2.13 0.00	40.29 3.36 0.00	44.12 4.16 0.00	48.16 4.89 -0.03	50.77 5.23 -0.03	53.65 5.57 -0.03	62.35 6.48 -0.03	71.61 6.80 -0.01	79.06 6.92 0.00	79.01 6.26 0.00	70.48 5.52 0.00	60.32 3.52 0.00	52.22 3.55 0.00	47.52 3.27 0.00
BETHLHEM_115KV_TB1 79974	39.98 -0.24 0.00	35.47 0.04 0.00	33.37 0.13 0.00	31.14 0.19 0.00	32.08 0.22 0.00	32.49 0.19 0.00	32.24 0.19 0.00	32.27 0.03 0.00	30.30 -0.09 0.00	29.97 -0.18 0.00	32.65 -0.20 0.00	36.31 -0.41 0.22	39.00 -0.56 0.40	41.71 -0.95 0.58	43.99 -0.91 0.60	46.59 -1.11 0.35	54.61 -1.23 0.00	63.57 -1.23 0.00	70.91 -1.23 0.00	71.51 -1.24 0.00	63.65 -1.30 0.00	55.77 -1.02 0.00	47.84 -0.83 0.00	43.58 -0.66 0.00
BETHPAGE_CC_5 323564	42.15 1.93 0.00	37.00 1.56 0.00	34.43 1.19 0.00	31.97 1.02 0.00	32.85 0.99 0.00	33.23 0.94 0.00	32.85 0.80 0.00	33.11 0.87 0.00	31.39 1.00 0.00	31.51 1.36 0.00	34.91 2.07 0.00	39.47 2.25 -0.29	42.73 2.24 -0.53	44.95 0.95 -0.75	46.42 0.14 -0.78	48.78 0.29 -0.45	55.94 0.11 0.01	64.73 -0.06 0.01	71.69 -0.43 0.01	67.73 -0.36 4.66	51.40 -0.65 12.91	49.27 -0.57 6.96	47.14 -0.19 1.33	44.20 -0.04 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	41.83 1.61 0.00	36.18 0.74 0.00	33.94 0.70 0.00	31.11 0.15 0.00	31.83 -0.03 0.00	32.29 0.00 0.00	32.37 0.32 0.00	33.47 1.23 0.00	32.39 2.01 0.00	32.35 2.20 0.00	35.14 2.30 0.00	40.47 3.55 0.00	44.35 4.40 0.00	48.47 5.19 -0.03	51.09 5.55 -0.03	54.03 5.96 -0.03	62.74 6.87 -0.03	72.07 7.26 -0.01	79.49 7.36 0.00	79.44 6.69 0.00	70.86 5.91 0.00	60.66 3.86 0.00	52.46 3.80 0.00	47.70 3.45 0.00
BINGHAMTON___COGEN 23790	40.50 0.28 0.00	35.51 0.07 0.00	33.27 0.03 0.00	30.89 -0.06 0.00	31.76 -0.10 0.00	32.23 -0.06 0.00	32.08 0.03 0.00	32.40 0.16 0.00	30.69 0.30 0.00	30.45 0.30 0.00	33.14 0.30 0.00	37.52 0.59 0.00	40.76 0.80 0.00	44.42 1.17 -0.01	46.87 1.37 -0.01	49.59 1.54 -0.01	57.63 1.79 -0.01	66.29 1.49 0.00	73.79 1.66 0.00	74.57 1.82 0.00	66.38 1.43 0.00	57.71 0.91 0.00	49.49 0.83 0.00	44.96 0.71 0.00

BIXINCNT_115KV_LOAD 355685	40.90 0.68 0.00	35.30 -0.14 0.00	32.94 -0.30 0.00	30.27 -0.68 0.00	30.97 -0.89 0.00	31.52 -0.78 0.00	31.66 -0.38 0.00	32.60 0.35 0.00	31.57 1.19 0.00	31.60 1.45 0.00	34.39 1.54 0.00	39.59 2.66 0.00	43.36 3.40 0.00	47.99 4.71 -0.03	50.99 5.46 -0.03	54.03 5.96 -0.03	62.40 6.53 -0.03	70.38 5.57 -0.01	77.83 5.70 0.00	77.99 5.24 0.00	69.50 4.55 0.00	59.47 2.67 0.00	51.19 2.53 0.00	46.46 2.21 0.00
BLACK RIVER___HYD 24047	41.66 1.45 0.00	36.22 0.78 0.00	33.77 0.53 0.00	31.38 0.43 0.00	32.27 0.41 0.00	32.78 0.49 0.00	32.56 0.51 0.00	32.60 0.36 0.00	30.75 0.37 0.00	30.21 0.06 0.00	32.81 -0.03 0.00	37.11 0.19 0.00	39.92 -0.04 0.00	43.59 0.34 0.00	46.00 0.50 0.00	48.86 0.82 0.00	56.95 1.12 0.00	66.22 1.42 0.00	75.16 3.03 0.00	76.75 4.00 0.00	69.13 4.09 -0.08	61.99 3.69 -1.51	54.49 2.77 -3.05	49.94 1.81 -3.87
BLACKRVR_115KV_TB2 79977	41.67 1.45 0.00	36.22 0.78 0.00	33.77 0.53 0.00	31.35 0.40 0.00	32.27 0.41 0.00	32.78 0.48 0.00	32.56 0.51 0.00	32.60 0.35 0.00	30.75 0.36 0.00	30.21 0.06 0.00	32.81 -0.03 0.00	37.11 0.18 0.00	39.92 -0.04 0.00	43.55 0.30 0.00	45.82 0.32 0.00	48.86 0.82 0.00	56.95 1.12 0.00	66.23 1.43 0.00	75.17 3.03 0.00	76.75 4.00 0.00	69.19 4.16 -0.08	62.00 3.69 -1.51	54.44 2.73 -3.05	49.89 1.77 -3.87
BLDWN_LI_69_KV_BK4 356085	42.19 1.97 0.00	37.03 1.59 0.00	34.50 1.26 0.00	32.10 1.15 0.00	32.91 1.05 0.00	33.29 1.00 0.00	32.91 0.87 0.00	33.18 0.94 0.00	31.42 1.03 0.00	31.54 1.39 0.00	34.91 2.07 0.00	39.46 2.25 -0.28	42.92 2.44 -0.52	45.90 1.90 -0.75	47.65 1.37 -0.78	49.55 1.06 -0.45	56.78 0.95 0.01	65.77 0.97 0.01	72.77 0.65 0.01	70.57 0.65 2.84	57.18 0.06 7.84	52.68 0.11 4.23	48.19 0.34 0.81	45.58 1.33 0.00
BLISS_WT_PWR 323608	40.78 0.56 0.00	35.15 -0.28 0.00	32.91 -0.33 0.00	30.42 -0.53 0.00	30.94 -0.92 0.00	31.39 -0.90 0.00	31.53 -0.51 0.00	32.53 0.29 0.00	31.51 1.13 0.00	31.57 1.42 0.00	34.36 1.51 0.00	39.59 2.66 0.00	43.35 3.39 0.00	48.03 4.76 -0.03	51.72 6.19 -0.03	54.27 6.20 -0.03	62.51 6.64 -0.03	70.38 5.57 -0.01	77.83 5.70 0.00	77.99 5.24 0.00	69.69 4.74 0.00	59.47 2.67 0.00	51.24 2.58 0.00	46.42 2.17 0.00
BLUESTONE___WT_PWR 323821	42.11 1.89 0.00	36.93 1.49 0.00	34.54 1.30 0.00	32.10 1.15 0.00	33.04 1.18 0.00	33.59 1.29 0.00	33.42 1.38 0.00	33.73 1.48 0.00	31.88 1.49 0.00	31.33 1.17 0.00	34.02 1.18 0.00	38.48 1.55 0.00	41.68 1.72 0.00	45.66 2.42 0.00	48.42 2.91 0.00	51.36 3.31 0.00	59.86 4.02 0.00	68.95 4.15 0.00	77.55 5.41 0.00	78.57 5.82 0.00	70.28 5.33 0.00	61.00 4.20 0.00	52.12 3.46 0.00	46.90 2.65 0.00
BLUE_CIRC_CHEM_DRP 24182	40.54 0.32 0.00	35.90 0.46 0.00	33.74 0.50 0.00	31.51 0.56 0.00	32.47 0.61 0.00	32.87 0.58 0.00	32.59 0.54 0.00	32.56 0.32 0.00	30.45 0.06 0.00	30.06 -0.09 0.00	32.75 -0.10 0.00	36.48 -0.30 0.15	39.27 -0.40 0.29	41.14 -1.69 0.41	43.39 -1.68 0.43	45.37 -1.83 0.85	50.99 -2.07 2.78	57.48 -2.07 5.25	70.17 -1.95 0.02	70.97 -1.75 0.04	63.20 -1.75 0.00	55.42 -1.36 0.02	46.63 -1.12 0.91	43.32 -0.93 0.00
BOC_GAS_DRP 24189	40.30 0.08 0.00	35.65 0.21 0.00	33.51 0.27 0.00	31.29 0.34 0.00	32.21 0.35 0.00	32.62 0.32 0.00	32.37 0.32 0.00	32.47 0.23 0.00	30.48 0.09 0.00	30.18 0.03 0.00	32.91 0.07 0.00	36.67 -0.11 0.15	39.52 -0.16 0.28	42.37 -0.48 0.40	44.63 -0.46 0.41	47.27 -0.58 0.20	55.29 -0.73 -0.18	64.42 -0.71 -0.34	71.34 -0.79 0.00	72.03 -0.73 0.00	64.11 -0.84 0.00	56.17 -0.62 0.00	48.28 -0.44 -0.06	43.94 -0.31 0.00
BOONVILLE_115KV_TB1 79983	41.02 0.80 0.00	36.01 0.57 0.00	33.67 0.43 0.00	31.32 0.37 0.00	32.24 0.38 0.00	32.71 0.42 0.00	32.49 0.45 0.00	32.63 0.39 0.00	30.84 0.46 0.00	30.45 0.30 0.00	33.14 0.30 0.00	37.45 0.52 0.00	40.36 0.40 0.00	43.89 0.65 0.00	46.19 0.68 0.00	49.05 1.01 0.00	57.12 1.28 0.00	66.23 1.43 0.00	74.37 2.24 0.00	75.37 2.62 0.00	67.60 2.60 -0.04	59.84 2.22 -0.83	51.99 1.65 -1.67	47.47 1.11 -2.12
BORALEX_4TH_BRANCH 23824	41.18 0.97 0.00	36.47 1.03 0.00	34.30 1.06 0.00	32.03 1.08 0.00	32.94 1.08 0.00	33.36 1.07 0.00	33.13 1.09 0.00	33.31 1.06 0.00	31.24 0.85 0.00	30.79 0.63 0.00	33.44 0.59 0.00	36.60 0.26 0.59	39.10 0.24 1.10	41.82 0.17 1.59	44.17 0.32 1.65	47.27 0.19 0.96	56.11 0.28 0.00	65.77 0.97 0.00	73.43 1.30 0.00	74.21 1.46 0.00	66.06 1.10 0.00	57.93 1.14 0.00	49.64 0.97 0.00	45.31 1.06 0.00
BOWLINE___1 23526	40.98 0.76 0.00	36.22 0.78 0.00	33.90 0.66 0.00	31.60 0.65 0.00	32.50 0.64 0.00	32.97 0.68 0.00	32.85 0.80 0.00	33.05 0.81 0.00	31.18 0.79 0.00	31.03 0.87 0.00	33.86 1.02 0.00	38.15 0.96 -0.26	41.45 1.00 -0.49	44.77 0.82 -0.71	46.96 0.73 -0.73	49.19 0.72 -0.43	56.51 0.67 0.00	65.32 0.52 0.00	72.50 0.36 0.00	73.33 0.58 0.00	65.15 0.20 0.00	56.97 0.17 0.00	49.01 0.34 0.00	44.65 0.40 0.00
BOWLINE___2 23595	41.02 0.80 0.00	36.25 0.82 0.00	33.94 0.70 0.00	31.63 0.68 0.00	32.53 0.67 0.00	33.00 0.71 0.00	32.85 0.80 0.00	33.08 0.84 0.00	31.18 0.79 0.00	31.03 0.87 0.00	33.86 1.02 0.00	38.19 1.00 -0.26	41.53 1.08 -0.49	44.86 0.91 -0.71	47.06 0.82 -0.73	49.29 0.82 -0.43	56.62 0.78 0.00	65.45 0.65 0.00	72.64 0.51 0.00	73.48 0.73 0.00	65.28 0.33 0.00	57.03 0.23 0.00	49.10 0.44 0.00	44.74 0.49 0.00
BRADY___115KV_TB2 356060	41.91 1.69 0.00	36.89 1.45 0.00	34.54 1.30 0.00	32.13 1.18 0.00	32.98 1.12 0.00	33.46 1.16 0.00	33.23 1.19 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.00 0.84 0.00	33.83 0.99 0.00	37.96 1.03 0.00	41.00 1.04 0.00	44.41 1.17 0.00	46.69 1.18 0.00	49.39 1.35 0.00	57.40 1.56 0.00	66.61 1.81 0.00	74.01 1.88 0.00	75.01 2.26 0.00	68.16 2.79 -0.41	67.01 2.61 -7.60	66.25 2.19 -15.39	65.73 1.95 -19.53
BRANSCOMB___SOLAR 323811	41.50 1.29 0.00	36.64 1.21 0.00	34.37 1.13 0.00	32.00 1.05 0.00	33.01 1.15 0.00	33.49 1.20 0.00	33.23 1.19 0.00	33.24 1.00 0.00	31.06 0.67 0.00	30.54 0.39 0.00	33.08 0.23 0.00	36.66 0.04 0.31	39.35 -0.04 0.57	42.33 -0.09 0.82	44.65 0.00 0.85	47.64 0.10 0.50	56.23 0.39 0.00	65.77 0.97 0.00	74.08 1.95 0.00	75.08 2.33 0.00	67.16 2.21 0.00	58.73 1.93 0.00	50.17 1.51 0.00	45.62 1.37 0.00
BRDGHMPT_69_KV_BK1 55812	42.99 2.77 0.00	37.67 2.23 0.00	35.03 1.79 0.00	32.53 1.58 0.00	33.33 1.47 0.00	33.65 1.36 0.00	33.10 1.06 0.00	33.40 1.16 0.00	31.82 1.43 0.00	32.05 1.90 0.00	35.77 2.92 0.00	40.50 3.29 -0.28	44.04 3.56 -0.52	46.94 2.94 -0.75	48.74 2.46 -0.78	50.80 2.31 -0.45	58.51 2.68 0.01	68.03 3.24 0.01	74.93 2.81 0.02	69.73 2.69 5.72	50.72 1.62 15.86	49.61 1.36 8.55	48.24 1.22 1.64	46.50 2.26 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	42.43 2.21 0.00	37.21 1.77 0.00	34.67 1.43 0.00	32.19 1.24 0.00	33.01 1.15 0.00	33.36 1.07 0.00	32.94 0.90 0.00	33.18 0.94 0.00	31.48 1.09 0.00	31.63 1.48 0.00	35.11 2.27 0.00	39.68 2.47 -0.28	43.16 2.68 -0.52	45.86 1.86 -0.75	47.42 1.14 -0.78	49.07 0.58 -0.45	56.33 0.50 0.01	65.31 0.52 0.01	72.12 0.00 0.02	67.29 0.15 5.61	49.07 -0.32 15.56	48.18 -0.23 8.39	47.11 0.05 1.61	45.71 1.46 0.00
BRISTLHL_115KV_TB1 79998	39.61 -0.60 0.00	34.76 -0.67 0.00	32.61 -0.63 0.00	30.27 -0.68 0.00	31.16 -0.70 0.00	31.61 -0.68 0.00	31.37 -0.67 0.00	31.66 -0.58 0.00	29.90 -0.49 0.00	29.67 -0.48 0.00	32.29 -0.56 0.00	36.41 -0.52 0.00	39.48 -0.48 0.00	42.81 -0.43 0.00	45.09 -0.41 0.00	47.71 -0.34 0.00	55.44 -0.39 0.00	64.41 -0.39 0.00	71.85 -0.29 0.00	72.46 -0.29 0.00	64.69 -0.26 0.00	56.34 -0.45 0.00	48.27 -0.39 0.00	43.76 -0.49 0.00
BROOKHAVEN___DRP 24191	41.95 1.73 0.00	36.78 1.35 0.00	34.27 1.03 0.00	31.82 0.87 0.00	32.62 0.76 0.00	32.97 0.68 0.00	32.49 0.45 0.00	32.76 0.52 0.00	31.09 0.70 0.00	31.27 1.12 0.00	34.75 1.90 0.00	39.28 2.07 -0.28	42.68 2.20 -0.52	45.34 1.34 -0.75	46.97 0.68 -0.78	48.73 0.24 -0.45	55.94 0.11 0.01	64.99 0.19 0.01	71.62 -0.50 0.02	66.74 -0.29 5.72	48.31 -0.78 15.86	47.56 -0.68 8.55	46.59 -0.44 1.64	45.13 0.88 0.00
BROOKLYN_NAVY_YARD 23515	41.50 1.29 0.00	36.61 1.17 0.00	34.24 1.00 0.00	31.88 0.93 0.00	32.75 0.89 0.00	33.23 0.94 0.00	33.17 1.12 0.00	33.44 1.19 0.00	31.54 1.15 0.00	31.48 1.33 0.00	34.29 1.44 0.00	38.72 1.51 -0.28	42.16 1.68 -0.52	45.55 1.55 -0.75	47.79 1.50 -0.78	49.89 1.39 -0.46	57.06 1.23 0.00	65.83 1.03 0.00	73.00 0.87 0.00	73.77 1.02 0.00	65.60 0.65 0.00	57.31 0.51 0.00	49.64 0.97 0.00	45.22 0.97 0.00
BROOKLYN___ARMY_DRP 323595	41.95 1.73 0.00	36.96 1.52 0.00	34.60 1.36 0.00	32.22 1.27 0.00	33.10 1.24 0.00	33.49 1.19 0.00	33.20 1.15 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.60 1.60 -0.75	47.88 1.59 -0.78	49.60 1.11 -0.46	56.90 1.06 0.00	65.97 1.17 0.00	73.07 0.94 0.00	73.92 1.16 0.00	65.60 0.65 0.00	57.19 0.40 0.00	49.83 1.17 0.00	45.97 1.73 0.00
BROOME_2_LFGE 323671	40.50 0.28 0.00	35.51 0.07 0.00	33.31 0.07 0.00	30.95 0.00 0.00	31.80 -0.06 0.00	32.23 -0.06 0.00	32.08 0.03 0.00	32.40 0.16 0.00	30.69 0.30 0.00	30.45 0.30 0.00	33.14 0.29 0.00	37.52 0.59 0.00	40.76 0.80 0.00	44.37 1.12 -0.01	47.06 1.55 -0.01	49.68 1.63 -0.01	57.68 1.84 -0.01	66.35 1.55 0.00	73.80 1.66 0.00	74.57 1.82 0.00	66.51 1.56 0.00	57.70 0.91 0.00	49.49 0.83 0.00	44.95 0.71 0.00
BROOME___LFGE 323600	40.50 0.28 0.00	35.51 0.07 0.00	33.31 0.07 0.00	30.95 0.00 0.00	31.80 -0.06 0.00	32.23 -0.06 0.00	32.08 0.03 0.00	32.40 0.16 0.00	30.69 0.30 0.00	30.45 0.30 0.00	33.14 0.29 0.00	37.52 0.59 0.00	40.76 0.80 0.00	44.37 1.12 -0.01	47.06 1.55 -0.01	49.68 1.63 -0.01	57.68 1.84 -0.01	66.35 1.55 0.00	73.80 1.66 0.00	74.57 1.82 0.00	66.51 1.56 0.00	57.70 0.91 0.00	49.49 0.83 0.00	44.95 0.71 0.00
BROWNFLS_115KV_TB 3_5 80003	41.42 1.21 0.00	36.32 0.89 0.00	33.94 0.70 0.00	31.54 0.59 0.00	32.37 0.51 0.00	32.87 0.58 0.00	32.62 0.58 0.00	32.73 0.48 0.00	30.90 0.52 0.00	30.57 0.42 0.00	33.34 0.49 0.00	37.59 0.66 0.00	40.44 0.48 0.00	43.98 0.74 0.00	46.19 0.68 0.00	49.00 0.96 0.00	56.95 1.12 0.00	66.10 1.30 0.00	73.94 1.80 0.00	75.08 2.33 0.00	67.83 2.66 -0.21	63.25 2.50 -3.95	58.56 1.90 -8.00	55.81 1.42 -10.15
BROWNSV1_27_KV_LOAD 356125	41.87 1.65 0.00	36.93 1.49 0.00	34.54 1.30 0.00	32.19 1.24 0.00	33.07 1.21 0.00	33.49 1.19 0.00	33.42 1.38 0.00	33.69 1.45 0.00	31.82 1.43 0.00	31.75 1.60 0.00	34.62 1.77 0.00	39.13 1.92 -0.28	42.60 2.12 -0.52	46.16 2.16 -0.75	48.38 2.09 -0.78	50.47 1.97 -0.46	57.79 1.95 0.00	66.74 1.94 0.00	73.87 1.73 0.00	74.72 1.96 0.00	66.32 1.36 0.00	57.99 1.19 0.00	50.22 1.56 0.00	45.84 1.59 0.00
BURROWS___LYONSDAL 23803	40.98 0.76 0.00	35.93 0.50 0.00	33.61 0.37 0.00	31.26 0.31 0.00	32.18 0.32 0.00	32.65 0.36 0.00	32.40 0.35 0.00	32.56 0.32 0.00	30.78 0.40 0.00	30.39 0.24 0.00	33.07 0.23 0.00	37.41 0.48 0.00	40.24 0.28 0.00	43.81 0.56 0.00	46.05 0.55 0.00	48.96 0.91 0.00	56.95 1.12 0.00	66.10 1.30 0.00	74.30 2.16 0.00	75.37 2.62 0.00	67.68 2.66 -0.06	60.22 2.33 -1.09	52.58 1.70 -2.21	48.16 1.11 -2.81
CAITHNESS_CC_1 323624	41.91 1.69 0.00	36.78 1.35 0.00	34.24 1.00 0.00	31.75 0.80 0.00	32.59 0.73 0.00	32.97 0.68 0.00	32.53 0.48 0.00	32.76 0.51 0.00	31.09 0.70 0.00	31.27 1.12 0.00	34.75 1.90 0.00	39.28 2.07 -0.29	42.69 2.20 -0.53	44.60 0.61 -0.75	45.97 -0.32 -0.78	48.59 0.10 -0.45	55.77 -0.06 0.01	64.47 -0.32 0.01	71.40 -0.72 0.02	66.52 -0.51 5.72	48.37 -0.71 15.87	47.50 -0.74 8.55	46.49 -0.53 1.64	43.85 -0.40 0.00
CALPINE BETH_PAGE_GT4 24209	42.15 1.93 0.00	37.00 1.56 0.00	34.47 1.23 0.00	32.03 1.08 0.00	32.88 1.02 0.00	33.23 0.94 0.00	32.88 0.83 0.00	33.14 0.90 0.00	31.39 1.00 0.00	31.51 1.36 0.00	34.88 2.04 0.00	39.42 2.22 -0.28	42.68 2.20 -0.52	45.56 1.56 -0.75	47.20 0.91 -0.78	49.02 0.53 -0.45	56.00 0.17 0.01	64.86 0.06 0.01	71.76 -0.36 0.01	68.28 -0.29 4.18	52.58 -0.78 11.60	49.92 -0.62 6.25	47.37 -0.10 1.20	45.27 1.02 0.00
CALPINE_BETH_PAGE_GT_4 323586	42.15 1.93 0.00	37.00 1.56 0.00	34.43 1.19 0.00	31.97 1.02 0.00	32.85 0.99 0.00	33.23 0.94 0.00	32.88 0.83 0.00	33.14 0.90 0.00	31.39 1.00 0.00	31.51 1.36 0.00	34.88 2.04 0.00	39.43 2.22 -0.29	42.69 2.20 -0.53	44.99 1.00 -0.75	46.51 0.23 -0.78	48.78 0.29 -0.45	55.94 0.11 0.01	64.73 -0.06 0.01	71.76 -0.36 0.01	68.28 -0.29 4.18	52.71 -0.65 11.60	49.98 -0.57 6.25	47.37 -0.10 1.20	44.20 -0.04 0.00
CALPINE_BP_GT1 23823	42.15 1.93 0.00	37.00 1.56 0.00	34.43 1.19 0.00	31.97 1.02 0.00	32.85 0.99 0.00	33.23 0.94 0.00	32.88 0.83 0.00	33.14 0.90 0.00	31.39 1.00 0.00	31.51 1.36 0.00	34.88 2.04 0.00	39.43 2.22 -0.29	42.69 2.20 -0.53	44.99 1.00 -0.75	46.51 0.23 -0.78	48.78 0.29 -0.45	55.94 0.11 0.01	64.73 -0.06 0.01	71.76 -0.36 0.01	68.28 -0.29 4.18	52.71 -0.65 11.60	49.98 -0.57 6.25	47.37 -0.10 1.20	44.20 -0.04 0.00
CALSPAN___DRP 24200	41.71 1.49 0.00	36.08 0.64 0.00	33.84 0.60 0.00	31.04 0.09 0.00	31.76 -0.10 0.00	32.20 -0.10 0.00	32.27 0.22 0.00	33.37 1.13 0.00	32.27 1.88 0.00	32.23 2.08 0.00	34.98 2.13 0.00	40.29 3.36 0.00	44.12 4.16 0.00	48.16 4.89 -0.03	50.77 5.23 -0.03	53.65 5.57 -0.03	62.35 6.48 -0.03	71.61 6.80 -0.01	79.06 6.92 0.00	79.01 6.26 0.00	70.48 5.52 0.00	60.32 3.52 0.00	52.22 3.55 0.00	47.52 3.27 0.00

CALVERTON___SOLAR 323806	42.03 1.81 0.00	36.86 1.42 0.00	34.30 1.06 0.00	31.79 0.84 0.00	32.66 0.80 0.00	33.00 0.71 0.00	32.53 0.48 0.00	32.79 0.55 0.00	31.12 0.73 0.00	31.30 1.15 0.00	34.81 1.97 0.00	39.36 2.14 -0.29	42.77 2.28 -0.53	44.78 0.78 -0.75	46.15 -0.14 -0.78	48.87 0.38 -0.45	56.17 0.34 0.01	64.99 0.19 0.01	71.98 -0.14 0.02	67.03 0.00 5.72	48.77 -0.32 15.86	47.79 -0.46 8.55	46.74 -0.29 1.64	43.98 -0.26 0.00
CANDIGU_WT_PWR 323617	40.74 0.52 0.00	35.40 -0.04 0.00	33.24 0.00 0.00	30.80 -0.15 0.00	31.48 -0.38 0.00	31.91 -0.39 0.00	31.92 -0.13 0.00	32.50 0.26 0.00	30.96 0.58 0.00	30.79 0.63 0.00	33.44 0.59 0.00	38.22 1.29 0.00	41.76 1.80 0.00	45.77 2.51 -0.02	48.66 3.14 -0.02	51.28 3.22 -0.02	59.43 3.58 -0.02	67.98 3.17 0.00	75.67 3.53 0.00	76.46 3.71 0.00	68.46 3.51 0.00	58.84 2.04 0.00	50.66 2.00 0.00	46.02 1.77 0.00
CARR STREET_E_SYR 24060	39.82 -0.40 0.00	34.98 -0.46 0.00	32.81 -0.43 0.00	30.49 -0.46 0.00	31.35 -0.51 0.00	31.77 -0.52 0.00	31.53 -0.51 0.00	31.86 -0.39 0.00	30.11 -0.27 0.00	29.88 -0.27 0.00	32.52 -0.33 0.00	36.60 -0.33 0.00	39.60 -0.36 0.00	42.94 -0.30 0.00	45.28 -0.23 0.00	47.90 -0.14 0.00	55.72 -0.11 0.00	64.67 -0.13 0.00	72.14 0.00 0.00	72.75 0.00 0.00	64.95 0.00 0.00	56.46 -0.34 0.00	48.37 -0.29 0.00	43.81 -0.44 0.00
CARTHAGE___PAPER 23857	41.47 1.25 0.00	36.15 0.71 0.00	33.74 0.50 0.00	31.35 0.40 0.00	32.24 0.38 0.00	32.74 0.45 0.00	32.49 0.45 0.00	32.56 0.32 0.00	30.72 0.33 0.00	30.24 0.09 0.00	32.91 0.07 0.00	37.19 0.26 0.00	39.96 0.00 0.00	43.59 0.34 0.00	45.96 0.45 0.00	48.72 0.67 0.00	56.73 0.89 0.00	66.03 1.23 0.00	74.66 2.52 0.00	76.10 3.35 0.00	68.55 3.51 -0.10	61.86 3.29 -1.77	54.68 2.43 -3.58	50.39 1.59 -4.55
CASSADAGA_WT_PWR 323784	41.06 0.85 0.00	35.33 -0.11 0.00	33.17 -0.07 0.00	30.64 -0.31 0.00	31.16 -0.70 0.00	31.52 -0.78 0.00	31.66 -0.38 0.00	32.73 0.48 0.00	31.82 1.43 0.00	32.02 1.87 0.00	35.04 2.20 0.00	40.36 3.43 0.00	44.32 4.36 0.00	49.07 5.80 -0.03	52.59 7.05 -0.03	55.23 7.16 -0.03	63.91 8.04 -0.03	72.32 7.51 -0.01	80.00 7.86 0.00	80.18 7.42 0.00	71.71 6.75 0.00	61.06 4.26 0.00	52.60 3.94 0.00	47.66 3.41 0.00
CE_DUNWOOD___DRP 24194	41.30 1.09 0.00	36.47 1.03 0.00	34.14 0.90 0.00	31.82 0.87 0.00	32.72 0.86 0.00	33.16 0.87 0.00	33.01 0.96 0.00	33.24 1.00 0.00	31.36 0.97 0.00	31.21 1.06 0.00	34.09 1.25 0.00	38.46 1.26 -0.28	41.88 1.40 -0.52	45.34 1.34 -0.75	47.56 1.27 -0.78	49.65 1.15 -0.45	56.90 1.06 0.00	65.84 1.04 0.00	73.00 0.87 0.00	73.84 1.09 0.00	65.54 0.58 0.00	57.37 0.57 0.00	49.49 0.83 0.00	45.18 0.93 0.00
CE_MILLWOOD___DRP 24193	41.22 1.01 0.00	36.39 0.96 0.00	34.07 0.83 0.00	31.79 0.84 0.00	32.66 0.80 0.00	33.10 0.81 0.00	32.94 0.90 0.00	33.18 0.94 0.00	31.27 0.88 0.00	31.12 0.96 0.00	33.99 1.15 0.00	38.35 1.14 -0.28	41.76 1.28 -0.52	45.20 1.21 -0.75	47.42 1.14 -0.78	49.50 1.01 -0.45	56.79 0.95 0.00	65.77 0.97 0.00	72.93 0.79 0.00	73.70 0.95 0.00	65.41 0.45 0.00	57.25 0.45 0.00	49.39 0.73 0.00	45.09 0.84 0.00
CE_NYC2_DRP 24202	41.75 1.53 0.00	36.82 1.38 0.00	34.47 1.23 0.00	32.13 1.18 0.00	33.01 1.15 0.00	33.46 1.16 0.00	33.23 1.19 0.00	33.34 1.10 0.00	31.36 0.97 0.00	31.39 1.24 0.00	34.26 1.41 0.00	38.65 1.44 -0.28	42.04 1.56 -0.52	45.51 1.51 -0.75	47.79 1.50 -0.78	49.56 1.06 -0.46	56.67 0.84 0.00	65.51 0.71 0.00	72.57 0.43 0.00	73.41 0.65 0.00	65.15 0.19 0.00	57.02 0.23 0.00	49.69 1.02 0.00	45.66 1.42 0.00
CE_NYC_DRP 24195	41.58 1.37 0.00	36.68 1.24 0.00	34.34 1.10 0.00	32.00 1.05 0.00	32.85 0.99 0.00	33.29 1.00 0.00	33.20 1.15 0.00	33.47 1.23 0.00	31.60 1.22 0.00	31.51 1.36 0.00	34.35 1.51 0.00	38.80 1.59 -0.28	42.24 1.76 -0.52	45.77 1.77 -0.75	47.97 1.68 -0.78	50.04 1.54 -0.46	57.29 1.45 0.00	66.16 1.36 0.00	73.29 1.15 0.00	74.06 1.31 0.00	65.73 0.78 0.00	57.54 0.74 0.00	49.83 1.17 0.00	45.49 1.24 0.00
CHAFFEE___LFGE 323603	41.62 1.41 0.00	36.00 0.57 0.00	33.90 0.66 0.00	31.32 0.37 0.00	31.86 0.00 0.00	32.16 -0.13 0.00	32.21 0.16 0.00	33.37 1.13 0.00	32.21 1.82 0.00	32.17 2.02 0.00	34.95 2.10 0.00	40.21 3.29 0.00	44.08 4.12 0.00	48.29 5.01 -0.03	51.13 5.60 -0.03	53.98 5.91 -0.03	62.62 6.75 -0.03	71.61 6.80 -0.01	79.13 7.00 0.00	79.08 6.33 0.00	70.80 5.85 0.00	60.38 3.58 0.00	52.26 3.60 0.00	47.57 3.32 0.00
CHATEAUG_35_KV_LOAD 355732	41.14 0.92 0.00	36.25 0.82 0.00	33.94 0.70 0.00	31.57 0.62 0.00	32.47 0.61 0.00	32.94 0.65 0.00	32.72 0.67 0.00	32.85 0.61 0.00	30.96 0.58 0.00	30.79 0.63 0.00	33.60 0.76 0.00	37.74 0.81 0.00	40.76 0.80 0.00	44.15 0.91 0.00	46.14 0.64 0.00	48.67 0.62 0.00	56.56 0.73 0.00	65.64 0.84 0.00	73.00 0.87 0.00	73.70 0.95 0.00	66.17 1.17 -0.05	58.86 1.19 -0.87	51.31 0.88 -1.77	47.29 0.80 -2.25
CHATEAUG_WT_PWR 323614	41.10 0.88 0.00	36.22 0.78 0.00	33.90 0.66 0.00	31.54 0.59 0.00	32.46 0.60 0.00	32.90 0.61 0.00	32.69 0.64 0.00	32.85 0.61 0.00	31.00 0.61 0.00	30.85 0.69 0.00	33.63 0.79 0.00	37.81 0.88 0.00	40.84 0.88 0.00	44.28 1.04 0.00	46.32 0.82 0.00	48.72 0.67 0.00	56.56 0.72 0.00	65.64 0.84 0.00	72.86 0.72 0.00	73.48 0.73 0.00	65.69 0.72 -0.02	58.11 0.96 -0.35	50.10 0.73 -0.71	46.03 0.88 -0.90
CHAT_HIGH_FALL_HYD 323578	41.14 0.92 0.00	36.25 0.82 0.00	33.94 0.70 0.00	31.57 0.62 0.00	32.47 0.61 0.00	32.94 0.65 0.00	32.72 0.67 0.00	32.85 0.61 0.00	30.96 0.58 0.00	30.79 0.63 0.00	33.60 0.76 0.00	37.74 0.81 0.00	40.76 0.80 0.00	44.15 0.91 0.00	46.14 0.64 0.00	48.67 0.62 0.00	56.56 0.73 0.00	65.64 0.84 0.00	73.00 0.87 0.00	73.70 0.95 0.00	66.17 1.17 -0.05	58.86 1.19 -0.87	51.31 0.88 -1.77	47.29 0.80 -2.25
CHAUTAUQUA___LFGE 323629	41.34 1.12 0.00	35.72 0.28 0.00	33.54 0.30 0.00	31.01 0.06 0.00	31.54 -0.32 0.00	31.87 -0.42 0.00	31.98 -0.06 0.00	33.05 0.81 0.00	31.97 1.58 0.00	31.99 1.84 0.00	34.85 2.00 0.00	40.21 3.29 0.00	44.04 4.08 0.00	48.46 5.19 -0.03	51.54 6.01 -0.03	54.32 6.24 -0.03	62.96 7.09 -0.03	71.67 6.87 -0.01	79.21 7.07 0.00	79.37 6.62 0.00	71.06 6.10 0.00	60.54 3.75 0.00	52.32 3.65 0.00	47.48 3.23 0.00
CHERRYST_13_KV_LD 356241	41.71 1.49 0.00	36.78 1.35 0.00	34.40 1.16 0.00	32.07 1.11 0.00	32.94 1.08 0.00	33.39 1.10 0.00	33.29 1.25 0.00	33.56 1.32 0.00	31.69 1.31 0.00	31.63 1.48 0.00	34.49 1.64 0.00	38.94 1.74 -0.28	42.40 1.92 -0.52	45.94 1.95 -0.75	48.15 1.87 -0.78	50.23 1.73 -0.46	57.51 1.68 0.00	66.42 1.62 0.00	73.58 1.44 0.00	74.35 1.60 0.00	65.99 1.04 0.00	57.71 0.91 0.00	49.98 1.31 0.00	45.66 1.42 0.00

CHESTROR_138KV_BK263 355645	40.90 0.68 0.00	36.15 0.71 0.00	33.87 0.63 0.00	31.57 0.62 0.00	32.47 0.61 0.00	32.91 0.61 0.00	32.75 0.70 0.00	32.92 0.68 0.00	31.03 0.64 0.00	30.82 0.66 0.00	33.63 0.79 0.00	37.91 0.74 -0.24	41.24 0.84 -0.44	44.66 0.78 -0.64	46.94 0.77 -0.66	49.15 0.72 -0.39	56.51 0.67 0.00	65.51 0.71 0.00	72.71 0.58 0.00	73.55 0.80 0.00	65.34 0.39 0.00	57.14 0.34 0.00	49.20 0.54 0.00	44.87 0.62 0.00
CH_MIDHUDSON___DRP 24192	41.14 0.92 0.00	36.36 0.92 0.00	34.07 0.83 0.00	31.79 0.84 0.00	32.69 0.83 0.00	33.10 0.81 0.00	32.94 0.90 0.00	33.11 0.87 0.00	31.15 0.76 0.00	30.94 0.78 0.00	33.76 0.92 0.00	37.98 0.85 -0.20	41.29 0.96 -0.37	44.73 0.95 -0.53	47.01 0.96 -0.55	49.28 0.91 -0.32	56.79 0.95 0.00	65.97 1.17 0.00	73.22 1.08 0.00	73.99 1.24 0.00	65.67 0.71 0.00	57.48 0.68 0.00	49.44 0.78 0.00	45.13 0.88 0.00
CH_MISC_IPPS 23765	41.34 1.12 0.00	36.54 1.10 0.00	34.17 0.93 0.00	31.85 0.90 0.00	32.78 0.92 0.00	33.26 0.97 0.00	33.07 1.03 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.06 0.90 0.00	33.89 1.05 0.00	38.18 1.03 -0.22	41.53 1.16 -0.41	45.00 1.17 -0.59	47.34 1.23 -0.61	49.70 1.30 -0.36	57.29 1.45 0.00	66.48 1.68 0.00	73.86 1.73 0.00	74.72 1.97 0.00	66.32 1.37 0.00	57.87 1.08 0.00	49.78 1.12 0.00	45.27 1.02 0.00
CH_RES_BVR_FALLS 23983	40.10 -0.12 0.00	35.30 -0.14 0.00	33.11 -0.13 0.00	30.83 -0.12 0.00	31.73 -0.13 0.00	32.20 -0.10 0.00	31.95 -0.10 0.00	32.18 -0.06 0.00	30.36 -0.03 0.00	30.18 0.03 0.00	32.91 0.07 0.00	37.00 0.07 0.00	40.04 0.08 0.00	43.33 0.09 0.00	45.59 0.09 0.00	48.09 0.05 0.00	55.89 0.06 0.00	64.86 0.06 0.00	72.14 0.00 0.00	72.75 0.00 0.00	64.95 0.00 0.00	56.85 0.06 0.00	48.66 0.00 0.00	44.20 -0.04 0.00
CH_RES_NIAGARA 23895	40.30 0.08 0.00	34.91 -0.53 0.00	32.77 -0.47 0.00	30.08 -0.87 0.00	30.78 -1.08 0.00	31.16 -1.13 0.00	31.21 -0.83 0.00	32.69 0.45 0.00	31.63 1.25 0.00	31.18 1.03 0.00	33.83 0.99 0.00	38.85 1.92 0.00	42.56 2.60 0.00	46.22 2.94 -0.04	48.59 3.05 -0.04	51.25 3.17 -0.04	59.50 3.63 -0.04	68.57 3.76 -0.01	75.53 3.39 0.00	75.44 2.69 0.00	67.29 2.34 0.00	57.76 0.97 0.00	50.17 1.51 0.00	46.15 1.90 0.00
CH_RES_SYRACUSE 23985	40.06 -0.16 0.00	35.15 -0.28 0.00	32.97 -0.27 0.00	30.64 -0.31 0.00	31.51 -0.35 0.00	31.94 -0.35 0.00	31.72 -0.32 0.00	32.02 -0.22 0.00	30.27 -0.12 0.00	30.03 -0.12 0.00	32.68 -0.16 0.00	36.89 -0.04 0.00	40.00 0.04 0.00	43.42 0.17 0.00	45.78 0.27 0.00	48.43 0.38 0.00	56.34 0.50 0.00	65.45 0.65 0.00	72.93 0.79 0.00	73.63 0.88 0.00	65.74 0.78 0.00	57.14 0.34 0.00	48.91 0.24 0.00	44.34 0.09 0.00
CLINTON_WT_PWR 323605	41.10 0.88 0.00	36.22 0.78 0.00	33.90 0.66 0.00	31.54 0.59 0.00	32.46 0.60 0.00	32.90 0.61 0.00	32.69 0.64 0.00	32.85 0.61 0.00	31.00 0.61 0.00	30.85 0.69 0.00	33.63 0.79 0.00	37.81 0.88 0.00	40.84 0.88 0.00	44.28 1.04 0.00	46.32 0.82 0.00	48.72 0.67 0.00	56.56 0.72 0.00	65.64 0.84 0.00	72.86 0.72 0.00	73.48 0.73 0.00	65.69 0.72 -0.02	58.11 0.96 -0.35	50.10 0.73 -0.71	46.03 0.88 -0.90
CLINTON___LFGE 323618	41.78 1.57 0.00	36.78 1.35 0.00	34.43 1.19 0.00	32.00 1.05 0.00	32.94 1.08 0.00	33.36 1.06 0.00	33.20 1.15 0.00	33.34 1.10 0.00	31.48 1.09 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.41 1.48 0.00	41.48 1.52 0.00	45.02 1.77 0.00	46.96 1.46 0.00	49.25 1.20 0.00	57.17 1.34 0.00	66.42 1.62 0.00	73.80 1.66 0.00	74.43 1.67 0.00	66.60 1.62 -0.03	59.10 1.82 -0.49	51.07 1.41 -0.99	47.09 1.59 -1.26
COBBLENY_34_KV_TB1 80064	41.62 1.41 0.00	36.01 0.57 0.00	33.81 0.57 0.00	30.98 0.03 0.00	31.70 -0.16 0.00	32.16 -0.13 0.00	32.24 0.19 0.00	33.34 1.10 0.00	32.21 1.82 0.00	32.17 2.02 0.00	34.95 2.10 0.00	40.22 3.29 0.00	44.08 4.12 -0.03	48.29 5.02 -0.03	50.95 5.41 -0.03	53.94 5.86 -0.03	62.57 6.70 -0.03	71.61 6.80 -0.01	79.06 6.92 0.00	79.08 6.33 0.00	70.48 5.52 0.00	60.32 3.52 0.00	52.17 3.50 0.00	47.43 3.19 0.00
COFFEEN___115KV_TB3 355620	41.87 1.65 0.00	36.32 0.89 0.00	33.87 0.63 0.00	31.42 0.46 0.00	32.34 0.48 0.00	32.87 0.58 0.00	32.62 0.58 0.00	32.66 0.42 0.00	30.78 0.40 0.00	30.21 0.06 0.00	32.81 -0.03 0.00	37.08 0.15 0.00	39.88 -0.08 0.00	43.55 0.30 0.00	45.82 0.32 0.00	48.91 0.86 0.00	57.06 1.23 0.00	66.42 1.62 0.00	75.53 3.39 0.00	77.19 4.44 0.00	69.71 4.68 -0.08	62.35 4.09 -1.46	54.64 3.02 -2.96	49.99 1.99 -3.75
COLDSPRG_115KV_BK1 355956	40.94 0.72 0.00	35.40 -0.04 0.00	33.11 -0.13 0.00	30.43 -0.53 0.00	31.16 -0.70 0.00	31.68 -0.61 0.00	31.85 -0.19 0.00	32.73 0.48 0.00	31.69 1.31 0.00	31.72 1.57 0.00	34.62 1.77 0.00	39.88 2.95 0.00	43.68 3.72 0.00	48.76 5.49 -0.03	52.08 6.55 -0.03	55.33 7.25 -0.03	63.79 7.93 -0.03	71.22 6.42 -0.01	78.84 6.71 0.00	79.15 6.40 0.00	70.48 5.52 0.00	60.32 3.52 0.00	51.83 3.16 0.00	47.04 2.79 0.00
COLONIE_LFGE___ 323577	40.98 0.76 0.00	36.25 0.82 0.00	34.04 0.80 0.00	31.73 0.77 0.00	32.69 0.83 0.00	33.13 0.84 0.00	32.91 0.87 0.00	32.98 0.74 0.00	30.94 0.55 0.00	30.52 0.36 0.00	33.17 0.33 0.00	36.68 0.11 0.36	39.33 0.04 0.67	42.24 -0.04 0.96	44.51 0.00 1.00	47.46 0.00 0.58	55.95 0.11 0.00	65.38 0.58 0.00	73.07 0.94 0.00	73.91 1.16 0.00	65.93 0.98 0.00	57.65 0.85 0.00	49.34 0.68 0.00	45.00 0.75 0.00
COOPERNY_115KV_TB1 80082	40.70 0.48 0.00	35.93 0.50 0.00	33.67 0.43 0.00	31.38 0.43 0.00	32.31 0.45 0.00	32.74 0.45 0.00	32.56 0.51 0.00	32.76 0.52 0.00	30.87 0.49 0.00	30.66 0.51 0.00	33.44 0.59 0.00	37.68 0.59 -0.16	40.90 0.64 -0.30	44.33 0.65 -0.44	46.59 0.64 -0.45	48.93 0.62 -0.26	56.45 0.61 0.00	65.32 0.52 0.00	72.64 0.50 0.00	73.41 0.65 0.00	65.28 0.32 0.00	57.08 0.28 0.00	49.10 0.44 0.00	44.69 0.44 0.00
COPENHAGEN_WT_PWR 323753	41.47 1.25 0.00	36.08 0.64 0.00	33.67 0.43 0.00	31.26 0.31 0.00	32.18 0.32 0.00	32.68 0.39 0.00	32.43 0.39 0.00	32.50 0.26 0.00	30.66 0.27 0.00	30.15 0.00 0.00	32.75 -0.10 0.00	37.00 0.07 0.00	39.88 -0.08 0.00	43.51 0.26 0.00	45.87 0.36 0.00	48.72 0.67 0.00	56.78 0.95 0.00	66.03 1.23 0.00	74.81 2.67 0.00	76.24 3.49 0.00	68.73 3.70 -0.07	61.47 3.29 -1.38	53.89 2.43 -2.79	49.38 1.59 -3.54
CORNELL_____ 23752	40.94 0.72 0.00	35.86 0.43 0.00	33.61 0.37 0.00	31.17 0.22 0.00	32.08 0.22 0.00	32.58 0.29 0.00	32.37 0.32 0.00	32.66 0.42 0.00	30.87 0.49 0.00	30.51 0.36 0.00	33.17 0.33 0.00	37.48 0.55 0.00	40.68 0.72 0.00	44.28 1.04 0.00	46.73 1.23 0.00	49.53 1.49 0.00	57.68 1.84 0.00	66.94 2.14 0.00	74.95 2.81 0.00	75.88 3.13 0.00	67.68 2.73 0.00	58.78 1.99 0.00	50.27 1.61 0.00	45.49 1.24 0.00

CORONA V_69_KV_TB1 355595	42.11 1.89 0.00	37.00 1.56 0.00	34.50 1.26 0.00	32.10 1.15 0.00	32.94 1.08 0.00	33.29 1.00 0.00	32.94 0.90 0.00	33.21 0.97 0.00	31.45 1.06 0.00	31.51 1.36 0.00	34.85 2.00 0.00	39.39 2.18 -0.28	42.88 2.40 -0.52	45.94 1.95 -0.75	47.74 1.46 -0.78	49.69 1.20 -0.45	56.95 1.12 0.01	65.96 1.17 0.01	72.99 0.87 0.01	73.13 0.95 0.57	63.81 0.39 1.53	56.37 0.40 0.83	49.04 0.54 0.16	45.62 1.37 0.00
CORTLAND_115KV_TB3 80093	40.54 0.32 0.00	35.58 0.14 0.00	33.34 0.10 0.00	30.95 0.00 0.00	31.86 0.00 0.00	32.32 0.03 0.00	32.14 0.10 0.00	32.40 0.16 0.00	30.60 0.21 0.00	30.30 0.15 0.00	32.98 0.13 0.00	37.22 0.30 0.00	40.40 0.44 0.00	43.94 0.69 0.00	46.32 0.82 0.00	49.05 1.01 0.00	57.06 1.23 0.00	66.10 1.30 0.00	73.87 1.73 0.00	74.64 1.89 0.00	66.58 1.62 0.00	57.93 1.14 0.00	49.59 0.92 0.00	44.91 0.66 0.00
COXSACKIE__GT 23611	41.66 1.45 0.00	36.93 1.49 0.00	34.57 1.33 0.00	32.25 1.30 0.00	33.23 1.37 0.00	33.71 1.42 0.00	33.42 1.38 0.00	33.21 0.97 0.00	30.90 0.52 0.00	30.33 0.18 0.00	32.94 0.10 0.00	37.01 0.19 0.11	39.92 0.16 0.20	42.69 -0.26 0.30	45.20 0.00 0.31	47.30 0.19 0.94	53.03 0.72 3.53	60.13 2.01 6.68	74.85 2.74 0.02	76.12 3.42 0.05	67.29 2.33 0.00	58.76 1.99 0.02	49.21 1.70 1.16	45.53 1.28 0.00
CPV_VALLEY__CC1 323721	40.66 0.44 0.00	35.93 0.50 0.00	33.64 0.40 0.00	31.35 0.40 0.00	32.27 0.41 0.00	32.71 0.42 0.00	32.56 0.51 0.00	32.76 0.51 0.00	30.84 0.46 0.00	30.66 0.51 0.00	33.47 0.62 0.00	37.70 0.55 -0.21	40.99 0.64 -0.39	44.25 0.43 -0.57	46.50 0.41 -0.59	48.77 0.38 -0.34	56.17 0.34 0.00	65.00 0.19 0.00	72.21 0.07 0.00	73.04 0.29 0.00	64.95 0.00 0.00	56.74 -0.06 0.00	48.81 0.15 0.00	44.43 0.18 0.00
CPV_VALLEY__CC2 323722	40.66 0.44 0.00	35.93 0.50 0.00	33.64 0.40 0.00	31.35 0.40 0.00	32.27 0.41 0.00	32.71 0.42 0.00	32.56 0.51 0.00	32.76 0.51 0.00	30.84 0.46 0.00	30.66 0.51 0.00	33.47 0.62 0.00	37.70 0.55 -0.21	40.99 0.64 -0.39	44.25 0.43 -0.57	46.50 0.41 -0.59	48.77 0.38 -0.34	56.17 0.34 0.00	65.00 0.19 0.00	72.21 0.07 0.00	73.04 0.29 0.00	64.95 0.00 0.00	56.74 -0.06 0.00	48.81 0.15 0.00	44.43 0.18 0.00
CRESCENT__HYD 24018	40.98 0.76 0.00	36.25 0.82 0.00	34.04 0.80 0.00	31.73 0.77 0.00	32.69 0.83 0.00	33.13 0.84 0.00	32.91 0.87 0.00	32.98 0.74 0.00	30.94 0.55 0.00	30.52 0.36 0.00	33.17 0.33 0.00	36.68 0.11 0.36	39.33 0.04 0.67	42.24 -0.04 0.96	44.51 0.00 1.00	47.46 0.00 0.58	55.95 0.11 0.00	65.38 0.58 0.00	73.07 0.94 0.00	73.91 1.16 0.00	65.93 0.98 0.00	57.65 0.85 0.00	49.34 0.68 0.00	45.00 0.75 0.00
CRICKET__VALLEY_CC1 323756	40.62 0.40 0.00	35.93 0.50 0.00	33.71 0.47 0.00	31.42 0.46 0.00	32.34 0.48 0.00	32.78 0.49 0.00	32.59 0.54 0.00	32.79 0.55 0.00	30.84 0.46 0.00	30.57 0.42 0.00	33.37 0.52 0.00	33.55 0.33 3.71	33.39 0.36 6.93	33.37 0.13 10.00	35.17 0.05 10.38	41.96 -0.05 6.04	55.67 -0.17 0.00	64.74 -0.06 0.00	71.99 -0.14 0.00	72.68 -0.07 0.00	64.70 -0.26 0.00	56.63 -0.17 0.00	48.66 0.00 0.00	44.43 0.18 0.00
CRICKET__VALLEY_CC2 323757	40.62 0.40 0.00	35.93 0.50 0.00	33.71 0.47 0.00	31.42 0.46 0.00	32.34 0.48 0.00	32.78 0.49 0.00	32.59 0.54 0.00	32.79 0.55 0.00	30.84 0.46 0.00	30.57 0.42 0.00	33.37 0.52 0.00	33.55 0.33 3.71	33.39 0.36 6.93	33.37 0.13 10.00	35.17 0.05 10.38	41.96 -0.05 6.04	55.67 -0.17 0.00	64.74 -0.06 0.00	71.99 -0.14 0.00	72.68 -0.07 0.00	64.70 -0.26 0.00	56.63 -0.17 0.00	48.66 0.00 0.00	44.43 0.18 0.00
CRICKET__VALLEY_CC3 323758	40.62 0.40 0.00	35.93 0.50 0.00	33.71 0.47 0.00	31.42 0.46 0.00	32.34 0.48 0.00	32.78 0.49 0.00	32.59 0.54 0.00	32.79 0.55 0.00	30.84 0.46 0.00	30.57 0.42 0.00	33.37 0.52 0.00	33.55 0.33 3.71	33.39 0.36 6.93	33.37 0.13 10.00	35.17 0.05 10.38	41.96 -0.05 6.04	55.67 -0.17 0.00	64.74 -0.06 0.00	71.99 -0.14 0.00	72.68 -0.07 0.00	64.70 -0.26 0.00	56.63 -0.17 0.00	48.66 0.00 0.00	44.43 0.18 0.00
CRUCIBLE_METL_DRP 24180	40.06 -0.16 0.00	35.15 -0.28 0.00	32.97 -0.27 0.00	30.58 -0.37 0.00	31.48 -0.38 0.00	31.94 -0.36 0.00	31.72 -0.32 0.00	32.02 -0.23 0.00	30.27 -0.12 0.00	30.03 -0.12 0.00	32.68 -0.16 0.00	36.89 -0.04 0.00	40.00 0.04 0.00	43.42 0.17 0.00	45.78 0.27 0.00	48.43 0.38 0.00	56.34 0.50 0.00	65.45 0.65 0.00	72.93 0.79 0.00	73.55 0.80 0.00	65.60 0.65 0.00	57.14 0.34 0.00	48.91 0.24 0.00	44.29 0.04 0.00
DAHOWA__HYDRO 323763	41.66 1.45 0.00	36.78 1.35 0.00	34.47 1.23 0.00	32.10 1.15 0.00	33.10 1.24 0.00	33.59 1.29 0.00	33.33 1.28 0.00	33.34 1.10 0.00	31.15 0.76 0.00	30.63 0.48 0.00	33.14 0.29 0.00	36.75 0.11 0.29	39.41 0.00 0.55	42.45 0.00 0.79	44.77 0.09 0.82	47.76 0.19 0.48	56.34 0.50 0.00	66.03 1.23 0.00	74.51 2.38 0.00	75.52 2.76 0.00	67.55 2.60 0.00	59.01 2.21 0.00	50.37 1.70 0.00	45.80 1.55 0.00
DANC__LFGE 323619	40.74 0.52 0.00	35.54 0.11 0.00	33.24 0.00 0.00	30.89 -0.06 0.00	31.76 -0.10 0.00	32.26 -0.03 0.00	32.01 -0.03 0.00	32.15 -0.10 0.00	30.36 -0.03 0.00	29.94 -0.21 0.00	32.55 -0.30 0.00	36.75 -0.18 0.00	39.68 -0.28 0.00	43.20 -0.04 0.00	45.55 0.05 0.00	48.29 0.24 0.00	56.17 0.34 0.00	65.26 0.46 0.00	73.50 1.37 0.00	74.64 1.89 0.00	67.08 2.08 -0.05	59.54 1.82 -0.93	51.90 1.36 -1.87	47.38 0.75 -2.38
DANSKAMMER__1 23586	41.34 1.12 0.00	36.54 1.10 0.00	34.17 0.93 0.00	31.85 0.90 0.00	32.78 0.92 0.00	33.26 0.97 0.00	33.07 1.03 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.06 0.90 0.00	33.89 1.05 0.00	38.18 1.03 -0.22	41.53 1.16 -0.41	45.00 1.17 -0.59	47.34 1.23 -0.61	49.70 1.30 -0.36	57.29 1.45 0.00	66.48 1.68 0.00	73.86 1.73 0.00	74.72 1.97 0.00	66.32 1.37 0.00	57.87 1.08 0.00	49.78 1.12 0.00	45.27 1.02 0.00
DANSKAMMER__2 23589	41.34 1.12 0.00	36.54 1.10 0.00	34.17 0.93 0.00	31.85 0.90 0.00	32.78 0.92 0.00	33.26 0.97 0.00	33.07 1.03 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.06 0.90 0.00	33.89 1.05 0.00	38.18 1.03 -0.22	41.53 1.16 -0.41	45.00 1.17 -0.59	47.34 1.23 -0.61	49.70 1.30 -0.36	57.29 1.45 0.00	66.48 1.68 0.00	73.86 1.73 0.00	74.72 1.97 0.00	66.32 1.37 0.00	57.87 1.08 0.00	49.78 1.12 0.00	45.27 1.02 0.00
DANSKAMMER__3 23590	41.34 1.12 0.00	36.54 1.10 0.00	34.17 0.93 0.00	31.85 0.90 0.00	32.78 0.92 0.00	33.26 0.97 0.00	33.07 1.03 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.06 0.90 0.00	33.89 1.05 0.00	38.18 1.03 -0.22	41.53 1.16 -0.41	45.00 1.17 -0.59	47.34 1.23 -0.61	49.70 1.30 -0.36	57.29 1.45 0.00	66.48 1.68 0.00	73.86 1.73 0.00	74.72 1.97 0.00	66.32 1.37 0.00	57.87 1.08 0.00	49.78 1.12 0.00	45.27 1.02 0.00

DANSKAMMER___4 23591	41.34 1.12 0.00	36.54 1.10 0.00	34.17 0.93 0.00	31.85 0.90 0.00	32.78 0.92 0.00	33.26 0.97 0.00	33.07 1.03 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.06 0.90 0.00	33.89 1.05 0.00	38.18 1.03 -0.22	41.53 1.16 -0.41	45.00 1.17 -0.59	47.34 1.23 -0.61	49.70 1.30 -0.36	57.29 1.45 0.00	66.48 1.68 0.00	73.86 1.73 0.00	74.72 1.97 0.00	66.32 1.37 0.00	57.87 1.08 0.00	49.78 1.12 0.00	45.27 1.02 0.00
DANSKAMMER___DIESEL 23592	41.34 1.13 0.00	36.54 1.10 0.00	34.20 0.96 0.00	31.91 0.96 0.00	32.82 0.96 0.00	33.26 0.97 0.00	33.07 1.03 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.06 0.90 0.00	33.90 1.05 0.00	38.18 1.03 -0.22	41.53 1.16 -0.41	45.09 1.25 -0.59	47.43 1.32 -0.61	49.70 1.30 -0.36	57.29 1.45 0.00	66.55 1.75 0.00	73.87 1.73 0.00	74.72 1.96 0.00	66.25 1.30 0.00	57.88 1.08 0.00	49.83 1.17 0.00	45.40 1.15 0.00
DARBY___SOLAR 323810	41.50 1.29 0.00	36.68 1.24 0.00	34.37 1.13 0.00	32.00 1.05 0.00	33.01 1.15 0.00	33.49 1.20 0.00	33.23 1.19 0.00	33.24 1.00 0.00	31.06 0.67 0.00	30.57 0.42 0.00	33.08 0.23 0.00	36.66 0.04 0.30	39.35 -0.04 0.57	42.34 -0.09 0.82	44.65 0.00 0.85	47.64 0.10 0.50	56.23 0.39 0.00	65.83 1.03 0.00	74.23 2.09 0.00	75.23 2.47 0.00	67.23 2.27 0.00	58.73 1.93 0.00	50.17 1.51 0.00	45.66 1.42 0.00
DASHVILLE___HYD 23610	41.02 0.80 0.00	36.25 0.82 0.00	33.94 0.70 0.00	31.66 0.71 0.00	32.56 0.70 0.00	32.97 0.68 0.00	32.75 0.70 0.00	32.85 0.61 0.00	30.87 0.49 0.00	30.63 0.48 0.00	33.47 0.62 0.00	37.91 0.85 -0.13	41.20 1.00 -0.24	44.71 1.12 -0.34	47.00 1.14 -0.36	49.22 1.15 -0.03	56.21 1.23 0.85	64.75 1.56 1.61	73.28 1.15 0.01	74.49 1.75 0.01	65.47 0.52 0.00	57.42 0.62 0.01	49.41 1.02 0.28	45.04 0.80 0.00
DELAWARE___LFGE 323621	40.98 0.76 0.00	36.08 0.64 0.00	33.84 0.60 0.00	31.57 0.62 0.00	32.53 0.67 0.00	32.97 0.68 0.00	32.75 0.70 0.00	32.92 0.68 0.00	31.00 0.61 0.00	30.66 0.51 0.00	33.40 0.56 0.00	37.59 0.66 0.00	40.68 0.72 0.00	44.15 0.91 0.00	46.46 0.96 0.00	49.15 1.11 0.00	57.12 1.28 0.00	66.10 1.30 0.00	73.72 1.59 0.00	74.50 1.75 0.00	66.45 1.49 0.00	58.05 1.25 0.00	49.73 1.07 0.00	45.18 0.93 0.00
DERFIELD_115KV_TB7 355931	40.14 -0.08 0.00	35.37 -0.07 0.00	33.21 -0.03 0.00	30.92 -0.03 0.00	31.86 0.00 0.00	32.26 -0.03 0.00	32.01 -0.03 0.00	32.18 -0.06 0.00	30.33 -0.06 0.00	30.06 -0.09 0.00	32.75 -0.10 0.00	36.82 -0.11 0.00	39.84 -0.12 0.00	43.11 -0.13 0.00	45.37 -0.14 0.00	47.95 -0.10 0.00	55.72 -0.11 0.00	64.67 -0.13 0.00	72.06 -0.07 0.00	72.75 0.00 0.00	64.89 -0.06 0.00	56.74 -0.06 0.00	48.57 -0.10 0.00	44.16 -0.09 0.00
DOGLEVILLE___HYD 23807	39.61 -0.60 0.00	34.91 -0.53 0.00	32.71 -0.53 0.00	30.49 -0.46 0.00	31.38 -0.48 0.00	31.84 -0.45 0.00	31.56 -0.48 0.00	31.73 -0.52 0.00	29.87 -0.52 0.00	29.58 -0.57 0.00	32.22 -0.62 0.00	36.23 -0.70 0.00	39.20 -0.76 0.00	42.42 -0.82 0.00	44.64 -0.86 0.00	47.23 -0.82 0.00	54.94 -0.89 0.00	63.76 -1.04 0.00	71.27 -0.87 0.00	72.02 -0.73 0.00	64.30 -0.65 0.00	56.29 -0.51 0.00	48.13 -0.54 0.00	43.63 -0.62 0.00
DUNKIRK___115KV_TB_200 55889	41.34 1.13 0.00	35.76 0.32 0.00	33.47 0.23 0.00	30.73 -0.22 0.00	31.45 -0.41 0.00	31.91 -0.39 0.00	32.04 0.00 0.00	33.05 0.81 0.00	32.00 1.61 0.00	31.99 1.84 0.00	34.81 1.97 0.00	40.14 3.21 0.00	44.00 4.04 -0.03	48.33 5.06 -0.03	51.09 5.55 -0.03	54.08 6.01 -0.03	62.73 6.87 -0.03	71.48 6.67 -0.01	78.99 6.85 0.00	79.23 6.47 0.00	70.61 5.65 0.00	60.43 3.64 0.00	52.12 3.46 0.00	47.35 3.10 0.00
DUNKIRK___1 23563	41.34 1.13 0.00	35.76 0.32 0.00	33.47 0.23 0.00	30.73 -0.22 0.00	31.45 -0.41 0.00	31.91 -0.39 0.00	32.04 0.00 0.00	33.05 0.81 0.00	32.00 1.61 0.00	31.99 1.84 0.00	34.81 1.97 0.00	40.14 3.21 0.00	44.00 4.04 -0.03	48.33 5.06 -0.03	51.09 5.55 -0.03	54.08 6.01 -0.03	62.73 6.87 -0.03	71.48 6.67 -0.01	78.99 6.85 0.00	79.23 6.47 0.00	70.61 5.65 0.00	60.43 3.64 0.00	52.12 3.46 0.00	47.35 3.10 0.00
DUNKIRK___2 23564	41.34 1.13 0.00	35.76 0.32 0.00	33.47 0.23 0.00	30.73 -0.22 0.00	31.45 -0.41 0.00	31.91 -0.39 0.00	32.04 0.00 0.00	33.05 0.81 0.00	32.00 1.61 0.00	31.99 1.84 0.00	34.81 1.97 0.00	40.14 3.21 0.00	44.00 4.04 0.00	48.33 5.06 -0.03	51.09 5.55 -0.03	54.08 6.01 -0.03	62.73 6.87 -0.03	71.48 6.67 -0.01	78.99 6.85 0.00	79.23 6.47 0.00	70.61 5.65 0.00	60.43 3.64 0.00	52.12 3.46 0.00	47.35 3.10 0.00
DUNKIRK___3 23565	41.30 1.09 0.00	35.72 0.28 0.00	33.51 0.27 0.00	30.73 -0.22 0.00	31.48 -0.38 0.00	31.94 -0.36 0.00	32.01 -0.03 0.00	33.02 0.77 0.00	31.94 1.55 0.00	31.90 1.75 0.00	34.68 1.84 0.00	39.96 3.03 0.00	43.76 3.80 0.00	48.03 4.76 -0.03	50.72 5.19 -0.03	53.70 5.62 -0.03	62.29 6.42 -0.03	71.03 6.22 -0.01	78.48 6.35 0.00	78.64 5.89 0.00	70.09 5.13 0.00	60.03 3.24 0.00	51.83 3.16 0.00	47.12 2.88 0.00
DUNKIRK___4 23566	41.30 1.09 0.00	35.72 0.28 0.00	33.51 0.27 0.00	30.73 -0.22 0.00	31.48 -0.38 0.00	31.94 -0.36 0.00	32.01 -0.03 0.00	33.02 0.77 0.00	31.94 1.55 0.00	31.90 1.75 0.00	34.68 1.84 0.00	39.96 3.03 0.00	43.76 3.80 0.00	48.03 4.76 -0.03	50.72 5.19 -0.03	53.70 5.62 -0.03	62.29 6.42 -0.03	71.03 6.22 -0.01	78.48 6.35 0.00	78.64 5.89 0.00	70.09 5.13 0.00	60.03 3.24 0.00	51.83 3.16 0.00	47.12 2.88 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	41.38 1.17 0.00	36.54 1.10 0.00	34.20 0.96 0.00	31.88 0.93 0.00	32.75 0.89 0.00	33.20 0.90 0.00	33.07 1.03 0.00	33.31 1.06 0.00	31.42 1.03 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.58 1.37 -0.28	42.00 1.52 -0.52	45.47 1.47 -0.75	47.70 1.41 -0.78	49.75 1.25 -0.46	57.01 1.17 0.00	65.97 1.17 0.00	73.15 1.01 0.00	73.92 1.16 0.00	65.60 0.65 0.00	57.42 0.62 0.00	49.59 0.92 0.00	45.27 1.02 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	41.10 0.88 0.00	36.32 0.89 0.00	34.00 0.76 0.00	31.72 0.77 0.00	32.62 0.76 0.00	33.07 0.78 0.00	32.88 0.83 0.00	33.08 0.84 0.00	31.15 0.76 0.00	30.94 0.78 0.00	33.76 0.92 0.00	38.03 0.89 -0.22	41.37 1.00 -0.41	44.83 0.99 -0.59	47.11 1.00 -0.61	49.36 0.96 -0.36	56.90 1.06 0.00	65.97 1.17 0.00	73.22 1.08 0.00	74.06 1.31 0.00	65.73 0.78 0.00	57.48 0.68 0.00	49.49 0.83 0.00	45.09 0.84 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	41.87 1.65 0.00	36.93 1.49 0.00	34.54 1.30 0.00	32.19 1.24 0.00	33.07 1.21 0.00	33.55 1.26 0.00	33.33 1.28 0.00	33.27 1.03 0.00	31.24 0.85 0.00	31.24 1.09 0.00	34.13 1.28 0.00	38.46 1.26 -0.28	41.84 1.36 -0.52	45.30 1.30 -0.75	47.56 1.27 -0.78	49.32 0.82 -0.46	56.45 0.61 0.00	65.38 0.58 0.00	72.50 0.36 0.00	73.26 0.51 0.00	65.02 0.06 0.00	56.97 0.17 0.00	49.69 1.02 0.00	45.71 1.46 0.00

E179THST_13_KV_LOAD 356214	42.07 1.85 0.00	37.10 1.67 0.00	34.70 1.46 0.00	32.31 1.36 0.00	33.23 1.37 0.00	33.71 1.42 0.00	33.45 1.41 0.00	33.43 1.19 0.00	31.39 1.00 0.00	31.42 1.27 0.00	34.29 1.45 0.00	38.69 1.48 -0.28	42.08 1.60 -0.52	45.60 1.60 -0.75	47.83 1.55 -0.78	49.60 1.11 -0.46	56.79 0.95 0.00	65.84 1.04 0.00	72.93 0.79 0.00	73.77 1.02 0.00	65.47 0.52 0.00	57.31 0.51 0.00	49.98 1.31 0.00	45.97 1.73 0.00
EAST HAMPTON___GT 23717	43.60 3.38 0.00	38.17 2.73 0.00	35.47 2.23 0.00	32.87 1.92 0.00	33.71 1.85 0.00	34.07 1.77 0.00	33.49 1.44 0.00	33.82 1.58 0.00	32.21 1.82 0.00	32.51 2.35 0.00	36.29 3.45 0.00	41.13 3.91 -0.29	44.77 4.28 -0.53	47.02 3.03 -0.75	48.70 2.41 -0.78	51.76 3.27 -0.45	59.74 3.91 0.01	69.13 4.34 0.01	76.52 4.40 0.02	71.18 4.14 5.72	52.02 2.93 15.86	50.64 2.39 8.55	49.07 2.04 1.64	46.02 1.77 0.00
EAST RIVER___6 23660	41.75 1.53 0.00	36.78 1.35 0.00	34.40 1.16 0.00	32.03 1.08 0.00	32.91 1.05 0.00	33.39 1.10 0.00	33.33 1.28 0.00	33.60 1.35 0.00	31.72 1.34 0.00	31.66 1.51 0.00	34.49 1.64 0.00	38.98 1.77 -0.28	42.44 1.96 -0.52	45.86 1.86 -0.75	48.11 1.82 -0.78	50.32 1.83 -0.46	57.62 1.79 0.00	66.48 1.68 0.00	73.72 1.58 0.00	74.49 1.74 0.00	66.25 1.30 0.00	57.82 1.02 0.00	49.98 1.31 0.00	45.48 1.24 0.00
EAST RIVER___7 23524	41.75 1.53 0.00	36.78 1.35 0.00	34.40 1.16 0.00	32.03 1.08 0.00	32.91 1.05 0.00	33.39 1.10 0.00	33.33 1.28 0.00	33.60 1.35 0.00	31.72 1.34 0.00	31.66 1.51 0.00	34.49 1.64 0.00	38.98 1.77 -0.28	42.44 1.96 -0.52	45.86 1.86 -0.75	48.11 1.82 -0.78	50.32 1.83 -0.46	57.62 1.79 0.00	66.48 1.68 0.00	73.72 1.58 0.00	74.49 1.74 0.00	66.25 1.30 0.00	57.82 1.02 0.00	49.98 1.31 0.00	45.48 1.24 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	41.30 1.09 0.00	36.47 1.03 0.00	34.14 0.90 0.00	31.82 0.87 0.00	32.72 0.86 0.00	33.16 0.87 0.00	33.01 0.96 0.00	33.24 1.00 0.00	31.36 0.97 0.00	31.21 1.06 0.00	34.09 1.25 0.00	38.46 1.26 -0.28	41.88 1.40 -0.52	45.34 1.34 -0.75	47.56 1.27 -0.78	49.65 1.15 -0.45	56.90 1.06 0.00	65.84 1.04 0.00	73.00 0.87 0.00	73.84 1.09 0.00	65.54 0.58 0.00	57.37 0.57 0.00	49.49 0.83 0.00	45.18 0.93 0.00
EAST_HAMPTON___DIESEL 23722	43.60 3.38 0.00	38.17 2.73 0.00	35.50 2.26 0.00	32.87 1.92 0.00	33.71 1.85 0.00	34.07 1.77 0.00	33.49 1.44 0.00	33.82 1.58 0.00	32.24 1.85 0.00	32.53 2.38 0.00	36.29 3.45 0.00	41.13 3.91 -0.29	44.77 4.28 -0.53	47.02 3.03 -0.75	48.70 2.41 -0.78	51.76 3.27 -0.45	59.74 3.91 0.01	69.13 4.34 0.01	76.52 4.40 0.02	71.18 4.14 5.72	52.02 2.93 15.86	50.64 2.39 8.55	49.07 2.04 1.64	46.02 1.77 0.00
EAST_POINT___SOLAR 323840	43.44 3.22 0.00	38.17 2.73 0.00	35.70 2.46 0.00	33.21 2.26 0.00	34.25 2.39 0.00	34.78 2.49 0.00	34.25 2.21 0.00	33.37 1.13 0.00	30.45 0.06 0.00	29.70 -0.45 0.00	32.12 -0.72 0.00	35.83 -0.92 0.18	38.55 -1.08 0.34	41.81 -0.95 0.49	44.13 -0.87 0.50	47.12 -0.63 0.29	55.89 0.06 0.00	66.35 1.55 0.00	76.32 4.18 0.00	79.08 6.33 0.00	71.32 6.37 0.00	62.13 5.34 0.00	52.99 4.33 0.00	47.92 3.67 0.00
EAST_PULASKI___ESR 323781	40.06 -0.16 0.00	35.08 -0.35 0.00	32.88 -0.36 0.00	30.52 -0.43 0.00	31.41 -0.45 0.00	31.87 -0.42 0.00	31.63 -0.42 0.00	31.86 -0.39 0.00	30.05 -0.33 0.00	29.76 -0.39 0.00	32.38 -0.46 0.00	36.52 -0.41 0.00	39.52 -0.44 0.00	42.94 -0.30 0.00	45.23 -0.27 0.00	47.90 -0.14 0.00	55.56 -0.28 0.00	64.48 -0.32 0.00	72.21 0.07 0.00	73.12 0.37 0.00	65.50 0.52 -0.03	57.62 0.34 -0.48	49.98 0.34 -0.98	45.53 0.04 -1.24
EAST_RIVER___1 323558	41.59 1.37 0.00	36.68 1.24 0.00	34.30 1.06 0.00	31.94 0.99 0.00	32.81 0.95 0.00	33.29 1.00 0.00	33.20 1.15 0.00	33.47 1.22 0.00	31.60 1.22 0.00	31.51 1.36 0.00	34.36 1.51 0.00	38.80 1.59 -0.28	42.24 1.76 -0.52	45.64 1.64 -0.75	47.88 1.59 -0.78	50.04 1.54 -0.46	57.29 1.45 0.00	66.10 1.30 0.00	73.29 1.15 0.00	74.06 1.31 0.00	65.80 0.84 0.00	57.48 0.68 0.00	49.73 1.07 0.00	45.31 1.06 0.00
EAST_RIVER___2 323559	41.75 1.53 0.00	36.78 1.35 0.00	34.40 1.16 0.00	32.03 1.08 0.00	32.91 1.05 0.00	33.39 1.10 0.00	33.33 1.28 0.00	33.60 1.35 0.00	31.72 1.34 0.00	31.66 1.51 0.00	34.49 1.64 0.00	38.98 1.77 -0.28	42.44 1.96 -0.52	45.86 1.86 -0.75	48.11 1.82 -0.78	50.32 1.83 -0.46	57.62 1.79 0.00	66.48 1.68 0.00	73.72 1.58 0.00	74.49 1.74 0.00	66.25 1.30 0.00	57.82 1.02 0.00	49.98 1.31 0.00	45.48 1.24 0.00
EAST___DELAWARE_HYD 23607	41.10 0.88 0.00	36.25 0.82 0.00	33.90 0.66 0.00	31.60 0.65 0.00	32.50 0.64 0.00	33.00 0.71 0.00	32.81 0.77 0.00	32.95 0.71 0.00	31.03 0.64 0.00	30.79 0.63 0.00	33.57 0.72 0.00	37.84 0.74 -0.17	41.12 0.84 -0.32	44.62 0.91 -0.47	46.99 1.00 -0.48	49.37 1.11 -0.22	56.90 1.34 0.27	65.83 1.55 0.52	73.86 1.73 0.00	74.71 1.97 0.00	66.45 1.50 0.00	57.93 1.14 0.00	49.69 1.12 0.09	45.18 0.93 0.00
EIGHT_POINT___WT_PWR 323820	41.14 0.93 0.00	35.72 0.28 0.00	33.54 0.30 0.00	31.01 0.06 0.00	31.73 -0.13 0.00	32.20 -0.10 0.00	32.21 0.16 0.00	32.82 0.58 0.00	31.30 0.91 0.00	31.09 0.94 0.00	33.76 0.92 0.00	38.63 1.70 0.00	42.24 2.28 0.00	46.41 3.16 -0.01	49.47 3.96 -0.01	52.14 4.08 -0.01	60.32 4.47 -0.01	69.01 4.21 0.00	76.97 4.83 0.00	77.92 5.17 0.00	69.76 4.81 0.00	59.75 2.95 0.00	51.44 2.77 0.00	46.59 2.34 0.00
ELBRIDGE_115KV_TB2 80188	39.90 -0.32 0.00	35.01 -0.43 0.00	32.84 -0.40 0.00	30.49 -0.46 0.00	31.38 -0.48 0.00	31.84 -0.45 0.00	31.60 -0.45 0.00	31.92 -0.32 0.00	30.17 -0.21 0.00	29.94 -0.21 0.00	32.58 -0.26 0.00	36.78 -0.15 0.00	39.92 -0.04 0.00	43.33 0.09 0.00	45.68 0.18 0.00	48.28 0.24 0.00	56.17 0.34 0.00	65.25 0.45 0.00	72.71 0.58 0.00	73.33 0.58 0.00	65.41 0.45 0.00	56.91 0.11 0.00	48.71 0.05 0.00	44.20 -0.04 0.00
ELEC_TRO_TEK 24086	41.83 1.61 0.00	36.78 1.35 0.00	34.30 1.06 0.00	31.88 0.93 0.00	32.72 0.86 0.00	33.10 0.81 0.00	32.78 0.74 0.00	33.05 0.81 0.00	31.27 0.88 0.00	31.33 1.18 0.00	34.65 1.81 0.00	39.13 1.92 -0.28	42.56 2.08 -0.52	45.56 1.56 -0.75	47.33 1.05 -0.78	49.21 0.72 -0.45	56.39 0.56 0.01	65.25 0.45 0.01	72.27 0.14 0.01	71.70 0.29 1.34	61.06 -0.19 3.70	54.69 -0.11 1.99	48.42 0.15 0.39	45.27 1.02 0.00
ELLENBURG_WT_PWR 323604	41.10 0.88 0.00	36.22 0.78 0.00	33.90 0.66 0.00	31.54 0.59 0.00	32.46 0.60 0.00	32.90 0.61 0.00	32.69 0.64 0.00	32.85 0.61 0.00	31.00 0.61 0.00	30.85 0.69 0.00	33.63 0.79 0.00	37.81 0.88 0.00	40.84 0.88 0.00	44.28 1.04 0.00	46.32 0.82 0.00	48.72 0.67 0.00	56.56 0.72 0.00	65.64 0.84 0.00	72.86 0.72 0.00	73.48 0.73 0.00	65.69 0.72 -0.02	58.11 0.96 -0.35	50.10 0.73 -0.71	46.03 0.88 -0.90

ELM_ST_23_KV_LD_REV_LBMP_A 345012	41.38 1.17 0.00	35.83 0.39 0.00	33.64 0.40 0.00	30.86 -0.09 0.00	31.57 -0.29 0.00	32.00 -0.29 0.00	32.04 0.00 0.00	33.18 0.94 0.00	32.06 1.67 0.00	31.99 1.84 0.00	34.72 1.87 0.00	39.92 2.99 0.00	43.76 3.80 0.00	47.73 4.45 -0.03	50.27 4.73 -0.03	53.12 5.04 -0.03	61.68 5.81 -0.03	70.84 6.03 -0.01	78.19 6.06 0.00	78.14 5.38 0.00	69.70 4.74 0.00	59.75 2.95 0.00	51.73 3.07 0.00	47.12 2.88 0.00
EMPIRE_CC_1 323656	40.18 -0.04 0.00	35.86 0.43 0.00	33.74 0.50 0.00	31.44 0.49 0.00	32.40 0.54 0.00	32.84 0.55 0.00	32.56 0.51 0.00	32.50 0.26 0.00	30.51 0.12 0.00	30.12 -0.03 0.00	32.84 0.00 0.45	36.11 -0.37 0.45	38.64 -0.48 0.85	41.33 -0.69 1.22	43.46 -0.77 1.27	46.39 -0.91 0.74	54.77 -1.06 0.00	63.89 -0.91 0.00	71.27 -0.86 0.00	71.95 -0.80 0.00	64.18 -0.78 0.00	56.23 -0.57 0.00	48.22 -0.44 0.00	44.03 -0.22 0.00
EMPIRE_CC_2 323658	40.18 -0.04 0.00	35.86 0.43 0.00	33.74 0.50 0.00	31.44 0.49 0.00	32.40 0.54 0.00	32.84 0.55 0.00	32.56 0.51 0.00	32.50 0.26 0.00	30.51 0.12 0.00	30.12 -0.03 0.00	32.84 0.00 0.45	36.11 -0.37 0.45	38.64 -0.48 0.85	41.33 -0.69 1.22	43.46 -0.77 1.27	46.39 -0.91 0.74	54.77 -1.06 0.00	63.89 -0.91 0.00	71.27 -0.86 0.00	71.95 -0.80 0.00	64.18 -0.78 0.00	56.23 -0.57 0.00	48.22 -0.44 0.00	44.03 -0.22 0.00
ENORWICH_115KV_TB1 80156	42.63 2.41 0.00	37.32 1.88 0.00	34.87 1.63 0.00	32.37 1.42 0.00	33.36 1.50 0.00	33.97 1.68 0.00	33.84 1.79 0.00	34.14 1.90 0.00	32.21 1.82 0.00	31.54 1.39 0.00	34.16 1.31 0.00	38.70 1.77 0.00	41.88 1.92 0.00	45.97 2.72 0.00	48.46 2.96 0.00	51.84 3.80 0.00	60.58 4.75 0.00	69.98 5.18 0.00	79.20 7.07 0.00	80.46 7.71 0.00	71.90 6.95 0.00	62.42 5.62 0.00	53.19 4.53 0.00	47.70 3.45 0.00
ERIE_ST__34_KV_TB1-2 80199	42.19 1.97 0.00	36.43 0.99 0.00	34.20 0.96 0.00	31.32 0.37 0.00	32.05 0.19 0.00	32.52 0.23 0.00	32.59 0.54 0.00	33.72 1.48 0.00	32.67 2.28 0.00	32.65 2.50 0.00	35.50 2.66 0.00	40.92 3.99 0.00	44.83 4.88 0.00	49.03 5.75 -0.03	51.63 6.10 -0.03	54.71 6.63 -0.03	63.63 7.76 -0.03	73.04 8.23 -0.01	80.65 8.51 0.00	80.46 7.71 0.00	71.71 6.76 0.00	61.28 4.49 0.00	52.99 4.33 0.00	48.19 3.94 0.00
ERIE_WT_PWR 323693	41.71 1.49 0.00	36.08 0.64 0.00	33.97 0.73 0.00	31.38 0.43 0.00	31.92 0.06 0.00	32.20 -0.10 0.00	32.24 0.19 0.00	33.44 1.19 0.00	32.30 1.92 0.00	32.23 2.08 0.00	35.01 2.17 0.00	40.29 3.36 0.00	44.15 4.19 0.00	48.25 4.97 -0.03	50.81 5.28 -0.03	53.70 5.62 -0.03	62.40 6.53 -0.03	71.67 6.87 -0.01	79.13 7.00 0.00	79.08 6.33 0.00	70.86 5.91 0.00	60.38 3.58 0.00	52.36 3.70 0.00	47.66 3.41 0.00
ESPRGFLD_115KV_TB1 80157	42.59 2.37 0.00	37.39 1.95 0.00	35.00 1.76 0.00	32.56 1.61 0.00	33.58 1.72 0.00	34.10 1.81 0.00	33.81 1.76 0.00	33.79 1.55 0.00	31.57 1.19 0.00	31.06 0.90 0.00	33.73 0.89 0.00	37.85 1.03 0.11	40.91 1.16 0.21	44.50 1.56 0.30	46.87 1.68 0.31	49.93 2.07 0.18	58.57 2.74 0.00	68.23 3.43 0.00	76.97 4.83 0.00	78.28 5.53 0.00	69.96 5.00 0.00	61.00 4.20 0.00	52.12 3.46 0.00	47.12 2.88 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	40.86 0.64 0.00	35.83 0.39 0.00	33.57 0.33 0.00	31.14 0.19 0.00	32.05 0.19 0.00	32.52 0.23 0.00	32.33 0.29 0.00	32.63 0.39 0.00	30.81 0.43 0.00	30.48 0.33 0.00	33.14 0.30 0.00	37.41 0.48 0.00	40.60 0.64 0.00	44.20 0.95 0.00	46.64 1.14 0.00	49.44 1.39 0.00	57.57 1.73 0.00	66.74 1.94 0.00	74.73 2.60 0.00	75.66 2.91 0.00	67.49 2.53 0.00	58.61 1.82 0.00	50.12 1.46 0.00	45.40 1.15 0.00
ETNA____115KV_TB2 80207	40.86 0.64 0.00	35.83 0.39 0.00	33.57 0.33 0.00	31.14 0.19 0.00	32.05 0.19 0.00	32.52 0.23 0.00	32.33 0.29 0.00	32.63 0.39 0.00	30.81 0.43 0.00	30.48 0.33 0.00	33.14 0.30 0.00	37.41 0.48 0.00	40.60 0.64 0.00	44.20 0.95 0.00	46.64 1.14 0.00	49.44 1.39 0.00	57.57 1.73 0.00	66.74 1.94 0.00	74.73 2.60 0.00	75.66 2.91 0.00	67.49 2.53 0.00	58.61 1.82 0.00	50.12 1.46 0.00	45.40 1.15 0.00
EUCLID____115KV_TB2 356179	39.65 -0.56 0.00	34.80 -0.64 0.00	32.64 -0.60 0.00	30.33 -0.62 0.00	31.19 -0.67 0.00	31.65 -0.65 0.00	31.40 -0.64 0.00	31.69 -0.55 0.00	29.96 -0.43 0.00	29.76 -0.39 0.00	32.38 -0.46 0.00	36.52 -0.41 0.00	39.56 -0.40 0.00	42.94 -0.30 0.00	45.23 -0.27 0.00	47.80 -0.24 0.00	55.67 -0.17 0.00	64.61 -0.19 0.00	71.99 -0.14 0.00	72.61 -0.15 0.00	64.76 -0.19 0.00	56.40 -0.40 0.00	48.27 -0.39 0.00	43.76 -0.49 0.00
E_CANADA_CAP_HY 24051	43.27 3.06 0.00	38.02 2.59 0.00	35.60 2.36 0.00	33.12 2.17 0.00	34.16 2.30 0.00	34.65 2.36 0.00	34.32 2.28 0.00	34.01 1.77 0.00	31.48 1.09 0.00	30.81 0.66 0.00	33.37 0.52 0.00	37.24 0.48 0.16	40.14 0.48 0.30	43.54 0.73 0.44	45.96 0.91 0.46	48.98 1.20 0.27	57.90 2.07 0.00	68.04 3.24 0.00	77.40 5.26 0.00	79.16 6.40 0.00	70.93 5.97 0.00	61.80 5.00 0.00	52.75 4.09 0.00	47.74 3.49 0.00
E_CANADA_MHWK_HY 24050	39.62 -0.60 0.00	34.91 -0.53 0.00	32.71 -0.53 0.00	30.45 -0.50 0.00	31.38 -0.48 0.00	31.84 -0.45 0.00	31.57 -0.48 0.00	31.72 -0.52 0.00	29.87 -0.52 0.00	29.58 -0.57 0.00	32.22 -0.63 0.00	36.23 -0.70 0.00	39.20 -0.76 0.00	42.42 -0.82 0.00	44.69 -0.82 0.00	47.23 -0.82 0.00	54.94 -0.90 0.00	63.76 -1.04 0.00	71.20 -0.94 0.00	72.02 -0.73 0.00	64.37 -0.59 0.00	56.28 -0.51 0.00	48.13 -0.53 0.00	43.63 -0.62 0.00
E_FISHKILL__LBMP 23776	41.02 0.80 0.00	36.22 0.78 0.00	33.94 0.70 0.00	31.66 0.71 0.00	32.56 0.70 0.00	33.00 0.71 0.00	32.81 0.77 0.00	33.02 0.77 0.00	31.09 0.70 0.00	30.91 0.75 0.00	33.73 0.89 0.00	38.07 0.85 -0.29	41.41 0.92 -0.54	44.88 0.86 -0.77	47.08 0.77 -0.80	49.18 0.67 -0.47	56.39 0.56 0.00	65.38 0.58 0.00	72.57 0.43 0.00	73.33 0.58 0.00	65.15 0.19 0.00	57.02 0.23 0.00	49.15 0.49 0.00	44.87 0.62 0.00
FALCON__SEABRD_CC1 323796	41.62 1.41 0.00	36.64 1.21 0.00	34.30 1.06 0.00	31.91 0.96 0.00	32.85 0.99 0.00	33.29 1.00 0.00	33.10 1.06 0.00	33.27 1.03 0.00	31.39 1.00 0.00	31.24 1.08 0.00	34.09 1.25 0.00	38.30 1.37 0.00	41.36 1.40 0.00	44.89 1.64 0.00	46.64 1.14 0.00	48.77 0.72 0.00	56.62 0.78 0.00	65.77 0.97 0.00	73.00 0.87 0.00	73.63 0.88 0.00	65.89 0.91 -0.02	58.35 1.14 -0.42	50.38 0.88 -0.84	46.51 1.20 -1.07
FALCON__SEABRD_CC2 323797	41.62 1.41 0.00	36.64 1.21 0.00	34.30 1.06 0.00	31.91 0.96 0.00	32.85 0.99 0.00	33.29 1.00 0.00	33.10 1.06 0.00	33.27 1.03 0.00	31.39 1.00 0.00	31.24 1.08 0.00	34.09 1.25 0.00	38.30 1.37 0.00	41.36 1.40 0.00	44.89 1.64 0.00	46.64 1.14 0.00	48.77 0.72 0.00	56.62 0.78 0.00	65.77 0.97 0.00	73.00 0.87 0.00	73.63 0.88 0.00	65.89 0.91 -0.02	58.35 1.14 -0.42	50.38 0.88 -0.84	46.51 1.20 -1.07

FAR ROCKAWAY___4 23548	42.51 2.29 0.00	37.32 1.88 0.00	34.77 1.53 0.00	32.34 1.39 0.00	33.17 1.31 0.00	33.55 1.26 0.00	33.17 1.12 0.00	33.43 1.19 0.00	31.66 1.28 0.00	31.78 1.63 0.00	35.18 2.33 0.00	39.76 2.55 -0.28	43.28 2.80 -0.52	46.38 2.38 -0.75	48.24 1.96 -0.78	50.22 1.73 -0.45	57.62 1.79 0.01	66.74 1.94 0.01	73.86 1.73 0.01	73.90 1.75 0.60	64.39 1.04 1.60	56.84 0.91 0.87	49.47 0.97 0.17	46.06 1.81 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	41.58 1.37 0.00	36.68 1.24 0.00	34.34 1.10 0.00	32.00 1.05 0.00	32.88 1.02 0.00	33.29 1.00 0.00	33.20 1.15 0.00	33.47 1.23 0.00	31.60 1.22 0.00	31.51 1.36 0.00	34.35 1.51 0.00	38.83 1.62 -0.28	42.24 1.76 -0.52	45.77 1.77 -0.75	47.97 1.68 -0.78	50.04 1.54 -0.46	57.29 1.45 0.00	66.10 1.30 0.00	73.22 1.08 0.00	74.06 1.31 0.00	65.73 0.78 0.00	57.54 0.74 0.00	49.83 1.17 0.00	45.53 1.28 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	41.58 1.37 0.00	36.71 1.28 0.00	34.34 1.10 0.00	32.00 1.05 0.00	32.88 1.02 0.00	33.33 1.03 0.00	33.20 1.15 0.00	33.47 1.23 0.00	31.60 1.22 0.00	31.51 1.36 0.00	34.39 1.54 0.00	38.83 1.62 -0.28	42.24 1.76 -0.52	45.77 1.77 -0.75	47.97 1.68 -0.78	50.04 1.54 -0.46	57.29 1.45 0.00	66.10 1.30 0.00	73.29 1.15 0.00	74.06 1.31 0.00	65.73 0.78 0.00	57.54 0.74 0.00	49.83 1.17 0.00	45.53 1.28 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	41.54 1.33 0.00	36.68 1.24 0.00	34.30 1.06 0.00	31.97 1.02 0.00	32.85 0.99 0.00	33.29 1.00 0.00	33.20 1.15 0.00	33.43 1.19 0.00	31.57 1.19 0.00	31.48 1.33 0.00	34.35 1.51 0.00	38.80 1.59 -0.28	42.24 1.76 -0.52	45.73 1.73 -0.75	47.92 1.64 -0.78	49.99 1.49 -0.46	57.18 1.34 0.00	66.03 1.23 0.00	73.15 1.01 0.00	73.99 1.24 0.00	65.67 0.71 0.00	57.48 0.68 0.00	49.78 1.12 0.00	45.49 1.24 0.00
FARRAGUT___LBMP 323566	41.54 1.33 0.00	36.64 1.20 0.00	34.30 1.06 0.00	31.97 1.02 0.00	32.82 0.96 0.00	33.26 0.97 0.00	33.17 1.12 0.00	33.43 1.19 0.00	31.54 1.15 0.00	31.45 1.30 0.00	34.32 1.48 0.00	38.76 1.55 -0.28	42.20 1.72 -0.52	45.69 1.69 -0.75	47.88 1.59 -0.78	49.94 1.44 -0.46	57.18 1.34 0.00	65.97 1.17 0.00	73.15 1.01 0.00	73.92 1.16 0.00	65.60 0.65 0.00	57.42 0.62 0.00	49.73 1.07 0.00	45.44 1.19 0.00
FENNER___WINDPWR 24204	40.86 0.64 0.00	35.86 0.43 0.00	33.61 0.37 0.00	31.23 0.28 0.00	32.15 0.29 0.00	32.62 0.32 0.00	32.37 0.32 0.00	32.60 0.36 0.00	30.78 0.39 0.00	30.42 0.27 0.00	33.11 0.26 0.00	37.34 0.41 0.00	40.40 0.44 0.00	43.98 0.73 0.00	46.41 0.91 0.00	49.10 1.06 0.00	57.17 1.34 0.00	66.29 1.49 0.00	74.23 2.09 0.00	75.08 2.33 0.00	67.18 2.21 -0.01	58.73 1.70 -0.23	50.45 1.31 -0.47	45.77 0.93 -0.59
FIBERTEK___ENERGY 23856	40.06 -0.16 0.00	35.15 -0.28 0.00	32.97 -0.27 0.00	30.58 -0.37 0.00	31.48 -0.38 0.00	31.94 -0.36 0.00	31.72 -0.32 0.00	32.02 -0.23 0.00	30.27 -0.12 0.00	30.03 -0.12 0.00	32.68 -0.16 0.00	36.89 -0.04 0.00	40.00 0.04 0.00	43.42 0.17 0.00	45.78 0.27 0.00	48.43 0.38 0.00	56.34 0.50 0.00	65.45 0.65 0.00	72.93 0.79 0.00	73.55 0.80 0.00	65.60 0.65 0.00	57.14 0.34 0.00	48.91 0.24 0.00	44.29 0.04 0.00
FITZPATRICK___ 23598	39.05 -1.17 0.00	34.34 -1.10 0.00	32.21 -1.03 0.00	29.96 -0.99 0.00	30.81 -1.05 0.00	31.23 -1.06 0.00	30.99 -1.06 0.00	31.28 -0.97 0.00	29.54 -0.85 0.00	29.34 -0.81 0.00	31.92 -0.92 0.00	35.97 -0.96 0.00	38.96 -1.00 0.00	42.25 -0.99 0.00	44.46 -1.04 0.00	46.99 -1.06 0.00	54.72 -1.12 0.00	63.50 -1.30 0.00	70.76 -1.37 0.00	71.30 -1.45 0.00	63.72 -1.24 0.00	55.49 -1.30 0.00	47.55 -1.12 0.00	43.14 -1.10 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	41.42 1.21 0.00	36.61 1.17 0.00	34.24 1.00 0.00	31.94 0.99 0.00	32.85 0.99 0.00	33.33 1.03 0.00	33.13 1.09 0.00	33.27 1.03 0.00	31.33 0.94 0.00	31.09 0.93 0.00	33.93 1.08 0.00	38.22 1.07 -0.22	41.62 1.24 -0.42	45.14 1.30 -0.60	47.49 1.37 -0.63	49.80 1.39 -0.36	57.40 1.56 0.00	66.68 1.88 0.00	74.08 1.95 0.00	74.86 2.11 0.00	66.38 1.43 0.00	58.05 1.25 0.00	49.93 1.27 0.00	45.49 1.24 0.00
FORT ORANGE___ 23900	40.34 0.12 0.00	35.79 0.35 0.00	33.61 0.37 0.00	31.35 0.40 0.00	32.31 0.45 0.00	32.74 0.45 0.00	32.46 0.42 0.00	32.47 0.23 0.00	30.42 0.03 0.00	30.06 -0.09 0.00	32.75 -0.10 0.00	36.41 -0.30 0.23	39.10 -0.44 0.42	41.77 -0.86 0.61	44.00 -0.87 0.63	46.64 -0.91 0.49	54.27 -1.00 0.57	62.96 -0.77 1.07	71.48 -0.65 0.00	72.31 -0.43 0.01	64.30 -0.65 0.00	56.28 -0.51 0.00	48.09 -0.39 0.19	43.94 -0.31 0.00
FORT_DRUM_COGEN 23780	41.62 1.41 0.00	36.18 0.74 0.00	33.77 0.53 0.00	31.32 0.37 0.00	32.24 0.38 0.00	32.78 0.48 0.00	32.53 0.48 0.00	32.60 0.35 0.00	30.72 0.33 0.00	30.21 0.06 0.00	32.81 -0.03 0.00	37.11 0.18 0.00	39.92 -0.04 0.00	43.55 0.30 0.00	45.82 0.32 0.00	48.86 0.82 0.00	56.90 1.06 0.00	66.23 1.43 0.00	75.09 2.96 0.00	76.61 3.86 0.00	69.13 4.09 -0.08	61.99 3.64 -1.56	54.49 2.68 -3.15	49.97 1.73 -4.00
FOX_HILLS___ESR 323835	41.95 1.73 0.00	36.96 1.52 0.00	34.60 1.36 0.00	32.22 1.27 0.00	33.10 1.24 0.00	33.49 1.19 0.00	33.17 1.12 0.00	33.14 0.90 0.00	31.15 0.76 0.00	31.21 1.06 0.00	34.09 1.25 0.00	38.50 1.29 -0.28	41.96 1.48 -0.52	45.51 1.51 -0.75	47.79 1.50 -0.78	49.46 0.96 -0.46	56.67 0.84 0.00	65.84 1.04 0.00	73.00 0.87 0.00	73.77 1.02 0.00	65.47 0.52 0.00	57.08 0.28 0.00	49.83 1.17 0.00	46.02 1.77 0.00
FPL_FAR_ROCK_GT1 24212	42.51 2.29 0.00	37.32 1.88 0.00	34.77 1.53 0.00	32.28 1.33 0.00	33.14 1.28 0.00	33.55 1.26 0.00	33.17 1.12 0.00	33.44 1.19 0.00	31.66 1.28 0.00	31.78 1.63 0.00	35.18 2.33 0.00	39.76 2.55 -0.29	43.29 2.80 -0.53	45.90 1.90 -0.75	47.65 1.36 -0.78	50.22 1.73 -0.45	57.62 1.79 0.01	66.67 1.88 0.01	73.86 1.73 0.01	73.90 1.74 0.60	64.52 1.17 1.60	56.90 0.96 0.87	49.47 0.97 0.17	45.13 0.88 0.00
FPL_FAR_ROCK_GT2 23815	42.51 2.29 0.00	37.32 1.88 0.00	34.77 1.53 0.00	32.28 1.33 0.00	33.14 1.28 0.00	33.55 1.26 0.00	33.17 1.12 0.00	33.44 1.19 0.00	31.66 1.28 0.00	31.78 1.63 0.00	35.18 2.33 0.00	39.76 2.55 -0.29	43.29 2.80 -0.53	45.90 1.90 -0.75	47.65 1.36 -0.78	50.22 1.73 -0.45	57.62 1.79 0.01	66.67 1.88 0.01	73.86 1.73 0.01	73.90 1.74 0.60	64.52 1.17 1.60	56.90 0.96 0.87	49.47 0.97 0.17	45.13 0.88 0.00
FRANKLIN_FALL_HYD 24054	41.79 1.57 0.00	36.78 1.35 0.00	34.44 1.20 0.00	32.00 1.05 0.00	32.91 1.05 0.00	33.36 1.07 0.00	33.20 1.15 0.00	33.34 1.10 0.00	31.48 1.09 0.00	31.33 1.18 0.00	34.22 1.38 0.00	38.41 1.48 0.00	41.48 1.52 0.00	44.93 1.69 0.00	47.05 1.55 0.00	49.73 1.68 0.00	57.73 1.90 0.00	67.00 2.20 0.00	74.37 2.24 0.00	75.15 2.40 0.00	67.67 2.60 -0.11	61.37 2.44 -2.13	54.87 1.90 -4.31	51.40 1.68 -5.47

FREEPORT_EQUS_GT1 23764	42.19 1.97 0.00	37.03 1.60 0.00	34.50 1.26 0.00	32.03 1.08 0.00	32.88 1.02 0.00	33.29 1.00 0.00	32.91 0.87 0.00	33.18 0.94 0.00	31.45 1.06 0.00	31.54 1.39 0.00	34.95 2.10 0.00	39.51 2.29 -0.29	42.93 2.44 -0.53	45.38 1.38 -0.75	47.01 0.73 -0.78	49.45 0.96 -0.45	56.72 0.89 0.01	65.63 0.84 0.01	72.70 0.57 0.01	70.25 0.65 3.16	56.47 0.26 8.74	52.26 0.17 4.71	48.10 0.34 0.90	44.60 0.35 0.00
FREEPORT___CT2 23818	42.19 1.97 0.00	37.03 1.60 0.00	34.50 1.26 0.00	32.03 1.08 0.00	32.88 1.02 0.00	33.29 1.00 0.00	32.91 0.87 0.00	33.18 0.94 0.00	31.45 1.06 0.00	31.54 1.39 0.00	34.95 2.10 0.00	39.51 2.29 -0.29	42.93 2.44 -0.53	45.38 1.38 -0.75	47.01 0.73 -0.78	49.45 0.96 -0.45	56.72 0.89 0.01	65.63 0.84 0.01	72.70 0.57 0.01	70.25 0.65 3.16	56.47 0.26 8.74	52.26 0.17 4.71	48.10 0.34 0.90	44.60 0.35 0.00
FRESHKLS_33_KV_LOAD 356253	42.07 1.85 0.00	37.07 1.63 0.00	34.70 1.46 0.00	32.31 1.36 0.00	33.20 1.34 0.00	33.58 1.29 0.00	33.23 1.19 0.00	33.21 0.97 0.00	31.18 0.79 0.00	31.24 1.09 0.00	34.13 1.28 0.00	38.58 1.37 -0.28	42.04 1.56 -0.52	45.60 1.60 -0.75	47.88 1.59 -0.78	49.56 1.06 -0.46	56.67 0.84 0.00	65.97 1.17 0.00	73.15 1.01 0.00	73.92 1.16 0.00	65.60 0.65 0.00	57.14 0.34 0.00	49.98 1.31 0.00	46.24 1.99 0.00
FULTON COGEN____ 23766	39.61 -0.60 0.00	34.76 -0.67 0.00	32.61 -0.63 0.00	30.27 -0.68 0.00	31.16 -0.70 0.00	31.61 -0.68 0.00	31.37 -0.67 0.00	31.66 -0.58 0.00	29.90 -0.49 0.00	29.67 -0.48 0.00	32.29 -0.56 0.00	36.41 -0.52 0.00	39.48 -0.48 0.00	42.81 -0.43 0.00	45.09 -0.41 0.00	47.71 -0.34 0.00	55.44 -0.39 0.00	64.41 -0.39 0.00	71.85 -0.29 0.00	72.46 -0.29 0.00	64.69 -0.26 0.00	56.34 -0.45 0.00	48.27 -0.39 0.00	43.76 -0.49 0.00
FULTON___LFGE 323630	42.95 2.74 0.00	37.78 2.34 0.00	35.37 2.13 0.00	32.90 1.95 0.00	33.93 2.07 0.00	34.42 2.13 0.00	34.10 2.05 0.00	33.76 1.52 0.00	31.18 0.79 0.00	30.42 0.27 0.00	32.81 -0.03 0.00	36.52 -0.22 0.18	39.26 -0.36 0.34	42.49 -0.26 0.50	44.90 -0.09 0.52	47.94 0.19 0.30	56.89 1.06 0.00	67.20 2.40 0.00	76.61 4.47 0.00	78.43 5.68 0.00	70.21 5.26 0.00	61.23 4.43 0.00	52.26 3.60 0.00	47.34 3.10 0.00
G.F.CEMENT___DRP 24184	41.87 1.65 0.00	36.93 1.49 0.00	34.57 1.33 0.00	32.19 1.24 0.00	33.20 1.34 0.00	33.68 1.39 0.00	33.42 1.38 0.00	33.40 1.16 0.00	31.24 0.85 0.00	30.72 0.57 0.00	33.14 0.30 0.00	36.80 0.15 0.27	39.45 0.00 0.51	42.37 -0.13 0.74	44.92 0.18 0.77	47.84 0.24 0.45	56.51 0.67 0.00	66.23 1.43 0.00	75.24 3.10 0.00	76.17 3.42 0.00	68.01 3.05 0.00	59.47 2.67 0.00	50.76 2.09 0.00	46.06 1.81 0.00
GARDENVILLE___LBMP 24039	41.50 1.29 0.00	35.90 0.46 0.00	33.71 0.47 0.00	30.89 -0.06 0.00	31.61 -0.25 0.00	32.07 -0.23 0.00	32.14 0.10 0.00	33.21 0.97 0.00	32.09 1.70 0.00	32.05 1.90 0.00	34.78 1.94 0.00	40.03 3.10 0.00	43.84 3.88 0.00	47.90 4.63 -0.03	50.45 4.91 -0.03	53.36 5.28 -0.03	61.95 6.09 -0.03	71.09 6.29 -0.01	78.56 6.42 0.00	78.50 5.75 0.00	70.02 5.07 0.00	59.98 3.18 0.00	51.88 3.21 0.00	47.26 3.01 0.00
GARDNVLA_35_KV_LD 355827	41.83 1.61 0.00	36.15 0.71 0.00	33.94 0.70 0.00	31.11 0.15 0.00	31.83 -0.03 0.00	32.26 -0.03 0.00	32.33 0.29 0.00	33.47 1.23 0.00	32.36 1.98 0.00	32.32 2.17 0.00	35.11 2.27 0.00	40.44 3.51 0.00	44.31 4.36 0.00	48.38 5.10 -0.03	50.95 5.41 -0.03	53.84 5.77 -0.03	62.57 6.70 -0.03	71.94 7.13 -0.01	79.35 7.21 0.00	79.30 6.55 0.00	70.73 5.78 0.00	60.55 3.75 0.00	52.36 3.70 0.00	47.65 3.41 0.00
GELCKHM___115KV_LOAD 80723	39.77 -0.44 0.00	34.94 -0.50 0.00	32.74 -0.50 0.00	30.43 -0.53 0.00	31.29 -0.57 0.00	31.74 -0.55 0.00	31.50 -0.54 0.00	31.82 -0.42 0.00	30.08 -0.30 0.00	29.85 -0.30 0.00	32.48 -0.36 0.00	36.63 -0.30 0.00	39.72 -0.24 0.00	43.11 -0.13 0.00	45.46 -0.05 0.00	48.04 0.00 0.00	55.89 0.06 0.00	64.93 0.13 0.00	72.35 0.22 0.00	72.97 0.22 0.00	65.08 0.13 0.00	56.63 -0.17 0.00	48.52 -0.15 0.00	43.98 -0.27 0.00
GENERAL___MILLS 23808	41.71 1.49 0.00	36.08 0.64 0.00	33.84 0.60 0.00	31.04 0.09 0.00	31.76 -0.10 0.00	32.20 -0.10 0.00	32.27 0.22 0.00	33.37 1.13 0.00	32.27 1.88 0.00	32.23 2.08 0.00	34.98 2.13 0.00	40.29 3.36 0.00	44.12 4.16 0.00	48.16 4.89 -0.03	50.77 5.23 -0.03	53.65 5.57 -0.03	62.35 6.48 -0.03	71.61 6.80 -0.01	79.06 6.92 0.00	79.01 6.26 0.00	70.48 5.52 0.00	60.32 3.52 0.00	52.22 3.55 0.00	47.52 3.27 0.00
GE_PLASTICS___DRP 24183	40.26 0.04 0.00	35.69 0.25 0.00	33.54 0.30 0.00	31.29 0.34 0.00	32.24 0.38 0.00	32.65 0.36 0.00	32.40 0.35 0.00	32.44 0.19 0.00	30.45 0.06 0.00	30.12 -0.03 0.00	32.81 -0.03 0.00	36.57 -0.18 0.18	39.35 -0.28 0.33	41.77 -0.99 0.48	44.05 -0.96 0.50	44.49 -1.11 2.45	44.44 -1.34 10.06	44.44 -1.36 19.00	70.63 -1.44 0.06	71.23 -1.38 0.14	63.53 -1.43 0.00	55.60 -1.14 0.06	44.49 -0.88 3.30	43.58 -0.66 0.00
GILBOA___1 23756	40.54 0.32 0.00	35.79 0.35 0.00	33.67 0.43 0.00	31.51 0.56 0.00	32.56 0.70 0.00	32.97 0.68 0.00	32.62 0.58 0.00	32.69 0.45 0.00	30.63 0.24 0.00	30.36 0.21 0.00	33.11 0.26 0.00	37.11 0.19 0.00	40.16 0.20 0.00	43.33 0.09 0.00	45.59 0.09 0.00	48.09 0.05 0.00	55.84 0.00 0.00	64.67 -0.13 0.00	71.99 -0.14 0.00	72.75 0.00 0.00	64.89 -0.06 0.00	56.80 0.00 0.00	48.71 0.05 0.00	44.38 0.13 0.00
GILBOA___2 23757	40.54 0.32 0.00	35.79 0.35 0.00	33.67 0.43 0.00	31.51 0.56 0.00	32.56 0.70 0.00	32.97 0.68 0.00	32.62 0.58 0.00	32.69 0.45 0.00	30.63 0.24 0.00	30.36 0.21 0.00	33.11 0.26 0.00	37.11 0.19 0.00	40.16 0.20 0.00	43.33 0.09 0.00	45.59 0.09 0.00	48.09 0.05 0.00	55.84 0.00 0.00	64.67 -0.13 0.00	71.99 -0.14 0.00	72.75 0.00 0.00	64.89 -0.06 0.00	56.80 0.00 0.00	48.71 0.05 0.00	44.38 0.13 0.00
GILBOA___3 23758	40.54 0.32 0.00	35.79 0.35 0.00	33.67 0.43 0.00	31.51 0.56 0.00	32.56 0.70 0.00	32.97 0.68 0.00	32.62 0.58 0.00	32.69 0.45 0.00	30.63 0.24 0.00	30.36 0.21 0.00	33.11 0.26 0.00	37.11 0.19 0.00	40.16 0.20 0.00	43.33 0.09 0.00	45.59 0.09 0.00	48.09 0.05 0.00	55.84 0.00 0.00	64.67 -0.13 0.00	71.99 -0.14 0.00	72.75 0.00 0.00	64.89 -0.06 0.00	56.80 0.00 0.00	48.71 0.05 0.00	44.38 0.13 0.00
GILBOA___4 23759	40.54 0.32 0.00	35.79 0.35 0.00	33.67 0.43 0.00	31.51 0.56 0.00	32.56 0.70 0.00	32.97 0.68 0.00	32.62 0.58 0.00	32.69 0.45 0.00	30.63 0.24 0.00	30.36 0.21 0.00	33.11 0.26 0.00	37.11 0.19 0.00	40.16 0.20 0.00	43.33 0.09 0.00	45.59 0.09 0.00	48.09 0.05 0.00	55.84 0.00 0.00	64.67 -0.13 0.00	71.99 -0.14 0.00	72.75 0.00 0.00	64.89 -0.06 0.00	56.80 0.00 0.00	48.71 0.05 0.00	44.38 0.13 0.00

GILBOA____ 23599	40.54 0.32 0.00	35.79 0.35 0.00	33.71 0.47 0.00	31.51 0.56 0.00	32.56 0.70 0.00	32.97 0.68 0.00	32.62 0.58 0.00	32.69 0.45 0.00	30.63 0.24 0.00	30.36 0.21 0.00	33.11 0.26 0.00	37.11 0.18 0.00	40.16 0.20 0.00	43.37 0.13 0.00	45.64 0.14 0.00	48.09 0.05 0.00	55.84 0.00 0.00	64.67 -0.13 0.00	71.99 -0.14 0.00	72.75 0.00 0.00	64.76 -0.19 0.00	56.80 0.00 0.00	48.76 0.10 0.00	44.42 0.18 0.00
GINNA____ 23603	39.01 -1.21 0.00	34.09 -1.35 0.00	31.91 -1.33 0.00	29.59 -1.36 0.00	30.33 -1.53 0.00	30.71 -1.58 0.00	30.48 -1.57 0.00	31.15 -1.10 0.00	29.72 -0.67 0.00	29.58 -0.57 0.00	32.25 -0.59 0.00	36.67 -0.26 0.00	40.00 0.04 0.00	43.58 0.34 0.01	45.77 0.27 0.01	48.47 0.43 0.01	56.39 0.56 0.01	65.64 0.84 0.00	72.93 0.79 0.00	73.19 0.44 0.00	65.35 0.39 0.00	56.46 -0.34 0.00	48.37 -0.29 0.00	43.76 -0.49 0.00
GLEN PARK____ 23778	41.78 1.57 0.00	36.22 0.78 0.00	33.77 0.53 0.00	31.35 0.40 0.00	32.27 0.41 0.00	32.78 0.49 0.00	32.53 0.48 0.00	32.60 0.36 0.00	30.72 0.33 0.00	30.15 0.00 0.00	32.75 -0.10 0.00	37.00 0.07 0.00	39.80 -0.16 0.00	43.51 0.26 0.00	45.91 0.41 0.00	48.81 0.77 0.00	56.89 1.06 0.00	66.22 1.42 0.00	75.31 3.17 0.00	76.97 4.22 0.00	69.39 4.35 -0.08	62.19 3.92 -1.47	54.52 2.87 -2.98	49.89 1.86 -3.78
GLENDALE_27_KV_LOAD 356172	41.95 1.73 0.00	37.00 1.56 0.00	34.60 1.36 0.00	32.25 1.30 0.00	33.13 1.27 0.00	33.55 1.26 0.00	33.36 1.31 0.00	33.47 1.23 0.00	31.54 1.15 0.00	31.54 1.39 0.00	34.42 1.58 0.00	38.87 1.66 -0.28	42.28 1.80 -0.52	45.81 1.82 -0.75	48.06 1.77 -0.78	49.89 1.39 -0.46	57.06 1.23 0.00	65.97 1.17 0.00	73.07 0.94 0.00	73.92 1.16 0.00	65.60 0.65 0.00	57.37 0.57 0.00	49.98 1.31 0.00	45.88 1.64 0.00
GLENWOOD_IC_1_G5 23712	41.83 1.61 0.00	36.82 1.38 0.00	34.40 1.16 0.00	32.00 1.05 0.00	32.88 1.02 0.00	33.26 0.97 0.00	33.01 0.96 0.00	33.27 1.03 0.00	31.45 1.06 0.00	31.45 1.30 0.00	34.65 1.81 0.00	39.13 1.92 -0.28	42.60 2.12 -0.52	45.86 1.86 -0.75	47.83 1.55 -0.78	49.84 1.35 -0.45	56.73 0.89 0.00	65.64 0.84 0.00	72.71 0.58 0.01	71.52 0.65 1.89	59.85 0.13 5.23	54.54 0.57 2.82	48.85 0.73 0.54	45.49 1.24 0.00
GLENWOOD_IC_2_G1 23688	41.62 1.41 0.00	36.68 1.24 0.00	34.27 1.03 0.00	31.88 0.93 0.00	32.75 0.89 0.00	33.20 0.90 0.00	32.97 0.93 0.00	33.24 1.00 0.00	31.39 1.00 0.00	31.33 1.17 0.00	34.42 1.58 0.00	38.88 1.66 -0.29	42.33 1.84 -0.53	45.34 1.34 -0.75	47.33 1.05 -0.78	49.65 1.15 -0.46	56.89 1.06 0.00	65.77 0.97 0.00	72.93 0.79 0.00	73.68 0.94 0.02	65.58 0.52 -0.11	57.31 0.45 -0.06	49.31 0.63 -0.01	44.87 0.62 0.00
GLENWOOD_IC_3_G1 23689	41.62 1.41 0.00	36.68 1.24 0.00	34.27 1.03 0.00	31.88 0.93 0.00	32.75 0.89 0.00	33.20 0.90 0.00	32.97 0.93 0.00	33.24 1.00 0.00	31.39 1.00 0.00	31.33 1.17 0.00	34.42 1.58 0.00	38.88 1.66 -0.29	42.33 1.84 -0.53	45.34 1.34 -0.75	47.33 1.05 -0.78	49.65 1.15 -0.46	56.89 1.06 0.00	65.77 0.97 0.00	72.93 0.79 0.00	73.68 0.94 0.02	65.58 0.52 -0.11	57.31 0.45 -0.06	49.31 0.63 -0.01	44.87 0.62 0.00
GLENWOOD____4 23550	41.83 1.61 0.00	36.82 1.38 0.00	34.40 1.16 0.00	32.00 1.05 0.00	32.88 1.02 0.00	33.26 0.97 0.00	33.01 0.96 0.00	33.27 1.03 0.00	31.45 1.06 0.00	31.45 1.30 0.00	34.65 1.81 0.00	39.13 1.92 -0.28	42.60 2.12 -0.52	45.86 1.86 -0.75	47.83 1.55 -0.78	49.84 1.35 -0.45	56.89 1.06 0.00	65.83 1.04 0.00	72.92 0.79 0.01	71.74 0.87 1.89	60.05 0.32 5.23	54.54 0.57 2.82	48.85 0.73 0.54	45.49 1.24 0.00
GLENWOOD____5 23614	41.83 1.61 0.00	36.82 1.38 0.00	34.40 1.16 0.00	32.00 1.05 0.00	32.88 1.02 0.00	33.26 0.97 0.00	33.01 0.96 0.00	33.27 1.03 0.00	31.45 1.06 0.00	31.45 1.30 0.00	34.65 1.81 0.00	39.13 1.92 -0.28	42.60 2.12 -0.52	45.86 1.86 -0.75	47.83 1.55 -0.78	49.84 1.35 -0.45	56.89 1.06 0.00	65.83 1.04 0.00	72.92 0.79 0.01	71.74 0.87 1.89	60.05 0.32 5.23	54.54 0.57 2.82	48.85 0.73 0.54	45.49 1.24 0.00
GLOBAL GREEN_PORT_GT1 23814	43.47 3.26 0.00	38.06 2.62 0.00	35.37 2.13 0.00	32.78 1.83 0.00	33.61 1.75 0.00	33.97 1.68 0.00	33.42 1.38 0.00	33.76 1.52 0.00	32.15 1.76 0.00	32.41 2.26 0.00	36.20 3.35 0.00	40.99 3.77 -0.29	44.61 4.12 -0.53	46.90 2.90 -0.75	48.56 2.27 -0.78	51.57 3.08 -0.45	59.51 3.68 0.01	68.88 4.08 0.01	76.23 4.11 0.02	70.89 3.85 5.72	51.89 2.79 15.86	50.46 2.21 8.55	48.88 1.85 1.64	45.84 1.59 0.00
GLOBE____DSASP 323697	40.18 -0.04 0.00	34.80 -0.64 0.00	32.67 -0.57 0.00	29.99 -0.96 0.00	30.68 -1.18 0.00	31.07 -1.23 0.00	31.12 -0.93 0.00	32.63 0.39 0.00	31.54 1.15 0.00	31.09 0.93 0.00	33.70 0.85 0.00	38.74 1.81 0.00	42.44 2.48 0.00	46.09 2.81 -0.04	48.40 2.87 -0.04	51.06 2.98 -0.04	59.28 3.41 -0.03	68.31 3.50 -0.01	75.31 3.17 0.00	75.23 2.47 0.00	67.10 2.14 0.00	57.54 0.74 0.00	49.98 1.31 0.00	46.02 1.77 0.00
GOETHSLN____LBMP 323567	41.30 1.09 0.00	36.47 1.03 0.00	34.10 0.86 0.00	31.79 0.84 0.00	32.66 0.80 0.00	33.10 0.81 0.00	33.01 0.96 0.00	33.27 1.03 0.00	31.42 1.03 0.00	31.36 1.21 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.51 1.51 -0.75	47.70 1.41 -0.78	49.75 1.25 -0.46	56.84 1.01 0.00	65.51 0.71 0.00	72.57 0.43 0.00	73.41 0.65 0.00	65.15 0.19 0.00	57.02 0.23 0.00	49.49 0.83 0.00	45.18 0.93 0.00
GOLAH____69_KV_TB 1_2 80279	41.14 0.92 0.00	35.86 0.43 0.00	33.54 0.30 0.00	30.92 -0.03 0.00	31.76 -0.10 0.00	32.23 -0.06 0.00	32.04 0.00 0.00	32.76 0.52 0.00	31.30 0.91 0.00	31.15 1.00 0.00	33.83 0.99 0.00	38.55 1.62 0.00	42.08 2.12 0.00	45.79 2.46 -0.08	48.31 2.73 -0.08	51.01 2.88 -0.08	59.38 3.46 -0.08	69.03 4.21 -0.02	76.68 4.54 0.00	77.12 4.37 0.00	68.79 3.83 0.00	59.35 2.56 0.00	51.00 2.34 0.00	46.24 1.99 0.00
GOODYEAR_LAKE_HYD 323669	41.54 1.33 0.00	36.54 1.10 0.00	34.24 1.00 0.00	31.91 0.96 0.00	32.88 1.02 0.00	33.36 1.07 0.00	33.13 1.09 0.00	33.27 1.03 0.00	31.30 0.91 0.00	30.91 0.75 0.00	33.63 0.79 0.00	37.89 0.96 0.00	41.04 1.08 0.00	44.63 1.38 0.00	46.96 1.46 0.00	49.82 1.78 0.00	57.96 2.12 0.00	67.07 2.27 0.00	75.09 2.96 0.00	76.10 3.35 0.00	67.88 2.92 0.00	59.24 2.44 0.00	50.71 2.04 0.00	45.93 1.68 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	40.50 0.28 0.00	35.51 0.07 0.00	33.31 0.07 0.00	30.89 -0.06 0.00	31.80 -0.06 0.00	32.26 -0.03 0.00	32.11 0.06 0.00	32.44 0.19 0.00	30.72 0.33 0.00	30.48 0.33 0.00	33.17 0.33 0.00	37.56 0.63 0.00	40.80 0.84 0.00	44.46 1.21 -0.01	46.96 1.46 -0.01	49.68 1.63 -0.01	57.74 1.90 -0.01	66.36 1.56 0.00	73.87 1.73 0.00	74.57 1.82 0.00	66.45 1.49 0.00	57.76 0.97 0.00	49.54 0.88 0.00	45.00 0.75 0.00

GOUDEY___7 23579	40.50 0.28 0.00	35.51 0.07 0.00	33.31 0.07 0.00	30.89 -0.06 0.00	31.80 -0.06 0.00	32.26 -0.03 0.00	32.11 0.06 0.00	32.44 0.19 0.00	30.72 0.33 0.00	30.48 0.33 0.00	33.17 0.33 0.00	37.56 0.63 0.00	40.80 0.84 0.00	44.46 1.21 -0.01	46.96 1.46 -0.01	49.68 1.63 -0.01	57.74 1.90 -0.01	66.36 1.56 0.00	73.87 1.73 0.00	74.57 1.82 0.00	66.45 1.49 0.00	57.76 0.97 0.00	49.54 0.88 0.00	45.00 0.75 0.00
GOUDEY___8 23580	40.50 0.28 0.00	35.51 0.07 0.00	33.31 0.07 0.00	30.89 -0.06 0.00	31.80 -0.06 0.00	32.26 -0.03 0.00	32.11 0.06 0.00	32.44 0.19 0.00	30.72 0.33 0.00	30.48 0.33 0.00	33.17 0.33 0.00	37.56 0.63 0.00	40.80 0.84 0.00	44.46 1.21 -0.01	46.96 1.46 -0.01	49.68 1.63 -0.01	57.74 1.90 -0.01	66.36 1.56 0.00	73.87 1.73 0.00	74.57 1.82 0.00	66.45 1.49 0.00	57.76 0.97 0.00	49.54 0.88 0.00	45.00 0.75 0.00
GOWANUS_GT1_1 24077	41.95 1.73 0.00	36.96 1.52 0.00	34.60 1.36 0.00	32.22 1.27 0.00	33.10 1.24 0.00	33.49 1.19 0.00	33.20 1.15 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.60 1.60 -0.75	47.88 1.59 -0.78	49.60 1.11 -0.46	56.90 1.06 0.00	65.97 1.17 0.00	73.07 0.94 0.00	73.92 1.16 0.00	65.60 0.65 0.00	57.19 0.40 0.00	49.83 1.17 0.00	45.97 1.73 0.00
GOWANUS_GT1_2 24078	41.95 1.73 0.00	36.96 1.52 0.00	34.60 1.36 0.00	32.22 1.27 0.00	33.10 1.24 0.00	33.49 1.19 0.00	33.20 1.15 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.60 1.60 -0.75	47.88 1.59 -0.78	49.60 1.11 -0.46	56.90 1.06 0.00	65.97 1.17 0.00	73.07 0.94 0.00	73.92 1.16 0.00	65.60 0.65 0.00	57.19 0.40 0.00	49.83 1.17 0.00	45.97 1.73 0.00
GOWANUS_GT1_3 24079	41.95 1.73 0.00	36.96 1.52 0.00	34.60 1.36 0.00	32.22 1.27 0.00	33.10 1.24 0.00	33.49 1.19 0.00	33.20 1.15 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.60 1.60 -0.75	47.88 1.59 -0.78	49.60 1.11 -0.46	56.90 1.06 0.00	65.97 1.17 0.00	73.07 0.94 0.00	73.92 1.16 0.00	65.60 0.65 0.00	57.19 0.40 0.00	49.83 1.17 0.00	45.97 1.73 0.00
GOWANUS_GT1_4 24080	41.95 1.73 0.00	36.96 1.52 0.00	34.60 1.36 0.00	32.22 1.27 0.00	33.10 1.24 0.00	33.49 1.19 0.00	33.20 1.15 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.60 1.60 -0.75	47.88 1.59 -0.78	49.60 1.11 -0.46	56.90 1.06 0.00	65.97 1.17 0.00	73.07 0.94 0.00	73.92 1.16 0.00	65.60 0.65 0.00	57.19 0.40 0.00	49.83 1.17 0.00	45.97 1.73 0.00
GOWANUS_GT1_5 24084	41.95 1.73 0.00	36.96 1.52 0.00	34.60 1.36 0.00	32.22 1.27 0.00	33.10 1.24 0.00	33.49 1.19 0.00	33.20 1.15 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.60 1.60 -0.75	47.88 1.59 -0.78	49.60 1.11 -0.46	56.90 1.06 0.00	65.97 1.17 0.00	73.07 0.94 0.00	73.92 1.16 0.00	65.60 0.65 0.00	57.19 0.40 0.00	49.83 1.17 0.00	45.97 1.73 0.00
GOWANUS_GT1_6 24111	41.95 1.73 0.00	36.96 1.52 0.00	34.60 1.36 0.00	32.22 1.27 0.00	33.10 1.24 0.00	33.49 1.19 0.00	33.20 1.15 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.60 1.60 -0.75	47.88 1.59 -0.78	49.60 1.11 -0.46	56.90 1.06 0.00	65.97 1.17 0.00	73.07 0.94 0.00	73.92 1.16 0.00	65.60 0.65 0.00	57.19 0.40 0.00	49.83 1.17 0.00	45.97 1.73 0.00
GOWANUS_GT1_7 24112	41.95 1.73 0.00	36.96 1.52 0.00	34.60 1.36 0.00	32.22 1.27 0.00	33.10 1.24 0.00	33.49 1.19 0.00	33.20 1.15 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.60 1.60 -0.75	47.88 1.59 -0.78	49.60 1.11 -0.46	56.90 1.06 0.00	65.97 1.17 0.00	73.07 0.94 0.00	73.92 1.16 0.00	65.60 0.65 0.00	57.19 0.40 0.00	49.83 1.17 0.00	45.97 1.73 0.00
GOWANUS_GT1_8 24113	41.95 1.73 0.00	36.96 1.52 0.00	34.60 1.36 0.00	32.22 1.27 0.00	33.10 1.24 0.00	33.49 1.19 0.00	33.20 1.15 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.60 1.60 -0.75	47.88 1.59 -0.78	49.60 1.11 -0.46	56.90 1.06 0.00	65.97 1.17 0.00	73.07 0.94 0.00	73.92 1.16 0.00	65.60 0.65 0.00	57.19 0.40 0.00	49.83 1.17 0.00	45.97 1.73 0.00
GOWANUS_GT2_1 24114	41.95 1.73 -0.01	36.97 1.52 -0.01	34.58 1.33 -0.01	32.17 1.21 -0.01	33.08 1.21 -0.01	33.50 1.20 -0.01	33.20 1.15 0.00	33.21 0.97 0.00	31.24 0.85 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.47 1.47 -0.75	47.74 1.46 -0.78	49.61 1.11 -0.46	56.83 1.01 0.01	65.89 1.10 0.01	73.06 0.94 0.01	73.84 1.09 0.01	65.66 0.72 0.01	57.19 0.40 0.01	49.73 1.07 0.00	45.76 1.51 -0.01
GOWANUS_GT2_2 24115	41.95 1.73 -0.01	36.97 1.52 -0.01	34.58 1.33 -0.01	32.17 1.21 -0.01	33.08 1.21 -0.01	33.50 1.20 -0.01	33.20 1.15 0.00	33.21 0.97 0.00	31.24 0.85 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.47 1.47 -0.75	47.74 1.46 -0.78	49.61 1.11 -0.46	56.83 1.01 0.01	65.89 1.10 0.01	73.06 0.94 0.01	73.84 1.09 0.01	65.66 0.72 0.01	57.19 0.40 0.01	49.73 1.07 0.00	45.76 1.51 -0.01
GOWANUS_GT2_3 24116	41.95 1.73 -0.01	36.97 1.52 -0.01	34.58 1.33 -0.01	32.17 1.21 -0.01	33.08 1.21 -0.01	33.50 1.20 -0.01	33.20 1.15 0.00	33.21 0.97 0.00	31.24 0.85 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.47 1.47 -0.75	47.74 1.46 -0.78	49.61 1.11 -0.46	56.83 1.01 0.01	65.89 1.10 0.01	73.06 0.94 0.01	73.84 1.09 0.01	65.66 0.72 0.01	57.19 0.40 0.01	49.73 1.07 0.00	45.76 1.51 -0.01
GOWANUS_GT2_4 24117	41.95 1.73 -0.01	36.97 1.52 -0.01	34.58 1.33 -0.01	32.17 1.21 -0.01	33.08 1.21 -0.01	33.50 1.20 -0.01	33.20 1.15 0.00	33.21 0.97 0.00	31.24 0.85 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.47 1.47 -0.75	47.74 1.46 -0.78	49.61 1.11 -0.46	56.83 1.01 0.01	65.89 1.10 0.01	73.06 0.94 0.01	73.84 1.09 0.01	65.66 0.72 0.01	57.19 0.40 0.01	49.73 1.07 0.00	45.76 1.51 -0.01
GOWANUS_GT2_5 24118	41.95 1.73 -0.01	36.97 1.52 -0.01	34.58 1.33 -0.01	32.17 1.21 -0.01	33.08 1.21 -0.01	33.50 1.20 -0.01	33.20 1.15 0.00	33.21 0.97 0.00	31.24 0.85 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.47 1.47 -0.75	47.74 1.46 -0.78	49.61 1.11 -0.46	56.83 1.01 0.01	65.89 1.10 0.01	73.06 0.94 0.01	73.84 1.09 0.01	65.66 0.72 0.01	57.19 0.40 0.01	49.73 1.07 0.00	45.76 1.51 -0.01

GOWANUS_GT2_6 24119	41.95 1.73 -0.01	36.97 1.52 -0.01	34.58 1.33 -0.01	32.17 1.21 -0.01	33.08 1.21 -0.01	33.50 1.20 -0.01	33.20 1.15 0.00	33.21 0.97 0.00	31.24 0.85 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.47 1.47 -0.75	47.74 1.46 -0.78	49.61 1.11 -0.46	56.83 1.01 0.01	65.89 1.10 0.01	73.06 0.94 0.01	73.84 1.09 0.01	65.66 0.72 0.01	57.19 0.40 0.01	49.73 1.07 0.00	45.76 1.51 -0.01
GOWANUS_GT2_7 24120	41.95 1.73 -0.01	36.97 1.52 -0.01	34.58 1.33 -0.01	32.17 1.21 -0.01	33.08 1.21 -0.01	33.50 1.20 -0.01	33.20 1.15 0.00	33.21 0.97 0.00	31.24 0.85 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.47 1.47 -0.75	47.74 1.46 -0.78	49.61 1.11 -0.46	56.83 1.01 0.01	65.89 1.10 0.01	73.06 0.94 0.01	73.84 1.09 0.01	65.66 0.72 0.01	57.19 0.40 0.01	49.73 1.07 0.00	45.76 1.51 -0.01
GOWANUS_GT2_8 24121	41.95 1.73 -0.01	36.97 1.52 -0.01	34.58 1.33 -0.01	32.17 1.21 -0.01	33.08 1.21 -0.01	33.50 1.20 -0.01	33.20 1.15 0.00	33.21 0.97 0.00	31.24 0.85 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.47 1.47 -0.75	47.74 1.46 -0.78	49.61 1.11 -0.46	56.83 1.01 0.01	65.89 1.10 0.01	73.06 0.94 0.01	73.84 1.09 0.01	65.66 0.72 0.01	57.19 0.40 0.01	49.73 1.07 0.00	45.76 1.51 -0.01
GOWANUS_GT3_1 24122	41.95 1.73 -0.01	36.97 1.52 -0.01	34.58 1.33 -0.01	32.17 1.21 -0.01	33.08 1.21 -0.01	33.50 1.20 -0.01	33.20 1.15 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.47 1.47 -0.75	47.79 1.50 -0.78	49.65 1.15 -0.46	56.89 1.06 0.01	65.89 1.10 0.01	73.06 0.94 0.01	73.90 1.16 0.01	65.66 0.72 0.01	57.19 0.40 0.01	49.73 1.07 0.00	45.76 1.51 -0.01
GOWANUS_GT3_2 24123	41.95 1.73 -0.01	36.97 1.52 -0.01	34.58 1.33 -0.01	32.17 1.21 -0.01	33.08 1.21 -0.01	33.50 1.20 -0.01	33.20 1.15 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.47 1.47 -0.75	47.79 1.50 -0.78	49.65 1.15 -0.46	56.89 1.06 0.01	65.89 1.10 0.01	73.06 0.94 0.01	73.90 1.16 0.01	65.66 0.72 0.01	57.19 0.40 0.01	49.73 1.07 0.00	45.76 1.51 -0.01
GOWANUS_GT3_3 24124	41.95 1.73 -0.01	36.97 1.52 -0.01	34.58 1.33 -0.01	32.17 1.21 -0.01	33.08 1.21 -0.01	33.50 1.20 -0.01	33.20 1.15 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.47 1.47 -0.75	47.79 1.50 -0.78	49.65 1.15 -0.46	56.89 1.06 0.01	65.89 1.10 0.01	73.06 0.94 0.01	73.90 1.16 0.01	65.66 0.72 0.01	57.19 0.40 0.01	49.73 1.07 0.00	45.76 1.51 -0.01
GOWANUS_GT3_4 24125	41.95 1.73 -0.01	36.97 1.52 -0.01	34.58 1.33 -0.01	32.17 1.21 -0.01	33.08 1.21 -0.01	33.50 1.20 -0.01	33.20 1.15 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.47 1.47 -0.75	47.79 1.50 -0.78	49.65 1.15 -0.46	56.89 1.06 0.01	65.89 1.10 0.01	73.06 0.94 0.01	73.90 1.16 0.01	65.66 0.72 0.01	57.19 0.40 0.01	49.73 1.07 0.00	45.76 1.51 -0.01
GOWANUS_GT3_5 24126	41.95 1.73 -0.01	36.97 1.52 -0.01	34.58 1.33 -0.01	32.17 1.21 -0.01	33.08 1.21 -0.01	33.50 1.20 -0.01	33.20 1.15 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.47 1.47 -0.75	47.79 1.50 -0.78	49.65 1.15 -0.46	56.89 1.06 0.01	65.89 1.10 0.01	73.06 0.94 0.01	73.90 1.16 0.01	65.66 0.72 0.01	57.19 0.40 0.01	49.73 1.07 0.00	45.76 1.51 -0.01
GOWANUS_GT3_6 24127	41.95 1.73 -0.01	36.97 1.52 -0.01	34.58 1.33 -0.01	32.17 1.21 -0.01	33.08 1.21 -0.01	33.50 1.20 -0.01	33.20 1.15 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.47 1.47 -0.75	47.79 1.50 -0.78	49.65 1.15 -0.46	56.89 1.06 0.01	65.89 1.10 0.01	73.06 0.94 0.01	73.90 1.16 0.01	65.66 0.72 0.01	57.19 0.40 0.01	49.73 1.07 0.00	45.76 1.51 -0.01
GOWANUS_GT3_7 24128	41.95 1.73 -0.01	36.97 1.52 -0.01	34.58 1.33 -0.01	32.17 1.21 -0.01	33.08 1.21 -0.01	33.50 1.20 -0.01	33.20 1.15 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.47 1.47 -0.75	47.79 1.50 -0.78	49.65 1.15 -0.46	56.89 1.06 0.01	65.89 1.10 0.01	73.06 0.94 0.01	73.90 1.16 0.01	65.66 0.72 0.01	57.19 0.40 0.01	49.73 1.07 0.00	45.76 1.51 -0.01
GOWANUS_GT3_8 24129	41.95 1.73 -0.01	36.97 1.52 -0.01	34.58 1.33 -0.01	32.17 1.21 -0.01	33.08 1.21 -0.01	33.50 1.20 -0.01	33.20 1.15 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.47 1.47 -0.75	47.79 1.50 -0.78	49.65 1.15 -0.46	56.89 1.06 0.01	65.89 1.10 0.01	73.06 0.94 0.01	73.90 1.16 0.01	65.66 0.72 0.01	57.19 0.40 0.01	49.73 1.07 0.00	45.76 1.51 -0.01
GOWANUS_GT4_1 24130	41.95 1.73 0.00	36.96 1.52 0.00	34.57 1.33 0.00	32.22 1.27 0.00	33.10 1.24 0.00	33.49 1.19 0.00	33.20 1.15 0.00	33.21 0.97 0.00	31.24 0.85 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.56 1.56 -0.75	47.83 1.55 -0.78	49.60 1.11 -0.46	56.90 1.06 0.00	65.90 1.10 0.00	73.07 0.94 0.00	73.92 1.16 0.00	65.60 0.65 0.00	57.19 0.40 0.00	49.83 1.17 0.00	45.93 1.68 0.00
GOWANUS_GT4_2 24131	41.95 1.73 0.00	36.96 1.52 0.00	34.57 1.33 0.00	32.22 1.27 0.00	33.10 1.24 0.00	33.49 1.19 0.00	33.20 1.15 0.00	33.21 0.97 0.00	31.24 0.85 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.56 1.56 -0.75	47.83 1.55 -0.78	49.60 1.11 -0.46	56.90 1.06 0.00	65.90 1.10 0.00	73.07 0.94 0.00	73.92 1.16 0.00	65.60 0.65 0.00	57.19 0.40 0.00	49.83 1.17 0.00	45.93 1.68 0.00
GOWANUS_GT4_3 24132	41.95 1.73 0.00	36.96 1.52 0.00	34.57 1.33 0.00	32.22 1.27 0.00	33.10 1.24 0.00	33.49 1.19 0.00	33.20 1.15 0.00	33.21 0.97 0.00	31.24 0.85 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.56 1.56 -0.75	47.83 1.55 -0.78	49.60 1.11 -0.46	56.90 1.06 0.00	65.90 1.10 0.00	73.07 0.94 0.00	73.92 1.16 0.00	65.60 0.65 0.00	57.19 0.40 0.00	49.83 1.17 0.00	45.93 1.68 0.00
GOWANUS_GT4_4 24133	41.95 1.73 0.00	36.96 1.52 0.00	34.57 1.33 0.00	32.22 1.27 0.00	33.10 1.24 0.00	33.49 1.19 0.00	33.20 1.15 0.00	33.21 0.97 0.00	31.24 0.85 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.56 1.56 -0.75	47.83 1.55 -0.78	49.60 1.11 -0.46	56.90 1.06 0.00	65.90 1.10 0.00	73.07 0.94 0.00	73.92 1.16 0.00	65.60 0.65 0.00	57.19 0.40 0.00	49.83 1.17 0.00	45.93 1.68 0.00

GOWANUS_GT4_5 24134	41.95 1.73 0.00	36.96 1.52 0.00	34.57 1.33 0.00	32.22 1.27 0.00	33.10 1.24 0.00	33.49 1.19 0.00	33.20 1.15 0.00	33.21 0.97 0.00	31.24 0.85 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.56 1.56 -0.75	47.83 1.55 -0.78	49.60 1.11 -0.46	56.90 1.06 0.00	65.90 1.10 0.00	73.07 0.94 0.00	73.92 1.16 0.00	65.60 0.65 0.00	57.19 0.40 0.00	49.83 1.17 0.00	45.93 1.68 0.00
GOWANUS_GT4_6 24135	41.95 1.73 0.00	36.96 1.52 0.00	34.57 1.33 0.00	32.22 1.27 0.00	33.10 1.24 0.00	33.49 1.19 0.00	33.20 1.15 0.00	33.21 0.97 0.00	31.24 0.85 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.56 1.56 -0.75	47.83 1.55 -0.78	49.60 1.11 -0.46	56.90 1.06 0.00	65.90 1.10 0.00	73.07 0.94 0.00	73.92 1.16 0.00	65.60 0.65 0.00	57.19 0.40 0.00	49.83 1.17 0.00	45.93 1.68 0.00
GOWANUS_GT4_7 24136	41.95 1.73 0.00	36.96 1.52 0.00	34.57 1.33 0.00	32.22 1.27 0.00	33.10 1.24 0.00	33.49 1.19 0.00	33.20 1.15 0.00	33.21 0.97 0.00	31.24 0.85 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.56 1.56 -0.75	47.83 1.55 -0.78	49.60 1.11 -0.46	56.90 1.06 0.00	65.90 1.10 0.00	73.07 0.94 0.00	73.92 1.16 0.00	65.60 0.65 0.00	57.19 0.40 0.00	49.83 1.17 0.00	45.93 1.68 0.00
GOWANUS_GT4_8 24137	41.95 1.73 0.00	36.96 1.52 0.00	34.57 1.33 0.00	32.22 1.27 0.00	33.10 1.24 0.00	33.49 1.19 0.00	33.20 1.15 0.00	33.21 0.97 0.00	31.24 0.85 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.56 1.56 -0.75	47.83 1.55 -0.78	49.60 1.11 -0.46	56.90 1.06 0.00	65.90 1.10 0.00	73.07 0.94 0.00	73.92 1.16 0.00	65.60 0.65 0.00	57.19 0.40 0.00	49.83 1.17 0.00	45.93 1.68 0.00
GREATVR_69_KV_BK1 356245	42.71 2.49 0.00	37.46 2.02 0.00	34.87 1.63 0.00	32.37 1.42 0.00	33.17 1.31 0.00	33.52 1.23 0.00	33.07 1.03 0.00	33.34 1.10 0.00	31.63 1.25 0.00	31.81 1.66 0.00	35.37 2.53 0.00	40.02 2.81 -0.28	43.52 3.04 -0.52	46.29 2.29 -0.75	47.97 1.68 -0.78	49.79 1.30 -0.45	57.17 1.34 0.01	66.35 1.56 0.01	73.20 1.08 0.01	68.38 1.16 5.54	50.12 0.52 15.35	48.98 0.45 8.28	47.66 0.58 1.59	46.06 1.81 0.00
GREENBSH_115KV_TB3 55895	40.06 -0.16 0.00	35.58 0.14 0.00	33.44 0.20 0.00	31.23 0.28 0.00	32.18 0.32 0.00	32.58 0.29 0.00	32.30 0.26 0.00	32.34 0.10 0.00	30.36 -0.03 0.00	30.00 -0.15 0.00	32.68 -0.16 0.24	36.32 -0.37 0.45	38.99 -0.52 0.65	41.64 -0.91 0.67	43.92 -0.91 0.39	46.59 -1.06 0.00	54.61 -1.23 0.00	63.63 -1.17 0.00	71.05 -1.08 0.00	71.66 -1.09 0.00	63.78 -1.17 0.00	55.89 -0.91 0.00	47.93 -0.73 0.00	43.67 -0.58 0.00
GREENDGE_115KV_TB5 80291	40.98 0.76 0.00	35.76 0.32 0.00	33.47 0.23 0.00	30.92 -0.03 0.00	31.80 -0.06 0.00	32.29 0.00 0.00	32.21 0.16 0.00	32.69 0.45 0.00	31.06 0.67 0.00	30.79 0.63 0.00	33.47 0.62 0.00	38.07 1.14 0.00	41.48 1.52 0.00	45.33 2.08 -0.01	47.92 2.41 -0.01	50.40 2.35 -0.01	58.69 2.85 -0.01	67.85 3.05 0.00	75.74 3.61 0.00	76.53 3.78 0.00	68.20 3.25 0.00	58.90 2.10 0.00	50.46 1.80 0.00	45.97 1.73 0.00
GREENIDGE___3 23582	40.98 0.76 0.00	35.76 0.32 0.00	33.47 0.23 0.00	30.92 -0.03 0.00	31.80 -0.06 0.00	32.29 0.00 0.00	32.21 0.16 0.00	32.69 0.45 0.00	31.06 0.67 0.00	30.79 0.63 0.00	33.47 0.62 0.00	38.07 1.14 0.00	41.48 1.52 0.00	45.33 2.08 -0.01	47.92 2.41 -0.01	50.40 2.35 -0.01	58.69 2.85 -0.01	67.85 3.05 0.00	75.74 3.61 0.00	76.53 3.78 0.00	68.20 3.25 0.00	58.90 2.10 0.00	50.46 1.80 0.00	45.97 1.73 0.00
GREENIDGE___4 23583	40.98 0.76 0.00	35.76 0.32 0.00	33.50 0.26 0.00	31.04 0.09 0.00	31.83 -0.03 0.00	32.29 0.00 0.00	32.21 0.16 0.00	32.69 0.45 0.00	31.06 0.67 0.00	30.79 0.63 0.00	33.47 0.62 0.00	38.08 1.15 0.00	41.48 1.52 0.00	45.33 2.08 -0.01	48.06 2.55 -0.01	50.45 2.40 -0.01	58.69 2.85 -0.01	67.85 3.05 0.00	75.74 3.61 0.00	76.60 3.85 0.00	68.33 3.38 0.00	58.90 2.10 0.00	50.51 1.85 0.00	46.02 1.77 0.00
GREENLWN_69_KV_BK 3 55738	41.58 1.37 0.00	36.50 1.06 0.00	34.00 0.76 0.00	31.60 0.65 0.00	32.43 0.57 0.00	32.78 0.48 0.00	32.40 0.35 0.00	32.66 0.42 0.00	30.96 0.58 0.00	31.09 0.93 0.00	34.45 1.61 0.00	38.94 1.74 -0.28	42.40 1.92 -0.52	44.99 0.99 -0.75	46.47 0.18 -0.78	48.20 -0.29 -0.45	55.27 -0.56 0.01	64.08 -0.71 0.01	70.82 -1.30 0.02	65.93 -1.24 5.58	47.85 -1.62 15.48	47.09 -1.36 8.35	46.14 -0.92 1.60	44.82 0.58 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	41.95 1.73 0.00	36.96 1.52 0.00	34.60 1.36 0.00	32.22 1.27 0.00	33.10 1.24 0.00	33.49 1.19 0.00	33.20 1.15 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.60 1.60 -0.75	47.88 1.59 -0.78	49.60 1.11 -0.46	56.90 1.06 0.00	65.97 1.17 0.00	73.07 0.94 0.00	73.92 1.16 0.00	65.60 0.65 0.00	57.19 0.40 0.00	49.83 1.17 0.00	45.97 1.73 0.00
GRISSOM___SOLAR 323813	42.71 2.49 0.00	37.56 2.13 0.00	35.17 1.93 0.00	32.71 1.76 0.00	33.74 1.88 0.00	34.26 1.97 0.00	33.94 1.89 0.00	33.63 1.39 0.00	31.06 0.67 0.00	30.24 0.09 0.00	32.58 -0.26 0.00	36.22 -0.52 0.19	38.93 -0.68 0.35	42.09 -0.65 0.51	44.48 -0.50 0.53	47.50 -0.24 0.31	56.45 0.62 0.00	66.74 1.94 0.00	76.10 3.96 0.00	77.84 5.09 0.00	69.63 4.68 0.00	60.77 3.97 0.00	51.87 3.21 0.00	47.04 2.79 0.00
GROVEVILLE___HYD 323602	41.42 1.21 0.00	36.61 1.17 0.00	34.24 1.00 0.00	31.94 0.99 0.00	32.85 0.99 0.00	33.33 1.03 0.00	33.13 1.09 0.00	33.27 1.03 0.00	31.33 0.94 0.00	31.09 0.93 0.00	33.93 1.08 0.00	38.22 1.07 -0.22	41.62 1.24 -0.42	45.14 1.30 -0.60	47.49 1.37 -0.63	49.80 1.39 -0.36	57.40 1.56 0.00	66.68 1.88 0.00	74.08 1.95 0.00	74.86 2.11 0.00	66.38 1.43 0.00	58.05 1.25 0.00	49.93 1.27 0.00	45.49 1.24 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	40.06 -0.16 0.00	35.15 -0.28 0.00	32.97 -0.27 0.00	30.58 -0.37 0.00	31.48 -0.38 0.00	31.94 -0.36 0.00	31.72 -0.32 0.00	32.02 -0.23 0.00	30.27 -0.12 0.00	30.03 -0.12 0.00	32.68 -0.16 0.00	36.89 -0.04 0.00	40.00 0.04 0.00	43.42 0.17 0.00	45.78 0.27 0.00	48.43 0.38 0.00	56.34 0.50 0.00	65.45 0.65 0.00	72.93 0.79 0.00	73.55 0.80 0.00	65.60 0.65 0.00	57.14 0.34 0.00	48.91 0.24 0.00	44.29 0.04 0.00
HAMLTNNY_34_KV_TB 80303	40.30 0.08 0.00	35.33 -0.11 0.00	33.11 -0.13 0.00	30.70 -0.25 0.00	31.61 -0.25 0.00	32.07 -0.23 0.00	31.82 -0.22 0.00	32.18 -0.06 0.00	30.48 0.09 0.00	30.24 0.09 0.00	32.94 0.10 0.00	37.22 0.30 0.00	40.44 0.48 0.00	43.94 0.69 0.00	46.32 0.82 0.00	48.96 0.91 0.00	57.01 1.17 0.00	66.16 1.36 0.00	73.79 1.66 0.00	74.42 1.67 0.00	66.32 1.36 0.00	57.65 0.85 0.00	49.34 0.68 0.00	44.73 0.49 0.00

HAMPSHIRE___PAPER_HYD 323593	41.42 1.21 0.00	36.32 0.89 0.00	33.94 0.70 0.00	31.54 0.59 0.00	32.37 0.51 0.00	32.87 0.58 0.00	32.62 0.58 0.00	32.73 0.48 0.00	30.90 0.52 0.00	30.57 0.42 0.00	33.34 0.49 0.00	37.59 0.67 0.00	40.44 0.48 0.00	44.02 0.78 0.00	46.37 0.86 0.00	49.00 0.96 0.00	56.95 1.12 0.00	66.10 1.30 0.00	73.94 1.80 0.00	75.08 2.33 0.00	67.50 2.33 -0.21	63.24 2.50 -3.95	58.56 1.90 -8.00	55.86 1.46 -10.15
HARDSCRABBLE_WT_PWR 323673	39.82 -0.40 0.00	35.08 -0.35 0.00	32.88 -0.36 0.00	30.61 -0.34 0.00	31.54 -0.32 0.00	32.00 -0.29 0.00	31.72 -0.32 0.00	31.89 -0.35 0.00	30.05 -0.33 0.00	29.76 -0.39 0.00	32.38 -0.46 0.00	36.45 -0.48 0.00	39.40 -0.56 0.00	42.68 -0.56 0.00	44.96 -0.54 0.00	47.52 -0.53 0.00	55.28 -0.56 0.00	64.15 -0.65 0.00	71.63 -0.50 0.00	72.39 -0.36 0.00	64.70 -0.26 0.00	56.51 -0.28 0.00	48.37 -0.29 0.00	43.85 -0.40 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	41.22 1.01 0.00	36.43 0.99 0.00	34.07 0.83 0.00	31.79 0.84 0.00	32.69 0.83 0.00	33.13 0.84 0.00	32.97 0.93 0.00	33.18 0.94 0.00	31.24 0.85 0.00	31.06 0.90 0.00	33.90 1.05 0.00	38.24 1.07 -0.24	41.57 1.16 -0.46	45.11 1.21 -0.66	47.41 1.23 -0.68	49.64 1.20 -0.40	57.18 1.34 0.00	66.29 1.49 0.00	73.58 1.44 0.00	74.35 1.60 0.00	65.99 1.04 0.00	57.65 0.85 0.00	49.59 0.92 0.00	45.22 0.97 0.00
HARSNRAD_115KV_TB1 81005	41.26 1.05 0.00	35.72 0.28 0.00	33.54 0.30 0.00	30.77 -0.19 0.00	31.48 -0.38 0.00	31.91 -0.39 0.00	31.95 -0.10 0.00	32.92 0.68 0.00	31.82 1.43 0.00	31.84 1.69 0.00	34.45 1.61 0.00	39.55 2.62 0.00	43.08 3.12 0.00	46.88 3.59 -0.05	49.33 3.78 -0.05	52.08 3.99 -0.05	60.52 4.63 -0.05	69.67 4.86 -0.01	76.90 4.76 0.00	76.83 4.07 0.00	68.53 3.57 0.00	58.78 1.99 0.00	50.95 2.29 0.00	46.46 2.21 0.00
HARZA MOOSE___RIVER 24016	40.98 0.76 0.00	35.93 0.50 0.00	33.61 0.37 0.00	31.26 0.31 0.00	32.18 0.32 0.00	32.65 0.36 0.00	32.40 0.35 0.00	32.56 0.32 0.00	30.78 0.40 0.00	30.39 0.24 0.00	33.07 0.23 0.00	37.41 0.48 0.00	40.24 0.28 0.00	43.81 0.56 0.00	46.05 0.55 0.00	48.96 0.91 0.00	56.95 1.12 0.00	66.10 1.30 0.00	74.30 2.16 0.00	75.37 2.62 0.00	67.68 2.66 -0.06	60.22 2.33 -1.09	52.58 1.70 -2.21	48.16 1.11 -2.81
HDSNBRDG_115KV_BRDG_TB1 355580	39.82 -0.40 0.00	34.94 -0.50 0.00	32.77 -0.47 0.00	30.43 -0.53 0.00	31.32 -0.54 0.00	31.74 -0.55 0.00	31.53 -0.51 0.00	31.82 -0.42 0.00	30.08 -0.30 0.00	29.88 -0.27 0.00	32.52 -0.33 0.00	36.63 -0.30 0.00	39.72 -0.24 0.00	43.07 -0.17 0.00	45.41 -0.09 0.00	48.00 -0.05 0.00	55.89 0.06 0.00	64.86 0.06 0.00	72.28 0.14 0.00	72.90 0.15 0.00	65.02 0.06 0.00	56.63 -0.17 0.00	48.47 -0.19 0.00	43.94 -0.31 0.00
HELLGATE_13_KV_LD 55870	41.95 1.73 0.00	37.00 1.56 0.00	34.64 1.40 0.00	32.28 1.33 0.00	33.17 1.31 0.00	33.58 1.29 0.00	33.39 1.35 0.00	33.47 1.23 0.00	31.51 1.12 0.00	31.54 1.39 0.00	34.42 1.58 0.00	38.83 1.62 -0.28	42.24 1.76 -0.52	45.77 1.77 -0.75	48.01 1.73 -0.78	49.80 1.30 -0.46	56.95 1.12 0.00	65.84 1.04 0.00	72.93 0.79 0.00	73.77 1.02 0.00	65.47 0.52 0.00	57.31 0.51 0.00	49.93 1.27 0.00	45.88 1.64 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	41.95 1.73 0.00	37.00 1.56 0.00	34.64 1.40 0.00	32.28 1.33 0.00	33.17 1.31 0.00	33.58 1.29 0.00	33.39 1.35 0.00	33.47 1.23 0.00	31.51 1.12 0.00	31.54 1.39 0.00	34.42 1.58 0.00	38.83 1.62 -0.28	42.24 1.76 -0.52	45.77 1.77 -0.75	48.01 1.73 -0.78	49.80 1.30 -0.46	56.95 1.12 0.00	65.84 1.04 0.00	72.93 0.79 0.00	73.77 1.02 0.00	65.47 0.52 0.00	57.31 0.51 0.00	49.93 1.27 0.00	45.88 1.64 0.00
HEMPSTEAD____ 23647	41.83 1.61 0.00	36.75 1.31 0.00	34.24 1.00 0.00	31.82 0.87 0.00	32.69 0.83 0.00	33.10 0.81 0.00	32.78 0.74 0.00	33.01 0.77 0.00	31.27 0.88 0.00	31.33 1.17 0.00	34.62 1.77 0.00	39.14 1.92 -0.29	42.53 2.04 -0.53	45.08 1.08 -0.75	46.79 0.50 -0.78	49.17 0.67 -0.45	56.33 0.50 0.01	65.12 0.33 0.01	72.20 0.07 0.01	70.05 0.15 2.85	56.87 -0.19 7.89	52.43 -0.11 4.25	47.95 0.10 0.82	44.38 0.13 0.00
HICKLING___1 23621	40.82 0.60 0.00	35.62 0.18 0.00	33.34 0.10 0.00	30.80 -0.15 0.00	31.64 -0.22 0.00	32.16 -0.13 0.00	32.14 0.10 0.00	32.60 0.35 0.00	31.03 0.64 0.00	30.79 0.63 0.00	33.50 0.66 0.00	38.18 1.26 0.00	41.64 1.68 0.00	45.68 2.42 -0.01	48.33 2.82 -0.01	51.18 3.12 -0.01	59.42 3.57 -0.01	67.98 3.18 0.00	75.67 3.53 0.00	76.46 3.71 0.00	68.07 3.12 0.00	58.78 1.99 0.00	50.46 1.80 0.00	45.84 1.59 0.00
HICKLING___2 23622	40.82 0.60 0.00	35.62 0.18 0.00	33.34 0.10 0.00	30.80 -0.15 0.00	31.64 -0.22 0.00	32.16 -0.13 0.00	32.14 0.10 0.00	32.60 0.35 0.00	31.03 0.64 0.00	30.79 0.63 0.00	33.50 0.66 0.00	38.18 1.26 0.00	41.64 1.68 0.00	45.68 2.42 -0.01	48.33 2.82 -0.01	51.18 3.12 -0.01	59.42 3.57 -0.01	67.98 3.18 0.00	75.67 3.53 0.00	76.46 3.71 0.00	68.07 3.12 0.00	58.78 1.99 0.00	50.46 1.80 0.00	45.84 1.59 0.00
HIGH FALLS___HY 23754	41.42 1.21 0.00	36.54 1.10 0.00	34.17 0.93 0.00	31.88 0.93 0.00	32.75 0.89 0.00	33.23 0.94 0.00	33.07 1.03 0.00	33.24 1.00 0.00	31.33 0.94 0.00	31.12 0.96 0.00	33.96 1.12 0.00	38.22 1.14 -0.15	41.51 1.28 -0.27	45.24 1.60 -0.39	47.55 1.64 -0.41	49.87 1.73 -0.10	57.21 2.01 0.64	65.92 2.33 1.21	74.58 2.45 0.00	75.36 2.62 0.01	66.90 1.95 0.00	58.38 1.59 0.00	50.01 1.56 0.21	45.71 1.46 0.00
HIGH_RIVER___SOLAR 323847	41.62 1.41 0.00	36.68 1.24 0.00	34.40 1.16 0.00	32.03 1.08 0.00	33.01 1.15 0.00	33.49 1.20 0.00	33.23 1.19 0.00	33.08 0.84 0.00	30.75 0.37 0.00	30.15 0.00 0.00	32.58 -0.26 0.00	36.29 -0.44 0.20	39.02 -0.56 0.38	42.09 -0.61 0.54	44.39 -0.54 0.57	47.28 -0.43 0.33	55.84 0.00 0.00	65.64 0.84 0.00	74.15 2.02 0.00	75.52 2.76 0.00	67.48 2.53 0.00	58.95 2.16 0.00	50.41 1.75 0.00	45.80 1.55 0.00
HILLBURN___GT 23639	41.14 0.93 0.00	36.36 0.92 0.00	34.01 0.77 0.00	31.69 0.74 0.00	32.59 0.73 0.00	33.07 0.77 0.00	32.94 0.90 0.00	33.14 0.90 0.00	31.27 0.88 0.00	31.12 0.96 0.00	33.99 1.15 0.00	38.33 1.15 -0.25	41.67 1.24 -0.47	45.00 1.08 -0.68	47.25 1.05 -0.70	49.51 1.06 -0.41	56.89 1.06 0.00	65.83 1.03 0.00	73.00 0.87 0.00	73.84 1.09 0.00	65.60 0.65 0.00	57.31 0.51 0.00	49.29 0.63 0.00	44.91 0.66 0.00
HILLSIDE_115KV_TB1 80332	40.18 -0.04 0.00	35.12 -0.32 0.00	32.87 -0.37 0.00	30.43 -0.53 0.00	31.25 -0.61 0.00	31.74 -0.55 0.00	31.72 -0.32 0.00	32.11 -0.13 0.00	30.57 0.18 0.00	30.36 0.21 0.00	33.01 0.16 0.00	37.59 0.66 0.00	40.96 1.00 0.00	44.90 1.64 -0.01	47.51 2.00 -0.01	50.31 2.26 -0.01	58.36 2.51 -0.01	66.62 1.81 0.00	74.01 1.88 0.00	74.79 2.04 0.00	66.58 1.62 0.00	57.59 0.80 0.00	49.44 0.78 0.00	44.96 0.71 0.00

HISHELDN_WT_PWR 323625	41.18 0.96 0.00	35.62 0.18 0.00	33.47 0.23 0.00	30.95 0.00 0.00	31.51 -0.35 0.00	31.84 -0.45 0.00	31.89 -0.16 0.00	32.85 0.61 0.00	31.57 1.18 0.00	31.48 1.33 0.00	34.16 1.32 0.00	39.26 2.33 0.00	42.99 3.04 0.00	47.03 3.76 -0.03	49.63 4.10 -0.03	52.40 4.33 -0.03	60.83 4.97 -0.03	69.80 4.99 -0.01	77.33 5.20 0.00	77.63 4.87 0.00	69.57 4.61 0.00	59.47 2.67 0.00	51.49 2.82 0.00	46.81 2.57 0.00
HOLTSVILLE_IC_1 23690	42.07 1.85 0.00	36.89 1.45 0.00	34.34 1.10 0.00	31.85 0.90 0.00	32.72 0.86 0.00	33.07 0.77 0.00	32.65 0.61 0.00	32.89 0.64 0.00	31.21 0.82 0.00	31.36 1.21 0.00	34.81 1.97 0.00	39.36 2.14 -0.29	42.81 2.32 -0.53	44.73 0.73 -0.75	46.06 -0.23 -0.78	48.64 0.14 -0.45	55.83 0.00 0.01	64.47 -0.32 0.01	71.47 -0.65 0.02	66.59 -0.43 5.73	48.42 -0.65 15.88	47.56 -0.68 8.56	46.58 -0.44 1.64	43.94 -0.31 0.00
HOLTSVILLE_IC_10 23699	42.23 2.01 0.00	37.03 1.60 0.00	34.47 1.23 0.00	31.97 1.02 0.00	32.81 0.95 0.00	33.20 0.90 0.00	32.72 0.67 0.00	32.98 0.74 0.00	31.30 0.91 0.00	31.48 1.33 0.00	34.98 2.13 0.00	39.58 2.37 -0.29	43.05 2.56 -0.53	45.04 1.04 -0.75	46.38 0.09 -0.78	49.07 0.58 -0.45	56.33 0.50 0.01	65.05 0.26 0.01	72.05 -0.07 0.02	67.22 0.15 5.68	49.00 -0.19 15.76	48.02 -0.28 8.49	46.89 -0.15 1.63	44.16 -0.09 0.00
HOLTSVILLE_IC_2 23691	42.07 1.85 0.00	36.89 1.45 0.00	34.34 1.10 0.00	31.85 0.90 0.00	32.72 0.86 0.00	33.07 0.77 0.00	32.65 0.61 0.00	32.89 0.64 0.00	31.21 0.82 0.00	31.36 1.21 0.00	34.81 1.97 0.00	39.36 2.14 -0.29	42.81 2.32 -0.53	44.73 0.73 -0.75	46.06 -0.23 -0.78	48.64 0.14 -0.45	55.83 0.00 0.01	64.47 -0.32 0.01	71.47 -0.65 0.02	66.59 -0.43 5.73	48.42 -0.65 15.88	47.56 -0.68 8.56	46.58 -0.44 1.64	43.94 -0.31 0.00
HOLTSVILLE_IC_3 23692	42.07 1.85 0.00	36.89 1.45 0.00	34.34 1.10 0.00	31.85 0.90 0.00	32.72 0.86 0.00	33.07 0.77 0.00	32.65 0.61 0.00	32.89 0.64 0.00	31.21 0.82 0.00	31.36 1.21 0.00	34.81 1.97 0.00	39.36 2.14 -0.29	42.81 2.32 -0.53	44.73 0.73 -0.75	46.06 -0.23 -0.78	48.64 0.14 -0.45	55.83 0.00 0.01	64.47 -0.32 0.01	71.47 -0.65 0.02	66.59 -0.43 5.73	48.42 -0.65 15.88	47.56 -0.68 8.56	46.58 -0.44 1.64	43.94 -0.31 0.00
HOLTSVILLE_IC_4 23693	42.07 1.85 0.00	36.89 1.45 0.00	34.34 1.10 0.00	31.85 0.90 0.00	32.72 0.86 0.00	33.07 0.77 0.00	32.65 0.61 0.00	32.89 0.64 0.00	31.21 0.82 0.00	31.36 1.21 0.00	34.81 1.97 0.00	39.36 2.14 -0.29	42.81 2.32 -0.53	44.73 0.73 -0.75	46.06 -0.23 -0.78	48.64 0.14 -0.45	55.83 0.00 0.01	64.47 -0.32 0.01	71.47 -0.65 0.02	66.59 -0.43 5.73	48.42 -0.65 15.88	47.56 -0.68 8.56	46.58 -0.44 1.64	43.94 -0.31 0.00
HOLTSVILLE_IC_5 23694	42.07 1.85 0.00	36.89 1.45 0.00	34.34 1.10 0.00	31.85 0.90 0.00	32.72 0.86 0.00	33.07 0.77 0.00	32.65 0.61 0.00	32.89 0.64 0.00	31.21 0.82 0.00	31.36 1.21 0.00	34.81 1.97 0.00	39.36 2.14 -0.29	42.81 2.32 -0.53	44.73 0.73 -0.75	46.06 -0.23 -0.78	48.64 0.14 -0.45	55.83 0.00 0.01	64.47 -0.32 0.01	71.47 -0.65 0.02	66.59 -0.43 5.73	48.42 -0.65 15.88	47.56 -0.68 8.56	46.58 -0.44 1.64	43.94 -0.31 0.00
HOLTSVILLE_IC_6 23695	42.23 2.01 0.00	37.03 1.60 0.00	34.47 1.23 0.00	31.97 1.02 0.00	32.81 0.95 0.00	33.20 0.90 0.00	32.72 0.67 0.00	32.98 0.74 0.00	31.30 0.91 0.00	31.48 1.33 0.00	34.98 2.13 0.00	39.58 2.37 -0.29	43.05 2.56 -0.53	45.04 1.04 -0.75	46.38 0.09 -0.78	49.07 0.58 -0.45	56.33 0.50 0.01	65.05 0.26 0.01	72.05 -0.07 0.02	67.22 0.15 5.68	49.00 -0.19 15.76	48.02 -0.28 8.49	46.89 -0.15 1.63	44.16 -0.09 0.00
HOLTSVILLE_IC_7 23696	42.23 2.01 0.00	37.03 1.60 0.00	34.47 1.23 0.00	31.97 1.02 0.00	32.81 0.95 0.00	33.20 0.90 0.00	32.72 0.67 0.00	32.98 0.74 0.00	31.30 0.91 0.00	31.48 1.33 0.00	34.98 2.13 0.00	39.58 2.37 -0.29	43.05 2.56 -0.53	45.04 1.04 -0.75	46.38 0.09 -0.78	49.07 0.58 -0.45	56.33 0.50 0.01	65.05 0.26 0.01	72.05 -0.07 0.02	67.22 0.15 5.68	49.00 -0.19 15.76	48.02 -0.28 8.49	46.89 -0.15 1.63	44.16 -0.09 0.00
HOLTSVILLE_IC_8 23697	42.23 2.01 0.00	37.03 1.60 0.00	34.47 1.23 0.00	31.97 1.02 0.00	32.81 0.95 0.00	33.20 0.90 0.00	32.72 0.67 0.00	32.98 0.74 0.00	31.30 0.91 0.00	31.48 1.33 0.00	34.98 2.13 0.00	39.58 2.37 -0.29	43.05 2.56 -0.53	45.04 1.04 -0.75	46.38 0.09 -0.78	49.07 0.58 -0.45	56.33 0.50 0.01	65.05 0.26 0.01	72.05 -0.07 0.02	67.22 0.15 5.68	49.00 -0.19 15.76	48.02 -0.28 8.49	46.89 -0.15 1.63	44.16 -0.09 0.00
HOLTSVILLE_IC_9 23698	42.23 2.01 0.00	37.03 1.60 0.00	34.47 1.23 0.00	31.97 1.02 0.00	32.81 0.95 0.00	33.20 0.90 0.00	32.72 0.67 0.00	32.98 0.74 0.00	31.30 0.91 0.00	31.48 1.33 0.00	34.98 2.13 0.00	39.58 2.37 -0.29	43.05 2.56 -0.53	45.04 1.04 -0.75	46.38 0.09 -0.78	49.07 0.58 -0.45	56.33 0.50 0.01	65.05 0.26 0.01	72.05 -0.07 0.02	67.22 0.15 5.68	49.00 -0.19 15.76	48.02 -0.28 8.49	46.89 -0.15 1.63	44.16 -0.09 0.00
HOMER_HL_115KV_TB2 355744	39.41 -0.80 0.00	34.30 -1.13 0.00	32.04 -1.20 0.00	29.53 -1.42 0.00	30.27 -1.59 0.00	30.77 -1.52 0.00	30.96 -1.09 0.00	31.50 -0.74 0.00	30.30 -0.09 0.00	30.21 0.06 0.00	32.84 0.00 0.00	37.74 0.81 0.00	41.20 1.24 0.00	46.64 3.37 -0.02	50.26 4.73 -0.02	53.59 5.53 -0.02	61.28 5.42 -0.02	66.95 2.14 -0.01	74.08 1.95 0.00	74.72 1.96 0.00	66.38 1.43 0.00	57.08 0.28 0.00	49.05 0.39 0.00	44.73 0.49 0.00
HOWARD_WT_PWR 323690	41.14 0.93 0.00	35.72 0.28 0.00	33.54 0.30 0.00	31.01 0.06 0.00	31.70 -0.16 0.00	32.20 -0.10 0.00	32.21 0.16 0.00	32.85 0.61 0.00	31.33 0.94 0.00	31.12 0.96 0.00	33.83 0.98 0.00	38.70 1.77 0.00	42.32 2.36 0.00	46.50 3.24 -0.01	49.61 4.10 -0.01	52.29 4.23 -0.01	60.48 4.63 -0.01	69.15 4.34 0.00	77.11 4.97 0.00	78.06 5.31 0.00	69.83 4.87 0.00	59.81 3.01 0.00	51.49 2.82 0.00	46.64 2.39 0.00
HQ_GEN_CEDARS 23644	41.54 1.33 0.00	36.61 1.17 0.00	34.27 1.03 0.00	31.88 0.93 0.00	32.75 0.89 0.00	33.20 0.90 0.00	33.01 0.96 0.00	33.11 0.87 0.00	31.21 0.82 0.00	31.00 0.84 0.00	33.86 1.02 0.00	38.04 1.11 0.00	41.04 1.08 0.00	44.46 1.21 0.00	46.73 1.23 0.00	49.39 1.35 0.00	57.34 1.51 0.00	66.48 1.68 0.00	73.29 1.15 0.00	73.99 1.24 0.00	67.21 1.82 -0.44	66.69 1.76 -8.13	66.69 1.56 -16.47	66.65 1.50 -20.89
HQ_GEN_CEDARS_PROXY 323590	41.54 1.33 0.00	36.61 1.17 0.00	34.27 1.03 0.00	31.88 0.93 0.00	32.75 0.89 0.00	33.20 0.90 0.00	33.01 0.96 0.00	33.11 0.87 0.00	31.21 0.82 0.00	30.99 0.84 0.00	33.86 1.02 0.00	38.04 1.11 0.00	41.04 1.08 0.00	44.54 1.30 0.00	46.82 1.32 0.00	49.39 1.34 0.00	57.34 1.51 0.00	66.48 1.68 0.00	73.29 1.15 0.00	73.99 1.24 0.00	66.69 1.30 -0.44	66.69 1.76 -8.13	66.69 1.56 -16.47	66.69 1.55 -20.89

HQ_GEN_IMPORT 323601	40.58 0.36 0.00	35.76 0.32 0.00	33.50 0.26 0.00	31.20 0.25 0.00	32.11 0.25 0.00	32.55 0.26 0.00	32.30 0.26 0.00	32.50 0.26 0.00	30.60 0.21 0.00	30.39 0.24 0.00	33.14 0.29 0.00	37.26 0.33 0.00	40.28 0.32 0.00	43.63 0.39 0.00	45.87 0.36 0.00	48.43 0.38 0.00	56.23 0.39 0.00	65.26 0.46 0.00	72.50 0.36 0.00	73.04 0.29 0.00	65.27 0.33 0.01	57.04 0.51 0.27	48.50 0.39 0.55	44.00 0.44 0.69
HQ_GEN_WHEEL 23651	40.58 0.36 0.00	35.76 0.32 0.00	33.50 0.26 0.00	31.20 0.25 0.00	32.11 0.25 0.00	32.55 0.26 0.00	32.30 0.26 0.00	32.50 0.26 0.00	30.60 0.21 0.00	30.39 0.24 0.00	33.14 0.29 0.00	37.26 0.33 0.00	40.28 0.32 0.00	43.63 0.39 0.00	45.87 0.36 0.00	48.43 0.38 0.00	56.23 0.39 0.00	65.26 0.46 0.00	72.50 0.36 0.00	73.04 0.29 0.00	65.27 0.33 0.01	57.04 0.51 0.27	48.50 0.39 0.55	44.00 0.44 0.69
HUDSON AVE_GT_3 23810	41.58 1.37 0.00	36.71 1.28 0.00	34.34 1.10 0.00	32.00 1.05 0.00	32.88 1.02 0.00	33.33 1.03 0.00	33.20 1.15 0.00	33.50 1.26 0.00	31.60 1.22 0.00	31.51 1.36 0.00	34.39 1.54 0.00	38.83 1.62 -0.28	42.28 1.80 -0.52	45.77 1.77 -0.75	48.01 1.73 -0.78	50.08 1.59 -0.46	57.29 1.45 0.00	66.16 1.36 0.00	73.29 1.15 0.00	74.06 1.31 0.00	65.73 0.78 0.00	57.54 0.74 0.00	49.83 1.17 0.00	45.53 1.28 0.00
HUDSON AVE_GT_4 23540	41.58 1.37 0.00	36.71 1.28 0.00	34.34 1.10 0.00	32.00 1.05 0.00	32.88 1.02 0.00	33.33 1.03 0.00	33.20 1.15 0.00	33.50 1.26 0.00	31.60 1.22 0.00	31.51 1.36 0.00	34.39 1.54 0.00	38.83 1.62 -0.28	42.28 1.80 -0.52	45.77 1.77 -0.75	48.01 1.73 -0.78	50.08 1.59 -0.46	57.29 1.45 0.00	66.16 1.36 0.00	73.29 1.15 0.00	74.06 1.31 0.00	65.73 0.78 0.00	57.54 0.74 0.00	49.83 1.17 0.00	45.53 1.28 0.00
HUDSON AVE_GT_5 23657	41.58 1.37 0.00	36.71 1.28 0.00	34.34 1.10 0.00	32.00 1.05 0.00	32.88 1.02 0.00	33.33 1.03 0.00	33.20 1.15 0.00	33.50 1.26 0.00	31.60 1.22 0.00	31.51 1.36 0.00	34.39 1.54 0.00	38.83 1.62 -0.28	42.28 1.80 -0.52	45.77 1.77 -0.75	48.01 1.73 -0.78	50.08 1.59 -0.46	57.29 1.45 0.00	66.16 1.36 0.00	73.29 1.15 0.00	74.06 1.31 0.00	65.73 0.78 0.00	57.54 0.74 0.00	49.83 1.17 0.00	45.53 1.28 0.00
HUDSON_AVE_10 24168	41.50 1.29 0.00	36.61 1.17 0.00	34.24 1.00 0.00	31.91 0.96 0.00	32.78 0.92 0.00	33.23 0.94 0.00	33.17 1.12 0.00	33.43 1.19 0.00	31.54 1.15 0.00	31.48 1.33 0.00	34.29 1.45 0.00	38.72 1.51 -0.28	42.16 1.68 -0.52	45.64 1.64 -0.75	47.83 1.55 -0.78	49.89 1.39 -0.46	57.12 1.28 0.00	65.90 1.10 0.00	73.00 0.87 0.00	73.77 1.02 0.00	65.47 0.52 0.00	57.31 0.51 0.00	49.73 1.07 0.00	45.44 1.19 0.00
HUDSON___115KV_TB 4 355613	40.94 0.72 0.00	36.29 0.85 0.00	34.07 0.83 0.00	31.79 0.84 0.00	32.75 0.89 0.00	33.16 0.87 0.00	32.88 0.83 0.00	32.79 0.55 0.00	30.63 0.24 0.00	30.18 0.03 0.00	32.84 0.00 0.00	36.69 -0.07 0.17	39.49 -0.16 0.31	42.14 -0.65 0.45	44.58 -0.46 0.47	46.77 -0.48 0.79	53.07 -0.34 2.43	60.54 0.32 4.59	72.84 0.72 0.02	73.88 1.16 0.03	65.47 0.52 0.00	57.29 0.51 0.02	48.35 0.49 0.80	44.60 0.35 0.00
HUNTER MOUNT___DRP 323613	41.14 0.92 0.00	36.43 0.99 0.00	34.17 0.93 0.00	31.88 0.93 0.00	32.85 0.99 0.00	33.29 1.00 0.00	32.97 0.93 0.00	32.85 0.61 0.00	30.63 0.24 0.00	30.12 -0.03 0.00	32.75 -0.10 0.00	36.82 0.00 0.11	39.68 -0.08 0.20	42.34 -0.61 0.30	44.83 -0.36 0.31	46.77 -0.34 0.94	52.25 -0.06 3.53	58.84 0.71 6.68	73.20 1.08 0.02	74.45 1.75 0.05	65.73 0.78 0.00	57.57 0.80 0.02	48.28 0.78 1.16	44.73 0.49 0.00
HUNTINGTON_RES_REC 323705	41.87 1.65 0.00	36.75 1.31 0.00	34.17 0.93 0.00	31.73 0.77 0.00	32.56 0.70 0.00	32.94 0.65 0.00	32.53 0.48 0.00	32.79 0.55 0.00	31.09 0.70 0.00	31.27 1.12 0.00	34.72 1.87 0.00	39.28 2.07 -0.29	42.73 2.24 -0.53	44.65 0.65 -0.75	46.06 -0.23 -0.78	48.64 0.14 -0.45	55.88 0.06 0.01	64.47 -0.32 0.01	71.40 -0.72 0.02	66.58 -0.51 5.66	48.40 -0.85 15.71	47.48 -0.85 8.47	46.46 -0.58 1.62	43.81 -0.44 0.00
HUNTLEY___63 23557	41.42 1.21 0.00	35.83 0.39 0.00	33.67 0.43 0.00	30.86 -0.09 0.00	31.57 -0.29 0.00	32.00 -0.29 0.00	32.04 0.00 0.00	33.31 1.06 0.00	32.21 1.82 0.00	32.05 1.90 0.00	34.78 1.94 0.00	39.99 3.07 0.00	43.80 3.84 0.00	47.74 4.45 -0.04	50.23 4.69 -0.04	53.08 5.00 -0.04	61.63 5.75 -0.04	70.97 6.16 -0.01	78.27 6.13 0.00	78.14 5.38 0.00	69.70 4.74 0.00	59.69 2.90 0.00	51.68 3.02 0.00	47.21 2.96 0.00
HUNTLEY___64 23558	41.42 1.21 0.00	35.83 0.39 0.00	33.67 0.43 0.00	30.86 -0.09 0.00	31.57 -0.29 0.00	32.00 -0.29 0.00	32.04 0.00 0.00	33.31 1.06 0.00	32.21 1.82 0.00	32.05 1.90 0.00	34.78 1.94 0.00	39.99 3.07 0.00	43.80 3.84 0.00	47.74 4.45 -0.04	50.23 4.69 -0.04	53.08 5.00 -0.04	61.63 5.75 -0.04	70.97 6.16 -0.01	78.27 6.13 0.00	78.14 5.38 0.00	69.70 4.74 0.00	59.69 2.90 0.00	51.68 3.02 0.00	47.21 2.96 0.00
HUNTLEY___65 23559	41.42 1.21 0.00	35.83 0.39 0.00	33.67 0.43 0.00	30.86 -0.09 0.00	31.57 -0.29 0.00	32.00 -0.29 0.00	32.04 0.00 0.00	33.31 1.06 0.00	32.21 1.82 0.00	32.05 1.90 0.00	34.78 1.94 0.00	39.99 3.07 0.00	43.80 3.84 0.00	47.74 4.45 -0.04	50.23 4.69 -0.04	53.08 5.00 -0.04	61.63 5.75 -0.04	70.97 6.16 -0.01	78.27 6.13 0.00	78.14 5.38 0.00	69.70 4.74 0.00	59.69 2.90 0.00	51.68 3.02 0.00	47.21 2.96 0.00
HUNTLEY___66 23560	41.42 1.21 0.00	35.83 0.39 0.00	33.67 0.43 0.00	30.86 -0.09 0.00	31.57 -0.29 0.00	32.00 -0.29 0.00	32.04 0.00 0.00	33.31 1.06 0.00	32.21 1.82 0.00	32.05 1.90 0.00	34.78 1.94 0.00	39.99 3.07 0.00	43.80 3.84 0.00	47.74 4.45 -0.04	50.23 4.69 -0.04	53.08 5.00 -0.04	61.63 5.75 -0.04	70.97 6.16 -0.01	78.27 6.13 0.00	78.14 5.38 0.00	69.70 4.74 0.00	59.69 2.90 0.00	51.68 3.02 0.00	47.21 2.96 0.00
HUNTLEY___67 23561	41.14 0.92 0.00	35.62 0.18 0.00	33.44 0.20 0.00	30.67 -0.28 0.00	31.38 -0.48 0.00	31.81 -0.48 0.00	31.85 -0.19 0.00	32.98 0.74 0.00	31.88 1.49 0.00	31.78 1.63 0.00	34.49 1.64 0.00	39.62 2.70 0.00	43.40 3.44 0.00	47.30 4.02 -0.03	49.77 4.23 -0.03	52.54 4.47 -0.03	61.01 5.14 -0.03	70.19 5.38 -0.01	77.40 5.27 0.00	77.41 4.66 0.00	69.05 4.09 0.00	59.18 2.39 0.00	51.29 2.63 0.00	46.77 2.52 0.00
HUNTLEY___68 23562	41.14 0.92 0.00	35.62 0.18 0.00	33.44 0.20 0.00	30.67 -0.28 0.00	31.38 -0.48 0.00	31.81 -0.48 0.00	31.85 -0.19 0.00	32.98 0.74 0.00	31.88 1.49 0.00	31.78 1.63 0.00	34.49 1.64 0.00	39.62 2.70 0.00	43.40 3.44 0.00	47.30 4.02 -0.03	49.77 4.23 -0.03	52.54 4.47 -0.03	61.01 5.14 -0.03	70.19 5.38 -0.01	77.40 5.27 0.00	77.41 4.66 0.00	69.05 4.09 0.00	59.18 2.39 0.00	51.29 2.63 0.00	46.77 2.52 0.00

HYLAND____LFGE 323620	43.07	37.39	35.00	32.35	33.14	33.55	33.33	33.85	31.88	31.06	33.40	38.04	41.56	45.15	47.65	50.55	57.40	67.52	76.68	78.93	71.32	61.46	54.21	48.85
	2.86	1.95	1.76	1.39	1.28	1.26	1.28	1.61	1.49	0.90	0.56	1.11	1.60	1.90	2.14	2.50	1.56	2.72	4.55	6.18	6.37	4.66	5.55	4.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INDECK____CORINTH 23802	41.34	36.47	34.14	31.79	32.78	33.29	33.04	33.01	30.87	30.42	32.75	36.37	38.99	41.97	44.26	47.18	55.72	65.32	74.30	75.23	67.23	58.73	50.08	45.44
	1.12	1.03	0.90	0.84	0.92	1.00	0.99	0.77	0.48	0.27	-0.10	-0.30	-0.48	-0.56	-0.50	-0.43	-0.11	0.52	2.16	2.47	2.27	1.93	1.41	1.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.49	0.71	0.74	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INDECK____ILION 23567	40.02	35.26	33.04	30.80	31.73	32.16	31.88	32.05	30.21	29.94	32.58	36.67	39.64	42.94	45.18	47.76	55.56	64.48	71.92	72.68	64.89	56.68	48.52	44.03
	-0.20	-0.18	-0.20	-0.15	-0.13	-0.13	-0.16	-0.19	-0.18	-0.21	-0.26	-0.26	-0.32	-0.30	-0.32	-0.29	-0.28	-0.32	-0.22	-0.07	-0.06	-0.11	-0.15	-0.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INDECK____OLEAN 23982	39.41	34.27	32.11	29.74	30.33	30.78	30.96	31.53	30.30	30.21	32.84	37.74	41.20	46.68	51.85	54.12	61.56	67.01	74.08	74.72	66.58	57.08	49.15	44.78
	-0.80	-1.17	-1.13	-1.21	-1.53	-1.52	-1.09	-0.71	-0.09	0.06	0.00	0.81	1.24	3.42	6.32	6.05	5.70	2.20	1.95	1.97	1.62	0.29	0.49	0.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.02	-0.02	-0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
INDECK____OSWEGO 23783	39.33	34.55	32.41	30.12	31.00	31.42	31.18	31.44	29.69	29.46	32.06	36.12	39.16	42.42	44.73	47.27	54.55	63.31	70.62	71.30	63.73	55.79	48.48	44.08
	-0.88	-0.88	-0.83	-0.83	-0.86	-0.87	-0.86	-0.80	-0.70	-0.69	-0.79	-0.81	-0.80	-0.82	-0.77	-0.77	-1.28	-1.49	-1.52	-1.45	-1.24	-1.25	-0.68	-0.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.24	-0.50	-0.63
INDECK____YERKES 23781	41.47	35.86	33.80	31.26	31.76	32.03	32.14	33.27	32.27	32.08	34.81	40.03	43.83	47.82	50.23	53.13	61.74	71.03	78.34	78.21	70.08	59.75	51.87	47.30
	1.25	0.43	0.56	0.31	-0.10	-0.26	0.10	1.03	1.88	1.93	1.97	3.10	3.87	4.54	4.69	5.04	5.86	6.22	6.20	5.46	5.13	2.95	3.21	3.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-0.04	-0.04	-0.04	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
INDIAN POINT_GT_1 24139	41.18	36.36	34.04	31.76	32.62	33.07	32.94	33.14	31.24	31.09	33.96	38.31	41.71	45.15	47.36	49.45	56.79	65.71	72.86	73.70	65.41	57.25	49.34	45.04
	0.97	0.92	0.80	0.80	0.76	0.78	0.90	0.90	0.85	0.93	1.12	1.11	1.24	1.17	1.09	0.96	0.95	0.91	0.72	0.95	0.45	0.45	0.68	0.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	-0.51	-0.74	-0.77	-0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INDIAN POINT_GT_2 23659	41.18	36.36	34.04	31.76	32.62	33.07	32.94	33.14	31.24	31.09	33.96	38.31	41.71	45.15	47.36	49.45	56.79	65.71	72.86	73.70	65.41	57.25	49.34	45.04
	0.97	0.92	0.80	0.80	0.76	0.78	0.90	0.90	0.85	0.93	1.12	1.11	1.24	1.17	1.09	0.96	0.95	0.91	0.72	0.95	0.45	0.45	0.68	0.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	-0.51	-0.74	-0.77	-0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INDIAN POINT_GT_3 24019	41.18	36.36	34.04	31.76	32.62	33.07	32.94	33.14	31.24	31.09	33.96	38.31	41.71	45.15	47.36	49.45	56.79	65.71	72.86	73.70	65.41	57.25	49.34	45.04
	0.97	0.92	0.80	0.80	0.76	0.78	0.90	0.90	0.85	0.93	1.12	1.11	1.24	1.17	1.09	0.96	0.95	0.91	0.72	0.95	0.45	0.45	0.68	0.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	-0.51	-0.74	-0.77	-0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INDIAN POINT____2 23530	41.14	36.32	34.01	31.66	32.56	33.04	32.91	33.11	31.24	31.09	33.96	38.30	41.65	45.00	47.20	49.39	56.73	65.58	72.78	73.55	65.41	57.14	49.20	44.82
	0.93	0.89	0.77	0.71	0.70	0.74	0.87	0.87	0.85	0.94	1.12	1.11	1.20	1.04	0.96	0.91	0.89	0.78	0.65	0.80	0.46	0.34	0.54	0.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	-0.50	-0.72	-0.74	-0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INDIAN POINT____3 23531	41.10	36.32	34.04	31.72	32.62	33.07	32.91	33.11	31.24	31.09	33.93	38.27	41.63	45.07	47.32	49.40	56.67	65.58	72.78	73.55	65.28	57.14	49.30	45.00
	0.88	0.89	0.80	0.77	0.76	0.78	0.87	0.87	0.85	0.93	1.08	1.07	1.16	1.08	1.05	0.91	0.84	0.78	0.65	0.80	0.32	0.34	0.63	0.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	-0.51	-0.74	-0.77	-0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INGHAM_C_115KV_TB7 356103	39.61	34.91	32.71	30.49	31.38	31.84	31.56	31.73	29.87	29.58	32.22	36.23	39.20	42.42	44.64	47.23	54.94	63.76	71.27	72.02	64.30	56.29	48.13	43.63
	-0.60	-0.53	-0.53	-0.46	-0.48	-0.45	-0.48	-0.52	-0.52	-0.57	-0.62	-0.70	-0.76	-0.82	-0.86	-0.82	-0.89	-1.04	-0.87	-0.73	-0.65	-0.51	-0.54	-0.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IP CORINTH____1 23988	41.58	36.68	34.34	31.97	32.98	33.46	33.20	33.21	31.06	30.57	32.94	36.55	39.22	42.05	44.58	47.47	56.06	65.71	74.73	75.66	67.55	59.07	50.37	45.71
	1.37	1.24	1.10	1.02	1.12	1.16	1.15	0.97	0.67	0.42	0.10	-0.11	-0.24	-0.48	-0.18	-0.14	0.22	0.91	2.60	2.91	2.60	2.27	1.70	1.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.49	0.71	0.74	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IP____TICONDEROGA 23804	43.47	38.27	35.73	33.21	34.28	34.88	34.54	34.40	32.06	31.51	33.96	37.73	40.37	43.42	46.25	49.33	58.52	68.82	78.77	80.03	71.45	62.31	53.04	47.96
	3.26	2.84	2.49	2.26	2.42	2.58	2.50	2.16	1.67	1.36	1.12	1.07	0.92	0.91	1.50	1.73	2.68	4.02	6.64	7.28	6.50	5.51	4.38	3.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.51	0.73	0.76	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ISLIP_RES_REC 323679	42.43	37.21	34.60	32.10	32.94	33.29	32.85	33.11	31.42	31.63	35.18	39.80	43.29	45.30	46.69	49.40	56.78	65.57	72.63	67.75	49.54	48.46	47.19	44.38
	2.21	1.77	1.36	1.15	1.08	1.00	0.80	0.87	1.03	1.48	2.33	2.58	2.80	1.30	0.41	0.91	0.95	0.78	0.51	0.65	0.26	0.11	0.15	0.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.29	-0.53	-0.75	-0.78	-0.45	0.01	0.01	0.02	5.65	15.67	8.45	1.62	0.00

JAMAICA__27_KV_LOAD 355505	41.79 1.57 0.00	36.82 1.38 0.00	34.44 1.20 0.00	32.07 1.11 0.00	32.91 1.05 0.00	33.42 1.13 0.00	33.39 1.35 0.00	33.76 1.52 0.00	31.85 1.46 0.00	31.78 1.63 0.00	34.45 1.61 0.00	38.94 1.74 -0.28	42.40 1.92 -0.52	45.94 1.95 -0.75	48.11 1.82 -0.78	50.18 1.68 -0.46	57.51 1.68 0.00	66.23 1.43 0.00	73.29 1.15 0.00	74.13 1.38 0.00	65.80 0.84 0.00	57.59 0.80 0.00	50.17 1.51 0.00	45.80 1.55 0.00
JANIS__SOLAR 323808	41.83 1.61 0.00	36.61 1.17 0.00	34.27 1.03 0.00	31.82 0.87 0.00	32.72 0.86 0.00	33.23 0.94 0.00	33.07 1.03 0.00	33.34 1.10 0.00	31.36 0.97 0.00	30.79 0.63 0.00	33.30 0.46 0.00	37.63 0.70 0.00	40.80 0.84 0.00	44.59 1.34 0.00	47.23 1.73 0.00	50.21 2.16 0.00	58.68 2.85 0.00	68.17 3.37 0.00	76.97 4.83 0.00	78.28 5.53 0.00	70.02 5.07 0.00	60.71 3.92 0.00	51.83 3.16 0.00	46.64 2.39 0.00
JARVIS____ 23743	40.14 -0.08 0.00	35.37 -0.07 0.00	33.21 -0.03 0.00	30.92 -0.03 0.00	31.83 -0.03 0.00	32.26 -0.03 0.00	32.01 -0.03 0.00	32.18 -0.06 0.00	30.33 -0.06 0.00	30.06 -0.09 0.00	32.75 -0.10 0.00	36.82 -0.11 0.00	39.84 -0.12 0.00	43.11 -0.13 0.00	45.37 -0.14 0.00	47.95 -0.10 0.00	55.72 -0.11 0.00	64.67 -0.13 0.00	72.06 -0.07 0.00	72.75 0.00 0.00	64.89 -0.06 0.00	56.74 -0.06 0.00	48.57 -0.10 0.00	44.16 -0.09 0.00
JENNISON____1 23625	41.95 1.73 0.00	36.75 1.31 0.00	34.37 1.13 0.00	31.94 0.99 0.00	32.91 1.05 0.00	33.42 1.13 0.00	33.29 1.25 0.00	33.60 1.35 0.00	31.72 1.34 0.00	31.21 1.06 0.00	33.86 1.02 0.00	38.33 1.40 0.00	41.52 1.56 0.00	45.41 2.16 0.00	47.87 2.37 0.00	51.02 2.98 0.00	59.47 3.63 0.00	68.56 3.76 0.00	77.04 4.91 0.00	78.06 5.31 0.00	69.70 4.74 0.00	60.60 3.81 0.00	51.78 3.11 0.00	46.68 2.43 0.00
JENNISON____2 23626	41.95 1.73 0.00	36.75 1.31 0.00	34.37 1.13 0.00	31.94 0.99 0.00	32.91 1.05 0.00	33.42 1.13 0.00	33.29 1.25 0.00	33.60 1.35 0.00	31.72 1.34 0.00	31.21 1.06 0.00	33.86 1.02 0.00	38.33 1.40 0.00	41.52 1.56 0.00	45.41 2.16 0.00	47.87 2.37 0.00	51.02 2.98 0.00	59.47 3.63 0.00	68.56 3.76 0.00	77.04 4.91 0.00	78.06 5.31 0.00	69.70 4.74 0.00	60.60 3.81 0.00	51.78 3.11 0.00	46.68 2.43 0.00
JERICOHO_RISE_WT_PWR 323719	41.02 0.80 0.00	36.15 0.71 0.00	33.84 0.60 0.00	31.51 0.56 0.00	32.40 0.54 0.00	32.84 0.55 0.00	32.65 0.61 0.00	32.82 0.58 0.00	30.96 0.58 0.00	30.81 0.66 0.00	33.63 0.79 0.00	37.78 0.85 0.00	40.80 0.84 0.00	44.24 1.00 0.00	46.32 0.82 0.00	48.72 0.67 0.00	56.56 0.72 0.00	65.64 0.84 0.00	72.86 0.72 0.00	73.48 0.73 0.00	65.72 0.72 -0.05	58.65 0.96 -0.88	51.19 0.73 -1.79	47.36 0.84 -2.27
KATONAH__115KV_46KV_TB4 355592	41.34 1.13 0.00	36.54 1.10 0.00	34.20 0.96 0.00	31.88 0.93 0.00	32.82 0.96 0.00	33.23 0.94 0.00	33.07 1.03 0.00	33.27 1.03 0.00	31.36 0.97 0.00	31.18 1.03 0.00	34.06 1.22 0.00	38.46 1.26 -0.28	41.92 1.44 -0.52	45.47 1.47 -0.76	47.70 1.41 -0.78	49.80 1.30 -0.46	57.18 1.34 0.00	66.36 1.56 0.00	73.51 1.37 0.00	74.35 1.60 0.00	65.93 0.97 0.00	57.65 0.85 0.00	49.64 0.97 0.00	45.31 1.06 0.00
KCE_NY_1 323755	41.62 1.41 0.00	36.75 1.31 0.00	34.47 1.23 0.00	32.06 1.11 0.00	33.07 1.21 0.00	33.55 1.26 0.00	33.33 1.28 0.00	33.34 1.10 0.00	31.21 0.82 0.00	30.75 0.60 0.00	33.34 0.49 0.00	37.02 0.37 0.28	39.75 0.32 0.52	42.79 0.30 0.75	45.17 0.45 0.78	48.12 0.53 0.46	56.73 0.89 0.00	66.35 1.55 0.00	74.59 2.45 0.00	75.52 2.76 0.00	67.42 2.47 0.00	58.90 2.10 0.00	50.37 1.70 0.00	45.80 1.55 0.00
KCE_NY_6_ESR 323823	41.71 1.49 0.00	36.08 0.64 0.00	33.97 0.73 0.00	31.38 0.43 0.00	31.92 0.06 0.00	32.20 -0.10 0.00	32.24 0.19 0.00	33.44 1.19 0.00	32.30 1.92 0.00	32.23 2.08 0.00	35.01 2.17 0.00	40.29 3.36 0.00	44.15 4.19 -0.03	48.25 4.97 -0.03	50.81 5.28 -0.03	53.70 5.62 -0.03	62.40 6.53 -0.03	71.67 6.87 -0.01	79.13 7.00 0.00	79.08 6.33 0.00	70.86 5.91 0.00	60.38 3.58 0.00	52.36 3.70 0.00	47.66 3.41 0.00
KEDC PORT_JEFF_GT2 24210	42.19 1.97 0.00	37.00 1.56 0.00	34.43 1.19 0.00	31.94 0.99 0.00	32.78 0.92 0.00	33.16 0.87 0.00	32.69 0.64 0.00	32.95 0.71 0.00	31.27 0.88 0.00	31.45 1.30 0.00	34.95 2.10 0.00	39.54 2.33 -0.29	43.01 2.52 -0.53	44.95 0.95 -0.75	46.33 0.05 -0.78	49.02 0.53 -0.45	56.27 0.44 0.01	64.60 -0.19 0.01	71.54 -0.58 0.02	67.13 0.07 5.70	48.89 -0.26 15.80	47.94 -0.34 8.52	46.84 -0.19 1.63	44.12 -0.13 0.00
KEDC PORT_JEFF_GT3 24211	42.19 1.97 0.00	37.00 1.56 0.00	34.43 1.19 0.00	31.94 0.99 0.00	32.78 0.92 0.00	33.16 0.87 0.00	32.69 0.64 0.00	32.95 0.71 0.00	31.27 0.88 0.00	31.45 1.30 0.00	34.95 2.10 0.00	39.54 2.33 -0.29	43.01 2.52 -0.53	44.95 0.95 -0.75	46.33 0.05 -0.78	49.02 0.53 -0.45	56.27 0.44 0.01	64.60 -0.19 0.01	71.54 -0.58 0.02	67.13 0.07 5.70	48.89 -0.26 15.80	47.94 -0.34 8.52	46.84 -0.19 1.63	44.12 -0.13 0.00
KEDC_GLWD_GT4 24219	41.83 1.61 0.00	36.82 1.38 0.00	34.37 1.13 0.00	31.97 1.02 0.00	32.85 0.99 0.00	33.26 0.97 0.00	33.01 0.96 0.00	33.27 1.03 0.00	31.45 1.06 0.00	31.45 1.30 0.00	34.65 1.81 0.00	39.14 1.92 -0.29	42.61 2.12 -0.53	45.51 1.51 -0.75	47.47 1.18 -0.78	49.84 1.34 -0.45	56.72 0.89 0.00	65.58 0.78 0.00	72.70 0.57 0.01	71.52 0.65 1.89	59.98 0.26 5.23	54.54 0.57 2.82	48.80 0.68 0.54	44.91 0.66 0.00
KEDC_GLWD_GT5 24220	41.83 1.61 0.00	36.82 1.38 0.00	34.37 1.13 0.00	31.97 1.02 0.00	32.85 0.99 0.00	33.26 0.97 0.00	33.01 0.96 0.00	33.27 1.03 0.00	31.45 1.06 0.00	31.45 1.30 0.00	34.65 1.81 0.00	39.14 1.92 -0.29	42.61 2.12 -0.53	45.51 1.51 -0.75	47.47 1.18 -0.78	49.84 1.34 -0.45	56.72 0.89 0.00	65.58 0.78 0.00	72.70 0.57 0.01	71.52 0.65 1.89	59.98 0.26 5.23	54.54 0.57 2.82	48.80 0.68 0.54	44.91 0.66 0.00
KENSICO____ 23655	41.30 1.09 0.00	36.47 1.03 0.00	34.14 0.90 0.00	31.82 0.87 0.00	32.72 0.86 0.00	33.16 0.87 0.00	33.01 0.96 0.00	33.24 1.00 0.00	31.36 0.97 0.00	31.21 1.06 0.00	34.09 1.25 0.00	38.46 1.26 -0.28	41.88 1.40 -0.52	45.34 1.34 -0.75	47.56 1.27 -0.78	49.65 1.15 -0.45	56.90 1.06 0.00	65.84 1.04 0.00	73.00 0.87 0.00	73.84 1.09 0.00	65.54 0.58 0.00	57.37 0.57 0.00	49.49 0.83 0.00	45.18 0.93 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	41.42 1.21 0.00	36.57 1.13 0.00	34.20 0.96 0.00	31.88 0.93 0.00	32.78 0.92 0.00	33.26 0.97 0.00	33.07 1.03 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.03 0.87 0.00	33.86 1.02 0.00	38.13 1.03 -0.17	41.47 1.20 -0.31	45.07 1.38 -0.45	47.42 1.46 -0.46	49.81 1.59 -0.18	57.26 1.84 0.42	66.28 2.27 0.79	74.51 2.38 0.00	75.36 2.62 0.01	66.90 1.95 0.00	58.38 1.59 0.00	50.08 1.56 0.14	45.66 1.42 0.00

KIAC_JFK_GT1 23816	41.54 1.33 0.00	36.61 1.17 0.00	34.24 1.00 0.00	31.91 0.96 0.00	32.75 0.89 0.00	33.23 0.94 0.00	33.23 1.19 0.00	33.56 1.32 0.00	31.66 1.28 0.00	31.60 1.45 0.00	34.26 1.41 0.00	38.72 1.51 -0.28	42.16 1.68 -0.52	45.69 1.69 -0.75	47.61 1.32 -0.78	49.65 1.15 -0.46	56.90 1.06 0.00	65.51 0.71 0.00	72.57 0.43 0.00	73.33 0.58 0.00	65.08 0.13 0.00	57.02 0.23 0.00	49.69 1.02 0.00	45.49 1.24 0.00
KIAC_JFK_GT2 23817	41.54 1.33 0.00	36.61 1.17 0.00	34.24 1.00 0.00	31.91 0.96 0.00	32.75 0.89 0.00	33.23 0.94 0.00	33.23 1.19 0.00	33.56 1.32 0.00	31.66 1.28 0.00	31.60 1.45 0.00	34.26 1.41 0.00	38.72 1.51 -0.28	42.16 1.68 -0.52	45.69 1.69 -0.75	47.61 1.32 -0.78	49.65 1.15 -0.46	56.90 1.06 0.00	65.51 0.71 0.00	72.57 0.43 0.00	73.33 0.58 0.00	65.08 0.13 0.00	57.02 0.23 0.00	49.69 1.02 0.00	45.49 1.24 0.00
KIAC_JFK____ 323774	41.54 1.33 0.00	36.61 1.17 0.00	34.20 0.96 0.00	31.85 0.90 0.00	32.72 0.86 0.00	33.23 0.94 0.00	33.23 1.19 0.00	33.60 1.35 0.00	31.66 1.28 0.00	31.60 1.45 0.00	34.26 1.41 0.00	38.72 1.51 -0.28	42.16 1.68 -0.52	45.55 1.55 -0.75	47.83 1.55 -0.78	49.65 1.15 -0.46	56.84 1.01 0.00	65.45 0.65 0.00	72.57 0.44 0.00	73.33 0.58 0.00	65.21 0.26 0.00	57.03 0.23 0.00	49.59 0.92 0.00	45.31 1.06 0.00
KINTIGH__24_KV_GSU 356498	40.74 0.52 0.00	35.37 -0.07 0.00	33.27 0.03 0.00	30.83 -0.12 0.00	31.38 -0.48 0.00	31.68 -0.61 0.00	31.66 -0.38 0.00	32.66 0.42 0.00	31.48 1.09 0.00	31.36 1.21 0.00	34.02 1.18 0.00	39.00 2.07 0.00	42.64 2.68 0.00	46.22 2.94 -0.03	48.31 2.78 -0.03	51.10 3.03 -0.03	59.49 3.63 -0.03	68.96 4.15 -0.01	76.10 3.96 0.00	76.17 3.42 0.00	68.20 3.25 0.00	58.39 1.59 0.00	50.66 2.00 0.00	46.15 1.90 0.00
KINTIGH____ 23543	40.74 0.52 0.00	35.37 -0.07 0.00	33.21 -0.03 0.00	30.52 -0.43 0.00	31.25 -0.61 0.00	31.68 -0.61 0.00	31.66 -0.38 0.00	32.69 0.45 0.00	31.48 1.09 0.00	31.36 1.21 0.00	34.03 1.18 0.00	39.00 2.07 0.00	42.64 2.68 0.00	46.22 2.94 -0.03	48.54 3.00 -0.03	51.15 3.07 -0.03	59.55 3.69 -0.03	68.96 4.15 -0.01	76.10 3.97 0.00	76.17 3.42 0.00	67.88 2.92 0.00	58.39 1.59 0.00	50.56 1.90 0.00	46.06 1.81 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	41.79 1.57 0.00	36.78 1.35 0.00	34.44 1.20 0.00	32.00 1.05 0.00	32.94 1.08 0.00	33.36 1.07 0.00	33.20 1.15 0.00	33.34 1.10 0.00	31.48 1.09 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.41 1.48 0.00	41.48 1.52 0.00	44.93 1.69 0.00	46.73 1.23 0.00	49.24 1.20 0.00	57.18 1.34 0.00	66.42 1.62 0.00	73.79 1.66 0.00	74.42 1.67 0.00	66.86 1.88 -0.03	59.10 1.82 -0.49	51.06 1.41 -0.99	46.74 1.24 -1.26
LACHUTE____HYDRO 323717	43.47 3.26 0.00	38.27 2.84 0.00	35.73 2.49 0.00	33.18 2.23 0.00	34.28 2.42 0.00	34.88 2.58 0.00	34.55 2.50 0.00	34.40 2.16 0.00	32.06 1.67 0.00	31.51 1.36 0.00	33.96 1.12 0.00	37.73 1.07 0.27	40.37 0.92 0.51	43.64 1.12 0.73	46.20 1.46 0.76	49.33 1.73 0.44	58.52 2.68 0.00	68.82 4.02 0.00	78.77 6.63 0.00	80.03 7.27 0.00	71.51 6.56 0.00	62.30 5.51 0.00	52.99 4.33 0.00	47.96 3.72 0.00
LAWRNCV_115KV_TB1 80681	41.67 1.45 0.00	36.68 1.24 0.00	34.34 1.10 0.00	31.94 0.99 0.00	32.75 0.89 0.00	33.20 0.90 0.00	32.97 0.93 0.00	33.08 0.84 0.00	31.21 0.82 0.00	30.97 0.81 0.00	33.83 0.99 0.00	38.00 1.07 0.00	41.00 1.04 0.00	44.41 1.17 0.00	46.64 1.14 0.00	49.34 1.30 0.00	57.29 1.45 0.00	66.36 1.56 0.00	73.51 1.37 0.00	74.28 1.53 0.00	67.44 2.14 -0.34	65.23 2.04 -6.39	63.35 1.75 -12.94	62.21 1.55 -16.41
LEDERLE____ 23769	41.30 1.09 0.00	36.50 1.06 0.00	34.17 0.93 0.00	31.85 0.90 0.00	32.75 0.89 0.00	33.20 0.90 0.00	33.07 1.03 0.00	33.27 1.03 0.00	31.39 1.00 0.00	31.24 1.09 0.00	34.09 1.25 0.00	38.44 1.26 -0.26	41.84 1.40 -0.48	45.33 1.38 -0.70	47.59 1.37 -0.73	49.76 1.30 -0.42	57.18 1.34 0.00	66.16 1.36 0.00	73.36 1.23 0.00	74.21 1.46 0.00	65.80 0.84 0.00	57.59 0.80 0.00	49.59 0.92 0.00	45.27 1.02 0.00
LIGHTHSE_115KV_TB6 355974	40.22 0.00 0.00	35.19 -0.25 0.00	32.94 -0.30 0.00	30.58 -0.37 0.00	31.48 -0.38 0.00	31.97 -0.32 0.00	31.72 -0.32 0.00	31.95 -0.29 0.00	30.14 -0.24 0.00	29.82 -0.33 0.00	32.42 -0.43 0.00	36.60 -0.33 0.00	39.56 -0.40 0.00	42.98 -0.26 0.00	45.28 -0.23 0.00	48.00 -0.05 0.00	55.72 -0.11 0.00	64.67 -0.13 0.00	72.57 0.43 0.00	73.48 0.73 0.00	65.89 0.91 -0.03	58.11 0.74 -0.57	50.36 0.54 -1.16	45.89 0.18 -1.47
LINDEN COGEN____ 23786	41.30 1.09 0.00	36.43 0.99 0.00	34.07 0.83 0.00	31.73 0.77 0.00	32.59 0.73 0.00	33.07 0.77 0.00	33.01 0.96 0.00	33.27 1.03 0.00	31.42 1.03 0.00	31.33 1.17 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.38 1.38 -0.75	47.56 1.27 -0.78	49.70 1.20 -0.46	56.78 0.95 0.00	65.45 0.65 0.00	72.57 0.44 0.00	73.33 0.58 0.00	65.15 0.20 0.00	56.97 0.17 0.00	49.34 0.68 0.00	44.95 0.71 0.00
LINDHRST_69_KV_BK1 356055	42.47 2.25 0.00	37.25 1.81 0.00	34.70 1.46 0.00	32.22 1.27 0.00	33.04 1.18 0.00	33.39 1.10 0.00	33.01 0.96 0.00	33.27 1.03 0.00	31.54 1.15 0.00	31.69 1.54 0.00	35.18 2.33 0.00	39.76 2.55 -0.28	43.20 2.72 -0.52	46.07 2.08 -0.75	47.74 1.46 -0.78	49.45 0.96 -0.45	56.72 0.89 0.01	65.76 0.97 0.01	72.70 0.58 0.01	68.48 0.65 4.92	51.44 0.13 13.64	49.56 0.11 7.36	47.64 0.39 1.41	45.80 1.55 0.00
LIPA_MISC_IPP 23656	41.95 1.73 0.00	36.78 1.35 0.00	34.27 1.03 0.00	31.82 0.87 0.00	32.62 0.76 0.00	32.97 0.68 0.00	32.49 0.45 0.00	32.76 0.52 0.00	31.09 0.70 0.00	31.27 1.12 0.00	34.75 1.90 0.00	39.28 2.07 -0.28	42.68 2.20 -0.52	45.34 1.34 -0.75	46.97 0.68 -0.78	48.73 0.24 -0.45	55.94 0.11 0.01	64.99 0.19 0.01	71.62 -0.50 0.02	66.74 -0.29 5.72	48.31 -0.78 15.86	47.56 -0.68 8.55	46.59 -0.44 1.64	45.13 0.88 0.00
LISF____SOLAR 323691	42.03 1.81 0.00	36.86 1.42 0.00	34.30 1.06 0.00	31.79 0.84 0.00	32.66 0.80 0.00	33.00 0.71 0.00	32.53 0.48 0.00	32.79 0.55 0.00	31.12 0.73 0.00	31.30 1.15 0.00	34.78 1.94 0.00	39.32 2.10 -0.29	42.73 2.24 -0.53	44.73 0.73 -0.75	46.06 -0.23 -0.78	48.78 0.29 -0.45	56.00 0.17 0.01	64.79 0.00 0.01	71.83 -0.29 0.02	66.89 -0.15 5.71	48.66 -0.45 15.84	47.75 -0.51 8.54	46.69 -0.34 1.64	43.94 -0.31 0.00
LITTLE FALLS____HYD 24013	39.61 -0.60 0.00	34.91 -0.53 0.00	32.71 -0.53 0.00	30.49 -0.46 0.00	31.38 -0.48 0.00	31.84 -0.45 0.00	31.56 -0.48 0.00	31.73 -0.52 0.00	29.87 -0.52 0.00	29.58 -0.57 0.00	32.22 -0.62 0.00	36.23 -0.70 0.00	39.20 -0.76 0.00	42.42 -0.82 0.00	44.64 -0.86 0.00	47.23 -0.82 0.00	54.94 -0.89 0.00	63.76 -1.04 0.00	71.27 -0.87 0.00	72.02 -0.73 0.00	64.30 -0.65 0.00	56.29 -0.51 0.00	48.13 -0.54 0.00	43.63 -0.62 0.00

LITTLRIV_115KV_TB1 356100	42.19 1.97 0.00	37.14 1.70 0.00	34.70 1.46 0.00	32.28 1.33 0.00	33.10 1.24 0.00	33.55 1.26 0.00	33.36 1.31 0.00	33.37 1.13 0.00	31.39 1.00 0.00	31.09 0.93 0.00	33.93 1.08 0.00	38.11 1.18 0.00	41.08 1.12 0.00	44.58 1.34 0.00	46.82 1.32 0.00	49.58 1.54 0.00	57.62 1.79 0.00	66.87 2.07 0.00	74.37 2.24 0.00	75.44 2.69 0.00	68.59 3.31 -0.33	66.02 3.12 -6.10	63.55 2.53 -12.36	62.14 2.21 -15.68
LI_NEWBRDGE___DRP 323616	41.71 1.49 0.00	36.64 1.20 0.00	34.17 0.93 0.00	31.76 0.80 0.00	32.59 0.73 0.00	32.94 0.65 0.00	32.59 0.54 0.00	32.85 0.61 0.00	31.12 0.73 0.00	31.21 1.06 0.00	34.55 1.71 0.00	39.02 1.81 -0.28	42.44 1.96 -0.52	45.30 1.30 -0.75	46.97 0.68 -0.78	48.73 0.24 -0.45	55.88 0.06 0.01	64.73 -0.06 0.01	71.61 -0.50 0.02	66.23 -0.36 6.16	47.09 -0.78 17.09	46.96 -0.62 9.21	46.66 -0.24 1.76	45.04 0.80 0.00
LOCKPORT_115KV_TB60_63_64 80432	41.30 1.09 0.00	35.76 0.32 0.00	33.61 0.37 0.00	30.83 -0.12 0.00	31.54 -0.32 0.00	31.94 -0.36 0.00	31.98 -0.06 0.00	32.92 0.68 0.00	31.82 1.43 0.00	31.87 1.72 0.00	34.45 1.61 0.00	39.55 2.62 0.00	43.16 3.20 0.00	47.01 3.72 -0.05	49.46 3.91 -0.05	52.22 4.13 -0.05	60.69 4.80 -0.05	69.87 5.05 -0.01	77.11 4.98 0.00	77.12 4.37 0.00	68.79 3.83 0.00	58.96 2.16 0.00	51.10 2.43 0.00	46.55 2.30 0.00
LOCKPORT___CC1 323769	41.26 1.04 0.00	35.72 0.28 0.00	33.67 0.43 0.00	31.14 0.19 0.00	31.64 -0.22 0.00	31.91 -0.39 0.00	31.76 -0.29 0.00	33.08 0.84 0.00	31.82 1.43 0.00	31.84 1.69 0.00	34.45 1.61 0.00	39.55 2.62 0.00	43.08 3.12 0.00	46.92 3.63 -0.05	49.23 3.68 -0.05	52.08 3.99 -0.05	60.46 4.58 -0.05	69.67 4.86 -0.01	76.90 4.76 0.00	76.82 4.07 0.00	68.85 3.90 0.00	58.78 1.99 0.00	51.05 2.38 0.00	46.68 2.43 0.00
LOCKPORT___CC2 323770	41.26 1.04 0.00	35.72 0.28 0.00	33.67 0.43 0.00	31.14 0.19 0.00	31.64 -0.22 0.00	31.91 -0.39 0.00	31.76 -0.29 0.00	33.08 0.84 0.00	31.82 1.43 0.00	31.84 1.69 0.00	34.45 1.61 0.00	39.55 2.62 0.00	43.08 3.12 0.00	46.92 3.63 -0.05	49.23 3.68 -0.05	52.08 3.99 -0.05	60.46 4.58 -0.05	69.67 4.86 -0.01	76.90 4.76 0.00	76.82 4.07 0.00	68.85 3.90 0.00	58.78 1.99 0.00	51.05 2.38 0.00	46.68 2.43 0.00
LOCKPORT___CC3 323771	41.26 1.04 0.00	35.72 0.28 0.00	33.67 0.43 0.00	31.14 0.19 0.00	31.64 -0.22 0.00	31.91 -0.39 0.00	31.76 -0.29 0.00	33.08 0.84 0.00	31.82 1.43 0.00	31.84 1.69 0.00	34.45 1.61 0.00	39.55 2.62 0.00	43.08 3.12 0.00	46.92 3.63 -0.05	49.23 3.68 -0.05	52.08 3.99 -0.05	60.46 4.58 -0.05	69.67 4.86 -0.01	76.90 4.76 0.00	76.82 4.07 0.00	68.85 3.90 0.00	58.78 1.99 0.00	51.05 2.38 0.00	46.68 2.43 0.00
LOCUSVLY_69_KV_BK2 55797	41.99 1.77 0.00	36.93 1.49 0.00	34.44 1.20 0.00	32.03 1.08 0.00	32.88 1.02 0.00	33.26 0.97 0.00	32.94 0.90 0.00	33.21 0.97 0.00	31.45 1.06 0.00	31.51 1.36 0.00	34.81 1.97 0.00	39.35 2.14 -0.28	42.80 2.32 -0.52	45.90 1.90 -0.75	47.74 1.46 -0.78	49.70 1.20 -0.45	56.84 1.01 0.00	65.83 1.04 0.00	72.85 0.72 0.01	70.59 0.73 2.89	57.07 0.13 8.01	52.82 0.34 4.32	48.32 0.49 0.83	45.53 1.28 0.00
LONG_LAKE_PHOENIX 24014	39.61 -0.60 0.00	34.76 -0.67 0.00	32.61 -0.63 0.00	30.27 -0.68 0.00	31.16 -0.70 0.00	31.61 -0.68 0.00	31.37 -0.67 0.00	31.66 -0.58 0.00	29.90 -0.49 0.00	29.67 -0.48 0.00	32.29 -0.56 0.00	36.41 -0.52 0.00	39.48 -0.48 0.00	42.81 -0.43 0.00	45.09 -0.41 0.00	47.71 -0.34 0.00	55.44 -0.39 0.00	64.41 -0.39 0.00	71.85 -0.29 0.00	72.46 -0.29 0.00	64.69 -0.26 0.00	56.34 -0.45 0.00	48.27 -0.39 0.00	43.76 -0.49 0.00
LOVETT___3 23632	41.06 0.84 0.00	36.29 0.85 0.00	33.97 0.73 0.00	31.69 0.74 0.00	32.56 0.70 0.00	33.00 0.71 0.00	32.88 0.83 0.00	33.08 0.84 0.00	31.21 0.82 0.00	31.06 0.90 0.00	33.90 1.05 0.00	38.23 1.03 -0.26	41.57 1.12 -0.49	44.99 1.04 -0.71	47.20 0.96 -0.74	49.29 0.82 -0.43	56.62 0.78 0.00	65.51 0.71 0.00	72.64 0.50 0.00	73.41 0.65 0.00	65.15 0.19 0.00	57.02 0.23 0.00	49.20 0.54 0.00	44.91 0.66 0.00
LOVETT___4 23642	41.06 0.84 0.00	36.29 0.85 0.00	33.97 0.73 0.00	31.69 0.74 0.00	32.56 0.70 0.00	33.00 0.71 0.00	32.88 0.83 0.00	33.08 0.84 0.00	31.21 0.82 0.00	31.06 0.90 0.00	33.90 1.05 0.00	38.23 1.03 -0.26	41.57 1.12 -0.49	44.99 1.04 -0.71	47.20 0.96 -0.74	49.29 0.82 -0.43	56.62 0.78 0.00	65.51 0.71 0.00	72.64 0.50 0.00	73.41 0.65 0.00	65.15 0.19 0.00	57.02 0.23 0.00	49.20 0.54 0.00	44.91 0.66 0.00
LOVETT___5 23593	41.06 0.84 0.00	36.29 0.85 0.00	33.97 0.73 0.00	31.69 0.74 0.00	32.56 0.70 0.00	33.00 0.71 0.00	32.88 0.83 0.00	33.08 0.84 0.00	31.21 0.82 0.00	31.06 0.90 0.00	33.90 1.05 0.00	38.23 1.03 -0.26	41.57 1.12 -0.49	44.99 1.04 -0.71	47.20 0.96 -0.74	49.29 0.82 -0.43	56.62 0.78 0.00	65.51 0.71 0.00	72.64 0.50 0.00	73.41 0.65 0.00	65.15 0.19 0.00	57.02 0.23 0.00	49.20 0.54 0.00	44.91 0.66 0.00
LOWER RAQUET___HYD 24057	41.75 1.53 0.00	36.71 1.27 0.00	34.37 1.13 0.00	31.94 0.99 0.00	32.75 0.89 0.00	33.20 0.90 0.00	33.01 0.96 0.00	33.08 0.84 0.00	31.18 0.79 0.00	30.97 0.81 0.00	33.83 0.98 0.00	38.00 1.07 0.00	40.96 1.00 0.00	44.50 1.25 0.00	46.78 1.27 0.00	49.34 1.30 0.00	57.23 1.40 0.00	66.35 1.55 0.00	73.58 1.44 0.00	74.43 1.67 0.00	67.02 1.75 -0.31	64.84 2.21 -5.83	62.28 1.80 -11.82	60.92 1.68 -14.99
LOWER___HUDSON 24059	40.98 0.76 0.00	36.25 0.82 0.00	34.04 0.80 0.00	31.73 0.77 0.00	32.69 0.83 0.00	33.13 0.84 0.00	32.91 0.87 0.00	32.98 0.74 0.00	30.94 0.55 0.00	30.52 0.36 0.00	33.17 0.33 0.36	36.68 0.11 0.67	39.33 0.04 0.96	42.24 -0.04 1.00	44.51 0.00 0.58	47.46 0.00 0.00	55.95 0.11 0.00	65.38 0.58 0.00	73.07 0.94 0.00	73.91 1.16 0.00	65.93 0.98 0.00	57.65 0.85 0.00	49.34 0.68 0.00	45.00 0.75 0.00
LOWVILLE_115KV_TB2 356335	41.02 0.80 0.00	35.90 0.46 0.00	33.54 0.30 0.00	31.17 0.22 0.00	32.08 0.22 0.00	32.55 0.26 0.00	32.33 0.29 0.00	32.40 0.16 0.00	30.69 0.30 0.00	30.30 0.15 0.00	32.98 0.13 0.00	37.37 0.44 0.00	40.08 0.12 0.00	43.68 0.43 0.00	45.91 0.41 0.00	48.81 0.77 0.00	56.79 0.95 0.00	65.97 1.17 0.00	74.30 2.16 0.00	75.52 2.76 0.00	67.97 2.92 -0.09	61.06 2.61 -1.65	53.90 1.90 -3.34	49.68 1.19 -4.24
LUTHERFT_115KV_GLOB_FND_222 355753	41.62 1.41 0.00	36.71 1.28 0.00	34.44 1.20 0.00	32.10 1.15 0.00	33.07 1.21 0.00	33.55 1.26 0.00	33.29 1.25 0.00	33.34 1.10 0.00	31.18 0.79 0.00	30.72 0.57 0.00	33.30 0.46 0.00	36.98 0.33 0.28	39.72 0.28 0.52	42.71 0.22 0.75	45.17 0.46 0.78	48.07 0.48 0.46	56.67 0.84 0.00	66.23 1.43 0.00	74.52 2.38 0.00	75.44 2.69 0.00	67.23 2.27 0.00	58.84 2.04 0.00	50.32 1.65 0.00	45.75 1.50 0.00

LUTHERNY_35_KV_BK2 355980	41.62 1.41 0.00	36.75 1.31 0.00	34.47 1.23 0.00	32.10 1.15 0.00	33.10 1.24 0.00	33.55 1.26 0.00	33.33 1.28 0.00	33.34 1.10 0.00	31.21 0.82 0.00	30.75 0.60 0.00	33.34 0.49 0.00	37.02 0.37 0.28	39.76 0.32 0.52	42.75 0.26 0.75	45.22 0.50 0.78	48.12 0.53 0.46	56.73 0.89 0.00	66.29 1.49 0.00	74.59 2.45 0.00	75.52 2.76 0.00	67.29 2.34 0.00	58.90 2.10 0.00	50.37 1.70 0.00	45.80 1.55 0.00
LWR___OSWEGATCHIE_HYD 23850	41.42 1.21 0.00	36.32 0.89 0.00	33.94 0.70 0.00	31.54 0.59 0.00	32.37 0.51 0.00	32.87 0.58 0.00	32.62 0.58 0.00	32.73 0.48 0.00	30.90 0.52 0.00	30.57 0.42 0.00	33.34 0.49 0.00	37.59 0.66 0.00	40.44 0.48 0.00	43.98 0.74 0.00	46.19 0.68 0.00	49.00 0.96 0.00	56.95 1.12 0.00	66.10 1.30 0.00	73.94 1.80 0.00	75.08 2.33 0.00	67.83 2.66 -0.21	63.25 2.50 -3.95	58.56 1.90 -8.00	55.81 1.42 -10.15
LYONS_FALL_HYD 23570	40.98 0.76 0.00	35.93 0.50 0.00	33.61 0.37 0.00	31.26 0.31 0.00	32.18 0.32 0.00	32.65 0.36 0.00	32.40 0.35 0.00	32.56 0.32 0.00	30.78 0.39 0.00	30.39 0.24 0.00	33.08 0.23 0.00	37.41 0.48 0.00	40.24 0.28 0.00	43.80 0.56 0.00	46.19 0.68 0.00	48.95 0.91 0.00	56.95 1.12 0.00	66.10 1.30 0.00	74.30 2.16 0.00	75.37 2.62 0.00	67.61 2.60 -0.06	60.22 2.33 -1.09	52.58 1.70 -2.21	48.16 1.11 -2.81
MADISON___COUNTY_LFGE 323628	41.10 0.88 0.00	36.08 0.64 0.00	33.77 0.53 0.00	31.38 0.43 0.00	32.34 0.48 0.00	32.81 0.52 0.00	32.56 0.51 0.00	32.76 0.52 0.00	30.90 0.52 0.00	30.51 0.36 0.00	33.21 0.36 0.00	37.45 0.52 0.00	40.52 0.56 0.00	44.11 0.86 0.00	46.41 0.91 0.00	49.29 1.25 0.00	57.40 1.56 0.00	66.55 1.75 0.00	74.66 2.52 0.00	75.59 2.84 0.00	67.57 2.60 -0.02	59.28 2.16 -0.33	50.99 1.65 -0.67	46.25 1.15 -0.85
MALONE___115KV_TB1 356076	41.79 1.57 0.00	36.78 1.35 0.00	34.44 1.20 0.00	32.00 1.05 0.00	32.91 1.05 0.00	33.36 1.07 0.00	33.20 1.15 0.00	33.34 1.10 0.00	31.48 1.09 0.00	31.33 1.18 0.00	34.22 1.38 0.00	38.41 1.48 0.00	41.48 1.52 0.00	44.93 1.69 0.00	47.05 1.55 0.00	49.73 1.68 0.00	57.73 1.90 0.00	67.00 2.20 0.00	74.37 2.24 0.00	75.15 2.40 0.00	67.67 2.60 -0.11	61.37 2.44 -2.13	54.87 1.90 -4.31	51.40 1.68 -5.47
MAPLEWOD_115KV_TB3 80458	40.62 0.40 0.00	36.04 0.60 0.00	33.84 0.60 0.00	31.57 0.62 0.00	32.53 0.67 0.00	32.97 0.68 0.00	32.69 0.64 0.00	32.73 0.48 0.00	30.69 0.30 0.00	30.33 0.18 0.00	33.04 0.20 0.00	36.66 0.00 0.27	39.34 -0.12 0.50	42.17 -0.35 0.72	44.57 -0.18 0.75	47.32 -0.29 0.44	55.56 -0.28 0.00	64.80 0.00 0.00	72.42 0.29 0.00	73.41 0.65 0.00	65.34 0.39 0.00	57.25 0.45 0.00	49.05 0.39 0.00	44.69 0.44 0.00
MAPLE_RIDGE_WT_1 323574	39.82 -0.40 0.00	35.05 -0.39 0.00	32.84 -0.40 0.00	30.61 -0.34 0.00	31.51 -0.35 0.00	31.97 -0.32 0.00	31.76 -0.29 0.00	31.98 -0.26 0.00	30.24 -0.15 0.00	30.09 -0.06 0.00	32.84 0.00 0.00	36.93 0.00 0.00	39.96 0.00 0.00	43.24 0.00 0.00	45.50 0.00 0.00	48.04 0.00 0.00	55.78 -0.06 0.00	64.74 -0.06 0.00	72.06 -0.07 0.00	72.68 -0.07 0.00	64.82 -0.13 0.00	56.68 -0.11 0.00	48.47 -0.19 0.00	43.98 -0.26 0.00
MAPLE_RIDGE_WT_2 323611	39.82 -0.40 0.00	35.05 -0.39 0.00	32.84 -0.40 0.00	30.61 -0.34 0.00	31.51 -0.35 0.00	31.97 -0.32 0.00	31.76 -0.29 0.00	31.98 -0.26 0.00	30.24 -0.15 0.00	30.09 -0.06 0.00	32.84 0.00 0.00	36.93 0.00 0.00	39.96 0.00 0.00	43.24 0.00 0.00	45.50 0.00 0.00	48.04 0.00 0.00	55.78 -0.06 0.00	64.74 -0.06 0.00	72.06 -0.07 0.00	72.68 -0.07 0.00	64.82 -0.13 0.00	56.68 -0.11 0.00	48.47 -0.19 0.00	43.98 -0.26 0.00
MARBLE_RIVER_WT_PWR 323696	41.06 0.85 0.00	36.18 0.75 0.00	33.90 0.66 0.00	31.54 0.59 0.00	32.43 0.57 0.00	32.90 0.61 0.00	32.69 0.64 0.00	32.85 0.61 0.00	31.00 0.61 0.00	30.85 0.69 0.00	33.67 0.82 0.00	37.81 0.88 0.00	40.84 0.88 0.00	44.28 1.04 0.00	46.32 0.82 0.00	48.72 0.67 0.00	56.56 0.72 0.00	65.58 0.78 0.00	72.86 0.72 0.00	73.48 0.73 0.00	65.69 0.72 -0.02	58.11 0.96 -0.35	50.11 0.73 -0.71	46.04 0.88 -0.90
MARSHVLE_115KV_TB1 80742	43.27 3.06 0.00	38.03 2.59 0.00	35.60 2.36 0.00	33.12 2.17 0.00	34.15 2.29 0.00	34.65 2.36 0.00	34.32 2.28 0.00	33.95 1.71 0.00	31.39 1.00 0.00	30.69 0.54 0.00	33.21 0.36 0.00	37.09 0.33 0.17	39.93 0.28 0.31	43.27 0.48 0.45	45.71 0.68 0.47	48.78 1.01 0.27	57.68 1.84 0.00	67.91 3.11 0.00	77.33 5.19 0.00	79.15 6.40 0.00	70.93 5.98 0.00	61.85 5.05 0.00	52.80 4.14 0.00	47.79 3.54 0.00
MARSH_HILL_WT_PWR 323713	41.14 0.93 0.00	35.72 0.28 0.00	33.54 0.30 0.00	31.01 0.06 0.00	31.73 -0.13 0.00	32.20 -0.10 0.00	32.21 0.16 0.00	32.82 0.58 0.00	31.30 0.91 0.00	31.09 0.94 0.00	33.76 0.92 0.00	38.63 1.70 0.00	42.24 2.28 0.00	46.41 3.16 -0.01	49.47 3.96 -0.01	52.14 4.08 -0.01	60.32 4.47 -0.01	69.01 4.21 0.00	76.97 4.83 0.00	77.92 5.17 0.00	69.76 4.81 0.00	59.75 2.95 0.00	51.44 2.77 0.00	46.59 2.34 0.00
MCINTYRE_115KV_TB2 80467	42.35 2.13 0.00	37.28 1.84 0.00	34.87 1.63 0.00	32.41 1.45 0.00	33.26 1.40 0.00	33.75 1.45 0.00	33.52 1.47 0.00	33.50 1.26 0.00	31.42 1.03 0.00	31.12 0.96 0.00	33.93 1.08 0.00	38.07 1.14 0.00	41.08 1.12 0.00	44.54 1.30 0.00	46.82 1.32 0.00	49.58 1.54 0.00	57.68 1.84 0.00	67.00 2.20 0.00	74.66 2.52 0.00	75.88 3.13 0.00	69.01 3.70 -0.35	66.79 3.46 -6.53	64.77 2.87 -13.23	63.56 2.52 -16.79
MECO_____69_KV_BK1 80468	43.39 3.18 0.00	38.13 2.69 0.00	35.67 2.43 0.00	33.18 2.23 0.00	34.22 2.36 0.00	34.75 2.45 0.00	34.42 2.37 0.00	34.14 1.90 0.00	31.54 1.15 0.00	30.75 0.60 0.00	33.14 0.30 0.00	36.89 0.15 0.18	39.65 0.04 0.35	42.88 0.13 0.50	45.44 0.46 0.52	48.51 0.77 0.30	57.62 1.79 0.00	68.17 3.37 0.00	77.76 5.63 0.00	79.44 6.69 0.00	70.93 5.98 0.00	61.91 5.11 0.00	52.80 4.14 0.00	47.83 3.58 0.00
MENANDS___115KV_TB5 355628	40.34 0.12 0.00	35.83 0.39 0.00	33.67 0.43 0.00	31.42 0.46 0.00	32.37 0.51 0.00	32.78 0.48 0.00	32.53 0.48 0.00	32.56 0.32 0.00	30.54 0.15 0.00	30.18 0.03 0.00	32.88 0.03 0.00	36.48 -0.18 0.27	39.14 -0.32 0.50	41.92 -0.61 0.72	44.25 -0.50 0.75	46.98 -0.62 0.44	55.11 -0.73 0.00	64.28 -0.52 0.00	71.70 -0.43 0.00	72.90 0.15 0.00	64.89 -0.06 0.00	56.85 0.06 0.00	48.76 0.10 0.00	44.42 0.18 0.00
MG INDUSTRY___DRP 24185	40.54 0.32 0.00	35.90 0.46 0.00	33.74 0.50 0.00	31.51 0.56 0.00	32.47 0.61 0.00	32.87 0.58 0.00	32.59 0.54 0.00	32.56 0.32 0.00	30.45 0.06 0.00	30.06 -0.09 0.00	32.75 -0.10 0.00	36.48 -0.30 0.15	39.27 -0.40 0.29	41.14 -1.69 0.41	43.39 -1.68 0.43	45.37 -1.83 0.85	50.99 -2.07 2.78	57.48 -2.07 5.25	70.17 -1.95 0.02	70.97 -1.75 0.04	63.20 -1.75 0.00	55.42 -1.36 0.02	46.63 -1.12 0.91	43.32 -0.93 0.00

MID___OSWEGATCHIE_HYD 23849	41.42 1.21 0.00	36.32 0.89 0.00	33.94 0.70 0.00	31.54 0.59 0.00	32.37 0.51 0.00	32.87 0.58 0.00	32.62 0.58 0.00	32.73 0.48 0.00	30.90 0.52 0.00	30.57 0.42 0.00	33.34 0.49 0.00	37.59 0.66 0.00	40.44 0.48 0.00	43.98 0.74 0.00	46.19 0.68 0.00	49.00 0.96 0.00	56.95 1.12 0.00	66.10 1.30 0.00	73.94 1.80 0.00	75.08 2.33 0.00	67.83 2.66 -0.21	63.25 2.50 -3.95	58.56 1.90 -8.00	55.81 1.42 -10.15
MID___RAQUETTE_HYD 23851	41.75 1.53 0.00	36.71 1.28 0.00	34.37 1.13 0.00	31.94 0.99 0.00	32.75 0.89 0.00	33.20 0.90 0.00	33.01 0.96 0.00	33.08 0.84 0.00	31.18 0.79 0.00	30.97 0.81 0.00	33.83 0.99 0.00	38.00 1.07 0.00	40.96 1.00 0.00	44.41 1.17 0.00	46.64 1.14 0.00	49.34 1.30 0.00	57.29 1.45 0.00	66.36 1.56 0.00	73.58 1.44 0.00	74.42 1.67 0.00	67.54 2.27 -0.31	64.84 2.22 -5.83	62.28 1.80 -11.82	60.83 1.59 -14.99
MILLIKEN___1 23584	40.90 0.68 0.00	35.83 0.39 0.00	33.57 0.33 0.00	31.14 0.19 0.00	32.05 0.19 0.00	32.55 0.26 0.00	32.33 0.29 0.00	32.66 0.42 0.00	30.84 0.46 0.00	30.51 0.36 0.00	33.17 0.33 0.00	37.48 0.55 0.00	40.68 0.72 0.00	44.24 0.99 0.00	46.69 1.18 0.00	49.49 1.44 0.00	57.62 1.79 0.00	66.87 2.07 0.00	74.80 2.67 0.00	75.73 2.98 0.00	67.55 2.60 0.00	58.67 1.87 0.00	50.17 1.51 0.00	45.44 1.19 0.00
MILLIKEN___2 23585	40.90 0.68 0.00	35.83 0.39 0.00	33.57 0.33 0.00	31.14 0.19 0.00	32.05 0.19 0.00	32.55 0.26 0.00	32.33 0.29 0.00	32.66 0.42 0.00	30.84 0.46 0.00	30.51 0.36 0.00	33.17 0.33 0.00	37.48 0.55 0.00	40.68 0.72 0.00	44.24 0.99 0.00	46.69 1.18 0.00	49.49 1.44 0.00	57.62 1.79 0.00	66.87 2.07 0.00	74.80 2.67 0.00	75.73 2.98 0.00	67.55 2.60 0.00	58.67 1.87 0.00	50.17 1.51 0.00	45.44 1.19 0.00
MILLIKEN___DIESEL 23629	40.90 0.68 0.00	35.83 0.39 0.00	33.57 0.33 0.00	31.14 0.19 0.00	32.05 0.19 0.00	32.55 0.26 0.00	32.33 0.29 0.00	32.66 0.42 0.00	30.84 0.46 0.00	30.51 0.36 0.00	33.17 0.33 0.00	37.48 0.55 0.00	40.68 0.72 0.00	44.24 0.99 0.00	46.69 1.18 0.00	49.49 1.44 0.00	57.62 1.79 0.00	66.87 2.07 0.00	74.80 2.67 0.00	75.73 2.98 0.00	67.55 2.60 0.00	58.67 1.87 0.00	50.17 1.51 0.00	45.44 1.19 0.00
MILLSEAT___LFGE 323607	41.95 1.73 0.00	36.32 0.89 0.00	34.17 0.93 0.00	31.60 0.65 0.00	32.18 0.32 0.00	32.45 0.16 0.00	32.24 0.19 0.00	33.53 1.29 0.00	32.15 1.76 0.00	32.14 1.99 0.00	34.78 1.94 0.00	39.92 2.99 0.00	43.56 3.60 0.00	47.63 4.28 -0.11	50.07 4.46 -0.11	53.00 4.85 -0.11	61.64 5.70 -0.11	71.18 6.35 -0.03	78.77 6.63 0.00	78.86 6.11 0.00	70.67 5.72 0.00	60.38 3.58 0.00	52.17 3.51 0.00	47.57 3.32 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	41.22 1.01 0.00	36.39 0.96 0.00	34.07 0.83 0.00	31.79 0.84 0.00	32.66 0.80 0.00	33.10 0.81 0.00	32.94 0.90 0.00	33.18 0.94 0.00	31.27 0.88 0.00	31.12 0.96 0.00	33.99 1.15 0.00	38.35 1.14 -0.28	41.76 1.28 -0.52	45.20 1.21 -0.75	47.42 1.14 -0.78	49.50 1.01 -0.45	56.79 0.95 0.00	65.77 0.97 0.00	72.93 0.79 0.00	73.70 0.95 0.00	65.41 0.45 0.00	57.25 0.45 0.00	49.39 0.73 0.00	45.09 0.84 0.00
MILLWOOD_13_KV_LOAD 356217	41.30 1.09 0.00	36.47 1.03 0.00	34.14 0.90 0.00	31.85 0.90 0.00	32.75 0.89 0.00	33.16 0.87 0.00	33.01 0.96 0.00	33.24 1.00 0.00	31.33 0.94 0.00	31.18 1.03 0.00	34.06 1.22 0.00	38.42 1.22 -0.28	41.84 1.36 -0.52	45.33 1.34 -0.75	47.55 1.27 -0.78	49.65 1.15 -0.45	56.95 1.12 0.00	66.03 1.23 0.00	73.15 1.01 0.00	73.99 1.24 0.00	65.67 0.71 0.00	57.42 0.62 0.00	49.49 0.83 0.00	45.18 0.93 0.00
MODEL_CITY_ENERGY 24167	40.98 0.76 0.00	35.47 0.04 0.00	33.47 0.23 0.00	30.95 0.00 0.00	31.48 -0.38 0.00	31.71 -0.58 0.00	31.47 -0.58 0.00	32.92 0.68 0.00	31.54 1.15 0.00	31.66 1.51 0.00	34.16 1.32 0.00	39.18 2.25 0.00	42.80 2.84 0.00	46.62 3.33 -0.04	48.87 3.32 -0.04	51.69 3.61 -0.04	60.07 4.19 -0.04	69.22 4.41 -0.01	76.32 4.18 0.00	76.32 3.56 0.00	68.39 3.44 0.00	58.39 1.59 0.00	50.71 2.04 0.00	46.50 2.26 0.00
MODERN_LFGE___ 323580	40.98 0.76 0.00	35.47 0.04 0.00	33.47 0.23 0.00	30.95 0.00 0.00	31.48 -0.38 0.00	31.71 -0.58 0.00	31.47 -0.58 0.00	32.92 0.68 0.00	31.54 1.15 0.00	31.66 1.51 0.00	34.16 1.32 0.00	39.18 2.25 0.00	42.80 2.84 0.00	46.62 3.33 -0.04	48.87 3.32 -0.04	51.69 3.61 -0.04	60.07 4.19 -0.04	69.22 4.41 -0.01	76.32 4.18 0.00	76.32 3.56 0.00	68.39 3.44 0.00	58.39 1.59 0.00	50.71 2.04 0.00	46.50 2.26 0.00
MOHAWK_PAPER___DRP 24187	40.62 0.40 0.00	36.04 0.60 0.00	33.84 0.60 0.00	31.57 0.62 0.00	32.53 0.67 0.00	32.97 0.68 0.00	32.69 0.64 0.00	32.73 0.48 0.00	30.69 0.30 0.00	30.33 0.18 0.00	33.04 0.20 0.00	36.66 0.00 0.27	39.34 -0.12 0.50	42.17 -0.35 0.72	44.57 -0.18 0.75	47.32 -0.29 0.44	55.56 -0.28 0.00	64.80 0.00 0.00	72.42 0.29 0.00	73.41 0.65 0.00	65.34 0.39 0.00	57.25 0.45 0.00	49.05 0.39 0.00	44.69 0.44 0.00
MOHICAN___35_KV_115KV_LD 80490	41.87 1.65 0.00	36.93 1.49 0.00	34.57 1.33 0.00	32.19 1.24 0.00	33.20 1.34 0.00	33.68 1.39 0.00	33.42 1.38 0.00	33.40 1.16 0.00	31.24 0.85 0.00	30.72 0.57 0.00	33.14 0.30 0.00	36.80 0.15 0.27	39.45 0.00 0.51	42.37 -0.13 0.74	44.92 0.18 0.77	47.84 0.24 0.45	56.51 0.67 0.00	66.23 1.43 0.00	75.24 3.10 0.00	76.17 3.42 0.00	68.01 3.05 0.00	59.47 2.67 0.00	50.76 2.09 0.00	46.06 1.81 0.00
MONGAUP___HYD 23641	41.26 1.04 0.00	36.47 1.03 0.00	34.07 0.83 0.00	31.75 0.80 0.00	32.69 0.83 0.00	33.16 0.87 0.00	32.97 0.93 0.00	33.08 0.84 0.00	31.06 0.67 0.00	30.79 0.63 0.00	33.57 0.72 0.00	37.60 0.44 -0.23	40.91 0.52 -0.43	44.30 0.43 -0.62	46.65 0.50 -0.65	49.33 0.91 -0.38	56.95 1.12 0.00	66.35 1.55 0.00	74.01 1.87 0.00	74.93 2.18 0.00	66.64 1.69 0.00	58.10 1.31 0.00	49.88 1.22 0.00	45.31 1.06 0.00
MONTAUK___DIESEL 23721	43.60 3.38 0.00	38.17 2.73 0.00	35.50 2.26 0.00	32.93 1.98 0.00	33.74 1.88 0.00	34.07 1.78 0.00	33.49 1.44 0.00	33.82 1.58 0.00	32.21 1.82 0.00	32.50 2.35 0.00	36.29 3.45 0.00	41.12 3.91 -0.28	44.76 4.28 -0.52	47.72 3.72 -0.75	49.61 3.32 -0.78	51.76 3.27 -0.45	59.74 3.91 0.01	69.52 4.73 0.01	76.52 4.40 0.02	71.18 4.15 5.72	51.89 2.79 15.86	50.58 2.33 8.55	49.07 2.04 1.64	47.30 3.05 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	41.06 0.84 0.00	35.33 -0.11 0.00	33.07 -0.17 0.00	30.33 -0.62 0.00	31.03 -0.83 0.00	31.52 -0.78 0.00	31.66 -0.38 0.00	32.69 0.45 0.00	31.82 1.43 0.00	32.02 1.87 0.00	35.04 2.20 0.00	40.36 3.43 0.00	44.31 4.36 0.00	49.02 5.75 -0.03	51.99 6.46 -0.03	55.04 6.97 -0.03	63.79 7.93 -0.03	72.26 7.45 -0.01	80.00 7.86 0.00	80.17 7.42 0.00	71.38 6.43 0.00	61.06 4.26 0.00	52.51 3.84 0.00	47.57 3.32 0.00

MORRIS RIDGE___SOLAR 323848	40.98 0.76 0.00	35.51 0.07 0.00	33.37 0.13 0.00	30.86 -0.09 0.00	31.51 -0.35 0.00	31.91 -0.39 0.00	31.92 -0.13 0.00	32.60 0.36 0.00	31.09 0.70 0.00	30.91 0.75 0.00	33.57 0.72 0.00	38.44 1.51 0.00	42.08 2.12 0.00	46.07 2.81 -0.02	48.84 3.32 -0.02	51.53 3.46 -0.02	59.76 3.91 -0.02	68.50 3.69 -0.01	76.25 4.11 0.00	77.04 4.29 0.00	69.05 4.09 0.00	59.18 2.39 0.00	51.10 2.43 0.00	46.42 2.17 0.00
MORTIMER_115KV_TB3 55949	40.90 0.68 0.00	35.69 0.25 0.00	33.41 0.17 0.00	30.83 -0.12 0.00	31.67 -0.19 0.00	32.13 -0.16 0.00	31.92 -0.13 0.00	32.66 0.42 0.00	31.21 0.82 0.00	31.09 0.93 0.00	33.83 0.99 0.00	38.55 1.62 0.00	42.08 2.12 0.00	45.74 2.51 0.01	48.18 2.68 0.01	50.87 2.83 0.01	59.23 3.41 0.01	68.75 3.95 0.00	76.32 4.18 0.00	76.61 3.86 0.00	68.27 3.31 0.00	59.01 2.22 0.00	50.66 2.00 0.00	45.93 1.68 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	41.50 1.29 0.00	36.64 1.20 0.00	34.27 1.03 0.00	31.97 1.02 0.00	32.85 0.99 0.00	33.26 0.97 0.00	33.13 1.09 0.00	33.40 1.16 0.00	31.51 1.12 0.00	31.42 1.27 0.00	34.29 1.45 0.00	38.69 1.48 -0.28	42.12 1.64 -0.52	45.60 1.60 -0.75	47.83 1.55 -0.78	49.89 1.39 -0.46	57.12 1.28 0.00	66.03 1.23 0.00	73.15 1.01 0.00	73.99 1.24 0.00	65.60 0.65 0.00	57.42 0.62 0.00	49.69 1.02 0.00	45.40 1.15 0.00
MUNSVILLE_WIND_PWR 323609	42.83 2.61 0.00	37.46 2.02 0.00	35.03 1.79 0.00	32.56 1.61 0.00	33.52 1.66 0.00	34.10 1.81 0.00	34.03 1.99 0.00	34.34 2.09 0.00	32.39 2.01 0.00	31.69 1.54 0.00	34.36 1.51 0.00	38.92 1.99 0.00	42.12 2.16 0.00	46.31 3.07 0.00	49.10 3.59 0.00	52.27 4.23 0.00	61.03 5.19 0.00	70.50 5.70 0.00	79.78 7.64 0.00	81.11 8.36 0.00	72.55 7.60 0.00	62.93 6.14 0.00	53.58 4.91 0.00	47.96 3.72 0.00
N SALMON___HYD 24042	41.78 1.57 0.00	36.78 1.35 0.00	34.43 1.19 0.00	32.00 1.05 0.00	32.91 1.05 0.00	33.36 1.06 0.00	33.20 1.15 0.00	33.34 1.10 0.00	31.48 1.09 0.00	31.33 1.17 0.00	34.22 1.38 0.00	38.41 1.48 0.00	41.48 1.52 0.00	45.06 1.82 0.00	47.23 1.73 0.00	49.72 1.68 0.00	57.74 1.90 0.00	67.00 2.20 0.00	74.37 2.24 0.00	75.15 2.40 0.00	67.40 2.33 -0.11	61.37 2.44 -2.13	54.87 1.90 -4.31	51.53 1.81 -5.47
N.AKRON__115KV_KNAPP 355671	41.87 1.65 0.00	36.29 0.85 0.00	34.04 0.80 0.00	31.23 0.28 0.00	31.99 0.13 0.00	32.42 0.13 0.00	32.37 0.32 0.00	33.34 1.10 0.00	32.15 1.76 0.00	32.14 1.99 0.00	34.78 1.94 0.00	39.88 2.95 0.00	43.56 3.60 0.00	47.57 4.24 -0.09	50.10 4.50 -0.09	52.94 4.80 -0.09	61.57 5.64 -0.09	71.04 6.22 -0.02	78.56 6.42 0.00	78.64 5.89 0.00	70.15 5.20 0.00	60.20 3.41 0.00	51.97 3.31 0.00	47.26 3.01 0.00
N.E_GEN_SANDY PD 24062	40.70 0.48 0.00	36.04 0.60 0.00	33.87 0.63 0.00	31.57 0.62 0.00	32.53 0.67 0.00	32.97 0.68 0.00	32.75 0.70 0.00	32.92 0.68 0.00	30.90 0.52 0.00	30.54 0.39 0.00	33.27 0.43 0.00	35.17 0.15 1.90	36.56 0.16 3.56	38.11 0.00 5.13	40.13 -0.05 5.33	44.80 -0.14 3.10	55.61 -0.22 0.00	64.93 0.13 0.00	72.28 0.14 0.00	73.04 0.29 0.00	65.02 0.07 0.00	56.91 0.11 0.00	48.86 0.20 0.00	44.60 0.35 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	41.14 0.92 0.00	36.36 0.92 0.00	34.04 0.80 0.00	31.76 0.80 0.00	32.62 0.76 0.00	33.07 0.78 0.00	32.94 0.90 0.00	33.14 0.90 0.00	31.24 0.85 0.00	31.09 0.93 0.00	33.96 1.12 0.00	38.30 1.11 -0.26	41.61 1.16 -0.49	45.07 1.12 -0.70	47.33 1.09 -0.73	49.43 0.96 -0.43	56.79 0.95 0.00	65.77 0.97 0.00	72.93 0.79 0.00	73.70 0.95 0.00	65.41 0.45 0.00	57.25 0.45 0.00	49.34 0.68 0.00	45.00 0.75 0.00
N.QUEENS_27_KV_LOAD 356247	41.95 1.73 0.00	36.96 1.52 0.00	34.60 1.36 0.00	32.22 1.27 0.00	33.10 1.24 0.00	33.65 1.36 0.00	33.42 1.38 0.00	33.40 1.16 0.00	31.30 0.91 0.00	31.33 1.18 0.00	34.22 1.38 0.00	38.58 1.37 -0.28	41.96 1.48 -0.52	45.43 1.43 -0.75	47.70 1.41 -0.78	49.46 0.96 -0.46	56.62 0.78 0.00	65.58 0.78 0.00	72.64 0.50 0.00	73.48 0.73 0.00	65.21 0.26 0.00	57.08 0.28 0.00	49.73 1.07 0.00	45.71 1.46 0.00
N.TROY___115KV_TB1 355778	40.98 0.76 0.00	36.25 0.82 0.00	34.04 0.80 0.00	31.76 0.80 0.00	32.72 0.86 0.00	33.13 0.84 0.00	32.91 0.87 0.00	32.98 0.74 0.00	30.93 0.55 0.00	30.51 0.36 0.00	33.17 0.33 0.00	36.68 0.11 0.36	39.33 0.04 0.67	42.20 -0.09 0.96	44.60 0.09 1.00	47.46 0.00 0.58	55.95 0.11 0.00	65.38 0.58 0.00	73.07 0.94 0.00	73.92 1.16 0.00	65.80 0.84 0.00	57.65 0.85 0.00	49.39 0.73 0.00	45.00 0.75 0.00
NARROWS_GT1_1 24228	41.95 1.73 -0.01	36.97 1.52 -0.01	34.58 1.33 -0.01	32.17 1.21 -0.01	33.08 1.21 -0.01	33.50 1.20 -0.01	33.20 1.15 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.47 1.47 -0.75	47.79 1.50 -0.78	49.65 1.15 -0.46	56.89 1.06 0.01	65.89 1.10 0.01	73.06 0.94 0.01	73.90 1.16 0.01	65.66 0.72 0.01	57.19 0.40 0.01	49.73 1.07 0.00	45.76 1.51 -0.01
NARROWS_GT1_2 24229	41.95 1.73 -0.01	36.97 1.52 -0.01	34.58 1.33 -0.01	32.17 1.21 -0.01	33.08 1.21 -0.01	33.50 1.20 -0.01	33.20 1.15 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.47 1.47 -0.75	47.79 1.50 -0.78	49.65 1.15 -0.46	56.89 1.06 0.01	65.89 1.10 0.01	73.06 0.94 0.01	73.90 1.16 0.01	65.66 0.72 0.01	57.19 0.40 0.01	49.73 1.07 0.00	45.76 1.51 -0.01
NARROWS_GT1_3 24230	41.95 1.73 -0.01	36.97 1.52 -0.01	34.58 1.33 -0.01	32.17 1.21 -0.01	33.08 1.21 -0.01	33.50 1.20 -0.01	33.20 1.15 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.47 1.47 -0.75	47.79 1.50 -0.78	49.65 1.15 -0.46	56.89 1.06 0.01	65.89 1.10 0.01	73.06 0.94 0.01	73.90 1.16 0.01	65.66 0.72 0.01	57.19 0.40 0.01	49.73 1.07 0.00	45.76 1.51 -0.01
NARROWS_GT1_4 24231	41.95 1.73 -0.01	36.97 1.52 -0.01	34.58 1.33 -0.01	32.17 1.21 -0.01	33.08 1.21 -0.01	33.50 1.20 -0.01	33.20 1.15 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.47 1.47 -0.75	47.79 1.50 -0.78	49.65 1.15 -0.46	56.89 1.06 0.01	65.89 1.10 0.01	73.06 0.94 0.01	73.90 1.16 0.01	65.66 0.72 0.01	57.19 0.40 0.01	49.73 1.07 0.00	45.76 1.51 -0.01
NARROWS_GT1_5 24232	41.95 1.73 -0.01	36.97 1.52 -0.01	34.58 1.33 -0.01	32.17 1.21 -0.01	33.08 1.21 -0.01	33.50 1.20 -0.01	33.20 1.15 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.47 1.47 -0.75	47.79 1.50 -0.78	49.65 1.15 -0.46	56.89 1.06 0.01	65.89 1.10 0.01	73.06 0.94 0.01	73.90 1.16 0.01	65.66 0.72 0.01	57.19 0.40 0.01	49.73 1.07 0.00	45.76 1.51 -0.01

NARROWS_GT1_6 24233	41.95 1.73 -0.01	36.97 1.52 -0.01	34.58 1.33 -0.01	32.17 1.21 -0.01	33.08 1.21 -0.01	33.50 1.20 -0.01	33.20 1.15 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.47 1.47 -0.75	47.79 1.50 -0.78	49.65 1.15 -0.46	56.89 1.06 0.01	65.89 1.10 0.01	73.06 0.94 0.01	73.90 1.16 0.01	65.66 0.72 0.01	57.19 0.40 0.01	49.73 1.07 0.00	45.76 1.51 -0.01
NARROWS_GT1_7 24234	41.95 1.73 -0.01	36.97 1.52 -0.01	34.58 1.33 -0.01	32.17 1.21 -0.01	33.08 1.21 -0.01	33.50 1.20 -0.01	33.20 1.15 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.47 1.47 -0.75	47.79 1.50 -0.78	49.65 1.15 -0.46	56.89 1.06 0.01	65.89 1.10 0.01	73.06 0.94 0.01	73.90 1.16 0.01	65.66 0.72 0.01	57.19 0.40 0.01	49.73 1.07 0.00	45.76 1.51 -0.01
NARROWS_GT1_8 24235	41.95 1.73 -0.01	36.97 1.52 -0.01	34.58 1.33 -0.01	32.17 1.21 -0.01	33.08 1.21 -0.01	33.50 1.20 -0.01	33.20 1.15 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.47 1.47 -0.75	47.79 1.50 -0.78	49.65 1.15 -0.46	56.89 1.06 0.01	65.89 1.10 0.01	73.06 0.94 0.01	73.90 1.16 0.01	65.66 0.72 0.01	57.19 0.40 0.01	49.73 1.07 0.00	45.76 1.51 -0.01
NARROWS_GT2_1 24236	41.95 1.73 -0.01	36.97 1.52 -0.01	34.58 1.33 -0.01	32.17 1.21 -0.01	33.08 1.21 -0.01	33.50 1.20 -0.01	33.20 1.15 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.47 1.47 -0.75	47.79 1.50 -0.78	49.65 1.15 -0.46	56.89 1.06 0.01	65.89 1.10 0.01	73.06 0.94 0.01	73.90 1.16 0.01	65.66 0.72 0.01	57.19 0.40 0.01	49.73 1.07 0.00	45.76 1.51 -0.01
NARROWS_GT2_2 24237	41.95 1.73 -0.01	36.97 1.52 -0.01	34.58 1.33 -0.01	32.17 1.21 -0.01	33.08 1.21 -0.01	33.50 1.20 -0.01	33.20 1.15 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.47 1.47 -0.75	47.79 1.50 -0.78	49.65 1.15 -0.46	56.89 1.06 0.01	65.89 1.10 0.01	73.06 0.94 0.01	73.90 1.16 0.01	65.66 0.72 0.01	57.19 0.40 0.01	49.73 1.07 0.00	45.76 1.51 -0.01
NARROWS_GT2_3 24238	41.95 1.73 -0.01	36.97 1.52 -0.01	34.58 1.33 -0.01	32.17 1.21 -0.01	33.08 1.21 -0.01	33.50 1.20 -0.01	33.20 1.15 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.47 1.47 -0.75	47.79 1.50 -0.78	49.65 1.15 -0.46	56.89 1.06 0.01	65.89 1.10 0.01	73.06 0.94 0.01	73.90 1.16 0.01	65.66 0.72 0.01	57.19 0.40 0.01	49.73 1.07 0.00	45.76 1.51 -0.01
NARROWS_GT2_4 24239	41.95 1.73 -0.01	36.97 1.52 -0.01	34.58 1.33 -0.01	32.17 1.21 -0.01	33.08 1.21 -0.01	33.50 1.20 -0.01	33.20 1.15 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.47 1.47 -0.75	47.79 1.50 -0.78	49.65 1.15 -0.46	56.89 1.06 0.01	65.89 1.10 0.01	73.06 0.94 0.01	73.90 1.16 0.01	65.66 0.72 0.01	57.19 0.40 0.01	49.73 1.07 0.00	45.76 1.51 -0.01
NARROWS_GT2_5 24240	41.95 1.73 -0.01	36.97 1.52 -0.01	34.58 1.33 -0.01	32.17 1.21 -0.01	33.08 1.21 -0.01	33.50 1.20 -0.01	33.20 1.15 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.47 1.47 -0.75	47.79 1.50 -0.78	49.65 1.15 -0.46	56.89 1.06 0.01	65.89 1.10 0.01	73.06 0.94 0.01	73.90 1.16 0.01	65.66 0.72 0.01	57.19 0.40 0.01	49.73 1.07 0.00	45.76 1.51 -0.01
NARROWS_GT2_6 24241	41.95 1.73 -0.01	36.97 1.52 -0.01	34.58 1.33 -0.01	32.17 1.21 -0.01	33.08 1.21 -0.01	33.50 1.20 -0.01	33.20 1.15 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.47 1.47 -0.75	47.79 1.50 -0.78	49.65 1.15 -0.46	56.89 1.06 0.01	65.89 1.10 0.01	73.06 0.94 0.01	73.90 1.16 0.01	65.66 0.72 0.01	57.19 0.40 0.01	49.73 1.07 0.00	45.76 1.51 -0.01
NARROWS_GT2_7 24242	41.95 1.73 -0.01	36.97 1.52 -0.01	34.58 1.33 -0.01	32.17 1.21 -0.01	33.08 1.21 -0.01	33.50 1.20 -0.01	33.20 1.15 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.47 1.47 -0.75	47.79 1.50 -0.78	49.65 1.15 -0.46	56.89 1.06 0.01	65.89 1.10 0.01	73.06 0.94 0.01	73.90 1.16 0.01	65.66 0.72 0.01	57.19 0.40 0.01	49.73 1.07 0.00	45.76 1.51 -0.01
NARROWS_GT2_8 24243	41.95 1.73 -0.01	36.97 1.52 -0.01	34.58 1.33 -0.01	32.17 1.21 -0.01	33.08 1.21 -0.01	33.50 1.20 -0.01	33.20 1.15 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.47 1.47 -0.75	47.79 1.50 -0.78	49.65 1.15 -0.46	56.89 1.06 0.01	65.89 1.10 0.01	73.06 0.94 0.01	73.90 1.16 0.01	65.66 0.72 0.01	57.19 0.40 0.01	49.73 1.07 0.00	45.76 1.51 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	41.14 0.92 0.00	36.43 0.99 0.00	34.17 0.93 0.00	31.88 0.93 0.00	32.85 0.99 0.00	33.29 1.00 0.00	32.97 0.93 0.00	32.85 0.61 0.00	30.63 0.24 0.00	30.12 -0.03 0.00	32.75 1.15 0.00	36.82 0.00 0.11	39.68 -0.08 0.20	42.34 -0.61 0.30	44.83 -0.36 0.31	46.77 -0.34 0.94	52.25 -0.06 3.53	58.84 0.71 6.68	73.20 1.08 0.02	74.45 1.75 0.05	65.73 0.78 0.00	57.57 0.80 0.02	48.28 0.78 1.16	44.73 0.49 0.00
NCHELSEA_115KV_TR2 355582	41.38 1.17 0.00	36.54 1.10 0.00	34.20 0.96 0.00	31.91 0.96 0.00	32.82 0.96 0.00	33.26 0.97 0.00	33.10 1.06 0.00	33.24 1.00 0.00	31.30 0.91 0.00	31.06 0.90 0.00	33.90 1.05 0.00	38.22 1.07 -0.22	41.57 1.20 -0.41	45.09 1.25 -0.59	47.44 1.32 -0.61	49.70 1.30 -0.36	57.29 1.45 0.00	66.55 1.75 0.00	73.94 1.80 0.00	74.72 1.96 0.00	66.25 1.30 0.00	57.93 1.14 0.00	49.83 1.17 0.00	45.44 1.19 0.00
NEG CAPITAL___MECHNVIL 23645	41.66 1.45 0.00	36.78 1.35 0.00	34.50 1.26 0.00	32.10 1.15 0.00	33.10 1.24 0.00	33.59 1.29 0.00	33.36 1.31 0.00	33.40 1.16 0.00	31.27 0.88 0.00	30.81 0.66 0.00	33.44 0.59 0.00	37.07 0.44 0.31	39.82 0.44 0.57	42.89 0.48 0.83	45.23 0.59 0.86	48.21 0.67 0.50	56.89 1.06 0.00	66.55 1.75 0.00	74.73 2.59 0.00	75.66 2.91 0.00	67.48 2.53 0.00	58.95 2.16 0.00	50.41 1.75 0.00	45.84 1.59 0.00
NEG CENTRAL_HIGH_ACRES 23767	40.02 -0.20 0.00	34.98 -0.46 0.00	32.77 -0.47 0.00	30.39 -0.56 0.00	31.16 -0.70 0.00	31.52 -0.78 0.00	31.31 -0.74 0.00	31.98 -0.26 0.00	30.48 0.09 0.00	30.33 0.18 0.00	33.04 0.20 0.00	37.59 0.67 0.00	41.00 1.04 0.00	44.58 1.34 0.01	46.86 1.36 0.01	49.57 1.54 0.01	57.73 1.90 0.01	67.13 2.33 0.00	74.66 2.52 0.00	74.93 2.18 0.00	66.97 2.02 0.00	57.82 1.02 0.00	49.59 0.92 0.00	44.87 0.62 0.00

NEG CENTRAL___DRP 24199	40.62 0.40 0.00	35.54 0.11 0.00	33.27 0.03 0.00	30.80 -0.15 0.00	31.70 -0.16 0.00	32.16 -0.13 0.00	32.01 -0.03 0.00	32.44 0.19 0.00	30.72 0.33 0.00	30.48 0.33 0.00	33.17 0.33 0.00	37.63 0.70 0.00	40.92 0.96 0.00	44.58 1.34 0.00	47.10 1.59 0.00	49.73 1.68 0.00	57.90 2.07 0.00	67.13 2.33 0.00	74.95 2.81 0.00	75.66 2.91 0.00	67.36 2.40 0.00	58.39 1.59 0.00	49.98 1.31 0.00	45.35 1.11 0.00
NEG CENTRAL___INDECK 23768	42.43 2.21 0.00	36.86 1.42 0.00	34.54 1.30 0.00	31.94 0.99 0.00	32.69 0.83 0.00	33.10 0.81 0.00	32.94 0.90 0.00	33.56 1.32 0.00	31.82 1.43 0.00	31.36 1.21 0.00	33.96 1.12 0.00	38.74 1.81 0.00	42.36 2.40 0.00	46.15 2.90 -0.01	48.74 3.23 -0.01	51.60 3.56 -0.01	58.29 2.45 -0.01	67.91 3.11 0.00	76.25 4.11 0.00	77.63 4.87 0.00	69.76 4.81 0.00	60.15 3.35 0.00	53.19 4.53 0.00	48.01 3.76 0.00
NEG CENTRAL___SENECA 23627	40.98 0.76 0.00	35.76 0.32 0.00	33.47 0.23 0.00	30.95 0.00 0.00	31.83 -0.03 0.00	32.32 0.03 0.00	32.21 0.16 0.00	32.69 0.45 0.00	31.03 0.64 0.00	30.79 0.63 0.00	33.50 0.66 0.00	38.07 1.14 0.00	41.48 1.52 0.00	45.28 2.03 0.00	47.82 2.32 0.00	50.45 2.40 0.00	58.74 2.90 0.00	67.98 3.18 0.00	75.96 3.82 0.00	76.68 3.93 0.00	68.27 3.31 0.00	59.01 2.22 0.00	50.51 1.85 0.00	45.88 1.64 0.00
NEG CENTRAL___STATE_STREET 24147	40.42 0.20 0.00	35.40 -0.04 0.00	33.17 -0.07 0.00	30.77 -0.19 0.00	31.64 -0.22 0.00	32.13 -0.16 0.00	31.92 -0.13 0.00	32.24 0.00 0.00	30.51 0.12 0.00	30.24 0.09 0.00	32.94 0.10 0.00	37.26 0.33 0.00	40.48 0.52 0.00	43.98 0.74 0.00	46.41 0.91 0.00	49.05 1.01 0.00	57.18 1.34 0.00	66.42 1.62 0.00	74.16 2.02 0.00	74.93 2.18 0.00	66.77 1.82 0.00	57.99 1.19 0.00	49.59 0.92 0.00	44.91 0.66 0.00
NEG MILLWOOD___DRP 24198	41.46 1.25 0.00	36.64 1.20 0.00	34.30 1.06 0.00	32.00 1.05 0.00	32.91 1.05 0.00	33.36 1.07 0.00	33.17 1.12 0.00	33.34 1.10 0.00	31.39 1.00 0.00	31.18 1.03 0.00	34.09 1.25 0.00	38.47 1.29 -0.25	41.90 1.48 -0.46	45.46 1.56 -0.66	47.78 1.59 -0.69	49.93 1.49 -0.40	57.51 1.68 0.00	66.87 2.07 0.00	74.16 2.02 0.00	74.93 2.18 0.00	66.45 1.49 0.00	58.05 1.25 0.00	49.93 1.27 0.00	45.49 1.24 0.00
NEG NORTH_FLCN_SEA 23793	41.62 1.41 0.00	36.64 1.20 0.00	34.30 1.06 0.00	31.91 0.96 0.00	32.85 0.99 0.00	33.29 1.00 0.00	33.10 1.06 0.00	33.27 1.03 0.00	31.39 1.00 0.00	31.24 1.09 0.00	34.09 1.25 0.00	38.30 1.37 0.00	41.36 1.40 0.00	44.80 1.56 0.00	46.41 0.91 0.00	48.76 0.72 0.00	56.62 0.78 0.00	65.71 0.91 0.00	73.00 0.87 0.00	73.62 0.87 0.00	66.08 1.10 -0.02	58.35 1.14 -0.42	50.38 0.88 -0.84	46.07 0.75 -1.07
NEG NORTH_KES_CHATEGAY 23792	41.14 0.92 0.00	36.25 0.82 0.00	33.94 0.70 0.00	31.57 0.62 0.00	32.47 0.61 0.00	32.94 0.65 0.00	32.72 0.67 0.00	32.85 0.61 0.00	30.96 0.58 0.00	30.79 0.63 0.00	33.60 0.76 0.00	37.74 0.81 0.00	40.76 0.80 0.00	44.15 0.91 0.00	46.14 0.64 0.00	48.67 0.62 0.00	56.56 0.73 0.00	65.64 0.84 0.00	73.00 0.87 0.00	73.70 0.95 0.00	66.17 1.17 -0.05	58.86 1.19 -0.87	51.31 0.88 -1.77	47.29 0.80 -2.25
NEG NORTH___ALICE_FALLS 23915	41.79 1.57 0.00	36.78 1.35 0.00	34.44 1.20 0.00	32.00 1.05 0.00	32.94 1.08 0.00	33.36 1.07 0.00	33.20 1.15 0.00	33.34 1.10 0.00	31.48 1.09 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.41 1.48 0.00	41.48 1.52 0.00	44.93 1.69 0.00	46.73 1.23 0.00	49.24 1.20 0.00	57.18 1.34 0.00	66.42 1.62 0.00	73.79 1.66 0.00	74.42 1.67 0.00	66.86 1.88 -0.03	59.10 1.82 -0.49	51.06 1.41 -0.99	46.74 1.24 -1.26
NEG NORTH___LWR_SARANAC 23913	41.79 1.57 0.00	36.78 1.35 0.00	34.44 1.20 0.00	32.00 1.05 0.00	32.94 1.08 0.00	33.36 1.07 0.00	33.20 1.15 0.00	33.34 1.10 0.00	31.48 1.09 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.41 1.48 0.00	41.48 1.52 0.00	44.93 1.69 0.00	46.73 1.23 0.00	49.24 1.20 0.00	57.18 1.34 0.00	66.42 1.62 0.00	73.79 1.66 0.00	74.42 1.67 0.00	66.86 1.88 -0.03	59.10 1.82 -0.49	51.06 1.41 -0.99	46.74 1.24 -1.26
NEG NORTH___PLATTSBURG 23628	41.78 1.57 0.00	36.78 1.35 0.00	34.43 1.19 0.00	32.00 1.05 0.00	32.94 1.08 0.00	33.36 1.06 0.00	33.20 1.15 0.00	33.34 1.10 0.00	31.48 1.09 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.41 1.48 0.00	41.48 1.52 0.00	45.02 1.77 0.00	46.96 1.46 0.00	49.25 1.20 0.00	57.17 1.34 0.00	66.42 1.62 0.00	73.80 1.66 0.00	74.43 1.67 0.00	66.60 1.62 -0.03	59.10 1.82 -0.49	51.07 1.41 -0.99	47.09 1.59 -1.26
NEG WEST_LEA_LOCKPORT 23791	41.26 1.05 0.00	35.72 0.28 0.00	33.54 0.30 0.00	30.77 -0.19 0.00	31.48 -0.38 0.00	31.91 -0.39 0.00	31.95 -0.10 0.00	32.92 0.68 0.00	31.82 1.43 0.00	31.84 1.69 0.00	34.45 1.61 0.00	39.55 2.62 0.00	43.08 3.12 0.00	46.88 3.59 -0.05	49.33 3.78 -0.05	52.08 3.99 -0.05	60.52 4.63 -0.05	69.67 4.86 -0.01	76.90 4.76 0.00	76.83 4.07 0.00	68.53 3.57 0.00	58.78 1.99 0.00	50.95 2.29 0.00	46.46 2.21 0.00
NEG WEST___LANCASTR 23811	42.15 1.93 0.00	36.43 0.99 0.00	34.17 0.93 0.00	31.32 0.37 0.00	32.05 0.19 0.00	32.49 0.19 0.00	32.59 0.54 0.00	33.72 1.48 0.00	32.64 2.25 0.00	32.62 2.47 0.00	35.44 2.59 0.00	40.84 3.91 0.00	44.75 4.80 0.00	48.94 5.66 -0.03	51.54 6.01 -0.03	54.56 6.49 -0.03	63.41 7.54 -0.03	72.84 8.04 -0.01	80.43 8.30 0.00	80.32 7.57 0.00	71.58 6.63 0.00	61.23 4.43 0.00	52.90 4.23 0.00	48.10 3.85 0.00
NEG_PENN_ALLEGHNY 23528	40.62 0.40 0.00	35.62 0.18 0.00	33.41 0.17 0.00	31.04 0.09 0.00	31.89 0.03 0.00	32.32 0.03 0.00	32.17 0.13 0.00	32.50 0.26 0.00	30.78 0.39 0.00	30.54 0.39 0.00	33.27 0.43 0.00	37.63 0.70 0.00	40.88 0.92 0.00	44.55 1.30 -0.01	47.24 1.73 -0.01	49.87 1.83 -0.01	57.91 2.07 -0.01	66.61 1.81 0.00	74.15 2.02 0.00	74.86 2.11 0.00	66.77 1.82 0.00	57.93 1.14 0.00	49.69 1.02 0.00	45.09 0.84 0.00
NEG___GEN_MONROE 24207	41.14 0.92 0.00	35.86 0.43 0.00	33.54 0.30 0.00	30.92 -0.03 0.00	31.76 -0.10 0.00	32.23 -0.06 0.00	32.04 0.00 0.00	32.76 0.52 0.00	31.30 0.91 0.00	31.15 1.00 0.00	33.83 0.99 0.00	38.55 1.62 0.00	42.08 2.12 0.00	45.79 2.46 -0.08	48.31 2.73 -0.08	51.01 2.88 -0.08	59.38 3.46 -0.08	69.03 4.21 -0.02	76.68 4.54 0.00	77.12 4.37 0.00	68.79 3.83 0.00	59.35 2.56 0.00	51.00 2.34 0.00	46.24 1.99 0.00
NEPA___ENERGY 23901	40.94 0.72 0.00	35.51 0.07 0.00	33.24 0.00 0.00	30.58 -0.37 0.00	31.32 -0.54 0.00	31.78 -0.52 0.00	31.88 -0.16 0.00	32.76 0.52 0.00	31.60 1.22 0.00	31.54 1.39 0.00	34.29 1.45 0.00	39.48 2.55 0.00	43.16 3.20 0.00	47.51 4.24 -0.03	50.26 4.73 -0.03	53.26 5.19 -0.03	61.73 5.86 -0.03	70.06 5.25 -0.01	77.33 5.19 0.00	77.63 4.87 0.00	69.11 4.16 0.00	59.35 2.56 0.00	51.15 2.48 0.00	46.55 2.30 0.00

NEVERSINK___HYD 23608	41.14 0.93 0.00	36.32 0.89 0.00	33.97 0.73 0.00	31.63 0.68 0.00	32.56 0.70 0.00	33.04 0.74 0.00	32.85 0.80 0.00	33.01 0.77 0.00	31.09 0.70 0.00	30.85 0.69 0.00	33.63 0.79 0.00	37.91 0.81 -0.17	41.20 0.92 -0.32	44.70 1.00 -0.46	47.08 1.09 -0.48	49.47 1.20 -0.22	57.02 1.45 0.27	65.98 1.68 0.50	74.01 1.87 0.00	74.86 2.11 0.00	66.58 1.62 0.00	58.04 1.25 0.00	49.79 1.22 0.09	45.27 1.02 0.00
NEWKRMKL_115KV_TB1 55635	40.18 -0.04 0.00	35.65 0.21 0.00	33.54 0.30 0.00	31.29 0.34 0.00	32.24 0.38 0.00	32.65 0.36 0.00	32.40 0.35 0.00	32.40 0.16 0.00	30.42 0.03 0.00	30.06 -0.09 0.00	32.78 -0.07 0.00	36.39 -0.30 0.24	39.07 -0.44 0.45	41.77 -0.82 0.65	44.10 -0.73 0.67	46.79 -0.86 0.39	54.89 -0.95 0.00	63.96 -0.84 0.00	71.41 -0.72 0.00	71.95 -0.80 0.00	63.98 -0.97 0.00	56.06 -0.74 0.00	48.08 -0.58 0.00	43.76 -0.49 0.00
NEWTON___FALLS_HYD 23847	41.42 1.21 0.00	36.32 0.89 0.00	33.94 0.70 0.00	31.54 0.59 0.00	32.37 0.51 0.00	32.87 0.58 0.00	32.62 0.58 0.00	32.73 0.48 0.00	30.90 0.52 0.00	30.57 0.42 0.00	33.34 0.49 0.00	37.59 0.66 0.00	40.44 0.48 0.00	43.98 0.74 0.00	46.19 0.68 0.00	49.00 0.96 0.00	56.95 1.12 0.00	66.10 1.30 0.00	73.94 1.80 0.00	75.08 2.33 0.00	67.83 2.66 -0.21	63.25 2.50 -3.95	58.56 1.90 -8.00	55.81 1.42 -10.15
NGRID_A1_DSASP 323792	40.30 0.08 0.00	34.91 -0.53 0.00	32.91 -0.33 0.00	30.45 -0.50 0.00	30.94 -0.92 0.00	31.16 -1.13 0.00	31.53 -0.51 0.00	32.34 0.10 0.00	31.63 1.25 0.00	31.18 1.03 0.00	33.83 0.98 0.00	38.85 1.92 0.00	42.56 2.60 0.00	46.26 2.98 -0.04	48.45 2.91 -0.04	51.20 3.12 -0.04	59.50 3.63 -0.04	68.57 3.76 -0.01	75.60 3.46 0.00	75.52 2.76 0.00	67.68 2.73 0.00	57.76 0.96 0.00	50.27 1.60 0.00	45.84 1.59 0.00
NGRID_A2_DSASP 323793	40.30 0.08 0.00	34.91 -0.53 0.00	32.91 -0.33 0.00	30.45 -0.50 0.00	30.94 -0.92 0.00	31.16 -1.13 0.00	31.53 -0.51 0.00	32.34 0.10 0.00	31.63 1.25 0.00	31.18 1.03 0.00	33.83 0.98 0.00	38.85 1.92 0.00	42.56 2.60 0.00	46.26 2.98 -0.04	48.45 2.91 -0.04	51.20 3.12 -0.04	59.50 3.63 -0.04	68.57 3.76 -0.01	75.60 3.46 0.00	75.52 2.76 0.00	67.68 2.73 0.00	57.76 0.96 0.00	50.27 1.60 0.00	45.84 1.59 0.00
NGRID_A4_DSASP 323807	40.30 0.08 0.00	34.91 -0.53 0.00	32.91 -0.33 0.00	30.45 -0.50 0.00	30.94 -0.92 0.00	31.16 -1.13 0.00	31.53 -0.51 0.00	32.34 0.10 0.00	31.63 1.25 0.00	31.18 1.03 0.00	33.83 0.98 0.00	38.85 1.92 0.00	42.56 2.60 0.00	46.26 2.98 -0.04	48.45 2.91 -0.04	51.20 3.12 -0.04	59.50 3.63 -0.04	68.57 3.76 -0.01	75.60 3.46 0.00	75.52 2.76 0.00	67.68 2.73 0.00	57.76 0.96 0.00	50.27 1.60 0.00	45.84 1.59 0.00
NIAGARA_115E_LBMP 323715	40.82 0.60 0.00	35.33 -0.11 0.00	33.34 0.10 0.00	30.86 -0.09 0.00	31.35 -0.51 0.00	31.58 -0.71 0.00	31.31 -0.74 0.00	32.79 0.55 0.00	31.39 1.00 0.00	31.57 1.42 0.00	34.02 1.18 0.00	39.00 2.07 0.00	42.64 2.68 0.00	46.40 3.12 -0.04	48.64 3.10 -0.04	51.40 3.31 -0.04	59.73 3.85 -0.04	68.90 4.08 -0.01	75.96 3.82 0.00	75.88 3.13 0.00	68.01 3.05 0.00	58.05 1.25 0.00	50.47 1.80 0.00	46.37 2.12 0.00
NIAGARA_115W_LBMP 323714	40.18 -0.04 0.00	34.80 -0.64 0.00	32.81 -0.43 0.00	30.36 -0.59 0.00	30.84 -1.02 0.00	31.07 -1.23 0.00	31.47 -0.58 0.00	32.24 0.00 0.00	31.54 1.15 0.00	31.09 0.94 0.00	33.70 0.85 0.00	38.74 1.81 0.00	42.44 2.48 0.00	46.09 2.81 -0.04	48.31 2.78 -0.04	51.01 2.93 -0.04	59.28 3.41 -0.03	68.37 3.56 -0.01	75.31 3.17 0.00	75.23 2.47 0.00	67.42 2.47 0.00	57.59 0.79 0.00	50.12 1.46 0.00	45.71 1.46 0.00
NIAGARA_230_LBMP 323716	40.66 0.44 0.00	35.23 -0.21 0.00	33.21 -0.03 0.00	30.74 -0.22 0.00	31.25 -0.61 0.00	31.49 -0.81 0.00	31.53 -0.51 0.00	32.63 0.39 0.00	31.54 1.15 0.00	31.42 1.27 0.00	34.02 1.18 0.00	39.07 2.14 0.00	42.76 2.80 0.00	46.52 3.24 -0.03	48.77 3.23 -0.03	51.54 3.46 -0.03	59.83 3.96 -0.03	68.96 4.15 -0.01	76.03 3.89 0.00	75.95 3.20 0.00	68.07 3.12 0.00	58.16 1.36 0.00	50.61 1.95 0.00	46.19 1.94 0.00
NIAGARA___115KV_198_GIBSON 55903	40.18 -0.04 0.00	34.80 -0.64 0.00	32.67 -0.57 0.00	29.99 -0.96 0.00	30.68 -1.18 0.00	31.07 -1.23 0.00	31.12 -0.93 0.00	32.63 0.39 0.00	31.54 1.15 0.00	31.09 0.93 0.00	33.70 0.85 0.00	38.74 1.81 0.00	42.44 2.48 0.00	46.09 2.81 -0.04	48.40 2.87 -0.04	51.06 2.98 -0.04	59.28 3.41 -0.03	68.31 3.50 -0.01	75.31 3.17 0.00	75.23 2.47 0.00	67.10 2.14 0.00	57.54 0.74 0.00	49.98 1.31 0.00	46.02 1.77 0.00
NIAGARA____ 23760	40.66 0.44 0.00	35.23 -0.21 0.00	33.21 -0.03 0.00	30.74 -0.22 0.00	31.25 -0.61 0.00	31.49 -0.81 0.00	31.53 -0.51 0.00	32.63 0.39 0.00	31.54 1.15 0.00	31.42 1.27 0.00	34.02 1.18 0.00	39.07 2.14 0.00	42.76 2.80 0.00	46.53 3.24 -0.04	48.77 3.23 -0.04	51.54 3.46 -0.04	59.84 3.96 -0.04	68.96 4.15 -0.01	76.03 3.89 0.00	75.95 3.20 0.00	68.07 3.12 0.00	58.16 1.36 0.00	50.61 1.95 0.00	46.19 1.94 0.00
NINE_MILE_1 23575	39.05 -1.17 0.00	34.34 -1.10 0.00	32.21 -1.03 0.00	29.96 -0.99 0.00	30.81 -1.05 0.00	31.23 -1.06 0.00	30.99 -1.06 0.00	31.28 -0.97 0.00	29.54 -0.85 0.00	29.34 -0.81 0.00	31.92 -0.92 0.00	35.97 -0.96 0.00	38.96 -1.00 0.00	42.25 -0.99 0.00	44.46 -1.04 0.00	46.99 -1.06 0.00	54.72 -1.12 0.00	63.50 -1.30 0.00	70.76 -1.37 0.00	71.30 -1.45 0.00	63.72 -1.24 0.00	55.49 -1.30 0.00	47.55 -1.12 0.00	43.14 -1.10 0.00
NINE_MILE_2 23744	39.05 -1.17 0.00	34.34 -1.10 0.00	32.21 -1.03 0.00	29.96 -0.99 0.00	30.81 -1.05 0.00	31.23 -1.06 0.00	30.99 -1.06 0.00	31.28 -0.97 0.00	29.54 -0.85 0.00	29.34 -0.81 0.00	31.92 -0.92 0.00	35.97 -0.96 0.00	38.96 -1.00 0.00	42.25 -0.99 0.00	44.46 -1.04 0.00	46.99 -1.06 0.00	54.72 -1.12 0.00	63.50 -1.30 0.00	70.76 -1.37 0.00	71.30 -1.45 0.00	63.72 -1.24 0.00	55.49 -1.30 0.00	47.55 -1.12 0.00	43.14 -1.10 0.00
NM_CAPITAL___DRP 24208	40.26 0.04 0.00	35.72 0.28 0.00	33.61 0.37 0.00	31.35 0.40 0.00	32.31 0.45 0.00	32.71 0.42 0.00	32.46 0.42 0.00	32.50 0.26 0.00	30.48 0.09 0.00	30.12 -0.03 0.00	32.81 -0.03 0.00	36.41 -0.26 0.27	39.06 -0.40 0.50	41.84 -0.69 0.72	44.12 -0.64 0.74	46.84 -0.77 0.43	54.94 -0.89 0.00	64.09 -0.71 0.00	71.49 -0.65 0.00	71.95 -0.80 0.00	63.98 -0.97 0.00	56.12 -0.68 0.00	48.08 -0.58 0.00	43.81 -0.44 0.00
NM_CENTRAL___DRP 24181	39.86 -0.36 0.00	34.98 -0.46 0.00	32.81 -0.43 0.00	30.46 -0.50 0.00	31.35 -0.51 0.00	31.81 -0.48 0.00	31.56 -0.48 0.00	31.85 -0.39 0.00	30.11 -0.27 0.00	29.91 -0.24 0.00	32.55 -0.30 0.00	36.67 -0.26 0.00	39.76 -0.20 0.00	43.11 -0.13 0.00	45.46 -0.05 0.00	48.09 0.05 0.00	55.95 0.11 0.00	64.93 0.13 0.00	72.42 0.29 0.00	73.04 0.29 0.00	65.15 0.19 0.00	56.68 -0.11 0.00	48.52 -0.15 0.00	43.98 -0.27 0.00

NM_FRONTIER___DRP 24179	40.18 -0.04 0.00	34.80 -0.64 0.00	32.67 -0.57 0.00	29.99 -0.96 0.00	30.68 -1.18 0.00	31.07 -1.23 0.00	31.12 -0.93 0.00	32.63 0.39 0.00	31.54 1.15 0.00	31.09 0.93 0.00	33.70 0.85 0.00	38.74 1.81 0.00	42.44 2.48 0.00	46.09 2.81 -0.04	48.40 2.87 -0.04	51.06 2.98 -0.04	59.28 3.41 -0.03	68.31 3.50 -0.01	75.31 3.17 0.00	75.23 2.47 0.00	67.10 2.14 0.00	57.54 0.74 0.00	49.98 1.31 0.00	46.02 1.77 0.00
NM_ST_REGIS___HYD 24053	41.79 1.57 0.00	36.78 1.35 0.00	34.40 1.16 0.00	32.00 1.05 0.00	32.82 0.96 0.00	33.26 0.97 0.00	33.07 1.03 0.00	33.18 0.94 0.00	31.30 0.91 0.00	31.09 0.93 0.00	33.96 1.12 0.00	38.15 1.22 0.00	41.12 1.16 0.00	44.58 1.34 0.00	46.78 1.27 0.00	49.49 1.44 0.00	57.40 1.56 0.00	66.55 1.75 0.00	73.79 1.66 0.00	74.64 1.89 0.00	67.63 2.40 -0.27	64.20 2.33 -5.07	60.83 1.90 -10.27	58.91 1.64 -13.03
NORTHPORT___1 23551	41.98 1.77 0.00	36.86 1.42 0.00	34.34 1.10 0.00	31.85 0.90 0.00	32.69 0.83 0.00	33.10 0.81 0.00	32.69 0.64 0.00	32.95 0.71 0.00	31.21 0.82 0.00	31.36 1.21 0.00	34.72 1.87 0.00	39.21 1.99 -0.29	42.65 2.16 -0.53	44.43 0.43 -0.75	45.42 -0.87 -0.78	46.56 -0.63 0.86	47.38 -0.90 7.56	61.45 -1.30 2.05	68.51 -1.73 1.89	65.41 -1.53 5.81	47.23 -1.62 16.11	46.70 -1.42 8.68	46.07 -0.93 1.66	43.72 -0.53 0.00
NORTHPORT___2 23552	41.98 1.77 0.00	36.86 1.42 0.00	34.34 1.10 0.00	31.85 0.90 0.00	32.69 0.83 0.00	33.10 0.81 0.00	32.69 0.64 0.00	32.95 0.71 0.00	31.21 0.82 0.00	31.36 1.21 0.00	34.72 1.87 0.00	39.21 1.99 -0.29	42.65 2.16 -0.53	44.43 0.43 -0.75	45.42 -0.87 -0.78	46.56 -0.63 0.86	47.38 -0.90 7.56	61.45 -1.30 2.05	68.51 -1.73 1.89	65.41 -1.53 5.81	47.23 -1.62 16.11	46.70 -1.42 8.68	46.07 -0.93 1.66	43.72 -0.53 0.00
NORTHPORT___3 23553	41.38 1.17 0.00	36.32 0.89 0.00	33.84 0.60 0.00	31.42 0.46 0.00	32.24 0.38 0.00	32.65 0.36 0.00	32.27 0.23 0.00	32.53 0.29 0.00	30.81 0.43 0.00	30.93 0.78 0.00	34.29 1.44 0.00	38.77 1.55 -0.29	42.17 1.68 -0.53	43.91 -0.09 -0.75	45.28 -1.00 -0.78	46.41 -0.77 0.86	47.20 -1.06 7.57	61.25 -1.49 2.06	68.29 -1.94 1.90	65.08 -1.89 5.78	46.92 -2.01 16.02	46.40 -1.76 8.64	45.64 -1.36 1.66	43.19 -1.06 0.00
NORTHPORT___4 23650	41.38 1.17 0.00	36.32 0.89 0.00	33.84 0.60 0.00	31.42 0.46 0.00	32.24 0.38 0.00	32.65 0.36 0.00	32.27 0.23 0.00	32.53 0.29 0.00	30.81 0.43 0.00	30.93 0.78 0.00	34.29 1.44 0.00	38.77 1.55 -0.29	42.17 1.68 -0.53	43.91 -0.09 -0.75	45.28 -1.00 -0.78	46.41 -0.77 0.86	47.20 -1.06 7.57	61.25 -1.49 2.06	68.29 -1.94 1.90	65.08 -1.89 5.78	46.92 -2.01 16.02	46.40 -1.76 8.64	45.64 -1.36 1.66	43.19 -1.06 0.00
NORTHPORT___IC 23718	41.99 1.77 0.00	36.86 1.42 0.00	34.34 1.10 0.00	31.91 0.96 0.00	32.75 0.89 0.00	33.10 0.81 0.00	32.69 0.64 0.00	32.95 0.71 0.00	31.21 0.82 0.00	31.36 1.21 0.00	34.72 1.87 0.00	39.20 1.99 -0.28	42.64 2.16 -0.52	45.17 1.17 -0.75	46.51 0.23 -0.78	46.61 -0.58 0.86	47.38 -0.89 7.56	61.65 -1.10 2.05	68.51 -1.73 1.89	65.42 -1.53 5.81	47.09 -1.75 16.11	46.64 -1.48 8.68	46.12 -0.88 1.66	45.13 0.88 0.00
NORTH___COUNTRY_ESR 323785	41.02 0.80 0.00	36.15 0.71 0.00	33.84 0.60 0.00	31.51 0.56 0.00	32.40 0.54 0.00	32.84 0.55 0.00	32.65 0.61 0.00	32.82 0.58 0.00	30.96 0.58 0.00	30.81 0.66 0.00	33.63 0.79 0.00	37.78 0.85 0.00	40.80 0.84 0.00	44.24 1.00 0.00	46.32 0.82 0.00	48.72 0.67 0.00	56.56 0.72 0.00	65.64 0.84 0.00	72.86 0.72 0.00	73.48 0.73 0.00	65.72 0.72 -0.05	58.65 0.96 -0.88	51.19 0.73 -1.79	47.36 0.84 -2.27
NPX_GEN_1385_PROXY 323591	41.78 1.57 0.00	36.86 1.42 0.00	34.34 1.10 0.00	31.85 0.90 0.00	32.69 0.83 0.00	33.10 0.81 0.00	32.69 0.64 0.00	32.82 0.58 0.00	31.00 0.61 0.00	31.15 0.99 0.00	34.29 1.44 0.00	37.73 1.29 0.49	39.30 1.36 2.02	42.13 -0.43 0.68	44.51 -1.78 -0.78	46.13 -1.06 0.86	47.66 -0.61 7.56	61.78 -0.97 2.05	68.87 -1.37 1.89	66.36 -0.58 5.81	48.33 -0.52 16.11	47.27 -0.85 8.68	45.59 -1.41 1.66	43.27 -0.97 0.00
NPX_GEN_CSC 323557	41.75 1.53 0.00	36.61 1.17 0.00	34.07 0.83 0.00	31.57 0.62 0.00	32.43 0.57 0.00	32.78 0.49 0.00	32.30 0.26 0.00	32.56 0.32 0.00	30.90 0.52 0.00	31.09 0.94 0.00	34.58 1.74 0.00	39.14 1.92 -0.29	42.53 2.04 -0.53	44.48 0.48 -0.75	45.88 -0.41 -0.78	48.54 0.05 -0.45	55.83 0.00 0.01	64.53 -0.26 0.01	71.47 -0.65 0.02	66.53 -0.51 5.72	48.32 -0.78 15.86	47.45 -0.80 8.55	46.39 -0.63 1.64	43.67 -0.58 0.00
NSINS_S_GLNS_FALLS 23858	41.79 1.57 0.00	36.86 1.42 0.00	34.54 1.30 0.00	32.13 1.18 0.00	33.13 1.27 0.00	33.65 1.36 0.00	33.39 1.35 0.00	33.37 1.13 0.00	31.21 0.82 0.00	30.69 0.54 0.00	33.11 0.26 0.00	36.77 0.11 0.27	39.41 -0.04 0.51	42.30 -0.22 0.73	44.88 0.14 0.76	47.79 0.19 0.44	56.45 0.61 0.00	66.16 1.36 0.00	75.17 3.03 0.00	76.10 3.35 0.00	67.94 2.99 0.00	59.41 2.61 0.00	50.71 2.04 0.00	45.97 1.73 0.00
NUCOR_STEEL___DRP 24197	40.46 0.24 0.00	35.47 0.04 0.00	33.24 0.00 0.00	30.83 -0.12 0.00	31.73 -0.13 0.00	32.23 -0.06 0.00	31.98 -0.06 0.00	32.31 0.06 0.00	30.57 0.18 0.00	30.30 0.15 0.00	32.98 0.13 0.00	37.26 0.33 0.00	40.48 0.52 0.00	43.98 0.74 0.00	46.37 0.86 0.00	49.05 1.01 0.00	57.12 1.28 0.00	66.36 1.56 0.00	74.08 1.95 0.00	74.79 2.04 0.00	66.71 1.75 0.00	57.93 1.14 0.00	49.59 0.92 0.00	44.91 0.66 0.00
NUMBER_THREE_WT_PWR 323818	40.98 0.76 0.00	35.86 0.43 0.00	33.50 0.26 0.00	31.14 0.19 0.00	32.05 0.19 0.00	32.52 0.23 0.00	32.30 0.26 0.00	32.37 0.13 0.00	30.69 0.30 0.00	30.27 0.12 0.00	32.98 0.13 0.00	37.37 0.44 0.00	40.08 0.12 0.00	43.68 0.43 0.00	46.00 0.50 0.00	48.77 0.72 0.00	56.73 0.89 0.00	65.90 1.10 0.00	74.23 2.09 0.00	75.52 2.76 0.00	67.84 2.79 -0.09	61.06 2.56 -1.71	53.97 1.85 -3.46	49.83 1.20 -4.39
NYISO_LBMP_REFERENCE 24008	40.22 0.00 0.00	35.44 0.00 0.00	33.24 0.00 0.00	30.95 0.00 0.00	31.86 0.00 0.00	32.29 0.00 0.00	32.04 0.00 0.00	32.24 0.00 0.00	30.39 0.00 0.00	30.15 0.00 0.00	32.84 0.00 0.00	36.93 0.00 0.00	39.96 0.00 0.00	43.24 0.00 0.00	45.50 0.00 0.00	48.04 0.00 0.00	55.84 0.00 0.00	64.80 0.00 0.00	72.14 0.00 0.00	72.75 0.00 0.00	64.95 0.00 0.00	56.80 0.00 0.00	48.66 0.00 0.00	44.25 0.00 0.00
NYPA_BRENTWD____GT 24164	42.43 2.21 0.00	37.21 1.77 0.00	34.64 1.40 0.00	32.13 1.18 0.00	32.97 1.11 0.00	33.36 1.06 0.00	32.94 0.90 0.00	33.18 0.94 0.00	31.48 1.09 0.00	31.63 1.48 0.00	35.11 2.26 0.00	39.69 2.47 -0.29	43.17 2.68 -0.53	45.17 1.17 -0.75	46.47 0.18 -0.78	49.02 0.53 -0.45	56.33 0.50 0.01	65.12 0.33 0.01	72.12 0.00 0.02	67.29 0.15 5.61	49.26 -0.13 15.56	48.18 -0.23 8.39	47.06 0.00 1.61	44.38 0.13 0.00

NYPA_GOWANUS____GT5 24156	41.95 1.73 -0.01	36.97 1.52 -0.01	34.58 1.33 -0.01	32.17 1.21 -0.01	33.08 1.21 -0.01	33.50 1.20 -0.01	33.20 1.15 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.47 1.47 -0.75	47.79 1.50 -0.78	49.65 1.15 -0.46	56.89 1.06 0.01	65.83 1.03 0.01	73.06 0.94 0.01	73.84 1.09 0.01	65.66 0.72 0.01	57.19 0.40 0.01	49.73 1.07 0.00	45.76 1.51 -0.01
NYPA_GOWANUS____GT6 24157	41.95 1.73 -0.01	36.97 1.52 -0.01	34.58 1.33 -0.01	32.17 1.21 -0.01	33.08 1.21 -0.01	33.50 1.20 -0.01	33.20 1.15 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.47 1.47 -0.75	47.79 1.50 -0.78	49.65 1.15 -0.46	56.89 1.06 0.01	65.83 1.03 0.01	73.06 0.94 0.01	73.84 1.09 0.01	65.66 0.72 0.01	57.19 0.40 0.01	49.73 1.07 0.00	45.76 1.51 -0.01
NYPA_HARLEM__RVR__GT1 24160	41.87 1.65 -0.01	36.93 1.49 -0.01	34.54 1.30 -0.01	32.14 1.18 -0.01	33.05 1.18 -0.01	33.59 1.29 -0.01	33.36 1.31 0.00	33.34 1.10 0.00	31.23 0.85 0.01	31.26 1.12 0.01	34.12 1.28 0.01	38.49 1.29 -0.27	41.87 1.40 -0.51	45.20 1.21 -0.75	47.46 1.18 -0.77	49.36 0.87 -0.45	56.44 0.62 0.01	65.31 0.52 0.01	72.42 0.29 0.01	73.18 0.44 0.01	65.08 0.13 0.01	56.90 0.11 0.01	49.59 0.92 0.00	45.45 1.20 -0.01
NYPA_HARLEM__RVR__GT2 24161	41.87 1.65 -0.01	36.93 1.49 -0.01	34.54 1.30 -0.01	32.14 1.18 -0.01	33.05 1.18 -0.01	33.59 1.29 -0.01	33.36 1.31 0.00	33.34 1.10 0.00	31.23 0.85 0.01	31.26 1.12 0.01	34.12 1.28 0.01	38.49 1.29 -0.27	41.87 1.40 -0.51	45.20 1.21 -0.75	47.46 1.18 -0.77	49.36 0.87 -0.45	56.44 0.62 0.01	65.31 0.52 0.01	72.42 0.29 0.01	73.18 0.44 0.01	65.08 0.13 0.01	56.90 0.11 0.01	49.59 0.92 0.00	45.45 1.20 -0.01
NYPA_KENT____GT 24152	41.87 1.65 -0.01	36.90 1.45 -0.01	34.51 1.26 -0.01	32.14 1.18 -0.01	33.01 1.15 -0.01	33.46 1.16 -0.01	33.23 1.19 0.00	33.30 1.06 0.00	31.33 0.94 0.00	31.36 1.21 0.00	34.22 1.38 0.00	38.65 1.44 -0.28	42.08 1.60 -0.52	45.47 1.47 -0.75	47.74 1.46 -0.78	49.65 1.15 -0.46	56.83 1.01 0.01	65.70 0.91 0.01	72.85 0.72 0.01	73.62 0.88 0.01	65.46 0.52 0.01	57.13 0.34 0.01	49.69 1.02 0.00	45.63 1.37 -0.01
NYPA_POUCH1____GT 24155	41.95 1.73 -0.01	36.97 1.52 -0.01	34.58 1.33 -0.01	32.17 1.21 -0.01	33.08 1.21 -0.01	33.50 1.20 -0.01	33.17 1.12 0.00	33.14 0.90 0.00	31.15 0.76 0.00	31.21 1.05 0.00	34.09 1.25 0.00	38.50 1.29 -0.28	41.96 1.48 -0.52	45.38 1.38 -0.75	47.70 1.41 -0.78	49.51 1.01 -0.46	56.67 0.84 0.01	65.77 0.97 0.01	73.00 0.87 0.01	73.76 1.02 0.01	65.53 0.58 0.01	57.07 0.29 0.01	49.69 1.02 0.00	45.85 1.59 -0.01
NYPA_VERNON____GT2 24162	41.75 1.53 -0.01	36.83 1.38 -0.01	34.48 1.23 -0.01	32.11 1.15 -0.01	32.98 1.11 -0.01	33.46 1.16 -0.01	33.23 1.19 0.00	33.37 1.13 0.00	31.42 1.03 0.00	31.42 1.27 0.00	34.29 1.44 0.00	38.69 1.48 -0.28	42.08 1.60 -0.52	45.47 1.47 -0.75	47.74 1.46 -0.78	49.65 1.15 -0.46	56.78 0.95 0.01	65.57 0.78 0.01	72.70 0.57 0.01	73.47 0.73 0.01	65.34 0.39 0.01	57.07 0.29 0.01	49.64 0.97 0.00	45.49 1.24 -0.01
NYPA_VERNON____GT3 24163	41.75 1.53 -0.01	36.83 1.38 -0.01	34.48 1.23 -0.01	32.11 1.15 -0.01	32.98 1.11 -0.01	33.46 1.16 -0.01	33.23 1.19 0.00	33.37 1.13 0.00	31.42 1.03 0.00	31.42 1.27 0.00	34.29 1.44 0.00	38.69 1.48 -0.28	42.08 1.60 -0.52	45.47 1.47 -0.75	47.74 1.46 -0.78	49.65 1.15 -0.46	56.78 0.95 0.01	65.57 0.78 0.01	72.70 0.57 0.01	73.47 0.73 0.01	65.34 0.39 0.01	57.07 0.29 0.01	49.64 0.97 0.00	45.49 1.24 -0.01
NYPA__ASTORIA_CC1 323568	41.71 1.49 -0.01	36.83 1.38 -0.01	34.44 1.19 -0.01	32.07 1.11 -0.01	32.95 1.08 -0.01	33.43 1.13 -0.01	33.23 1.19 0.00	33.30 1.06 0.00	31.36 0.97 0.00	31.36 1.21 0.00	34.22 1.38 0.00	38.61 1.40 -0.28	42.00 1.52 -0.52	45.38 1.38 -0.75	47.61 1.32 -0.78	49.51 1.01 -0.46	56.55 0.72 0.01	65.31 0.52 0.01	72.42 0.29 0.01	73.26 0.51 0.01	65.08 0.13 0.01	56.90 0.11 0.01	49.54 0.88 0.00	45.45 1.20 -0.01
NYPA__ASTORIA_CC2 323569	41.71 1.49 -0.01	36.83 1.38 -0.01	34.44 1.19 -0.01	32.07 1.11 -0.01	32.95 1.08 -0.01	33.43 1.13 -0.01	33.23 1.19 0.00	33.30 1.06 0.00	31.36 0.97 0.00	31.36 1.21 0.00	34.22 1.38 0.00	38.61 1.40 -0.28	42.00 1.52 -0.52	45.38 1.38 -0.75	47.61 1.32 -0.78	49.51 1.01 -0.46	56.55 0.72 0.01	65.31 0.52 0.01	72.42 0.29 0.01	73.26 0.51 0.01	65.08 0.13 0.01	56.90 0.11 0.01	49.54 0.88 0.00	45.45 1.20 -0.01
NYPA__HOLTSVILL 23794	42.07 1.85 0.00	36.89 1.45 0.00	34.34 1.10 0.00	31.85 0.90 0.00	32.72 0.86 0.00	33.07 0.77 0.00	32.65 0.61 0.00	32.89 0.64 0.00	31.21 0.82 0.00	31.36 1.21 0.00	34.81 1.97 0.00	39.36 2.14 -0.29	42.81 2.32 -0.53	44.73 0.73 -0.75	46.06 -0.23 -0.78	48.64 0.14 -0.45	55.83 0.00 0.01	64.47 -0.32 0.01	71.47 -0.65 0.02	66.59 -0.43 5.73	48.36 -0.71 15.88	47.56 -0.68 8.56	46.58 -0.44 1.64	43.94 -0.31 0.00
NYPA____HELLGATE_GT1 24158	41.87 1.65 -0.01	36.93 1.49 -0.01	34.54 1.30 -0.01	32.14 1.18 -0.01	33.05 1.18 -0.01	33.59 1.29 -0.01	33.36 1.31 0.00	33.34 1.10 0.00	31.23 0.85 0.01	31.26 1.12 0.01	34.12 1.28 0.01	38.49 1.29 -0.27	41.87 1.40 -0.51	45.20 1.21 -0.75	47.46 1.18 -0.77	49.36 0.87 -0.45	56.44 0.62 0.01	65.31 0.52 0.01	72.42 0.29 0.01	73.18 0.44 0.01	65.08 0.13 0.01	56.90 0.11 0.01	49.59 0.92 0.00	45.45 1.20 -0.01
NYPA____HELLGATE_GT2 24159	41.87 1.65 -0.01	36.93 1.49 -0.01	34.54 1.30 -0.01	32.14 1.18 -0.01	33.05 1.18 -0.01	33.59 1.29 -0.01	33.36 1.31 0.00	33.34 1.10 0.00	31.23 0.85 0.01	31.26 1.12 0.01	34.12 1.28 0.01	38.49 1.29 -0.27	41.87 1.40 -0.51	45.20 1.21 -0.75	47.46 1.18 -0.77	49.36 0.87 -0.45	56.44 0.62 0.01	65.31 0.52 0.01	72.42 0.29 0.01	73.18 0.44 0.01	65.08 0.13 0.01	56.90 0.11 0.01	49.59 0.92 0.00	45.45 1.20 -0.01
NYS_BARGE__HYD 23848	41.30 1.09 0.00	35.76 0.32 0.00	33.71 0.47 0.00	31.17 0.22 0.00	31.70 -0.16 0.00	31.94 -0.35 0.00	31.76 -0.29 0.00	33.14 0.90 0.00	31.82 1.43 0.00	31.87 1.72 0.00	34.45 1.61 0.00	39.55 2.62 0.00	43.16 3.20 0.00	47.01 3.72 -0.05	49.37 3.82 -0.05	52.17 4.08 -0.05	60.63 4.74 -0.05	69.87 5.06 -0.01	77.11 4.97 0.00	77.12 4.36 0.00	69.11 4.16 0.00	58.95 2.16 0.00	51.19 2.53 0.00	46.86 2.61 0.00
OAK ORCHARD__HYD 24046	40.90 0.68 0.00	35.69 0.25 0.00	33.47 0.23 0.00	31.01 0.06 0.00	31.76 -0.10 0.00	32.13 -0.16 0.00	31.92 -0.13 0.00	32.66 0.42 0.00	31.21 0.82 0.00	31.09 0.94 0.00	33.83 0.98 0.00	38.55 1.62 0.00	42.08 2.12 0.00	45.74 2.51 0.01	48.04 2.55 0.01	50.87 2.83 0.01	59.18 3.35 0.01	68.75 3.95 0.00	76.32 4.18 0.00	76.60 3.85 0.00	68.46 3.51 0.00	59.01 2.21 0.00	50.75 2.09 0.00	45.97 1.72 0.00

OAKDALE___35_KV_LOAD 356122	40.42 0.20 0.00	35.44 0.00 0.00	33.21 -0.03 0.00	30.83 -0.12 0.00	31.73 -0.13 0.00	32.20 -0.10 0.00	32.04 0.00 0.00	32.37 0.13 0.00	30.66 0.27 0.00	30.39 0.24 0.00	33.11 0.26 0.00	37.45 0.52 0.00	40.68 0.72 0.00	44.33 1.08 -0.01	46.78 1.27 -0.01	49.49 1.44 -0.01	57.52 1.68 -0.01	66.16 1.36 0.00	73.58 1.44 0.00	74.35 1.60 0.00	66.19 1.23 0.00	57.54 0.74 0.00	49.34 0.68 0.00	44.82 0.58 0.00
OCC_CHEM___DRP 24175	40.30 0.08 0.00	34.91 -0.53 0.00	32.77 -0.47 0.00	30.08 -0.87 0.00	30.78 -1.08 0.00	31.16 -1.13 0.00	31.21 -0.83 0.00	32.69 0.45 0.00	31.63 1.25 0.00	31.18 1.03 0.00	33.83 0.99 0.00	38.85 1.92 0.00	42.56 2.60 0.00	46.22 2.94 -0.04	48.59 3.05 -0.04	51.25 3.17 -0.04	59.50 3.63 -0.04	68.57 3.76 -0.01	75.53 3.39 0.00	75.44 2.69 0.00	67.29 2.34 0.00	57.76 0.97 0.00	50.17 1.51 0.00	46.15 1.90 0.00
OH_GEN_PROXY 24063	40.58 0.36 0.00	35.19 -0.25 0.00	33.14 -0.10 0.00	30.70 -0.25 0.00	31.22 -0.64 0.00	31.45 -0.84 0.00	31.50 -0.54 0.00	32.56 0.32 0.00	31.48 1.09 0.00	31.33 1.17 0.00	33.99 1.15 0.00	39.00 2.07 0.00	42.71 2.76 0.00	46.48 3.20 -0.03	48.77 3.23 -0.03	51.49 3.41 -0.03	59.83 3.96 -0.03	68.89 4.08 -0.01	75.96 3.82 0.00	75.95 3.20 0.00	68.01 3.05 0.00	58.16 1.36 0.00	50.51 1.85 0.00	46.11 1.86 0.00
OLIN_CORP_DRP 24177	40.86 0.64 0.00	35.40 -0.04 0.00	33.27 0.03 0.00	30.52 -0.43 0.00	31.22 -0.64 0.00	31.65 -0.65 0.00	31.66 -0.38 0.00	32.53 0.29 0.00	31.45 1.06 0.00	31.60 1.45 0.00	34.09 1.25 0.00	39.07 2.14 0.00	42.76 2.80 0.00	46.48 3.20 -0.04	48.86 3.32 -0.04	51.54 3.46 -0.04	59.89 4.02 -0.04	69.02 4.21 -0.01	76.10 3.97 0.00	76.03 3.27 0.00	67.81 2.86 0.00	58.16 1.36 0.00	50.46 1.80 0.00	46.06 1.81 0.00
OLIN_CORP_DSASP 323712	40.30 0.08 0.00	34.91 -0.53 0.00	32.91 -0.33 0.00	30.45 -0.50 0.00	30.94 -0.92 0.00	31.16 -1.13 0.00	31.53 -0.51 0.00	32.34 0.10 0.00	31.63 1.25 0.00	31.18 1.03 0.00	33.83 0.98 0.00	38.85 1.92 0.00	42.56 2.60 0.00	46.26 2.98 -0.04	48.45 2.91 -0.04	51.20 3.12 -0.04	59.50 3.63 -0.04	68.57 3.76 -0.01	75.60 3.46 0.00	75.52 2.76 0.00	67.68 2.73 0.00	57.76 0.96 0.00	50.27 1.60 0.00	45.84 1.59 0.00
ONEIDA_HERK_LFGE 323681	40.98 0.76 0.00	35.97 0.53 0.00	33.67 0.43 0.00	31.29 0.34 0.00	32.21 0.35 0.00	32.71 0.42 0.00	32.46 0.42 0.00	32.63 0.39 0.00	30.81 0.43 0.00	30.42 0.27 0.00	33.14 0.29 0.00	37.41 0.48 0.00	40.32 0.36 0.00	43.89 0.65 0.00	46.23 0.73 0.00	49.00 0.96 0.00	57.01 1.17 0.00	66.16 1.36 0.00	74.30 2.16 0.00	75.23 2.47 0.00	67.40 2.40 -0.04	59.68 2.10 -0.78	51.80 1.56 -1.58	47.31 1.06 -2.01
ONEIDA___115KV_TB4 55905	41.10 0.88 0.00	36.08 0.64 0.00	33.77 0.53 0.00	31.38 0.43 0.00	32.34 0.48 0.00	32.81 0.52 0.00	32.56 0.51 0.00	32.76 0.52 0.00	30.90 0.52 0.00	30.51 0.36 0.00	33.21 0.36 0.00	37.45 0.52 0.00	40.52 0.56 0.00	44.11 0.86 0.00	46.41 0.91 0.00	49.29 1.25 0.00	57.40 1.56 0.00	66.55 1.75 0.00	74.66 2.52 0.00	75.59 2.84 0.00	67.57 2.60 -0.02	59.28 2.16 -0.33	50.99 1.65 -0.67	46.25 1.15 -0.85
ONONDAGA_REF_OCCRA 23987	39.98 -0.24 0.00	35.12 -0.32 0.00	32.91 -0.33 0.00	30.55 -0.40 0.00	31.45 -0.41 0.00	31.91 -0.39 0.00	31.66 -0.38 0.00	31.95 -0.29 0.00	30.21 -0.18 0.00	29.97 -0.18 0.00	32.65 -0.20 0.00	36.78 -0.15 0.00	39.88 -0.08 0.00	43.29 0.04 0.00	45.64 0.14 0.00	48.28 0.24 0.00	56.23 0.39 0.00	65.25 0.45 0.00	72.78 0.65 0.00	73.41 0.65 0.00	65.47 0.52 0.00	56.97 0.17 0.00	48.76 0.10 0.00	44.20 -0.04 0.00
ONONDAGA___COGEN 23986	40.06 -0.16 0.00	35.15 -0.28 0.00	32.97 -0.27 0.00	30.58 -0.37 0.00	31.48 -0.38 0.00	31.94 -0.36 0.00	31.72 -0.32 0.00	32.02 -0.23 0.00	30.27 -0.12 0.00	30.03 -0.12 0.00	32.68 -0.16 0.00	36.89 -0.04 0.00	40.00 0.04 0.00	43.42 0.17 0.00	45.78 0.27 0.00	48.43 0.38 0.00	56.34 0.50 0.00	65.45 0.65 0.00	72.93 0.79 0.00	73.55 0.80 0.00	65.60 0.65 0.00	57.14 0.34 0.00	48.91 0.24 0.00	44.29 0.04 0.00
ONTARIO___LFGE 23819	40.98 0.76 0.00	35.76 0.32 0.00	33.54 0.30 0.00	31.08 0.12 0.00	31.86 0.00 0.00	32.32 0.03 0.00	32.21 0.16 0.00	32.69 0.45 0.00	31.03 0.64 0.00	30.79 0.63 0.00	33.50 0.66 0.00	38.08 1.15 0.00	41.48 1.52 0.00	45.28 2.03 0.00	47.96 2.46 0.00	50.49 2.45 0.00	58.74 2.90 0.00	68.04 3.24 0.00	75.96 3.82 0.00	76.68 3.93 0.00	68.39 3.44 0.00	59.01 2.21 0.00	50.61 1.95 0.00	45.93 1.68 0.00
ORANGEVILLE_WT_PWR 323706	41.10 0.88 0.00	35.54 0.11 0.00	33.41 0.17 0.00	30.89 -0.06 0.00	31.48 -0.38 0.00	31.84 -0.45 0.00	31.85 -0.19 0.00	32.76 0.51 0.00	31.39 1.00 0.00	31.30 1.15 0.00	33.99 1.15 0.00	39.03 2.10 0.00	42.76 2.80 0.00	46.73 3.46 -0.03	49.39 3.87 -0.03	52.15 4.08 -0.03	60.49 4.63 -0.03	69.48 4.67 -0.01	76.97 4.83 0.00	77.48 4.73 0.00	69.43 4.48 0.00	59.36 2.56 0.00	51.34 2.67 0.00	46.68 2.43 0.00
ORANGEVILLE___ESR 323794	41.10 0.88 0.00	35.54 0.11 0.00	33.41 0.17 0.00	30.89 -0.06 0.00	31.48 -0.38 0.00	31.84 -0.45 0.00	31.85 -0.19 0.00	32.76 0.51 0.00	31.39 1.00 0.00	31.30 1.15 0.00	33.99 1.15 0.00	39.03 2.10 0.00	42.76 2.80 0.00	46.73 3.46 -0.03	49.39 3.87 -0.03	52.15 4.08 -0.03	60.49 4.63 -0.03	69.48 4.67 -0.01	76.97 4.83 0.00	77.48 4.73 0.00	69.43 4.48 0.00	59.36 2.56 0.00	51.34 2.67 0.00	46.68 2.43 0.00
OSWEGATCHIE___HYD 24044	41.42 1.21 0.00	36.32 0.89 0.00	33.94 0.70 0.00	31.54 0.59 0.00	32.37 0.51 0.00	32.87 0.58 0.00	32.62 0.58 0.00	32.73 0.48 0.00	30.90 0.52 0.00	30.57 0.42 0.00	33.34 0.49 0.00	37.59 0.67 0.00	40.44 0.48 0.00	44.02 0.78 0.00	46.37 0.86 0.00	49.00 0.96 0.00	56.95 1.12 0.00	66.10 1.30 0.00	73.94 1.80 0.00	75.08 2.33 0.00	67.50 2.33 -0.21	63.24 2.50 -3.95	58.56 1.90 -8.00	55.86 1.46 -10.15
OSWEGO___5 23606	39.37 -0.85 0.00	34.59 -0.85 0.00	32.44 -0.80 0.00	30.18 -0.77 0.00	31.03 -0.83 0.00	31.45 -0.84 0.00	31.25 -0.80 0.00	31.50 -0.74 0.00	29.78 -0.61 0.00	29.55 -0.60 0.00	32.15 -0.69 0.00	36.27 -0.66 0.00	39.32 -0.64 0.00	42.64 -0.61 0.00	44.87 -0.64 0.00	47.42 -0.63 0.00	55.17 -0.67 0.00	64.03 -0.77 0.00	71.34 -0.79 0.00	71.88 -0.87 0.00	64.24 -0.71 0.00	55.95 -0.85 0.00	47.94 -0.73 0.00	43.50 -0.75 0.00
OSWEGO___6 23613	39.37 -0.85 0.00	34.59 -0.85 0.00	32.44 -0.80 0.00	30.18 -0.77 0.00	31.03 -0.83 0.00	31.45 -0.84 0.00	31.25 -0.80 0.00	31.50 -0.74 0.00	29.78 -0.61 0.00	29.55 -0.60 0.00	32.15 -0.69 0.00	36.27 -0.66 0.00	39.32 -0.64 0.00	42.64 -0.61 0.00	44.87 -0.64 0.00	47.42 -0.63 0.00	55.17 -0.67 0.00	64.03 -0.77 0.00	71.34 -0.79 0.00	71.88 -0.87 0.00	64.24 -0.71 0.00	55.95 -0.85 0.00	47.94 -0.73 0.00	43.50 -0.75 0.00

OUTOKUMPU-AB___DRP 24206	41.42 1.21 0.00	35.83 0.39 0.00	33.67 0.43 0.00	30.86 -0.09 0.00	31.57 -0.29 0.00	32.00 -0.29 0.00	32.04 0.00 0.00	33.31 1.06 0.00	32.21 1.82 0.00	32.05 1.90 0.00	34.78 1.94 0.00	39.99 3.07 0.00	43.80 3.84 0.00	47.74 4.45 -0.04	50.23 4.69 -0.04	53.08 5.00 -0.04	61.63 5.75 -0.04	70.97 6.16 -0.01	78.27 6.13 0.00	78.14 5.38 0.00	69.70 4.74 0.00	59.69 2.90 0.00	51.68 3.02 0.00	47.21 2.96 0.00
OXBOW___BTM 323836	40.94 0.72 0.00	35.44 0.00 0.00	33.41 0.17 0.00	30.89 -0.06 0.00	31.38 -0.48 0.00	31.61 -0.68 0.00	31.89 -0.16 0.00	32.85 0.61 0.00	32.00 1.61 0.00	31.69 1.54 0.00	34.36 1.51 0.00	39.55 2.62 0.00	43.27 3.31 0.00	47.17 3.89 -0.04	49.45 3.91 -0.04	52.31 4.23 -0.04	60.79 4.91 -0.04	70.00 5.19 -0.01	77.18 5.05 0.00	77.04 4.29 0.00	69.05 4.09 0.00	58.90 2.10 0.00	51.19 2.53 0.00	46.64 2.39 0.00
OXBOW___ 24026	40.94 0.72 0.00	35.44 0.00 0.00	33.27 0.03 0.00	30.52 -0.43 0.00	31.22 -0.64 0.00	31.61 -0.68 0.00	31.66 -0.38 0.00	33.08 0.84 0.00	32.00 1.61 0.00	31.69 1.54 0.00	34.39 1.54 0.00	39.55 2.62 0.00	43.28 3.32 0.00	47.13 3.85 -0.04	49.54 4.00 -0.04	52.31 4.23 -0.04	60.79 4.91 -0.04	69.99 5.18 -0.01	77.18 5.05 0.00	77.04 4.29 0.00	68.72 3.77 0.00	58.90 2.10 0.00	51.05 2.38 0.00	46.81 2.57 0.00
OXY_CHEM_DSASP 323612	40.30 0.08 0.00	34.91 -0.53 0.00	32.77 -0.47 0.00	30.08 -0.87 0.00	30.78 -1.08 0.00	31.16 -1.13 0.00	31.21 -0.83 0.00	32.69 0.45 0.00	31.63 1.25 0.00	31.18 1.03 0.00	33.83 0.99 0.00	38.85 1.92 0.00	42.56 2.60 0.00	46.22 2.94 -0.04	48.59 3.05 -0.04	51.25 3.17 -0.04	59.50 3.63 -0.04	68.57 3.76 -0.01	75.53 3.39 0.00	75.44 2.69 0.00	67.29 2.34 0.00	57.76 0.97 0.00	50.17 1.51 0.00	46.15 1.90 0.00
OZONE_PARK_ESR 323760	41.91 1.69 0.00	36.96 1.52 0.00	34.57 1.33 0.00	32.22 1.27 0.00	33.07 1.21 0.00	33.52 1.23 0.00	33.42 1.38 0.00	33.69 1.45 0.00	31.82 1.43 0.00	31.75 1.60 0.00	34.62 1.77 0.00	39.13 1.92 -0.28	42.60 2.12 -0.52	46.16 2.16 -0.75	48.38 2.09 -0.78	50.47 1.97 -0.46	57.79 1.95 0.00	66.74 1.94 0.00	73.94 1.80 0.00	74.72 1.96 0.00	66.32 1.36 0.00	57.99 1.19 0.00	50.22 1.56 0.00	45.88 1.64 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	40.30 0.08 0.00	34.91 -0.53 0.00	32.77 -0.47 0.00	30.08 -0.87 0.00	30.78 -1.08 0.00	31.16 -1.13 0.00	31.21 -0.83 0.00	32.69 0.45 0.00	31.63 1.25 0.00	31.18 1.03 0.00	33.83 0.99 0.00	38.85 1.92 0.00	42.56 2.60 0.00	46.22 2.94 -0.04	48.59 3.05 -0.04	51.25 3.17 -0.04	59.50 3.63 -0.04	68.57 3.76 -0.01	75.53 3.39 0.00	75.44 2.69 0.00	67.29 2.34 0.00	57.76 0.97 0.00	50.17 1.51 0.00	46.15 1.90 0.00
PACKARD___115KV_DUPONT_184 80571	40.30 0.08 0.00	34.91 -0.53 0.00	32.77 -0.47 0.00	30.08 -0.87 0.00	30.78 -1.08 0.00	31.16 -1.13 0.00	31.21 -0.83 0.00	32.69 0.45 0.00	31.63 1.25 0.00	31.18 1.03 0.00	33.83 0.99 0.00	38.85 1.92 0.00	42.56 2.60 0.00	46.22 2.94 -0.04	48.59 3.05 -0.04	51.25 3.17 -0.04	59.50 3.63 -0.04	68.57 3.76 -0.01	75.53 3.39 0.00	75.44 2.69 0.00	67.29 2.34 0.00	57.76 0.97 0.00	50.17 1.51 0.00	46.15 1.90 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	41.87 1.65 0.00	36.89 1.45 0.00	34.54 1.30 0.00	32.19 1.24 0.00	33.07 1.21 0.00	33.55 1.26 0.00	33.29 1.25 0.00	33.27 1.03 0.00	31.21 0.82 0.00	31.24 1.09 0.00	34.09 1.25 0.00	38.46 1.26 -0.28	41.84 1.36 -0.52	45.30 1.30 -0.75	47.51 1.23 -0.78	49.32 0.82 -0.46	56.39 0.56 0.00	65.38 0.58 0.00	72.42 0.29 0.00	73.26 0.51 0.00	65.02 0.06 0.00	56.91 0.11 0.00	49.69 1.02 0.00	45.71 1.46 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	42.35 2.13 0.00	37.35 1.91 0.00	34.97 1.73 0.00	32.59 1.64 0.00	33.48 1.62 0.00	34.00 1.71 0.00	33.74 1.70 0.00	33.72 1.48 0.00	31.63 1.25 0.00	31.66 1.51 0.00	34.52 1.68 0.00	38.98 1.77 -0.28	42.40 1.92 -0.52	45.94 1.95 -0.75	48.24 1.96 -0.78	50.04 1.54 -0.46	57.34 1.51 0.00	66.48 1.68 0.00	73.72 1.59 0.00	74.57 1.82 0.00	66.19 1.23 0.00	57.88 1.08 0.00	50.51 1.85 0.00	46.42 2.17 0.00
PATROON___115KV_TB1 80586	40.34 0.12 0.00	35.76 0.32 0.00	33.61 0.37 0.00	31.38 0.43 0.00	32.34 0.48 0.00	32.74 0.45 0.00	32.49 0.45 0.00	32.50 0.26 0.00	30.51 0.12 0.00	30.15 0.00 0.00	32.84 0.00 0.00	36.50 -0.18 0.25	39.14 -0.36 0.46	41.93 -0.65 0.67	44.26 -0.55 0.69	46.97 -0.67 0.40	55.11 -0.73 0.00	64.22 -0.58 0.00	71.70 -0.43 0.00	72.17 -0.58 0.00	64.24 -0.71 0.00	56.29 -0.51 0.00	48.23 -0.44 0.00	43.89 -0.35 0.00
PATTRSNVILLE___SOLAR 323815	41.42 1.21 0.00	36.54 1.10 0.00	34.27 1.03 0.00	31.91 0.96 0.00	32.88 1.02 0.00	33.36 1.06 0.00	33.10 1.06 0.00	33.05 0.81 0.00	30.81 0.43 0.00	30.33 0.18 0.00	32.84 0.00 0.00	36.58 -0.15 0.20	39.38 -0.20 0.38	42.48 -0.22 0.55	44.75 -0.18 0.57	47.66 -0.05 0.33	56.12 0.28 0.00	65.71 0.91 0.00	73.94 1.80 0.00	75.08 2.33 0.00	67.09 2.14 0.00	58.61 1.82 0.00	50.12 1.46 0.00	45.57 1.33 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	42.11 1.89 0.00	36.39 0.96 0.00	34.17 0.93 0.00	31.29 0.34 0.00	32.02 0.16 0.00	32.49 0.19 0.00	32.56 0.51 0.00	33.69 1.45 0.00	32.61 2.22 0.00	32.59 2.44 0.00	35.41 2.56 0.00	40.81 3.88 0.00	44.71 4.76 0.00	48.90 5.62 -0.03	51.54 6.01 -0.03	54.56 6.49 -0.03	63.41 7.54 -0.03	72.84 8.04 -0.01	80.43 8.30 0.00	80.25 7.49 0.00	71.58 6.63 0.00	61.17 4.37 0.00	52.90 4.23 0.00	48.05 3.81 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	41.46 1.25 0.00	36.64 1.20 0.00	34.30 1.06 0.00	32.00 1.05 0.00	32.91 1.05 0.00	33.36 1.07 0.00	33.17 1.12 0.00	33.34 1.10 0.00	31.39 1.00 0.00	31.18 1.03 0.00	34.09 1.25 0.00	38.47 1.29 -0.25	41.90 1.48 -0.46	45.46 1.56 -0.66	47.78 1.59 -0.69	49.93 1.49 -0.40	57.51 1.68 0.00	66.87 2.07 0.00	74.16 2.02 0.00	74.93 2.18 0.00	66.45 1.49 0.00	58.05 1.25 0.00	49.93 1.27 0.00	45.49 1.24 0.00
PEEKSKILL___ 23653	41.18 0.96 0.00	36.36 0.92 0.00	34.04 0.80 0.00	31.69 0.74 0.00	32.59 0.73 0.00	33.07 0.77 0.00	32.94 0.90 0.00	33.14 0.90 0.00	31.24 0.85 0.00	31.09 0.94 0.00	33.96 1.12 0.00	38.31 1.11 -0.27	41.71 1.24 -0.51	45.07 1.08 -0.74	47.27 1.00 -0.77	49.45 0.96 -0.45	56.73 0.89 0.00	65.64 0.84 0.00	72.86 0.72 0.00	73.69 0.94 0.00	65.47 0.52 0.00	57.20 0.40 0.00	49.29 0.63 0.00	44.87 0.62 0.00
PGE MADISON___WINDPWR 24146	42.83 2.61 0.00	37.46 2.02 0.00	35.03 1.79 0.00	32.56 1.61 0.00	33.52 1.66 0.00	34.10 1.81 0.00	34.03 1.99 0.00	34.34 2.09 0.00	32.39 2.01 0.00	31.69 1.54 0.00	34.36 1.51 0.00	38.92 1.99 0.00	42.12 2.16 0.00	46.31 3.07 0.00	49.10 3.59 0.00	52.27 4.23 0.00	61.03 5.19 0.00	70.50 5.70 0.00	79.78 7.64 0.00	81.11 8.36 0.00	72.55 7.60 0.00	62.93 6.14 0.00	53.58 4.91 0.00	47.96 3.72 0.00

PIERCEFIELD___HYD 23852	41.75 1.53 0.00	36.71 1.28 0.00	34.37 1.13 0.00	31.94 0.99 0.00	32.75 0.89 0.00	33.20 0.90 0.00	33.01 0.96 0.00	33.08 0.84 0.00	31.18 0.79 0.00	30.97 0.81 0.00	33.83 0.99 0.00	38.00 1.07 0.00	40.96 1.00 0.00	44.41 1.17 0.00	46.64 1.14 0.00	49.34 1.30 0.00	57.29 1.45 0.00	66.36 1.56 0.00	73.58 1.44 0.00	74.42 1.67 0.00	67.54 2.27 -0.31	64.84 2.22 -5.83	62.28 1.80 -11.82	60.83 1.59 -14.99
PINELAWN_CC_1 323563	42.19 1.97 0.00	37.03 1.60 0.00	34.47 1.23 0.00	31.97 1.02 0.00	32.81 0.95 0.00	33.20 0.90 0.00	32.81 0.77 0.00	33.08 0.84 0.00	31.33 0.94 0.00	31.48 1.33 0.00	34.88 2.04 0.00	39.43 2.22 -0.29	42.85 2.36 -0.53	44.99 1.00 -0.75	46.42 0.14 -0.78	48.49 0.00 -0.45	55.61 -0.22 0.01	64.08 -0.71 0.01	71.04 -1.08 0.01	66.66 -1.02 5.07	49.99 -0.91 14.06	48.42 -0.80 7.58	47.21 0.00 1.45	44.29 0.04 0.00
PJM_GEN_HTTP_PROXY 323702	41.47 1.25 0.00	36.61 1.17 0.00	34.24 1.00 0.00	31.88 0.93 0.00	32.75 0.89 0.00	33.23 0.94 0.00	33.10 1.06 0.00	33.37 1.13 0.00	31.51 1.13 0.00	31.42 1.27 0.00	34.26 1.41 0.00	38.69 1.48 -0.28	42.12 1.64 -0.52	45.51 1.51 -0.75	47.70 1.41 -0.78	49.89 1.39 -0.46	57.06 1.23 0.00	65.90 1.10 0.00	73.07 0.94 0.00	73.84 1.09 0.00	65.67 0.72 0.00	57.37 0.57 0.00	49.59 0.92 0.00	45.18 0.93 0.00
PJM_GEN_KEystone 24065	40.46 0.24 0.00	35.51 0.07 0.00	33.24 0.00 0.00	30.92 -0.03 0.00	31.67 -0.19 0.00	32.10 -0.19 0.00	32.08 0.03 0.00	32.50 0.26 0.00	30.90 0.52 0.00	30.79 0.63 0.00	33.50 0.66 0.00	38.08 1.00 -0.15	41.52 1.28 -0.28	45.21 1.55 -0.41	47.84 1.91 -0.43	50.22 1.92 -0.25	57.80 1.95 -0.01	66.17 1.36 0.00	73.29 1.15 0.00	73.91 1.16 0.00	65.80 0.84 0.00	57.03 0.23 0.00	49.20 0.54 0.00	44.82 0.57 0.00
PJM_GEN_NEPTUNE_PROXY 323594	41.66 1.45 0.00	36.61 1.17 0.00	34.10 0.86 0.00	31.66 0.71 0.00	32.53 0.67 0.00	32.94 0.65 0.00	32.59 0.54 0.00	32.82 0.58 0.00	31.09 0.70 0.00	31.18 1.03 0.00	34.52 1.67 0.00	38.99 1.77 -0.29	42.41 1.92 -0.53	44.69 0.69 -0.75	46.24 -0.05 -0.78	48.68 0.19 -0.45	55.83 0.00 0.01	64.53 -0.26 0.01	71.62 -0.50 0.02	66.16 -0.43 6.16	47.22 -0.65 17.09	46.96 -0.62 9.21	46.56 -0.34 1.76	43.98 -0.26 0.00
PJM_GEN_VFT_PROXY 323633	41.30 1.09 0.00	36.43 0.99 0.00	34.07 0.83 0.00	31.73 0.77 0.00	32.59 0.73 0.00	33.07 0.77 0.00	33.01 0.96 0.00	33.27 1.03 0.00	31.42 1.03 0.00	31.33 1.17 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.38 1.38 -0.75	47.56 1.27 -0.78	49.70 1.20 -0.46	56.78 0.95 0.00	65.45 0.65 0.00	72.57 0.44 0.00	73.33 0.58 0.00	65.15 0.20 0.00	56.97 0.17 0.00	49.34 0.68 0.00	44.95 0.71 0.00
PLATSBURG_115KV_PMLD1 355749	41.58 1.37 0.00	36.61 1.17 0.00	34.30 1.06 0.00	31.91 0.96 0.00	32.82 0.96 0.00	33.26 0.97 0.00	33.07 1.03 0.00	33.24 1.00 0.00	31.36 0.97 0.00	31.21 1.06 0.00	34.06 1.22 0.00	38.26 1.33 0.00	41.32 1.36 0.00	44.76 1.51 0.00	46.50 1.00 0.00	48.91 0.86 0.00	56.84 1.01 0.00	65.90 1.10 0.00	73.22 1.08 0.00	73.84 1.09 0.00	66.28 1.30 -0.02	58.52 1.31 -0.41	50.48 0.97 -0.84	46.20 0.88 -1.06
PLEASANTVLY___LBMP 24000	40.94 0.72 0.00	36.18 0.74 0.00	33.94 0.70 0.00	31.66 0.71 0.00	32.56 0.70 0.00	32.97 0.68 0.00	32.78 0.74 0.00	32.98 0.74 0.00	31.06 0.67 0.00	30.85 0.69 0.00	33.67 0.82 0.00	38.02 0.78 -0.31	41.39 0.84 -0.59	44.83 0.74 -0.85	47.06 0.68 -0.88	49.13 0.58 -0.51	56.28 0.45 0.00	65.32 0.52 0.00	72.50 0.36 0.00	73.26 0.51 0.00	65.08 0.13 0.00	57.02 0.23 0.00	49.10 0.44 0.00	44.82 0.58 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	41.30 1.09 0.00	36.47 1.03 0.00	34.17 0.93 0.00	31.85 0.90 0.00	32.72 0.86 0.00	33.16 0.87 0.00	33.01 0.96 0.00	33.24 1.00 0.00	31.33 0.94 0.00	31.18 1.03 0.00	34.06 1.22 0.00	38.47 1.26 -0.28	41.85 1.36 -0.53	45.35 1.34 -0.76	47.57 1.27 -0.79	49.66 1.15 -0.46	56.95 1.12 0.00	65.90 1.10 0.00	73.15 1.01 0.00	73.92 1.16 0.00	65.60 0.65 0.00	57.42 0.62 0.00	49.54 0.88 0.00	45.22 0.97 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	41.30 1.09 0.00	36.47 1.03 0.00	34.17 0.93 0.00	31.85 0.90 0.00	32.72 0.86 0.00	33.16 0.87 0.00	33.01 0.96 0.00	33.24 1.00 0.00	31.33 0.94 0.00	31.18 1.03 0.00	34.06 1.22 0.00	38.47 1.26 -0.28	41.85 1.36 -0.53	45.35 1.34 -0.76	47.57 1.27 -0.79	49.66 1.15 -0.46	56.95 1.12 0.00	65.90 1.10 0.00	73.15 1.01 0.00	73.92 1.16 0.00	65.60 0.65 0.00	57.42 0.62 0.00	49.54 0.88 0.00	45.22 0.97 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	41.22 1.01 0.00	36.43 0.99 0.00	34.10 0.86 0.00	31.82 0.87 0.00	32.72 0.86 0.00	33.16 0.87 0.00	32.97 0.93 0.00	33.14 0.90 0.00	31.18 0.79 0.00	30.94 0.78 0.00	33.76 0.92 0.00	37.82 0.89 0.00	40.96 1.00 0.00	44.24 0.99 0.00	46.55 1.05 0.00	49.05 1.01 0.00	56.95 1.12 0.00	66.23 1.43 0.00	73.51 1.37 0.00	74.35 1.60 0.00	65.99 1.04 0.00	57.65 0.85 0.00	49.64 0.97 0.00	45.22 0.97 0.00
POLETTI_____ 23519	41.50 1.29 0.00	36.61 1.17 0.00	34.27 1.03 0.00	31.94 0.99 0.00	32.78 0.92 0.00	33.23 0.94 0.00	33.10 1.06 0.00	33.37 1.13 0.00	31.48 1.09 0.00	31.39 1.24 0.00	34.26 1.41 0.00	38.63 1.44 -0.26	42.06 1.60 -0.51	45.58 1.60 -0.74	47.77 1.50 -0.77	49.83 1.35 -0.44	56.99 1.17 0.02	65.82 1.04 0.02	72.91 0.79 0.02	73.75 1.02 0.02	65.39 0.45 0.02	57.31 0.51 0.00	49.64 0.97 0.00	45.35 1.11 0.00
POMONA___ESR 323819	41.14 0.93 0.00	36.36 0.92 0.00	34.01 0.77 0.00	31.69 0.74 0.00	32.59 0.73 0.00	33.07 0.77 0.00	32.94 0.90 0.00	33.14 0.90 0.00	31.24 0.85 0.00	31.09 0.94 0.00	33.96 1.12 0.00	38.30 1.11 -0.26	41.61 1.16 -0.49	44.98 1.04 -0.70	47.23 1.00 -0.73	49.43 0.96 -0.43	56.78 0.95 0.00	65.71 0.91 0.00	72.93 0.79 0.00	73.69 0.94 0.00	65.54 0.58 0.00	57.20 0.40 0.00	49.25 0.59 0.00	44.87 0.62 0.00
PORT_JEFF_3 23555	42.15 1.93 0.00	36.96 1.52 0.00	34.43 1.19 0.00	31.91 0.96 0.00	32.78 0.92 0.00	33.13 0.84 0.00	32.69 0.64 0.00	32.95 0.71 0.00	31.27 0.88 0.00	31.42 1.27 0.00	34.91 2.07 0.00	39.47 2.25 -0.29	42.93 2.44 -0.53	44.91 0.91 -0.75	46.24 -0.05 -0.78	48.87 0.38 -0.45	56.11 0.28 0.01	64.66 -0.13 0.01	71.69 -0.43 0.02	66.89 -0.15 5.72	48.70 -0.39 15.86	47.79 -0.46 8.55	46.78 -0.24 1.64	44.07 -0.18 0.00
PORT_JEFF_4 23616	42.15 1.93 0.00	36.96 1.52 0.00	34.43 1.19 0.00	31.91 0.96 0.00	32.78 0.92 0.00	33.13 0.84 0.00	32.69 0.64 0.00	32.95 0.71 0.00	31.27 0.88 0.00	31.42 1.27 0.00	34.91 2.07 0.00	39.47 2.25 -0.29	42.93 2.44 -0.53	44.91 0.91 -0.75	46.24 -0.05 -0.78	48.87 0.38 -0.45	56.11 0.28 0.01	64.66 -0.13 0.01	71.69 -0.43 0.02	66.89 -0.15 5.72	48.70 -0.39 15.86	47.79 -0.46 8.55	46.78 -0.24 1.64	44.07 -0.18 0.00

PORT_JEFF_IC 23713	42.19 1.97 0.00	37.00 1.56 0.00	34.47 1.23 0.00	32.00 1.05 0.00	32.82 0.96 0.00	33.16 0.87 0.00	32.69 0.64 0.00	32.95 0.71 0.00	31.27 0.88 0.00	31.45 1.30 0.00	34.95 2.10 0.00	39.54 2.33 -0.28	43.00 2.52 -0.52	45.64 1.64 -0.75	47.29 1.00 -0.78	49.02 0.53 -0.45	56.27 0.45 0.01	65.38 0.58 0.01	71.54 -0.58 0.02	67.13 0.07 5.70	48.70 -0.45 15.80	47.88 -0.40 8.52	46.84 -0.19 1.63	45.40 1.15 0.00
PPL PILGRIM_ST_GT1 24216	42.43 2.21 0.00	37.21 1.77 0.00	34.64 1.40 0.00	32.13 1.18 0.00	32.97 1.11 0.00	33.36 1.06 0.00	32.94 0.90 0.00	33.18 0.94 0.00	31.48 1.09 0.00	31.63 1.48 0.00	35.11 2.26 0.00	39.69 2.47 -0.29	43.17 2.68 -0.53	45.17 1.17 -0.75	46.47 0.18 -0.78	49.02 0.53 -0.45	56.33 0.50 0.01	65.12 0.33 0.01	72.12 0.00 0.02	67.29 0.15 5.61	49.26 -0.13 15.56	48.18 -0.23 8.39	47.06 0.00 1.61	44.38 0.13 0.00
PPL PILGRIM_ST_GT2 24217	42.43 2.21 0.00	37.21 1.77 0.00	34.64 1.40 0.00	32.13 1.18 0.00	32.97 1.11 0.00	33.36 1.06 0.00	32.94 0.90 0.00	33.18 0.94 0.00	31.48 1.09 0.00	31.63 1.48 0.00	35.11 2.26 0.00	39.69 2.47 -0.29	43.17 2.68 -0.53	45.17 1.17 -0.75	46.47 0.18 -0.78	49.02 0.53 -0.45	56.33 0.50 0.01	65.12 0.33 0.01	72.12 0.00 0.02	67.29 0.15 5.61	49.26 -0.13 15.56	48.18 -0.23 8.39	47.06 0.00 1.61	44.38 0.13 0.00
PPL_SHRM_GT3 24213	41.78 1.57 0.00	36.64 1.21 0.00	34.10 0.86 0.00	31.60 0.65 0.00	32.43 0.57 0.00	32.81 0.52 0.00	32.33 0.29 0.00	32.60 0.36 0.00	30.90 0.52 0.00	31.12 0.96 0.00	34.62 1.77 0.00	39.14 1.92 -0.29	42.53 2.04 -0.53	44.52 0.52 -0.75	45.88 -0.41 -0.78	48.59 0.10 -0.45	55.83 0.00 0.01	64.60 -0.19 0.01	71.62 -0.50 0.02	66.61 -0.43 5.71	48.41 -0.71 15.83	47.52 -0.74 8.53	46.45 -0.58 1.64	43.72 -0.53 0.00
PPL_SHRM_GT4 24214	41.78 1.57 0.00	36.64 1.21 0.00	34.10 0.86 0.00	31.60 0.65 0.00	32.43 0.57 0.00	32.81 0.52 0.00	32.33 0.29 0.00	32.60 0.36 0.00	30.90 0.52 0.00	31.12 0.96 0.00	34.62 1.77 0.00	39.14 1.92 -0.29	42.53 2.04 -0.53	44.52 0.52 -0.75	45.88 -0.41 -0.78	48.59 0.10 -0.45	55.83 0.00 0.01	64.60 -0.19 0.01	71.62 -0.50 0.02	66.61 -0.43 5.71	48.41 -0.71 15.83	47.52 -0.74 8.53	46.45 -0.58 1.64	43.72 -0.53 0.00
PROJECT___ORANGE 1 24174	39.90 -0.32 0.00	35.01 -0.43 0.00	32.81 -0.43 0.00	30.46 -0.50 0.00	31.35 -0.51 0.00	31.81 -0.48 0.00	31.56 -0.48 0.00	31.89 -0.35 0.00	30.14 -0.24 0.00	29.91 -0.24 0.00	32.58 -0.26 0.00	36.71 -0.22 0.00	39.80 -0.16 0.00	43.16 -0.09 0.00	45.50 0.00 0.00	48.09 0.05 0.00	56.00 0.17 0.00	64.99 0.19 0.00	72.50 0.36 0.00	73.04 0.29 0.00	65.15 0.19 0.00	56.74 -0.06 0.00	48.57 -0.10 0.00	44.03 -0.22 0.00
PROJECT___ORANGE 2 24166	39.90 -0.32 0.00	35.01 -0.43 0.00	32.81 -0.43 0.00	30.46 -0.50 0.00	31.35 -0.51 0.00	31.81 -0.48 0.00	31.56 -0.48 0.00	31.89 -0.35 0.00	30.14 -0.24 0.00	29.91 -0.24 0.00	32.58 -0.26 0.00	36.71 -0.22 0.00	39.80 -0.16 0.00	43.16 -0.09 0.00	45.50 0.00 0.00	48.09 0.05 0.00	56.00 0.17 0.00	64.99 0.19 0.00	72.50 0.36 0.00	73.04 0.29 0.00	65.15 0.19 0.00	56.74 -0.06 0.00	48.57 -0.10 0.00	44.03 -0.22 0.00
PUCKETT___SOLAR 323809	41.02 0.80 0.00	35.97 0.53 0.00	33.71 0.47 0.00	31.32 0.37 0.00	32.21 0.35 0.00	32.68 0.39 0.00	32.53 0.48 0.00	32.79 0.55 0.00	30.96 0.58 0.00	30.57 0.42 0.00	33.17 0.33 0.00	37.52 0.59 0.00	40.68 0.72 0.00	44.42 1.17 -0.01	47.06 1.55 -0.01	49.78 1.73 -0.01	57.96 2.12 -0.01	66.87 2.07 0.00	74.88 2.74 0.00	75.81 3.06 0.00	67.75 2.79 0.00	58.78 1.99 0.00	50.37 1.70 0.00	45.57 1.33 0.00
PYRITES___HYD 24023	42.35 2.13 0.00	37.28 1.84 0.00	34.84 1.60 0.00	32.41 1.45 0.00	33.23 1.37 0.00	33.71 1.42 0.00	33.49 1.44 0.00	33.47 1.23 0.00	31.45 1.06 0.00	31.12 0.96 0.00	33.96 1.12 0.00	38.11 1.18 0.00	41.12 1.16 0.00	44.58 1.34 0.00	46.87 1.37 0.00	49.63 1.59 0.00	57.73 1.90 0.00	67.07 2.27 0.00	74.66 2.52 0.00	75.88 3.13 0.00	68.99 3.70 -0.33	66.44 3.46 -6.18	64.01 2.82 -12.52	62.61 2.48 -15.88
QUAKERRD_115KV_BK1 80622	39.90 -0.32 0.00	34.84 -0.60 0.00	32.61 -0.63 0.00	30.15 -0.80 0.00	31.00 -0.86 0.00	31.42 -0.87 0.00	31.21 -0.83 0.00	31.85 -0.39 0.00	30.39 0.00 0.00	30.24 0.09 0.00	32.94 0.10 0.00	37.45 0.52 0.00	40.84 0.88 0.01	44.36 1.12 0.01	46.73 1.23 0.01	49.38 1.35 0.01	57.45 1.62 0.01	66.74 1.94 0.00	74.16 2.02 0.00	74.50 1.75 0.00	66.38 1.43 0.00	57.48 0.68 0.00	49.30 0.63 0.00	44.65 0.40 0.00
QUENSBRY_115KV_TB8 356137	41.83 1.61 0.00	36.89 1.45 0.00	34.54 1.30 0.00	32.16 1.21 0.00	33.17 1.31 0.00	33.65 1.36 0.00	33.39 1.35 0.00	33.37 1.13 0.00	31.21 0.82 0.00	30.72 0.57 0.00	33.11 0.26 0.00	36.77 0.11 0.27	39.42 -0.04 0.50	42.31 -0.22 0.72	44.89 0.14 0.75	47.80 0.19 0.44	56.51 0.67 0.00	66.23 1.43 0.00	75.31 3.17 0.00	76.32 3.56 0.00	68.14 3.18 0.00	59.52 2.73 0.00	50.76 2.09 0.00	46.02 1.77 0.00
RAMAPO___LBMP 323565	40.98 0.76 0.00	36.22 0.78 0.00	33.90 0.66 0.00	31.63 0.68 0.00	32.53 0.67 0.00	32.97 0.68 0.00	32.81 0.77 0.00	33.05 0.81 0.00	31.15 0.76 0.00	31.00 0.84 0.00	33.83 0.99 0.00	38.15 0.96 -0.26	41.48 1.04 -0.48	44.93 0.99 -0.69	47.13 0.91 -0.72	49.23 0.77 -0.42	56.56 0.73 0.00	65.45 0.65 0.00	72.64 0.50 0.00	73.41 0.65 0.00	65.15 0.19 0.00	57.02 0.23 0.00	49.15 0.49 0.00	44.87 0.62 0.00
RANKINE____ 23646	41.71 1.49 0.00	36.08 0.64 0.00	33.84 0.60 0.00	31.04 0.09 0.00	31.76 -0.10 0.00	32.20 -0.10 0.00	32.27 0.22 0.00	33.37 1.13 0.00	32.27 1.88 0.00	32.23 2.08 0.00	34.98 2.13 0.00	40.29 3.36 0.00	44.12 4.16 0.00	48.16 4.89 -0.03	50.77 5.23 -0.03	53.65 5.57 -0.03	62.35 6.48 -0.03	71.61 6.80 -0.01	79.06 6.92 0.00	79.01 6.26 0.00	70.48 5.52 0.00	60.32 3.52 0.00	52.22 3.55 0.00	47.52 3.27 0.00
RAVENSWOOD_GT2_1 24244	41.54 1.33 0.00	36.64 1.20 0.00	34.30 1.06 0.00	31.97 1.02 0.00	32.85 0.99 0.00	33.26 0.97 0.00	33.17 1.12 0.00	33.40 1.16 0.00	31.51 1.12 0.00	31.42 1.27 0.00	34.29 1.45 0.00	38.72 1.51 -0.28	42.16 1.68 -0.52	45.64 1.64 -0.75	47.83 1.55 -0.78	49.89 1.39 -0.46	57.12 1.28 0.00	65.97 1.17 0.00	73.07 0.94 0.00	73.92 1.16 0.00	65.60 0.65 0.00	57.42 0.62 0.00	49.73 1.07 0.00	45.44 1.19 0.00
RAVENSWOOD_GT2_2 24245	41.54 1.33 0.00	36.64 1.20 0.00	34.30 1.06 0.00	31.97 1.02 0.00	32.85 0.99 0.00	33.26 0.97 0.00	33.17 1.12 0.00	33.40 1.16 0.00	31.51 1.12 0.00	31.42 1.27 0.00	34.29 1.45 0.00	38.72 1.51 -0.28	42.16 1.68 -0.52	45.64 1.64 -0.75	47.83 1.55 -0.78	49.89 1.39 -0.46	57.12 1.28 0.00	65.97 1.17 0.00	73.07 0.94 0.00	73.92 1.16 0.00	65.60 0.65 0.00	57.42 0.62 0.00	49.73 1.07 0.00	45.44 1.19 0.00

RAVENSWOOD_GT2_3 24246	41.54 1.33 0.00	36.68 1.24 0.00	34.30 1.06 0.00	31.97 1.02 0.00	32.85 0.99 0.00	33.29 1.00 0.00	33.17 1.12 0.00	33.43 1.19 0.00	31.54 1.15 0.00	31.45 1.30 0.00	34.32 1.48 0.00	38.76 1.55 -0.28	42.16 1.68 -0.52	45.69 1.69 -0.75	47.88 1.59 -0.78	49.94 1.44 -0.46	57.18 1.34 0.00	66.03 1.23 0.00	73.15 1.01 0.00	73.92 1.16 0.00	65.60 0.65 0.00	57.42 0.62 0.00	49.73 1.07 0.00	45.44 1.19 0.00
RAVENSWOOD_GT2_4 24247	41.54 1.33 0.00	36.68 1.24 0.00	34.30 1.06 0.00	31.97 1.02 0.00	32.85 0.99 0.00	33.29 1.00 0.00	33.17 1.12 0.00	33.43 1.19 0.00	31.54 1.15 0.00	31.45 1.30 0.00	34.32 1.48 0.00	38.76 1.55 -0.28	42.16 1.68 -0.52	45.69 1.69 -0.75	47.88 1.59 -0.78	49.94 1.44 -0.46	57.18 1.34 0.00	66.03 1.23 0.00	73.15 1.01 0.00	73.92 1.16 0.00	65.60 0.65 0.00	57.42 0.62 0.00	49.73 1.07 0.00	45.44 1.19 0.00
RAVENSWOOD_GT3_1 24248	41.54 1.33 0.00	36.64 1.20 0.00	34.30 1.06 0.00	31.97 1.02 0.00	32.85 0.99 0.00	33.26 0.97 0.00	33.17 1.12 0.00	33.40 1.16 0.00	31.51 1.12 0.00	31.42 1.27 0.00	34.29 1.45 0.00	38.72 1.51 -0.28	42.16 1.68 -0.52	45.64 1.64 -0.75	47.88 1.59 -0.78	49.89 1.39 -0.46	57.12 1.28 0.00	65.97 1.17 0.00	73.15 1.01 0.00	73.92 1.16 0.00	65.60 0.65 0.00	57.42 0.62 0.00	49.73 1.07 0.00	45.44 1.19 0.00
RAVENSWOOD_GT3_2 24249	41.54 1.33 0.00	36.64 1.20 0.00	34.30 1.06 0.00	31.97 1.02 0.00	32.85 0.99 0.00	33.26 0.97 0.00	33.17 1.12 0.00	33.40 1.16 0.00	31.51 1.12 0.00	31.42 1.27 0.00	34.29 1.45 0.00	38.72 1.51 -0.28	42.16 1.68 -0.52	45.64 1.64 -0.75	47.88 1.59 -0.78	49.89 1.39 -0.46	57.12 1.28 0.00	65.97 1.17 0.00	73.15 1.01 0.00	73.92 1.16 0.00	65.60 0.65 0.00	57.42 0.62 0.00	49.73 1.07 0.00	45.44 1.19 0.00
RAVENSWOOD_GT3_3 24250	41.58 1.37 0.00	36.68 1.24 0.00	34.34 1.10 0.00	32.00 1.05 0.00	32.88 1.02 0.00	33.33 1.03 0.00	33.20 1.15 0.00	33.47 1.23 0.00	31.57 1.19 0.00	31.48 1.33 0.00	34.35 1.51 0.00	38.80 1.59 -0.28	42.20 1.72 -0.52	45.73 1.73 -0.75	47.92 1.64 -0.78	49.99 1.49 -0.46	57.23 1.40 0.00	66.10 1.30 0.00	73.22 1.08 0.00	74.06 1.31 0.00	65.73 0.78 0.00	57.54 0.74 0.00	49.78 1.12 0.00	45.49 1.24 0.00
RAVENSWOOD_GT3_4 24251	41.58 1.37 0.00	36.68 1.24 0.00	34.34 1.10 0.00	32.00 1.05 0.00	32.88 1.02 0.00	33.33 1.03 0.00	33.20 1.15 0.00	33.47 1.23 0.00	31.57 1.19 0.00	31.48 1.33 0.00	34.35 1.51 0.00	38.80 1.59 -0.28	42.20 1.72 -0.52	45.73 1.73 -0.75	47.92 1.64 -0.78	49.99 1.49 -0.46	57.23 1.40 0.00	66.10 1.30 0.00	73.22 1.08 0.00	74.06 1.31 0.00	65.73 0.78 0.00	57.54 0.74 0.00	49.78 1.12 0.00	45.49 1.24 0.00
RAVENSWOOD_GT_1 23729	41.75 1.53 0.00	36.82 1.38 0.00	34.47 1.23 0.00	32.13 1.18 0.00	33.01 1.15 0.00	33.46 1.16 0.00	33.23 1.19 0.00	33.37 1.13 0.00	31.42 1.03 0.00	31.42 1.27 0.00	34.29 1.45 0.00	38.69 1.48 -0.28	42.08 1.60 -0.52	45.60 1.60 -0.75	47.83 1.55 -0.78	49.65 1.15 -0.46	56.79 0.95 0.00	65.64 0.84 0.00	72.71 0.58 0.00	73.55 0.80 0.00	65.28 0.32 0.00	57.14 0.34 0.00	49.73 1.07 0.00	45.66 1.42 0.00
RAVENSWOOD_GT_10 24258	41.54 1.33 0.00	36.64 1.20 0.00	34.30 1.06 0.00	31.97 1.02 0.00	32.85 0.99 0.00	33.26 0.97 0.00	33.17 1.12 0.00	33.40 1.16 0.00	31.51 1.12 0.00	31.42 1.27 0.00	34.29 1.45 0.00	38.72 1.51 -0.28	42.16 1.68 -0.52	45.64 1.64 -0.75	47.88 1.59 -0.78	49.94 1.44 -0.46	57.12 1.28 0.00	65.97 1.17 0.00	73.15 1.01 0.00	73.92 1.16 0.00	65.60 0.65 0.00	57.42 0.62 0.00	49.73 1.07 0.00	45.44 1.19 0.00
RAVENSWOOD_GT_11 24259	41.54 1.33 0.00	36.64 1.20 0.00	34.30 1.06 0.00	31.97 1.02 0.00	32.85 0.99 0.00	33.26 0.97 0.00	33.17 1.12 0.00	33.40 1.16 0.00	31.51 1.12 0.00	31.42 1.27 0.00	34.29 1.45 0.00	38.72 1.51 -0.28	42.16 1.68 -0.52	45.64 1.64 -0.75	47.88 1.59 -0.78	49.94 1.44 -0.46	57.12 1.28 0.00	65.97 1.17 0.00	73.15 1.01 0.00	73.92 1.16 0.00	65.60 0.65 0.00	57.42 0.62 0.00	49.73 1.07 0.00	45.44 1.19 0.00
RAVENSWOOD_GT_4 24252	41.54 1.33 0.00	36.64 1.20 0.00	34.30 1.06 0.00	31.97 1.02 0.00	32.85 0.99 0.00	33.26 0.97 0.00	33.17 1.12 0.00	33.40 1.16 0.00	31.51 1.12 0.00	31.42 1.27 0.00	34.29 1.45 0.00	38.72 1.51 -0.28	42.16 1.68 -0.52	45.64 1.64 -0.75	47.88 1.59 -0.78	49.89 1.39 -0.46	57.12 1.28 0.00	65.97 1.17 0.00	73.15 1.01 0.00	73.92 1.16 0.00	65.60 0.65 0.00	57.42 0.62 0.00	49.73 1.07 0.00	45.44 1.19 0.00
RAVENSWOOD_GT_5 24254	41.54 1.33 0.00	36.64 1.20 0.00	34.30 1.06 0.00	31.97 1.02 0.00	32.85 0.99 0.00	33.26 0.97 0.00	33.17 1.12 0.00	33.40 1.16 0.00	31.51 1.12 0.00	31.42 1.27 0.00	34.29 1.45 0.00	38.72 1.51 -0.28	42.16 1.68 -0.52	45.64 1.64 -0.75	47.88 1.59 -0.78	49.89 1.39 -0.46	57.12 1.28 0.00	65.97 1.17 0.00	73.15 1.01 0.00	73.92 1.16 0.00	65.60 0.65 0.00	57.42 0.62 0.00	49.73 1.07 0.00	45.44 1.19 0.00
RAVENSWOOD_GT_6 24253	41.54 1.33 0.00	36.64 1.20 0.00	34.30 1.06 0.00	31.97 1.02 0.00	32.85 0.99 0.00	33.26 0.97 0.00	33.17 1.12 0.00	33.40 1.16 0.00	31.51 1.12 0.00	31.42 1.27 0.00	34.29 1.45 0.00	38.72 1.51 -0.28	42.16 1.68 -0.52	45.64 1.64 -0.75	47.88 1.59 -0.78	49.89 1.39 -0.46	57.12 1.28 0.00	65.97 1.17 0.00	73.15 1.01 0.00	73.92 1.16 0.00	65.60 0.65 0.00	57.42 0.62 0.00	49.73 1.07 0.00	45.44 1.19 0.00
RAVENSWOOD_GT_7 24255	41.54 1.33 0.00	36.64 1.20 0.00	34.30 1.06 0.00	31.97 1.02 0.00	32.85 0.99 0.00	33.26 0.97 0.00	33.17 1.12 0.00	33.40 1.16 0.00	31.51 1.12 0.00	31.42 1.27 0.00	34.29 1.45 0.00	38.72 1.51 -0.28	42.16 1.68 -0.52	45.64 1.64 -0.75	47.88 1.59 -0.78	49.89 1.39 -0.46	57.12 1.28 0.00	65.97 1.17 0.00	73.15 1.01 0.00	73.92 1.16 0.00	65.60 0.65 0.00	57.42 0.62 0.00	49.73 1.07 0.00	45.44 1.19 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	41.54 1.33 0.00	36.64 1.20 0.00	34.30 1.06 0.00	31.97 1.02 0.00	32.85 0.99 0.00	33.26 0.97 0.00	33.17 1.12 0.00	33.40 1.16 0.00	31.51 1.12 0.00	31.42 1.27 0.00	34.29 1.45 0.00	38.72 1.51 -0.28	42.16 1.68 -0.52	45.64 1.64 -0.75	47.88 1.59 -0.78	49.94 1.44 -0.46	57.12 1.28 0.00	65.97 1.17 0.00	73.15 1.01 0.00	73.92 1.16 0.00	65.60 0.65 0.00	57.42 0.62 0.00	49.73 1.07 0.00	45.44 1.19 0.00
RAVENSWOOD_GT_9 24257	41.54 1.33 0.00	36.64 1.20 0.00	34.30 1.06 0.00	31.97 1.02 0.00	32.85 0.99 0.00	33.26 0.97 0.00	33.17 1.12 0.00	33.40 1.16 0.00	31.51 1.12 0.00	31.42 1.27 0.00	34.29 1.45 0.00	38.72 1.51 -0.28	42.16 1.68 -0.52	45.64 1.64 -0.75	47.88 1.59 -0.78	49.94 1.44 -0.46	57.12 1.28 0.00	65.97 1.17 0.00	73.15 1.01 0.00	73.92 1.16 0.00	65.60 0.65 0.00	57.42 0.62 0.00	49.73 1.07 0.00	45.44 1.19 0.00

RAVENSWOOD___1 23533	41.75 1.53 -0.01	36.83 1.38 -0.01	34.44 1.19 -0.01	32.11 1.15 -0.01	32.98 1.11 -0.01	33.46 1.16 -0.01	33.23 1.19 0.00	33.34 1.10 0.00	31.39 1.00 0.00	31.39 1.24 0.00	34.26 1.41 0.00	38.65 1.44 -0.28	42.04 1.56 -0.52	45.42 1.42 -0.75	47.70 1.41 -0.78	49.61 1.11 -0.46	56.72 0.89 0.01	65.51 0.71 0.01	72.64 0.51 0.01	73.40 0.65 0.01	65.27 0.33 0.01	57.02 0.23 0.01	49.59 0.92 0.00	45.49 1.24 -0.01
RAVENSWOOD___2 23534	41.75 1.53 -0.01	36.83 1.38 -0.01	34.44 1.19 -0.01	32.07 1.11 -0.01	32.98 1.11 -0.01	33.43 1.13 -0.01	33.23 1.19 0.00	33.30 1.06 0.00	31.36 0.97 0.00	31.36 1.21 0.00	34.26 1.41 0.00	38.65 1.44 -0.28	42.04 1.56 -0.52	45.42 1.42 -0.75	47.65 1.36 -0.78	49.61 1.11 -0.46	56.67 0.84 0.01	65.44 0.65 0.01	72.56 0.44 0.01	73.40 0.65 0.01	65.21 0.26 0.01	57.02 0.23 0.01	49.59 0.92 0.00	45.49 1.24 -0.01
RAVENSWOOD___3 23535	41.54 1.33 0.00	36.64 1.21 0.00	34.27 1.03 0.00	31.91 0.96 0.00	32.81 0.95 0.00	33.26 0.97 0.00	33.17 1.12 0.00	33.40 1.16 0.00	31.51 1.13 0.00	31.42 1.27 0.00	34.29 1.44 0.00	38.72 1.51 -0.28	42.16 1.68 -0.52	45.51 1.51 -0.75	47.74 1.46 -0.78	49.89 1.39 -0.46	57.12 1.29 0.00	65.90 1.10 0.00	73.14 1.01 0.00	73.91 1.16 0.00	65.67 0.72 0.00	57.42 0.63 0.00	49.64 0.97 0.00	45.27 1.02 0.00
RAVENSWOOD___4 23820	41.75 1.53 -0.01	36.83 1.38 -0.01	34.44 1.19 -0.01	32.07 1.11 -0.01	32.98 1.11 -0.01	33.43 1.13 -0.01	33.23 1.19 0.00	33.30 1.06 0.00	31.36 0.97 0.00	31.36 1.21 0.00	34.22 1.38 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.38 1.38 -0.75	47.65 1.36 -0.78	49.56 1.06 -0.46	56.61 0.78 0.01	65.44 0.65 0.01	72.56 0.44 0.01	73.32 0.58 0.01	65.21 0.26 0.01	56.96 0.17 0.01	49.59 0.92 0.00	45.49 1.24 -0.01
RCPL_TRUST___DRP 24196	41.54 1.33 0.00	36.64 1.20 0.00	34.30 1.06 0.00	31.97 1.02 0.00	32.85 0.99 0.00	33.26 0.97 0.00	33.17 1.12 0.00	33.43 1.19 0.00	31.54 1.15 0.00	31.48 1.33 0.00	34.32 1.48 0.00	38.76 1.55 -0.28	42.20 1.72 -0.52	45.69 1.69 -0.75	47.92 1.64 -0.78	49.99 1.49 -0.46	57.23 1.40 0.00	66.10 1.30 0.00	73.22 1.08 0.00	73.99 1.24 0.00	65.67 0.71 0.00	57.48 0.68 0.00	49.73 1.07 0.00	45.44 1.19 0.00
RED___ROCHESTER 323720	41.22 1.01 0.00	35.97 0.53 0.00	33.71 0.47 0.00	31.23 0.28 0.00	31.96 0.10 0.00	32.32 0.03 0.00	32.11 0.06 0.00	32.89 0.64 0.00	31.45 1.06 0.00	31.33 1.17 0.00	34.12 1.28 0.00	38.92 1.99 0.00	42.52 2.56 0.00	46.31 3.07 0.01	48.68 3.18 0.01	51.54 3.51 0.01	59.96 4.13 0.01	69.66 4.86 0.00	77.33 5.20 0.00	77.55 4.80 0.00	69.31 4.35 0.00	59.75 2.95 0.00	51.29 2.63 0.00	46.42 2.17 0.00
REGAN___SOLAR 323812	43.03 2.81 0.00	37.85 2.41 0.00	35.43 2.19 0.00	32.96 2.01 0.00	33.99 2.13 0.00	34.49 2.20 0.00	34.19 2.15 0.00	33.89 1.64 0.00	31.21 0.82 0.00	30.33 0.18 0.00	32.65 -0.20 0.00	36.26 -0.48 0.19	38.93 -0.68 0.35	42.09 -0.65 0.51	44.52 -0.45 0.52	47.64 -0.10 0.31	56.73 0.89 0.00	67.32 2.52 0.00	76.90 4.76 0.00	78.64 5.89 0.00	70.34 5.39 0.00	61.34 4.55 0.00	52.36 3.70 0.00	47.44 3.19 0.00
RENSSELAER___COGEN 23796	40.06 -0.16 0.00	35.58 0.14 0.00	33.44 0.20 0.00	31.20 0.25 0.00	32.15 0.29 0.00	32.58 0.29 0.00	32.30 0.26 0.00	32.34 0.10 0.00	30.36 -0.03 0.00	30.00 -0.15 0.00	32.68 -0.16 0.00	36.32 -0.37 0.24	38.99 -0.52 0.45	41.64 -0.95 0.65	43.83 -1.00 0.67	46.59 -1.06 0.39	54.61 -1.23 0.00	63.64 -1.16 0.00	70.98 -1.16 0.00	71.66 -1.09 0.00	63.85 -1.10 0.00	55.89 -0.91 0.00	47.88 -0.78 0.00	43.63 -0.62 0.00
REPUBLIC_115KV_BARTNBK 55605	43.88 3.66 0.00	38.63 3.19 0.00	36.03 2.79 0.00	33.46 2.51 0.00	34.57 2.71 0.00	35.17 2.87 0.00	34.83 2.79 0.00	34.69 2.45 0.00	32.33 1.94 0.00	31.78 1.63 0.00	34.22 1.38 0.00	38.02 1.37 0.27	40.69 1.24 0.51	43.81 1.30 0.73	46.70 1.96 0.76	49.81 2.21 0.44	59.13 3.29 0.00	69.60 4.80 0.00	79.71 7.57 0.00	80.90 8.15 0.00	72.23 7.27 0.00	62.99 6.19 0.00	53.53 4.87 0.00	48.41 4.16 0.00
REVERE_CPPR_DRP 24186	41.46 1.25 0.00	36.39 0.96 0.00	34.04 0.80 0.00	31.60 0.65 0.00	32.56 0.70 0.00	33.04 0.74 0.00	32.81 0.77 0.00	32.98 0.74 0.00	31.12 0.73 0.00	30.69 0.54 0.00	33.37 0.53 0.00	37.67 0.74 0.00	40.72 0.76 0.00	44.37 1.12 0.00	46.69 1.18 0.00	49.63 1.59 0.00	57.85 2.01 0.00	67.07 2.27 0.00	75.45 3.32 0.00	76.46 3.71 0.00	68.42 3.44 -0.03	60.19 2.90 -0.49	51.85 2.19 -1.00	47.11 1.59 -1.27
REYNLDPA_13_KV_LD 356490	41.06 0.84 0.00	36.18 0.74 0.00	33.90 0.66 0.00	31.57 0.62 0.00	32.43 0.57 0.00	32.87 0.58 0.00	32.69 0.64 0.00	32.82 0.58 0.00	30.93 0.55 0.00	30.75 0.60 0.00	33.53 0.69 0.00	37.67 0.74 0.00	40.68 0.72 0.00	44.07 0.82 0.00	46.28 0.77 0.00	48.96 0.91 0.00	56.79 0.95 0.00	65.84 1.04 0.00	73.00 0.87 0.00	73.62 0.87 0.00	66.08 1.17 0.04	57.20 1.19 0.79	48.09 1.02 1.59	43.20 0.97 2.02
REYNOLDS_115KV_TB3 80639	40.34 0.12 0.00	35.83 0.39 0.00	33.67 0.43 0.00	31.45 0.50 0.00	32.40 0.54 0.00	32.81 0.52 0.00	32.53 0.48 0.00	32.56 0.32 0.00	30.57 0.18 0.00	30.21 0.06 0.00	32.91 0.07 0.00	36.46 -0.18 0.29	39.10 -0.32 0.54	41.91 -0.56 0.78	44.20 -0.50 0.81	46.95 -0.62 0.47	55.11 -0.73 0.00	64.22 -0.58 0.00	71.70 -0.43 0.00	72.46 -0.29 0.00	64.50 -0.45 0.00	56.51 -0.28 0.00	48.47 -0.19 0.00	44.20 -0.04 0.00
RIVERBAY____ 323610	42.35 2.13 0.00	37.35 1.91 0.00	34.97 1.73 0.00	32.59 1.64 0.00	33.48 1.62 0.00	34.00 1.71 0.00	33.74 1.70 0.00	33.72 1.48 0.00	31.63 1.25 0.00	31.66 1.51 0.00	34.52 1.68 0.00	38.98 1.77 -0.28	42.40 1.92 -0.52	45.94 1.95 -0.75	48.24 1.96 -0.78	50.04 1.54 -0.46	57.34 1.51 0.00	66.48 1.68 0.00	73.72 1.59 0.00	74.57 1.82 0.00	66.19 1.23 0.00	57.88 1.08 0.00	50.51 1.85 0.00	46.42 2.17 0.00
RIVERSDE_115KV_TB3 55908	40.26 0.04 0.00	35.72 0.28 0.00	33.61 0.37 0.00	31.35 0.40 0.00	32.31 0.45 0.00	32.71 0.42 0.00	32.46 0.42 0.00	32.50 0.26 0.00	30.48 0.09 0.00	30.12 -0.03 0.00	32.81 -0.03 0.00	36.41 -0.26 0.27	39.06 -0.40 0.50	41.84 -0.69 0.72	44.12 -0.64 0.74	46.84 -0.77 0.43	54.94 -0.89 0.00	64.09 -0.71 0.00	71.49 -0.65 0.00	71.95 -0.80 0.00	63.98 -0.97 0.00	56.12 -0.68 0.00	48.08 -0.58 0.00	43.81 -0.44 0.00
ROARING___BROOK_WT_PWR 323790	39.82 -0.40 0.00	35.05 -0.39 0.00	32.84 -0.40 0.00	30.61 -0.34 0.00	31.51 -0.35 0.00	31.97 -0.32 0.00	31.76 -0.29 0.00	31.98 -0.26 0.00	30.24 -0.15 0.00	30.09 -0.06 0.00	32.84 0.00 0.00	36.93 0.00 0.00	39.96 0.00 0.00	43.24 0.00 0.00	45.50 0.00 0.00	48.04 0.00 0.00	55.78 -0.06 0.00	64.74 -0.06 0.00	72.06 -0.07 0.00	72.68 -0.07 0.00	64.82 -0.13 0.00	56.68 -0.11 0.00	48.47 -0.19 0.00	43.98 -0.26 0.00

ROCHESRG_115KV_T4 355643	40.70 0.48 0.00	35.54 0.11 0.00	33.27 0.03 0.00	30.73 -0.22 0.00	31.54 -0.32 0.00	32.00 -0.29 0.00	31.82 -0.22 0.00	32.53 0.29 0.00	31.09 0.70 0.00	30.94 0.78 0.00	33.67 0.82 0.00	38.37 1.44 0.00	41.84 1.88 0.00	45.48 2.25 0.01	47.86 2.37 0.01	50.53 2.50 0.01	58.84 3.02 0.01	68.30 3.50 0.00	75.81 3.68 0.00	76.10 3.35 0.00	67.81 2.86 0.00	58.67 1.87 0.00	50.37 1.70 0.00	45.71 1.46 0.00
ROCHESTER_9_IC 23652	40.98 0.76 0.00	35.76 0.32 0.00	33.47 0.23 0.00	30.89 -0.06 0.00	31.73 -0.13 0.00	32.16 -0.13 0.00	31.98 -0.06 0.00	32.73 0.48 0.00	31.27 0.88 0.00	31.15 1.00 0.00	33.93 1.08 0.00	38.66 1.74 0.00	42.20 2.24 0.00	45.92 2.68 0.01	48.36 2.87 0.01	51.06 3.03 0.01	59.46 3.63 0.01	69.01 4.21 0.00	76.61 4.47 0.00	76.83 4.07 0.00	68.46 3.51 0.00	59.18 2.39 0.00	50.80 2.14 0.00	46.02 1.77 0.00
ROCKVIEW_13_KV_LD 356306	41.50 1.29 0.00	36.64 1.20 0.00	34.27 1.03 0.00	31.94 0.99 0.00	32.85 0.99 0.00	33.29 1.00 0.00	33.13 1.09 0.00	33.40 1.16 0.00	31.51 1.12 0.00	31.39 1.24 0.00	34.29 1.45 0.00	38.72 1.51 -0.28	42.16 1.68 -0.52	45.64 1.64 -0.75	47.88 1.59 -0.78	49.99 1.49 -0.46	57.29 1.45 0.00	66.23 1.43 0.00	73.43 1.30 0.00	74.28 1.53 0.00	65.93 0.97 0.00	57.71 0.91 0.00	49.78 1.12 0.00	45.44 1.19 0.00
ROME____115KV_TB2 80656	41.46 1.25 0.00	36.39 0.96 0.00	34.04 0.80 0.00	31.60 0.65 0.00	32.56 0.70 0.00	33.04 0.74 0.00	32.81 0.77 0.00	32.98 0.74 0.00	31.12 0.73 0.00	30.69 0.54 0.00	33.37 0.53 0.00	37.67 0.74 0.00	40.72 0.76 0.00	44.37 1.12 0.00	46.69 1.18 0.00	49.63 1.59 0.00	57.85 2.01 0.00	67.07 2.27 0.00	75.45 3.32 0.00	76.46 3.71 0.00	68.42 3.44 -0.03	60.19 2.90 -0.49	51.85 2.19 -1.00	47.11 1.59 -1.27
ROSETON___1 23587	40.94 0.72 0.00	36.18 0.75 0.00	33.87 0.63 0.00	31.57 0.62 0.00	32.50 0.64 0.00	32.94 0.65 0.00	32.78 0.74 0.00	32.98 0.74 0.00	31.06 0.67 0.00	30.85 0.69 0.00	33.67 0.82 0.00	37.96 0.78 -0.26	41.28 0.84 -0.48	44.63 0.69 -0.69	46.86 0.64 -0.72	49.04 0.58 -0.42	56.34 0.50 0.00	65.26 0.46 0.00	72.43 0.29 0.00	73.19 0.44 0.00	65.15 0.20 0.00	56.91 0.11 0.00	49.01 0.34 0.00	44.65 0.40 0.00
ROSETON___2 23588	40.94 0.72 0.00	36.18 0.75 0.00	33.87 0.63 0.00	31.57 0.62 0.00	32.50 0.64 0.00	32.94 0.65 0.00	32.78 0.74 0.00	32.98 0.74 0.00	31.06 0.67 0.00	30.85 0.69 0.00	33.67 0.82 0.00	37.96 0.78 -0.26	41.28 0.84 -0.48	44.63 0.69 -0.69	46.86 0.64 -0.72	49.04 0.58 -0.42	56.34 0.50 0.00	65.26 0.46 0.00	72.43 0.29 0.00	73.19 0.44 0.00	65.15 0.20 0.00	56.91 0.11 0.00	49.01 0.34 0.00	44.65 0.40 0.00
ROTTORDAM_115KV_TB3 80664	40.90 0.68 0.00	36.11 0.67 0.00	33.87 0.63 0.00	31.57 0.62 0.00	32.53 0.67 0.00	32.97 0.68 0.00	32.75 0.70 0.00	32.82 0.58 0.00	30.78 0.40 0.00	30.42 0.27 0.00	33.07 0.23 0.00	36.83 0.11 0.21	39.64 0.08 0.39	42.67 0.00 0.57	45.00 0.09 0.59	47.80 0.10 0.34	56.06 0.22 0.00	65.32 0.52 0.00	73.07 0.94 0.00	73.92 1.16 0.00	65.86 0.91 0.00	57.65 0.85 0.00	49.39 0.73 0.00	44.96 0.71 0.00
RUSSELL___1 23602	41.22 1.01 0.00	35.97 0.53 0.00	33.64 0.40 0.00	31.04 0.09 0.00	31.89 0.03 0.00	32.32 0.03 0.00	32.11 0.06 0.00	32.89 0.64 0.00	31.45 1.06 0.00	31.33 1.18 0.00	34.13 1.28 0.00	38.92 1.99 0.00	42.52 2.56 0.00	46.30 3.07 0.01	48.81 3.32 0.01	51.59 3.56 0.01	60.01 4.19 0.01	69.66 4.86 0.00	77.33 5.19 0.00	77.55 4.80 0.00	69.11 4.16 0.00	59.75 2.95 0.00	51.19 2.53 0.00	46.37 2.12 0.00
RUSSELL___2 23532	41.22 1.01 0.00	35.97 0.53 0.00	33.64 0.40 0.00	31.04 0.09 0.00	31.89 0.03 0.00	32.32 0.03 0.00	32.11 0.06 0.00	32.89 0.64 0.00	31.45 1.06 0.00	31.33 1.18 0.00	34.13 1.28 0.00	38.92 1.99 0.00	42.52 2.56 0.00	46.30 3.07 0.01	48.81 3.32 0.01	51.59 3.56 0.01	60.01 4.19 0.01	69.66 4.86 0.00	77.33 5.19 0.00	77.55 4.80 0.00	69.11 4.16 0.00	59.75 2.95 0.00	51.19 2.53 0.00	46.37 2.12 0.00
RUSSELL___3 23549	41.22 1.01 0.00	35.97 0.53 0.00	33.64 0.40 0.00	31.04 0.09 0.00	31.89 0.03 0.00	32.32 0.03 0.00	32.11 0.06 0.00	32.89 0.64 0.00	31.45 1.06 0.00	31.33 1.18 0.00	34.13 1.28 0.00	38.92 1.99 0.00	42.52 2.56 0.00	46.30 3.07 0.01	48.81 3.32 0.01	51.59 3.56 0.01	60.01 4.19 0.01	69.66 4.86 0.00	77.33 5.19 0.00	77.55 4.80 0.00	69.11 4.16 0.00	59.75 2.95 0.00	51.19 2.53 0.00	46.37 2.12 0.00
RUSSELL___4 23556	41.22 1.01 0.00	35.97 0.53 0.00	33.64 0.40 0.00	31.04 0.09 0.00	31.89 0.03 0.00	32.32 0.03 0.00	32.11 0.06 0.00	32.89 0.64 0.00	31.45 1.06 0.00	31.33 1.18 0.00	34.13 1.28 0.00	38.92 1.99 0.00	42.52 2.56 0.00	46.30 3.07 0.01	48.81 3.32 0.01	51.59 3.56 0.01	60.01 4.19 0.01	69.66 4.86 0.00	77.33 5.19 0.00	77.55 4.80 0.00	69.11 4.16 0.00	59.75 2.95 0.00	51.19 2.53 0.00	46.37 2.12 0.00
RUSSELL___STATION 23914	41.22 1.01 0.00	35.97 0.53 0.00	33.64 0.40 0.00	31.04 0.09 0.00	31.89 0.03 0.00	32.32 0.03 0.00	32.11 0.06 0.00	32.89 0.64 0.00	31.45 1.06 0.00	31.33 1.18 0.00	34.13 1.28 0.00	38.92 1.99 0.00	42.52 2.56 0.00	46.30 3.07 0.01	48.81 3.32 0.01	51.59 3.56 0.01	60.01 4.19 0.01	69.66 4.86 0.00	77.33 5.19 0.00	77.55 4.80 0.00	69.11 4.16 0.00	59.75 2.95 0.00	51.19 2.53 0.00	46.37 2.12 0.00
S SALMON___HYD 24043	40.22 0.00 0.00	35.19 -0.25 0.00	32.97 -0.27 0.00	30.61 -0.34 0.00	31.51 -0.35 0.00	31.97 -0.32 0.00	31.72 -0.32 0.00	31.92 -0.32 0.00	30.14 -0.24 0.00	29.82 -0.33 0.00	32.42 -0.43 0.00	36.60 -0.33 0.00	39.60 -0.36 0.00	43.03 -0.22 0.00	45.32 -0.18 0.00	48.00 -0.05 0.00	55.72 -0.11 0.00	64.67 -0.13 0.00	72.57 0.44 0.00	73.48 0.73 0.00	65.96 0.98 -0.03	58.11 0.74 -0.57	50.41 0.59 -1.16	45.94 0.22 -1.47
S.PERRY__115KV_TB1 80734	42.43 2.21 0.00	36.86 1.42 0.00	34.47 1.23 0.00	31.72 0.77 0.00	32.59 0.73 0.00	33.10 0.81 0.00	32.94 0.90 0.00	33.56 1.32 0.00	31.82 1.43 0.00	31.36 1.21 0.00	33.96 1.12 0.00	38.74 1.81 0.00	42.36 2.40 0.00	46.15 2.90 -0.01	48.69 3.19 -0.01	51.60 3.56 -0.01	58.30 2.46 -0.01	67.85 3.05 0.00	76.25 4.11 0.00	77.63 4.87 0.00	69.57 4.61 0.00	60.15 3.35 0.00	53.14 4.48 0.00	47.96 3.72 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	41.26 1.05 0.00	35.72 0.28 0.00	33.54 0.30 0.00	30.77 -0.19 0.00	31.48 -0.38 0.00	31.87 -0.42 0.00	31.95 -0.10 0.00	33.05 0.81 0.00	31.97 1.58 0.00	31.87 1.72 0.00	34.58 1.74 0.00	39.77 2.84 0.00	43.56 3.60 0.00	47.47 4.19 -0.03	49.95 4.41 -0.03	52.74 4.66 -0.03	61.28 5.42 -0.03	70.45 5.64 -0.01	77.76 5.63 0.00	77.70 4.95 0.00	69.31 4.35 0.00	59.41 2.61 0.00	51.49 2.82 0.00	46.95 2.70 0.00

SAWYER___23_KV_LOAD 55526	41.26 1.05 0.00	35.72 0.28 0.00	33.54 0.30 0.00	30.77 -0.19 0.00	31.48 -0.38 0.00	31.87 -0.42 0.00	31.95 -0.10 0.00	33.05 0.81 0.00	31.97 1.58 0.00	31.87 1.72 0.00	34.58 1.74 0.00	39.77 2.84 0.00	43.56 3.60 0.00	47.47 4.19 -0.03	49.95 4.41 -0.03	52.74 4.66 -0.03	61.28 5.42 -0.03	70.45 5.64 -0.01	77.76 5.63 0.00	77.70 4.95 0.00	69.31 4.35 0.00	59.41 2.61 0.00	51.49 2.82 0.00	46.95 2.70 0.00
SELKIRK___I 23801	40.54 0.32 0.00	35.90 0.46 0.00	33.74 0.50 0.00	31.48 0.53 0.00	32.46 0.60 0.00	32.87 0.58 0.00	32.59 0.54 0.00	32.56 0.32 0.00	30.45 0.06 0.00	30.06 -0.09 0.00	32.75 -0.10 0.00	36.48 -0.30 0.15	39.27 -0.40 0.29	41.14 -1.69 0.41	43.34 -1.73 0.43	45.37 -1.83 0.85	50.99 -2.06 2.78	57.48 -2.08 5.25	70.17 -1.94 0.02	70.97 -1.75 0.04	63.26 -1.69 0.00	55.42 -1.36 0.02	46.58 -1.17 0.91	43.27 -0.97 0.00
SELKIRK___II 23799	40.26 0.04 0.00	35.69 0.25 0.00	33.54 0.30 0.00	31.26 0.31 0.00	32.24 0.38 0.00	32.65 0.36 0.00	32.40 0.35 0.00	32.44 0.19 0.00	30.45 0.06 0.00	30.12 -0.03 0.00	32.84 0.00 0.00	36.57 -0.18 0.18	39.35 -0.28 0.33	41.77 -0.99 0.48	43.96 -1.04 0.50	44.44 -1.15 2.45	44.44 -1.34 10.06	44.44 -1.36 19.00	70.63 -1.44 0.06	71.23 -1.38 0.14	63.59 -1.37 0.00	55.60 -1.14 0.06	44.44 -0.93 3.30	43.54 -0.71 0.00
SENECA OSWGO___HYD 24041	39.62 -0.60 0.00	34.76 -0.67 0.00	32.61 -0.63 0.00	30.33 -0.62 0.00	31.19 -0.67 0.00	31.61 -0.68 0.00	31.37 -0.67 0.00	31.66 -0.58 0.00	29.90 -0.49 0.00	29.67 -0.48 0.00	32.29 -0.56 0.00	36.41 -0.52 0.00	39.48 -0.48 0.00	42.81 -0.43 0.00	45.09 -0.41 0.00	47.71 -0.33 0.00	55.45 -0.39 0.00	64.41 -0.39 0.00	71.85 -0.29 0.00	72.46 -0.29 0.00	64.76 -0.19 0.00	56.34 -0.46 0.00	48.27 -0.39 0.00	43.76 -0.49 0.00
SENECA___115KV_TB3 355854	41.79 1.57 0.00	36.11 0.67 0.00	33.90 0.66 0.00	31.08 0.12 0.00	31.80 -0.06 0.00	32.26 -0.03 0.00	32.30 0.26 0.00	33.43 1.19 0.00	32.33 1.94 0.00	32.29 2.14 0.00	35.04 2.20 0.00	40.36 3.43 0.00	44.24 4.28 0.00	48.29 5.02 -0.03	50.86 5.32 -0.03	53.79 5.72 -0.03	62.51 6.64 -0.03	71.74 6.93 -0.01	79.20 7.07 0.00	79.15 6.40 0.00	70.61 5.65 0.00	60.43 3.64 0.00	52.31 3.65 0.00	47.61 3.36 0.00
SENECA___ENERGY 23797	40.42 0.20 0.00	35.33 -0.11 0.00	33.14 -0.10 0.00	30.74 -0.22 0.00	31.57 -0.29 0.00	32.00 -0.29 0.00	31.82 -0.22 0.00	32.24 0.00 0.00	30.57 0.18 0.00	30.33 0.18 0.00	33.04 0.20 0.00	37.45 0.52 0.00	40.72 0.76 0.00	44.37 1.12 0.00	46.87 1.36 0.00	49.48 1.44 0.00	57.57 1.73 0.00	66.81 2.01 0.00	74.51 2.38 0.00	75.23 2.47 0.00	67.09 2.14 0.00	58.05 1.25 0.00	49.73 1.07 0.00	45.09 0.84 0.00
SHOEMAKER___GT 23640	40.86 0.64 0.00	36.11 0.67 0.00	33.80 0.56 0.00	31.51 0.56 0.00	32.40 0.54 0.00	32.87 0.58 0.00	32.69 0.64 0.00	32.85 0.61 0.00	30.94 0.55 0.00	30.72 0.57 0.00	33.50 0.66 0.00	37.79 0.63 -0.23	41.07 0.68 -0.43	44.43 0.56 -0.62	46.74 0.59 -0.65	49.04 0.62 -0.38	56.45 0.62 0.00	65.45 0.65 0.00	72.78 0.65 0.00	73.63 0.88 0.00	65.47 0.52 0.00	57.20 0.40 0.00	49.15 0.49 0.00	44.74 0.49 0.00
SHOEMAKR_138KV_BK 111 55601	40.86 0.64 0.00	36.11 0.67 0.00	33.81 0.57 0.00	31.54 0.59 0.00	32.43 0.57 0.00	32.87 0.58 0.00	32.69 0.64 0.00	32.85 0.61 0.00	30.93 0.55 0.00	30.72 0.57 0.00	33.53 0.69 0.00	37.79 0.63 -0.23	41.11 0.72 -0.43	44.55 0.69 -0.62	46.78 0.64 -0.64	49.04 0.62 -0.37	56.45 0.61 0.00	65.45 0.65 0.00	72.71 0.58 0.00	73.55 0.80 0.00	65.34 0.39 0.00	57.14 0.34 0.00	49.15 0.49 0.00	44.82 0.58 0.00
SHOREHAM_IC_1 23715	41.78 1.57 0.00	36.64 1.21 0.00	34.10 0.86 0.00	31.60 0.65 0.00	32.43 0.57 0.00	32.81 0.52 0.00	32.33 0.29 0.00	32.60 0.36 0.00	30.90 0.52 0.00	31.12 0.96 0.00	34.62 1.77 0.00	39.14 1.92 -0.29	42.53 2.04 -0.53	44.52 0.52 -0.75	45.88 -0.41 -0.78	48.59 0.10 -0.45	55.83 0.00 0.01	64.60 -0.19 0.01	71.62 -0.50 0.02	66.61 -0.43 5.71	48.41 -0.71 15.83	47.52 -0.74 8.53	46.45 -0.58 1.64	43.72 -0.53 0.00
SHOREHAM_IC_2 23716	41.79 1.57 0.00	36.64 1.20 0.00	34.14 0.90 0.00	31.69 0.74 0.00	32.50 0.64 0.00	32.81 0.52 0.00	32.33 0.29 0.00	32.56 0.32 0.00	30.90 0.52 0.00	31.12 0.96 0.00	34.62 1.77 0.00	39.13 1.92 -0.28	42.52 2.04 -0.52	45.21 1.21 -0.75	46.83 0.55 -0.78	48.64 0.14 -0.45	55.83 0.00 0.01	64.99 0.19 0.01	71.62 -0.50 0.02	66.61 -0.44 5.71	48.28 -0.84 15.83	47.47 -0.80 8.53	46.44 -0.58 1.64	45.00 0.75 0.00
SISSONVILLE____ 23735	41.75 1.53 0.00	36.71 1.28 0.00	34.37 1.13 0.00	31.94 0.99 0.00	32.75 0.89 0.00	33.20 0.90 0.00	33.01 0.96 0.00	33.08 0.84 0.00	31.18 0.79 0.00	30.97 0.81 0.00	33.83 0.99 0.00	38.00 1.07 0.00	40.96 1.00 0.00	44.41 1.17 0.00	46.64 1.14 0.00	49.34 1.30 0.00	57.29 1.45 0.00	66.36 1.56 0.00	73.58 1.44 0.00	74.42 1.67 0.00	67.54 2.27 -0.31	64.84 2.22 -5.83	62.28 1.80 -11.82	60.83 1.59 -14.99
SITHE_IND_GS1 24169	39.05 -1.17 0.00	34.30 -1.14 0.00	32.18 -1.06 0.00	29.93 -1.02 0.00	30.81 -1.05 0.00	31.23 -1.06 0.00	30.99 -1.06 0.00	31.24 -1.00 0.00	29.54 -0.85 0.00	29.31 -0.84 0.00	31.89 -0.95 0.00	35.97 -0.96 0.00	38.96 -1.00 0.00	42.25 -0.99 0.00	44.46 -1.04 0.00	46.99 -1.06 0.00	54.66 -1.18 0.00	63.50 -1.30 0.00	70.76 -1.37 0.00	71.30 -1.45 0.00	63.72 -1.24 0.00	55.49 -1.30 0.00	47.55 -1.12 0.00	43.14 -1.10 0.00
SITHE_IND_GS2 24170	39.05 -1.17 0.00	34.30 -1.14 0.00	32.18 -1.06 0.00	29.93 -1.02 0.00	30.81 -1.05 0.00	31.23 -1.06 0.00	30.99 -1.06 0.00	31.24 -1.00 0.00	29.54 -0.85 0.00	29.31 -0.84 0.00	31.89 -0.95 0.00	35.97 -0.96 0.00	38.96 -1.00 0.00	42.25 -0.99 0.00	44.46 -1.04 0.00	46.99 -1.06 0.00	54.66 -1.18 0.00	63.50 -1.30 0.00	70.76 -1.37 0.00	71.30 -1.45 0.00	63.72 -1.24 0.00	55.49 -1.30 0.00	47.55 -1.12 0.00	43.14 -1.10 0.00
SITHE_IND_GS3 24171	39.05 -1.17 0.00	34.30 -1.14 0.00	32.18 -1.06 0.00	29.93 -1.02 0.00	30.81 -1.05 0.00	31.23 -1.06 0.00	30.99 -1.06 0.00	31.24 -1.00 0.00	29.54 -0.85 0.00	29.31 -0.84 0.00	31.89 -0.95 0.00	35.97 -0.96 0.00	38.96 -1.00 0.00	42.25 -0.99 0.00	44.46 -1.04 0.00	46.99 -1.06 0.00	54.66 -1.18 0.00	63.50 -1.30 0.00	70.76 -1.37 0.00	71.30 -1.45 0.00	63.72 -1.24 0.00	55.49 -1.30 0.00	47.55 -1.12 0.00	43.14 -1.10 0.00
SITHE_IND_GS4 24172	39.05 -1.17 0.00	34.30 -1.14 0.00	32.18 -1.06 0.00	29.93 -1.02 0.00	30.81 -1.05 0.00	31.23 -1.06 0.00	30.99 -1.06 0.00	31.24 -1.00 0.00	29.54 -0.85 0.00	29.31 -0.84 0.00	31.89 -0.95 0.00	35.97 -0.96 0.00	38.96 -1.00 0.00	42.25 -0.99 0.00	44.46 -1.04 0.00	46.99 -1.06 0.00	54.66 -1.18 0.00	63.50 -1.30 0.00	70.76 -1.37 0.00	71.30 -1.45 0.00	63.72 -1.24 0.00	55.49 -1.30 0.00	47.55 -1.12 0.00	43.14 -1.10 0.00

SITHE____BATAVIA 24024	42.15 1.93 0.00	36.54 1.10 0.00	34.34 1.10 0.00	31.75 0.80 0.00	32.37 0.51 0.00	32.68 0.39 0.00	32.43 0.39 0.00	33.66 1.42 0.00	32.27 1.88 0.00	32.20 2.05 0.00	34.88 2.04 0.00	39.96 3.03 0.00	43.63 3.67 0.00	47.81 4.41 -0.16	50.25 4.59 -0.16	53.20 5.00 -0.16	61.91 5.92 -0.15	71.58 6.74 -0.04	79.35 7.21 0.00	79.44 6.69 0.00	71.19 6.24 0.00	60.89 4.09 0.00	52.56 3.89 0.00	47.79 3.54 0.00
SITHE____INDEPEND 23800	39.05 -1.17 0.00	34.34 -1.10 0.00	32.18 -1.06 0.00	29.90 -1.05 0.00	30.78 -1.08 0.00	31.23 -1.07 0.00	30.99 -1.06 0.00	31.24 -1.00 0.00	29.54 -0.85 0.00	29.31 -0.84 0.00	31.89 -0.95 0.00	35.97 -0.96 0.00	38.96 -1.00 0.00	42.25 -0.99 0.00	44.50 -1.00 0.00	46.99 -1.06 0.00	54.72 -1.12 0.00	63.50 -1.30 0.00	70.76 -1.37 0.00	71.30 -1.46 0.00	63.65 -1.30 0.00	55.49 -1.31 0.00	47.50 -1.17 0.00	43.10 -1.15 0.00
SITHE____MASSENA 23902	41.42 1.21 0.00	36.47 1.03 0.00	34.17 0.93 0.00	31.79 0.84 0.00	32.69 0.83 0.00	33.10 0.81 0.00	32.91 0.87 0.00	33.05 0.81 0.00	31.15 0.76 0.00	30.93 0.78 0.00	33.76 0.92 0.00	37.93 1.00 0.00	40.96 1.00 0.00	44.41 1.17 0.00	46.73 1.23 0.00	49.25 1.20 0.00	57.17 1.34 0.00	66.29 1.49 0.00	73.29 1.15 0.00	73.99 1.24 0.00	66.64 1.23 -0.46	66.91 1.65 -8.46	67.21 1.41 -17.14	67.41 1.42 -21.74
SITHE____OGDNSBRG 24021	42.23 2.01 0.00	37.17 1.74 0.00	34.77 1.53 0.00	32.31 1.36 0.00	33.20 1.34 0.00	33.65 1.36 0.00	33.42 1.38 0.00	33.40 1.16 0.00	31.39 1.00 0.00	31.09 0.93 0.00	33.90 1.05 0.00	38.07 1.14 0.00	41.04 1.08 0.00	44.50 1.25 0.00	46.78 1.27 0.00	49.53 1.49 0.00	57.62 1.79 0.00	66.87 2.07 0.00	74.44 2.31 0.00	75.59 2.84 0.00	68.77 3.44 -0.37	66.89 3.24 -6.85	65.22 2.68 -13.88	64.21 2.35 -17.61
SITHE____STERLING 23777	41.10 0.88 0.00	36.08 0.64 0.00	33.77 0.53 0.00	31.42 0.46 0.00	32.34 0.48 0.00	32.81 0.52 0.00	32.56 0.51 0.00	32.76 0.51 0.00	30.90 0.52 0.00	30.52 0.36 0.00	33.21 0.36 0.00	37.45 0.52 0.00	40.52 0.56 0.00	44.11 0.86 0.00	46.50 1.00 0.00	49.29 1.25 0.00	57.40 1.56 0.00	66.55 1.75 0.00	74.66 2.52 0.00	75.59 2.83 0.00	67.64 2.66 -0.02	59.28 2.16 -0.33	50.99 1.66 -0.67	46.29 1.20 -0.85
SLEIGHT__34_KV_TB1 80719	40.46 0.24 0.00	35.33 -0.11 0.00	33.07 -0.17 0.00	30.58 -0.37 0.00	31.45 -0.41 0.00	31.91 -0.39 0.00	31.69 -0.35 0.00	32.27 0.03 0.00	30.72 0.33 0.00	30.54 0.39 0.00	33.27 0.43 0.00	37.82 0.89 0.00	41.20 1.24 0.00	44.80 1.56 0.01	47.23 1.73 0.01	49.91 1.87 0.01	58.12 2.29 0.01	67.59 2.79 0.00	75.24 3.10 0.00	75.66 2.91 0.00	67.42 2.47 0.00	58.39 1.59 0.00	49.98 1.31 0.00	45.22 0.97 0.00
SMITHTWN_69_KV_BK 1 55830	42.23 2.01 0.00	37.03 1.59 0.00	34.47 1.23 0.00	32.03 1.08 0.00	32.85 0.99 0.00	33.16 0.87 0.00	32.72 0.67 0.00	33.02 0.77 0.00	31.33 0.94 0.00	31.51 1.36 0.00	35.01 2.17 0.00	39.61 2.40 -0.28	43.12 2.64 -0.52	45.82 1.82 -0.75	47.42 1.14 -0.78	49.26 0.77 -0.45	56.55 0.73 0.01	65.63 0.84 0.01	72.12 0.00 0.02	67.43 0.36 5.68	48.94 -0.26 15.75	48.08 -0.23 8.49	46.99 -0.05 1.63	45.53 1.28 0.00
SOUTH CAIRO____GT 23612	41.50 1.29 0.00	36.75 1.31 0.00	34.44 1.20 0.00	32.13 1.18 0.00	33.10 1.24 0.00	33.58 1.29 0.00	33.26 1.22 0.00	33.08 0.84 0.00	30.81 0.43 0.00	30.27 0.12 0.00	32.88 0.03 0.00	36.97 0.15 0.11	39.83 0.08 0.20	42.56 -0.39 0.30	45.11 -0.09 0.31	47.11 0.00 0.94	52.80 0.50 3.53	59.68 1.56 6.68	74.28 2.16 0.02	75.61 2.91 0.05	66.71 1.75 0.00	58.37 1.59 0.02	48.92 1.41 1.16	45.27 1.02 0.00
SOUTH HAMPTN____IC 23720	42.59 2.37 0.00	37.32 1.88 0.00	34.70 1.46 0.00	32.16 1.21 0.00	33.01 1.15 0.00	33.36 1.06 0.00	32.85 0.80 0.00	33.14 0.90 0.00	31.51 1.13 0.00	31.75 1.60 0.00	35.37 2.53 0.00	40.06 2.84 -0.29	43.57 3.08 -0.53	45.68 1.68 -0.75	47.15 0.86 -0.78	50.03 1.54 -0.45	57.56 1.73 0.01	66.60 1.81 0.01	73.78 1.66 0.02	68.63 1.60 5.72	50.01 0.91 15.86	48.88 0.63 8.55	47.61 0.59 1.64	44.74 0.49 0.00
SOUTHDOW_115KV_TB1 355954	41.34 1.13 0.00	35.69 0.25 0.00	33.41 0.17 0.00	30.67 -0.28 0.00	31.38 -0.48 0.00	31.87 -0.42 0.00	32.04 0.00 0.00	33.05 0.81 0.00	32.06 1.67 0.00	32.17 2.02 0.00	35.11 2.27 0.00	40.51 3.58 0.00	44.39 4.44 0.00	49.33 6.05 -0.03	52.49 6.96 -0.03	55.71 7.64 -0.03	64.41 8.54 -0.03	72.45 7.65 -0.01	80.14 8.01 0.00	80.39 7.64 0.00	71.58 6.63 0.00	61.17 4.37 0.00	52.61 3.94 0.00	47.70 3.45 0.00
SOUTHOLD_69_KV_BK 2 55809	43.47 3.26 0.00	38.06 2.62 0.00	35.37 2.13 0.00	32.78 1.83 0.00	33.61 1.75 0.00	33.97 1.68 0.00	33.42 1.38 0.00	33.76 1.52 0.00	32.15 1.76 0.00	32.41 2.26 0.00	36.20 3.35 0.00	40.99 3.77 -0.29	44.61 4.12 -0.53	46.90 2.90 -0.75	48.56 2.27 -0.78	51.57 3.08 -0.45	59.51 3.68 0.01	68.88 4.08 0.01	76.23 4.11 0.02	70.89 3.85 5.72	51.89 2.79 15.86	50.46 2.21 8.55	48.88 1.85 1.64	45.84 1.59 0.00
SOUTH_FORK_WT_PWR 323839	43.60 3.38 0.00	38.17 2.73 0.00	35.50 2.26 0.00	32.87 1.92 0.00	33.71 1.85 0.00	34.07 1.77 0.00	33.49 1.44 0.00	33.82 1.58 0.00	32.24 1.85 0.00	32.53 2.38 0.00	36.29 3.45 0.00	41.13 3.91 -0.29	44.77 4.28 -0.53	47.02 3.03 -0.75	48.70 2.41 -0.78	51.76 3.27 -0.45	59.74 3.91 0.01	69.13 4.34 0.01	76.52 4.40 0.02	71.18 4.14 5.72	52.02 2.93 15.86	50.64 2.39 8.55	49.07 2.04 1.64	46.02 1.77 0.00
SPIERFLS_115KV_TB 1 80737	41.58 1.37 0.00	36.68 1.24 0.00	34.34 1.10 0.00	31.97 1.02 0.00	32.98 1.12 0.00	33.46 1.16 0.00	33.20 1.15 0.00	33.21 0.97 0.00	31.06 0.67 0.00	30.57 0.42 0.00	32.94 0.10 0.00	36.55 -0.11 0.27	39.22 -0.24 0.49	42.05 -0.48 0.71	44.58 -0.18 0.74	47.47 -0.14 0.43	56.06 0.22 0.00	65.71 0.91 0.00	74.73 2.60 0.00	75.66 2.91 0.00	67.55 2.60 0.00	59.07 2.27 0.00	50.37 1.70 0.00	45.71 1.46 0.00
ST LAWRENCE____ 23600	40.62 0.40 0.00	35.79 0.35 0.00	33.54 0.30 0.00	31.23 0.28 0.00	32.11 0.25 0.00	32.58 0.29 0.00	32.33 0.29 0.00	32.50 0.26 0.00	30.63 0.24 0.00	30.42 0.27 0.00	33.17 0.33 0.00	37.30 0.37 0.00	40.28 0.32 0.00	43.68 0.43 0.00	45.87 0.36 0.00	48.38 0.34 0.00	56.17 0.34 0.00	65.19 0.39 0.00	72.35 0.22 0.00	72.90 0.15 0.00	65.18 0.26 0.03	56.68 0.51 0.63	47.91 0.44 1.19	43.27 0.49 1.47

STATE_CA_115KV_115_LB 55624	40.34 0.12 0.00	35.76 0.32 0.00	33.61 0.37 0.00	31.38 0.43 0.00	32.34 0.48 0.00	32.74 0.45 0.00	32.49 0.45 0.00	32.50 0.26 0.00	30.51 0.12 0.00	30.15 0.00 0.00	32.84 0.00 0.00	36.50 -0.18 0.25	39.18 -0.32 0.46	41.93 -0.65 0.67	44.26 -0.55 0.69	46.97 -0.67 0.40	55.11 -0.73 0.00	64.22 -0.58 0.00	71.70 -0.43 0.00	72.17 -0.58 0.00	64.24 -0.71 0.00	56.29 -0.51 0.00	48.23 -0.44 0.00	43.89 -0.35 0.00
STATE_ST_34_KV_LOAD 55959	40.42 0.20 0.00	35.40 -0.04 0.00	33.17 -0.07 0.00	30.77 -0.19 0.00	31.64 -0.22 0.00	32.13 -0.16 0.00	31.92 -0.13 0.00	32.24 0.00 0.00	30.51 0.12 0.00	30.24 0.09 0.00	32.94 0.10 0.00	37.26 0.33 0.00	40.48 0.52 0.00	43.98 0.74 0.00	46.41 0.91 0.00	49.05 1.01 0.00	57.18 1.34 0.00	66.42 1.62 0.00	74.16 2.02 0.00	74.93 2.18 0.00	66.77 1.82 0.00	57.99 1.19 0.00	49.59 0.92 0.00	44.91 0.66 0.00
STATION_5_MISC_HYD 23604	40.98 0.76 0.00	35.76 0.32 0.00	33.54 0.30 0.00	31.08 0.12 0.00	31.83 -0.03 0.00	32.16 -0.13 0.00	31.98 -0.06 0.00	32.73 0.48 0.00	31.27 0.88 0.00	31.15 0.99 0.00	33.93 1.08 0.00	38.67 1.74 0.00	42.20 2.24 0.00	45.92 2.68 0.01	48.22 2.73 0.01	51.06 3.03 0.01	59.40 3.58 0.01	69.01 4.21 0.00	76.61 4.47 0.00	76.82 4.07 0.00	68.65 3.70 0.00	59.24 2.44 0.00	50.90 2.24 0.00	46.06 1.81 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	40.66 0.44 0.00	35.54 0.11 0.00	33.27 0.03 0.00	30.73 -0.22 0.00	31.61 -0.25 0.00	32.07 -0.23 0.00	31.88 -0.16 0.00	32.50 0.26 0.00	30.93 0.55 0.00	30.75 0.60 0.00	33.50 0.66 0.00	38.07 1.14 0.00	41.48 1.52 0.00	45.14 1.90 0.01	47.64 2.14 0.01	50.30 2.26 0.01	58.57 2.74 0.01	67.97 3.18 0.00	75.67 3.53 0.00	76.10 3.35 0.00	67.81 2.86 0.00	58.67 1.87 0.00	50.27 1.61 0.00	45.53 1.28 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	40.70 0.48 0.00	35.51 0.07 0.00	33.24 0.00 0.00	30.70 -0.25 0.00	31.54 -0.32 0.00	31.97 -0.32 0.00	31.76 -0.29 0.00	32.50 0.26 0.00	31.06 0.67 0.00	30.91 0.75 0.00	33.67 0.82 0.00	38.37 1.44 0.00	41.88 1.92 0.00	45.53 2.29 0.01	48.00 2.50 0.01	50.68 2.64 0.01	58.95 3.13 0.01	68.49 3.69 0.00	76.03 3.90 0.00	76.24 3.49 0.00	68.01 3.05 0.00	58.78 1.99 0.00	50.42 1.75 0.00	45.66 1.42 0.00
STA_56___34_KV_BUS2 355983	40.70 0.48 0.00	35.51 0.07 0.00	33.24 0.00 0.00	30.70 -0.25 0.00	31.54 -0.32 0.00	31.97 -0.32 0.00	31.76 -0.29 0.00	32.50 0.26 0.00	31.06 0.67 0.00	30.91 0.75 0.00	33.67 0.82 0.00	38.37 1.44 0.00	41.88 1.92 0.00	45.53 2.29 0.01	48.00 2.50 0.01	50.68 2.64 0.01	58.95 3.13 0.01	68.49 3.69 0.00	76.03 3.90 0.00	76.24 3.49 0.00	68.01 3.05 0.00	58.78 1.99 0.00	50.42 1.75 0.00	45.66 1.42 0.00
STA_67___115KV_BK2 355882	40.90 0.68 0.00	35.69 0.25 0.00	33.41 0.17 0.00	30.83 -0.12 0.00	31.67 -0.19 0.00	32.10 -0.19 0.00	31.92 -0.13 0.00	32.66 0.42 0.00	31.21 0.82 0.00	31.06 0.90 0.00	33.80 0.95 0.00	38.52 1.59 0.00	42.04 2.08 0.00	45.70 2.46 0.01	48.13 2.64 0.01	50.87 2.83 0.01	59.18 3.35 0.01	68.69 3.89 0.00	76.25 4.11 0.00	76.53 3.78 0.00	68.20 3.25 0.00	59.01 2.22 0.00	50.66 2.00 0.00	45.88 1.64 0.00
STA_7___115KV_9TRANS 80674	41.22 1.01 0.00	35.97 0.53 0.00	33.64 0.40 0.00	31.04 0.09 0.00	31.89 0.03 0.00	32.32 0.03 0.00	32.11 0.06 0.00	32.89 0.64 0.00	31.45 1.06 0.00	31.33 1.18 0.00	34.13 1.28 0.00	38.92 1.99 0.00	42.52 2.56 0.00	46.30 3.07 0.01	48.81 3.32 0.01	51.59 3.56 0.01	60.01 4.19 0.01	69.66 4.86 0.00	77.33 5.19 0.00	77.55 4.80 0.00	69.11 4.16 0.00	59.75 2.95 0.00	51.19 2.53 0.00	46.37 2.12 0.00
STA_82___115KV_TB1 80780	40.90 0.68 0.00	35.69 0.25 0.00	33.41 0.17 0.00	30.83 -0.12 0.00	31.67 -0.19 0.00	32.10 -0.19 0.00	31.92 -0.13 0.00	32.66 0.42 0.00	31.21 0.82 0.00	31.06 0.90 0.00	33.83 0.99 0.00	38.55 1.62 0.00	42.08 2.12 0.00	45.74 2.51 0.01	48.18 2.68 0.01	50.87 2.83 0.01	59.18 3.35 0.01	68.75 3.95 0.00	76.32 4.18 0.00	76.53 3.78 0.00	68.27 3.31 0.00	59.01 2.22 0.00	50.66 2.00 0.00	45.93 1.68 0.00
STEEL___WIND 323596	41.71 1.49 0.00	36.08 0.64 0.00	33.97 0.73 0.00	31.38 0.43 0.00	31.92 0.06 0.00	32.20 -0.10 0.00	32.24 0.19 0.00	33.44 1.19 0.00	32.30 1.92 0.00	32.23 2.08 0.00	35.01 2.17 0.00	40.29 3.36 0.00	44.15 4.19 -0.03	48.25 4.97 -0.03	50.81 5.28 -0.03	53.70 5.62 -0.03	62.40 6.53 -0.03	71.67 6.87 -0.01	79.13 7.00 0.00	79.08 6.33 0.00	70.86 5.91 0.00	60.38 3.58 0.00	52.36 3.70 0.00	47.66 3.41 0.00
STEPHTWN_115KV_BK_2 55603	40.50 0.28 0.00	35.93 0.50 0.00	33.77 0.53 0.00	31.51 0.56 0.00	32.47 0.61 0.00	32.87 0.58 0.00	32.62 0.58 0.00	32.63 0.39 0.00	30.63 0.24 0.00	30.27 0.12 0.00	32.98 0.13 0.00	36.65 -0.04 0.24	39.35 -0.16 0.45	42.08 -0.52 0.65	44.47 -0.36 0.67	47.17 -0.48 0.39	55.33 -0.50 0.00	64.54 -0.26 0.00	72.14 0.00 0.00	72.75 0.00 0.00	64.69 -0.26 0.00	56.68 -0.11 0.00	48.57 -0.10 0.00	44.20 -0.04 0.00
STEUBEN_REC_LFGE 323667	41.30 1.09 0.00	35.86 0.43 0.00	33.61 0.37 0.00	30.92 -0.03 0.00	31.73 -0.13 0.00	32.29 0.00 0.00	32.33 0.29 0.00	32.95 0.71 0.00	31.48 1.09 0.00	31.27 1.12 0.00	33.99 1.15 0.00	38.92 1.99 0.00	42.56 2.60 0.00	46.80 3.55 -0.01	49.61 4.10 -0.01	52.57 4.52 -0.01	60.87 5.03 -0.01	69.60 4.80 0.00	77.62 5.48 0.00	78.57 5.82 0.00	70.02 5.07 0.00	60.15 3.35 0.00	51.68 3.02 0.00	46.81 2.57 0.00
STILLWATER___SOLAR 323814	41.54 1.33 0.00	36.68 1.24 0.00	34.40 1.16 0.00	32.03 1.08 0.00	33.04 1.18 0.00	33.49 1.20 0.00	33.26 1.22 0.00	33.27 1.03 0.00	31.12 0.73 0.00	30.66 0.51 0.00	33.24 0.40 0.00	36.86 0.22 0.29	39.57 0.16 0.55	42.59 0.13 0.79	44.96 0.27 0.82	47.91 0.34 0.48	56.51 0.67 0.00	66.10 1.30 0.00	74.37 2.24 0.00	75.30 2.55 0.00	67.23 2.27 0.00	58.73 1.93 0.00	50.22 1.56 0.00	45.66 1.42 0.00
STONY___BROOK 24151	42.27 2.05 0.00	37.03 1.60 0.00	34.47 1.23 0.00	31.97 1.02 0.00	32.81 0.95 0.00	33.20 0.90 0.00	32.75 0.70 0.00	33.01 0.77 0.00	31.33 0.94 0.00	31.51 1.36 0.00	35.01 2.17 0.00	39.62 2.40 -0.29	43.09 2.60 -0.53	45.08 1.08 -0.75	46.47 0.18 -0.78	49.16 0.67 -0.45	56.44 0.62 0.01	64.92 0.13 0.01	71.90 -0.22 0.02	67.28 0.22 5.69	49.04 -0.13 15.78	48.06 -0.23 8.51	46.94 -0.10 1.63	44.20 -0.04 0.00
STURGEON_POOL_HYD 23609	41.06 0.84 0.00	36.25 0.82 0.00	33.97 0.73 0.00	31.69 0.74 0.00	32.59 0.73 0.00	33.00 0.71 0.00	32.81 0.77 0.00	32.95 0.71 0.00	31.03 0.64 0.00	30.82 0.66 0.00	33.67 0.82 0.00	37.99 0.92 -0.13	41.25 1.04 -0.25	44.82 1.21 -0.36	47.11 1.23 -0.38	49.30 1.20 -0.05	56.34 1.28 0.78	64.82 1.49 1.47	73.36 1.23 0.00	74.27 1.53 0.01	65.67 0.71 0.00	57.47 0.68 0.00	49.33 0.92 0.25	45.13 0.88 0.00

ST_LAW_115_BK7_LBMP 345037	40.70 0.48 0.00	35.86 0.43 0.00	33.61 0.37 0.00	31.26 0.31 0.00	32.18 0.32 0.00	32.62 0.32 0.00	32.40 0.35 0.00	32.53 0.29 0.00	30.66 0.27 0.00	30.45 0.30 0.00	33.21 0.36 0.00	37.34 0.41 0.00	40.32 0.36 0.00	43.68 0.43 0.00	45.91 0.41 0.00	48.43 0.38 0.00	56.23 0.39 0.00	65.19 0.39 0.00	72.35 0.22 0.00	72.97 0.22 0.00	65.17 0.26 0.04	56.64 0.63 0.79	47.61 0.54 1.59	42.80 0.57 2.02
ST_LAW_115_BK8_LBMP 345038	40.70 0.48 0.00	35.86 0.43 0.00	33.61 0.37 0.00	31.26 0.31 0.00	32.18 0.32 0.00	32.62 0.32 0.00	32.40 0.35 0.00	32.53 0.29 0.00	30.66 0.27 0.00	30.45 0.30 0.00	33.21 0.36 0.00	37.34 0.41 0.00	40.32 0.36 0.00	43.68 0.43 0.00	45.91 0.41 0.00	48.43 0.38 0.00	56.23 0.39 0.00	65.19 0.39 0.00	72.35 0.22 0.00	72.97 0.22 0.00	65.17 0.26 0.04	56.64 0.63 0.79	47.61 0.54 1.59	42.80 0.57 2.02
ST_LAW_230_BK5_LBMP 345035	40.62 0.40 0.00	35.79 0.35 0.00	33.54 0.30 0.00	31.23 0.28 0.00	32.11 0.25 0.00	32.58 0.29 0.00	32.33 0.29 0.00	32.50 0.26 0.00	30.63 0.24 0.00	30.42 0.27 0.00	33.17 0.33 0.00	37.30 0.37 0.00	40.28 0.32 0.00	43.68 0.43 0.00	45.87 0.36 0.00	48.38 0.34 0.00	56.17 0.34 0.00	65.19 0.39 0.00	72.35 0.22 0.00	72.90 0.15 0.00	65.19 0.26 0.02	56.85 0.51 0.46	48.17 0.44 0.93	43.55 0.49 1.18
ST_LAW_230_BK6_LBMP 345036	40.62 0.40 0.00	35.79 0.35 0.00	33.54 0.30 0.00	31.23 0.28 0.00	32.11 0.25 0.00	32.58 0.29 0.00	32.33 0.29 0.00	32.50 0.26 0.00	30.63 0.24 0.00	30.42 0.27 0.00	33.17 0.33 0.00	37.30 0.37 0.00	40.28 0.32 0.00	43.68 0.43 0.00	45.87 0.36 0.00	48.38 0.34 0.00	56.17 0.34 0.00	65.19 0.39 0.00	72.35 0.22 0.00	72.90 0.15 0.00	65.19 0.26 0.02	56.85 0.51 0.46	48.17 0.44 0.93	43.55 0.49 1.18
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	40.98 0.76 0.00	36.18 0.74 0.00	33.90 0.66 0.00	31.60 0.65 0.00	32.50 0.64 0.00	32.94 0.65 0.00	32.78 0.74 0.00	32.98 0.74 0.00	31.06 0.67 0.00	30.88 0.72 0.00	33.70 0.85 0.00	38.02 0.85 -0.24	41.33 0.92 -0.45	44.76 0.86 -0.65	47.04 0.86 -0.67	49.20 0.77 -0.39	56.62 0.78 0.00	65.58 0.78 0.00	72.86 0.72 0.00	73.62 0.87 0.00	65.34 0.39 0.00	57.19 0.40 0.00	49.20 0.54 0.00	44.91 0.66 0.00
SWANROAD_115KV_TB1 355699	40.94 0.72 0.00	35.44 0.00 0.00	33.34 0.10 0.00	30.58 -0.37 0.00	31.29 -0.57 0.00	31.68 -0.61 0.00	31.72 -0.32 0.00	32.56 0.32 0.00	31.48 1.09 0.00	31.63 1.48 0.00	34.13 1.28 0.00	39.11 2.18 0.00	42.76 2.80 0.00	46.53 3.24 -0.04	48.91 3.37 -0.04	51.59 3.51 -0.04	59.95 4.08 -0.04	69.09 4.28 -0.01	76.17 4.04 0.00	76.17 3.42 0.00	67.94 2.99 0.00	58.22 1.42 0.00	50.51 1.85 0.00	46.11 1.86 0.00
SYNERGY___BIOGAS 323694	42.15 1.93 0.00	36.57 1.13 0.00	34.24 1.00 0.00	31.45 0.50 0.00	32.24 0.38 0.00	32.68 0.39 0.00	32.59 0.54 0.00	33.53 1.29 0.00	32.27 1.88 0.00	32.20 2.05 0.00	34.88 2.04 0.00	39.96 3.03 0.00	43.64 3.68 0.00	47.77 4.37 -0.16	50.35 4.69 -0.16	53.20 5.00 -0.16	61.91 5.92 -0.15	71.58 6.74 -0.04	79.28 7.14 0.00	79.44 6.69 0.00	70.93 5.98 0.00	60.89 4.09 0.00	52.46 3.80 0.00	47.61 3.36 0.00
SYRACUSE___ENERGY_ST1 323597	40.06 -0.16 0.00	35.15 -0.28 0.00	32.97 -0.27 0.00	30.58 -0.37 0.00	31.48 -0.38 0.00	31.94 -0.36 0.00	31.72 -0.32 0.00	32.02 -0.23 0.00	30.27 -0.12 0.00	30.03 -0.12 0.00	32.68 -0.16 0.00	36.89 -0.04 0.00	40.00 0.04 0.00	43.42 0.17 0.00	45.78 0.27 0.00	48.43 0.38 0.00	56.34 0.50 0.00	65.45 0.65 0.00	72.93 0.79 0.00	73.55 0.80 0.00	65.60 0.65 0.00	57.14 0.34 0.00	48.91 0.24 0.00	44.29 0.04 0.00
SYRACUSE___ENERGY_ST2 323598	40.06 -0.16 0.00	35.15 -0.28 0.00	32.97 -0.27 0.00	30.58 -0.37 0.00	31.48 -0.38 0.00	31.94 -0.36 0.00	31.72 -0.32 0.00	32.02 -0.23 0.00	30.27 -0.12 0.00	30.03 -0.12 0.00	32.68 -0.16 0.00	36.89 -0.04 0.00	40.00 0.04 0.00	43.42 0.17 0.00	45.78 0.27 0.00	48.43 0.38 0.00	56.34 0.50 0.00	65.45 0.65 0.00	72.93 0.79 0.00	73.55 0.80 0.00	65.60 0.65 0.00	57.14 0.34 0.00	48.91 0.24 0.00	44.29 0.04 0.00
SYRACUSE___POWER 24017	39.98 -0.24 0.00	35.08 -0.35 0.00	32.91 -0.33 0.00	30.55 -0.40 0.00	31.41 -0.45 0.00	31.87 -0.42 0.00	31.66 -0.38 0.00	31.95 -0.29 0.00	30.21 -0.18 0.00	29.97 -0.18 0.00	32.61 -0.23 0.00	36.78 -0.15 0.00	39.88 -0.08 0.00	43.29 0.04 0.00	45.64 0.14 0.00	48.24 0.19 0.00	56.17 0.34 0.00	65.19 0.39 0.00	72.71 0.58 0.00	73.33 0.58 0.00	65.41 0.45 0.00	56.97 0.17 0.00	48.71 0.05 0.00	44.16 -0.09 0.00
TALLMAN_138KV_BK151 55660	41.10 0.88 0.00	36.32 0.89 0.00	34.00 0.76 0.00	31.69 0.74 0.00	32.59 0.73 0.00	33.04 0.74 0.00	32.91 0.87 0.00	33.11 0.87 0.00	31.24 0.85 0.00	31.09 0.93 0.00	33.93 1.08 0.00	38.26 1.07 -0.26	41.60 1.16 -0.48	45.06 1.12 -0.69	47.27 1.05 -0.72	49.42 0.96 -0.42	56.79 0.95 0.00	65.71 0.91 0.00	72.86 0.72 0.00	73.62 0.87 0.00	65.34 0.39 0.00	57.19 0.40 0.00	49.30 0.63 0.00	45.00 0.75 0.00
TEALLAVE_115KV_TB7 355573	39.86 -0.36 0.00	34.98 -0.46 0.00	32.81 -0.43 0.00	30.46 -0.50 0.00	31.35 -0.51 0.00	31.81 -0.48 0.00	31.56 -0.48 0.00	31.85 -0.39 0.00	30.11 -0.27 0.00	29.91 -0.24 0.00	32.55 -0.30 0.00	36.67 -0.26 0.00	39.76 -0.20 0.00	43.11 -0.13 0.00	45.46 -0.05 0.00	48.09 0.05 0.00	55.95 0.11 0.00	64.93 0.13 0.00	72.42 0.29 0.00	73.04 0.29 0.00	65.15 0.19 0.00	56.68 -0.11 0.00	48.52 -0.15 0.00	43.98 -0.27 0.00
TELGRAPH_34_KV_EAST 80808	41.62 1.41 0.00	36.08 0.64 0.00	33.84 0.60 0.00	31.08 0.12 0.00	31.80 -0.06 0.00	32.23 -0.06 0.00	32.21 0.16 0.00	33.18 0.94 0.00	32.00 1.61 0.00	32.02 1.87 0.00	34.65 1.81 0.00	39.74 2.81 0.00	43.36 3.40 0.00	47.28 3.98 -0.05	49.79 4.23 -0.05	52.61 4.52 -0.05	61.14 5.25 -0.05	70.52 5.70 -0.01	77.98 5.84 0.00	77.99 5.24 0.00	69.57 4.61 0.00	59.69 2.90 0.00	51.58 2.92 0.00	46.95 2.70 0.00
TEMPLE___115KV_TB 2 55572	39.90 -0.32 0.00	35.01 -0.43 0.00	32.81 -0.43 0.00	30.46 -0.50 0.00	31.35 -0.51 0.00	31.81 -0.48 0.00	31.56 -0.48 0.00	31.89 -0.35 0.00	30.14 -0.24 0.00	29.91 -0.24 0.00	32.58 -0.26 0.00	36.71 -0.22 0.00	39.80 -0.16 0.00	43.16 -0.09 0.00	45.50 0.00 0.00	48.09 0.05 0.00	56.00 0.17 0.00	64.99 0.19 0.00	72.50 0.36 0.00	73.04 0.29 0.00	65.15 0.19 0.00	56.74 -0.06 0.00	48.57 -0.10 0.00	44.03 -0.22 0.00
TIANA____69_KV_BK 1 55817	42.39 2.17 0.00	37.14 1.70 0.00	34.60 1.36 0.00	32.10 1.15 0.00	32.91 1.05 0.00	33.23 0.94 0.00	32.75 0.70 0.00	33.02 0.77 0.00	31.39 1.00 0.00	31.60 1.45 0.00	35.21 2.36 0.00	39.83 2.62 -0.28	43.32 2.84 -0.52	46.07 2.08 -0.75	47.79 1.50 -0.78	49.74 1.25 -0.45	57.17 1.34 0.01	66.48 1.68 0.01	73.20 1.08 0.02	68.20 1.16 5.72	49.49 0.39 15.86	48.53 0.28 8.55	47.32 0.29 1.64	45.75 1.50 0.00

TILDEN___115KV_TB1 80814	39.98 -0.24 0.00	35.08 -0.35 0.00	32.91 -0.33 0.00	30.55 -0.40 0.00	31.41 -0.45 0.00	31.87 -0.42 0.00	31.66 -0.38 0.00	31.95 -0.29 0.00	30.21 -0.18 0.00	29.97 -0.18 0.00	32.61 -0.23 0.00	36.78 -0.15 0.00	39.88 -0.08 0.00	43.29 0.04 0.00	45.64 0.14 0.00	48.24 0.19 0.00	56.17 0.34 0.00	65.19 0.39 0.00	72.71 0.58 0.00	73.33 0.58 0.00	65.41 0.45 0.00	56.97 0.17 0.00	48.71 0.05 0.00	44.16 -0.09 0.00
TRIGEN___CC 323695	41.83 1.61 0.00	36.78 1.35 0.00	34.30 1.06 0.00	31.88 0.93 0.00	32.72 0.86 0.00	33.10 0.81 0.00	32.78 0.74 0.00	33.05 0.81 0.00	31.27 0.88 0.00	31.33 1.18 0.00	34.65 1.81 0.00	39.13 1.92 -0.28	42.56 2.08 -0.52	45.56 1.56 -0.75	47.33 1.05 -0.78	49.21 0.72 -0.45	56.39 0.56 0.01	65.25 0.45 0.01	72.27 0.14 0.01	71.70 0.29 1.34	61.06 -0.19 3.70	54.69 -0.11 1.99	48.42 0.15 0.39	45.27 1.02 0.00
TRINITY___115KV___4 BK 55933	40.14 -0.08 0.00	35.65 0.21 0.00	33.51 0.27 0.00	31.29 0.34 0.00	32.21 0.35 0.00	32.62 0.32 0.00	32.37 0.32 0.00	32.40 0.16 0.00	30.39 0.00 0.00	30.06 -0.09 0.00	32.75 -0.10 0.00	36.35 -0.33 0.24	39.03 -0.48 0.45	41.77 -0.82 0.65	44.05 -0.77 0.68	46.74 -0.91 0.39	54.77 -1.06 0.00	63.89 -0.91 0.00	71.27 -0.87 0.00	71.73 -1.02 0.00	63.85 -1.10 0.00	55.95 -0.85 0.00	47.98 -0.68 0.00	43.72 -0.53 0.00
UNION___PROCESSING_DRP 323587	40.90 0.68 0.00	35.69 0.25 0.00	33.41 0.17 0.00	30.83 -0.12 0.00	31.67 -0.19 0.00	32.13 -0.16 0.00	31.92 -0.13 0.00	32.66 0.42 0.00	31.21 0.82 0.00	31.09 0.93 0.00	33.83 0.99 0.00	38.55 1.62 0.00	42.08 2.12 0.00	45.74 2.51 0.01	48.18 2.68 0.01	50.87 2.83 0.01	59.23 3.41 0.01	68.75 3.95 0.00	76.32 4.18 0.00	76.61 3.86 0.00	68.27 3.31 0.00	59.01 2.22 0.00	50.66 2.00 0.00	45.93 1.68 0.00
UPPER HUDSON___HYD 24058	41.59 1.37 0.00	36.68 1.24 0.00	34.34 1.10 0.00	31.94 0.99 0.00	32.94 1.08 0.00	33.45 1.16 0.00	33.20 1.15 0.00	33.21 0.97 0.00	31.06 0.67 0.00	30.57 0.42 0.00	32.94 0.10 0.00	36.55 -0.11 0.27	39.23 -0.24 0.49	42.18 -0.35 0.71	44.53 -0.23 0.74	47.47 -0.14 0.43	56.06 0.22 0.00	65.71 0.91 0.00	74.73 2.59 0.00	75.66 2.91 0.00	67.62 2.66 0.00	59.07 2.27 0.00	50.37 1.70 0.00	45.71 1.46 0.00
UPPER RAQUET___HYD 24056	41.75 1.53 0.00	36.71 1.27 0.00	34.37 1.13 0.00	31.94 0.99 0.00	32.75 0.89 0.00	33.20 0.90 0.00	33.01 0.96 0.00	33.08 0.84 0.00	31.18 0.79 0.00	30.97 0.81 0.00	33.83 0.98 0.00	38.00 1.07 0.00	40.96 1.00 0.00	44.50 1.25 0.00	46.78 1.27 0.00	49.34 1.30 0.00	57.23 1.40 0.00	66.35 1.55 0.00	73.58 1.44 0.00	74.43 1.67 0.00	67.02 1.75 -0.31	64.84 2.21 -5.83	62.28 1.80 -11.82	60.92 1.68 -14.99
VALLEY44_115KV_TB2 355964	39.61 -0.60 0.00	34.48 -0.96 0.00	32.21 -1.03 0.00	29.68 -1.27 0.00	30.43 -1.43 0.00	30.90 -1.39 0.00	31.08 -0.96 0.00	31.69 -0.55 0.00	30.48 0.09 0.00	30.39 0.24 0.00	33.01 0.16 0.00	37.93 1.00 0.00	41.44 1.48 0.00	46.69 3.42 -0.03	50.22 4.69 -0.03	53.50 5.43 -0.03	61.22 5.36 -0.03	67.27 2.46 -0.01	74.37 2.24 0.00	74.93 2.18 0.00	66.64 1.69 0.00	57.25 0.45 0.00	49.25 0.58 0.00	44.91 0.66 0.00
VALLEY___115KV_TB 1-4 80826	40.02 -0.20 0.00	35.26 -0.18 0.00	33.04 -0.20 0.00	30.77 -0.19 0.00	31.70 -0.16 0.00	32.13 -0.16 0.00	31.85 -0.19 0.00	32.05 -0.19 0.00	30.21 -0.18 0.00	29.91 -0.24 0.00	32.58 -0.26 0.00	36.63 -0.30 0.00	39.64 -0.32 0.00	42.94 -0.30 0.00	45.18 -0.32 0.00	47.80 -0.24 0.00	55.56 -0.28 0.00	64.48 -0.32 0.00	71.99 -0.14 0.00	72.68 -0.07 0.00	64.95 0.00 0.00	56.80 0.00 0.00	48.57 -0.10 0.00	44.07 -0.18 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	41.50 1.29 0.00	36.54 1.10 0.00	34.24 1.00 0.00	31.91 0.96 0.00	32.88 1.02 0.00	33.36 1.07 0.00	33.13 1.09 0.00	33.34 1.10 0.00	31.42 1.03 0.00	31.06 0.90 0.00	33.80 0.95 0.00	38.07 1.14 0.00	41.20 1.24 0.00	44.80 1.56 0.00	47.14 1.64 0.00	50.01 1.97 0.00	58.18 2.35 0.00	67.20 2.40 0.00	75.09 2.96 0.00	75.95 3.20 0.00	67.75 2.79 0.00	59.18 2.39 0.00	50.66 2.00 0.00	45.84 1.59 0.00
VISCHER___FERRY HYD 24020	40.98 0.76 0.00	36.25 0.82 0.00	34.04 0.80 0.00	31.73 0.77 0.00	32.69 0.83 0.00	33.13 0.84 0.00	32.91 0.87 0.00	32.98 0.74 0.00	30.94 0.55 0.00	30.52 0.36 0.00	33.17 0.33 0.00	36.68 0.11 0.36	39.33 0.04 0.67	42.24 -0.04 0.96	44.51 0.00 1.00	47.46 0.00 0.58	55.95 0.11 0.00	65.38 0.58 0.00	73.07 0.94 0.00	73.91 1.16 0.00	65.93 0.98 0.00	57.65 0.85 0.00	49.34 0.68 0.00	45.00 0.75 0.00
V_A_10_SYNC_DSASP 323832	40.74 0.52 0.00	35.37 -0.07 0.00	33.21 -0.03 0.00	30.52 -0.43 0.00	31.25 -0.61 0.00	31.68 -0.61 0.00	31.66 -0.38 0.00	32.69 0.45 0.00	31.48 1.09 0.00	31.36 1.21 0.00	34.03 1.18 0.00	39.00 2.07 0.00	42.64 2.68 0.00	46.22 2.94 -0.03	48.54 3.00 -0.03	51.15 3.07 -0.03	59.55 3.69 -0.03	68.96 4.15 -0.01	76.10 3.97 0.00	76.17 3.42 0.00	67.88 2.92 0.00	58.39 1.59 0.00	50.56 1.90 0.00	46.06 1.81 0.00
V_CMM_10_SYNC_DSASP 323787	40.86 0.64 0.00	36.00 0.57 0.00	33.74 0.50 0.00	31.42 0.46 0.00	32.31 0.45 0.00	32.74 0.45 0.00	32.53 0.48 0.00	32.69 0.45 0.00	30.78 0.39 0.00	30.60 0.45 0.00	33.37 0.52 0.00	37.52 0.59 0.00	40.52 0.56 0.00	43.93 0.69 0.00	46.19 0.68 0.00	48.67 0.62 0.00	56.51 0.67 0.00	65.51 0.71 0.00	72.71 0.57 0.00	73.33 0.58 0.00	65.49 0.58 0.04	56.92 0.91 0.79	47.85 0.78 1.59	43.06 0.84 2.02
V_CMP_10_SYNC_DSASP 323788	41.59 1.37 0.00	36.61 1.17 0.00	34.30 1.06 0.00	31.91 0.96 0.00	32.81 0.95 0.00	33.26 0.97 0.00	33.07 1.03 0.00	33.24 1.00 0.00	31.36 0.97 0.00	31.21 1.05 0.00	34.06 1.22 0.00	38.26 1.33 0.00	41.32 1.36 0.00	44.85 1.60 0.00	46.73 1.23 0.00	48.95 0.91 0.00	56.84 1.01 0.00	65.97 1.17 0.00	73.22 1.08 0.00	73.84 1.09 0.00	66.08 1.10 -0.02	58.52 1.31 -0.41	50.48 0.97 -0.84	46.60 1.28 -1.06
V_D_10_SYNC_DSASP 323841	41.38 1.17 0.00	36.47 1.03 0.00	34.17 0.93 0.00	31.79 0.84 0.00	32.66 0.80 0.00	33.10 0.81 0.00	32.91 0.87 0.00	33.01 0.77 0.00	31.12 0.73 0.00	30.93 0.78 0.00	33.76 0.92 0.00	37.93 1.00 0.00	40.92 0.96 0.00	44.41 1.17 0.00	46.68 1.18 0.00	49.25 1.20 0.00	57.17 1.34 0.00	66.29 1.49 0.00	73.29 1.15 0.00	73.91 1.16 0.00	66.64 1.23 -0.46	66.88 1.59 -8.50	67.29 1.41 -17.22	67.50 1.42 -21.84
V_E_10_SYNC_DSASP 323830	42.83 2.61 0.00	37.46 2.02 0.00	35.03 1.79 0.00	32.56 1.61 0.00	33.52 1.66 0.00	34.10 1.81 0.00	34.03 1.99 0.00	34.34 2.09 0.00	32.39 2.01 0.00	31.69 1.54 0.00	34.36 1.51 0.00	38.92 1.99 0.00	42.12 2.16 0.00	46.31 3.07 0.00	49.10 3.59 0.00	52.27 4.23 0.00	61.03 5.19 0.00	70.50 5.70 0.00	79.78 7.64 0.00	81.11 8.36 0.00	72.55 7.60 0.00	62.93 6.14 0.00	53.58 4.91 0.00	47.96 3.72 0.00

V_F_30_NSYNC___DSASP 323816	41.62 1.41 0.00	36.71 1.27 0.00	34.43 1.19 0.00	32.06 1.11 0.00	33.07 1.21 0.00	33.55 1.26 0.00	33.29 1.25 0.00	33.34 1.10 0.00	31.18 0.79 0.00	30.72 0.57 0.00	33.30 0.46 0.00	36.98 0.33 0.28	39.72 0.28 0.52	42.79 0.30 0.75	45.13 0.41 0.78	48.07 0.48 0.46	56.67 0.84 0.00	66.29 1.49 0.00	74.51 2.38 0.00	75.44 2.69 0.00	67.36 2.40 0.00	58.84 2.04 0.00	50.32 1.66 0.00	45.75 1.51 0.00
V_F_30_SYNC_DSASP 323786	40.34 0.12 0.00	35.76 0.32 0.00	33.61 0.37 0.00	31.38 0.43 0.00	32.34 0.48 0.00	32.74 0.45 0.00	32.49 0.45 0.00	32.50 0.26 0.00	30.51 0.12 0.00	30.15 0.00 0.00	32.84 0.00 0.00	36.50 -0.18 0.25	39.14 -0.36 0.46	41.93 -0.65 0.67	44.26 -0.55 0.69	46.97 -0.67 0.40	55.11 -0.73 0.00	64.22 -0.58 0.00	71.70 -0.43 0.00	72.17 -0.58 0.00	64.24 -0.71 0.00	56.29 -0.51 0.00	48.23 -0.44 0.00	43.89 -0.35 0.00
V_XM_10_SYNC_DSASP 323789	41.59 1.37 0.00	36.61 1.17 0.00	34.30 1.06 0.00	31.91 0.96 0.00	32.81 0.95 0.00	33.26 0.97 0.00	33.07 1.03 0.00	33.24 1.00 0.00	31.36 0.97 0.00	31.21 1.05 0.00	34.06 1.22 0.00	38.26 1.33 0.00	41.32 1.36 0.00	44.85 1.60 0.00	46.73 1.23 0.00	48.95 0.91 0.00	56.84 1.01 0.00	65.97 1.17 0.00	73.22 1.08 0.00	73.84 1.09 0.00	66.08 1.10 -0.02	58.52 1.31 -0.41	50.48 0.97 -0.84	46.60 1.28 -1.06
W.BABYLN_69_KV_BK1 56697	42.59 2.37 0.00	37.35 1.91 0.00	34.77 1.53 0.00	32.31 1.36 0.00	33.13 1.27 0.00	33.46 1.16 0.00	33.04 0.99 0.00	33.31 1.06 0.00	31.60 1.22 0.00	31.75 1.60 0.00	35.24 2.40 0.00	39.87 2.66 -0.28	43.36 2.88 -0.52	46.16 2.16 -0.75	47.83 1.55 -0.78	49.55 1.06 -0.45	56.83 1.01 0.01	65.89 1.10 0.01	72.77 0.65 0.01	68.43 0.73 5.05	51.15 0.19 14.00	49.42 0.17 7.55	47.70 0.49 1.45	45.93 1.68 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	41.26 1.05 0.00	36.47 1.03 0.00	34.14 0.90 0.00	31.82 0.87 0.00	32.72 0.86 0.00	33.16 0.87 0.00	33.04 0.99 0.00	33.24 1.00 0.00	31.33 0.94 0.00	31.18 1.03 0.00	34.06 1.22 0.00	38.41 1.22 -0.26	41.77 1.32 -0.49	45.25 1.30 -0.70	47.51 1.27 -0.73	49.62 1.15 -0.43	57.01 1.17 0.00	66.03 1.23 0.00	73.22 1.08 0.00	74.06 1.31 0.00	65.67 0.71 0.00	57.48 0.68 0.00	49.49 0.83 0.00	45.18 0.93 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	41.54 1.33 0.00	36.64 1.20 0.00	34.30 1.06 0.00	31.97 1.02 0.00	32.85 0.99 0.00	33.26 0.97 0.00	33.17 1.12 0.00	33.43 1.19 0.00	31.54 1.15 0.00	31.48 1.33 0.00	34.32 1.48 0.00	38.76 1.55 -0.28	42.20 1.72 -0.52	45.69 1.69 -0.75	47.92 1.64 -0.78	49.99 1.49 -0.46	57.23 1.40 0.00	66.10 1.30 0.00	73.22 1.08 0.00	73.99 1.24 0.00	65.67 0.71 0.00	57.48 0.68 0.00	49.73 1.07 0.00	45.44 1.19 0.00
W50THST__13_KV_LOAD 356117	41.71 1.49 0.00	36.78 1.35 0.00	34.44 1.20 0.00	32.10 1.15 0.00	32.98 1.12 0.00	33.39 1.10 0.00	33.29 1.25 0.00	33.60 1.35 0.00	31.72 1.34 0.00	31.63 1.48 0.00	34.52 1.68 0.00	38.98 1.77 -0.28	42.44 1.96 -0.52	45.94 1.95 -0.75	48.20 1.91 -0.78	50.28 1.78 -0.46	57.57 1.73 0.00	66.48 1.68 0.00	73.65 1.51 0.00	74.42 1.67 0.00	66.06 1.10 0.00	57.76 0.97 0.00	49.98 1.31 0.00	45.66 1.42 0.00
WADING RIVER_IC_1 23522	41.75 1.53 0.00	36.61 1.17 0.00	34.07 0.83 0.00	31.57 0.62 0.00	32.40 0.54 0.00	32.78 0.49 0.00	32.30 0.26 0.00	32.53 0.29 0.00	30.87 0.48 0.00	31.09 0.94 0.00	34.58 1.74 0.00	39.10 1.88 -0.29	42.53 2.04 -0.53	44.48 0.48 -0.75	45.88 -0.41 -0.78	48.54 0.05 -0.45	55.83 0.00 0.01	64.53 -0.26 0.01	71.47 -0.65 0.02	66.53 -0.51 5.72	48.31 -0.78 15.86	47.45 -0.80 8.55	46.39 -0.63 1.64	43.67 -0.58 0.00
WADING RIVER_IC_2 23547	41.75 1.53 0.00	36.61 1.17 0.00	34.07 0.83 0.00	31.57 0.62 0.00	32.40 0.54 0.00	32.78 0.49 0.00	32.30 0.26 0.00	32.53 0.29 0.00	30.87 0.48 0.00	31.09 0.94 0.00	34.58 1.74 0.00	39.10 1.88 -0.29	42.53 2.04 -0.53	44.48 0.48 -0.75	45.88 -0.41 -0.78	48.54 0.05 -0.45	55.83 0.00 0.01	64.53 -0.26 0.01	71.47 -0.65 0.02	66.53 -0.51 5.72	48.31 -0.78 15.86	47.45 -0.80 8.55	46.39 -0.63 1.64	43.67 -0.58 0.00
WADING RIVER_IC_3 23601	41.75 1.53 0.00	36.61 1.17 0.00	34.07 0.83 0.00	31.57 0.62 0.00	32.40 0.54 0.00	32.78 0.49 0.00	32.30 0.26 0.00	32.53 0.29 0.00	30.87 0.48 0.00	31.09 0.94 0.00	34.58 1.74 0.00	39.10 1.88 -0.29	42.53 2.04 -0.53	44.48 0.48 -0.75	45.88 -0.41 -0.78	48.54 0.05 -0.45	55.83 0.00 0.01	64.53 -0.26 0.01	71.47 -0.65 0.02	66.53 -0.51 5.72	48.31 -0.78 15.86	47.45 -0.80 8.55	46.39 -0.63 1.64	43.67 -0.58 0.00
WALDENNY_12_KV_BK2 80841	41.79 1.57 0.00	36.11 0.67 0.00	33.94 0.70 0.00	31.11 0.15 0.00	31.83 -0.03 0.00	32.26 -0.03 0.00	32.33 0.29 0.00	33.43 1.19 0.00	32.33 1.94 0.00	32.32 2.17 0.00	35.08 2.23 0.00	40.36 3.43 0.00	44.24 4.28 0.00	48.29 5.02 -0.03	50.86 5.32 -0.03	53.80 5.72 -0.03	62.51 6.64 -0.03	71.81 7.00 -0.01	79.20 7.07 0.00	79.15 6.40 0.00	70.61 5.65 0.00	60.43 3.64 0.00	52.26 3.60 0.00	47.57 3.32 0.00
WALDEN__HYDRO 24148	41.14 0.92 0.00	36.36 0.92 0.00	34.00 0.76 0.00	31.72 0.77 0.00	32.62 0.76 0.00	33.07 0.78 0.00	32.91 0.87 0.00	33.08 0.84 0.00	31.15 0.76 0.00	30.94 0.78 0.00	33.76 0.92 0.00	38.03 0.89 -0.22	41.37 1.00 -0.41	44.87 1.04 -0.59	47.16 1.05 -0.61	49.41 1.01 -0.36	56.90 1.06 0.00	66.03 1.23 0.00	73.29 1.15 0.00	74.13 1.38 0.00	65.80 0.84 0.00	57.54 0.74 0.00	49.49 0.83 0.00	45.13 0.88 0.00
WARRENSBURG____ 23737	41.58 1.37 0.00	36.68 1.24 0.00	34.34 1.10 0.00	31.97 1.02 0.00	32.98 1.12 0.00	33.46 1.16 0.00	33.20 1.15 0.00	33.21 0.97 0.00	31.06 0.67 0.00	30.57 0.42 0.00	32.94 0.10 0.00	36.55 -0.11 0.27	39.22 -0.24 0.49	42.05 -0.48 0.71	44.58 -0.18 0.74	47.47 -0.14 0.43	56.06 0.22 0.00	65.71 0.91 0.00	74.73 2.60 0.00	75.66 2.91 0.00	67.55 2.60 0.00	59.07 2.27 0.00	50.37 1.70 0.00	45.71 1.46 0.00
WATERSIDE____6 8 9 23538	41.75 1.53 0.00	36.82 1.38 0.00	34.47 1.23 0.00	32.13 1.18 0.00	33.01 1.15 0.00	33.42 1.13 0.00	33.23 1.19 0.00	33.31 1.06 0.00	31.36 0.97 0.00	31.36 1.21 0.00	34.22 1.38 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.51 1.51 -0.75	47.74 1.46 -0.78	49.56 1.06 -0.46	56.67 0.84 0.00	65.51 0.71 0.00	72.57 0.43 0.00	73.41 0.65 0.00	65.15 0.19 0.00	56.97 0.17 0.00	49.69 1.02 0.00	45.66 1.42 0.00
WATKINRD_115KV_LN8_ILLION 55919	40.02 -0.20 0.00	35.26 -0.18 0.00	33.04 -0.20 0.00	30.80 -0.15 0.00	31.73 -0.13 0.00	32.16 -0.13 0.00	31.88 -0.16 0.00	32.05 -0.19 0.00	30.21 -0.18 0.00	29.94 -0.21 0.00	32.58 -0.26 0.00	36.67 -0.26 0.00	39.64 -0.32 0.00	42.94 -0.30 0.00	45.18 -0.32 0.00	47.76 -0.29 0.00	55.56 -0.28 0.00	64.48 -0.32 0.00	71.92 -0.22 0.00	72.68 -0.07 0.00	64.89 -0.06 0.00	56.68 -0.11 0.00	48.52 -0.15 0.00	44.03 -0.22 0.00

WDELAWARE___HYD 323627	41.06 0.85 0.00	36.25 0.82 0.00	33.90 0.66 0.00	31.60 0.65 0.00	32.50 0.64 0.00	32.97 0.68 0.00	32.78 0.74 0.00	32.95 0.71 0.00	31.03 0.64 0.00	30.79 0.63 0.00	33.57 0.72 0.00	37.80 0.70 -0.17	41.12 0.84 -0.32	44.62 0.91 -0.47	46.94 0.96 -0.48	49.37 1.11 -0.22	56.90 1.34 0.27	65.84 1.55 0.52	73.86 1.73 0.00	74.71 1.97 0.00	66.38 1.43 0.00	57.93 1.14 0.00	49.64 1.07 0.09	45.18 0.93 0.00
WEST BABYLON___IC 23714	42.59 2.37 0.00	37.35 1.91 0.00	34.77 1.53 0.00	32.31 1.36 0.00	33.13 1.27 0.00	33.46 1.16 0.00	33.04 0.99 0.00	33.31 1.06 0.00	31.60 1.22 0.00	31.75 1.60 0.00	35.24 2.40 0.00	39.87 2.66 -0.28	43.36 2.88 -0.52	46.16 2.16 -0.75	47.83 1.55 -0.78	49.55 1.06 -0.45	56.83 1.01 0.01	65.89 1.10 0.01	72.77 0.65 0.01	68.43 0.73 5.05	51.15 0.19 14.00	49.42 0.17 7.55	47.70 0.49 1.45	45.93 1.68 0.00
WEST CANADA___HYD 24049	40.14 -0.08 0.00	35.37 -0.07 0.00	33.21 -0.03 0.00	30.92 -0.03 0.00	31.83 -0.03 0.00	32.26 -0.03 0.00	32.01 -0.03 0.00	32.18 -0.06 0.00	30.33 -0.06 0.00	30.06 -0.09 0.00	32.75 -0.10 0.00	36.82 -0.11 0.00	39.84 -0.12 0.00	43.11 -0.13 0.00	45.37 -0.14 0.00	47.95 -0.10 0.00	55.72 -0.11 0.00	64.67 -0.13 0.00	72.06 -0.07 0.00	72.75 0.00 0.00	64.89 -0.06 0.00	56.74 -0.06 0.00	48.57 -0.10 0.00	44.16 -0.09 0.00
WESTERN_NY_WIND 24143	42.15 1.93 0.00	36.54 1.10 0.00	34.24 1.00 0.00	31.42 0.46 0.00	32.21 0.35 0.00	32.65 0.36 0.00	32.56 0.51 0.00	33.50 1.26 0.00	32.24 1.85 0.00	32.20 2.05 0.00	34.88 2.04 0.00	39.96 3.03 0.00	43.64 3.68 0.00	47.74 4.37 -0.13	50.28 4.64 -0.13	53.17 5.00 -0.13	61.89 5.92 -0.13	71.51 6.67 -0.03	79.20 7.07 0.00	79.37 6.62 0.00	70.86 5.91 0.00	60.83 4.03 0.00	52.41 3.75 0.00	47.57 3.32 0.00
WESTOVER___LESR 323668	40.50 0.28 0.00	35.51 0.07 0.00	33.31 0.07 0.00	30.89 -0.06 0.00	31.80 -0.06 0.00	32.26 -0.03 0.00	32.11 0.06 0.00	32.44 0.19 0.00	30.72 0.33 0.00	30.48 0.33 0.00	33.17 0.33 0.00	37.56 0.63 0.00	40.80 0.84 0.00	44.46 1.21 -0.01	46.96 1.46 -0.01	49.68 1.63 -0.01	57.74 1.90 -0.01	66.36 1.56 0.00	73.87 1.73 0.00	74.57 1.82 0.00	66.45 1.49 0.00	57.76 0.97 0.00	49.54 0.88 0.00	45.00 0.75 0.00
WETHRSFD_WT_PWR 323626	41.10 0.88 0.00	35.54 0.11 0.00	33.37 0.13 0.00	30.86 -0.09 0.00	31.48 -0.38 0.00	31.84 -0.45 0.00	31.85 -0.19 0.00	32.73 0.48 0.00	31.36 0.97 0.00	31.24 1.08 0.00	33.93 1.08 0.00	38.96 2.03 0.00	42.68 2.72 0.00	46.68 3.42 -0.03	49.35 3.82 -0.03	52.11 4.04 -0.03	60.44 4.58 -0.03	69.34 4.53 -0.01	76.90 4.76 0.00	77.41 4.66 0.00	69.37 4.42 0.00	59.36 2.56 0.00	51.34 2.67 0.00	46.68 2.43 0.00
WHAVSTOR_138KV_BK127 55557	41.02 0.80 0.00	36.29 0.85 0.00	33.97 0.73 0.00	31.69 0.74 0.00	32.56 0.70 0.00	33.00 0.71 0.00	32.88 0.83 0.00	33.08 0.84 0.00	31.21 0.82 0.00	31.06 0.90 0.00	33.90 1.05 0.00	38.23 1.03 -0.26	41.53 1.08 -0.49	44.95 0.99 -0.71	47.19 0.96 -0.73	49.29 0.82 -0.43	56.62 0.78 0.00	65.51 0.71 0.00	72.64 0.50 0.00	73.48 0.73 0.00	65.21 0.26 0.00	57.02 0.23 0.00	49.15 0.49 0.00	44.91 0.66 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	41.02 0.80 0.00	36.29 0.85 0.00	33.97 0.73 0.00	31.69 0.74 0.00	32.56 0.70 0.00	33.00 0.71 0.00	32.88 0.83 0.00	33.08 0.84 0.00	31.21 0.82 0.00	31.06 0.90 0.00	33.90 1.05 0.00	38.23 1.03 -0.26	41.53 1.08 -0.49	44.95 0.99 -0.71	47.19 0.96 -0.73	49.29 0.82 -0.43	56.62 0.78 0.00	65.51 0.71 0.00	72.64 0.50 0.00	73.48 0.73 0.00	65.21 0.26 0.00	57.02 0.23 0.00	49.15 0.49 0.00	44.91 0.66 0.00
WHITEHAL_115KV_TB1 80871	42.43 2.21 0.00	37.39 1.95 0.00	34.97 1.73 0.00	32.53 1.58 0.00	33.55 1.69 0.00	34.07 1.78 0.00	33.78 1.73 0.00	33.72 1.48 0.00	31.48 1.09 0.00	30.97 0.81 0.00	33.37 0.53 0.00	37.03 0.37 0.27	39.69 0.24 0.51	42.64 0.13 0.73	45.29 0.55 0.76	48.27 0.67 0.44	57.12 1.28 0.00	67.07 2.27 0.00	76.54 4.40 0.00	77.63 4.87 0.00	69.31 4.35 0.00	60.49 3.69 0.00	51.53 2.87 0.00	46.73 2.48 0.00
WHITEPLN_13_KV_LOAD 356215	41.95 1.73 0.00	36.78 1.35 0.00	34.57 1.33 0.00	32.07 1.11 0.00	32.98 1.12 0.00	33.42 1.13 0.00	33.26 1.22 0.00	33.50 1.26 0.00	31.66 1.28 0.00	31.51 1.36 0.00	34.42 1.58 0.00	38.91 1.70 -0.28	42.36 1.88 -0.52	45.94 1.95 -0.75	48.15 1.87 -0.78	50.28 1.78 -0.45	57.73 1.90 0.00	66.81 2.01 0.00	74.01 1.88 0.00	74.93 2.18 0.00	66.45 1.49 0.00	58.16 1.36 0.00	50.07 1.41 0.00	45.71 1.46 0.00
WM_FLOYD_69_KV_BK2 356380	42.11 1.89 0.00	36.93 1.49 0.00	34.40 1.16 0.00	31.94 0.99 0.00	32.75 0.89 0.00	33.07 0.78 0.00	32.62 0.58 0.00	32.85 0.61 0.00	31.18 0.79 0.00	31.36 1.21 0.00	34.88 2.04 0.00	39.42 2.22 -0.28	42.84 2.36 -0.52	45.51 1.51 -0.75	47.15 0.86 -0.78	48.97 0.48 -0.45	56.22 0.39 0.01	65.38 0.58 0.01	72.05 -0.07 0.02	67.12 0.07 5.71	48.74 -0.39 15.83	47.87 -0.40 8.53	46.83 -0.19 1.63	45.35 1.11 0.00
WOODARD___115KV_TB2 355635	39.77 -0.44 0.00	34.94 -0.50 0.00	32.74 -0.50 0.00	30.43 -0.53 0.00	31.32 -0.54 0.00	31.74 -0.55 0.00	31.50 -0.54 0.00	31.82 -0.42 0.00	30.08 -0.30 0.00	29.85 -0.30 0.00	32.48 -0.36 0.00	36.63 -0.30 0.00	39.68 -0.28 0.00	43.07 -0.17 0.00	45.41 -0.09 0.00	48.00 -0.05 0.00	55.84 0.00 0.00	64.86 0.06 0.00	72.28 0.14 0.00	72.90 0.15 0.00	65.02 0.06 0.00	56.63 -0.17 0.00	48.47 -0.19 0.00	43.94 -0.31 0.00
WOODMERE_69_KV_BK1 55827	42.43 2.21 0.00	37.25 1.81 0.00	34.70 1.46 0.00	32.25 1.30 0.00	33.10 1.24 0.00	33.46 1.16 0.00	33.10 1.06 0.00	33.37 1.13 0.00	31.60 1.22 0.00	31.69 1.54 0.00	35.11 2.27 0.00	39.68 2.47 -0.28	43.20 2.72 -0.52	46.29 2.29 -0.75	48.11 1.82 -0.78	50.08 1.59 -0.45	57.45 1.62 0.01	66.54 1.75 0.01	73.64 1.51 0.01	73.68 1.53 0.60	64.20 0.84 1.60	56.67 0.74 0.87	49.37 0.88 0.17	45.93 1.68 0.00
YORK___WARBASSE 23770	41.95 1.73 0.00	36.96 1.52 0.00	34.60 1.36 0.00	32.22 1.27 0.00	33.10 1.24 0.00	33.49 1.19 0.00	33.20 1.15 0.00	33.24 1.00 0.00	31.27 0.88 0.00	31.30 1.15 0.00	34.19 1.35 0.00	38.61 1.40 -0.28	42.04 1.56 -0.52	45.60 1.60 -0.75	47.88 1.59 -0.78	49.60 1.11 -0.46	56.90 1.06 0.00	65.97 1.17 0.00	73.07 0.94 0.00	73.92 1.16 0.00	65.60 0.65 0.00	57.19 0.40 0.00	49.83 1.17 0.00	45.97 1.73 0.00