

Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion										06/14/2026	
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	46.88	42.87	38.42	37.14	36.13	35.29	35.47	33.52	34.70	36.88	41.08	46.59	56.20	58.32	60.40	64.17	78.19	83.59	79.62	70.19	69.77	61.55	53.95	49.02								
		3.59	3.10	2.68	2.36	2.30	2.18	2.29	2.48	2.70	2.79	3.42	4.14	4.66	5.09	5.37	5.98	7.30	7.74	6.97	5.97	6.05	5.38	4.90	4.21								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.19	0.00	-0.05	-0.61	-6.75	-5.18	-2.40	-0.10	-0.03	0.01	0.01	0.00	0.00	-2.36	-0.01	-0.01								
74TH STREET_GT_1	24260	46.97	42.95	38.49	37.21	36.20	35.39	35.47	33.55	34.69	36.88	41.05	46.72	58.00	59.64	61.00	64.14	78.08	83.59	79.54	70.19	69.83	61.56	53.95	49.07								
		3.68	3.18	2.75	2.43	2.37	2.28	2.29	2.51	2.64	2.79	3.38	4.10	4.61	5.00	5.32	5.92	7.16	7.74	6.90	5.97	6.12	5.38	4.90	4.26								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	0.00	-0.07	-0.78	-8.59	-6.59	-3.06	-0.13	-0.06	0.01	0.01	0.00	0.00	-2.36	-0.02	-0.01								
74TH STREET_GT_2	24261	46.97	42.95	38.49	37.21	36.20	35.39	35.47	33.55	34.69	36.88	41.05	46.72	58.00	59.64	61.00	64.14	78.08	83.59	79.54	70.19	69.83	61.56	53.95	49.07								
		3.68	3.18	2.75	2.43	2.37	2.28	2.29	2.51	2.64	2.79	3.38	4.10	4.61	5.00	5.32	5.92	7.16	7.74	6.90	5.97	6.12	5.38	4.90	4.26								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	0.00	-0.07	-0.78	-8.59	-6.59	-3.06	-0.13	-0.06	0.01	0.01	0.00	0.00	-2.36	-0.02	-0.01								
ADK HUDSON___FALLS	24011	45.32	41.68	37.38	36.48	35.36	34.59	34.58	32.28	32.70	34.97	38.50	42.76	45.83	49.49	54.37	60.76	75.11	80.87	77.67	69.03	68.75	68.52	52.42	47.58								
		2.03	1.91	1.64	1.70	1.52	1.49	1.39	1.24	0.89	0.89	0.90	0.92	1.03	1.44	1.74	2.67	4.25	5.01	5.01	4.82	5.03	4.20	3.38	2.78								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.50	0.00	0.00								
ADK RESOURCE___RCVRY	23798	45.41	41.80	37.45	36.58	35.42	34.66	34.64	32.34	32.73	35.00	38.54	42.80	45.87	49.49	54.47	60.93	75.40	81.33	78.11	69.48	69.25	68.88	52.71	47.81								
		2.12	2.03	1.72	1.81	1.59	1.56	1.46	1.30	0.92	0.92	0.94	0.96	1.07	1.44	1.84	2.85	4.54	5.47	5.45	5.27	5.54	4.52	3.68	3.00								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.54	0.00	0.00								
ADK S GLENS___FALLS	24028	45.32	41.68	37.38	36.48	35.36	34.59	34.58	32.28	32.70	34.97	38.50	42.76	45.83	49.49	54.37	60.76	75.11	80.87	77.67	69.03	68.75	68.52	52.42	47.58								
		2.03	1.91	1.64	1.70	1.52	1.49	1.39	1.24	0.89	0.89	0.90	0.92	1.03	1.44	1.74	2.67	4.25	5.01	5.01	4.82	5.03	4.20	3.38	2.78								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.50	0.00	0.00								
ADK_NYS___DAM	23527	45.58	42.00	37.70	36.61	35.62	34.76	34.78	32.56	33.08	35.27	38.91	43.43	46.59	49.78	54.84	60.64	74.05	79.28	76.50	67.81	66.96	65.10	51.73	47.22								
		2.29	2.23	1.96	1.84	1.79	1.65	1.59	1.52	1.27	1.19	1.32	1.59	1.79	1.73	2.21	2.55	3.19	3.42	3.85	3.59	3.25	2.96	2.70	2.42								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.33	0.00	0.00								
AIR_PRODUCTS___DRP	24190	44.20	40.65	36.49	35.50	34.51	33.77	33.78	31.63	32.22	34.46	38.09	42.47	45.60	48.87	53.58	59.36	72.49	77.61	74.33	65.82	65.31	61.86	50.26	45.97								
		0.91	0.87	0.75	0.73	0.68	0.66	0.60	0.59	0.41	0.37	0.49	0.63	0.81	0.82	0.95	1.28	1.63	1.74	1.67	1.61	1.59	1.45	1.23	1.16								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.59	0.00	0.00								
AKWESSNE_115KV_BK	355683	42.72	39.25	35.27	34.39	33.53	32.77	32.89	30.63	31.52	33.84	37.37	41.42	44.39	47.66	52.16	56.98	69.44	74.50	71.35	62.87	62.44	52.42	48.15	44.31								
		-0.56	-0.52	-0.46	-0.38	-0.30	-0.33	-0.30	-0.40	-0.29	-0.24	-0.23	-0.42	-0.40	-0.38	-0.47	-1.10	-1.42	-1.37	-1.31	-1.35	-1.27	-1.40	-0.88	-0.49								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
ALBANY_1_SOLAR	323833	45.02	41.36	37.17	36.16	35.12	34.36	34.31	31.97	32.41	34.59	38.24	42.59	45.78	49.16	54.16	60.12	73.55	79.05	75.78	67.11	66.71	61.85	51.34	46.82								
		1.73	1.59	1.43	1.39	1.29	1.26	1.13	0.93	0.60	0.51	0.64	0.75	0.98	1.11	1.53	2.03	2.69	3.19	3.12	2.89	3.00	2.53	2.31	2.02								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.51	0.00	0.00								
ALBANY_2_SOLAR	323834	44.97	41.36	37.13	36.16	35.12	34.33	34.31	31.94	32.41	34.59	38.24	42.59	45.78	49.16	54.10	60.06	73.55	78.98	75.71	67.11	66.71	61.80	51.34	46.82								
		1.69	1.59	1.39	1.39	1.29	1.23	1.13	0.90	0.60	0.51	0.64	0.75	0.98	1.11	1.47	1.98	2.69	3.11	3.05	2.89	3.00	2.48	2.31	2.02								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.51	0.00	0.00								
ALBANY___1	23571	44.20	40.65	36.49	35.50	34.51	33.77	33.78	31.63	32.22	34.46	38.09	42.47	45.60	48.87	53.58	59.36	72.49	77.61	74.33	65.82	65.31	61.86	50.26	45.97								
		0.91	0.87	0.75	0.73	0.68	0.66	0.60	0.59	0.41	0.37	0.49	0.63	0.81	0.82	0.95	1.28	1.63	1.74	1.67	1.61	1.59	1.45	1.23	1.16								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.59	0.00	0.00								

ALBANY___2 23572	44.20 0.91 0.00	40.65 0.87 0.00	36.49 0.75 0.00	35.50 0.73 0.00	34.51 0.68 0.00	33.77 0.66 0.00	33.78 0.60 0.00	31.63 0.59 0.00	32.22 0.41 0.00	34.46 0.37 0.00	38.09 0.49 0.00	42.47 0.63 0.00	45.60 0.81 0.00	48.87 0.82 0.00	53.58 0.95 0.00	59.36 1.28 0.00	72.49 1.63 0.00	77.61 1.74 0.00	74.33 1.67 0.00	65.82 1.61 0.00	65.31 1.59 0.00	61.86 1.45 -6.59	50.26 1.23 0.00	45.97 1.16 0.00
ALBANY___3 23573	44.20 0.91 0.00	40.65 0.87 0.00	36.49 0.75 0.00	35.50 0.73 0.00	34.51 0.68 0.00	33.77 0.66 0.00	33.78 0.60 0.00	31.63 0.59 0.00	32.22 0.41 0.00	34.46 0.37 0.00	38.09 0.49 0.00	42.47 0.63 0.00	45.60 0.81 0.00	48.87 0.82 0.00	53.58 0.95 0.00	59.36 1.28 0.00	72.49 1.63 0.00	77.61 1.74 0.00	74.33 1.67 0.00	65.82 1.61 0.00	65.31 1.59 0.00	61.86 1.45 -6.59	50.26 1.23 0.00	45.97 1.16 0.00
ALBANY___4 23574	44.20 0.91 0.00	40.65 0.87 0.00	36.49 0.75 0.00	35.50 0.73 0.00	34.51 0.68 0.00	33.77 0.66 0.00	33.78 0.60 0.00	31.63 0.59 0.00	32.22 0.41 0.00	34.46 0.37 0.00	38.09 0.49 0.00	42.47 0.63 0.00	45.60 0.81 0.00	48.87 0.82 0.00	53.58 0.95 0.00	59.36 1.28 0.00	72.49 1.63 0.00	77.61 1.74 0.00	74.33 1.67 0.00	65.82 1.61 0.00	65.31 1.59 0.00	61.86 1.45 -6.59	50.26 1.23 0.00	45.97 1.16 0.00
ALBANY___LFGE 323615	44.59 1.30 0.00	41.00 1.23 0.00	36.81 1.07 0.00	35.81 1.04 0.00	34.81 0.98 0.00	34.03 0.93 0.00	34.08 0.90 0.00	31.87 0.84 0.00	32.44 0.64 0.00	34.70 0.61 0.00	38.39 0.79 0.00	42.84 1.00 0.00	46.00 1.21 0.00	49.25 1.20 0.00	54.16 1.53 0.00	60.00 1.91 0.00	73.27 2.41 0.00	78.52 2.65 0.00	75.20 2.54 0.00	66.60 2.38 0.00	66.07 2.36 0.00	63.63 2.04 -7.77	50.85 1.82 0.00	46.42 1.61 0.00
ALCOA_PA_115KV_PL-6C 55860	42.77 -0.52 0.00	39.29 -0.48 0.00	35.31 -0.43 0.00	34.42 -0.35 0.00	33.60 -0.24 0.00	32.81 -0.30 0.00	32.92 -0.27 0.00	30.66 -0.37 0.00	31.55 -0.26 0.00	33.88 -0.20 0.00	37.41 -0.19 0.00	41.46 -0.38 0.00	44.39 -0.40 0.00	47.66 -0.39 0.00	52.05 -0.58 0.00	57.27 -0.81 0.00	69.87 -0.99 0.00	74.96 -0.91 0.00	71.79 -0.87 0.00	63.26 -0.96 0.00	62.76 -0.95 0.00	52.79 -1.02 0.00	48.15 -0.88 0.00	44.36 -0.45 0.00
ALCOA_RYNLDS___DRP 24188	42.77 -0.52 0.00	39.33 -0.44 0.00	35.35 -0.39 0.00	34.42 -0.35 0.00	33.60 -0.24 0.00	32.81 -0.30 0.00	32.92 -0.27 0.00	30.66 -0.37 0.00	31.55 -0.25 0.00	33.88 -0.20 0.00	37.41 -0.19 0.00	41.46 -0.38 0.00	44.39 -0.40 0.00	47.66 -0.38 0.00	52.16 -0.47 0.00	57.27 -0.81 0.00	69.80 -1.06 0.00	74.95 -0.91 0.00	71.78 -0.87 0.00	63.25 -0.96 0.00	62.76 -0.96 0.00	52.58 -1.24 0.00	48.15 -0.88 0.00	44.36 -0.45 0.00
ALCOA___DSASP 323711	42.77 -0.52 0.00	39.33 -0.44 0.00	35.35 -0.39 0.00	34.42 -0.35 0.00	33.60 -0.24 0.00	32.81 -0.30 0.00	32.92 -0.27 0.00	30.66 -0.37 0.00	31.55 -0.25 0.00	33.88 -0.20 0.00	37.41 -0.19 0.00	41.46 -0.38 0.00	44.39 -0.40 0.00	47.66 -0.38 0.00	52.16 -0.47 0.00	57.27 -0.81 0.00	69.80 -1.06 0.00	74.95 -0.91 0.00	71.78 -0.87 0.00	63.25 -0.96 0.00	62.76 -0.96 0.00	52.58 -1.24 0.00	48.15 -0.88 0.00	44.36 -0.45 0.00
ALLEGHENY___COGEN 23514	77.98 -1.21 -35.90	68.98 -1.15 -30.36	56.79 -0.86 -21.91	46.58 -1.08 -12.89	33.14 -1.08 -0.40	33.62 -1.06 -1.58	33.80 -0.96 -1.58	40.16 -0.93 -10.06	32.51 -1.43 -2.13	36.27 -1.64 -3.83	50.25 -2.03 -14.68	71.07 -2.55 -31.79	76.19 -2.87 -34.27	79.67 -2.88 -34.50	87.54 -9.16 -44.07	102.41 -9.70 -54.03	121.41 -11.69 -62.24	131.33 -11.53 -66.99	127.72 -10.32 -65.39	98.88 -8.41 -43.07	85.49 -7.97 -29.74	85.55 -6.19 -37.92	76.31 -0.98 -28.25	72.97 -1.12 -29.28
ALTAMONT_115KV_TB 2 55880	44.50 1.21 0.00	40.88 1.11 0.00	36.74 1.00 0.00	35.71 0.94 0.00	34.75 0.91 0.00	34.00 0.89 0.00	34.05 0.86 0.00	31.87 0.84 0.00	32.48 0.67 0.00	34.73 0.65 0.00	38.39 0.79 0.00	42.80 0.96 0.00	45.91 1.12 0.00	49.30 1.25 0.00	54.00 1.37 0.00	59.77 1.68 0.00	72.98 2.13 0.00	78.22 2.35 0.00	74.91 2.25 0.00	66.34 2.12 0.00	65.82 2.10 0.00	61.34 1.83 -5.70	50.70 1.67 0.00	46.24 1.43 0.00
ALTONA_WT_PWR 323606	42.59 -0.69 0.00	39.13 -0.64 0.00	35.20 -0.54 0.00	34.36 -0.42 0.00	33.56 -0.27 0.00	32.87 -0.23 0.00	32.99 -0.20 0.00	30.73 -0.31 0.00	31.65 -0.16 0.00	34.01 -0.07 0.00	37.49 -0.11 0.00	41.55 -0.29 0.00	44.48 -0.31 0.00	47.76 -0.29 0.00	52.00 -0.63 0.00	57.10 -0.99 0.00	69.51 -1.35 0.00	74.50 -1.36 0.00	71.35 -1.31 0.00	62.80 -1.41 0.00	62.31 -1.40 0.00	52.52 -1.29 0.00	48.10 -0.93 0.00	44.27 -0.54 0.00
AMERICAN_REF_FUEL 24010	29.19 -5.06 9.04	27.58 -4.25 7.94	26.43 -3.79 5.52	27.62 -3.89 3.25	29.70 -4.03 0.10	28.89 -3.81 0.41	29.25 -3.52 0.41	25.43 -2.98 2.63	28.07 -3.18 0.56	29.87 -3.24 0.98	30.48 -3.42 3.70	29.74 -4.10 8.00	30.12 -4.88 9.80	32.20 -5.14 10.71	31.89 -6.95 13.79	33.37 -7.55 17.16	36.42 -10.20 24.24	41.11 -10.47 24.29	39.62 -10.03 23.01	40.78 -8.22 15.22	44.37 -8.16 11.19	35.16 -6.94 11.71	34.25 -5.79 9.00	32.18 -5.29 7.34
ARKWRIGHT___SUMMIT_WT_PWR 323751	27.33 -4.68 11.28	26.20 -3.98 9.59	25.32 -3.54 6.88	27.07 -3.65 4.05	30.09 -3.62 0.12	29.10 -3.51 0.50	29.50 -3.19 0.50	25.19 -2.67 3.18	28.37 -2.77 0.67	30.15 -2.73 1.20	30.24 -2.74 4.61	28.51 -3.35 9.99	28.83 -4.08 11.89	31.04 -4.23 12.78	30.89 -5.68 16.06	32.29 -5.86 19.93	36.01 -7.51 27.33	41.10 -7.21 27.56	39.58 -6.83 26.25	41.59 -5.26 17.37	45.65 -5.42 12.65	35.62 -4.63 13.57	34.66 -3.92 10.45	32.30 -3.59 8.92
ARTHUR KILL_GT_1 23520	47.19 3.90 -0.01	43.03 3.26 0.00	38.53 2.79 0.00	37.21 2.43 0.00	36.17 2.33 0.00	35.26 2.15 0.00	35.34 2.16 0.00	33.43 2.39 0.00	34.30 2.26 -0.23	36.77 2.69 0.00	41.01 3.35 -0.07	46.24 3.68 -0.72	56.88 4.21 -7.87	58.66 4.56 -6.04	60.23 4.79 -2.81	63.48 5.29 -0.11	77.23 6.31 -0.06	82.76 6.90 0.01	78.67 6.03 0.01	69.29 5.07 0.00	69.19 5.48 0.00	61.29 5.11 -2.36	54.05 5.00 -0.02	49.26 4.44 -0.02
ARTHUR_KILL_2 23512	47.02 3.72 -0.01	42.91 3.14 0.00	38.42 2.68 0.00	37.10 2.33 0.00	36.07 2.23 0.00	35.16 2.05 0.00	35.24 2.06 0.00	33.30 2.26 0.00	34.17 2.13 -0.23	36.67 2.59 0.00	40.90 3.23 -0.07	46.07 3.52 -0.72	56.70 4.03 -7.87	58.27 4.18 -6.04	60.07 4.63 -2.81	63.24 5.05 -0.11	76.80 5.88 -0.06	82.45 6.60 0.01	78.30 5.67 0.02	68.96 4.75 0.01	68.87 5.16 0.00	61.02 4.85 -2.36	53.87 4.81 -0.02	49.08 4.26 -0.02
ARTHUR_KILL_3 23513	46.49 3.20 0.00	42.48 2.71 0.00	38.10 2.36 0.00	36.86 2.09 0.00	35.83 2.00 0.00	35.06 1.95 0.00	35.21 2.02 0.00	33.27 2.24 0.00	34.45 2.42 -0.22	36.57 2.49 0.00	40.67 3.01 -0.06	46.32 3.77 -0.71	56.87 4.21 -7.86	58.46 4.37 -6.03	60.27 4.84 -2.80	63.49 5.28 -0.12	77.36 6.45 -0.05	82.76 6.90 0.01	78.81 6.17 0.01	69.48 5.27 0.00	69.13 5.41 0.00	61.02 4.85 -2.36	53.51 4.46 -0.01	48.62 3.81 -0.01

ARTHUR_KILL_COGEN 323718	47.19 3.90 -0.01	43.03 3.26 0.00	38.53 2.79 0.00	37.21 2.43 0.00	36.17 2.33 0.00	35.25 2.15 0.00	35.34 2.16 0.00	33.43 2.39 0.00	34.30 2.26 -0.23	36.77 2.69 0.00	41.01 3.35 -0.07	46.24 3.68 -0.72	56.88 4.21 -7.87	58.46 4.37 -6.04	60.28 4.84 -2.81	63.48 5.28 -0.11	77.15 6.24 -0.06	82.76 6.90 0.01	78.66 6.03 0.02	69.28 5.07 0.01	69.19 5.48 0.00	61.23 5.06 -2.36	54.06 5.00 -0.02	49.26 4.44 -0.02
ASHOKAN____ 23654	45.88 2.60 0.00	42.08 2.31 0.00	37.70 1.96 0.00	36.61 1.84 0.00	35.52 1.69 0.00	34.60 1.49 0.00	34.44 1.26 0.00	32.09 1.06 0.00	32.67 0.86 0.00	34.90 0.82 0.00	38.77 1.17 0.00	43.52 1.68 0.00	46.81 2.02 0.00	50.31 2.26 0.00	55.63 3.00 0.00	61.69 3.60 0.00	75.76 4.96 0.06	81.76 5.92 0.02	77.94 5.30 0.01	68.78 4.56 0.00	68.43 4.71 0.00	60.95 2.64 -4.50	52.61 3.58 0.00	47.81 3.00 0.00
ASTORIA_EAST_ENERGY_CC1 323581	46.88 3.59 0.00	42.71 2.94 0.00	38.28 2.54 0.00	36.96 2.19 0.00	35.93 2.10 0.00	35.25 2.15 0.00	35.31 2.13 0.00	33.36 2.33 0.00	34.49 2.45 -0.23	36.56 2.49 0.01	40.70 3.04 -0.06	46.37 3.77 -0.76	57.41 4.26 -8.36	59.00 4.37 -6.58	60.42 4.74 -3.05	63.43 5.23 -0.12	77.07 6.16 -0.05	82.45 6.60 0.02	78.30 5.67 0.02	68.96 4.75 0.01	68.80 5.10 0.01	60.85 4.68 -2.35	53.46 4.41 -0.01	48.76 3.94 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	46.88 3.59 0.00	42.71 2.94 0.00	38.28 2.54 0.00	36.96 2.19 0.00	35.93 2.10 0.00	35.25 2.15 0.00	35.31 2.13 0.00	33.33 2.30 0.00	34.49 2.45 -0.23	36.56 2.49 0.01	40.70 3.04 -0.06	46.37 3.77 -0.76	57.41 4.26 -8.36	59.00 4.37 -6.58	60.42 4.74 -3.05	63.43 5.23 -0.12	77.07 6.16 -0.05	82.45 6.60 0.02	78.30 5.67 0.02	68.96 4.75 0.01	68.80 5.10 0.01	60.85 4.68 -2.35	53.46 4.41 -0.01	48.76 3.94 -0.01
ASTORIA_GT2_1 24094	46.92 3.64 0.00	42.75 2.98 0.00	38.28 2.54 0.00	36.96 2.19 0.00	35.93 2.10 0.00	35.29 2.18 0.00	35.31 2.12 0.00	33.36 2.33 0.00	34.49 2.45 -0.23	36.60 2.52 0.00	40.75 3.08 -0.07	46.41 3.81 -0.76	57.45 4.30 -8.36	59.25 4.61 -6.59	57.39 4.68 -0.08	63.43 5.23 -0.12	77.23 6.31 -0.06	82.61 6.75 0.01	78.38 5.74 0.01	69.03 4.82 0.01	68.81 5.10 0.00	60.86 4.68 -2.36	53.51 4.46 -0.02	48.80 3.99 -0.01
ASTORIA_GT2_2 24095	46.92 3.64 0.00	42.75 2.98 0.00	38.28 2.54 0.00	36.96 2.19 0.00	35.93 2.10 0.00	35.29 2.18 0.00	35.31 2.12 0.00	33.36 2.33 0.00	34.49 2.45 -0.23	36.60 2.52 0.00	40.75 3.08 -0.07	46.41 3.81 -0.76	57.45 4.30 -8.36	59.25 4.61 -6.59	57.39 4.68 -0.08	63.43 5.23 -0.12	77.23 6.31 -0.06	82.61 6.75 0.01	78.38 5.74 0.01	69.03 4.82 0.01	68.81 5.10 0.00	60.86 4.68 -2.36	53.51 4.46 -0.02	48.80 3.99 -0.01
ASTORIA_GT2_3 24096	46.92 3.64 0.00	42.75 2.98 0.00	38.28 2.54 0.00	36.96 2.19 0.00	35.93 2.10 0.00	35.29 2.18 0.00	35.31 2.12 0.00	33.36 2.33 0.00	34.49 2.45 -0.23	36.60 2.52 0.00	40.75 3.08 -0.07	46.41 3.81 -0.76	57.45 4.30 -8.36	59.25 4.61 -6.59	57.39 4.68 -0.08	63.43 5.23 -0.12	77.23 6.31 -0.06	82.61 6.75 0.01	78.38 5.74 0.01	69.03 4.82 0.01	68.81 5.10 0.00	60.86 4.68 -2.36	53.51 4.46 -0.02	48.80 3.99 -0.01
ASTORIA_GT2_4 24097	46.92 3.64 0.00	42.75 2.98 0.00	38.28 2.54 0.00	36.96 2.19 0.00	35.93 2.10 0.00	35.29 2.18 0.00	35.31 2.12 0.00	33.36 2.33 0.00	34.49 2.45 -0.23	36.60 2.52 0.00	40.75 3.08 -0.07	46.41 3.81 -0.76	57.45 4.30 -8.36	59.25 4.61 -6.59	57.39 4.68 -0.08	63.43 5.23 -0.12	77.23 6.31 -0.06	82.61 6.75 0.01	78.38 5.74 0.01	69.03 4.82 0.01	68.81 5.10 0.00	60.86 4.68 -2.36	53.51 4.46 -0.02	48.80 3.99 -0.01
ASTORIA_GT3_1 24098	46.92 3.64 0.00	42.75 2.98 0.00	38.28 2.54 0.00	36.96 2.19 0.00	35.93 2.10 0.00	35.29 2.18 0.00	35.31 2.12 0.00	33.36 2.33 0.00	34.49 2.45 -0.23	36.60 2.52 0.00	40.75 3.08 -0.07	46.41 3.81 -0.76	57.45 4.30 -8.36	59.25 4.61 -6.59	57.39 4.68 -0.08	63.43 5.23 -0.12	77.23 6.31 -0.06	82.61 6.75 0.01	78.38 5.74 0.01	69.03 4.82 0.01	68.81 5.10 0.00	60.86 4.68 -2.36	53.51 4.46 -0.02	48.80 3.99 -0.01
ASTORIA_GT3_2 24099	46.92 3.64 0.00	42.75 2.98 0.00	38.28 2.54 0.00	36.96 2.19 0.00	35.93 2.10 0.00	35.29 2.18 0.00	35.31 2.12 0.00	33.36 2.33 0.00	34.49 2.45 -0.23	36.60 2.52 0.00	40.75 3.08 -0.07	46.41 3.81 -0.76	57.45 4.30 -8.36	59.25 4.61 -6.59	57.39 4.68 -0.08	63.43 5.23 -0.12	77.23 6.31 -0.06	82.61 6.75 0.01	78.38 5.74 0.01	69.03 4.82 0.01	68.81 5.10 0.00	60.86 4.68 -2.36	53.51 4.46 -0.02	48.80 3.99 -0.01
ASTORIA_GT3_3 24100	46.92 3.64 0.00	42.75 2.98 0.00	38.28 2.54 0.00	36.96 2.19 0.00	35.93 2.10 0.00	35.29 2.18 0.00	35.31 2.12 0.00	33.36 2.33 0.00	34.49 2.45 -0.23	36.60 2.52 0.00	40.75 3.08 -0.07	46.41 3.81 -0.76	57.45 4.30 -8.36	59.25 4.61 -6.59	57.39 4.68 -0.08	63.43 5.23 -0.12	77.23 6.31 -0.06	82.61 6.75 0.01	78.38 5.74 0.01	69.03 4.82 0.01	68.81 5.10 0.00	60.86 4.68 -2.36	53.51 4.46 -0.02	48.80 3.99 -0.01
ASTORIA_GT3_4 24101	46.92 3.64 0.00	42.75 2.98 0.00	38.28 2.54 0.00	36.96 2.19 0.00	35.93 2.10 0.00	35.29 2.18 0.00	35.31 2.12 0.00	33.36 2.33 0.00	34.49 2.45 -0.23	36.60 2.52 0.00	40.75 3.08 -0.07	46.41 3.81 -0.76	57.45 4.30 -8.36	59.25 4.61 -6.59	57.39 4.68 -0.08	63.43 5.23 -0.12	77.23 6.31 -0.06	82.61 6.75 0.01	78.38 5.74 0.01	69.03 4.82 0.01	68.81 5.10 0.00	60.86 4.68 -2.36	53.51 4.46 -0.02	48.80 3.99 -0.01
ASTORIA_GT4_1 24102	46.92 3.64 0.00	42.75 2.98 0.00	38.28 2.54 0.00	36.96 2.19 0.00	35.93 2.10 0.00	35.29 2.18 0.00	35.31 2.12 0.00	33.36 2.33 0.00	34.49 2.45 -0.23	36.60 2.52 0.00	40.75 3.08 -0.07	46.41 3.81 -0.76	57.45 4.30 -8.36	59.25 4.61 -6.59	57.39 4.68 -0.08	63.43 5.23 -0.12	77.23 6.31 -0.06	82.61 6.75 0.01	78.38 5.74 0.01	69.03 4.82 0.01	68.81 5.10 0.00	60.86 4.68 -2.36	53.51 4.46 -0.02	48.80 3.99 -0.01
ASTORIA_GT4_2 24103	46.92 3.64 0.00	42.75 2.98 0.00	38.28 2.54 0.00	36.96 2.19 0.00	35.93 2.10 0.00	35.29 2.18 0.00	35.31 2.12 0.00	33.36 2.33 0.00	34.49 2.45 -0.23	36.60 2.52 0.00	40.75 3.08 -0.07	46.41 3.81 -0.76	57.45 4.30 -8.36	59.25 4.61 -6.59	57.39 4.68 -0.08	63.43 5.23 -0.12	77.23 6.31 -0.06	82.61 6.75 0.01	78.38 5.74 0.01	69.03 4.82 0.01	68.81 5.10 0.00	60.86 4.68 -2.36	53.51 4.46 -0.02	48.80 3.99 -0.01
ASTORIA_GT4_3 24104	46.92 3.64 0.00	42.75 2.98 0.00	38.28 2.54 0.00	36.96 2.19 0.00	35.93 2.10 0.00	35.29 2.18 0.00	35.31 2.12 0.00	33.36 2.33 0.00	34.49 2.45 -0.23	36.60 2.52 0.00	40.75 3.08 -0.07	46.41 3.81 -0.76	57.45 4.30 -8.36	59.25 4.61 -6.59	57.39 4.68 -0.08	63.43 5.23 -0.12	77.23 6.31 -0.06	82.61 6.75 0.01	78.38 5.74 0.01	69.03 4.82 0.01	68.81 5.10 0.00	60.86 4.68 -2.36	53.51 4.46 -0.02	48.80 3.99 -0.01

ASTORIA_GT4_4 24105	46.92 3.64 0.00	42.75 2.98 0.00	38.28 2.54 0.00	36.96 2.19 0.00	35.93 2.10 0.00	35.29 2.18 0.00	35.31 2.12 0.00	33.36 2.33 0.00	34.49 2.45 -0.23	36.60 2.52 0.00	40.75 3.08 -0.07	46.41 3.81 -0.76	57.45 4.30 -8.36	59.25 4.61 -6.59	57.39 4.68 -0.08	63.43 5.23 -0.12	77.23 6.31 -0.06	82.61 6.75 0.01	78.38 5.74 0.01	69.03 4.82 0.01	68.81 5.10 0.00	60.86 4.68 -2.36	53.51 4.46 -0.02	48.80 3.99 -0.01
ASTORIA_GT_1 23523	47.01 3.72 0.00	42.83 3.06 0.00	38.35 2.61 0.00	37.03 2.26 0.00	36.00 2.17 0.00	35.32 2.22 0.00	35.37 2.19 0.00	33.43 2.39 0.00	34.56 2.51 -0.23	36.67 2.59 0.00	40.83 3.16 -0.07	46.49 3.89 -0.76	57.54 4.39 -8.36	59.35 4.71 -6.59	57.55 4.84 -0.08	63.61 5.40 -0.12	77.44 6.52 -0.06	82.84 6.98 0.01	78.53 5.89 0.01	69.15 4.94 0.01	69.00 5.29 0.00	61.02 4.84 -2.36	53.61 4.56 -0.02	48.89 4.08 -0.01
ASTORIA_GT_10 24110	46.79 3.51 0.00	42.71 2.94 0.00	38.28 2.54 0.00	37.00 2.23 0.00	36.00 2.17 0.00	35.19 2.09 0.00	35.31 2.12 0.00	33.36 2.33 0.00	34.47 2.42 -0.24	36.67 2.59 0.00	40.79 3.12 -0.07	46.38 3.77 -0.78	57.64 4.26 -8.59	59.20 4.56 -6.59	60.37 4.68 -3.06	63.44 5.23 -0.13	77.16 6.24 -0.06	82.61 6.75 0.01	78.60 5.96 0.01	69.22 5.01 0.01	69.00 5.29 0.00	60.96 4.79 -2.36	53.61 4.56 -0.02	48.85 4.03 -0.01
ASTORIA_GT_11 24225	46.79 3.51 0.00	42.71 2.94 0.00	38.28 2.54 0.00	37.00 2.23 0.00	36.00 2.17 0.00	35.19 2.09 0.00	35.31 2.12 0.00	33.36 2.33 0.00	34.47 2.42 -0.24	36.67 2.59 0.00	40.79 3.12 -0.07	46.38 3.77 -0.78	57.64 4.26 -8.59	59.20 4.56 -6.59	60.37 4.68 -3.06	63.44 5.23 -0.13	77.16 6.24 -0.06	82.61 6.75 0.01	78.60 5.96 0.01	69.22 5.01 0.01	69.00 5.29 0.00	60.96 4.79 -2.36	53.61 4.56 -0.02	48.85 4.03 -0.01
ASTORIA_GT_12 24226	46.79 3.51 0.00	42.71 2.94 0.00	38.28 2.54 0.00	37.00 2.23 0.00	36.00 2.17 0.00	35.19 2.09 0.00	35.31 2.12 0.00	33.36 2.33 0.00	34.47 2.42 -0.24	36.67 2.59 0.00	40.79 3.12 -0.07	46.38 3.77 -0.78	57.64 4.26 -8.59	59.20 4.56 -6.59	60.37 4.68 -3.06	63.44 5.23 -0.13	77.16 6.24 -0.06	82.61 6.75 0.01	78.60 5.96 0.01	69.22 5.01 0.01	69.00 5.29 0.00	60.96 4.79 -2.36	53.61 4.56 -0.02	48.85 4.03 -0.01
ASTORIA_GT_13 24227	46.79 3.51 0.00	42.71 2.94 0.00	38.28 2.54 0.00	37.00 2.23 0.00	36.00 2.17 0.00	35.19 2.09 0.00	35.31 2.12 0.00	33.36 2.33 0.00	34.47 2.42 -0.24	36.67 2.59 0.00	40.79 3.12 -0.07	46.38 3.77 -0.78	57.64 4.26 -8.59	59.20 4.56 -6.59	60.37 4.68 -3.06	63.44 5.23 -0.13	77.16 6.24 -0.06	82.61 6.75 0.01	78.60 5.96 0.01	69.22 5.01 0.01	69.00 5.29 0.00	60.96 4.79 -2.36	53.61 4.56 -0.02	48.85 4.03 -0.01
ASTORIA_GT_5 24106	47.01 3.72 0.00	42.83 3.06 0.00	38.35 2.61 0.00	37.03 2.26 0.00	36.00 2.17 0.00	35.32 2.22 0.00	35.37 2.19 0.00	33.43 2.39 0.00	34.56 2.51 -0.23	36.67 2.59 0.00	40.83 3.16 -0.07	46.49 3.89 -0.76	57.54 4.39 -8.36	59.35 4.71 -6.59	57.55 4.84 -0.08	63.61 5.40 -0.12	77.44 6.52 -0.06	82.84 6.98 0.01	78.53 5.89 0.01	69.15 4.94 0.01	69.00 5.29 0.00	61.02 4.84 -2.36	53.61 4.56 -0.02	48.89 4.08 -0.01
ASTORIA_GT_7 24107	47.01 3.72 0.00	42.83 3.06 0.00	38.35 2.61 0.00	37.03 2.26 0.00	36.00 2.17 0.00	35.32 2.22 0.00	35.37 2.19 0.00	33.43 2.39 0.00	34.56 2.51 -0.23	36.67 2.59 0.00	40.83 3.16 -0.07	46.49 3.89 -0.76	57.54 4.39 -8.36	59.35 4.71 -6.59	57.55 4.84 -0.08	63.61 5.40 -0.12	77.44 6.52 -0.06	82.84 6.98 0.01	78.53 5.89 0.01	69.15 4.94 0.01	69.00 5.29 0.00	61.02 4.84 -2.36	53.61 4.56 -0.02	48.89 4.08 -0.01
ASTORIA_GT_8 24108	47.01 3.72 0.00	42.83 3.06 0.00	38.35 2.61 0.00	37.03 2.26 0.00	36.00 2.17 0.00	35.32 2.22 0.00	35.37 2.19 0.00	33.43 2.39 0.00	34.56 2.51 -0.23	36.67 2.59 0.00	40.83 3.16 -0.07	46.49 3.89 -0.76	57.54 4.39 -8.36	59.35 4.71 -6.59	57.55 4.84 -0.08	63.61 5.40 -0.12	77.44 6.52 -0.06	82.84 6.98 0.01	78.53 5.89 0.01	69.15 4.94 0.01	69.00 5.29 0.00	61.02 4.84 -2.36	53.61 4.56 -0.02	48.89 4.08 -0.01
ASTORIA___2 24149	46.92 3.64 0.00	42.75 2.98 0.00	38.28 2.54 0.00	36.96 2.19 0.00	35.93 2.10 0.00	35.29 2.18 0.00	35.31 2.13 0.00	33.36 2.33 0.00	34.49 2.45 -0.23	36.60 2.52 0.01	40.74 3.08 -0.06	46.37 3.77 -0.76	57.45 4.30 -8.36	59.00 4.37 -6.58	60.47 4.79 -3.05	63.43 5.23 -0.12	77.07 6.16 -0.05	82.45 6.60 0.02	78.37 5.74 0.02	68.96 4.75 0.01	68.80 5.10 0.01	60.85 4.68 -2.35	53.50 4.46 -0.01	48.80 3.99 -0.01
ASTORIA___3 23516	46.79 3.50 0.00	42.71 2.94 0.00	38.28 2.54 0.00	37.00 2.23 0.00	36.00 2.17 0.00	35.19 2.09 0.00	35.31 2.13 0.00	33.36 2.33 0.00	34.47 2.42 -0.24	36.67 2.59 0.00	40.79 3.12 -0.07	46.38 3.77 -0.78	57.64 4.26 -8.59	59.01 4.37 -6.59	60.48 4.79 -3.06	63.44 5.23 -0.13	77.08 6.16 -0.06	82.69 6.83 0.01	78.60 5.96 0.01	69.22 5.01 0.01	69.07 5.35 0.00	61.02 4.85 -2.36	53.61 4.56 -0.02	48.85 4.03 -0.01
ASTORIA___4 23517	46.79 3.51 0.00	42.71 2.94 0.00	38.28 2.54 0.00	37.00 2.23 0.00	36.00 2.17 0.00	35.19 2.09 0.00	35.31 2.12 0.00	33.36 2.33 0.00	34.47 2.42 -0.24	36.67 2.59 0.00	40.79 3.12 -0.07	46.38 3.77 -0.78	57.64 4.26 -8.59	59.20 4.56 -6.59	60.37 4.68 -3.06	63.44 5.23 -0.13	77.16 6.24 -0.06	82.61 6.75 0.01	78.60 5.96 0.01	69.22 5.01 0.01	69.00 5.29 0.00	60.96 4.79 -2.36	53.61 4.56 -0.02	48.85 4.03 -0.01
ASTORIA___5 23518	46.79 3.50 0.00	42.71 2.94 0.00	38.28 2.54 0.00	37.00 2.23 0.00	36.00 2.17 0.00	35.19 2.09 0.00	35.31 2.13 0.00	33.36 2.33 0.00	34.47 2.42 -0.24	36.67 2.59 0.00	40.79 3.12 -0.07	46.38 3.77 -0.78	57.64 4.26 -8.59	59.01 4.37 -6.59	60.48 4.79 -3.06	63.44 5.23 -0.13	77.08 6.16 -0.06	82.69 6.83 0.01	78.60 5.96 0.01	69.22 5.01 0.01	69.07 5.35 0.00	61.02 4.85 -2.36	53.61 4.56 -0.02	48.85 4.03 -0.01
AST_ENERGY_2_CC3 323677	46.62 3.33 0.00	42.59 2.82 0.00	38.17 2.43 0.00	36.93 2.16 0.00	35.93 2.10 0.00	35.12 2.02 0.00	35.24 2.06 0.00	33.33 2.30 0.00	34.46 2.42 -0.23	36.60 2.52 0.00	40.75 3.08 -0.07	46.36 3.77 -0.75	57.35 4.21 -8.35	58.83 4.37 -6.41	60.55 4.95 -2.97	63.61 5.40 -0.12	77.43 6.51 -0.06	82.91 7.06 0.01	78.96 6.32 0.01	69.61 5.40 0.00	69.25 5.54 0.00	61.12 4.95 -2.36	53.56 4.51 -0.02	48.71 3.90 -0.01
AST_ENERGY_2_CC4 323678	46.62 3.33 0.00	42.59 2.82 0.00	38.17 2.43 0.00	36.93 2.16 0.00	35.93 2.10 0.00	35.12 2.02 0.00	35.24 2.06 0.00	33.33 2.30 0.00	34.46 2.42 -0.23	36.60 2.52 0.00	40.75 3.08 -0.07	46.36 3.77 -0.75	57.35 4.21 -8.35	58.83 4.37 -6.41	60.55 4.95 -2.97	63.61 5.40 -0.12	77.43 6.51 -0.06	82.91 7.06 0.01	78.96 6.32 0.01	69.61 5.40 0.00	69.25 5.54 0.00	61.12 4.95 -2.36	53.56 4.51 -0.02	48.71 3.90 -0.01

ATHENS_STG_1 23668	44.93 1.64 0.00	41.24 1.47 0.00	37.02 1.28 0.00	35.95 1.18 0.00	34.98 1.15 0.00	34.23 1.13 0.00	34.31 1.13 0.00	32.19 1.15 0.00	32.89 1.08 0.00	35.17 1.09 0.00	38.88 1.28 0.00	43.43 1.59 0.00	46.63 1.84 0.00	49.97 1.92 0.00	54.84 2.21 0.00	60.58 2.50 0.00	73.84 3.04 0.06	79.10 3.26 0.02	75.62 2.98 0.01	66.85 2.63 0.00	66.39 2.68 0.00	58.62 2.37 -2.44	51.19 2.16 0.00	46.64 1.84 0.00
ATHENS_STG_2 23670	44.93 1.64 0.00	41.24 1.47 0.00	37.02 1.28 0.00	35.95 1.18 0.00	34.98 1.15 0.00	34.23 1.13 0.00	34.31 1.13 0.00	32.19 1.15 0.00	32.89 1.08 0.00	35.17 1.09 0.00	38.88 1.28 0.00	43.43 1.59 0.00	46.63 1.84 0.00	49.97 1.92 0.00	54.84 2.21 0.00	60.58 2.50 0.00	73.84 3.04 0.06	79.10 3.26 0.02	75.62 2.98 0.01	66.85 2.63 0.00	66.39 2.68 0.00	58.62 2.37 -2.44	51.19 2.16 0.00	46.64 1.84 0.00
ATHENS_STG_3 23677	44.93 1.64 0.00	41.24 1.47 0.00	37.02 1.28 0.00	35.95 1.18 0.00	34.98 1.15 0.00	34.23 1.13 0.00	34.31 1.13 0.00	32.19 1.15 0.00	32.89 1.08 0.00	35.17 1.09 0.00	38.88 1.28 0.00	43.43 1.59 0.00	46.63 1.84 0.00	49.97 1.92 0.00	54.84 2.21 0.00	60.58 2.50 0.00	73.84 3.04 0.06	79.10 3.26 0.02	75.62 2.98 0.01	66.85 2.63 0.00	66.39 2.68 0.00	58.62 2.37 -2.44	51.19 2.16 0.00	46.64 1.84 0.00
AUBURN___LFGE 323710	45.47 -0.30 -2.48	41.59 -0.28 -2.10	37.04 -0.21 -1.52	35.39 -0.28 -0.89	33.52 -0.34 -0.03	32.88 -0.33 -0.11	33.00 -0.30 -0.11	31.55 -0.19 -0.70	31.67 -0.29 -0.15	34.14 -0.20 -0.26	38.35 -0.26 -1.02	43.70 -0.33 -2.20	46.81 -0.40 -2.42	50.05 -0.48 -2.48	55.26 -0.53 -3.16	61.57 -0.41 -3.90	74.89 -0.50 -4.53	80.45 -0.30 -4.89	77.13 -0.29 -4.77	67.07 -0.32 -3.17	65.75 -0.19 -2.22	56.76 -0.11 -3.05	50.73 -0.34 -2.04	46.42 -0.40 -2.02
BABYLON_RES_REC 323704	47.44 4.16 0.00	43.43 3.66 0.00	38.53 2.79 0.00	37.24 2.47 0.00	36.37 2.54 0.00	35.29 2.18 0.00	35.37 2.19 0.00	33.61 2.57 0.00	34.96 3.15 0.00	37.28 3.20 0.00	45.01 3.91 -3.50	50.83 4.64 -4.35	52.09 5.15 -2.15	53.50 5.24 -0.22	58.56 5.74 -0.20	63.62 4.76 -0.77	76.80 6.02 0.07	81.90 6.07 0.03	78.35 5.38 -0.32	68.64 4.43 0.01	66.58 4.39 1.52	60.19 4.04 -2.33	53.25 4.22 0.00	49.11 4.30 0.00
BALL_HILL_WT_PWR 323825	27.12 -3.98 12.19	26.08 -3.34 10.35	25.34 -2.97 7.44	27.30 -3.09 4.38	30.55 -3.15 0.13	29.52 -3.05 0.54	29.86 -2.79 0.54	25.28 -2.33 3.43	28.60 -2.48 0.73	30.33 -2.45 1.30	30.13 -2.48 4.98	28.04 -3.01 10.79	28.33 -3.67 12.79	30.54 -3.80 13.72	30.12 -5.31 17.19	31.06 -5.69 21.33	34.46 -7.30 29.10	39.05 -7.43 29.38	37.53 -7.12 28.00	40.04 -5.65 18.53	44.64 -5.61 13.47	34.42 -4.84 14.56	33.79 -4.07 11.18	31.43 -3.76 9.62
BARON_WINDS___WT_PWR 323822	-10.54 -1.78 52.05	-6.00 -1.71 44.06	2.41 -1.57 31.76	14.34 -1.74 18.69	31.53 -1.72 0.57	29.22 -1.59 2.29	29.50 -1.39 2.29	15.26 -1.18 14.59	27.32 -1.40 3.09	27.13 -1.40 5.55	14.77 -1.54 21.28	-6.00 -1.76 46.08	-6.00 -1.97 48.83	-6.00 -2.06 51.98	-6.00 -2.95 55.68	-28.11 -3.02 83.17	-6.00 -3.83 73.03	-6.00 -3.72 78.15	-6.00 -3.41 75.24	-6.96 -2.69 68.49	12.91 -2.55 48.25	-5.77 -2.26 57.32	3.75 -1.76 43.53	0.87 -1.66 42.28
BARRETT_IC_1 23704	46.84 3.55 0.00	42.87 3.10 0.00	38.13 2.39 0.00	36.86 2.09 0.00	35.97 2.13 0.00	34.92 1.82 0.00	35.04 1.86 0.00	33.24 2.20 0.00	34.57 2.77 0.00	36.81 2.73 0.00	44.52 3.42 -3.50	50.20 4.02 -4.35	51.46 4.52 -2.15	52.90 4.71 -0.14	57.95 5.26 -0.06	62.44 4.36 0.01	76.46 5.67 0.07	81.53 5.69 0.03	77.50 4.87 0.02	68.26 4.05 0.01	67.72 4.08 0.07	59.86 3.71 -2.34	52.81 3.78 0.00	48.66 3.85 0.00
BARRETT_IC_10 23701	46.84 3.55 0.00	42.87 3.10 0.00	38.13 2.39 0.00	36.86 2.09 0.00	35.97 2.13 0.00	34.92 1.82 0.00	35.04 1.86 0.00	33.24 2.20 0.00	34.57 2.77 0.00	36.81 2.73 0.00	44.52 3.42 -3.50	50.20 4.02 -4.35	51.46 4.52 -2.15	52.90 4.71 -0.14	57.95 5.26 -0.06	62.44 4.36 0.01	76.46 5.67 0.07	81.53 5.69 0.03	77.50 4.87 0.02	68.26 4.05 0.01	67.72 4.08 0.07	59.86 3.71 -2.34	52.81 3.78 0.00	48.66 3.85 0.00
BARRETT_IC_11 23702	46.84 3.55 0.00	42.87 3.10 0.00	38.13 2.39 0.00	36.86 2.09 0.00	35.97 2.13 0.00	34.92 1.82 0.00	35.04 1.86 0.00	33.24 2.20 0.00	34.57 2.77 0.00	36.81 2.73 0.00	44.52 3.42 -3.50	50.20 4.02 -4.35	51.46 4.52 -2.15	52.90 4.71 -0.14	57.95 5.26 -0.06	62.44 4.36 0.01	76.46 5.67 0.07	81.53 5.69 0.03	77.50 4.87 0.02	68.26 4.05 0.01	67.72 4.08 0.07	59.86 3.71 -2.34	52.81 3.78 0.00	48.66 3.85 0.00
BARRETT_IC_12 23703	46.84 3.55 0.00	42.87 3.10 0.00	38.13 2.39 0.00	36.86 2.09 0.00	35.97 2.13 0.00	34.92 1.82 0.00	35.04 1.86 0.00	33.24 2.20 0.00	34.57 2.77 0.00	36.81 2.73 0.00	44.52 3.42 -3.50	50.20 4.02 -4.35	51.46 4.52 -2.15	52.90 4.71 -0.14	57.95 5.26 -0.06	62.44 4.36 0.01	76.46 5.67 0.07	81.53 5.69 0.03	77.50 4.87 0.02	68.26 4.05 0.01	67.72 4.08 0.07	59.86 3.71 -2.34	52.81 3.78 0.00	48.66 3.85 0.00
BARRETT_IC_2 23705	46.84 3.55 0.00	42.87 3.10 0.00	38.13 2.39 0.00	36.86 2.09 0.00	35.97 2.13 0.00	34.92 1.82 0.00	35.04 1.86 0.00	33.24 2.20 0.00	34.57 2.77 0.00	36.81 2.73 0.00	44.52 3.42 -3.50	50.20 4.02 -4.35	51.46 4.52 -2.15	52.90 4.71 -0.14	57.95 5.26 -0.06	62.44 4.36 0.01	76.46 5.67 0.07	81.53 5.69 0.03	77.50 4.87 0.02	68.26 4.05 0.01	67.72 4.08 0.07	59.86 3.71 -2.34	52.81 3.78 0.00	48.66 3.85 0.00
BARRETT_IC_3 23706	46.84 3.55 0.00	42.87 3.10 0.00	38.13 2.39 0.00	36.86 2.09 0.00	35.97 2.13 0.00	34.92 1.82 0.00	35.04 1.86 0.00	33.24 2.20 0.00	34.57 2.77 0.00	36.81 2.73 0.00	44.52 3.42 -3.50	50.20 4.02 -4.35	51.46 4.52 -2.15	52.90 4.71 -0.14	57.95 5.26 -0.06	62.44 4.36 0.01	76.46 5.67 0.07	81.53 5.69 0.03	77.50 4.87 0.02	68.26 4.05 0.01	67.72 4.08 0.07	59.86 3.71 -2.34	52.81 3.78 0.00	48.66 3.85 0.00
BARRETT_IC_4 23707	46.84 3.55 0.00	42.87 3.10 0.00	38.13 2.39 0.00	36.86 2.09 0.00	35.97 2.13 0.00	34.92 1.82 0.00	35.04 1.86 0.00	33.24 2.20 0.00	34.57 2.77 0.00	36.81 2.73 0.00	44.52 3.42 -3.50	50.20 4.02 -4.35	51.46 4.52 -2.15	52.90 4.71 -0.14	57.95 5.26 -0.06	62.44 4.36 0.01	76.46 5.67 0.07	81.53 5.69 0.03	77.50 4.87 0.02	68.26 4.05 0.01	67.72 4.08 0.07	59.86 3.71 -2.34	52.81 3.78 0.00	48.66 3.85 0.00
BARRETT_IC_5 23708	46.84 3.55 0.00	42.87 3.10 0.00	38.13 2.39 0.00	36.86 2.09 0.00	35.97 2.13 0.00	34.92 1.82 0.00	35.04 1.86 0.00	33.24 2.20 0.00	34.57 2.77 0.00	36.81 2.73 0.00	44.52 3.42 -3.50	50.20 4.02 -4.35	51.46 4.52 -2.15	52.90 4.71 -0.14	57.95 5.26 -0.06	62.44 4.36 0.01	76.46 5.67 0.07	81.53 5.69 0.03	77.50 4.87 0.02	68.26 4.05 0.01	67.72 4.08 0.07	59.86 3.71 -2.34	52.81 3.78 0.00	48.66 3.85 0.00

BARRETT_IC_6 23709	46.84 3.55 0.00	42.87 3.10 0.00	38.13 2.39 0.00	36.86 2.09 0.00	35.97 2.13 0.00	34.92 1.82 0.00	35.04 1.86 0.00	33.24 2.20 0.00	34.57 2.77 0.00	36.81 2.73 0.00	44.52 3.42 -3.50	50.20 4.02 -4.35	51.46 4.52 -2.15	52.90 4.71 -0.14	57.95 5.26 -0.06	62.44 4.36 0.01	76.46 5.67 0.07	81.53 5.69 0.03	77.50 4.87 0.02	68.26 4.05 0.01	67.72 4.08 0.07	59.86 3.71 -2.34	52.81 3.78 0.00	48.66 3.85 0.00
BARRETT_IC_7 23710	46.84 3.55 0.00	42.87 3.10 0.00	38.13 2.39 0.00	36.86 2.09 0.00	35.96 2.13 0.00	34.93 1.82 0.00	35.04 1.86 0.00	33.24 2.20 0.00	34.57 2.77 0.01	36.81 2.73 0.00	44.52 3.42 -3.50	50.20 4.02 -4.35	51.47 4.52 -2.15	53.14 4.95 -0.14	57.85 5.16 -0.06	62.55 4.47 0.01	76.60 5.81 0.07	81.29 5.46 0.03	77.50 4.87 0.02	68.26 4.05 0.01	67.72 4.08 0.07	59.81 3.66 -2.34	52.86 3.82 0.00	48.70 3.90 0.00
BARRETT_IC_8 23711	46.84 3.55 0.00	42.87 3.10 0.00	38.13 2.39 0.00	36.86 2.09 0.00	35.97 2.13 0.00	34.92 1.82 0.00	35.04 1.86 0.00	33.24 2.20 0.00	34.57 2.77 0.00	36.81 2.73 0.00	44.52 3.42 -3.50	50.20 4.02 -4.35	51.46 4.52 -2.15	52.90 4.71 -0.14	57.95 5.26 -0.06	62.44 4.36 0.01	76.46 5.67 0.07	81.53 5.69 0.03	77.50 4.87 0.02	68.26 4.05 0.01	67.72 4.08 0.07	59.86 3.71 -2.34	52.81 3.78 0.00	48.66 3.85 0.00
BARRETT_IC_9 23700	46.84 3.55 0.00	42.87 3.10 0.00	38.13 2.39 0.00	36.86 2.09 0.00	35.97 2.13 0.00	34.92 1.82 0.00	35.04 1.86 0.00	33.24 2.20 0.00	34.57 2.77 0.00	36.81 2.73 0.00	44.52 3.42 -3.50	50.20 4.02 -4.35	51.46 4.52 -2.15	52.90 4.71 -0.14	57.95 5.26 -0.06	62.44 4.36 0.01	76.46 5.67 0.07	81.53 5.69 0.03	77.50 4.87 0.02	68.26 4.05 0.01	67.72 4.08 0.07	59.86 3.71 -2.34	52.81 3.78 0.00	48.66 3.85 0.00
BARRETT___1 23545	46.84 3.55 0.00	42.87 3.10 0.00	38.13 2.39 0.00	36.86 2.09 0.00	35.97 2.13 0.00	34.92 1.82 0.00	35.04 1.86 0.00	33.24 2.20 0.00	34.57 2.77 0.00	36.81 2.73 0.00	44.52 3.42 -3.50	50.20 4.02 -4.35	51.46 4.52 -2.15	52.90 4.71 -0.14	57.95 5.26 -0.06	62.44 4.36 0.01	76.46 5.67 0.07	81.53 5.69 0.03	77.50 4.87 0.02	68.26 4.05 0.01	67.72 4.08 0.07	59.86 3.71 -2.34	52.81 3.78 0.00	48.66 3.85 0.00
BARRETT___2 23546	46.84 3.55 0.00	42.87 3.10 0.00	38.13 2.39 0.00	36.86 2.09 0.00	35.97 2.13 0.00	34.92 1.82 0.00	35.04 1.86 0.00	33.24 2.20 0.00	34.57 2.77 0.00	36.81 2.73 0.00	44.52 3.42 -3.50	50.20 4.02 -4.35	51.46 4.52 -2.15	52.90 4.71 -0.14	57.95 5.26 -0.06	62.44 4.36 0.01	76.46 5.67 0.07	81.53 5.69 0.03	77.50 4.87 0.02	68.26 4.05 0.01	67.72 4.08 0.07	59.86 3.71 -2.34	52.81 3.78 0.00	48.66 3.85 0.00
BATAVIA__115KV_TB1 55881	33.03 -3.51 6.75	30.92 -2.98 5.87	29.08 -2.54 4.12	29.67 -2.68 2.43	31.02 -2.74 0.08	30.15 -2.65 0.31	30.42 -2.46 0.31	27.08 -2.02 1.94	29.27 -2.13 0.41	31.17 -2.18 0.73	32.65 -2.18 2.76	33.18 -2.68 5.98	33.89 -3.31 7.59	35.15 -4.42 8.47	36.69 -4.95 10.99	39.01 -5.34 13.73	44.78 -7.01 19.06	49.18 -7.13 19.55	47.47 -6.61 18.57	46.25 -5.52 12.45	49.10 -5.35 9.26	40.59 -3.87 9.35	37.96 -3.87 7.20	35.66 -3.63 5.51
BAYONEEC___CTG1 323682	46.62 3.33 0.00	42.64 2.87 0.00	38.20 2.46 0.00	36.96 2.19 0.00	35.93 2.10 0.00	35.12 2.02 0.00	35.28 2.09 0.00	33.33 2.30 0.00	34.51 2.48 -0.22	36.64 2.56 0.00	40.78 3.12 -0.06	46.36 3.81 -0.71	56.96 4.30 -7.86	58.55 4.47 -6.03	60.43 5.00 -2.80	63.66 5.46 -0.12	77.50 6.59 -0.05	82.98 7.13 0.01	79.04 6.40 0.01	69.67 5.46 0.00	69.32 5.61 0.00	61.18 5.01 -2.36	53.61 4.56 -0.01	48.76 3.94 -0.01
BAYONEEC___CTG10 323750	46.62 3.33 0.00	42.64 2.87 0.00	38.20 2.46 0.00	36.96 2.19 0.00	35.93 2.10 0.00	35.12 2.02 0.00	35.28 2.09 0.00	33.33 2.30 0.00	34.51 2.48 -0.22	36.64 2.56 0.00	40.78 3.12 -0.06	46.36 3.81 -0.71	56.96 4.30 -7.86	58.55 4.47 -6.03	60.43 5.00 -2.80	63.66 5.46 -0.12	77.50 6.59 -0.05	82.98 7.13 0.01	79.04 6.40 0.01	69.67 5.46 0.00	69.32 5.61 0.00	61.18 5.01 -2.36	53.61 4.56 -0.01	48.76 3.94 -0.01
BAYONEEC___CTG2 323683	46.62 3.33 0.00	42.64 2.87 0.00	38.20 2.46 0.00	36.96 2.19 0.00	35.93 2.10 0.00	35.12 2.02 0.00	35.28 2.09 0.00	33.33 2.30 0.00	34.51 2.48 -0.22	36.64 2.56 0.00	40.78 3.12 -0.06	46.36 3.81 -0.71	56.96 4.30 -7.86	58.55 4.47 -6.03	60.43 5.00 -2.80	63.66 5.46 -0.12	77.50 6.59 -0.05	82.98 7.13 0.01	79.04 6.40 0.01	69.67 5.46 0.00	69.32 5.61 0.00	61.18 5.01 -2.36	53.61 4.56 -0.01	48.76 3.94 -0.01
BAYONEEC___CTG3 323684	46.62 3.33 0.00	42.64 2.87 0.00	38.20 2.46 0.00	36.96 2.19 0.00	35.93 2.10 0.00	35.12 2.02 0.00	35.28 2.09 0.00	33.33 2.30 0.00	34.51 2.48 -0.22	36.64 2.56 0.00	40.78 3.12 -0.06	46.36 3.81 -0.71	56.96 4.30 -7.86	58.55 4.47 -6.03	60.43 5.00 -2.80	63.66 5.46 -0.12	77.50 6.59 -0.05	82.98 7.13 0.01	79.04 6.40 0.01	69.67 5.46 0.00	69.32 5.61 0.00	61.18 5.01 -2.36	53.61 4.56 -0.01	48.76 3.94 -0.01
BAYONEEC___CTG4 323685	46.62 3.33 0.00	42.64 2.87 0.00	38.20 2.46 0.00	36.96 2.19 0.00	35.93 2.10 0.00	35.12 2.02 0.00	35.28 2.09 0.00	33.33 2.30 0.00	34.51 2.48 -0.22	36.64 2.56 0.00	40.78 3.12 -0.06	46.36 3.81 -0.71	56.96 4.30 -7.86	58.55 4.47 -6.03	60.43 5.00 -2.80	63.66 5.46 -0.12	77.50 6.59 -0.05	82.98 7.13 0.01	79.04 6.40 0.01	69.67 5.46 0.00	69.32 5.61 0.00	61.18 5.01 -2.36	53.61 4.56 -0.01	48.76 3.94 -0.01
BAYONEEC___CTG5 323686	46.62 3.33 0.00	42.64 2.87 0.00	38.20 2.46 0.00	36.96 2.19 0.00	35.93 2.10 0.00	35.12 2.02 0.00	35.28 2.09 0.00	33.33 2.30 0.00	34.51 2.48 -0.22	36.64 2.56 0.00	40.78 3.12 -0.06	46.36 3.81 -0.71	56.96 4.30 -7.86	58.55 4.47 -6.03	60.43 5.00 -2.80	63.66 5.46 -0.12	77.50 6.59 -0.05	82.98 7.13 0.01	79.04 6.40 0.01	69.67 5.46 0.00	69.32 5.61 0.00	61.18 5.01 -2.36	53.61 4.56 -0.01	48.76 3.94 -0.01
BAYONEEC___CTG6 323687	46.62 3.33 0.00	42.64 2.87 0.00	38.20 2.46 0.00	36.96 2.19 0.00	35.93 2.10 0.00	35.12 2.02 0.00	35.28 2.09 0.00	33.33 2.30 0.00	34.51 2.48 -0.22	36.64 2.56 0.00	40.78 3.12 -0.06	46.36 3.81 -0.71	56.96 4.30 -7.86	58.55 4.47 -6.03	60.43 5.00 -2.80	63.66 5.46 -0.12	77.50 6.59 -0.05	82.98 7.13 0.01	79.04 6.40 0.01	69.67 5.46 0.00	69.32 5.61 0.00	61.18 5.01 -2.36	53.61 4.56 -0.01	48.76 3.94 -0.01
BAYONEEC___CTG7 323688	46.62 3.33 0.00	42.64 2.87 0.00	38.20 2.46 0.00	36.96 2.19 0.00	35.93 2.10 0.00	35.12 2.02 0.00	35.28 2.09 0.00	33.33 2.30 0.00	34.51 2.48 -0.22	36.64 2.56 0.00	40.78 3.12 -0.06	46.36 3.81 -0.71	56.96 4.30 -7.86	58.55 4.47 -6.03	60.43 5.00 -2.80	63.66 5.46 -0.12	77.50 6.59 -0.05	82.98 7.13 0.01	79.04 6.40 0.01	69.67 5.46 0.00	69.32 5.61 0.00	61.18 5.01 -2.36	53.61 4.56 -0.01	48.76 3.94 -0.01

BAYONEEC___CTG8 323689	46.62 3.33 0.00	42.64 2.87 0.00	38.20 2.46 0.00	36.96 2.19 0.00	35.93 2.10 0.00	35.12 2.02 0.00	35.28 2.09 0.00	33.33 2.30 0.00	34.51 2.48 -0.22	36.64 2.56 0.00	40.78 3.12 -0.06	46.36 3.81 -0.71	56.96 4.30 -7.86	58.55 4.47 -6.03	60.43 5.00 -2.80	63.66 5.46 -0.12	77.50 6.59 -0.05	82.98 7.13 0.01	79.04 6.40 0.01	69.67 5.46 0.00	69.32 5.61 0.00	61.18 5.01 -2.36	53.61 4.56 -0.01	48.76 3.94 -0.01
BAYONEEC___CTG9 323749	46.62 3.33 0.00	42.64 2.87 0.00	38.20 2.46 0.00	36.96 2.19 0.00	35.93 2.10 0.00	35.12 2.02 0.00	35.28 2.09 0.00	33.33 2.30 0.00	34.51 2.48 -0.22	36.64 2.56 0.00	40.78 3.12 -0.06	46.36 3.81 -0.71	56.96 4.30 -7.86	58.55 4.47 -6.03	60.43 5.00 -2.80	63.66 5.46 -0.12	77.50 6.59 -0.05	82.98 7.13 0.01	79.04 6.40 0.01	69.67 5.46 0.00	69.32 5.61 0.00	61.18 5.01 -2.36	53.61 4.56 -0.01	48.76 3.94 -0.01
BAYPORT_69_KV_BK 2 356364	48.09 4.80 0.00	44.15 4.37 0.00	39.10 3.36 0.00	37.80 3.03 0.00	36.95 3.11 0.00	35.79 2.68 0.00	35.91 2.72 0.00	34.17 3.13 0.00	35.55 3.75 0.01	38.03 3.95 0.00	45.68 4.59 -3.50	51.67 5.48 -4.35	52.99 6.05 -2.15	56.68 6.58 -2.05	61.06 6.53 -1.90	65.76 5.63 -2.04	77.79 7.01 0.08	82.57 6.75 0.04	80.57 6.39 -1.52	69.49 5.27 0.00	66.55 4.71 1.87	60.57 4.41 -2.34	53.84 4.81 0.00	49.69 4.88 0.00
BEACON___LESR 323632	44.76 1.47 0.00	41.16 1.39 0.00	36.92 1.18 0.00	35.92 1.15 0.00	34.92 1.08 0.00	34.13 1.03 0.00	34.18 0.99 0.00	31.97 0.93 0.00	32.57 0.76 0.00	34.83 0.75 0.00	38.54 0.94 0.00	42.97 1.13 0.00	46.19 1.39 0.00	49.44 1.39 0.00	54.36 1.73 0.00	60.29 2.21 0.00	73.70 2.84 0.00	78.98 3.11 0.00	75.63 2.98 0.00	66.98 2.76 0.00	66.51 2.80 0.00	62.87 2.37 -6.69	51.09 2.06 0.00	46.64 1.84 0.00
BEAVER RIVER___HYD 24048	43.42 0.13 0.00	39.81 0.04 0.00	35.56 -0.18 0.00	34.53 -0.24 0.00	33.63 -0.20 0.00	32.77 -0.33 0.00	32.85 -0.33 0.00	30.88 -0.15 0.00	31.65 -0.16 0.00	33.95 -0.14 0.00	37.52 -0.08 0.00	41.55 -0.29 0.00	44.08 -0.72 0.00	47.42 -0.63 0.00	52.26 -0.37 0.00	56.98 -1.11 0.00	69.94 -0.92 0.00	75.34 -0.53 0.00	71.93 -0.73 0.00	63.51 -0.70 0.00	62.69 -1.02 0.00	52.36 -1.45 0.00	47.66 -1.37 0.00	44.31 -0.49 0.00
BEEBEE_GT_13 23619	38.48 -2.86 1.95	35.60 -2.51 1.67	32.44 -2.11 1.19	31.88 -2.19 0.70	31.65 -2.17 0.02	30.87 -2.15 0.09	31.04 -2.06 0.09	28.81 -1.68 0.55	30.01 -1.69 0.12	32.20 -1.67 0.21	35.15 -1.65 0.80	38.11 -2.01 1.73	39.41 -2.42 2.97	41.04 -3.22 3.79	43.97 -3.63 5.03	47.83 -3.83 6.42	57.25 -4.96 8.64	61.03 -5.16 9.68	58.39 -5.01 9.26	53.28 -4.37 6.57	54.28 -4.27 5.17	46.02 -3.18 4.62	42.48 -3.19 3.37	40.14 -3.05 1.61
BENSHRST_27_KV_BENSHRST_1 355998	47.28 3.98 -0.01	43.15 3.38 0.00	38.63 2.89 0.00	37.31 2.54 0.00	36.27 2.44 0.00	35.39 2.28 0.00	35.51 2.32 0.00	33.58 2.54 0.00	34.63 2.58 -0.24	36.98 2.90 0.00	41.24 3.57 -0.07	46.76 4.14 -0.78	58.09 4.70 -8.59	59.73 5.09 -6.59	61.06 5.37 -3.06	64.14 5.92 -0.13	78.01 7.09 -0.06	83.59 7.74 0.01	79.47 6.83 0.01	70.00 5.78 0.00	69.77 6.05 0.00	61.72 5.54 -2.36	54.30 5.25 -0.02	49.44 4.61 -0.02
BETHLEHEM___GRP 23843	44.20 0.91 0.00	40.65 0.87 0.00	36.49 0.75 0.00	35.50 0.73 0.00	34.51 0.68 0.00	33.77 0.66 0.00	33.78 0.60 0.00	31.63 0.59 0.00	32.22 0.41 0.00	34.46 0.37 0.00	38.09 0.49 0.00	42.47 0.63 0.00	45.60 0.81 0.00	48.87 0.82 0.00	53.58 0.95 0.00	59.36 1.28 0.00	72.49 1.63 0.00	77.61 1.74 0.00	74.33 1.67 0.00	65.82 1.61 0.00	65.31 1.59 0.00	61.86 1.45 -6.59	50.26 1.23 0.00	45.97 1.16 0.00
BETHLEHEM___GS1 323560	44.20 0.91 0.00	40.64 0.87 0.00	36.49 0.75 0.00	35.50 0.73 0.00	34.51 0.68 0.00	33.77 0.66 0.00	33.78 0.60 0.00	31.62 0.59 0.00	32.22 0.41 0.00	34.46 0.38 0.00	38.09 0.49 0.00	42.47 0.63 0.00	45.60 0.81 0.00	48.77 0.72 0.00	53.63 1.00 0.00	59.36 1.28 0.00	72.49 1.63 0.00	77.61 1.75 0.00	74.33 1.67 0.00	65.82 1.61 0.00	65.31 1.59 0.00	61.81 1.40 -6.59	50.26 1.23 0.00	45.97 1.16 0.00
BETHLEHEM___GS2 323561	44.20 0.91 0.00	40.64 0.87 0.00	36.49 0.75 0.00	35.50 0.73 0.00	34.51 0.68 0.00	33.77 0.66 0.00	33.78 0.60 0.00	31.62 0.59 0.00	32.22 0.41 0.00	34.46 0.38 0.00	38.09 0.49 0.00	42.47 0.63 0.00	45.60 0.81 0.00	48.77 0.72 0.00	53.63 1.00 0.00	59.36 1.28 0.00	72.49 1.63 0.00	77.61 1.75 0.00	74.33 1.67 0.00	65.82 1.61 0.00	65.31 1.59 0.00	61.81 1.40 -6.59	50.26 1.23 0.00	45.97 1.16 0.00
BETHLEHEM___GS3 323562	44.20 0.91 0.00	40.64 0.87 0.00	36.49 0.75 0.00	35.50 0.73 0.00	34.51 0.68 0.00	33.77 0.66 0.00	33.78 0.60 0.00	31.62 0.59 0.00	32.22 0.41 0.00	34.46 0.38 0.00	38.09 0.49 0.00	42.47 0.63 0.00	45.60 0.81 0.00	48.77 0.72 0.00	53.63 1.00 0.00	59.36 1.28 0.00	72.49 1.63 0.00	77.61 1.75 0.00	74.33 1.67 0.00	65.82 1.61 0.00	65.31 1.59 0.00	61.81 1.40 -6.59	50.26 1.23 0.00	45.97 1.16 0.00
BETHLEHEM___STEEL 23779	27.46 -3.98 11.85	26.33 -3.34 10.10	25.54 -2.97 7.23	27.42 -3.09 4.26	30.55 -3.15 0.13	29.53 -3.05 0.53	29.90 -2.75 0.53	25.36 -2.33 3.34	28.65 -2.45 0.71	30.40 -2.42 1.27	30.27 -2.48 4.85	28.38 -2.97 10.49	28.69 -3.63 12.47	29.84 -4.80 13.41	30.46 -5.32 16.86	31.36 -5.81 20.92	34.87 -7.37 28.62	39.24 -7.74 28.89	37.80 -7.34 27.52	39.97 -6.04 18.21	44.60 -5.86 13.25	35.17 -4.36 14.28	33.85 -4.22 10.97	31.57 -3.85 9.38
BETHLHEM_115KV_TB1 79974	44.28 1.00 0.00	40.72 0.95 0.00	36.56 0.82 0.00	35.57 0.80 0.00	34.58 0.74 0.00	33.80 0.70 0.00	33.85 0.66 0.00	31.69 0.65 0.00	32.29 0.48 0.00	34.52 0.44 0.00	38.16 0.56 0.00	42.55 0.71 0.00	45.69 0.90 0.00	48.96 0.91 0.00	53.68 1.05 0.00	59.48 1.39 0.00	72.63 1.77 0.00	77.76 1.90 0.00	74.47 1.82 0.00	65.95 1.73 0.00	65.43 1.72 0.00	61.69 1.51 -6.36	50.36 1.32 0.00	46.01 1.21 0.00
BETHPAGE_CC_5 323564	47.36 4.07 0.00	43.35 3.58 0.00	38.49 2.75 0.00	37.17 2.40 0.00	36.30 2.47 0.00	35.22 2.12 0.00	35.34 2.16 0.00	33.58 2.55 0.00	34.93 3.12 0.00	37.25 3.17 0.00	44.97 3.87 -3.50	50.67 4.48 -4.35	51.87 4.93 -2.15	53.33 5.09 -0.19	58.24 5.52 -0.08	62.98 4.59 -0.31	76.60 5.81 0.07	81.68 5.84 0.03	77.64 5.01 0.02	68.32 4.11 0.01	66.56 4.20 1.35	59.91 3.77 -2.33	53.06 4.02 0.00	49.02 4.21 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	27.94 -3.77 11.58	26.76 -3.14 9.87	25.88 -2.79 7.07	27.69 -2.92 4.16	30.76 -2.94 0.13	29.71 -2.88 0.51	30.08 -2.59 0.51	25.63 -2.14 3.27	28.83 -2.29 0.69	30.63 -2.22 1.24	30.61 -2.26 4.74	28.91 -2.68 10.25	29.28 -3.31 12.20	30.46 -4.47 13.12	31.12 -5.00 16.51	32.13 -5.46 20.49	35.91 -6.87 28.07	40.33 -7.21 28.32	38.78 -6.90 26.98	40.78 -5.59 17.85	45.24 -5.48 13.00	35.86 -3.98 13.98	34.42 -3.87 10.74	32.05 -3.58 9.17

BINGHAMTON___COGEN 23790	44.67 -0.17 -1.55	40.97 -0.12 -1.32	36.58 -0.11 -0.95	35.16 -0.17 -0.56	33.65 -0.20 -0.02	32.97 -0.20 -0.07	33.12 -0.13 -0.07	31.44 -0.03 -0.44	31.77 -0.13 -0.09	34.18 -0.07 -0.17	38.24 0.00 -0.64	43.17 -0.04 -1.38	45.99 -0.09 -1.28	48.95 -0.24 -1.14	53.84 -0.26 -1.48	59.67 -0.17 -1.76	71.85 -0.28 -1.28	77.39 -0.15 -1.68	74.19 -0.22 -1.76	65.22 -0.13 -1.13	64.31 -0.06 -0.66	55.98 0.05 -2.11	49.80 -0.15 -0.92	45.92 -0.18 -1.30
BIXINCNT_115KV_LOAD 355685	28.84 -3.94 10.50	27.48 -3.34 8.95	26.47 -2.86 6.41	28.04 -2.96 3.77	30.74 -2.98 0.12	29.79 -2.85 0.47	30.10 -2.62 0.47	25.90 -2.17 2.96	28.92 -2.26 0.63	30.74 -2.22 1.12	31.09 -2.22 4.30	29.74 -2.80 9.30	30.18 -3.49 11.12	31.54 -4.52 11.99	32.48 -5.05 15.10	33.81 -5.52 18.75	37.86 -7.16 25.84	42.41 -7.43 26.02	40.62 -7.27 24.76	42.18 -5.65 16.39	46.54 -5.22 11.95	37.42 -3.66 12.74	35.77 -3.43 9.83	33.34 -3.14 8.33
BLACK RIVER___HYD 24047	44.24 0.95 0.00	40.64 0.87 0.00	36.42 0.68 0.00	35.43 0.66 0.00	34.47 0.64 0.00	33.57 0.46 0.00	33.55 0.37 0.00	31.44 0.40 0.00	32.06 0.25 0.00	34.35 0.27 0.00	38.05 0.45 0.00	42.22 0.38 0.00	44.75 -0.04 0.00	48.19 0.14 0.00	53.26 0.63 0.00	58.14 0.06 0.00	71.42 0.56 0.00	77.00 1.14 0.00	73.46 0.80 0.00	64.93 0.71 0.00	63.97 0.26 0.00	53.11 -0.70 0.00	48.30 -0.73 0.00	44.89 0.09 0.00
BLACKRVR_115KV_TB2 79977	44.24 0.95 0.00	40.65 0.87 0.00	36.42 0.68 0.00	35.43 0.66 0.00	34.48 0.64 0.00	33.57 0.46 0.00	33.55 0.37 0.00	31.44 0.40 0.00	32.06 0.25 0.00	34.35 0.27 0.00	38.05 0.45 0.00	42.22 0.38 0.00	44.75 -0.04 0.00	48.10 0.05 0.00	53.26 0.63 0.00	58.14 0.06 0.00	71.43 0.57 0.00	77.00 1.14 0.00	73.45 0.80 0.00	64.92 0.71 0.00	63.97 0.25 0.00	53.12 -0.70 0.00	48.30 -0.74 0.00	44.89 0.09 0.00
BLISS_WT_PWR 323608	28.59 -4.20 10.50	27.20 -3.62 8.95	26.25 -3.07 6.41	27.87 -3.13 3.77	30.57 -3.15 0.12	29.63 -3.01 0.47	29.93 -2.79 0.47	25.74 -2.33 2.96	28.76 -2.42 0.63	30.61 -2.35 1.12	30.90 -2.41 4.30	29.49 -3.05 9.30	29.91 -3.76 11.12	32.17 -3.89 11.99	32.22 -5.31 15.10	33.58 -5.75 18.75	37.36 -7.65 25.84	42.03 -7.81 26.02	40.12 -7.77 24.76	41.79 -6.04 16.39	46.22 -5.54 11.95	36.61 -4.47 12.74	35.67 -3.53 9.83	33.21 -3.27 8.33
BLUESTONE___WT_PWR 323821	46.34 1.30 -1.76	42.49 1.23 -1.49	37.92 1.11 -1.07	36.45 1.04 -0.63	34.83 0.98 -0.02	34.11 0.93 -0.08	33.79 0.53 -0.08	32.02 0.50 -0.49	32.17 0.25 -0.10	34.57 0.31 -0.19	38.77 0.45 -0.72	43.77 0.38 -1.56	46.41 0.09 -1.52	49.62 0.14 -1.42	54.88 0.42 -1.83	60.58 0.29 -2.20	73.42 0.56 -2.00	79.21 0.98 -2.36	75.77 0.73 -2.39	66.48 0.71 -1.55	65.33 0.64 -0.98	56.78 0.11 -2.86	50.14 -0.05 -1.15	46.30 0.04 -1.45
BLUE_CIRC_CHEM_DRP 24182	44.72 1.43 0.00	41.12 1.35 0.00	36.92 1.18 0.00	35.95 1.18 0.00	34.92 1.08 0.00	34.16 1.06 0.00	34.18 1.00 0.00	31.91 0.87 0.00	32.41 0.60 0.00	34.63 0.55 0.00	38.28 0.68 0.00	42.68 0.84 0.00	45.83 1.03 0.00	49.20 1.15 0.00	54.00 1.37 0.00	59.88 1.80 0.00	73.20 2.34 0.00	78.44 2.58 0.00	75.20 2.54 0.00	66.59 2.38 0.00	66.13 2.42 0.00	61.39 2.10 -5.47	50.95 1.91 0.00	46.51 1.70 0.00
BOC_GAS_DRP 24189	44.41 1.13 0.00	40.80 1.03 0.00	36.63 0.89 0.00	35.64 0.87 0.00	34.64 0.81 0.00	33.90 0.79 0.00	33.98 0.80 0.00	31.81 0.78 0.00	32.45 0.64 0.00	34.69 0.61 0.00	38.35 0.75 0.00	42.80 0.96 0.00	45.91 1.12 0.00	49.25 1.20 0.00	53.95 1.32 0.00	59.65 1.57 0.00	72.77 1.91 0.00	77.91 2.05 0.00	74.62 1.96 0.00	66.02 1.80 0.00	65.50 1.78 0.00	60.62 1.61 -5.19	50.51 1.47 0.00	46.10 1.30 0.00
BOONVILLE_115KV_TB1 79983	43.72 0.43 0.00	40.13 0.36 0.00	35.95 0.21 0.00	34.91 0.14 0.00	33.97 0.14 0.00	33.17 0.07 0.00	33.28 0.10 0.00	31.22 0.19 0.00	31.97 0.16 0.00	34.25 0.17 0.00	37.86 0.26 0.00	42.05 0.21 0.00	44.79 0.00 0.00	48.10 0.05 0.00	53.00 0.37 0.00	58.08 0.00 0.00	71.07 0.21 0.00	76.40 0.53 0.00	72.95 0.29 0.00	64.47 0.26 0.00	63.78 0.06 0.00	53.44 -0.38 0.00	48.64 -0.39 0.00	44.85 0.04 0.00
BORALEX_4TH_BRANCH 23824	45.58 2.29 0.00	42.00 2.23 0.00	37.70 1.97 0.00	36.61 1.84 0.00	35.63 1.79 0.00	34.76 1.66 0.00	34.78 1.59 0.00	32.59 1.55 0.00	33.08 1.27 0.00	35.27 1.19 0.00	38.92 1.32 0.00	43.43 1.59 0.00	46.59 1.79 0.00	49.88 1.83 0.00	54.79 2.16 0.00	60.64 2.56 0.00	74.26 3.40 0.00	79.28 3.41 0.00	76.43 3.78 0.00	67.81 3.60 0.00	66.90 3.19 0.00	65.10 2.96 -8.33	51.73 2.70 0.00	47.18 2.37 0.00
BOWLINE___1 23526	45.88 2.60 0.00	42.00 2.23 0.00	37.63 1.89 0.00	36.48 1.70 0.00	35.46 1.62 0.00	34.66 1.56 0.00	34.78 1.59 0.00	32.77 1.74 0.00	33.62 1.81 0.00	35.99 1.91 0.00	39.97 2.37 0.00	44.81 2.97 0.00	48.16 3.36 0.00	51.56 3.51 0.00	56.63 4.00 0.00	62.50 4.41 0.00	76.11 5.32 0.07	81.60 5.76 0.03	77.80 5.16 0.01	68.71 4.49 0.00	68.24 4.52 0.00	60.08 3.98 -2.28	52.71 3.68 0.00	47.89 3.09 0.00
BOWLINE___2 23595	45.88 2.60 0.00	42.00 2.23 0.00	37.63 1.89 0.00	36.48 1.70 0.00	35.46 1.62 0.00	34.66 1.56 0.00	34.78 1.59 0.00	32.77 1.74 0.00	33.62 1.81 0.00	35.99 1.91 0.00	39.97 2.37 0.00	44.81 2.97 0.00	48.16 3.36 0.00	51.56 3.51 0.00	56.63 4.00 0.00	62.50 4.41 0.00	76.11 5.32 0.07	81.60 5.76 0.03	77.80 5.16 0.01	68.71 4.49 0.00	68.24 4.52 0.00	60.08 3.98 -2.28	52.71 3.68 0.00	47.89 3.09 0.00
BRADY___115KV_TB2 356060	42.98 -0.30 0.00	39.49 -0.28 0.00	35.49 -0.25 0.00	34.60 -0.17 0.00	33.73 -0.10 0.00	32.91 -0.20 0.00	32.99 -0.20 0.00	30.66 -0.37 0.00	31.49 -0.32 0.00	33.77 -0.31 0.00	37.30 -0.30 0.00	41.34 -0.50 0.00	44.21 -0.58 0.00	47.47 -0.58 0.00	52.00 -0.63 0.00	57.04 -1.05 0.00	69.65 -1.20 0.00	74.88 -0.99 0.00	71.86 -0.80 0.00	63.45 -0.77 0.00	62.89 -0.83 0.00	52.52 -1.29 0.00	48.05 -0.98 0.00	44.40 -0.40 0.00
BRANSCOMB___SOLAR 323811	45.28 1.99 0.00	41.64 1.87 0.00	37.35 1.61 0.00	36.41 1.63 0.00	35.32 1.49 0.00	34.56 1.45 0.00	34.58 1.39 0.00	32.25 1.21 0.00	32.70 0.89 0.00	34.90 0.82 0.00	38.50 0.90 0.00	42.84 1.00 0.00	45.96 1.16 0.00	49.44 1.39 0.00	54.42 1.79 0.00	60.52 2.44 0.00	74.40 3.54 0.00	80.03 4.17 0.00	76.87 4.21 0.00	68.20 3.98 0.00	67.79 4.08 0.00	67.43 3.45 -10.17	51.98 2.94 0.00	47.27 2.46 0.00
BRDGHMPT_69_KV_BK1 55812	48.35 5.06 0.00	44.62 4.85 0.00	39.60 3.86 0.00	38.35 3.58 0.00	37.62 3.79 0.00	36.45 3.34 0.00	36.64 3.45 0.00	34.98 3.94 0.00	36.41 4.61 0.01	38.99 4.91 0.00	46.62 5.53 -3.50	52.46 6.28 -4.35	53.66 6.72 -2.15	57.48 7.16 -2.27	61.73 7.00 -2.10	65.64 5.81 -1.75	78.00 7.23 0.08	82.65 6.83 0.04	81.03 6.54 -1.84	69.55 5.33 0.00	66.04 4.27 1.95	60.41 4.25 -2.34	53.79 4.76 0.00	49.46 4.66 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	47.66 4.37 0.00	43.71 3.94 0.00	38.74 3.00 0.00	37.41 2.64 0.00	36.57 2.74 0.00	35.45 2.35 0.00	35.54 2.36 0.00	33.83 2.79 0.00	35.17 3.37 0.01	37.56 3.48 0.00	45.23 4.14 -3.50	51.12 4.94 -4.35	52.36 5.42 -2.15	54.52 5.91 -0.56	59.19 5.74 -0.83	67.90 4.88 -4.94	76.73 5.95 0.08	81.44 5.61 0.04	79.49 5.16 -1.68	68.40 4.17 0.00	66.04 4.21 1.88	59.98 3.82 -2.34	53.35 4.32 0.00	49.33 4.53 0.00
BRISTLHL_115KV_TB1 79998	42.34 -0.95 0.00	38.94 -0.84 0.00	35.02 -0.71 0.00	34.08 -0.70 0.00	33.12 -0.71 0.00	32.41 -0.70 0.00	32.49 -0.70 0.00	30.45 -0.59 0.00	31.17 -0.64 0.00	33.47 -0.61 0.00	36.81 -0.79 0.00	40.88 -0.96 0.00	44.44 -1.08 -0.72	48.09 -1.20 -1.24	53.00 -1.32 -1.68	58.98 -1.34 -2.23	72.74 -1.63 -3.51	78.04 -1.74 -3.92	74.60 -1.74 -3.68	65.40 -1.54 -2.72	64.54 -1.47 -2.29	54.23 -1.24 -1.66	48.94 -1.27 -1.18	43.60 -1.21 0.00
BROOKHAVEN___DRP 24191	47.70 4.42 0.00	43.79 4.02 0.00	38.85 3.11 0.00	37.55 2.78 0.00	36.74 2.91 0.00	35.59 2.48 0.00	35.71 2.52 0.00	33.98 2.95 0.00	35.36 3.56 0.01	37.76 3.68 0.00	45.20 4.10 -3.50	51.04 4.85 -4.35	52.27 5.33 -2.15	56.12 5.81 -2.26	60.35 5.63 -2.09	64.31 4.47 -1.75	76.44 5.67 0.08	81.13 5.31 0.04	79.60 5.09 -1.86	68.46 4.24 0.00	65.20 3.44 1.95	59.71 3.55 -2.34	53.25 4.22 0.00	49.11 4.30 0.00
BROOKLYN_NAVY_YARD 23515	46.67 3.38 0.00	42.64 2.87 0.00	38.20 2.46 0.00	36.96 2.19 0.00	35.93 2.10 0.00	35.12 2.02 0.00	35.31 2.13 0.00	33.39 2.36 0.00	34.54 2.51 -0.22	36.67 2.59 0.00	40.86 3.19 -0.06	46.48 3.93 -0.71	57.05 4.39 -7.86	58.65 4.57 -6.03	60.53 5.10 -2.80	63.78 5.58 -0.12	77.64 6.74 -0.05	83.21 7.36 0.01	79.18 6.54 0.01	69.80 5.58 0.00	69.45 5.74 0.00	61.34 5.17 -2.36	53.71 4.66 -0.01	48.80 3.99 -0.01
BROOKLYN___ARMY_DRP 323595	47.06 3.77 -0.01	42.95 3.18 0.00	38.45 2.72 0.00	37.17 2.40 0.00	36.13 2.30 0.00	35.26 2.15 0.00	35.34 2.16 0.00	33.46 2.42 0.00	34.47 2.42 -0.24	36.81 2.73 0.00	41.01 3.35 -0.07	46.55 3.93 -0.78	57.82 4.43 -8.59	59.44 4.80 -6.59	60.69 5.00 -3.06	63.73 5.52 -0.13	77.58 6.66 -0.06	83.06 7.21 0.01	78.96 6.32 0.01	69.55 5.33 0.00	69.38 5.67 0.00	61.39 5.22 -2.36	54.00 4.95 -0.02	49.17 4.35 -0.02
BROOME_2_LFGE 323671	44.67 -0.17 -1.55	40.97 -0.12 -1.32	36.58 -0.11 -0.95	35.16 -0.17 -0.56	33.65 -0.20 -0.02	32.98 -0.20 -0.07	33.12 -0.13 -0.07	31.44 -0.03 -0.44	31.77 -0.13 -0.09	34.18 -0.07 -0.17	38.24 0.00 -0.64	43.17 -0.04 -1.38	45.99 -0.09 -1.28	49.14 -0.05 -1.14	53.90 -0.21 -1.48	59.67 -0.17 -1.76	71.85 -0.28 -1.28	77.39 -0.15 -1.68	74.19 -0.22 -1.76	65.22 -0.13 -1.13	64.31 -0.06 -0.66	55.82 -0.11 -2.11	49.80 -0.15 -0.92	45.88 -0.22 -1.30
BROOME___LFGE 323600	44.67 -0.17 -1.55	40.97 -0.12 -1.32	36.58 -0.11 -0.95	35.16 -0.17 -0.56	33.65 -0.20 -0.02	32.98 -0.20 -0.07	33.12 -0.13 -0.07	31.44 -0.03 -0.44	31.77 -0.13 -0.09	34.18 -0.07 -0.17	38.24 0.00 -0.64	43.17 -0.04 -1.38	45.99 -0.09 -1.28	49.14 -0.05 -1.14	53.90 -0.21 -1.48	59.67 -0.17 -1.76	71.85 -0.28 -1.28	77.39 -0.15 -1.68	74.19 -0.22 -1.76	65.22 -0.13 -1.13	64.31 -0.06 -0.66	55.82 -0.11 -2.11	49.80 -0.15 -0.92	45.88 -0.22 -1.30
BROWNFLS_115KV_TB_3_5 80003	42.81 -0.48 0.00	39.29 -0.48 0.00	35.20 -0.54 0.00	34.25 -0.52 0.00	33.36 -0.47 0.00	32.51 -0.60 0.00	32.59 -0.60 0.00	30.48 -0.56 0.00	31.33 -0.48 0.00	33.60 -0.48 0.00	37.11 -0.49 0.00	41.13 -0.71 0.00	43.81 -0.99 0.00	47.04 -1.01 0.00	51.79 -0.84 0.00	56.57 -1.51 0.00	69.23 -1.63 0.00	74.58 -1.29 0.00	71.27 -1.38 0.00	62.87 -1.35 0.00	62.25 -1.47 0.00	51.88 -1.94 0.00	47.37 -1.67 0.00	43.91 -0.90 0.00
BROWNSV1_27_KV_LOAD 356125	47.05 3.77 0.00	42.99 3.22 0.00	38.53 2.79 0.00	37.24 2.47 0.00	36.23 2.40 0.00	35.39 2.28 0.00	35.57 2.39 0.00	33.61 2.58 0.00	34.77 2.74 -0.22	36.98 2.90 0.00	41.16 3.50 -0.06	46.82 4.27 -0.71	57.45 4.79 -7.86	59.27 5.19 -6.03	60.96 5.53 -2.80	64.36 6.16 -0.12	78.35 7.44 -0.05	83.90 8.04 0.01	79.91 7.27 0.01	70.45 6.23 0.00	70.08 6.37 0.00	61.77 5.60 -2.36	54.15 5.10 -0.01	49.25 4.44 -0.01
BURROWS___LYONSDAL 23803	43.59 0.30 0.00	39.97 0.20 0.00	35.74 0.00 0.00	34.70 -0.07 0.00	33.77 -0.07 0.00	32.97 -0.13 0.00	33.08 -0.10 0.00	31.07 0.03 0.00	31.87 0.06 0.00	34.15 0.07 0.00	37.75 0.15 0.00	41.84 0.00 0.00	44.53 -0.27 0.00	47.86 -0.19 0.00	52.73 0.11 0.00	57.62 -0.46 0.00	70.65 -0.21 0.00	75.94 0.08 0.00	72.51 -0.15 0.00	64.03 -0.19 0.00	63.33 -0.38 0.00	53.01 -0.81 0.00	48.30 -0.74 0.00	44.67 -0.13 0.00
CAITHNESS_CC_1 323624	47.53 4.24 0.00	43.67 3.90 0.00	38.74 3.00 0.00	37.45 2.68 0.00	36.61 2.77 0.00	35.49 2.38 0.00	35.57 2.39 0.00	33.86 2.82 0.00	35.24 3.44 0.00	37.63 3.54 0.00	45.08 3.98 -3.50	50.91 4.73 -4.35	52.18 5.24 -2.15	55.48 5.19 -2.24	60.29 5.58 -2.08	64.14 4.30 -1.76	76.23 5.46 0.08	81.21 5.39 0.04	79.48 4.94 -1.88	68.27 4.05 0.00	65.13 3.37 1.95	59.98 3.82 -2.34	53.06 4.02 0.00	48.92 4.12 0.00
CALPINE BETH_PAGE_GT4 24209	47.36 4.07 0.00	43.35 3.58 0.00	38.49 2.75 0.00	37.17 2.40 0.00	36.27 2.44 0.00	35.22 2.12 0.00	35.34 2.16 0.00	33.58 2.54 0.00	34.88 3.09 0.01	37.22 3.14 0.00	44.89 3.80 -3.50	50.62 4.44 -4.35	51.87 4.93 -2.15	53.65 5.43 -0.17	58.02 5.32 -0.08	62.96 4.65 -0.23	76.67 5.88 0.07	81.45 5.61 0.03	77.65 5.01 0.02	68.32 4.11 0.01	66.64 4.14 1.21	59.81 3.66 -2.33	53.10 4.07 0.00	48.97 4.17 0.00
CALPINE_BETH_PAGE_GT_4 323586	47.36 4.07 0.00	43.31 3.54 0.00	38.45 2.71 0.00	37.17 2.40 0.00	36.27 2.44 0.00	35.22 2.12 0.00	35.34 2.16 0.00	33.58 2.55 0.00	34.89 3.08 0.00	37.21 3.13 0.00	44.89 3.80 -3.50	50.62 4.43 -4.35	51.87 4.93 -2.15	53.32 5.09 -0.17	58.28 5.58 -0.08	62.85 4.53 -0.23	76.52 5.74 0.07	81.68 5.84 0.03	77.64 5.01 0.02	68.32 4.11 0.01	66.70 4.20 1.21	59.91 3.77 -2.33	53.06 4.02 0.00	48.92 4.12 0.00
CALPINE_BP_GT1 23823	47.36 4.07 0.00	43.31 3.54 0.00	38.45 2.71 0.00	37.17 2.40 0.00	36.27 2.44 0.00	35.22 2.12 0.00	35.34 2.16 0.00	33.58 2.55 0.00	34.89 3.08 0.00	37.21 3.13 0.00	44.89 3.80 -3.50	50.62 4.43 -4.35	51.87 4.93 -2.15	53.32 5.09 -0.17	58.28 5.58 -0.08	62.85 4.53 -0.23	76.52 5.74 0.07	81.68 5.84 0.03	77.64 5.01 0.02	68.32 4.11 0.01	66.70 4.20 1.21	59.91 3.77 -2.33	53.06 4.02 0.00	48.92 4.12 0.00
CALSPAN___DRP 24200	27.46 -3.98 11.85	26.33 -3.34 10.10	25.54 -2.97 7.23	27.42 -3.09 4.26	30.55 -3.15 0.13	29.53 -3.05 0.53	29.90 -2.75 0.53	25.36 -2.33 3.34	28.65 -2.45 0.71	30.40 -2.42 1.27	30.27 -2.48 4.85	28.38 -2.97 10.49	28.69 -3.63 12.47	29.84 -4.80 13.41	30.46 -5.32 16.86	31.36 -5.81 20.92	34.87 -7.37 28.62	39.24 -7.74 28.89	37.80 -7.34 27.52	39.97 -6.04 18.21	44.60 -5.86 13.25	35.17 -4.36 14.28	33.85 -4.22 10.97	31.57 -3.85 9.38

CALVERTON___SOLAR 323806	47.83 4.54 0.00	43.95 4.17 0.00	38.99 3.25 0.00	37.69 2.92 0.00	36.88 3.05 0.00	35.72 2.61 0.00	35.84 2.66 0.00	34.14 3.10 0.00	35.49 3.69 0.00	37.93 3.85 0.00	45.34 4.25 -3.50	51.21 5.02 -4.35	52.49 5.55 -2.15	55.83 5.52 -2.26	60.67 5.95 -2.10	64.42 4.59 -1.75	76.59 5.81 0.08	81.58 5.76 0.04	79.88 5.38 -1.85	68.65 4.43 0.00	65.33 3.57 1.95	60.36 4.20 -2.34	53.35 4.32 0.00	49.15 4.34 0.00
CANDIGU_WT_PWR 323617	-10.54 -1.78 52.05	-6.00 -1.71 44.06	2.41 -1.57 31.76	14.34 -1.74 18.69	31.53 -1.72 0.57	29.22 -1.59 2.29	29.50 -1.39 2.29	15.26 -1.18 14.59	27.32 -1.40 3.09	27.13 -1.40 5.55	14.77 -1.54 21.28	-6.00 -1.76 46.08	-6.00 -1.97 48.83	-6.00 -2.06 51.98	-6.00 -2.95 55.68	-28.11 -3.02 83.17	-6.00 -3.83 73.03	-6.00 -3.72 78.15	-6.00 -3.41 75.24	-6.96 -2.69 68.49	12.91 -2.55 48.25	-5.77 -2.26 57.32	3.75 -1.76 43.53	0.87 -1.66 42.28
CARR STREET_E_SYR 24060	42.55 -0.74 0.00	39.09 -0.68 0.00	35.20 -0.54 0.00	34.21 -0.56 0.00	33.26 -0.58 0.00	32.54 -0.56 0.00	32.62 -0.56 0.00	30.60 -0.43 0.00	31.30 -0.51 0.00	33.64 -0.44 0.00	37.04 -0.56 0.00	41.17 -0.67 0.00	43.58 -0.81 0.41	46.56 -0.77 0.72	50.71 -0.95 0.97	55.81 -0.99 1.28	67.63 -1.21 2.02	72.31 -1.29 2.26	69.23 -1.31 2.12	61.43 -1.22 1.57	61.25 -1.14 1.32	51.84 -1.02 0.95	47.38 -0.98 0.68	43.86 -0.94 0.00
CARTHAGE___PAPER 23857	43.81 0.52 0.00	40.21 0.44 0.00	35.95 0.22 0.00	34.98 0.21 0.00	34.04 0.20 0.00	33.17 0.07 0.00	33.22 0.03 0.00	31.13 0.09 0.00	31.84 0.03 0.00	34.12 0.03 0.00	37.75 0.15 0.00	41.84 0.00 0.00	44.39 -0.40 0.00	47.76 -0.29 0.00	52.68 0.05 0.00	57.50 -0.58 0.00	70.58 -0.28 0.00	76.17 0.30 0.00	72.73 0.07 0.00	64.22 0.00 0.00	63.33 -0.38 0.00	52.74 -1.08 0.00	48.00 -1.03 0.00	44.63 -0.18 0.00
CASSADAGA_WT_PWR 323784	27.66 -4.50 11.13	26.49 -3.82 9.46	25.55 -3.40 6.79	27.26 -3.51 4.00	30.19 -3.52 0.12	29.23 -3.38 0.49	29.67 -3.02 0.49	25.36 -2.54 3.14	28.54 -2.61 0.66	30.34 -2.56 1.19	30.49 -2.56 4.55	28.81 -3.18 9.85	29.12 -3.94 11.74	31.34 -4.08 12.63	31.24 -5.53 15.87	32.87 -5.52 19.70	36.67 -7.15 27.03	42.17 -6.45 27.25	40.68 -6.03 25.95	42.49 -4.56 17.17	46.30 -4.90 12.50	36.21 -4.20 13.40	35.18 -3.53 10.33	32.73 -3.27 8.80
CE_DUNWOOD___DRP 24194	46.23 2.94 0.00	42.32 2.55 0.00	37.92 2.18 0.00	36.72 1.95 0.00	35.69 1.86 0.00	34.89 1.79 0.00	35.01 1.83 0.00	33.02 1.99 0.00	33.91 2.10 0.00	36.26 2.18 0.00	40.31 2.71 -0.01	45.20 3.35 -0.16	48.76 3.81 -0.12	52.31 4.13 -0.06	57.06 4.37 0.00	62.97 4.88 0.06	76.75 5.95 0.06	82.21 6.37 0.03	78.45 5.81 0.01	69.23 5.01 0.00	68.75 5.03 0.00	60.62 4.47 -2.34	53.15 4.12 0.00	48.30 3.49 0.00
CE_MILLWOOD___DRP 24193	46.10 2.81 0.00	42.20 2.43 0.00	37.81 2.07 0.00	36.65 1.88 0.00	35.63 1.79 0.00	34.83 1.72 0.00	34.94 1.76 0.00	32.93 1.89 0.00	33.81 2.00 0.00	36.16 2.08 0.00	40.19 2.59 0.00	45.06 3.22 0.00	48.42 3.63 0.00	52.04 3.99 0.00	56.84 4.21 0.00	62.79 4.70 0.00	76.53 5.74 0.07	81.98 6.15 0.03	78.16 5.52 0.01	69.03 4.82 0.00	68.56 4.84 0.00	60.45 4.31 -2.33	52.96 3.92 0.00	48.17 3.36 0.00
CE_NYC2_DRP 24202	46.79 3.51 0.00	42.71 2.94 0.00	38.31 2.57 0.00	37.03 2.26 0.00	36.00 2.17 0.00	35.19 2.09 0.00	35.31 2.12 0.00	33.39 2.36 0.00	34.50 2.45 -0.24	36.71 2.62 0.00	40.83 3.16 -0.07	46.42 3.81 -0.78	57.68 4.30 -8.59	59.25 4.61 -6.59	60.48 4.79 -3.06	63.50 5.29 -0.13	77.30 6.38 -0.06	82.76 6.90 0.01	78.74 6.10 0.01	69.35 5.14 0.01	69.13 5.42 0.00	61.07 4.90 -2.36	53.66 4.61 -0.02	48.89 4.08 -0.01
CE_NYC_DRP 24195	46.71 3.42 0.00	42.67 2.90 0.00	38.28 2.54 0.00	37.00 2.23 0.00	35.96 2.13 0.00	35.16 2.05 0.00	35.31 2.12 0.00	33.39 2.36 0.00	34.54 2.51 -0.22	36.71 2.62 0.00	40.86 3.20 -0.06	46.43 3.89 -0.70	56.84 4.35 -7.70	58.72 4.76 -5.91	60.37 5.00 -2.74	63.78 5.58 -0.11	77.64 6.73 -0.05	83.14 7.28 0.01	79.18 6.54 0.01	69.80 5.59 0.00	69.45 5.73 0.00	61.23 5.06 -2.36	53.71 4.66 -0.01	48.80 3.99 -0.01
CHAFFEE___LFGE 323603	28.38 -3.72 11.18	27.14 -3.10 9.53	26.16 -2.75 6.83	27.87 -2.89 4.02	30.76 -2.94 0.12	29.73 -2.88 0.50	30.10 -2.59 0.50	25.74 -2.14 3.16	28.85 -2.29 0.67	30.67 -2.21 1.20	30.81 -2.22 4.57	29.26 -2.68 9.90	29.68 -3.31 11.81	31.98 -3.36 12.71	31.69 -4.95 15.99	32.89 -5.34 19.85	36.81 -6.80 27.25	41.34 -7.05 27.47	39.74 -6.75 26.16	41.45 -5.46 17.31	45.69 -5.42 12.61	35.67 -4.63 13.52	34.76 -3.87 10.40	32.36 -3.59 8.86
CHATEAUG_35_KV_LOAD 355732	42.47 -0.82 0.00	39.01 -0.76 0.00	35.06 -0.68 0.00	34.22 -0.56 0.00	33.43 -0.41 0.00	32.74 -0.36 0.00	32.82 -0.37 0.00	30.60 -0.43 0.00	31.49 -0.32 0.00	33.81 -0.27 0.00	37.26 -0.34 0.00	41.30 -0.54 0.00	44.21 -0.58 0.00	47.52 -0.53 0.00	51.95 -0.68 0.00	57.04 -1.05 0.00	69.51 -1.35 0.00	74.50 -1.37 0.00	71.42 -1.24 0.00	62.93 -1.28 0.00	62.38 -1.34 0.00	52.36 -1.45 0.00	47.96 -1.08 0.00	44.18 -0.63 0.00
CHATEAUG_WT_PWR 323614	42.51 -0.78 0.00	39.01 -0.76 0.00	35.06 -0.68 0.00	34.21 -0.56 0.00	33.43 -0.40 0.00	32.74 -0.36 0.00	32.82 -0.36 0.00	30.60 -0.43 0.00	31.52 -0.29 0.00	33.84 -0.24 0.00	37.34 -0.26 0.00	41.38 -0.46 0.00	44.30 -0.49 0.00	47.57 -0.48 0.00	51.89 -0.74 0.00	57.10 -0.99 0.00	69.51 -1.35 0.00	74.42 -1.44 0.00	71.35 -1.31 0.00	62.80 -1.41 0.00	62.25 -1.46 0.00	52.47 -1.34 0.00	47.96 -1.08 0.00	44.13 -0.67 0.00
CHAT_HIGH_FALL_HYD 323578	42.47 -0.82 0.00	39.01 -0.76 0.00	35.06 -0.68 0.00	34.22 -0.56 0.00	33.43 -0.41 0.00	32.74 -0.36 0.00	32.82 -0.37 0.00	30.60 -0.43 0.00	31.49 -0.32 0.00	33.81 -0.27 0.00	37.26 -0.34 0.00	41.30 -0.54 0.00	44.21 -0.58 0.00	47.52 -0.53 0.00	51.95 -0.68 0.00	57.04 -1.05 0.00	69.51 -1.35 0.00	74.50 -1.37 0.00	71.42 -1.24 0.00	62.93 -1.28 0.00	62.38 -1.34 0.00	52.36 -1.45 0.00	47.96 -1.08 0.00	44.18 -0.63 0.00
CHAUTAUQUA___LFGE 323629	27.56 -4.11 11.62	26.43 -3.46 9.88	25.57 -3.07 7.09	27.37 -3.23 4.17	30.46 -3.25 0.13	29.44 -3.15 0.51	29.82 -2.85 0.51	25.37 -2.39 3.27	28.60 -2.51 0.69	30.39 -2.45 1.24	30.37 -2.48 4.75	28.54 -3.01 10.29	28.90 -3.67 12.23	31.07 -3.85 13.14	30.82 -5.31 16.49	32.04 -5.58 20.47	35.69 -7.15 28.01	40.55 -7.05 28.26	39.05 -6.68 26.92	41.20 -5.20 17.81	45.46 -5.29 12.96	35.35 -4.52 13.95	34.48 -3.82 10.73	32.08 -3.54 9.18
CHERRYST_13_KV_LD 356241	46.84 3.55 0.00	42.79 3.02 0.00	38.38 2.64 0.00	37.10 2.33 0.00	36.07 2.23 0.00	35.26 2.15 0.00	35.41 2.22 0.00	33.49 2.45 0.00	34.63 2.61 -0.22	36.81 2.73 0.00	41.01 3.35 -0.06	46.59 4.06 -0.70	57.02 4.52 -7.70	58.91 4.95 -5.91	60.58 5.21 -2.74	64.01 5.81 -0.11	77.99 7.09 -0.05	83.44 7.59 0.01	79.47 6.83 0.01	70.06 5.84 0.00	69.70 5.99 0.00	61.45 5.27 -2.36	53.86 4.81 -0.01	48.98 4.17 -0.01

CHESTROR_138KV_BK263 355645	45.50 2.21 0.00	41.68 1.91 0.00	37.38 1.64 0.00	36.23 1.46 0.00	35.25 1.42 0.00	34.46 1.36 0.00	34.54 1.36 0.00	32.49 1.46 0.00	33.30 1.50 0.00	35.65 1.57 0.00	39.55 1.96 0.00	44.31 2.47 0.00	47.62 2.82 0.00	51.17 3.12 0.00	55.95 3.32 0.00	61.86 3.78 0.00	75.39 4.61 0.07	80.85 5.01 0.03	77.14 4.50 0.02	68.14 3.92 0.00	67.66 3.95 0.00	59.45 3.44 -2.19	52.17 3.14 0.00	47.45 2.64 0.00
CH_MIDHUDSON___DRP 24192	45.88 2.60 0.00	42.08 2.31 0.00	37.70 1.97 0.00	36.55 1.77 0.00	35.52 1.69 0.00	34.73 1.62 0.00	34.81 1.63 0.00	32.74 1.71 0.00	33.56 1.75 0.00	35.89 1.81 0.00	39.86 2.26 0.00	44.69 2.85 0.00	48.02 3.23 0.00	51.65 3.60 0.00	56.52 3.89 0.00	62.44 4.36 0.00	76.18 5.39 0.07	81.68 5.84 0.02	77.87 5.23 0.01	68.78 4.56 0.00	68.30 4.59 0.00	60.33 4.04 -2.48	52.66 3.63 0.00	47.90 3.09 0.00
CH_MISC_IPPS 23765	46.06 2.77 0.00	42.20 2.43 0.00	37.85 2.11 0.00	36.68 1.91 0.00	35.66 1.83 0.00	34.82 1.72 0.00	34.91 1.72 0.00	32.80 1.77 0.00	33.65 1.84 0.00	35.99 1.91 0.00	40.01 2.41 0.00	44.89 3.05 0.00	48.24 3.45 0.00	51.70 3.65 0.00	56.89 4.26 0.00	62.85 4.76 0.00	76.67 5.88 0.07	82.37 6.53 0.03	78.46 5.81 0.01	69.16 4.95 0.00	68.75 5.03 0.00	60.59 4.36 -2.41	52.96 3.92 0.00	48.12 3.32 0.00
CH_RES_BVR_FALLS 23983	42.94 -0.35 0.00	39.41 -0.36 0.00	35.42 -0.32 0.00	34.49 -0.28 0.00	33.60 -0.24 0.00	32.87 -0.23 0.00	32.95 -0.23 0.00	30.82 -0.22 0.00	31.62 -0.19 0.00	33.91 -0.17 0.00	37.38 -0.22 0.00	41.55 -0.29 0.00	44.48 -0.31 0.00	47.72 -0.33 0.00	52.21 -0.42 0.00	57.56 -0.52 0.00	70.22 -0.64 0.00	75.26 -0.61 0.00	72.07 -0.58 0.00	63.64 -0.58 0.00	63.14 -0.57 0.00	53.33 -0.49 0.00	48.59 -0.44 0.00	44.45 -0.36 0.00
CH_RES_NIAGARA 23895	28.86 -5.24 9.19	27.58 -4.41 7.78	26.20 -3.93 5.61	27.44 -4.03 3.30	29.13 -4.60 0.10	28.69 -4.01 0.40	28.83 -3.95 0.40	25.33 -3.13 2.58	27.95 -3.31 0.55	29.73 -3.37 0.98	30.31 -3.53 3.76	29.52 -4.18 8.14	29.88 -4.97 9.94	30.90 -6.29 10.86	31.93 -7.05 13.65	33.31 -7.78 16.99	36.88 -9.78 24.20	40.87 -10.92 24.07	39.11 -10.75 22.80	40.27 -8.86 15.08	44.02 -8.60 11.09	35.71 -6.51 11.59	34.05 -6.08 8.91	32.05 -5.51 7.24
CH_RES_SYRACUSE 23985	42.81 -0.48 0.00	39.37 -0.40 0.00	35.45 -0.29 0.00	34.42 -0.35 0.00	33.46 -0.37 0.00	32.74 -0.36 0.00	32.82 -0.36 0.00	30.79 -0.25 0.00	31.49 -0.32 0.00	33.84 -0.24 0.00	37.26 -0.34 0.00	41.42 -0.42 0.00	44.30 -0.49 0.00	47.62 -0.43 0.00	52.05 -0.58 0.00	57.50 -0.58 0.00	70.15 -0.71 0.00	75.18 -0.68 0.00	71.86 -0.80 0.00	63.45 -0.77 0.00	63.01 -0.70 0.00	53.17 -0.64 0.00	48.35 -0.69 0.00	44.13 -0.67 0.00
CLINTON_WT_PWR 323605	42.51 -0.78 0.00	39.01 -0.76 0.00	35.06 -0.68 0.00	34.21 -0.56 0.00	33.43 -0.40 0.00	32.74 -0.36 0.00	32.82 -0.36 0.00	30.60 -0.43 0.00	31.52 -0.29 0.00	33.84 -0.24 0.00	37.34 -0.26 0.00	41.38 -0.46 0.00	44.30 -0.49 0.00	47.57 -0.48 0.00	51.89 -0.74 0.00	57.10 -0.99 0.00	69.51 -1.35 0.00	74.42 -1.44 0.00	71.35 -1.31 0.00	62.80 -1.41 0.00	62.25 -1.46 0.00	52.47 -1.34 0.00	47.96 -1.08 0.00	44.13 -0.67 0.00
CLINTON___LFGE 323618	42.85 -0.43 0.00	39.37 -0.40 0.00	35.38 -0.36 0.00	34.53 -0.24 0.00	33.77 -0.07 0.00	33.04 -0.07 0.00	33.15 -0.03 0.00	30.91 -0.12 0.00	31.84 0.03 0.00	34.22 0.14 0.00	37.75 0.15 0.00	41.80 -0.04 0.00	44.75 -0.04 0.00	48.05 0.00 0.00	52.26 -0.37 0.00	57.33 -0.76 0.00	69.87 -0.99 0.00	75.03 -0.83 0.00	71.86 -0.80 0.00	63.26 -0.96 0.00	62.69 -1.02 0.00	52.74 -1.08 0.00	48.35 -0.69 0.00	44.63 -0.18 0.00
COBBLENY_34_KV_TB1 80064	28.38 -3.72 11.18	27.14 -3.10 9.53	26.16 -2.75 6.83	27.83 -2.92 4.02	30.77 -2.94 0.12	29.73 -2.88 0.50	30.13 -2.56 0.50	25.74 -2.14 3.16	28.85 -2.29 0.67	30.67 -2.22 1.20	30.81 -2.22 4.57	29.26 -2.68 9.90	29.67 -3.31 11.81	30.92 -4.42 12.71	31.69 -4.95 15.99	32.83 -5.40 19.85	36.81 -6.80 27.25	41.26 -7.13 27.47	39.74 -6.76 26.16	41.38 -5.52 17.31	45.69 -5.42 12.61	36.37 -3.93 13.52	34.76 -3.87 10.40	32.36 -3.58 8.86
COFFEEN___115KV_TB3 355620	44.41 1.13 0.00	40.80 1.03 0.00	36.56 0.82 0.00	35.57 0.80 0.00	34.64 0.81 0.00	33.73 0.63 0.00	33.68 0.50 0.00	31.53 0.50 0.00	32.16 0.35 0.00	34.46 0.37 0.00	38.16 0.56 0.00	42.34 0.50 0.00	44.84 0.04 0.00	48.24 0.19 0.00	53.42 0.79 0.00	58.32 0.23 0.00	71.71 0.85 0.00	77.31 1.44 0.00	73.82 1.16 0.00	65.25 1.03 0.00	64.22 0.51 0.00	53.28 -0.54 0.00	48.45 -0.59 0.00	45.03 0.22 0.00
COLDSPRG_115KV_BK1 355956	29.81 -3.12 10.36	28.41 -2.55 8.81	27.17 -2.25 6.32	28.65 -2.40 3.72	31.28 -2.44 0.11	30.30 -2.35 0.46	30.70 -2.02 0.46	26.47 -1.64 2.92	29.44 -1.75 0.62	31.37 -1.60 1.11	31.86 -1.50 4.24	30.79 -1.88 9.17	31.32 -2.51 10.96	32.77 -3.46 11.82	33.85 -3.89 14.88	35.54 -4.07 18.48	40.20 -5.17 25.48	45.36 -4.86 25.65	43.74 -4.50 24.41	44.72 -3.34 16.15	48.49 -3.44 11.78	38.80 -2.48 12.54	36.80 -2.55 9.69	34.23 -2.37 8.20
COLONIE_LFGE___ 323577	45.06 1.78 0.00	41.44 1.67 0.00	37.20 1.47 0.00	36.20 1.43 0.00	35.19 1.35 0.00	34.36 1.26 0.00	34.41 1.23 0.00	32.19 1.15 0.00	32.73 0.92 0.00	34.97 0.88 0.00	38.62 1.02 0.00	43.05 1.21 0.00	46.23 1.43 0.00	49.54 1.49 0.00	54.47 1.84 0.00	60.35 2.26 0.00	73.76 2.91 0.00	79.13 3.26 0.00	76.00 3.34 0.00	67.36 3.15 0.00	66.71 3.00 0.00	65.65 2.64 -9.20	51.39 2.35 0.00	46.82 2.02 0.00
COOPERNY_115KV_TB1 80082	44.85 1.56 0.00	41.16 1.39 0.00	36.92 1.18 0.00	35.81 1.04 0.00	34.85 1.01 0.00	34.10 0.99 0.00	34.18 1.00 0.00	32.09 1.06 0.00	32.89 1.08 0.00	35.21 1.12 0.00	39.03 1.43 0.00	43.64 1.80 0.00	46.81 2.02 0.00	50.26 2.21 0.00	55.05 2.42 0.00	60.76 2.67 0.00	74.04 3.26 0.08	79.40 3.57 0.03	75.83 3.20 0.02	66.98 2.76 0.00	66.45 2.74 0.00	58.06 2.42 -1.82	51.19 2.16 0.00	46.64 1.84 0.00
COPENHAGEN_WT_PWR 323753	44.02 0.74 0.00	40.49 0.72 0.00	36.28 0.54 0.00	35.29 0.52 0.00	34.34 0.51 0.00	33.47 0.36 0.00	33.45 0.26 0.00	31.35 0.31 0.00	31.97 0.16 0.00	34.29 0.21 0.00	37.94 0.34 0.00	42.09 0.25 0.00	44.62 -0.18 0.00	48.05 0.00 0.00	53.05 0.42 0.00	58.03 -0.06 0.00	71.21 0.36 0.00	76.70 0.84 0.00	73.23 0.58 0.00	64.67 0.45 0.00	63.78 0.06 0.00	53.01 -0.81 0.00	48.25 -0.79 0.00	44.76 -0.04 0.00
CORNELL_____ 23752	48.56 0.35 -4.93	44.30 0.36 -4.17	39.10 0.36 -3.01	36.78 0.24 -1.77	34.09 0.20 -0.05	33.52 0.20 -0.22	33.60 0.20 -0.22	32.67 0.25 -1.38	32.17 0.06 -0.29	34.71 0.10 -0.53	39.69 0.08 -2.01	46.24 0.04 -4.36	49.39 0.00 -4.59	52.55 -0.05 -4.55	58.44 0.00 -5.81	65.32 0.12 -7.12	78.89 0.28 -7.75	85.14 0.76 -8.52	81.76 0.73 -8.38	70.46 0.71 -5.54	68.31 0.83 -3.76	60.02 0.65 -5.56	53.10 0.34 -3.72	49.11 0.27 -4.04

CORONA__69_KV_TB1 355595	47.01 3.72 0.00	43.03 3.26 0.00	38.28 2.54 0.00	37.00 2.23 0.00	36.07 2.23 0.00	35.09 1.99 0.00	35.18 1.99 0.00	33.36 2.33 0.00	34.66 2.86 0.01	36.91 2.83 0.00	44.67 3.57 -3.50	50.45 4.27 -4.35	51.73 4.79 -2.15	53.42 5.24 -0.14	58.27 5.58 -0.06	63.19 5.11 0.01	77.31 6.52 0.07	82.21 6.37 0.03	78.37 5.74 0.02	69.03 4.82 0.01	68.47 4.91 0.15	60.46 4.31 -2.34	53.25 4.22 0.00	48.88 4.08 0.00
CORTLAND__115KV_TB3 80093	45.10 0.09 -1.73	41.31 0.08 -1.46	36.90 0.11 -1.05	35.43 0.03 -0.62	33.85 0.00 -0.02	33.18 0.00 -0.08	33.26 0.00 -0.08	31.58 0.06 -0.48	31.88 -0.03 -0.10	34.27 0.00 -0.18	38.31 0.00 -0.71	43.33 -0.04 -1.53	46.18 -0.09 -1.47	49.26 -0.14 -1.36	54.25 -0.11 -1.72	60.10 -0.06 -2.08	72.86 0.00 -2.00	78.32 0.23 -2.23	75.03 0.15 -2.23	65.84 0.19 -1.43	64.85 0.25 -0.89	55.93 0.22 -1.89	50.12 0.00 -1.08	46.18 -0.04 -1.42
COXSACKIE__GT 23611	45.71 2.42 0.00	42.04 2.27 0.00	37.70 1.96 0.00	36.72 1.95 0.00	35.59 1.76 0.00	34.76 1.65 0.00	34.64 1.46 0.00	32.22 1.18 0.00	32.67 0.86 0.00	34.83 0.75 0.00	38.58 0.98 0.00	43.09 1.25 0.00	46.27 1.48 0.00	49.73 1.68 0.00	55.05 2.42 0.00	61.22 3.13 0.00	75.25 4.39 0.00	81.33 5.47 0.00	77.89 5.23 0.00	68.97 4.75 0.00	68.62 4.91 0.00	62.80 3.71 -5.27	52.47 3.43 0.00	47.76 2.96 0.00
CPV_VALLEY__CC1 323721	45.15 1.86 0.00	41.40 1.63 0.00	37.13 1.39 0.00	36.02 1.25 0.00	35.02 1.18 0.00	34.23 1.13 0.00	34.35 1.16 0.00	32.31 1.27 0.00	33.11 1.30 0.00	35.41 1.33 0.00	39.33 1.73 0.00	43.97 2.13 0.00	47.26 2.46 0.00	50.59 2.54 0.00	55.57 2.95 0.00	61.33 3.25 0.00	74.75 3.97 0.07	80.08 4.25 0.03	76.49 3.85 0.02	67.56 3.34 0.00	67.02 3.31 0.00	58.82 2.96 -2.05	51.73 2.70 0.00	47.04 2.24 0.00
CPV_VALLEY__CC2 323722	45.15 1.86 0.00	41.40 1.63 0.00	37.13 1.39 0.00	36.02 1.25 0.00	35.02 1.18 0.00	34.23 1.13 0.00	34.35 1.16 0.00	32.31 1.27 0.00	33.11 1.30 0.00	35.41 1.33 0.00	39.33 1.73 0.00	43.97 2.13 0.00	47.26 2.46 0.00	50.59 2.54 0.00	55.57 2.95 0.00	61.33 3.25 0.00	74.75 3.97 0.07	80.08 4.25 0.03	76.49 3.85 0.02	67.56 3.34 0.00	67.02 3.31 0.00	58.82 2.96 -2.05	51.73 2.70 0.00	47.04 2.24 0.00
CRESCENT__HYD 24018	45.06 1.78 0.00	41.44 1.67 0.00	37.20 1.47 0.00	36.20 1.43 0.00	35.19 1.35 0.00	34.36 1.26 0.00	34.41 1.23 0.00	32.19 1.15 0.00	32.73 0.92 0.00	34.97 0.88 0.00	38.62 1.02 0.00	43.05 1.21 0.00	46.23 1.43 0.00	49.54 1.49 0.00	54.47 1.84 0.00	60.35 2.26 0.00	73.76 2.91 0.00	79.13 3.26 0.00	76.00 3.34 0.00	67.36 3.15 0.00	66.71 3.00 0.00	65.65 2.64 -9.20	51.39 2.35 0.00	46.82 2.02 0.00
CRICKET__VALLEY_CC1 323756	45.54 2.25 0.00	41.76 1.99 0.00	37.45 1.72 0.00	36.27 1.49 0.00	35.29 1.45 0.00	34.49 1.39 0.00	34.58 1.39 0.00	32.56 1.52 0.00	33.37 1.56 0.00	35.65 1.57 0.00	39.59 1.99 0.00	44.35 2.51 0.00	47.66 2.87 0.00	50.98 2.93 0.00	56.05 3.42 0.00	61.80 3.72 0.00	75.26 4.47 0.06	80.70 4.86 0.02	77.07 4.43 0.01	68.01 3.79 0.00	67.54 3.82 0.00	59.70 3.45 -2.44	52.22 3.19 0.00	47.49 2.69 0.00
CRICKET__VALLEY_CC2 323757	45.54 2.25 0.00	41.76 1.99 0.00	37.45 1.72 0.00	36.27 1.49 0.00	35.29 1.45 0.00	34.49 1.39 0.00	34.58 1.39 0.00	32.56 1.52 0.00	33.37 1.56 0.00	35.65 1.57 0.00	39.59 1.99 0.00	44.35 2.51 0.00	47.66 2.87 0.00	50.98 2.93 0.00	56.05 3.42 0.00	61.80 3.72 0.00	75.26 4.47 0.06	80.70 4.86 0.02	77.07 4.43 0.01	68.01 3.79 0.00	67.54 3.82 0.00	59.70 3.45 -2.44	52.22 3.19 0.00	47.49 2.69 0.00
CRICKET__VALLEY_CC3 323758	45.54 2.25 0.00	41.76 1.99 0.00	37.45 1.72 0.00	36.27 1.49 0.00	35.29 1.45 0.00	34.49 1.39 0.00	34.58 1.39 0.00	32.56 1.52 0.00	33.37 1.56 0.00	35.65 1.57 0.00	39.59 1.99 0.00	44.35 2.51 0.00	47.66 2.87 0.00	50.98 2.93 0.00	56.05 3.42 0.00	61.80 3.72 0.00	75.26 4.47 0.06	80.70 4.86 0.02	77.07 4.43 0.01	68.01 3.79 0.00	67.54 3.82 0.00	59.70 3.45 -2.44	52.22 3.19 0.00	47.49 2.69 0.00
CRUCIBLE__METL_DRP 24180	42.81 -0.48 0.00	39.37 -0.40 0.00	35.42 -0.32 0.00	34.42 -0.35 0.00	33.46 -0.37 0.00	32.74 -0.36 0.00	32.82 -0.37 0.00	30.79 -0.25 0.00	31.49 -0.32 0.00	33.84 -0.24 0.00	37.26 -0.34 0.00	41.42 -0.42 0.00	44.30 -0.49 0.00	47.47 -0.58 0.00	52.05 -0.58 0.00	57.50 -0.58 0.00	70.15 -0.71 0.00	75.11 -0.76 0.00	71.86 -0.80 0.00	63.45 -0.77 0.00	63.01 -0.70 0.00	53.28 -0.54 0.00	48.35 -0.69 0.00	44.13 -0.67 0.00
DAHOWA__HYDRO 323763	45.32 2.03 0.00	41.68 1.91 0.00	37.42 1.68 0.00	36.48 1.70 0.00	35.36 1.52 0.00	34.60 1.49 0.00	34.61 1.43 0.00	32.31 1.27 0.00	32.73 0.92 0.00	34.93 0.85 0.00	38.50 0.90 0.00	42.84 1.00 0.00	45.96 1.16 0.00	49.49 1.44 0.00	54.47 1.84 0.00	60.64 2.55 0.00	74.68 3.82 0.00	80.42 4.55 0.00	77.23 4.58 0.00	68.52 4.30 0.00	68.17 4.46 0.00	67.82 3.71 -10.30	52.18 3.14 0.00	47.45 2.64 0.00
DANC__LFGE 323619	43.37 0.09 0.00	39.89 0.12 0.00	35.81 0.07 0.00	34.81 0.03 0.00	33.87 0.03 0.00	33.04 -0.07 0.00	33.09 -0.10 0.00	31.00 -0.03 0.00	31.65 -0.16 0.00	33.95 -0.14 0.00	37.49 -0.11 0.00	41.63 -0.21 0.00	44.46 -0.54 -0.20	47.97 -0.43 -0.35	52.85 -0.26 -0.48	58.14 -0.58 -0.63	71.36 -0.49 -1.00	76.75 -0.23 -1.12	73.27 -0.43 -1.05	64.61 -0.38 -0.77	63.73 -0.64 -0.65	53.21 -1.08 -0.47	48.39 -0.98 -0.33	44.31 -0.49 0.00
DANSKAMMER__1 23586	46.06 2.77 0.00	42.20 2.43 0.00	37.85 2.11 0.00	36.68 1.91 0.00	35.66 1.83 0.00	34.82 1.72 0.00	34.91 1.72 0.00	32.80 1.77 0.00	33.65 1.84 0.00	35.99 1.91 0.00	40.01 2.41 0.00	44.89 3.05 0.00	48.24 3.45 0.00	51.70 3.65 0.00	56.89 4.26 0.00	62.85 4.76 0.00	76.67 5.88 0.07	82.37 6.53 0.03	78.46 5.81 0.01	69.16 4.95 0.00	68.75 5.03 0.00	60.59 4.36 -2.41	52.96 3.92 0.00	48.12 3.32 0.00
DANSKAMMER__2 23589	46.06 2.77 0.00	42.20 2.43 0.00	37.85 2.11 0.00	36.68 1.91 0.00	35.66 1.83 0.00	34.82 1.72 0.00	34.91 1.72 0.00	32.80 1.77 0.00	33.65 1.84 0.00	35.99 1.91 0.00	40.01 2.41 0.00	44.89 3.05 0.00	48.24 3.45 0.00	51.70 3.65 0.00	56.89 4.26 0.00	62.85 4.76 0.00	76.67 5.88 0.07	82.37 6.53 0.03	78.46 5.81 0.01	69.16 4.95 0.00	68.75 5.03 0.00	60.59 4.36 -2.41	52.96 3.92 0.00	48.12 3.32 0.00
DANSKAMMER__3 23590	46.06 2.77 0.00	42.20 2.43 0.00	37.85 2.11 0.00	36.68 1.91 0.00	35.66 1.83 0.00	34.82 1.72 0.00	34.91 1.72 0.00	32.80 1.77 0.00	33.65 1.84 0.00	35.99 1.91 0.00	40.01 2.41 0.00	44.89 3.05 0.00	48.24 3.45 0.00	51.70 3.65 0.00	56.89 4.26 0.00	62.85 4.76 0.00	76.67 5.88 0.07	82.37 6.53 0.03	78.46 5.81 0.01	69.16 4.95 0.00	68.75 5.03 0.00	60.59 4.36 -2.41	52.96 3.92 0.00	48.12 3.32 0.00

DANSKAMMER___4 23591	46.06 2.77 0.00	42.20 2.43 0.00	37.85 2.11 0.00	36.68 1.91 0.00	35.66 1.83 0.00	34.82 1.72 0.00	34.91 1.72 0.00	32.80 1.77 0.00	33.65 1.84 0.00	35.99 1.91 0.00	40.01 2.41 0.00	44.89 3.05 0.00	48.24 3.45 0.00	51.70 3.65 0.00	56.89 4.26 0.00	62.85 4.76 0.00	76.67 5.88 0.07	82.37 6.53 0.03	78.46 5.81 0.01	69.16 4.95 0.00	68.75 5.03 0.00	60.59 4.36 -2.41	52.96 3.92 0.00	48.12 3.32 0.00
DANSKAMMER___DIESEL 23592	46.06 2.77 0.00	42.20 2.43 0.00	37.85 2.11 0.00	36.68 1.91 0.00	35.66 1.83 0.00	34.83 1.72 0.00	34.91 1.73 0.00	32.81 1.77 0.00	33.65 1.84 0.00	35.99 1.91 0.00	40.01 2.41 0.00	44.89 3.05 0.00	48.24 3.45 0.00	51.89 3.84 0.00	56.84 4.21 0.00	62.85 4.76 0.00	76.67 5.88 0.07	82.36 6.52 0.03	78.45 5.81 0.01	69.16 4.94 0.00	68.75 5.03 0.00	60.59 4.36 -2.41	52.96 3.92 0.00	48.12 3.32 0.00
DARBY___SOLAR 323810	45.24 1.95 0.00	41.64 1.87 0.00	37.35 1.61 0.00	36.37 1.60 0.00	35.29 1.45 0.00	34.53 1.42 0.00	34.55 1.36 0.00	32.25 1.21 0.00	32.70 0.89 0.00	34.90 0.82 0.00	38.50 0.90 0.00	42.80 0.96 0.00	45.92 1.12 0.00	49.44 1.39 0.00	54.42 1.79 0.00	60.52 2.44 0.00	74.47 3.61 0.00	80.11 4.25 0.00	76.87 4.21 0.00	68.27 4.05 0.00	67.85 4.14 0.00	67.43 3.45 -10.17	51.98 2.94 0.00	47.27 2.46 0.00
DASHVILLE___HYD 23610	45.76 2.47 0.00	41.96 2.19 0.00	37.60 1.86 0.00	36.44 1.67 0.00	35.42 1.59 0.00	34.59 1.49 0.00	34.64 1.46 0.00	32.53 1.49 0.00	33.30 1.50 0.00	35.62 1.53 0.00	39.55 1.96 0.00	44.35 2.51 0.00	47.71 2.91 0.00	51.27 3.22 0.00	56.16 3.53 0.00	62.09 4.01 0.00	75.83 5.03 0.06	81.38 5.54 0.02	77.58 4.94 0.01	68.46 4.24 0.00	67.98 4.27 0.00	60.21 3.39 -3.01	52.47 3.43 0.00	47.72 2.91 0.00
DELAWARE___LFGE 323621	44.41 1.13 0.00	40.80 1.03 0.00	36.63 0.89 0.00	35.64 0.87 0.00	34.68 0.85 0.00	33.93 0.83 0.00	33.98 0.80 0.00	31.81 0.78 0.00	32.48 0.67 0.00	34.80 0.72 0.00	38.54 0.94 0.00	42.97 1.13 0.00	46.00 1.21 0.00	49.39 1.35 0.00	54.23 1.58 -0.02	59.80 1.68 -0.03	72.77 2.13 0.21	78.16 2.35 0.05	74.67 2.03 0.02	66.10 1.86 -0.02	65.58 1.85 -0.01	57.41 1.45 -2.15	50.32 1.27 -0.01	45.94 1.12 -0.01
DERFIELD_115KV_TB7 355931	43.50 0.22 0.00	39.97 0.20 0.00	35.92 0.18 0.00	34.95 0.17 0.00	33.97 0.14 0.00	33.24 0.13 0.00	33.32 0.13 0.00	31.19 0.16 0.00	31.90 0.10 0.00	34.18 0.10 0.00	37.71 0.11 0.00	41.97 0.13 0.00	44.93 0.13 0.00	48.19 0.14 0.00	52.84 0.21 0.00	58.32 0.23 0.00	71.21 0.35 0.00	76.24 0.38 0.00	72.95 0.29 0.00	64.54 0.32 0.00	63.97 0.25 0.00	54.03 0.22 0.00	49.23 0.20 0.00	44.98 0.18 0.00
DOGLEVILLE___HYD 23807	44.72 1.43 0.00	41.08 1.31 0.00	36.88 1.14 0.00	35.85 1.08 0.00	34.85 1.01 0.00	34.10 0.99 0.00	34.18 1.00 0.00	31.97 0.93 0.00	32.70 0.89 0.00	35.07 0.99 0.00	38.69 1.09 0.00	43.01 1.17 0.00	45.91 1.12 0.00	49.15 1.11 0.00	53.95 1.32 0.00	59.42 1.34 0.00	72.28 1.42 0.00	77.46 1.59 0.00	74.25 1.60 0.00	65.63 1.41 0.00	64.92 1.21 0.00	54.68 0.86 0.00	49.87 0.83 0.00	45.57 0.76 0.00
DUNKIRK___115KV_TB_200 55889	27.55 -4.07 11.67	26.43 -3.42 9.92	25.58 -3.04 7.12	27.42 -3.16 4.19	30.52 -3.18 0.13	29.51 -3.08 0.52	29.88 -2.79 0.52	25.39 -2.36 3.29	28.63 -2.48 0.70	30.42 -2.42 1.25	30.38 -2.44 4.77	28.54 -2.97 10.33	28.89 -3.63 12.27	30.16 -4.71 13.19	30.81 -5.26 16.55	31.91 -5.63 20.54	35.66 -7.09 28.11	40.38 -7.13 28.36	38.95 -6.68 27.02	41.08 -5.27 17.88	45.42 -5.29 13.01	35.89 -3.93 14.00	34.44 -3.82 10.77	32.05 -3.54 9.22
DUNKIRK___1 23563	27.55 -4.07 11.67	26.43 -3.42 9.92	25.58 -3.04 7.12	27.42 -3.16 4.19	30.52 -3.18 0.13	29.51 -3.08 0.52	29.88 -2.79 0.52	25.39 -2.36 3.29	28.63 -2.48 0.70	30.42 -2.42 1.25	30.38 -2.44 4.77	28.54 -2.97 10.33	28.89 -3.63 12.27	30.16 -4.71 13.19	30.81 -5.26 16.55	31.91 -5.63 20.54	35.66 -7.09 28.11	40.38 -7.13 28.36	38.95 -6.68 27.02	41.08 -5.27 17.88	45.42 -5.29 13.01	35.89 -3.93 14.00	34.44 -3.82 10.77	32.05 -3.54 9.22
DUNKIRK___2 23564	27.55 -4.07 11.67	26.43 -3.42 9.92	25.58 -3.04 7.12	27.42 -3.16 4.19	30.52 -3.18 0.13	29.51 -3.08 0.52	29.88 -2.79 0.52	25.39 -2.36 3.29	28.63 -2.48 0.70	30.42 -2.42 1.25	30.38 -2.44 4.77	28.54 -2.97 10.33	28.89 -3.63 12.27	30.16 -4.71 13.19	30.81 -5.26 16.55	31.91 -5.63 20.54	35.66 -7.09 28.11	40.38 -7.13 28.36	38.95 -6.68 27.02	41.08 -5.27 17.88	45.42 -5.29 13.01	35.89 -3.93 14.00	34.44 -3.82 10.77	32.05 -3.54 9.22
DUNKIRK___3 23565	27.44 -3.94 11.90	26.36 -3.30 10.11	25.54 -2.93 7.26	27.44 -3.06 4.28	30.59 -3.11 0.13	29.57 -3.01 0.53	29.90 -2.75 0.53	25.39 -2.30 3.35	28.68 -2.42 0.71	30.42 -2.39 1.27	30.33 -2.41 4.87	28.41 -2.89 10.54	28.70 -3.58 12.51	29.96 -4.66 13.43	30.58 -5.21 16.84	31.56 -5.63 20.89	35.22 -7.09 28.55	39.85 -7.21 28.81	38.37 -6.83 27.45	40.59 -5.46 18.17	45.09 -5.42 13.21	35.53 -4.04 14.25	34.16 -3.92 10.95	31.78 -3.63 9.40
DUNKIRK___4 23566	27.44 -3.94 11.90	26.36 -3.30 10.11	25.54 -2.93 7.26	27.44 -3.06 4.28	30.59 -3.11 0.13	29.57 -3.01 0.53	29.90 -2.75 0.53	25.39 -2.30 3.35	28.68 -2.42 0.71	30.42 -2.39 1.27	30.33 -2.41 4.87	28.41 -2.89 10.54	28.70 -3.58 12.51	29.96 -4.66 13.43	30.58 -5.21 16.84	31.56 -5.63 20.89	35.22 -7.09 28.55	39.85 -7.21 28.81	38.37 -6.83 27.45	40.59 -5.46 18.17	45.09 -5.42 13.21	35.53 -4.04 14.25	34.16 -3.92 10.95	31.78 -3.63 9.40
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	46.36 3.07 0.00	42.43 2.66 0.00	37.99 2.25 0.00	36.79 2.02 0.00	35.80 1.96 0.00	34.99 1.89 0.00	35.11 1.92 0.00	33.12 2.08 0.00	34.04 2.23 0.00	36.40 2.32 0.00	40.46 2.86 0.00	45.35 3.51 0.00	48.78 3.99 0.00	52.42 4.37 0.00	57.21 4.58 0.00	63.20 5.11 0.00	76.96 6.16 0.07	82.52 6.68 0.03	78.67 6.03 0.01	69.42 5.20 0.00	68.94 5.22 0.00	60.84 4.68 -2.34	53.35 4.32 0.00	48.48 3.67 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	45.76 2.47 0.00	41.96 2.19 0.00	37.60 1.86 0.00	36.44 1.67 0.00	35.42 1.59 0.00	34.63 1.52 0.00	34.71 1.53 0.00	32.65 1.61 0.00	33.46 1.65 0.00	35.82 1.74 0.00	39.78 2.18 0.00	44.60 2.76 0.00	47.93 3.14 0.00	51.51 3.46 0.00	56.37 3.74 0.00	62.32 4.24 0.00	76.03 5.24 0.07	81.60 5.77 0.03	77.80 5.16 0.01	68.65 4.43 0.00	68.17 4.46 0.00	60.03 3.87 -2.34	52.57 3.53 0.00	47.76 2.96 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	46.88 3.59 0.00	42.75 2.98 0.00	38.31 2.57 0.00	37.00 2.23 0.00	35.96 2.13 0.00	35.22 2.12 0.00	35.27 2.09 0.00	33.30 2.27 0.00	34.14 2.32 -0.01	36.54 2.45 0.00	40.68 3.01 -0.07	46.24 3.64 -0.76	57.23 4.08 -8.36	59.06 4.42 -6.59	57.23 4.53 -0.08	63.15 5.05 -0.01	77.01 6.09 -0.06	82.38 6.52 0.01	78.38 5.74 0.01	69.03 4.82 0.01	68.81 5.10 0.00	60.80 4.63 -2.36	53.46 4.41 -0.02	48.80 3.99 -0.01

E179THST_13_KV_LOAD 356214	47.14 3.85 0.00	42.99 3.22 0.00	38.49 2.75 0.00	37.17 2.40 0.00	36.13 2.30 0.00	35.39 2.28 0.00	35.44 2.26 0.00	33.46 2.42 0.00	34.30 2.48 -0.01	36.74 2.66 0.00	40.90 3.23 -0.07	46.49 3.89 -0.76	57.54 4.39 -8.36	59.35 4.71 -6.59	57.60 4.89 -0.08	63.55 5.46 -0.01	77.51 6.59 -0.06	82.91 7.06 0.01	78.89 6.25 0.01	69.48 5.27 0.01	69.26 5.54 0.00	61.18 5.00 -2.36	53.76 4.71 -0.02	49.07 4.26 -0.01
EAST HAMPTON___GT 23717	48.26 4.98 0.00	44.66 4.89 0.00	39.67 3.93 0.00	38.53 3.76 0.00	37.86 4.02 0.00	36.68 3.58 0.00	36.93 3.75 0.00	35.29 4.25 0.00	36.74 4.93 0.00	39.33 5.25 0.00	47.04 5.94 -3.50	52.76 6.57 -4.35	53.79 6.85 -2.15	57.05 6.73 -2.27	61.73 7.00 -2.10	65.47 5.63 -1.75	77.79 7.02 0.08	82.72 6.90 0.04	80.89 6.40 -1.84	69.29 5.07 0.00	65.78 4.02 1.95	60.68 4.52 -2.34	53.50 4.46 0.00	49.11 4.30 0.00
EAST RIVER___6 23660	46.79 3.50 0.00	42.75 2.98 0.00	38.31 2.57 0.00	37.07 2.29 0.00	36.00 2.17 0.00	35.19 2.09 0.00	35.34 2.16 0.00	33.43 2.39 0.00	34.60 2.58 -0.22	36.77 2.69 0.00	40.93 3.27 -0.06	46.51 3.98 -0.70	56.93 4.44 -7.70	58.62 4.66 -5.91	60.58 5.21 -2.74	63.95 5.75 -0.11	77.92 7.02 -0.05	83.44 7.59 0.01	79.32 6.68 0.01	70.00 5.78 0.00	69.57 5.86 0.00	61.39 5.22 -2.36	53.76 4.71 -0.01	48.85 4.03 -0.01
EAST RIVER___7 23524	46.79 3.50 0.00	42.75 2.98 0.00	38.31 2.57 0.00	37.07 2.29 0.00	36.00 2.17 0.00	35.19 2.09 0.00	35.34 2.16 0.00	33.43 2.39 0.00	34.60 2.58 -0.22	36.77 2.69 0.00	40.93 3.27 -0.06	46.51 3.98 -0.70	56.93 4.44 -7.70	58.62 4.66 -5.91	60.58 5.21 -2.74	63.95 5.75 -0.11	77.92 7.02 -0.05	83.44 7.59 0.01	79.32 6.68 0.01	70.00 5.78 0.00	69.57 5.86 0.00	61.39 5.22 -2.36	53.76 4.71 -0.01	48.85 4.03 -0.01
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	46.23 2.94 0.00	42.32 2.55 0.00	37.92 2.18 0.00	36.72 1.95 0.00	35.69 1.86 0.00	34.89 1.79 0.00	35.01 1.83 0.00	33.02 1.99 0.00	33.91 2.10 0.00	36.26 2.18 0.00	40.31 2.71 0.00	45.20 3.35 -0.01	48.76 3.81 -0.16	52.31 4.13 -0.12	57.06 4.37 -0.06	62.97 4.88 0.00	76.75 5.95 0.06	82.21 6.37 0.03	78.45 5.81 0.01	69.23 5.01 0.00	68.75 5.03 0.00	60.62 4.47 -2.34	53.15 4.12 0.00	48.30 3.49 0.00
EAST_HAMPTON___DIESEL 23722	48.22 4.93 0.00	44.62 4.85 0.00	39.67 3.93 0.00	38.49 3.72 0.00	37.86 4.02 0.00	36.68 3.58 0.00	36.93 3.75 0.00	35.29 4.25 0.00	36.77 4.96 0.00	39.33 5.25 0.00	47.00 5.90 -3.50	52.71 6.52 -4.35	53.75 6.81 -2.15	57.00 6.68 -2.27	61.68 6.95 -2.10	65.41 5.58 -1.75	77.65 6.87 0.08	82.57 6.75 0.04	80.74 6.25 -1.84	69.17 4.95 0.00	65.65 3.89 1.95	60.62 4.46 -2.34	53.40 4.36 0.00	49.06 4.26 0.00
EAST_POINT___SOLAR 323840	45.41 2.12 0.00	41.68 1.91 0.00	37.38 1.64 0.00	36.48 1.70 0.00	35.36 1.52 0.00	34.60 1.49 0.00	34.15 0.96 0.00	31.66 0.62 0.00	32.13 0.32 0.00	34.32 0.24 0.00	37.90 0.30 0.00	42.30 0.46 0.00	45.42 0.63 0.00	49.16 1.11 0.00	54.21 1.58 0.00	60.29 2.21 0.00	74.05 3.26 0.07	80.24 4.40 0.03	77.29 4.65 0.01	69.04 4.82 0.00	68.87 5.16 0.00	68.10 4.09 -10.20	52.37 3.34 0.00	47.54 2.73 0.00
EAST_PULASKI___ESR 323781	42.81 -0.48 0.00	39.37 -0.40 0.00	35.38 -0.36 0.00	34.42 -0.35 0.00	33.46 -0.37 0.00	32.71 -0.40 0.00	32.75 -0.43 0.00	30.73 -0.31 0.00	31.39 -0.41 0.00	33.71 -0.37 0.00	37.11 -0.49 0.00	41.21 -0.63 0.00	44.48 -0.85 -0.53	48.16 -0.82 -0.92	53.04 -0.84 -1.25	58.75 -0.99 -1.66	72.33 -1.14 -2.61	77.65 -1.14 -2.92	74.23 -1.17 -2.74	65.15 -1.09 -2.02	64.27 -1.14 -1.70	53.86 -1.18 -1.23	48.83 -1.08 -0.87	43.95 -0.85 0.00
EAST_RIVER___1 323558	46.71 3.42 0.00	42.67 2.90 0.00	38.28 2.54 0.00	37.00 2.23 0.00	35.97 2.13 0.00	35.16 2.05 0.00	35.31 2.13 0.00	33.39 2.36 0.00	34.54 2.51 -0.22	36.71 2.62 0.00	40.86 3.19 -0.06	46.43 3.89 -0.70	56.84 4.34 -7.70	58.47 4.52 -5.91	60.48 5.10 -2.74	63.78 5.58 -0.11	77.64 6.74 -0.05	83.14 7.28 0.01	79.18 6.54 0.01	69.80 5.58 0.00	69.45 5.74 0.00	61.29 5.12 -2.36	53.71 4.66 -0.01	48.80 3.99 -0.01
EAST_RIVER___2 323559	46.79 3.50 0.00	42.75 2.98 0.00	38.31 2.57 0.00	37.07 2.29 0.00	36.00 2.17 0.00	35.19 2.09 0.00	35.34 2.16 0.00	33.43 2.39 0.00	34.60 2.58 -0.22	36.77 2.69 0.00	40.93 3.27 -0.06	46.51 3.98 -0.70	56.93 4.44 -7.70	58.62 4.66 -5.91	60.58 5.21 -2.74	63.95 5.75 -0.11	77.92 7.02 -0.05	83.44 7.59 0.01	79.32 6.68 0.01	70.00 5.78 0.00	69.57 5.86 0.00	61.39 5.22 -2.36	53.76 4.71 -0.01	48.85 4.03 -0.01
EAST___DELAWARE_HYD 23607	45.49 2.21 0.00	41.68 1.91 0.00	37.38 1.64 0.00	36.23 1.46 0.00	35.22 1.39 0.00	34.39 1.29 0.00	34.48 1.29 0.00	32.37 1.33 0.00	33.18 1.37 0.00	35.48 1.40 0.00	39.44 1.84 0.00	44.22 2.38 0.00	47.48 2.69 0.00	50.93 2.88 0.00	56.05 3.42 0.00	61.92 3.83 0.00	75.67 4.89 0.07	81.30 5.47 0.03	77.51 4.87 0.02	68.33 4.11 0.00	67.85 4.14 0.00	59.64 3.50 -2.33	52.13 3.09 0.00	47.40 2.60 0.00
EIGHT_POINT___WT_PWR 323820	84.91 -2.30 -43.92	74.66 -2.27 -37.15	60.36 -2.18 -26.80	48.11 -2.43 -15.77	31.88 -2.44 -0.48	32.89 -2.15 -1.93	33.43 -1.69 -1.93	41.95 -1.40 -12.31	32.76 -1.66 -2.61	37.06 -1.70 -4.68	53.68 -1.88 -17.96	78.47 -2.26 -38.88	84.53 -2.60 -42.33	88.23 -2.74 -42.92	103.47 -4.05 -54.89	121.43 -4.07 -67.41	143.99 -4.82 -77.96	155.45 -4.55 -84.14	150.51 -4.22 -82.07	115.22 -3.27 -54.28	98.31 -3.12 -37.72	98.46 -2.74 -47.38	82.24 -2.06 -35.26	78.89 -1.75 -35.84
ELBRIDGE_115KV_TB2 80188	42.55 -0.74 0.00	39.13 -0.64 0.00	35.20 -0.54 0.00	34.22 -0.56 0.00	33.26 -0.58 0.00	32.54 -0.56 0.00	32.62 -0.56 0.00	30.60 -0.43 0.00	31.30 -0.51 0.00	33.60 -0.48 0.00	37.04 -0.56 0.00	41.13 -0.71 0.00	43.94 -0.85 0.00	47.09 -0.96 0.00	51.58 -1.05 0.00	57.04 -1.05 0.00	69.58 -1.28 0.00	74.58 -1.29 0.00	71.35 -1.31 0.00	63.06 -1.16 0.00	62.63 -1.08 0.00	52.95 -0.86 0.00	48.10 -0.93 0.00	43.86 -0.94 0.00
ELEC_TRO_TEK 24086	46.79 3.51 0.00	42.87 3.10 0.00	38.13 2.39 0.00	36.86 2.09 0.00	35.93 2.10 0.00	34.93 1.82 0.00	35.04 1.86 0.00	33.24 2.20 0.00	34.57 2.77 0.01	36.81 2.73 0.00	44.48 3.38 -3.50	50.25 4.06 -4.35	51.47 4.52 -2.15	53.18 5.00 -0.14	57.95 5.26 -0.06	62.73 4.65 0.01	76.81 6.02 0.07	81.52 5.69 0.03	77.72 5.09 0.02	68.51 4.30 0.01	67.71 4.40 0.40	60.03 3.87 -2.34	52.91 3.87 0.00	48.66 3.85 0.00
ELLENBURG_WT_PWR 323604	42.51 -0.78 0.00	39.01 -0.76 0.00	35.06 -0.68 0.00	34.21 -0.56 0.00	33.43 -0.40 0.00	32.74 -0.36 0.00	32.82 -0.36 0.00	30.60 -0.43 0.00	31.52 -0.29 0.00	33.84 -0.24 0.00	37.34 -0.26 0.00	41.38 -0.46 0.00	44.30 -0.49 0.00	47.57 -0.48 0.00	51.89 -0.74 0.00	57.10 -0.99 0.00	69.51 -1.35 0.00	74.42 -1.44 0.00	71.35 -1.31 0.00	62.80 -1.41 0.00	62.25 -1.46 0.00	52.47 -1.34 0.00	47.96 -1.08 0.00	44.13 -0.67 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	26.94 -4.33 12.02	25.92 -3.66 10.19	25.15 -3.25 7.34	27.08 -3.37 4.32	30.25 -3.45 0.13	29.26 -3.31 0.53	29.63 -3.02 0.53	25.11 -2.54 3.38	28.39 -2.70 0.72	30.11 -2.69 1.28	29.94 -2.74 4.92	27.89 -3.31 10.64	28.15 -3.99 12.66	29.26 -5.19 13.60	29.98 -5.79 16.86	30.83 -6.33 20.92	33.94 -8.01 28.91	38.48 -8.42 28.97	37.02 -8.06 27.57	39.37 -6.61 18.24	43.93 -6.50 13.28	34.67 -4.84 14.30	33.41 -4.66 10.97	31.20 -4.26 9.35
EMPIRE_CC_1 323656	44.93 1.64 0.00	41.36 1.59 0.00	37.13 1.39 0.00	36.09 1.32 0.00	35.12 1.29 0.00	34.29 1.19 0.00	34.35 1.16 0.00	32.15 1.12 0.00	32.73 0.92 0.00	34.93 0.85 0.00	38.62 1.02 0.00	43.09 1.25 0.00	46.23 1.43 0.00	49.44 1.39 0.00	54.42 1.79 0.00	60.12 2.03 0.00	73.41 2.55 0.00	78.59 2.73 0.00	75.49 2.83 0.00	66.91 2.70 0.00	66.20 2.48 0.00	60.60 2.26 -4.52	51.09 2.06 0.00	46.64 1.84 0.00
EMPIRE_CC_2 323658	44.93 1.64 0.00	41.36 1.59 0.00	37.13 1.39 0.00	36.09 1.32 0.00	35.12 1.29 0.00	34.29 1.19 0.00	34.35 1.16 0.00	32.15 1.12 0.00	32.73 0.92 0.00	34.93 0.85 0.00	38.62 1.02 0.00	43.09 1.25 0.00	46.23 1.43 0.00	49.44 1.39 0.00	54.42 1.79 0.00	60.12 2.03 0.00	73.41 2.55 0.00	78.59 2.73 0.00	75.49 2.83 0.00	66.91 2.70 0.00	66.20 2.48 0.00	60.60 2.26 -4.52	51.09 2.06 0.00	46.64 1.84 0.00
ENORWICH_115KV_TB1 80156	47.33 1.56 -2.49	43.35 1.47 -2.11	38.54 1.29 -1.52	36.88 1.22 -0.89	35.01 1.15 -0.03	34.27 1.06 -0.11	34.16 0.86 -0.11	32.51 0.78 -0.70	32.37 0.41 -0.15	34.79 0.44 -0.27	39.26 0.64 -1.02	44.71 0.67 -2.20	47.43 0.40 -2.23	50.58 0.38 -2.15	56.33 0.95 -2.75	62.42 0.99 -3.34	75.83 1.63 -3.34	82.09 2.43 -3.79	78.54 2.11 -3.78	68.56 1.86 -2.48	67.00 1.66 -1.63	58.10 0.86 -3.43	51.27 0.49 -1.75	47.48 0.63 -2.05
ERIE_ST__34_KV_TB1-2 80199	29.25 -3.12 10.92	27.92 -2.51 9.34	26.86 -2.22 6.66	28.45 -2.40 3.92	31.28 -2.44 0.12	30.23 -2.38 0.49	30.64 -2.06 0.49	26.27 -1.68 3.09	29.34 -1.81 0.66	31.21 -1.70 1.17	31.48 -1.65 4.47	30.16 -2.01 9.67	30.63 -2.60 11.56	31.88 -3.70 12.47	32.73 -4.16 15.74	34.07 -4.47 19.55	38.19 -5.74 26.93	42.82 -5.92 27.13	41.17 -5.67 25.82	42.64 -4.50 17.08	46.86 -4.40 12.46	37.37 -3.12 13.32	35.65 -3.14 10.25	33.21 -2.91 8.68
ERIE_WT_PWR 323693	27.46 -3.98 11.85	26.33 -3.34 10.10	25.54 -2.97 7.23	27.42 -3.09 4.26	30.56 -3.15 0.13	29.53 -3.05 0.53	29.90 -2.75 0.53	25.39 -2.30 3.34	28.65 -2.45 0.71	30.40 -2.42 1.27	30.27 -2.48 4.85	28.38 -2.97 10.49	28.69 -3.63 12.47	30.90 -3.75 13.41	30.46 -5.31 16.86	31.41 -5.75 20.92	34.87 -7.37 28.62	39.39 -7.59 28.89	37.80 -7.34 27.52	40.04 -5.97 18.21	44.60 -5.86 13.25	34.53 -5.00 14.28	33.90 -4.17 10.97	31.57 -3.85 9.38
ESPRGFLD_115KV_TB1 80157	44.50 1.21 0.00	40.84 1.07 0.00	36.67 0.93 0.00	35.71 0.94 0.00	34.71 0.88 0.00	34.00 0.89 0.00	33.91 0.73 0.00	31.63 0.59 0.00	32.16 0.35 0.00	34.46 0.37 0.00	38.13 0.53 0.00	42.51 0.67 0.00	45.51 0.72 0.00	49.01 0.96 0.00	53.95 1.32 0.00	59.65 1.57 0.00	72.94 2.20 0.12	78.63 2.81 0.05	75.25 2.62 0.03	66.85 2.63 0.00	66.39 2.68 0.00	63.31 1.99 -7.50	50.65 1.62 0.00	46.15 1.34 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	47.71 0.30 -4.12	43.54 0.28 -3.49	38.54 0.29 -2.51	36.46 0.21 -1.48	34.01 0.14 -0.05	33.42 0.13 -0.18	33.53 0.17 -0.18	32.41 0.22 -1.16	32.09 0.03 -0.24	34.59 0.07 -0.44	39.32 0.04 -1.69	45.49 0.00 -3.65	48.57 -0.04 -3.82	51.72 -0.10 -3.77	57.39 -0.05 -4.81	64.04 0.06 -5.89	77.43 0.21 -6.36	83.48 0.61 -7.00	80.13 0.58 -6.90	69.35 0.58 -4.55	67.43 0.64 -3.08	59.06 0.54 -4.71	52.36 0.25 -3.08	48.36 0.18 -3.38
ETNA____115KV_TB2 80207	47.71 0.30 -4.12	43.54 0.28 -3.49	38.54 0.29 -2.51	36.46 0.21 -1.48	34.01 0.14 -0.05	33.42 0.13 -0.18	33.53 0.17 -0.18	32.41 0.22 -1.16	32.09 0.03 -0.24	34.59 0.07 -0.44	39.32 0.04 -1.69	45.49 0.00 -3.65	48.57 -0.04 -3.82	51.72 -0.10 -3.77	57.39 -0.05 -4.81	64.04 0.06 -5.89	77.43 0.21 -6.36	83.48 0.61 -7.00	80.13 0.58 -6.90	69.35 0.58 -4.55	67.43 0.64 -3.08	59.06 0.54 -4.71	52.36 0.25 -3.08	48.36 0.18 -3.38
EUCLID____115KV_TB2 356179	42.34 -0.95 0.00	38.94 -0.84 0.00	35.02 -0.71 0.00	34.08 -0.70 0.00	33.12 -0.71 0.00	32.41 -0.70 0.00	32.49 -0.70 0.00	30.48 -0.56 0.00	31.17 -0.64 0.00	33.47 -0.61 0.00	36.85 -0.75 0.00	40.96 -0.88 0.00	43.24 -1.03 0.53	45.98 -1.15 0.92	50.13 -1.26 1.24	55.11 -1.34 1.64	66.65 -1.63 2.58	71.31 -1.67 2.89	68.27 -1.67 2.71	60.68 -1.54 2.00	60.56 -1.47 1.68	51.41 -1.18 1.22	46.94 -1.23 0.87	43.64 -1.16 0.00
E_CANADA_CAP_HY 24051	44.80 1.51 0.00	41.12 1.35 0.00	36.92 1.18 0.00	35.99 1.22 0.00	34.92 1.08 0.00	34.20 1.09 0.00	33.98 0.80 0.00	31.56 0.53 0.00	32.00 0.19 0.00	34.22 0.14 0.00	37.79 0.19 0.00	42.14 0.29 0.00	45.24 0.45 0.00	48.82 0.77 0.00	53.79 1.16 0.00	59.77 1.69 0.00	73.32 2.55 0.08	79.25 3.42 0.03	76.12 3.49 0.02	67.81 3.59 0.00	67.54 3.82 0.00	66.32 3.01 -9.49	51.49 2.45 0.00	46.77 1.97 0.00
E_CANADA_MHWK_HY 24050	44.71 1.43 0.00	41.08 1.31 0.00	36.88 1.14 0.00	35.85 1.08 0.00	34.85 1.01 0.00	34.10 0.99 0.00	34.18 0.99 0.00	31.97 0.93 0.00	32.70 0.89 0.00	35.07 0.99 0.00	38.69 1.09 0.00	43.01 1.17 0.00	45.92 1.12 0.00	49.16 1.11 0.00	53.95 1.32 0.00	59.42 1.34 0.00	72.27 1.42 0.00	77.46 1.60 0.00	74.25 1.60 0.00	65.63 1.41 0.00	64.92 1.21 0.00	54.67 0.86 0.00	49.87 0.83 0.00	45.57 0.76 0.00
E_FISHKILL__LBMP 23776	45.80 2.51 0.00	41.96 2.19 0.00	37.63 1.89 0.00	36.44 1.67 0.00	35.46 1.62 0.00	34.66 1.56 0.00	34.78 1.59 0.00	32.74 1.71 0.00	33.59 1.78 0.00	35.92 1.84 0.00	39.86 2.26 0.00	44.64 2.80 0.00	47.98 3.18 0.00	51.56 3.51 0.00	56.31 3.68 0.00	62.27 4.18 0.00	75.82 5.03 0.07	81.30 5.46 0.02	77.51 4.87 0.01	68.46 4.24 0.00	67.98 4.27 0.00	60.02 3.82 -2.39	52.52 3.48 0.00	47.81 3.00 0.00
FALCON__SEABRD_CC1 323796	42.85 -0.43 0.00	39.37 -0.40 0.00	35.38 -0.36 0.00	34.53 -0.24 0.00	33.77 -0.07 0.00	33.04 -0.07 0.00	33.15 -0.03 0.00	30.91 -0.12 0.00	31.84 0.03 0.00	34.18 0.10 0.00	37.71 0.11 0.00	41.80 -0.04 0.00	44.75 -0.04 0.00	48.05 0.00 0.00	52.10 -0.53 0.00	57.04 -1.04 0.00	69.44 -1.42 0.00	74.50 -1.36 0.00	71.35 -1.31 0.00	62.74 -1.47 0.00	62.25 -1.46 0.00	52.58 -1.24 0.00	48.35 -0.69 0.00	44.58 -0.22 0.00
FALCON__SEABRD_CC2 323797	42.85 -0.43 0.00	39.37 -0.40 0.00	35.38 -0.36 0.00	34.53 -0.24 0.00	33.77 -0.07 0.00	33.04 -0.07 0.00	33.15 -0.03 0.00	30.91 -0.12 0.00	31.84 0.03 0.00	34.18 0.10 0.00	37.71 0.11 0.00	41.80 -0.04 0.00	44.75 -0.04 0.00	48.05 0.00 0.00	52.10 -0.53 0.00	57.04 -1.04 0.00	69.44 -1.42 0.00	74.50 -1.36 0.00	71.35 -1.31 0.00	62.74 -1.47 0.00	62.25 -1.46 0.00	52.58 -1.24 0.00	48.35 -0.69 0.00	44.58 -0.22 0.00

FAR ROCKAWAY___4 23548	47.44 4.16 0.00	43.43 3.66 0.00	38.56 2.82 0.00	37.28 2.50 0.00	36.37 2.54 0.00	35.32 2.22 0.00	35.44 2.26 0.00	33.64 2.61 0.00	34.98 3.18 0.01	37.25 3.17 0.00	45.16 4.06 -3.50	51.00 4.81 -4.35	52.32 5.38 -2.15	54.10 5.91 -0.14	59.00 6.32 -0.06	63.89 5.81 0.01	78.23 7.44 0.07	83.04 7.21 0.03	79.17 6.54 0.02	69.73 5.52 0.01	69.09 5.54 0.16	61.00 4.84 -2.34	53.69 4.66 0.00	49.33 4.53 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	46.71 3.42 0.00	42.71 2.94 0.00	38.28 2.54 0.00	37.00 2.23 0.00	36.00 2.17 0.00	35.19 2.09 0.00	35.34 2.16 0.00	33.39 2.36 0.00	34.54 2.51 -0.22	36.71 2.62 0.00	40.86 3.20 -0.06	46.44 3.89 -0.71	57.05 4.39 -7.86	58.84 4.76 -6.03	60.48 5.05 -2.80	63.84 5.63 -0.12	77.71 6.80 -0.05	83.14 7.28 0.01	79.18 6.54 0.01	69.80 5.59 0.00	69.45 5.73 0.00	61.29 5.11 -2.36	53.71 4.66 -0.01	48.84 4.03 -0.01
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	46.71 3.42 0.00	42.71 2.94 0.00	38.28 2.54 0.00	37.03 2.26 0.00	36.00 2.17 0.00	35.19 2.09 0.00	35.34 2.16 0.00	33.39 2.36 0.00	34.54 2.51 -0.22	36.71 2.62 0.00	40.86 3.20 -0.06	46.44 3.89 -0.71	57.05 4.39 -7.86	58.84 4.76 -6.03	60.48 5.05 -2.80	63.84 5.63 -0.12	77.71 6.80 -0.05	83.14 7.28 0.01	79.18 6.54 0.01	69.87 5.65 0.00	69.51 5.80 0.00	61.29 5.11 -2.36	53.76 4.71 -0.01	48.84 4.03 -0.01
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	46.66 3.38 0.00	42.67 2.90 0.00	38.24 2.50 0.00	37.00 2.23 0.00	35.96 2.13 0.00	35.16 2.05 0.00	35.31 2.12 0.00	33.36 2.33 0.00	34.51 2.48 -0.22	36.67 2.59 0.00	40.82 3.16 -0.06	46.40 3.85 -0.71	57.00 4.35 -7.86	58.79 4.71 -6.03	60.43 5.00 -2.80	63.78 5.58 -0.12	77.64 6.73 -0.05	83.06 7.21 0.01	79.11 6.47 0.01	69.74 5.52 0.00	69.38 5.67 0.00	61.23 5.06 -2.36	53.66 4.61 -0.01	48.80 3.99 -0.01
FARRAGUT___LBMP 323566	46.66 3.38 0.00	42.63 2.86 0.00	38.24 2.50 0.00	36.96 2.19 0.00	35.93 2.10 0.00	35.12 2.02 0.00	35.27 2.09 0.00	33.36 2.33 0.00	34.48 2.45 -0.22	36.64 2.56 0.00	40.78 3.12 -0.06	46.36 3.81 -0.71	56.96 4.30 -7.86	58.74 4.66 -6.03	60.38 4.95 -2.80	63.72 5.52 -0.12	77.57 6.66 -0.05	82.99 7.13 0.01	79.03 6.39 0.01	69.74 5.52 0.00	69.32 5.61 0.00	61.18 5.00 -2.36	53.66 4.61 -0.01	48.76 3.94 -0.01
FARRCKWY_69_KV_BK2 55825	47.44 4.16 0.00	43.43 3.66 0.00	38.56 2.82 0.00	37.28 2.50 0.00	36.37 2.54 0.00	35.32 2.22 0.00	35.44 2.26 0.00	33.64 2.61 0.00	34.98 3.18 0.01	37.25 3.17 0.00	45.16 4.06 -3.50	51.00 4.81 -4.35	52.32 5.38 -2.15	54.10 5.91 -0.14	59.00 6.32 -0.06	63.89 5.81 0.01	78.23 7.44 0.07	83.04 7.21 0.03	79.17 6.54 0.02	69.73 5.52 0.01	69.09 5.54 0.16	61.00 4.84 -2.34	53.69 4.66 0.00	49.33 4.53 0.00
FENNER___WINDPWR 24204	43.68 0.39 0.00	40.13 0.36 0.00	36.06 0.32 0.00	35.05 0.28 0.00	34.10 0.27 0.00	33.34 0.23 0.00	33.38 0.20 0.00	31.28 0.25 0.00	31.94 0.13 0.00	34.25 0.17 0.00	37.79 0.19 0.00	42.05 0.21 0.00	44.72 0.13 0.21	47.93 0.24 0.36	52.51 0.37 0.49	57.78 0.35 0.65	70.24 0.50 1.12	75.44 0.76 1.18	72.14 0.58 1.10	64.00 0.58 0.79	63.49 0.45 0.67	53.49 0.16 0.48	48.79 0.10 0.34	44.99 0.18 0.00
FIBERTEK___ENERGY 23856	42.81 -0.48 0.00	39.37 -0.40 0.00	35.42 -0.32 0.00	34.42 -0.35 0.00	33.46 -0.37 0.00	32.74 -0.36 0.00	32.82 -0.37 0.00	30.79 -0.25 0.00	31.49 -0.32 0.00	33.84 -0.24 0.00	37.26 -0.34 0.00	41.42 -0.42 0.00	44.30 -0.49 0.00	47.47 -0.58 0.00	52.05 -0.58 0.00	57.50 -0.58 0.00	70.15 -0.71 0.00	75.11 -0.76 0.00	71.86 -0.80 0.00	63.45 -0.77 0.00	63.01 -0.70 0.00	53.28 -0.54 0.00	48.35 -0.69 0.00	44.13 -0.67 0.00
FITZPATRICK____ 23598	41.90 -1.39 0.00	38.50 -1.27 0.00	34.67 -1.07 0.00	33.73 -1.04 0.00	32.78 -1.05 0.00	32.08 -1.03 0.00	32.16 -1.03 0.00	30.13 -0.90 0.00	30.89 -0.92 0.00	33.09 -0.99 0.00	36.36 -1.24 0.00	40.42 -1.42 0.00	43.18 -1.61 0.00	46.32 -1.73 0.00	50.68 -1.95 0.00	56.00 -2.09 0.00	68.29 -2.62 -0.06	73.16 -2.73 -0.02	70.05 -2.61 -0.01	61.91 -2.31 0.00	61.42 -2.29 0.00	51.83 -1.99 0.00	47.22 -1.81 0.00	43.10 -1.70 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	46.14 2.86 0.00	42.28 2.51 0.00	37.88 2.14 0.00	36.72 1.95 0.00	35.69 1.86 0.00	34.89 1.79 0.00	34.94 1.76 0.00	32.87 1.83 0.00	33.69 1.88 0.00	36.02 1.94 0.00	40.08 2.48 0.00	44.98 3.14 0.00	48.33 3.54 0.00	51.99 3.94 0.00	56.95 4.32 0.00	63.02 4.94 0.00	76.89 6.09 0.07	82.52 6.68 0.03	78.60 5.96 0.01	69.29 5.07 0.00	68.87 5.16 0.00	60.70 4.47 -2.42	53.06 4.02 0.00	48.21 3.41 0.00
FORT ORANGE____ 23900	44.63 1.34 0.00	41.00 1.23 0.00	36.81 1.07 0.00	35.81 1.04 0.00	34.81 0.98 0.00	34.03 0.93 0.00	34.05 0.86 0.00	31.84 0.81 0.00	32.41 0.60 0.00	34.63 0.54 0.00	38.28 0.68 0.00	42.72 0.88 0.00	45.87 1.07 0.00	49.06 1.01 0.00	54.00 1.37 0.00	59.83 1.74 0.00	73.13 2.27 0.00	78.45 2.58 0.00	75.20 2.54 0.00	66.60 2.38 0.00	66.13 2.42 0.00	62.39 2.04 -6.53	50.85 1.82 0.00	46.42 1.61 0.00
FORT_DRUM_COGEN 23780	44.15 0.87 0.00	40.57 0.80 0.00	36.35 0.61 0.00	35.36 0.59 0.00	34.41 0.58 0.00	33.50 0.40 0.00	33.52 0.33 0.00	31.38 0.34 0.00	32.03 0.22 0.00	34.35 0.27 0.00	38.01 0.41 0.00	42.18 0.33 0.00	44.71 -0.09 0.00	48.05 0.00 0.00	53.16 0.53 0.00	58.03 -0.06 0.00	71.28 0.43 0.00	76.93 1.06 0.00	73.38 0.73 0.00	64.86 0.64 0.00	63.90 0.19 0.00	53.06 -0.75 0.00	48.25 -0.78 0.00	44.85 0.04 0.00
FOX_HILLS___ESR 323835	47.02 3.72 -0.01	42.91 3.14 0.00	38.42 2.68 0.00	37.10 2.33 0.00	36.07 2.23 0.00	35.19 2.09 0.00	35.28 2.09 0.00	33.36 2.33 0.00	34.30 2.26 -0.23	36.71 2.62 0.00	40.94 3.27 -0.07	46.24 3.68 -0.72	56.88 4.21 -7.87	58.46 4.37 -6.04	60.28 4.84 -2.81	63.42 5.23 -0.11	77.15 6.24 -0.06	82.76 6.90 0.01	78.59 5.96 0.02	69.22 5.01 0.01	69.07 5.35 0.00	61.18 5.01 -2.36	53.91 4.86 -0.02	49.12 4.30 -0.02
FPL_FAR_ROCK_GT1 24212	47.44 4.16 0.00	43.43 3.66 0.00	38.56 2.82 0.00	37.28 2.51 0.00	36.37 2.54 0.00	35.32 2.22 0.00	35.44 2.26 0.00	33.64 2.61 0.00	34.99 3.18 0.00	37.25 3.17 0.00	45.16 4.06 -3.50	51.00 4.81 -4.35	52.31 5.37 -2.15	53.90 5.72 -0.14	59.05 6.37 -0.06	63.83 5.75 0.01	78.02 7.23 0.07	83.27 7.44 0.03	79.18 6.54 0.02	69.67 5.46 0.01	69.16 5.61 0.16	61.05 4.90 -2.34	53.70 4.66 0.00	49.28 4.48 0.00
FPL_FAR_ROCK_GT2 23815	47.44 4.16 0.00	43.43 3.66 0.00	38.56 2.82 0.00	37.28 2.51 0.00	36.37 2.54 0.00	35.32 2.22 0.00	35.44 2.26 0.00	33.64 2.61 0.00	34.99 3.18 0.00	37.25 3.17 0.00	45.16 4.06 -3.50	51.00 4.81 -4.35	52.31 5.37 -2.15	53.90 5.72 -0.14	59.05 6.37 -0.06	63.83 5.75 0.01	78.02 7.23 0.07	83.27 7.44 0.03	79.18 6.54 0.02	69.67 5.46 0.01	69.16 5.61 0.16	61.05 4.90 -2.34	53.70 4.66 0.00	49.28 4.48 0.00

FRANKLIN_FALL_HYD 24054	42.60 -0.69 0.00	39.13 -0.64 0.00	35.17 -0.57 0.00	34.32 -0.45 0.00	33.53 -0.30 0.00	32.77 -0.33 0.00	32.92 -0.27 0.00	30.66 -0.37 0.00	31.62 -0.19 0.00	33.98 -0.10 0.00	37.52 -0.08 0.00	41.51 -0.33 0.00	44.44 -0.36 0.00	47.76 -0.29 0.00	52.21 -0.42 0.00	57.33 -0.76 0.00	69.87 -0.99 0.00	75.11 -0.76 0.00	71.93 -0.73 0.00	63.25 -0.96 0.00	62.76 -0.96 0.00	52.42 -1.40 0.00	47.96 -1.08 0.00	44.31 -0.49 0.00
FREEPORT_EQUS_GT1 23764	47.36 4.07 0.00	43.31 3.54 0.00	38.45 2.71 0.00	37.17 2.40 0.00	36.27 2.44 0.00	35.22 2.12 0.00	35.34 2.16 0.00	33.55 2.51 0.00	34.89 3.08 0.00	37.21 3.13 0.00	45.01 3.91 -3.50	50.83 4.64 -4.35	52.13 5.19 -2.15	53.64 5.43 -0.16	58.70 6.00 -0.07	63.46 5.23 -0.14	77.38 6.59 0.07	82.51 6.68 0.03	78.52 5.88 0.02	69.09 4.88 0.01	67.77 4.97 0.91	60.56 4.41 -2.33	53.40 4.36 0.00	49.11 4.30 0.00
FREEPORT___CT2 23818	47.36 4.07 0.00	43.31 3.54 0.00	38.45 2.71 0.00	37.17 2.40 0.00	36.27 2.44 0.00	35.22 2.12 0.00	35.34 2.16 0.00	33.55 2.51 0.00	34.89 3.08 0.00	37.21 3.13 0.00	45.01 3.91 -3.50	50.83 4.64 -4.35	52.13 5.19 -2.15	53.64 5.43 -0.16	58.70 6.00 -0.07	63.46 5.23 -0.14	77.38 6.59 0.07	82.51 6.68 0.03	78.52 5.88 0.02	69.09 4.88 0.01	67.77 4.97 0.91	60.56 4.41 -2.33	53.40 4.36 0.00	49.11 4.30 0.00
FRESHKLS_33_KV_LOAD 356253	47.19 3.90 -0.01	43.03 3.26 0.00	38.53 2.79 0.00	37.21 2.43 0.00	36.17 2.33 0.00	35.25 2.15 0.00	35.34 2.16 0.00	33.43 2.39 0.00	34.30 2.26 -0.23	36.77 2.69 0.00	41.01 3.35 -0.07	46.24 3.68 -0.72	56.88 4.21 -7.87	58.46 4.37 -6.04	60.28 4.84 -2.81	63.48 5.28 -0.11	77.15 6.24 -0.06	82.76 6.90 0.01	78.66 6.03 0.02	69.28 5.07 0.01	69.19 5.48 0.00	61.23 5.06 -2.36	54.06 5.00 -0.02	49.26 4.44 -0.02
FULTON COGEN____ 23766	42.34 -0.95 0.00	38.94 -0.84 0.00	35.02 -0.71 0.00	34.08 -0.70 0.00	33.12 -0.71 0.00	32.41 -0.70 0.00	32.49 -0.70 0.00	30.45 -0.59 0.00	31.17 -0.64 0.00	33.47 -0.61 0.00	36.81 -0.79 0.00	40.88 -0.96 0.00	44.44 -1.08 -0.72	48.09 -1.20 -1.24	53.00 -1.32 -1.68	58.98 -1.34 -2.23	72.74 -1.63 -3.51	78.04 -1.74 -3.92	74.60 -1.74 -3.68	65.40 -1.54 -2.72	64.54 -1.47 -2.29	54.23 -1.24 -1.66	48.94 -1.27 -1.18	43.60 -1.21 0.00
FULTON___LFGE 323630	45.24 1.95 0.00	41.52 1.75 0.00	37.24 1.50 0.00	36.34 1.57 0.00	35.25 1.42 0.00	34.49 1.39 0.00	34.25 1.06 0.00	31.75 0.71 0.00	32.09 0.29 0.00	34.29 0.21 0.00	37.83 0.23 0.00	42.14 0.29 0.00	45.29 0.49 0.00	49.01 0.96 0.00	54.05 1.42 0.00	60.17 2.09 0.00	73.84 3.04 0.07	79.93 4.09 0.03	76.85 4.21 0.01	68.52 4.30 0.00	68.24 4.52 0.00	67.84 3.66 -10.36	52.08 3.04 0.00	47.31 2.51 0.00
G.F.CEMENT___DRP 24184	45.32 2.03 0.00	41.68 1.91 0.00	37.38 1.64 0.00	36.48 1.70 0.00	35.36 1.52 0.00	34.59 1.49 0.00	34.58 1.39 0.00	32.28 1.24 0.00	32.70 0.89 0.00	34.97 0.89 0.00	38.50 0.90 0.00	42.76 0.92 0.00	45.83 1.03 0.00	49.49 1.44 0.00	54.37 1.74 0.00	60.76 2.67 0.00	75.11 4.25 0.00	80.87 5.01 0.00	77.67 5.01 0.00	69.03 4.82 0.00	68.75 5.03 0.00	68.52 4.20 -10.50	52.42 3.38 0.00	47.58 2.78 0.00
GARDENVILLE___LBMP 24039	26.06 -4.11 13.12	25.17 -3.46 11.14	24.66 -3.07 8.00	26.86 -3.20 4.71	30.41 -3.28 0.15	29.38 -3.14 0.58	29.75 -2.85 0.58	24.96 -2.39 3.69	28.48 -2.54 0.78	30.16 -2.52 1.40	29.64 -2.59 5.36	27.13 -3.10 11.61	27.32 -3.76 13.71	28.43 -4.95 14.67	28.78 -5.47 18.38	29.31 -5.98 22.79	32.38 -7.58 30.90	36.64 -7.97 31.26	35.27 -7.56 29.83	38.26 -6.23 19.73	43.34 -6.05 14.32	33.71 -4.52 15.58	32.73 -4.36 11.94	30.46 -3.99 10.35
GARDNVLA_35_KV_LD 355827	27.93 -3.98 11.38	26.72 -3.34 9.71	25.83 -2.97 6.94	27.59 -3.09 4.09	30.59 -3.11 0.13	29.55 -3.05 0.51	29.92 -2.75 0.51	25.52 -2.30 3.22	28.68 -2.45 0.68	30.44 -2.42 1.22	30.50 -2.44 4.65	28.84 -2.93 10.07	29.20 -3.58 12.01	30.36 -4.76 12.94	31.07 -5.26 16.29	32.11 -5.75 20.22	35.79 -7.30 27.77	40.27 -7.59 28.00	38.73 -7.27 26.66	40.60 -5.97 17.64	45.06 -5.80 12.86	35.71 -4.31 13.80	34.27 -4.17 10.60	31.98 -3.81 9.02
GELCKHM___115KV_LOAD 80723	42.51 -0.78 0.00	39.09 -0.68 0.00	35.17 -0.57 0.00	34.18 -0.59 0.00	33.22 -0.61 0.00	32.51 -0.60 0.00	32.59 -0.60 0.00	30.57 -0.47 0.00	31.30 -0.51 0.00	33.60 -0.48 0.00	37.00 -0.60 0.00	41.13 -0.71 0.00	43.60 -0.85 0.35	46.49 -0.96 0.60	50.82 -1.00 0.81	55.97 -1.05 1.07	67.89 -1.28 1.69	72.61 -1.37 1.89	69.50 -1.38 1.77	61.63 -1.28 1.31	61.40 -1.21 1.10	52.05 -0.97 0.80	47.44 -1.03 0.57	43.82 -0.99 0.00
GENERAL___MILLS 23808	27.46 -3.98 11.85	26.33 -3.34 10.10	25.54 -2.97 7.23	27.42 -3.09 4.26	30.55 -3.15 0.13	29.53 -3.05 0.53	29.90 -2.75 0.53	25.36 -2.33 3.34	28.65 -2.45 0.71	30.40 -2.42 1.27	30.27 -2.48 4.85	28.38 -2.97 10.49	28.69 -3.63 12.47	29.84 -4.80 13.41	30.46 -5.32 16.86	31.36 -5.81 20.92	34.87 -7.37 28.62	39.24 -7.74 28.89	37.80 -7.34 27.52	39.97 -6.04 18.21	44.60 -5.86 13.25	35.17 -4.36 14.28	33.85 -4.22 10.97	31.57 -3.85 9.38
GE_PLASTICS___DRP 24183	44.41 1.13 0.00	40.84 1.07 0.00	36.67 0.93 0.00	35.68 0.90 0.00	34.68 0.85 0.00	33.93 0.83 0.00	33.98 0.80 0.00	31.78 0.74 0.00	32.41 0.60 0.00	34.66 0.58 0.00	38.28 0.68 0.00	42.72 0.88 0.00	45.83 1.03 0.00	49.15 1.11 0.00	53.89 1.26 0.00	59.65 1.57 0.00	72.84 1.98 0.00	77.99 2.12 0.00	74.69 2.03 0.00	66.14 1.93 0.00	65.63 1.91 0.00	61.20 1.67 -5.71	50.55 1.52 0.00	46.15 1.34 0.00
GILBOA___1 23756	44.54 1.26 0.00	40.92 1.15 0.00	36.74 1.00 0.00	35.78 1.01 0.00	34.81 0.98 0.00	34.16 1.06 0.00	34.25 1.06 0.00	32.00 0.96 0.00	32.60 0.80 0.00	34.90 0.82 0.00	38.58 0.98 0.00	43.05 1.21 0.00	46.19 1.39 0.00	49.49 1.44 0.00	54.31 1.68 0.00	60.00 1.91 0.00	73.11 2.33 0.08	78.03 2.20 0.03	74.67 2.03 0.02	66.21 1.99 0.00	65.81 2.10 0.00	57.80 1.83 -2.15	50.70 1.67 0.00	46.24 1.43 0.00
GILBOA___2 23757	44.54 1.26 0.00	40.92 1.15 0.00	36.74 1.00 0.00	35.78 1.01 0.00	34.81 0.98 0.00	34.16 1.06 0.00	34.25 1.06 0.00	32.00 0.96 0.00	32.60 0.80 0.00	34.90 0.82 0.00	38.58 0.98 0.00	43.05 1.21 0.00	46.19 1.39 0.00	49.49 1.44 0.00	54.31 1.68 0.00	60.00 1.91 0.00	73.11 2.33 0.08	78.03 2.20 0.03	74.67 2.03 0.02	66.21 1.99 0.00	65.81 2.10 0.00	57.80 1.83 -2.15	50.70 1.67 0.00	46.24 1.43 0.00
GILBOA___3 23758	44.54 1.26 0.00	40.92 1.15 0.00	36.74 1.00 0.00	35.78 1.01 0.00	34.81 0.98 0.00	34.16 1.06 0.00	34.25 1.06 0.00	32.00 0.96 0.00	32.60 0.80 0.00	34.90 0.82 0.00	38.58 0.98 0.00	43.05 1.21 0.00	46.19 1.39 0.00	49.49 1.44 0.00	54.31 1.68 0.00	60.00 1.91 0.00	73.11 2.33 0.08	78.03 2.20 0.03	74.67 2.03 0.02	66.21 1.99 0.00	65.81 2.10 0.00	57.80 1.83 -2.15	50.70 1.67 0.00	46.24 1.43 0.00

GILBOA___4 23759	44.54 1.26 0.00	40.92 1.15 0.00	36.74 1.00 0.00	35.78 1.01 0.00	34.81 0.98 0.00	34.16 1.06 0.00	34.25 1.06 0.00	32.00 0.96 0.00	32.60 0.80 0.00	34.90 0.82 0.00	38.58 0.98 0.00	43.05 1.21 0.00	46.19 1.39 0.00	49.49 1.44 0.00	54.31 1.68 0.00	60.00 1.91 0.00	73.11 2.33 0.08	78.03 2.20 0.03	74.67 2.03 0.02	66.21 1.99 0.00	65.81 2.10 0.00	57.80 1.83 -2.15	50.70 1.67 0.00	46.24 1.43 0.00
GILBOA___ 23599	44.54 1.26 0.00	40.92 1.15 0.00	36.74 1.00 0.00	35.78 1.01 0.00	34.81 0.98 0.00	34.16 1.06 0.00	34.25 1.06 0.00	32.00 0.96 0.00	32.60 0.80 0.00	34.90 0.82 0.00	38.58 0.98 0.00	43.05 1.21 0.00	46.18 1.39 0.00	49.54 1.49 0.00	54.26 1.63 0.00	60.00 1.92 0.00	72.97 2.20 0.08	78.03 2.20 0.03	74.67 2.03 0.02	66.21 1.99 0.00	65.82 2.10 0.00	57.85 1.88 -2.15	50.70 1.67 0.00	46.24 1.43 0.00
GINNA___ 23603	36.92 -4.29 2.08	34.15 -3.86 1.76	31.15 -3.32 1.27	30.69 -3.34 0.75	30.53 -3.28 0.02	29.77 -3.24 0.09	29.91 -3.19 0.09	27.69 -2.76 0.58	28.92 -2.77 0.12	31.03 -2.83 0.22	33.78 -2.97 0.85	36.57 -3.43 1.84	37.79 -3.90 3.11	39.98 -4.13 3.94	42.26 -5.16 5.22	45.86 -5.58 6.65	55.03 -7.02 8.81	58.57 -7.36 9.94	55.93 -7.19 9.53	51.03 -6.42 6.77	52.03 -6.37 5.32	43.60 -5.43 4.78	40.69 -4.86 3.49	38.52 -4.57 1.72
GLEN PARK___ 23778	44.37 1.08 0.00	40.76 0.99 0.00	36.52 0.79 0.00	35.54 0.76 0.00	34.58 0.74 0.00	33.67 0.56 0.00	33.65 0.46 0.00	31.50 0.47 0.00	32.13 0.32 0.00	34.42 0.34 0.00	38.13 0.53 0.00	42.34 0.50 0.00	44.79 0.00 0.00	48.29 0.24 0.00	53.37 0.74 0.00	58.26 0.17 0.00	71.64 0.78 0.00	77.23 1.37 0.00	73.67 1.02 0.00	65.12 0.90 0.00	64.16 0.45 0.00	53.17 -0.64 0.00	48.40 -0.64 0.00	44.99 0.18 0.00
GLENDALE_27_KV_LOAD 356172	47.01 3.72 0.00	42.91 3.14 0.00	38.45 2.72 0.00	37.17 2.40 0.00	36.17 2.33 0.00	35.36 2.25 0.00	35.47 2.29 0.00	33.55 2.51 0.00	34.66 2.61 -0.24	36.88 2.79 0.00	41.05 3.38 -0.07	46.67 4.06 -0.78	57.91 4.52 -8.59	59.54 4.90 -6.59	60.79 5.11 -3.06	63.90 5.69 -0.13	77.79 6.87 -0.06	83.29 7.43 0.01	79.25 6.61 0.01	69.80 5.59 0.00	69.58 5.86 0.00	61.45 5.27 -2.36	54.00 4.95 -0.02	49.16 4.35 -0.01
GLENWOOD_IC_1_G5 23712	46.84 3.55 0.00	42.83 3.06 0.00	38.20 2.47 0.00	36.96 2.19 0.00	36.00 2.17 0.00	35.06 1.95 0.00	35.18 1.99 0.00	33.33 2.30 0.00	34.44 2.64 0.01	36.77 2.69 0.00	44.48 3.38 -3.50	50.29 4.10 -4.35	51.55 4.61 -2.15	53.23 5.05 -0.14	58.00 5.32 -0.06	63.31 5.23 0.01	76.81 6.02 0.07	81.90 6.07 0.03	78.09 5.45 0.02	68.77 4.56 0.00	68.00 4.84 0.55	60.56 4.41 -2.34	53.30 4.27 0.00	48.75 3.94 0.00
GLENWOOD_IC_2_G1 23688	46.58 3.29 0.00	42.64 2.87 0.00	38.06 2.32 0.00	36.82 2.05 0.00	35.86 2.03 0.00	34.96 1.85 0.00	35.07 1.89 0.00	33.18 2.14 0.00	34.26 2.45 0.00	36.57 2.49 0.00	44.18 3.08 -3.50	49.95 3.77 -4.35	51.20 4.26 -2.15	52.60 4.42 -0.14	57.63 4.95 -0.06	63.01 4.93 0.01	76.81 6.02 0.07	82.21 6.37 0.03	78.24 5.59 0.01	69.04 4.82 0.00	68.62 4.91 0.00	60.51 4.36 -2.34	53.15 4.12 0.00	48.52 3.72 0.00
GLENWOOD_IC_3_G1 23689	46.58 3.29 0.00	42.64 2.87 0.00	38.06 2.32 0.00	36.82 2.05 0.00	35.86 2.03 0.00	34.96 1.85 0.00	35.07 1.89 0.00	33.18 2.14 0.00	34.26 2.45 0.00	36.57 2.49 0.00	44.18 3.08 -3.50	49.95 3.77 -4.35	51.20 4.26 -2.15	52.60 4.42 -0.14	57.63 4.95 -0.06	63.01 4.93 0.01	76.81 6.02 0.07	82.21 6.37 0.03	78.24 5.59 0.01	69.04 4.82 0.00	68.62 4.91 0.00	60.51 4.36 -2.34	53.15 4.12 0.00	48.52 3.72 0.00
GLENWOOD___4 23550	46.84 3.55 0.00	42.83 3.06 0.00	38.20 2.47 0.00	36.96 2.19 0.00	36.00 2.17 0.00	35.06 1.95 0.00	35.18 1.99 0.00	33.33 2.30 0.00	34.44 2.64 0.01	36.77 2.69 0.00	44.48 3.38 -3.50	50.29 4.10 -4.35	51.55 4.61 -2.15	53.23 5.05 -0.14	58.00 5.32 -0.06	63.31 5.23 0.01	77.02 6.24 0.07	82.06 6.22 0.03	78.23 5.59 0.02	68.90 4.69 0.00	68.07 4.91 0.55	60.56 4.41 -2.34	53.30 4.27 0.00	48.75 3.94 0.00
GLENWOOD___5 23614	46.84 3.55 0.00	42.83 3.06 0.00	38.20 2.47 0.00	36.96 2.19 0.00	36.00 2.17 0.00	35.06 1.95 0.00	35.18 1.99 0.00	33.33 2.30 0.00	34.44 2.64 0.01	36.77 2.69 0.00	44.48 3.38 -3.50	50.29 4.10 -4.35	51.55 4.61 -2.15	53.23 5.05 -0.14	58.00 5.32 -0.06	63.31 5.23 0.01	77.02 6.24 0.07	82.06 6.22 0.03	78.23 5.59 0.02	68.90 4.69 0.00	68.07 4.91 0.55	60.56 4.41 -2.34	53.30 4.27 0.00	48.75 3.94 0.00
GLOBAL GREEN_PORT_GT1 23814	48.48 5.19 0.00	44.78 5.01 0.00	39.74 4.00 0.00	38.53 3.76 0.00	37.79 3.96 0.00	36.65 3.54 0.00	36.83 3.65 0.00	35.20 4.16 0.00	36.67 4.87 0.00	39.26 5.18 0.00	46.96 5.86 -3.50	52.79 6.61 -4.35	53.97 7.03 -2.15	57.34 7.02 -2.27	62.10 7.37 -2.10	65.93 6.10 -1.75	78.28 7.51 0.08	83.26 7.44 0.04	81.46 6.98 -1.83	69.81 5.58 0.00	66.29 4.52 1.95	61.10 4.95 -2.34	53.89 4.86 0.00	49.51 4.70 0.00
GLOBE___DSASP 323697	28.90 -5.24 9.15	27.62 -4.41 7.73	26.19 -3.97 5.58	27.42 -4.07 3.29	29.06 -4.67 0.10	28.70 -4.01 0.40	28.80 -3.98 0.40	25.34 -3.13 2.56	27.96 -3.31 0.54	29.70 -3.41 0.98	30.29 -3.57 3.74	29.55 -4.18 8.10	29.92 -4.97 9.91	30.89 -6.34 10.82	31.88 -7.10 13.65	33.25 -7.84 16.99	36.91 -9.78 24.17	40.80 -11.00 24.07	39.04 -10.83 22.79	40.21 -8.93 15.08	43.96 -8.67 11.09	35.66 -6.57 11.59	34.00 -6.13 8.91	32.01 -5.56 7.24
GOETHSLN___LBMP 323567	46.49 3.20 0.00	42.47 2.70 0.00	38.10 2.36 0.00	36.86 2.09 0.00	35.83 2.00 0.00	35.02 1.92 0.00	35.18 1.99 0.00	33.27 2.23 0.00	34.45 2.42 -0.22	36.57 2.49 0.00	40.67 3.01 -0.06	46.32 3.77 -0.71	56.82 4.17 -7.86	58.65 4.56 -6.03	60.22 4.79 -2.80	63.49 5.29 -0.12	77.29 6.38 -0.05	82.76 6.90 0.01	78.82 6.18 0.01	69.48 5.27 0.00	69.13 5.42 0.00	60.96 4.79 -2.36	53.51 4.46 -0.01	48.62 3.81 -0.01
GOLAH___69_KV_TB 1_2 80279	38.04 -3.03 2.22	35.24 -2.62 1.90	32.20 -2.18 1.35	31.71 -2.26 0.80	31.51 -2.30 0.02	30.75 -2.25 0.10	30.96 -2.12 0.10	28.57 -1.83 0.63	29.73 -1.94 0.13	31.90 -1.94 0.24	34.74 -1.96 0.91	37.53 -2.34 1.97	38.71 -2.87 3.22	40.31 -3.70 4.04	43.14 -4.16 5.34	46.88 -4.41 6.79	56.03 -5.60 9.23	59.83 -5.84 10.19	57.40 -5.52 9.73	52.61 -4.75 6.85	53.76 -4.59 5.36	45.55 -3.39 4.87	42.14 -3.33 3.56	39.84 -3.14 1.83
GOODYEAR_LAKE_HYD 323669	44.54 1.26 0.00	40.88 1.11 0.00	36.74 1.00 0.00	35.75 0.97 0.00	34.75 0.91 0.00	34.03 0.93 0.00	34.05 0.86 0.00	31.84 0.81 0.00	32.48 0.67 0.00	34.80 0.72 0.00	38.58 0.98 0.00	43.01 1.17 0.00	46.00 1.21 0.00	49.44 1.39 0.00	54.33 1.68 -0.02	59.97 1.86 -0.02	73.02 2.34 0.18	78.55 2.73 0.04	75.04 2.40 0.01	66.42 2.18 -0.02	65.83 2.10 -0.01	59.18 1.61 -3.76	50.42 1.37 -0.01	46.03 1.21 -0.01

GOUDEY___115_KV_TB6_REV_LBMP_C 345031	44.65 -0.22 -1.57	40.94 -0.16 -1.33	36.59 -0.11 -0.96	35.13 -0.21 -0.57	33.61 -0.24 -0.02	32.98 -0.20 -0.07	33.09 -0.17 -0.07	31.45 -0.03 -0.44	31.74 -0.16 -0.09	34.15 -0.10 -0.17	38.21 -0.04 -0.64	43.15 -0.08 -1.39	45.95 -0.13 -1.29	48.91 -0.29 -1.15	53.75 -0.37 -1.48	59.56 -0.29 -1.77	71.69 -0.43 -1.26	77.24 -0.30 -1.67	74.05 -0.36 -1.75	65.22 -0.13 -1.13	64.24 -0.13 -0.66	55.92 0.00 -2.11	49.76 -0.20 -0.92	45.89 -0.22 -1.31
GOUDEY___7 23579	44.65 -0.22 -1.57	40.94 -0.16 -1.33	36.59 -0.11 -0.96	35.13 -0.21 -0.57	33.61 -0.24 -0.02	32.98 -0.20 -0.07	33.09 -0.17 -0.07	31.45 -0.03 -0.44	31.74 -0.16 -0.09	34.15 -0.10 -0.17	38.21 -0.04 -0.64	43.15 -0.08 -1.39	45.95 -0.13 -1.29	48.91 -0.29 -1.15	53.75 -0.37 -1.48	59.56 -0.29 -1.77	71.69 -0.43 -1.26	77.24 -0.30 -1.67	74.05 -0.36 -1.75	65.22 -0.13 -1.13	64.24 -0.13 -0.66	55.92 0.00 -2.11	49.76 -0.20 -0.92	45.89 -0.22 -1.31
GOUDEY___8 23580	44.65 -0.22 -1.57	40.94 -0.16 -1.33	36.59 -0.11 -0.96	35.13 -0.21 -0.57	33.61 -0.24 -0.02	32.98 -0.20 -0.07	33.09 -0.17 -0.07	31.45 -0.03 -0.44	31.74 -0.16 -0.09	34.15 -0.10 -0.17	38.21 -0.04 -0.64	43.15 -0.08 -1.39	45.95 -0.13 -1.29	48.91 -0.29 -1.15	53.75 -0.37 -1.48	59.56 -0.29 -1.77	71.69 -0.43 -1.26	77.24 -0.30 -1.67	74.05 -0.36 -1.75	65.22 -0.13 -1.13	64.24 -0.13 -0.66	55.92 0.00 -2.11	49.76 -0.20 -0.92	45.89 -0.22 -1.31
GOWANUS_GT1_1 24077	47.06 3.77 -0.01	42.95 3.18 0.00	38.45 2.72 0.00	37.17 2.40 0.00	36.13 2.30 0.00	35.26 2.15 0.00	35.34 2.16 0.00	33.46 2.42 0.00	34.47 2.42 -0.24	36.81 2.73 0.00	41.01 3.35 -0.07	46.55 3.93 -0.78	57.82 4.43 -8.59	59.44 4.80 -6.59	60.69 5.00 -3.06	63.73 5.52 -0.13	77.58 6.66 -0.06	83.06 7.21 0.01	78.96 6.32 0.01	69.55 5.33 0.00	69.38 5.67 0.00	61.39 5.22 -2.36	54.00 4.95 -0.02	49.17 4.35 -0.02
GOWANUS_GT1_2 24078	47.06 3.77 -0.01	42.95 3.18 0.00	38.45 2.72 0.00	37.17 2.40 0.00	36.13 2.30 0.00	35.26 2.15 0.00	35.34 2.16 0.00	33.46 2.42 0.00	34.47 2.42 -0.24	36.81 2.73 0.00	41.01 3.35 -0.07	46.55 3.93 -0.78	57.82 4.43 -8.59	59.44 4.80 -6.59	60.69 5.00 -3.06	63.73 5.52 -0.13	77.58 6.66 -0.06	83.06 7.21 0.01	78.96 6.32 0.01	69.55 5.33 0.00	69.38 5.67 0.00	61.39 5.22 -2.36	54.00 4.95 -0.02	49.17 4.35 -0.02
GOWANUS_GT1_3 24079	47.06 3.77 -0.01	42.95 3.18 0.00	38.45 2.72 0.00	37.17 2.40 0.00	36.13 2.30 0.00	35.26 2.15 0.00	35.34 2.16 0.00	33.46 2.42 0.00	34.47 2.42 -0.24	36.81 2.73 0.00	41.01 3.35 -0.07	46.55 3.93 -0.78	57.82 4.43 -8.59	59.44 4.80 -6.59	60.69 5.00 -3.06	63.73 5.52 -0.13	77.58 6.66 -0.06	83.06 7.21 0.01	78.96 6.32 0.01	69.55 5.33 0.00	69.38 5.67 0.00	61.39 5.22 -2.36	54.00 4.95 -0.02	49.17 4.35 -0.02
GOWANUS_GT1_4 24080	47.06 3.77 -0.01	42.95 3.18 0.00	38.45 2.72 0.00	37.17 2.40 0.00	36.13 2.30 0.00	35.26 2.15 0.00	35.34 2.16 0.00	33.46 2.42 0.00	34.47 2.42 -0.24	36.81 2.73 0.00	41.01 3.35 -0.07	46.55 3.93 -0.78	57.82 4.43 -8.59	59.44 4.80 -6.59	60.69 5.00 -3.06	63.73 5.52 -0.13	77.58 6.66 -0.06	83.06 7.21 0.01	78.96 6.32 0.01	69.55 5.33 0.00	69.38 5.67 0.00	61.39 5.22 -2.36	54.00 4.95 -0.02	49.17 4.35 -0.02
GOWANUS_GT1_5 24084	47.06 3.77 -0.01	42.95 3.18 0.00	38.45 2.72 0.00	37.17 2.40 0.00	36.13 2.30 0.00	35.26 2.15 0.00	35.34 2.16 0.00	33.46 2.42 0.00	34.47 2.42 -0.24	36.81 2.73 0.00	41.01 3.35 -0.07	46.55 3.93 -0.78	57.82 4.43 -8.59	59.44 4.80 -6.59	60.69 5.00 -3.06	63.73 5.52 -0.13	77.58 6.66 -0.06	83.06 7.21 0.01	78.96 6.32 0.01	69.55 5.33 0.00	69.38 5.67 0.00	61.39 5.22 -2.36	54.00 4.95 -0.02	49.17 4.35 -0.02
GOWANUS_GT1_6 24111	47.06 3.77 -0.01	42.95 3.18 0.00	38.45 2.72 0.00	37.17 2.40 0.00	36.13 2.30 0.00	35.26 2.15 0.00	35.34 2.16 0.00	33.46 2.42 0.00	34.47 2.42 -0.24	36.81 2.73 0.00	41.01 3.35 -0.07	46.55 3.93 -0.78	57.82 4.43 -8.59	59.44 4.80 -6.59	60.69 5.00 -3.06	63.73 5.52 -0.13	77.58 6.66 -0.06	83.06 7.21 0.01	78.96 6.32 0.01	69.55 5.33 0.00	69.38 5.67 0.00	61.39 5.22 -2.36	54.00 4.95 -0.02	49.17 4.35 -0.02
GOWANUS_GT1_7 24112	47.06 3.77 -0.01	42.95 3.18 0.00	38.45 2.72 0.00	37.17 2.40 0.00	36.13 2.30 0.00	35.26 2.15 0.00	35.34 2.16 0.00	33.46 2.42 0.00	34.47 2.42 -0.24	36.81 2.73 0.00	41.01 3.35 -0.07	46.55 3.93 -0.78	57.82 4.43 -8.59	59.44 4.80 -6.59	60.69 5.00 -3.06	63.73 5.52 -0.13	77.58 6.66 -0.06	83.06 7.21 0.01	78.96 6.32 0.01	69.55 5.33 0.00	69.38 5.67 0.00	61.39 5.22 -2.36	54.00 4.95 -0.02	49.17 4.35 -0.02
GOWANUS_GT1_8 24113	47.06 3.77 -0.01	42.95 3.18 0.00	38.45 2.72 0.00	37.17 2.40 0.00	36.13 2.30 0.00	35.26 2.15 0.00	35.34 2.16 0.00	33.46 2.42 0.00	34.47 2.42 -0.24	36.81 2.73 0.00	41.01 3.35 -0.07	46.55 3.93 -0.78	57.82 4.43 -8.59	59.44 4.80 -6.59	60.69 5.00 -3.06	63.73 5.52 -0.13	77.58 6.66 -0.06	83.06 7.21 0.01	78.96 6.32 0.01	69.55 5.33 0.00	69.38 5.67 0.00	61.39 5.22 -2.36	54.00 4.95 -0.02	49.17 4.35 -0.02
GOWANUS_GT2_1 24114	47.06 3.76 -0.01	42.95 3.18 0.00	38.45 2.71 0.00	37.14 2.37 0.00	36.13 2.30 0.00	35.22 2.12 0.00	35.34 2.16 0.00	33.43 2.39 0.00	34.47 2.42 -0.24	36.81 2.73 0.00	41.01 3.35 -0.07	46.51 3.89 -0.78	57.82 4.44 -8.59	59.21 4.57 -6.59	60.74 5.05 -3.06	63.73 5.52 -0.13	77.43 6.51 -0.06	83.07 7.21 0.01	78.96 6.32 0.01	69.55 5.33 0.00	69.38 5.67 0.00	61.34 5.17 -2.36	54.01 4.95 -0.02	49.17 4.34 -0.02
GOWANUS_GT2_2 24115	47.06 3.76 -0.01	42.95 3.18 0.00	38.45 2.71 0.00	37.14 2.37 0.00	36.13 2.30 0.00	35.22 2.12 0.00	35.34 2.16 0.00	33.43 2.39 0.00	34.47 2.42 -0.24	36.81 2.73 0.00	41.01 3.35 -0.07	46.51 3.89 -0.78	57.82 4.44 -8.59	59.21 4.57 -6.59	60.74 5.05 -3.06	63.73 5.52 -0.13	77.43 6.51 -0.06	83.07 7.21 0.01	78.96 6.32 0.01	69.55 5.33 0.00	69.38 5.67 0.00	61.34 5.17 -2.36	54.01 4.95 -0.02	49.17 4.34 -0.02
GOWANUS_GT2_3 24116	47.06 3.76 -0.01	42.95 3.18 0.00	38.45 2.71 0.00	37.14 2.37 0.00	36.13 2.30 0.00	35.22 2.12 0.00	35.34 2.16 0.00	33.43 2.39 0.00	34.47 2.42 -0.24	36.81 2.73 0.00	41.01 3.35 -0.07	46.51 3.89 -0.78	57.82 4.44 -8.59	59.21 4.57 -6.59	60.74 5.05 -3.06	63.73 5.52 -0.13	77.43 6.51 -0.06	83.07 7.21 0.01	78.96 6.32 0.01	69.55 5.33 0.00	69.38 5.67 0.00	61.34 5.17 -2.36	54.01 4.95 -0.02	49.17 4.34 -0.02
GOWANUS_GT2_4 24117	47.06 3.76 -0.01	42.95 3.18 0.00	38.45 2.71 0.00	37.14 2.37 0.00	36.13 2.30 0.00	35.22 2.12 0.00	35.34 2.16 0.00	33.43 2.39 0.00	34.47 2.42 -0.24	36.81 2.73 0.00	41.01 3.35 -0.07	46.51 3.89 -0.78	57.82 4.44 -8.59	59.21 4.57 -6.59	60.74 5.05 -3.06	63.73 5.52 -0.13	77.43 6.51 -0.06	83.07 7.21 0.01	78.96 6.32 0.01	69.55 5.33 0.00	69.38 5.67 0.00	61.34 5.17 -2.36	54.01 4.95 -0.02	49.17 4.34 -0.02

GOWANUS_GT2_5 24118	47.06 <i>3.76</i> -0.01	42.95 <i>3.18</i> 0.00	38.45 <i>2.71</i> 0.00	37.14 <i>2.37</i> 0.00	36.13 <i>2.30</i> 0.00	35.22 <i>2.12</i> 0.00	35.34 <i>2.16</i> 0.00	33.43 <i>2.39</i> 0.00	34.47 <i>2.42</i> -0.24	36.81 <i>2.73</i> 0.00	41.01 <i>3.35</i> -0.07	46.51 <i>3.89</i> -0.78	57.82 <i>4.44</i> -8.59	59.21 <i>4.57</i> -6.59	60.74 <i>5.05</i> -3.06	63.73 <i>5.52</i> -0.13	77.43 <i>6.51</i> -0.06	83.07 <i>7.21</i> 0.01	78.96 <i>6.32</i> 0.01	69.55 <i>5.33</i> 0.00	69.38 <i>5.67</i> 0.00	61.34 <i>5.17</i> -2.36	54.01 <i>4.95</i> -0.02	49.17 <i>4.34</i> -0.02
GOWANUS_GT2_6 24119	47.06 <i>3.76</i> -0.01	42.95 <i>3.18</i> 0.00	38.45 <i>2.71</i> 0.00	37.14 <i>2.37</i> 0.00	36.13 <i>2.30</i> 0.00	35.22 <i>2.12</i> 0.00	35.34 <i>2.16</i> 0.00	33.43 <i>2.39</i> 0.00	34.47 <i>2.42</i> -0.24	36.81 <i>2.73</i> 0.00	41.01 <i>3.35</i> -0.07	46.51 <i>3.89</i> -0.78	57.82 <i>4.44</i> -8.59	59.21 <i>4.57</i> -6.59	60.74 <i>5.05</i> -3.06	63.73 <i>5.52</i> -0.13	77.43 <i>6.51</i> -0.06	83.07 <i>7.21</i> 0.01	78.96 <i>6.32</i> 0.01	69.55 <i>5.33</i> 0.00	69.38 <i>5.67</i> 0.00	61.34 <i>5.17</i> -2.36	54.01 <i>4.95</i> -0.02	49.17 <i>4.34</i> -0.02
GOWANUS_GT2_7 24120	47.06 <i>3.76</i> -0.01	42.95 <i>3.18</i> 0.00	38.45 <i>2.71</i> 0.00	37.14 <i>2.37</i> 0.00	36.13 <i>2.30</i> 0.00	35.22 <i>2.12</i> 0.00	35.34 <i>2.16</i> 0.00	33.43 <i>2.39</i> 0.00	34.47 <i>2.42</i> -0.24	36.81 <i>2.73</i> 0.00	41.01 <i>3.35</i> -0.07	46.51 <i>3.89</i> -0.78	57.82 <i>4.44</i> -8.59	59.21 <i>4.57</i> -6.59	60.74 <i>5.05</i> -3.06	63.73 <i>5.52</i> -0.13	77.43 <i>6.51</i> -0.06	83.07 <i>7.21</i> 0.01	78.96 <i>6.32</i> 0.01	69.55 <i>5.33</i> 0.00	69.38 <i>5.67</i> 0.00	61.34 <i>5.17</i> -2.36	54.01 <i>4.95</i> -0.02	49.17 <i>4.34</i> -0.02
GOWANUS_GT2_8 24121	47.06 <i>3.76</i> -0.01	42.95 <i>3.18</i> 0.00	38.45 <i>2.71</i> 0.00	37.14 <i>2.37</i> 0.00	36.13 <i>2.30</i> 0.00	35.22 <i>2.12</i> 0.00	35.34 <i>2.16</i> 0.00	33.43 <i>2.39</i> 0.00	34.47 <i>2.42</i> -0.24	36.81 <i>2.73</i> 0.00	41.01 <i>3.35</i> -0.07	46.51 <i>3.89</i> -0.78	57.82 <i>4.44</i> -8.59	59.21 <i>4.57</i> -6.59	60.74 <i>5.05</i> -3.06	63.73 <i>5.52</i> -0.13	77.43 <i>6.51</i> -0.06	83.07 <i>7.21</i> 0.01	78.96 <i>6.32</i> 0.01	69.55 <i>5.33</i> 0.00	69.38 <i>5.67</i> 0.00	61.34 <i>5.17</i> -2.36	54.01 <i>4.95</i> -0.02	49.17 <i>4.34</i> -0.02
GOWANUS_GT3_1 24122	47.06 <i>3.76</i> -0.01	42.95 <i>3.18</i> 0.00	38.45 <i>2.71</i> 0.00	37.17 <i>2.40</i> 0.00	36.13 <i>2.30</i> 0.00	35.25 <i>2.15</i> 0.00	35.37 <i>2.19</i> 0.00	33.46 <i>2.42</i> 0.00	34.47 <i>2.42</i> -0.24	36.81 <i>2.73</i> 0.00	41.01 <i>3.35</i> -0.07	46.51 <i>3.89</i> -0.78	57.82 <i>4.44</i> -8.59	59.25 <i>4.61</i> -6.59	60.79 <i>5.10</i> -3.06	63.73 <i>5.52</i> -0.13	77.51 <i>6.59</i> -0.06	83.07 <i>7.21</i> 0.01	78.96 <i>6.32</i> 0.01	69.55 <i>5.33</i> 0.00	69.38 <i>5.67</i> 0.00	61.34 <i>5.17</i> -2.36	54.01 <i>4.95</i> -0.02	49.17 <i>4.34</i> -0.02
GOWANUS_GT3_2 24123	47.06 <i>3.76</i> -0.01	42.95 <i>3.18</i> 0.00	38.45 <i>2.71</i> 0.00	37.17 <i>2.40</i> 0.00	36.13 <i>2.30</i> 0.00	35.25 <i>2.15</i> 0.00	35.37 <i>2.19</i> 0.00	33.46 <i>2.42</i> 0.00	34.47 <i>2.42</i> -0.24	36.81 <i>2.73</i> 0.00	41.01 <i>3.35</i> -0.07	46.51 <i>3.89</i> -0.78	57.82 <i>4.44</i> -8.59	59.25 <i>4.61</i> -6.59	60.79 <i>5.10</i> -3.06	63.73 <i>5.52</i> -0.13	77.51 <i>6.59</i> -0.06	83.07 <i>7.21</i> 0.01	78.96 <i>6.32</i> 0.01	69.55 <i>5.33</i> 0.00	69.38 <i>5.67</i> 0.00	61.34 <i>5.17</i> -2.36	54.01 <i>4.95</i> -0.02	49.17 <i>4.34</i> -0.02</

GOWANUS_GT4_4 24133	47.06 3.77 -0.01	42.95 3.18 0.00	38.45 2.72 0.00	37.14 2.36 0.00	36.13 2.30 0.00	35.22 2.12 0.00	35.34 2.16 0.00	33.43 2.39 0.00	34.47 2.42 -0.24	36.81 2.73 0.00	41.01 3.35 -0.07	46.51 3.89 -0.78	57.82 4.43 -8.59	59.44 4.80 -6.59	60.69 5.00 -3.06	63.73 5.52 -0.13	77.51 6.59 -0.06	83.06 7.21 0.01	78.96 6.32 0.01	69.55 5.33 0.00	69.32 5.61 0.00	61.39 5.22 -2.36	54.00 4.95 -0.02	49.17 4.35 -0.02
GOWANUS_GT4_5 24134	47.06 3.77 -0.01	42.95 3.18 0.00	38.45 2.72 0.00	37.14 2.36 0.00	36.13 2.30 0.00	35.22 2.12 0.00	35.34 2.16 0.00	33.43 2.39 0.00	34.47 2.42 -0.24	36.81 2.73 0.00	41.01 3.35 -0.07	46.51 3.89 -0.78	57.82 4.43 -8.59	59.44 4.80 -6.59	60.69 5.00 -3.06	63.73 5.52 -0.13	77.51 6.59 -0.06	83.06 7.21 0.01	78.96 6.32 0.01	69.55 5.33 0.00	69.32 5.61 0.00	61.39 5.22 -2.36	54.00 4.95 -0.02	49.17 4.35 -0.02
GOWANUS_GT4_6 24135	47.06 3.77 -0.01	42.95 3.18 0.00	38.45 2.72 0.00	37.14 2.36 0.00	36.13 2.30 0.00	35.22 2.12 0.00	35.34 2.16 0.00	33.43 2.39 0.00	34.47 2.42 -0.24	36.81 2.73 0.00	41.01 3.35 -0.07	46.51 3.89 -0.78	57.82 4.43 -8.59	59.44 4.80 -6.59	60.69 5.00 -3.06	63.73 5.52 -0.13	77.51 6.59 -0.06	83.06 7.21 0.01	78.96 6.32 0.01	69.55 5.33 0.00	69.32 5.61 0.00	61.39 5.22 -2.36	54.00 4.95 -0.02	49.17 4.35 -0.02
GOWANUS_GT4_7 24136	47.06 3.77 -0.01	42.95 3.18 0.00	38.45 2.72 0.00	37.14 2.36 0.00	36.13 2.30 0.00	35.22 2.12 0.00	35.34 2.16 0.00	33.43 2.39 0.00	34.47 2.42 -0.24	36.81 2.73 0.00	41.01 3.35 -0.07	46.51 3.89 -0.78	57.82 4.43 -8.59	59.44 4.80 -6.59	60.69 5.00 -3.06	63.73 5.52 -0.13	77.51 6.59 -0.06	83.06 7.21 0.01	78.96 6.32 0.01	69.55 5.33 0.00	69.32 5.61 0.00	61.39 5.22 -2.36	54.00 4.95 -0.02	49.17 4.35 -0.02
GOWANUS_GT4_8 24137	47.06 3.77 -0.01	42.95 3.18 0.00	38.45 2.72 0.00	37.14 2.36 0.00	36.13 2.30 0.00	35.22 2.12 0.00	35.34 2.16 0.00	33.43 2.39 0.00	34.47 2.42 -0.24	36.81 2.73 0.00	41.01 3.35 -0.07	46.51 3.89 -0.78	57.82 4.43 -8.59	59.44 4.80 -6.59	60.69 5.00 -3.06	63.73 5.52 -0.13	77.51 6.59 -0.06	83.06 7.21 0.01	78.96 6.32 0.01	69.55 5.33 0.00	69.32 5.61 0.00	61.39 5.22 -2.36	54.00 4.95 -0.02	49.17 4.35 -0.02
GREENBSH_115KV_TB3 55895	44.41 1.13 0.00	40.84 1.07 0.00	36.67 0.93 0.00	35.68 0.90 0.00	34.68 0.85 0.00	33.90 0.79 0.00	33.95 0.76 0.00	31.75 0.71 0.00	32.35 0.54 0.00	34.56 0.48 0.00	38.24 0.64 0.00	42.64 0.79 0.00	45.78 0.99 0.00	49.06 1.01 0.00	53.79 1.16 0.00	59.59 1.51 0.00	72.84 1.98 0.00	77.99 2.12 0.00	74.69 2.03 0.00	66.14 1.93 0.00	65.63 1.91 0.00	62.23 1.72 -6.69	50.51 1.47 0.00	46.15 1.34 0.00
GREENDGE_115KV_TB5 80291	62.70 0.09 -19.33	56.21 0.08 -16.36	47.60 0.07 -11.79	41.61 -0.10 -6.94	33.88 -0.17 -0.21	33.86 -0.10 -0.85	34.04 0.00 -0.85	36.58 0.12 -5.42	32.86 -0.10 -1.15	36.14 0.00 -2.06	45.50 0.00 -7.90	58.87 -0.08 -17.11	63.19 -0.13 -18.53	66.39 -0.38 -18.73	76.21 -0.37 -23.94	87.33 -0.17 -29.42	104.39 -0.07 -33.60	112.82 0.53 -36.42	108.82 0.58 -35.58	88.30 0.51 -23.57	80.81 0.76 -16.33	75.55 0.75 -20.99	64.76 0.34 -15.39	60.82 0.22 -15.79
GREENIDGE___3 23582	62.70 0.09 -19.33	56.21 0.08 -16.36	47.60 0.07 -11.79	41.61 -0.10 -6.94	33.88 -0.17 -0.21	33.86 -0.10 -0.85	34.04 0.00 -0.85	36.58 0.12 -5.42	32.86 -0.10 -1.15	36.14 0.00 -2.06	45.50 0.00 -7.90	58.87 -0.08 -17.11	63.19 -0.13 -18.53	66.39 -0.38 -18.73	76.21 -0.37 -23.94	87.33 -0.17 -29.42	104.39 -0.07 -33.60	112.82 0.53 -36.42	108.82 0.58 -35.58	88.30 0.51 -23.57	80.81 0.76 -16.33	75.55 0.75 -20.99	64.76 0.34 -15.39	60.82 0.22 -15.79
GREENIDGE___4 23583	62.70 0.09 -19.33	56.21 0.08 -16.36	47.60 0.07 -11.79	41.61 -0.10 -6.94	33.88 -0.17 -0.21	33.86 -0.10 -0.85	34.04 0.00 -0.85	36.61 0.16 -5.42	32.86 -0.10 -1.15	36.14 0.00 -2.06	45.50 0.00 -7.90	58.87 -0.08 -17.11	63.19 -0.13 -18.53	66.78 0.00 -18.73	76.21 -0.37 -23.94	87.39 -0.12 -29.42	104.39 -0.07 -33.60	112.74 0.46 -36.42	108.75 0.51 -35.58	88.36 0.58 -23.57	80.81 0.77 -16.33	75.23 0.43 -20.99	64.77 0.35 -15.39	60.82 0.23 -15.79
GREENLWN_69_KV_BK 3 55738	47.01 3.72 0.00	43.03 3.26 0.00	38.20 2.47 0.00	36.93 2.16 0.00	36.07 2.23 0.00	34.99 1.89 0.00	35.08 1.89 0.00	33.36 2.33 0.00	34.69 2.89 0.01	37.01 2.93 0.00	44.71 3.61 -3.50	50.50 4.31 -4.35	51.60 4.66 -2.15	52.79 5.05 0.30	56.60 4.79 0.82	60.57 3.89 1.41	75.83 5.03 0.06	80.39 4.55 0.02	74.99 4.00 1.66	67.41 3.21 0.02	65.48 3.25 1.48	58.99 2.85 -2.32	52.52 3.48 0.00	48.70 3.90 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	47.06 3.77 -0.01	42.95 3.18 0.00	38.45 2.72 0.00	37.17 2.40 0.00	36.13 2.30 0.00	35.26 2.15 0.00	35.34 2.16 0.00	33.46 2.42 0.00	34.47 2.42 -0.24	36.81 2.73 0.00	41.01 3.35 -0.07	46.55 3.93 -0.78	57.82 4.43 -8.59	59.44 4.80 -6.59	60.69 5.00 -3.06	63.73 5.52 -0.13	77.58 6.66 -0.06	83.06 7.21 0.01	78.96 6.32 0.01	69.55 5.33 0.00	69.38 5.67 0.00	61.39 5.22 -2.36	54.00 4.95 -0.02	49.17 4.35 -0.02
GRISSOM___SOLAR 323813	45.24 1.95 0.00	41.52 1.75 0.00	37.27 1.54 0.00	36.34 1.57 0.00	35.25 1.42 0.00	34.49 1.39 0.00	34.25 1.06 0.00	31.72 0.68 0.00	32.03 0.22 0.00	34.18 0.10 0.00	37.71 0.11 0.00	42.01 0.17 0.00	45.20 0.40 0.00	48.87 0.82 0.00	53.95 1.32 0.00	60.12 2.03 0.00	73.70 2.91 0.06	79.78 3.94 0.02	76.71 4.07 0.01	68.39 4.17 0.00	68.11 4.39 0.00	67.90 3.55 -10.53	52.03 2.99 0.00	47.27 2.46 0.00
GROVEVILLE___HYD 323602	46.14 2.86 0.00	42.28 2.51 0.00	37.88 2.14 0.00	36.72 1.95 0.00	35.69 1.86 0.00	34.89 1.79 0.00	34.94 1.76 0.00	32.87 1.83 0.00	33.69 1.88 0.00	36.02 1.94 0.00	40.08 2.48 0.00	44.98 3.14 0.00	48.33 3.54 0.00	51.99 3.94 0.00	56.95 4.32 0.00	63.02 4.94 0.00	76.89 6.09 0.07	82.52 6.68 0.03	78.60 5.96 0.01	69.29 5.07 0.00	68.87 5.16 0.00	60.70 4.47 -2.42	53.06 4.02 0.00	48.21 3.41 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	42.81 -0.48 0.00	39.37 -0.40 0.00	35.42 -0.32 0.00	34.42 -0.35 0.00	33.46 -0.37 0.00	32.74 -0.36 0.00	32.82 -0.37 0.00	30.79 -0.25 0.00	31.49 -0.32 0.00	33.84 -0.24 0.00	37.26 -0.34 0.00	41.42 -0.42 0.00	44.30 -0.49 0.00	47.47 -0.58 0.00	52.05 -0.58 0.00	57.50 -0.58 0.00	70.15 -0.71 0.00	75.11 -0.76 0.00	71.86 -0.80 0.00	63.45 -0.77 0.00	63.01 -0.70 0.00	53.28 -0.54 0.00	48.35 -0.69 0.00	44.13 -0.67 0.00
HAMLTNNY_34_KV_TB 80303	42.72 -0.56 0.00	39.29 -0.48 0.00	35.38 -0.36 0.00	34.35 -0.42 0.00	33.39 -0.44 0.00	32.67 -0.43 0.00	32.75 -0.43 0.00	30.73 -0.31 0.00	31.43 -0.38 0.00	33.77 -0.31 0.00	37.22 -0.38 0.00	41.38 -0.46 0.00	44.21 -0.58 0.00	47.38 -0.67 0.00	51.89 -0.74 0.00	57.39 -0.70 0.00	69.94 -0.92 0.00	74.95 -0.91 0.00	71.71 -0.94 0.00	63.32 -0.90 0.00	62.89 -0.83 0.00	53.22 -0.59 0.00	48.30 -0.74 0.00	44.09 -0.72 0.00

HAMPSHIRE___PAPER_HYD 323593	42.81 -0.48 0.00	39.29 -0.48 0.00	35.20 -0.54 0.00	34.25 -0.52 0.00	33.36 -0.47 0.00	32.51 -0.59 0.00	32.59 -0.60 0.00	30.48 -0.56 0.00	31.33 -0.48 0.00	33.57 -0.51 0.00	37.11 -0.49 0.00	41.13 -0.71 0.00	43.77 -1.03 0.00	47.04 -1.01 0.00	51.68 -0.95 0.00	56.57 -1.51 0.00	69.23 -1.63 0.00	74.57 -1.29 0.00	71.27 -1.38 0.00	62.87 -1.35 0.00	62.18 -1.53 0.00	51.99 -1.83 0.00	47.37 -1.67 0.00	43.91 -0.90 0.00
HARDSCRABBLE_WT_PWR 323673	44.46 1.17 0.00	40.84 1.07 0.00	36.67 0.93 0.00	35.64 0.87 0.00	34.64 0.81 0.00	33.90 0.79 0.00	33.98 0.80 0.00	31.78 0.74 0.00	32.54 0.73 0.00	34.87 0.78 0.00	38.50 0.90 0.00	42.76 0.92 0.00	45.64 0.85 0.00	48.87 0.82 0.00	53.63 1.00 0.00	59.01 0.93 0.00	71.85 0.99 0.00	77.00 1.14 0.00	73.81 1.16 0.00	65.18 0.96 0.00	64.54 0.83 0.00	54.35 0.54 0.00	49.53 0.49 0.00	45.25 0.45 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	45.88 2.60 0.00	42.04 2.27 0.00	37.67 1.93 0.00	36.51 1.74 0.00	35.49 1.66 0.00	34.69 1.59 0.00	34.78 1.59 0.00	32.71 1.68 0.00	33.56 1.75 0.00	35.89 1.81 0.00	39.93 2.33 0.00	44.77 2.93 0.00	48.15 3.36 0.00	51.75 3.70 0.00	56.68 4.05 0.00	62.67 4.59 0.00	76.46 5.67 0.07	82.06 6.22 0.03	78.16 5.52 0.01	68.91 4.69 0.00	68.43 4.71 0.00	60.17 4.14 -2.22	52.71 3.68 0.00	47.94 3.14 0.00
HARSNRAD_115KV_TB1 81005	29.66 -4.76 8.87	28.13 -3.98 7.67	26.79 -3.54 5.41	27.90 -3.69 3.19	29.98 -3.76 0.10	29.10 -3.61 0.40	29.47 -3.32 0.40	25.67 -2.82 2.54	28.31 -2.96 0.54	30.10 -3.03 0.95	30.81 -3.16 3.63	30.22 -3.77 7.85	30.64 -4.52 9.63	31.64 -5.86 10.55	32.48 -6.53 13.62	33.98 -7.14 16.96	38.08 -9.28 23.49	42.23 -9.79 23.85	40.77 -9.23 22.66	41.52 -7.64 15.06	45.19 -7.45 11.07	36.65 -5.60 11.57	34.80 -5.34 8.89	32.69 -4.88 7.23
HARZA MOOSE___RIVER 24016	43.59 0.30 0.00	39.97 0.20 0.00	35.74 0.00 0.00	34.70 -0.07 0.00	33.77 -0.07 0.00	32.97 -0.13 0.00	33.08 -0.10 0.00	31.07 0.03 0.00	31.87 0.06 0.00	34.15 0.07 0.00	37.75 0.15 0.00	41.84 0.00 0.00	44.53 -0.27 0.00	47.86 -0.19 0.00	52.73 0.11 0.00	57.62 -0.46 0.00	70.65 -0.21 0.00	75.94 0.08 0.00	72.51 -0.15 0.00	64.03 -0.19 0.00	63.33 -0.38 0.00	53.01 -0.81 0.00	48.30 -0.74 0.00	44.67 -0.13 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	42.51 -0.78 0.00	39.09 -0.68 0.00	35.17 -0.57 0.00	34.18 -0.59 0.00	33.22 -0.61 0.00	32.51 -0.60 0.00	32.62 -0.56 0.00	30.60 -0.43 0.00	31.30 -0.51 0.00	33.60 -0.48 0.00	37.00 -0.60 0.00	41.13 -0.71 0.00	43.57 -0.81 0.42	46.41 -0.91 0.73	50.64 -1.00 0.98	55.79 -0.99 1.30	67.53 -1.28 2.05	72.28 -1.29 2.29	69.19 -1.31 2.15	61.41 -1.22 1.59	61.23 -1.15 1.34	51.93 -0.91 0.97	47.37 -0.98 0.69	43.82 -0.99 0.00
HELLGATE_13_KV_LD 55870	47.05 3.77 0.00	42.95 3.18 0.00	38.49 2.75 0.00	37.17 2.40 0.00	36.17 2.33 0.00	35.36 2.25 0.00	35.47 2.29 0.00	33.55 2.51 0.00	34.66 2.61 -0.24	36.88 2.79 0.00	41.05 3.38 -0.07	46.67 4.06 -0.78	57.91 4.52 -8.59	59.54 4.90 -6.59	60.74 5.05 -3.06	63.85 5.63 -0.13	77.65 6.73 -0.06	83.14 7.28 0.01	79.03 6.39 0.01	69.67 5.46 0.01	69.45 5.73 0.00	61.34 5.17 -2.36	53.91 4.85 -0.02	49.11 4.30 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	47.05 3.77 0.00	42.95 3.18 0.00	38.49 2.75 0.00	37.17 2.40 0.00	36.17 2.33 0.00	35.36 2.25 0.00	35.47 2.29 0.00	33.55 2.51 0.00	34.66 2.61 -0.24	36.88 2.79 0.00	41.05 3.38 -0.07	46.67 4.06 -0.78	57.91 4.52 -8.59	59.54 4.90 -6.59	60.74 5.05 -3.06	63.85 5.63 -0.13	77.65 6.73 -0.06	83.14 7.28 0.01	79.03 6.39 0.01	69.67 5.46 0.01	69.45 5.73 0.00	61.34 5.17 -2.36	53.91 4.85 -0.02	49.11 4.30 -0.01
HEMPSTEAD____ 23647	46.88 3.59 0.00	42.91 3.14 0.00	38.17 2.43 0.00	36.89 2.12 0.00	35.97 2.13 0.00	34.96 1.85 0.00	35.07 1.89 0.00	33.27 2.24 0.00	34.54 2.74 0.00	36.84 2.76 0.00	44.55 3.46 -3.50	50.33 4.14 -4.35	51.56 4.61 -2.15	53.04 4.85 -0.14	58.06 5.37 -0.06	62.78 4.70 0.01	76.66 5.88 0.07	81.83 5.99 0.03	77.79 5.16 0.02	68.52 4.30 0.01	67.27 4.39 0.83	60.13 3.98 -2.33	52.96 3.92 0.00	48.66 3.85 0.00
HICKLING___1 23621	50.65 -0.48 -7.84	45.96 -0.44 -6.63	40.13 -0.39 -4.78	37.03 -0.56 -2.81	33.31 -0.61 -0.09	32.92 -0.53 -0.35	33.13 -0.40 -0.35	32.98 -0.25 -2.20	31.86 -0.41 -0.47	34.61 -0.31 -0.84	40.54 -0.26 -3.20	48.44 -0.33 -6.94	51.57 -0.45 -7.22	54.38 -0.82 -7.15	60.70 -0.89 -8.96	68.52 -0.81 -11.25	81.27 -0.99 -11.41	87.94 -0.68 -12.76	84.52 -0.73 -12.59	72.40 -0.51 -8.69	69.21 -0.38 -5.88	62.18 -0.11 -8.47	54.52 -0.39 -5.88	50.84 -0.40 -6.44
HICKLING___2 23622	50.65 -0.48 -7.84	45.96 -0.44 -6.63	40.13 -0.39 -4.78	37.03 -0.56 -2.81	33.31 -0.61 -0.09	32.92 -0.53 -0.35	33.13 -0.40 -0.35	32.98 -0.25 -2.20	31.86 -0.41 -0.47	34.61 -0.31 -0.84	40.54 -0.26 -3.20	48.44 -0.33 -6.94	51.57 -0.45 -7.22	54.38 -0.82 -7.15	60.70 -0.89 -8.96	68.52 -0.81 -11.25	81.27 -0.99 -11.41	87.94 -0.68 -12.76	84.52 -0.73 -12.59	72.40 -0.51 -8.69	69.21 -0.38 -5.88	62.18 -0.11 -8.47	54.52 -0.39 -5.88	50.84 -0.40 -6.44
HIGH FALLS___HY 23754	46.10 2.81 0.00	42.24 2.47 0.00	37.85 2.11 0.00	36.65 1.88 0.00	35.63 1.79 0.00	34.83 1.72 0.00	34.88 1.69 0.00	32.81 1.77 0.00	33.69 1.88 0.00	36.02 1.94 0.00	40.04 2.44 0.00	44.94 3.10 0.00	48.29 3.49 0.00	51.94 3.89 0.00	56.95 4.32 0.00	62.96 4.88 0.00	76.89 6.09 0.07	82.67 6.83 0.03	78.67 6.03 0.01	69.36 5.14 0.00	68.87 5.16 0.00	61.07 4.47 -2.79	53.01 3.97 0.00	48.12 3.32 0.00
HIGH_RIVER___SOLAR 323847	44.84 1.56 0.00	41.20 1.43 0.00	36.99 1.25 0.00	36.02 1.25 0.00	34.98 1.15 0.00	34.23 1.13 0.00	34.15 0.96 0.00	31.78 0.74 0.00	32.29 0.48 0.00	34.52 0.44 0.00	38.01 0.41 0.00	42.43 0.59 0.00	45.56 0.76 0.00	49.01 0.96 0.00	53.89 1.26 0.00	59.77 1.69 0.00	73.34 2.48 0.00	78.98 3.11 0.00	75.85 3.19 0.00	67.36 3.15 0.00	66.96 3.25 0.00	67.48 2.69 -10.98	51.34 2.31 0.00	46.73 1.93 0.00
HILLBURN___GT 23639	45.97 2.68 0.00	42.08 2.31 0.00	37.70 1.96 0.00	36.54 1.77 0.00	35.52 1.69 0.00	34.73 1.62 0.00	34.84 1.66 0.00	32.80 1.77 0.00	33.69 1.88 0.00	36.02 1.94 0.00	40.04 2.44 0.00	44.94 3.10 0.00	48.29 3.50 0.00	51.70 3.65 0.00	56.84 4.21 0.00	62.73 4.65 0.00	76.39 5.60 0.07	81.91 6.07 0.03	78.09 5.45 0.01	68.97 4.75 0.00	68.49 4.78 0.00	60.20 4.14 -2.24	52.81 3.78 0.00	48.03 3.23 0.00
HILLSIDE_115KV_TB1 80332	48.86 -0.74 -6.31	44.47 -0.64 -5.34	39.01 -0.57 -3.85	36.34 -0.70 -2.26	33.16 -0.74 -0.07	32.72 -0.66 -0.28	32.90 -0.56 -0.28	32.40 -0.40 -1.77	31.61 -0.57 -0.37	34.24 -0.51 -0.67	39.69 -0.49 -2.58	46.84 -0.59 -5.58	49.87 -0.72 -5.80	52.68 -1.06 -5.69	58.74 -1.16 -7.26	65.84 -1.16 -8.91	78.65 -1.42 -9.21	85.01 -1.21 -10.36	81.67 -1.24 -10.25	70.21 -0.83 -6.82	67.54 -0.76 -4.59	60.21 -0.48 -6.88	53.01 -0.69 -4.66	49.28 -0.72 -5.19

HISHELDN_WT_PWR 323625	13.26 -3.85 26.17	14.22 -3.38 22.17	16.73 -3.04 15.97	22.21 -3.16 9.40	30.33 -3.21 0.29	28.91 -3.05 1.15	29.24 -2.79 1.15	21.36 -2.33 7.34	27.74 -2.51 1.56	28.77 -2.52 2.79	24.19 -2.71 10.70	15.49 -3.18 23.17	14.72 -3.72 26.35	16.68 -3.85 27.53	12.31 -5.31 35.01	9.30 -5.58 43.21	9.37 -7.09 54.41	11.83 -7.21 56.83	10.97 -6.90 54.78	22.25 -5.72 36.25	32.28 -5.61 25.83	19.36 -4.74 29.72	22.49 -3.92 22.62	20.11 -3.59 21.11
HOLTSVILLE_IC_1 23690	47.44 4.16 0.00	43.59 3.82 0.00	38.67 2.93 0.00	37.38 2.61 0.00	36.54 2.71 0.00	35.42 2.32 0.00	35.51 2.32 0.00	33.77 2.73 0.00	35.15 3.34 0.00	37.52 3.44 0.00	45.04 3.95 -3.50	50.87 4.69 -4.35	52.09 5.15 -2.15	55.37 5.09 -2.23	60.18 5.47 -2.08	64.21 4.36 -1.77	76.30 5.53 0.08	81.21 5.39 0.04	79.45 4.87 -1.93	68.21 3.98 0.00	65.25 3.50 1.96	59.92 3.77 -2.34	53.00 3.97 0.00	48.92 4.12 0.00
HOLTSVILLE_IC_10 23699	47.75 4.46 0.00	43.83 4.06 0.00	38.85 3.11 0.00	37.55 2.78 0.00	36.71 2.87 0.00	35.59 2.48 0.00	35.67 2.49 0.00	33.95 2.92 0.00	35.34 3.53 0.00	37.76 3.68 0.00	45.31 4.21 -3.50	51.21 5.02 -4.35	52.49 5.55 -2.15	56.02 5.57 -2.39	60.81 6.00 -2.18	64.68 4.88 -1.72	76.94 6.16 0.08	81.89 6.07 0.04	79.83 5.59 -1.58	68.78 4.56 0.00	65.83 4.02 1.90	60.35 4.20 -2.34	53.40 4.36 0.00	49.24 4.44 0.00
HOLTSVILLE_IC_2 23691	47.44 4.16 0.00	43.59 3.82 0.00	38.67 2.93 0.00	37.38 2.61 0.00	36.54 2.71 0.00	35.42 2.32 0.00	35.51 2.32 0.00	33.77 2.73 0.00	35.15 3.34 0.00	37.52 3.44 0.00	45.04 3.95 -3.50	50.87 4.69 -4.35	52.09 5.15 -2.15	55.37 5.09 -2.23	60.18 5.47 -2.08	64.21 4.36 -1.77	76.30 5.53 0.08	81.21 5.39 0.04	79.45 4.87 -1.93	68.21 3.98 0.00	65.25 3.50 1.96	59.92 3.77 -2.34	53.00 3.97 0.00	48.92 4.12 0.00
HOLTSVILLE_IC_3 23692	47.44 4.16 0.00	43.59 3.82 0.00	38.67 2.93 0.00	37.38 2.61 0.00	36.54 2.71 0.00	35.42 2.32 0.00	35.51 2.32 0.00	33.77 2.73 0.00	35.15 3.34 0.00	37.52 3.44 0.00	45.04 3.95 -3.50	50.87 4.69 -4.35	52.09 5.15 -2.15	55.37 5.09 -2.23	60.18 5.47 -2.08	64.21 4.36 -1.77	76.30 5.53 0.08	81.21 5.39 0.04	79.45 4.87 -1.93	68.21 3.98 0.00	65.25 3.50 1.96	59.92 3.77 -2.34	53.00 3.97 0.00	48.92 4.12 0.00
HOLTSVILLE_IC_4 23693	47.44 4.16 0.00	43.59 3.82 0.00	38.67 2.93 0.00	37.38 2.61 0.00	36.54 2.71 0.00	35.42 2.32 0.00	35.51 2.32 0.00	33.77 2.73 0.00	35.15 3.34 0.00	37.52 3.44 0.00	45.04 3.95 -3.50	50.87 4.69 -4.35	52.09 5.15 -2.15	55.37 5.09 -2.23	60.18 5.47 -2.08	64.21 4.36 -1.77	76.30 5.53 0.08	81.21 5.39 0.04	79.45 4.87 -1.93	68.21 3.98 0.00	65.25 3.50 1.96	59.92 3.77 -2.34	53.00 3.97 0.00	48.92 4.12 0.00
HOLTSVILLE_IC_5 23694	47.44 4.16 0.00	43.59 3.82 0.00	38.67 2.93 0.00	37.38 2.61 0.00	36.54 2.71 0.00	35.42 2.32 0.00	35.51 2.32 0.00	33.77 2.73 0.00	35.15 3.34 0.00	37.52 3.44 0.00	45.04 3.95 -3.50	50.87 4.69 -4.35	52.09 5.15 -2.15	55.37 5.09 -2.23	60.18 5.47 -2.08	64.21 4.36 -1.77	76.30 5.53 0.08	81.21 5.39 0.04	79.45 4.87 -1.93	68.21 3.98 0.00	65.25 3.50 1.96	59.92 3.77 -2.34	53.00 3.97 0.00	48.92 4.12 0.00
HOLTSVILLE_IC_6 23695	47.75 4.46 0.00	43.83 4.06 0.00	38.85 3.11 0.00	37.55 2.78 0.00	36.71 2.87 0.00	35.59 2.48 0.00	35.67 2.49 0.00	33.95 2.92 0.00	35.34 3.53 0.00	37.76 3.68 0.00	45.31 4.21 -3.50	51.21 5.02 -4.35	52.49 5.55 -2.15	56.02 5.57 -2.39	60.81 6.00 -2.18	64.68 4.88 -1.72	76.94 6.16 0.08	81.89 6.07 0.04	79.83 5.59 -1.58	68.78 4.56 0.00	65.83 4.02 1.90	60.35 4.20 -2.34	53.40 4.36 0.00	49.24 4.44 0.00
HOLTSVILLE_IC_7 23696	47.75 4.46 0.00	43.83 4.06 0.00	38.85 3.11 0.00	37.55 2.78 0.00	36.71 2.87 0.00	35.59 2.48 0.00	35.67 2.49 0.00	33.95 2.92 0.00	35.34 3.53 0.00	37.76 3.68 0.00	45.31 4.21 -3.50	51.21 5.02 -4.35	52.49 5.55 -2.15	56.02 5.57 -2.39	60.81 6.00 -2.18	64.68 4.88 -1.72	76.94 6.16 0.08	81.89 6.07 0.04	79.83 5.59 -1.58	68.78 4.56 0.00	65.83 4.02 1.90	60.35 4.20 -2.34	53.40 4.36 0.00	49.24 4.44 0.00
HOLTSVILLE_IC_8 23697	47.75 4.46 0.00	43.83 4.06 0.00	38.85 3.11 0.00	37.55 2.78 0.00	36.71 2.87 0.00	35.59 2.48 0.00	35.67 2.49 0.00	33.95 2.92 0.00	35.34 3.53 0.00	37.76 3.68 0.00	45.31 4.21 -3.50	51.21 5.02 -4.35	52.49 5.55 -2.15	56.02 5.57 -2.39	60.81 6.00 -2.18	64.68 4.88 -1.72	76.94 6.16 0.08	81.89 6.07 0.04	79.83 5.59 -1.58	68.78 4.56 0.00	65.83 4.02 1.90	60.35 4.20 -2.34	53.40 4.36 0.00	49.24 4.44 0.00
HOLTSVILLE_IC_9 23698	47.75 4.46 0.00	43.83 4.06 0.00	38.85 3.11 0.00	37.55 2.78 0.00	36.71 2.87 0.00	35.59 2.48 0.00	35.67 2.49 0.00	33.95 2.92 0.00	35.34 3.53 0.00	37.76 3.68 0.00	45.31 4.21 -3.50	51.21 5.02 -4.35	52.49 5.55 -2.15	56.02 5.57 -2.39	60.81 6.00 -2.18	64.68 4.88 -1.72	76.94 6.16 0.08	81.89 6.07 0.04	79.83 5.59 -1.58	68.78 4.56 0.00	65.83 4.02 1.90	60.35 4.20 -2.34	53.40 4.36 0.00	49.24 4.44 0.00
HOMER_HL_115KV_TB2 355744	31.35 -2.25 9.68	29.74 -1.79 8.24	28.26 -1.57 5.91	29.59 -1.70 3.48	32.00 -1.73 0.11	30.99 -1.69 0.43	31.33 -1.43 0.43	27.22 -1.09 2.73	30.02 -1.21 0.58	31.92 -1.12 1.03	32.62 -1.02 3.96	31.93 -1.34 8.57	32.67 -1.84 10.29	34.28 -2.64 11.12	35.50 -3.11 14.02	37.35 -3.31 17.42	42.40 -4.32 24.14	47.35 -4.25 24.26	45.59 -4.00 23.07	46.06 -2.89 15.27	49.69 -2.87 11.15	39.98 -2.04 11.79	37.69 -2.21 9.13	35.06 -2.06 7.68
HOWARD_WT_PWR 323690	81.39 -2.25 -40.35	71.68 -2.23 -34.13	58.22 -2.14 -24.62	46.83 -2.43 -14.49	31.88 -2.40 -0.44	32.76 -2.12 -1.78	33.30 -1.66 -1.78	40.98 -1.36 -11.31	32.58 -1.62 -2.40	36.75 -1.64 -4.30	52.26 -1.84 -16.50	75.35 -2.22 -35.73	81.11 -2.55 -38.87	84.75 -2.69 -39.40	99.01 -4.00 -50.38	115.95 -4.01 -61.87	137.57 -4.75 -71.46	148.55 -4.48 -77.16	143.80 -4.14 -75.28	110.74 -3.27 -49.79	95.25 -3.06 -34.59	94.67 -2.69 -43.55	79.39 -2.01 -32.36	75.98 -1.75 -32.93
HQ_GEN_CEDARS 23644	42.72 -0.56 0.00	39.25 -0.52 0.00	35.27 -0.46 0.00	34.39 -0.38 0.00	33.53 -0.30 0.00	32.74 -0.36 0.00	32.85 -0.33 0.00	30.60 -0.43 0.00	31.49 -0.32 0.00	33.81 -0.27 0.00	37.34 -0.26 0.00	41.38 -0.46 0.00	44.30 -0.49 0.00	47.57 -0.48 0.00	52.05 -0.58 0.00	57.15 -0.93 0.00	69.65 -1.20 0.00	74.80 -1.06 0.00	71.64 -1.02 0.00	63.13 -1.09 0.00	62.69 -1.02 0.00	52.47 -1.35 0.00	48.01 -1.03 0.00	44.27 -0.54 0.00
HQ_GEN_CEDARS_PROXY 323590	42.72 -0.56 0.00	39.25 -0.52 0.00	35.27 -0.47 0.00	34.39 -0.38 0.00	33.53 -0.31 0.00	32.74 -0.36 0.00	32.85 -0.33 0.00	30.60 -0.43 0.00	31.49 -0.32 0.00	33.81 -0.27 0.00	37.34 -0.26 0.00	41.38 -0.46 0.00	44.30 -0.49 0.00	47.57 -0.48 0.00	51.94 -0.69 0.00	57.15 -0.93 0.00	69.72 -1.14 0.00	72.20 -1.06 2.61	73.08 -1.02 -1.44	67.77 -1.09 -4.65	59.15 -1.08 3.48	52.68 -1.13 0.00	48.05 -0.98 0.00	44.27 -0.54 0.00

HQ_GEN_CHPE_PROXY 323851	46.62 3.33 0.00	42.59 2.82 0.00	38.17 2.43 0.00	36.93 2.16 0.00	35.93 2.10 0.00	35.12 2.02 0.00	35.24 2.06 0.00	33.33 2.30 0.00	34.46 2.42 -0.23	36.60 2.52 0.00	40.75 3.08 -0.07	46.36 3.77 -0.75	57.35 4.21 -8.35	58.83 4.37 -6.41	60.55 4.95 -2.97	63.61 5.40 -0.12	77.43 6.51 -0.06	80.31 7.06 2.62	80.40 6.32 -1.42	74.26 5.40 -4.65	65.78 5.54 3.48	61.12 4.95 -2.36	53.56 4.51 -0.02	48.71 3.90 -0.01
HQ_GEN_IMPORT 323601	43.07 -0.22 0.00	39.53 -0.24 0.00	35.53 -0.21 0.00	34.60 -0.17 0.00	33.70 -0.13 0.00	32.97 -0.13 0.00	33.05 -0.13 0.00	30.82 -0.22 0.00	31.68 -0.13 0.00	33.98 -0.10 0.00	37.49 -0.11 0.00	41.67 -0.17 0.00	44.62 -0.18 0.00	47.86 -0.19 0.00	52.37 -0.26 0.00	57.74 -0.35 0.00	70.44 -0.42 0.00	72.73 -0.53 2.61	73.66 -0.43 -1.44	68.42 -0.45 -4.65	59.79 -0.44 3.48	53.44 -0.37 0.00	48.69 -0.34 0.00	44.58 -0.22 0.00
HQ_GEN_WHEEL 23651	43.07 -0.22 0.00	39.53 -0.24 0.00	35.53 -0.21 0.00	34.60 -0.17 0.00	33.70 -0.13 0.00	32.97 -0.13 0.00	33.05 -0.13 0.00	30.82 -0.22 0.00	31.68 -0.13 0.00	33.98 -0.10 0.00	37.49 -0.11 0.00	41.67 -0.17 0.00	44.62 -0.18 0.00	47.86 -0.19 0.00	52.37 -0.26 0.00	57.74 -0.35 0.00	70.44 -0.42 0.00	72.73 -0.53 2.61	73.66 -0.43 -1.44	68.42 -0.45 -4.65	59.79 -0.44 3.48	53.44 -0.37 0.00	48.69 -0.34 0.00	44.58 -0.22 0.00
HUDSON_AVE_GT_3 23810	46.71 3.42 0.00	42.71 2.94 0.00	38.28 2.54 0.00	37.03 2.26 0.00	36.00 2.17 0.00	35.19 2.09 0.00	35.34 2.16 0.00	33.39 2.36 0.00	34.54 2.51 -0.22	36.71 2.62 0.00	40.86 3.20 -0.06	46.48 3.93 -0.71	57.05 4.39 -7.86	58.89 4.80 -6.03	60.48 5.05 -2.80	63.84 5.63 -0.12	77.71 6.80 -0.05	83.21 7.36 0.01	79.25 6.61 0.01	69.87 5.65 0.00	69.51 5.80 0.00	61.29 5.11 -2.36	53.76 4.71 -0.01	48.84 4.03 -0.01
HUDSON_AVE_GT_4 23540	46.71 3.42 0.00	42.71 2.94 0.00	38.28 2.54 0.00	37.03 2.26 0.00	36.00 2.17 0.00	35.19 2.09 0.00	35.34 2.16 0.00	33.39 2.36 0.00	34.54 2.51 -0.22	36.71 2.62 0.00	40.86 3.20 -0.06	46.48 3.93 -0.71	57.05 4.39 -7.86	58.89 4.80 -6.03	60.48 5.05 -2.80	63.84 5.63 -0.12	77.71 6.80 -0.05	83.21 7.36 0.01	79.25 6.61 0.01	69.87 5.65 0.00	69.51 5.80 0.00	61.29 5.11 -2.36	53.76 4.71 -0.01	48.84 4.03 -0.01
HUDSON_AVE_GT_5 23657	46.71 3.42 0.00	42.71 2.94 0.00	38.28 2.54 0.00	37.03 2.26 0.00	36.00 2.17 0.00	35.19 2.09 0.00	35.34 2.16 0.00	33.39 2.36 0.00	34.54 2.51 -0.22	36.71 2.62 0.00	40.86 3.20 -0.06	46.48 3.93 -0.71	57.05 4.39 -7.86	58.89 4.80 -6.03	60.48 5.05 -2.80	63.84 5.63 -0.12	77.71 6.80 -0.05	83.21 7.36 0.01	79.25 6.61 0.01	69.87 5.65 0.00	69.51 5.80 0.00	61.29 5.11 -2.36	53.76 4.71 -0.01	48.84 4.03 -0.01
HUDSON_AVE_10 24168	46.66 3.38 0.00	42.63 2.86 0.00	38.20 2.47 0.00	36.96 2.19 0.00	35.93 2.10 0.00	35.12 2.02 0.00	35.31 2.12 0.00	33.39 2.36 0.00	34.54 2.51 -0.22	36.67 2.59 0.00	40.86 3.20 -0.06	46.44 3.89 -0.71	57.05 4.39 -7.86	58.84 4.76 -6.03	60.48 5.05 -2.80	63.78 5.58 -0.12	77.71 6.80 -0.05	83.14 7.28 0.01	79.18 6.54 0.01	69.80 5.59 0.00	69.45 5.73 0.00	61.29 5.11 -2.36	53.71 4.66 -0.01	48.80 3.99 -0.01
HUDSON___115KV_TB 4 355613	45.15 1.86 0.00	41.48 1.71 0.00	37.24 1.50 0.00	36.27 1.50 0.00	35.19 1.35 0.00	34.40 1.29 0.00	34.38 1.19 0.00	32.06 1.02 0.00	32.54 0.73 0.00	34.73 0.65 0.00	38.43 0.83 0.00	42.89 1.05 0.00	46.05 1.25 0.00	49.49 1.44 0.00	54.42 1.79 0.00	60.47 2.38 0.00	74.05 3.19 0.00	79.66 3.79 0.00	76.36 3.71 0.00	67.75 3.53 0.00	67.35 3.63 0.00	62.57 2.91 -5.85	51.63 2.60 0.00	47.09 2.29 0.00
HUNTER MOUNT___DRP 323613	45.24 1.95 0.00	41.60 1.83 0.00	37.31 1.57 0.00	36.34 1.56 0.00	35.25 1.42 0.00	34.43 1.32 0.00	34.38 1.19 0.00	32.03 0.99 0.00	32.48 0.67 0.00	34.66 0.58 0.00	38.35 0.75 0.00	42.80 0.96 0.00	46.00 1.21 0.00	49.44 1.39 0.00	54.47 1.84 0.00	60.52 2.44 0.00	74.26 3.40 0.00	79.96 4.10 0.00	76.65 4.00 0.00	67.88 3.66 0.00	67.47 3.76 0.00	61.94 2.85 -5.27	51.73 2.70 0.00	47.18 2.37 0.00
HUNTINGTON_RES_REC 323705	47.36 4.07 0.00	43.39 3.62 0.00	38.49 2.75 0.00	37.17 2.40 0.00	36.34 2.50 0.00	35.25 2.15 0.00	35.34 2.16 0.00	33.61 2.57 0.00	34.99 3.18 0.00	37.35 3.27 0.00	45.04 3.95 -3.50	50.91 4.73 -4.35	52.13 5.19 -2.15	58.63 5.09 -5.49	62.46 5.47 -4.36	61.93 4.41 0.57	76.39 5.60 0.07	81.37 5.54 0.03	76.99 4.79 0.46	68.06 3.85 0.01	65.69 3.63 1.65	59.69 3.55 -2.33	52.91 3.87 0.00	48.92 4.12 0.00
HUNTLEY___63 23557	29.00 -4.55 9.75	27.62 -3.82 8.33	26.43 -3.36 5.95	27.76 -3.51 3.50	29.93 -3.79 0.11	29.19 -3.48 0.43	29.47 -3.29 0.43	25.61 -2.67 2.76	28.39 -2.83 0.58	30.21 -2.83 1.04	30.72 -2.90 3.99	29.78 -3.43 8.63	30.16 -4.17 10.47	31.23 -5.43 11.39	32.15 -6.05 14.43	33.46 -6.68 17.94	37.33 -8.50 25.03	41.60 -9.10 25.16	39.96 -8.79 23.90	41.12 -7.26 15.84	45.03 -7.07 11.61	36.30 -5.27 12.24	34.63 -5.00 9.41	32.47 -4.57 7.77
HUNTLEY___64 23558	29.00 -4.55 9.75	27.62 -3.82 8.33	26.43 -3.36 5.95	27.76 -3.51 3.50	29.93 -3.79 0.11	29.19 -3.48 0.43	29.47 -3.29 0.43	25.61 -2.67 2.76	28.39 -2.83 0.58	30.21 -2.83 1.04	30.72 -2.90 3.99	29.78 -3.43 8.63	30.16 -4.17 10.47	31.23 -5.43 11.39	32.15 -6.05 14.43	33.46 -6.68 17.94	37.33 -8.50 25.03	41.60 -9.10 25.16	39.96 -8.79 23.90	41.12 -7.26 15.84	45.03 -7.07 11.61	36.30 -5.27 12.24	34.63 -5.00 9.41	32.47 -4.57 7.77
HUNTLEY___65 23559	29.00 -4.55 9.75	27.62 -3.82 8.33	26.43 -3.36 5.95	27.76 -3.51 3.50	29.93 -3.79 0.11	29.19 -3.48 0.43	29.47 -3.29 0.43	25.61 -2.67 2.76	28.39 -2.83 0.58	30.21 -2.83 1.04	30.72 -2.90 3.99	29.78 -3.43 8.63	30.16 -4.17 10.47	31.23 -5.43 11.39	32.15 -6.05 14.43	33.46 -6.68 17.94	37.33 -8.50 25.03	41.60 -9.10 25.16	39.96 -8.79 23.90	41.12 -7.26 15.84	45.03 -7.07 11.61	36.30 -5.27 12.24	34.63 -5.00 9.41	32.47 -4.57 7.77
HUNTLEY___66 23560	29.00 -4.55 9.75	27.62 -3.82 8.33	26.43 -3.36 5.95	27.76 -3.51 3.50	29.93 -3.79 0.11	29.19 -3.48 0.43	29.47 -3.29 0.43	25.61 -2.67 2.76	28.39 -2.83 0.58	30.21 -2.83 1.04	30.72 -2.90 3.99	29.78 -3.43 8.63	30.16 -4.17 10.47	31.23 -5.43 11.39	32.15 -6.05 14.43	33.46 -6.68 17.94	37.33 -8.50 25.03	41.60 -9.10 25.16	39.96 -8.79 23.90	41.12 -7.26 15.84	45.03 -7.07 11.61	36.30 -5.27 12.24	34.63 -5.00 9.41	32.47 -4.57 7.77
HUNTLEY___67 23561	27.55 -4.63 11.11	26.47 -3.90 9.40	25.46 -3.50 6.78	27.17 -3.62 3.99	30.06 -3.65 0.12	29.07 -3.54 0.49	29.44 -3.25 0.49	25.19 -2.73 3.11	28.25 -2.89 0.66	29.97 -2.93 1.18	30.01 -3.05 4.54	28.41 -3.60 9.83	28.67 -4.35 11.78	29.76 -5.57 12.72	30.85 -6.21 15.57	31.95 -6.80 19.34	34.96 -8.64 27.25	39.65 -9.18 27.04	38.19 -8.79 25.68	39.98 -7.26 16.98	44.23 -7.07 12.41	35.27 -5.33 13.22	33.79 -5.10 10.15	31.64 -4.66 8.50

HUNTLEY___68 23562	27.55 -4.63 11.11	26.47 -3.90 9.40	25.46 -3.50 6.78	27.17 -3.62 3.99	30.06 -3.65 0.12	29.07 -3.54 0.49	29.44 -3.25 0.49	25.19 -2.73 3.11	28.25 -2.89 0.66	29.97 -2.93 1.18	30.01 -3.05 4.54	28.41 -3.60 9.83	28.67 -4.35 11.78	29.76 -5.57 12.72	30.85 -6.21 15.57	31.95 -6.80 19.34	34.96 -8.64 27.25	39.65 -9.18 27.04	38.19 -8.79 25.68	39.98 -7.26 16.98	44.23 -7.07 12.41	35.27 -5.33 13.22	33.79 -5.10 10.15	31.64 -4.66 8.50
HYLAND___LFGE 323620	78.15 -1.04 -35.90	69.14 -0.99 -30.36	56.93 -0.71 -21.91	46.73 -0.94 -12.89	33.28 -0.95 -0.40	33.79 -0.89 -1.58	33.94 -0.83 -1.58	40.22 -0.87 -10.06	32.48 -1.46 -2.13	36.17 -1.74 -3.83	50.02 -2.25 -14.68	70.82 -2.80 -31.79	75.93 -3.14 -34.27	79.38 -3.17 -34.50	87.38 -9.32 -44.07	102.24 -9.87 -54.03	121.34 -11.76 -62.24	131.40 -11.46 -66.99	127.94 -10.10 -65.39	99.19 -8.09 -43.07	85.87 -7.58 -29.74	85.87 -5.86 -37.92	76.50 -0.79 -28.25	73.14 -0.94 -29.28
INDECK___CORINTH 23802	44.71 1.43 0.00	41.16 1.39 0.00	36.92 1.18 0.00	36.02 1.25 0.00	34.88 1.05 0.00	34.16 1.06 0.00	34.15 0.96 0.00	31.87 0.84 0.00	32.32 0.51 0.00	34.56 0.48 0.00	38.01 0.41 0.00	42.22 0.38 0.00	45.20 0.40 0.00	48.72 0.67 0.00	53.63 1.00 0.00	59.89 1.80 0.00	74.12 3.26 0.00	79.88 4.02 0.00	76.79 4.14 0.00	68.20 3.98 0.00	67.92 4.20 0.00	67.88 3.45 -10.61	51.78 2.74 0.00	47.00 2.19 0.00
INDECK___ILION 23567	44.02 0.74 0.00	40.45 0.68 0.00	36.31 0.57 0.00	35.33 0.56 0.00	34.37 0.54 0.00	33.60 0.50 0.00	33.68 0.50 0.00	31.53 0.50 0.00	32.25 0.45 0.00	34.56 0.48 0.00	38.16 0.56 0.00	42.43 0.59 0.00	45.38 0.58 0.00	48.63 0.58 0.00	53.31 0.68 0.00	58.78 0.70 0.00	71.64 0.78 0.00	76.78 0.91 0.00	73.53 0.87 0.00	64.99 0.77 0.00	64.35 0.64 0.00	54.30 0.48 0.00	49.48 0.44 0.00	45.21 0.40 0.00
INDECK___OLEAN 23982	31.35 -2.25 9.68	29.74 -1.79 8.24	28.26 -1.57 5.91	29.59 -1.70 3.48	32.00 -1.72 0.11	30.99 -1.69 0.43	31.33 -1.43 0.43	27.22 -1.09 2.73	30.02 -1.21 0.58	31.92 -1.12 1.03	32.63 -1.01 3.96	31.93 -1.34 8.57	32.66 -1.84 10.29	35.00 -1.92 11.12	35.55 -3.05 14.02	37.35 -3.31 17.42	42.40 -4.32 24.14	47.43 -4.17 24.26	45.59 -4.00 23.07	46.12 -2.82 15.27	49.69 -2.87 11.15	39.44 -2.58 11.79	37.70 -2.21 9.13	35.06 -2.06 7.68
INDECK___OSWEGO 23783	42.25 -1.04 0.00	38.82 -0.95 0.00	34.95 -0.79 0.00	34.01 -0.77 0.00	33.06 -0.78 0.00	32.34 -0.76 0.00	32.39 -0.80 0.00	30.38 -0.65 0.00	31.08 -0.73 0.00	33.36 -0.72 0.00	36.66 -0.94 0.00	40.71 -1.13 0.00	44.76 -1.30 -1.27	48.90 -1.35 -2.20	54.14 -1.47 -2.98	60.40 -1.63 -3.94	75.08 -1.98 -6.21	80.76 -2.04 -6.94	77.14 -2.03 -6.52	67.23 -1.80 -4.81	65.98 -1.78 -4.05	55.18 -1.56 -2.93	49.64 -1.47 -2.08	43.46 -1.34 0.00
INDECK___YERKES 23781	29.00 -4.54 9.75	27.66 -3.78 8.33	26.43 -3.36 5.95	27.79 -3.48 3.50	29.94 -3.79 0.11	29.20 -3.48 0.43	29.50 -3.25 0.43	25.64 -2.64 2.76	28.42 -2.80 0.58	30.24 -2.79 1.04	30.75 -2.86 3.99	29.78 -3.43 8.63	30.21 -4.12 10.47	32.39 -4.28 11.39	32.20 -6.00 14.43	33.58 -6.56 17.94	37.40 -8.43 25.03	41.67 -9.03 25.16	40.04 -8.72 23.90	41.25 -7.13 15.84	45.03 -7.07 11.61	35.65 -5.92 12.24	34.68 -4.95 9.41	32.52 -4.52 7.77
INDIAN POINT_GT_1 24139	46.06 2.77 0.00	42.16 2.39 0.00	37.78 2.04 0.00	36.58 1.81 0.00	35.59 1.76 0.00	34.79 1.69 0.00	34.91 1.73 0.00	32.90 1.86 0.00	33.78 1.97 0.00	36.13 2.04 0.00	40.16 2.56 0.00	45.02 3.18 0.00	48.38 3.58 0.00	51.99 3.94 0.00	56.79 4.16 0.00	62.79 4.70 0.00	76.46 5.67 0.07	81.98 6.15 0.03	78.16 5.52 0.01	68.97 4.75 0.00	68.49 4.78 0.00	60.39 4.25 -2.32	52.91 3.87 0.00	48.12 3.32 0.00
INDIAN POINT_GT_2 23659	46.06 2.77 0.00	42.16 2.39 0.00	37.78 2.04 0.00	36.58 1.81 0.00	35.59 1.76 0.00	34.79 1.69 0.00	34.91 1.73 0.00	32.90 1.86 0.00	33.78 1.97 0.00	36.13 2.04 0.00	40.16 2.56 0.00	45.02 3.18 0.00	48.38 3.58 0.00	51.99 3.94 0.00	56.79 4.16 0.00	62.79 4.70 0.00	76.46 5.67 0.07	81.98 6.15 0.03	78.16 5.52 0.01	68.97 4.75 0.00	68.49 4.78 0.00	60.39 4.25 -2.32	52.91 3.87 0.00	48.12 3.32 0.00
INDIAN POINT_GT_3 24019	46.06 2.77 0.00	42.16 2.39 0.00	37.78 2.04 0.00	36.58 1.81 0.00	35.59 1.76 0.00	34.79 1.69 0.00	34.91 1.73 0.00	32.90 1.86 0.00	33.78 1.97 0.00	36.13 2.04 0.00	40.16 2.56 0.00	45.02 3.18 0.00	48.38 3.58 0.00	51.99 3.94 0.00	56.79 4.16 0.00	62.79 4.70 0.00	76.46 5.67 0.07	81.98 6.15 0.03	78.16 5.52 0.01	68.97 4.75 0.00	68.49 4.78 0.00	60.39 4.25 -2.32	52.91 3.87 0.00	48.12 3.32 0.00
INDIAN POINT___2 23530	45.97 2.68 0.00	42.12 2.35 0.00	37.74 2.00 0.00	36.54 1.77 0.00	35.56 1.72 0.00	34.73 1.62 0.00	34.84 1.66 0.00	32.87 1.83 0.00	33.72 1.91 0.00	36.09 2.01 0.00	40.08 2.48 0.00	44.94 3.10 0.00	48.29 3.50 0.00	51.70 3.65 0.00	56.79 4.16 0.00	62.62 4.53 0.00	76.32 5.53 0.07	81.83 5.99 0.03	78.02 5.38 0.01	68.84 4.63 0.00	68.36 4.65 0.00	60.25 4.14 -2.29	52.81 3.78 0.00	48.03 3.23 0.00
INDIAN POINT___3 23531	46.01 2.73 0.00	42.12 2.35 0.00	37.74 2.00 0.00	36.55 1.77 0.00	35.56 1.73 0.00	34.76 1.66 0.00	34.88 1.69 0.00	32.87 1.83 0.00	33.72 1.91 0.00	36.09 2.01 0.00	40.08 2.48 0.00	44.94 3.10 0.00	48.29 3.49 0.00	51.89 3.84 0.00	56.68 4.05 0.00	62.67 4.59 0.00	76.32 5.53 0.07	81.83 5.99 0.03	78.02 5.38 0.01	68.84 4.62 0.00	68.36 4.65 0.00	60.28 4.14 -2.32	52.81 3.78 0.00	48.03 3.23 0.00
INDIANHDD_69_KV_BK1 55831	47.53 4.24 0.00	43.59 3.82 0.00	38.63 2.89 0.00	37.34 2.57 0.00	36.47 2.64 0.00	35.39 2.28 0.00	35.47 2.29 0.00	33.77 2.73 0.00	35.14 3.34 0.01	37.52 3.44 0.00	45.20 4.10 -3.50	51.12 4.94 -4.35	52.36 5.42 -2.15	58.79 5.91 -4.84	62.26 5.74 -3.90	62.90 4.82 0.01	76.88 6.09 0.07	81.52 5.69 0.03	77.86 5.23 0.02	68.45 4.24 0.01	65.96 3.95 1.71	59.75 3.61 -2.33	53.20 4.17 0.00	49.15 4.35 0.00
INGHAM_C_115KV_TB7 356103	44.72 1.43 0.00	41.08 1.31 0.00	36.88 1.14 0.00	35.85 1.08 0.00	34.85 1.01 0.00	34.10 0.99 0.00	34.18 1.00 0.00	31.97 0.93 0.00	32.70 0.89 0.00	35.07 0.99 0.00	38.69 1.09 0.00	43.01 1.17 0.00	45.91 1.12 0.00	49.15 1.11 0.00	53.95 1.32 0.00	59.42 1.34 0.00	72.28 1.42 0.00	77.46 1.59 0.00	74.25 1.60 0.00	65.63 1.41 0.00	64.92 1.21 0.00	54.68 0.86 0.00	49.87 0.83 0.00	45.57 0.76 0.00
IP CORINTH___1 23988	44.98 1.69 0.00	41.36 1.59 0.00	37.10 1.36 0.00	36.20 1.43 0.00	35.05 1.22 0.00	34.33 1.22 0.00	34.31 1.13 0.00	32.06 1.02 0.00	32.48 0.67 0.00	34.73 0.65 0.00	38.20 0.60 0.00	42.43 0.59 0.00	45.42 0.63 0.00	49.06 1.01 0.00	53.84 1.21 0.00	60.23 2.15 0.00	74.54 3.68 0.00	80.27 4.40 0.00	77.16 4.50 0.00	68.58 4.37 0.00	68.30 4.59 0.00	68.25 3.82 -10.61	52.08 3.04 0.00	47.22 2.42 0.00

IP__TICONDEROGA 23804	46.53 3.25 0.00	42.79 3.02 0.00	38.31 2.57 0.00	37.52 2.75 0.00	36.23 2.40 0.00	35.49 2.38 0.00	35.44 2.26 0.00	32.99 1.96 0.00	33.24 1.43 0.00	35.62 1.53 0.00	39.29 1.69 0.00	43.51 1.67 0.00	46.72 1.93 0.00	50.64 2.59 0.00	55.58 2.95 0.00	62.50 4.41 0.00	77.52 6.66 0.00	83.83 7.97 0.00	80.57 7.92 0.00	71.92 7.71 0.00	72.00 8.28 0.00	71.19 6.83 -10.54	54.53 5.49 0.00	49.33 4.53 0.00
ISLIP_RES_REC 323679	47.96 4.68 0.00	44.03 4.26 0.00	38.99 3.25 0.00	37.69 2.92 0.00	36.84 3.01 0.00	35.72 2.61 0.00	35.81 2.62 0.00	34.08 3.04 0.00	35.46 3.66 0.00	37.90 3.82 0.00	45.53 4.43 -3.50	51.46 5.27 -4.35	52.81 5.87 -2.15	56.15 5.91 -2.19	61.01 6.37 -2.02	65.28 5.28 -1.91	77.44 6.66 0.08	82.42 6.60 0.04	80.30 6.10 -1.54	69.17 4.95 0.00	66.22 4.39 1.89	60.67 4.52 -2.34	53.64 4.61 0.00	49.46 4.66 0.00
JAMAICA__27_KV_LOAD 355505	47.01 3.72 0.00	42.95 3.18 0.00	38.49 2.75 0.00	37.17 2.40 0.00	36.17 2.33 0.00	35.39 2.28 0.00	35.57 2.39 0.00	33.67 2.64 0.00	34.96 2.93 -0.22	37.01 2.93 0.00	41.23 3.57 -0.06	47.03 4.44 -0.75	58.07 4.93 -8.35	60.00 5.38 -6.57	61.37 5.68 -3.06	64.47 6.27 -0.12	78.56 7.65 -0.05	84.12 8.27 0.01	80.05 7.41 0.01	70.58 6.36 0.00	70.28 6.56 0.00	62.04 5.87 -2.36	54.30 5.25 -0.01	49.29 4.48 -0.01
JANIS__SOLAR 323808	47.42 0.91 -3.22	43.37 0.87 -2.73	38.49 0.79 -1.97	36.62 0.70 -1.16	34.48 0.61 -0.04	33.84 0.60 -0.14	33.82 0.50 -0.14	32.37 0.43 -0.90	32.06 0.06 -0.19	34.43 0.00 -0.34	38.92 0.00 -1.32	44.65 -0.04 -2.85	47.52 -0.22 -2.95	50.78 -0.14 -2.88	56.26 -0.05 -3.68	62.63 0.06 -4.49	76.06 0.50 -4.70	82.31 1.21 -5.24	79.15 1.31 -5.18	68.92 1.28 -3.41	67.27 1.27 -2.28	58.52 0.70 -4.00	51.82 0.44 -2.35	47.90 0.45 -2.65
JARVIS____ 23743	43.51 0.22 0.00	39.97 0.20 0.00	35.92 0.18 0.00	34.95 0.17 0.00	33.97 0.14 0.00	33.24 0.13 0.00	33.32 0.13 0.00	31.19 0.16 0.00	31.90 0.10 0.00	34.18 0.10 0.00	37.71 0.11 0.00	41.97 0.13 0.00	44.93 0.13 0.00	48.19 0.14 0.00	52.84 0.21 0.00	58.32 0.23 0.00	71.14 0.28 0.00	76.25 0.38 0.00	72.95 0.29 0.00	64.54 0.32 0.00	63.97 0.26 0.00	54.03 0.22 0.00	49.23 0.20 0.00	44.99 0.18 0.00
JENNISON__1 23625	46.21 1.17 -1.76	42.37 1.11 -1.49	37.81 1.00 -1.07	36.34 0.94 -0.63	34.73 0.88 -0.02	34.01 0.83 -0.08	33.86 0.60 -0.08	32.09 0.56 -0.49	32.23 0.32 -0.10	34.64 0.37 -0.19	38.84 0.53 -0.72	43.94 0.54 -1.56	46.63 0.31 -1.52	49.81 0.34 -1.42	55.09 0.63 -1.83	60.93 0.64 -2.20	73.85 0.99 -2.00	79.67 1.44 -2.36	76.20 1.16 -2.39	66.86 1.09 -1.55	65.72 1.02 -0.98	57.21 0.54 -2.86	50.48 0.29 -1.15	46.57 0.31 -1.45
JENNISON__2 23626	46.21 1.17 -1.76	42.37 1.11 -1.49	37.81 1.00 -1.07	36.34 0.94 -0.63	34.73 0.88 -0.02	34.01 0.83 -0.08	33.86 0.60 -0.08	32.09 0.56 -0.49	32.23 0.32 -0.10	34.64 0.37 -0.19	38.84 0.53 -0.72	43.94 0.54 -1.56	46.63 0.31 -1.52	49.81 0.34 -1.42	55.09 0.63 -1.83	60.93 0.64 -2.20	73.85 0.99 -2.00	79.67 1.44 -2.36	76.20 1.16 -2.39	66.86 1.09 -1.55	65.72 1.02 -0.98	57.21 0.54 -2.86	50.48 0.29 -1.15	46.57 0.31 -1.45
JERICHO_RISE_WT_PWR 323719	42.42 -0.87 0.00	38.93 -0.84 0.00	34.99 -0.75 0.00	34.15 -0.62 0.00	33.39 -0.44 0.00	32.67 -0.43 0.00	32.79 -0.40 0.00	30.57 -0.46 0.00	31.49 -0.32 0.00	33.81 -0.27 0.00	37.30 -0.30 0.00	41.34 -0.50 0.00	44.26 -0.54 0.00	47.52 -0.53 0.00	51.89 -0.74 0.00	57.10 -0.99 0.00	69.51 -1.35 0.00	74.50 -1.36 0.00	71.35 -1.31 0.00	62.80 -1.41 0.00	62.25 -1.46 0.00	52.42 -1.40 0.00	47.91 -1.13 0.00	44.09 -0.72 0.00
KATONAH__115KV_46KV_TB4 355592	46.32 3.03 0.00	42.36 2.59 0.00	37.95 2.22 0.00	36.79 2.02 0.00	35.76 1.93 0.00	34.96 1.85 0.00	35.08 1.89 0.00	33.02 1.99 0.00	33.94 2.13 0.00	36.30 2.22 0.00	40.42 2.82 0.00	45.31 3.47 0.00	48.74 3.94 0.00	52.42 4.37 0.00	57.26 4.63 0.00	63.31 5.23 0.00	77.17 6.38 0.07	82.74 6.90 0.03	78.82 6.18 0.01	69.48 5.27 0.00	69.07 5.35 0.00	60.93 4.74 -2.38	53.25 4.22 0.00	48.39 3.58 0.00
KCE_NY_1 323755	45.37 2.08 0.00	41.72 1.95 0.00	37.42 1.68 0.00	36.48 1.70 0.00	35.39 1.56 0.00	34.63 1.52 0.00	34.64 1.46 0.00	32.34 1.30 0.00	32.86 1.05 0.00	35.10 1.02 0.00	38.77 1.17 0.00	43.14 1.30 0.00	46.32 1.52 0.00	49.87 1.83 0.00	54.84 2.21 0.00	60.93 2.85 0.00	74.75 3.89 0.00	80.34 4.47 0.00	77.01 4.36 0.00	68.33 4.11 0.00	67.92 4.20 0.00	67.86 3.55 -10.49	52.08 3.04 0.00	47.36 2.55 0.00
KCE_NY_6_ESR 323823	27.46 -3.98 11.85	26.33 -3.34 10.10	25.54 -2.97 7.23	27.42 -3.09 4.26	30.56 -3.15 0.13	29.53 -3.05 0.53	29.90 -2.75 0.53	25.39 -2.30 3.34	28.65 -2.45 0.71	30.40 -2.42 1.27	30.27 -2.48 4.85	28.38 -2.97 10.49	28.69 -3.63 12.47	30.90 -3.75 13.41	30.46 -5.31 16.86	31.41 -5.75 20.92	34.87 -7.37 28.62	39.39 -7.59 28.89	37.80 -7.34 27.52	40.04 -5.97 18.21	44.60 -5.86 13.25	34.53 -5.00 14.28	33.90 -4.17 10.97	31.57 -3.85 9.38
KEDC_PORT_JEFF_GT2 24210	47.66 4.37 0.00	43.79 4.02 0.00	38.81 3.07 0.00	37.52 2.75 0.00	36.68 2.84 0.00	35.52 2.42 0.00	35.64 2.46 0.00	33.92 2.89 0.00	35.31 3.50 0.00	37.69 3.61 0.00	45.27 4.17 -3.50	51.16 4.98 -4.35	52.45 5.51 -2.15	56.18 5.48 -2.66	60.89 5.89 -2.37	64.34 4.76 -1.49	76.80 6.02 0.08	81.81 5.99 0.04	79.60 5.45 -1.49	68.65 4.43 0.00	65.70 3.89 1.90	60.24 4.09 -2.34	53.30 4.26 0.00	49.15 4.34 0.00
KEDC_PORT_JEFF_GT3 24211	47.66 4.37 0.00	43.79 4.02 0.00	38.81 3.07 0.00	37.52 2.75 0.00	36.68 2.84 0.00	35.52 2.42 0.00	35.64 2.46 0.00	33.92 2.89 0.00	35.31 3.50 0.00	37.69 3.61 0.00	45.27 4.17 -3.50	51.16 4.98 -4.35	52.45 5.51 -2.15	56.18 5.48 -2.66	60.89 5.89 -2.37	64.34 4.76 -1.49	76.80 6.02 0.08	81.81 5.99 0.04	79.60 5.45 -1.49	68.65 4.43 0.00	65.70 3.89 1.90	60.24 4.09 -2.34	53.30 4.26 0.00	49.15 4.34 0.00
KEDC_GLWD_GT4 24219	46.84 3.55 0.00	42.83 3.06 0.00	38.20 2.46 0.00	36.96 2.19 0.00	36.00 2.17 0.00	35.06 1.95 0.00	35.18 1.99 0.00	33.30 2.26 0.00	34.44 2.64 0.00	36.77 2.69 0.00	44.48 3.39 -3.50	50.29 4.10 -4.35	51.56 4.61 -2.15	52.99 4.80 -0.14	58.06 5.37 -0.06	63.25 5.17 0.01	76.74 5.95 0.07	82.06 6.22 0.03	78.09 5.45 0.02	68.77 4.56 0.00	68.00 4.84 0.55	60.62 4.46 -2.34	53.25 4.22 0.00	48.75 3.94 0.00
KEDC_GLWD_GT5 24220	46.84 3.55 0.00	42.83 3.06 0.00	38.20 2.46 0.00	36.96 2.19 0.00	36.00 2.17 0.00	35.06 1.95 0.00	35.18 1.99 0.00	33.30 2.26 0.00	34.44 2.64 0.00	36.77 2.69 0.00	44.48 3.39 -3.50	50.29 4.10 -4.35	51.56 4.61 -2.15	52.99 4.80 -0.14	58.06 5.37 -0.06	63.25 5.17 0.01	76.74 5.95 0.07	82.06 6.22 0.03	78.09 5.45 0.02	68.77 4.56 0.00	68.00 4.84 0.55	60.62 4.46 -2.34	53.25 4.22 0.00	48.75 3.94 0.00

KENSICO____ 23655	46.23 2.94 0.00	42.32 2.55 0.00	37.92 2.18 0.00	36.72 1.95 0.00	35.69 1.86 0.00	34.89 1.79 0.00	35.01 1.83 0.00	33.02 1.99 0.00	33.91 2.10 0.00	36.26 2.18 0.00	40.31 2.71 0.00	45.20 3.35 -0.01	48.76 3.81 -0.16	52.31 4.13 -0.12	57.06 4.37 -0.06	62.97 4.88 0.00	76.75 5.95 0.06	82.21 6.37 0.03	78.45 5.81 0.01	69.23 5.01 0.00	68.75 5.03 0.00	60.62 4.47 -2.34	53.15 4.12 0.00	48.30 3.49 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	46.01 2.73 0.00	42.16 2.39 0.00	37.78 2.04 0.00	36.61 1.84 0.00	35.59 1.76 0.00	34.76 1.66 0.00	34.81 1.63 0.00	32.71 1.68 0.00	33.56 1.75 0.00	35.89 1.81 0.00	39.89 2.29 0.00	44.73 2.89 0.00	48.07 3.27 0.00	51.70 3.65 0.00	56.68 4.05 0.00	62.73 4.65 0.00	76.60 5.81 0.07	82.44 6.60 0.03	78.45 5.81 0.01	69.23 5.01 0.00	68.75 5.03 0.00	60.66 4.31 -2.54	52.86 3.82 0.00	47.99 3.18 0.00
KIAC_JFK_GT1 23816	46.75 3.46 0.00	42.67 2.90 0.00	38.28 2.54 0.00	37.00 2.23 0.00	35.96 2.13 0.00	35.19 2.09 0.00	35.37 2.19 0.00	33.49 2.45 0.00	34.77 2.74 -0.22	36.81 2.73 0.00	41.01 3.35 -0.06	46.74 4.14 -0.75	57.80 4.66 -8.35	59.67 5.05 -6.57	61.00 5.32 -3.06	63.89 5.69 -0.12	77.85 6.94 -0.05	83.29 7.43 0.01	79.32 6.68 0.01	69.93 5.72 0.00	69.64 5.93 0.00	61.61 5.44 -2.36	53.95 4.90 -0.01	48.98 4.17 -0.01
KIAC_JFK_GT2 23817	46.75 3.46 0.00	42.67 2.90 0.00	38.28 2.54 0.00	37.00 2.23 0.00	35.96 2.13 0.00	35.19 2.09 0.00	35.37 2.19 0.00	33.49 2.45 0.00	34.77 2.74 -0.22	36.81 2.73 0.00	41.01 3.35 -0.06	46.74 4.14 -0.75	57.80 4.66 -8.35	59.67 5.05 -6.57	61.00 5.32 -3.06	63.89 5.69 -0.12	77.85 6.94 -0.05	83.29 7.43 0.01	79.32 6.68 0.01	69.93 5.72 0.00	69.64 5.93 0.00	61.61 5.44 -2.36	53.95 4.90 -0.01	48.98 4.17 -0.01
KIAC_JFK____ 323774	46.75 3.46 0.00	42.67 2.90 0.00	38.24 2.50 0.00	37.00 2.23 0.00	35.97 2.13 0.00	35.19 2.09 0.00	35.37 2.19 0.00	33.49 2.45 0.00	34.77 2.74 -0.23	36.81 2.73 0.00	41.01 3.35 -0.06	46.74 4.14 -0.75	57.80 4.66 -8.35	59.47 4.85 -6.57	61.11 5.42 -3.06	63.83 5.63 -0.12	77.78 6.87 -0.05	83.37 7.51 0.01	79.32 6.68 0.01	69.93 5.71 0.00	69.64 5.93 0.00	61.66 5.49 -2.36	53.95 4.90 -0.01	48.98 4.17 -0.01
KINTIGH_24_KV_GSU 356498	32.48 -4.59 6.22	30.61 -3.94 5.22	28.48 -3.47 3.79	28.99 -3.55 2.23	30.18 -3.59 0.07	29.36 -3.48 0.27	29.66 -3.25 0.27	26.54 -2.76 1.73	28.52 -2.93 0.37	30.45 -2.97 0.66	31.94 -3.12 2.54	32.65 -3.68 5.50	33.33 -4.34 7.12	35.45 -4.57 8.04	36.07 -6.05 10.51	38.37 -6.56 13.15	42.32 -8.43 20.10	47.45 -8.88 19.54	45.79 -8.57 18.29	45.05 -7.13 12.04	47.64 -7.07 9.00	38.82 -6.03 8.96	36.95 -5.20 6.89	34.89 -4.79 5.12
KINTIGH____ 23543	32.48 -4.59 6.22	30.61 -3.94 5.22	28.44 -3.50 3.79	28.99 -3.55 2.23	30.18 -3.59 0.07	29.36 -3.48 0.27	29.66 -3.25 0.27	26.51 -2.79 1.73	28.52 -2.93 0.37	30.46 -2.97 0.66	31.94 -3.12 2.54	32.66 -3.68 5.50	33.33 -4.35 7.12	34.58 -5.43 8.04	36.07 -6.05 10.51	38.32 -6.62 13.15	42.33 -8.43 20.10	47.37 -8.95 19.54	45.79 -8.57 18.29	44.99 -7.19 12.04	47.65 -7.07 9.00	39.42 -5.44 8.96	36.95 -5.20 6.89	34.89 -4.79 5.12
KNTFSRNC_46_KV_46KV_LOAD 80397	42.85 -0.43 0.00	39.37 -0.40 0.00	35.38 -0.36 0.00	34.53 -0.24 0.00	33.77 -0.07 0.00	33.04 -0.07 0.00	33.15 -0.03 0.00	30.91 -0.12 0.00	31.84 0.03 0.00	34.22 0.14 0.00	37.75 0.15 0.00	41.80 -0.04 0.00	44.75 -0.04 0.00	48.10 0.05 0.00	52.37 -0.26 0.00	57.33 -0.76 0.00	69.87 -0.99 0.00	75.03 -0.83 0.00	71.86 -0.80 0.00	63.25 -0.96 0.00	62.69 -1.02 0.00	52.58 -1.24 0.00	48.35 -0.69 0.00	44.63 -0.18 0.00
LACHUTE____HYDRO 323717	46.54 3.25 0.00	42.79 3.02 0.00	38.31 2.57 0.00	37.52 2.75 0.00	36.24 2.40 0.00	35.49 2.38 0.00	35.44 2.26 0.00	32.99 1.96 0.00	33.24 1.43 0.00	35.62 1.54 0.00	39.29 1.69 0.00	43.52 1.68 0.00	46.72 1.92 0.00	50.59 2.54 0.00	55.63 3.00 0.00	62.50 4.41 0.00	77.45 6.59 0.00	83.83 7.96 0.00	80.58 7.92 0.00	71.92 7.70 0.00	71.99 8.28 0.00	71.09 6.73 -10.54	54.53 5.49 0.00	49.33 4.52 0.00
LAWRNCALV_115KV_TB1 80681	42.47 -0.82 0.00	38.97 -0.80 0.00	34.99 -0.75 0.00	34.11 -0.66 0.00	33.29 -0.54 0.00	32.44 -0.66 0.00	32.52 -0.66 0.00	30.29 -0.74 0.00	31.17 -0.64 0.00	33.47 -0.61 0.00	36.96 -0.64 0.00	40.92 -0.92 0.00	43.76 -1.03 0.00	47.04 -1.01 0.00	51.52 -1.11 0.00	56.46 -1.63 0.00	68.95 -1.91 0.00	74.12 -1.74 0.00	70.91 -1.67 0.00	62.55 -1.67 0.00	61.99 -1.72 0.00	51.77 -2.04 0.00	47.42 -1.62 0.00	43.82 -0.99 0.00
LEDERLE____ 23769	46.14 2.86 0.00	42.24 2.47 0.00	37.85 2.11 0.00	36.68 1.91 0.00	35.66 1.83 0.00	34.86 1.75 0.00	34.94 1.76 0.00	32.93 1.89 0.00	33.81 2.00 0.00	36.16 2.08 0.00	40.19 2.59 0.00	45.10 3.26 0.00	48.51 3.72 0.00	52.13 4.08 0.00	57.00 4.37 0.00	63.02 4.94 0.00	76.81 6.02 0.07	82.36 6.52 0.03	78.45 5.81 0.01	69.29 5.07 0.00	68.81 5.10 0.00	60.50 4.41 -2.27	53.06 4.02 0.00	48.21 3.41 0.00
LIGHTHSE_115KV_TB6 355974	42.94 -0.35 0.00	39.49 -0.28 0.00	35.49 -0.25 0.00	34.49 -0.28 0.00	33.56 -0.27 0.00	32.77 -0.33 0.00	32.82 -0.37 0.00	30.79 -0.25 0.00	31.46 -0.35 0.00	33.77 -0.31 0.00	37.22 -0.38 0.00	41.34 -0.50 0.00	44.29 -0.76 -0.25	47.67 -0.82 -0.44	52.54 -0.68 -0.60	57.95 -0.93 -0.79	71.04 -1.06 -1.24	76.27 -0.99 -1.39	72.87 -1.09 -1.31	64.22 -0.96 -0.96	63.44 -1.08 -0.81	53.33 -1.08 -0.59	48.37 -1.08 -0.42	44.04 -0.76 0.00
LINDEN COGEN____ 23786	46.49 3.20 0.00	42.48 2.71 0.00	38.06 2.32 0.00	36.82 2.05 0.00	35.83 2.00 0.00	35.02 1.92 0.00	35.18 1.99 0.00	33.24 2.20 0.00	34.42 2.39 -0.22	36.54 2.46 0.00	40.67 3.01 -0.06	46.27 3.72 -0.71	56.83 4.17 -7.86	58.41 4.33 -6.03	60.27 4.84 -2.80	63.49 5.28 -0.12	77.29 6.38 -0.05	82.76 6.90 0.01	78.74 6.10 0.01	69.48 5.27 0.00	69.13 5.41 0.00	61.02 4.85 -2.36	53.46 4.41 -0.01	48.58 3.76 -0.01
LINDHRST_69_KV_BK1 356055	47.92 4.63 0.00	43.87 4.10 0.00	38.88 3.14 0.00	37.55 2.78 0.00	36.67 2.84 0.00	35.59 2.48 0.00	35.67 2.49 0.00	33.95 2.92 0.00	35.30 3.50 0.01	37.69 3.61 0.00	45.53 4.44 -3.50	51.42 5.23 -4.35	52.76 5.82 -2.15	54.78 6.39 -0.34	59.36 6.42 -0.31	64.80 5.75 -0.96	78.01 7.23 0.07	82.81 6.98 0.03	79.49 6.47 -0.36	69.54 5.33 0.00	67.57 5.29 1.44	60.78 4.63 -2.33	53.89 4.85 0.00	49.64 4.84 0.00
LIPA_MISC_IPP 23656	47.70 4.42 0.00	43.79 4.02 0.00	38.85 3.11 0.00	37.55 2.78 0.00	36.74 2.91 0.00	35.59 2.48 0.00	35.71 2.52 0.00	33.98 2.95 0.00	35.36 3.56 0.01	37.76 3.68 0.00	45.20 4.10 -3.50	51.04 4.85 -4.35	52.27 5.33 -2.15	56.12 5.81 -2.26	60.35 5.63 -2.09	64.31 4.47 -1.75	76.44 5.67 0.08	81.13 5.31 0.04	79.60 5.09 -1.86	68.46 4.24 0.00	65.20 3.44 1.95	59.71 3.55 -2.34	53.25 4.22 0.00	49.11 4.30 0.00

LISF___SOLAR 323691	47.79 4.50 0.00	43.91 4.14 0.00	38.92 3.18 0.00	37.62 2.85 0.00	36.81 2.98 0.00	35.65 2.55 0.00	35.77 2.59 0.00	34.05 3.01 0.00	35.40 3.59 0.00	37.83 3.75 0.00	45.23 4.14 -3.50	51.08 4.89 -4.35	52.36 5.42 -2.15	55.77 5.43 -2.29	60.58 5.84 -2.11	64.36 4.53 -1.75	76.51 5.74 0.08	81.51 5.69 0.04	79.75 5.30 -1.80	68.59 4.37 0.00	65.34 3.57 1.94	60.30 4.14 -2.34	53.35 4.32 0.00	49.15 4.34 0.00
LITTLE FALLS___HYD 24013	44.72 1.43 0.00	41.08 1.31 0.00	36.88 1.14 0.00	35.85 1.08 0.00	34.85 1.01 0.00	34.10 0.99 0.00	34.18 1.00 0.00	31.97 0.93 0.00	32.70 0.89 0.00	35.07 0.99 0.00	38.69 1.09 0.00	43.01 1.17 0.00	45.91 1.12 0.00	49.15 1.11 0.00	53.95 1.32 0.00	59.42 1.34 0.00	72.28 1.42 0.00	77.46 1.59 0.00	74.25 1.60 0.00	65.63 1.41 0.00	64.92 1.21 0.00	54.68 0.86 0.00	49.87 0.83 0.00	45.57 0.76 0.00
LITTLRIV_115KV_TB1 356100	42.81 -0.48 0.00	39.33 -0.44 0.00	35.31 -0.43 0.00	34.42 -0.35 0.00	33.60 -0.24 0.00	32.71 -0.40 0.00	32.75 -0.43 0.00	30.45 -0.59 0.00	31.30 -0.51 0.00	33.57 -0.51 0.00	37.07 -0.53 0.00	41.05 -0.79 0.00	43.90 -0.90 0.00	47.14 -0.91 0.00	51.68 -0.95 0.00	56.57 -1.51 0.00	69.16 -1.70 0.00	74.50 -1.37 0.00	71.42 -1.24 0.00	63.06 -1.16 0.00	62.44 -1.27 0.00	51.99 -1.83 0.00	47.61 -1.42 0.00	44.09 -0.72 0.00
LI_NEWBRDGE___DRP 323616	46.75 3.46 0.00	42.79 3.02 0.00	38.03 2.29 0.00	36.75 1.98 0.00	35.90 2.06 0.00	34.86 1.75 0.00	34.98 1.79 0.00	33.21 2.17 0.00	34.53 2.74 0.01	36.77 2.69 0.00	44.44 3.35 -3.50	50.20 4.02 -4.35	51.38 4.43 -2.15	53.09 4.90 -0.14	57.74 5.05 -0.06	62.32 4.24 0.01	76.31 5.53 0.07	80.99 5.16 0.03	77.21 4.58 0.02	68.06 3.85 0.01	65.74 3.89 1.86	59.59 3.44 -2.33	52.61 3.58 0.00	48.52 3.72 0.00
LOCKPORT_115KV_TB60_63_64 80432	30.26 -4.72 8.31	28.61 -3.94 7.23	27.16 -3.50 5.07	28.17 -3.62 2.99	29.98 -3.76 0.09	29.19 -3.54 0.38	29.52 -3.29 0.38	25.88 -2.76 2.39	28.38 -2.93 0.51	30.22 -2.97 0.89	31.11 -3.08 3.40	30.80 -3.68 7.36	31.22 -4.48 9.09	32.24 -5.81 10.00	33.27 -6.42 12.93	34.88 -7.09 16.11	39.14 -9.28 22.44	43.39 -9.71 22.76	41.89 -9.15 21.61	42.27 -7.58 14.37	45.73 -7.39 10.60	37.28 -5.54 10.99	35.29 -5.30 8.45	33.19 -4.84 6.78
LOCKPORT___CC1 323769	29.66 -4.76 8.87	28.13 -3.98 7.67	26.79 -3.54 5.41	27.93 -3.65 3.19	29.98 -3.76 0.10	29.10 -3.61 0.40	29.47 -3.32 0.40	25.70 -2.79 2.54	28.31 -2.96 0.54	30.10 -3.03 0.95	30.81 -3.16 3.63	30.22 -3.77 7.85	30.64 -4.52 9.63	32.80 -4.71 10.55	32.53 -6.48 13.62	34.09 -7.03 16.96	38.08 -9.28 23.49	42.46 -9.56 23.85	40.84 -9.16 22.66	41.65 -7.51 15.06	45.19 -7.45 11.07	35.89 -6.35 11.57	34.85 -5.30 8.89	32.70 -4.88 7.23
LOCKPORT___CC2 323770	29.66 -4.76 8.87	28.13 -3.98 7.67	26.79 -3.54 5.41	27.93 -3.65 3.19	29.98 -3.76 0.10	29.10 -3.61 0.40	29.47 -3.32 0.40	25.70 -2.79 2.54	28.31 -2.96 0.54	30.10 -3.03 0.95	30.81 -3.16 3.63	30.22 -3.77 7.85	30.64 -4.52 9.63	32.80 -4.71 10.55	32.53 -6.48 13.62	34.09 -7.03 16.96	38.08 -9.28 23.49	42.46 -9.56 23.85	40.84 -9.16 22.66	41.65 -7.51 15.06	45.19 -7.45 11.07	35.89 -6.35 11.57	34.85 -5.30 8.89	32.70 -4.88 7.23
LOCKPORT___CC3 323771	29.66 -4.76 8.87	28.13 -3.98 7.67	26.79 -3.54 5.41	27.93 -3.65 3.19	29.98 -3.76 0.10	29.10 -3.61 0.40	29.47 -3.32 0.40	25.70 -2.79 2.54	28.31 -2.96 0.54	30.10 -3.03 0.95	30.81 -3.16 3.63	30.22 -3.77 7.85	30.64 -4.52 9.63	32.80 -4.71 10.55	32.53 -6.48 13.62	34.09 -7.03 16.96	38.08 -9.28 23.49	42.46 -9.56 23.85	40.84 -9.16 22.66	41.65 -7.51 15.06	45.19 -7.45 11.07	35.89 -6.35 11.57	34.85 -5.30 8.89	32.70 -4.88 7.23
LOCUSVLY_69_KV_BK2 55797	47.14 3.85 0.00	43.11 3.34 0.00	38.35 2.61 0.00	37.07 2.29 0.00	36.17 2.33 0.00	35.16 2.05 0.00	35.27 2.09 0.00	33.49 2.45 0.00	34.69 2.89 0.01	37.05 2.97 0.00	44.82 3.72 -3.50	50.66 4.48 -4.35	51.91 4.97 -2.15	53.62 5.43 -0.14	58.15 5.58 0.06	63.02 5.23 0.29	77.24 6.45 0.07	82.13 6.30 0.03	77.82 5.59 0.43	68.90 4.69 0.01	67.69 4.78 0.80	60.40 4.25 -2.33	53.30 4.27 0.00	48.97 4.17 0.00
LONG_LAKE_PHOENIX 24014	42.34 -0.95 0.00	38.94 -0.84 0.00	35.02 -0.71 0.00	34.08 -0.70 0.00	33.12 -0.71 0.00	32.41 -0.70 0.00	32.49 -0.70 0.00	30.45 -0.59 0.00	31.17 -0.64 0.00	33.47 -0.61 0.00	36.81 -0.79 0.00	40.88 -0.96 0.00	44.44 -1.08 -0.72	48.09 -1.20 -1.24	53.00 -1.32 -1.68	58.98 -1.34 -2.23	72.74 -1.63 -3.51	78.04 -1.74 -3.92	74.60 -1.74 -3.68	65.40 -1.54 -2.72	64.54 -1.47 -2.29	54.23 -1.24 -1.66	48.94 -1.27 -1.18	43.60 -1.21 0.00
LOVETT___3 23632	45.93 2.64 0.00	42.08 2.31 0.00	37.70 1.97 0.00	36.51 1.74 0.00	35.52 1.69 0.00	34.69 1.59 0.00	34.81 1.63 0.00	32.84 1.80 0.00	33.69 1.88 0.00	36.02 1.94 0.00	40.04 2.44 0.00	44.89 3.05 0.00	48.24 3.45 0.00	51.85 3.80 0.00	56.63 4.00 0.00	62.56 4.47 0.00	76.25 5.46 0.07	81.68 5.84 0.03	77.94 5.30 0.01	68.78 4.56 0.00	68.30 4.59 0.00	60.13 4.04 -2.28	52.76 3.73 0.00	47.99 3.18 0.00
LOVETT___4 23642	45.93 2.64 0.00	42.08 2.31 0.00	37.70 1.97 0.00	36.51 1.74 0.00	35.52 1.69 0.00	34.69 1.59 0.00	34.81 1.63 0.00	32.84 1.80 0.00	33.69 1.88 0.00	36.02 1.94 0.00	40.04 2.44 0.00	44.89 3.05 0.00	48.24 3.45 0.00	51.85 3.80 0.00	56.63 4.00 0.00	62.56 4.47 0.00	76.25 5.46 0.07	81.68 5.84 0.03	77.94 5.30 0.01	68.78 4.56 0.00	68.30 4.59 0.00	60.13 4.04 -2.28	52.76 3.73 0.00	47.99 3.18 0.00
LOVETT___5 23593	45.93 2.64 0.00	42.08 2.31 0.00	37.70 1.97 0.00	36.51 1.74 0.00	35.52 1.69 0.00	34.69 1.59 0.00	34.81 1.63 0.00	32.84 1.80 0.00	33.69 1.88 0.00	36.02 1.94 0.00	40.04 2.44 0.00	44.89 3.05 0.00	48.24 3.45 0.00	51.85 3.80 0.00	56.63 4.00 0.00	62.56 4.47 0.00	76.25 5.46 0.07	81.68 5.84 0.03	77.94 5.30 0.01	68.78 4.56 0.00	68.30 4.59 0.00	60.13 4.04 -2.28	52.76 3.73 0.00	47.99 3.18 0.00
LOWER RAQUET___HYD 24057	42.38 -0.91 0.00	38.90 -0.88 0.00	34.92 -0.82 0.00	34.04 -0.73 0.00	33.22 -0.61 0.00	32.31 -0.79 0.00	32.42 -0.76 0.00	30.20 -0.84 0.00	31.08 -0.73 0.00	33.33 -0.75 0.00	36.85 -0.75 0.00	40.80 -1.04 0.00	43.63 -1.16 0.00	46.85 -1.20 0.00	51.21 -1.42 0.00	56.22 -1.86 0.00	68.73 -2.12 0.00	73.89 -1.97 0.00	70.77 -1.89 0.00	62.35 -1.86 0.00	61.80 -1.91 0.00	51.83 -1.99 0.00	47.22 -1.81 0.00	43.69 -1.12 0.00
LOWER___HUDSON 24059	45.06 1.78 0.00	41.44 1.67 0.00	37.20 1.47 0.00	36.20 1.43 0.00	35.19 1.35 0.00	34.36 1.26 0.00	34.41 1.23 0.00	32.19 1.15 0.00	32.73 0.92 0.00	34.97 0.88 0.00	38.62 1.02 0.00	43.05 1.21 0.00	46.23 1.43 0.00	49.54 1.49 0.00	54.47 1.84 0.00	60.35 2.26 0.00	73.76 2.91 0.00	79.13 3.26 0.00	76.00 3.34 0.00	67.36 3.15 0.00	66.71 3.00 0.00	65.65 2.64 -9.20	51.39 2.35 0.00	46.82 2.02 0.00

LOWVILLE_115KV_TB2 356335	43.37 0.09 0.00	39.77 0.00 0.00	35.42 -0.32 0.00	34.39 -0.38 0.00	33.46 -0.37 0.00	32.64 -0.46 0.00	32.79 -0.40 0.00	30.88 -0.16 0.00	31.75 -0.06 0.00	34.01 -0.07 0.00	37.60 0.00 0.00	41.59 -0.25 0.00	44.12 -0.67 0.00	47.42 -0.62 0.00	52.31 -0.32 0.00	56.92 -1.16 0.00	69.80 -1.06 0.00	75.18 -0.68 0.00	71.71 -0.94 0.00	63.38 -0.83 0.00	62.63 -1.08 0.00	52.31 -1.51 0.00	47.66 -1.37 0.00	44.31 -0.49 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	45.32 2.03 0.00	41.68 1.91 0.00	37.42 1.68 0.00	36.44 1.67 0.00	35.36 1.52 0.00	34.59 1.49 0.00	34.61 1.43 0.00	32.34 1.30 0.00	32.83 1.02 0.00	35.10 1.02 0.00	38.77 1.17 0.00	43.14 1.30 0.00	46.32 1.52 0.00	49.88 1.83 0.00	54.73 2.11 0.00	60.87 2.79 0.00	74.76 3.90 0.00	80.27 4.40 0.00	76.94 4.29 0.00	68.26 4.05 0.00	67.85 4.14 0.00	67.86 3.55 -10.49	52.03 2.99 0.00	47.31 2.51 0.00
LUTHERNY_35_KV_BK2 355980	45.37 2.08 0.00	41.72 1.95 0.00	37.42 1.68 0.00	36.48 1.70 0.00	35.39 1.56 0.00	34.63 1.52 0.00	34.64 1.46 0.00	32.37 1.33 0.00	32.86 1.05 0.00	35.10 1.02 0.00	38.77 1.17 0.00	43.14 1.30 0.00	46.32 1.52 0.00	49.92 1.87 0.00	54.79 2.16 0.00	60.93 2.85 0.00	74.83 3.97 0.00	80.34 4.48 0.00	77.01 4.36 0.00	68.33 4.11 0.00	67.92 4.21 0.00	67.91 3.61 -10.49	52.08 3.04 0.00	47.36 2.55 0.00
LWR__OSWEGATCHIE_HYD 23850	42.81 -0.48 0.00	39.29 -0.48 0.00	35.20 -0.54 0.00	34.25 -0.52 0.00	33.36 -0.47 0.00	32.51 -0.60 0.00	32.59 -0.60 0.00	30.48 -0.56 0.00	31.33 -0.48 0.00	33.60 -0.48 0.00	37.11 -0.49 0.00	41.13 -0.71 0.00	43.81 -0.99 0.00	47.04 -1.01 0.00	51.79 -0.84 0.00	56.57 -1.51 0.00	69.23 -1.63 0.00	74.58 -1.29 0.00	71.27 -1.38 0.00	62.87 -1.35 0.00	62.25 -1.47 0.00	51.88 -1.94 0.00	47.37 -1.67 0.00	43.91 -0.90 0.00
LYONS_FALL_HYD 23570	43.59 0.31 0.00	39.97 0.20 0.00	35.74 0.00 0.00	34.70 -0.07 0.00	33.77 -0.07 0.00	32.97 -0.13 0.00	33.09 -0.10 0.00	31.07 0.03 0.00	31.87 0.06 0.00	34.15 0.07 0.00	37.75 0.15 0.00	41.84 0.00 0.00	44.53 -0.27 0.00	47.86 -0.19 0.00	52.73 0.11 0.00	57.62 -0.47 0.00	70.65 -0.21 0.00	75.94 0.08 0.00	72.51 -0.15 0.00	64.03 -0.19 0.00	63.33 -0.38 0.00	53.01 -0.81 0.00	48.30 -0.73 0.00	44.67 -0.13 0.00
MADISON__COUNTY_LFGE 323628	43.89 0.61 0.00	40.37 0.60 0.00	36.24 0.50 0.00	35.22 0.45 0.00	34.27 0.44 0.00	33.47 0.36 0.00	33.52 0.33 0.00	31.38 0.34 0.00	32.03 0.22 0.00	34.35 0.27 0.00	37.94 0.34 0.00	42.22 0.38 0.00	44.85 0.27 0.21	48.02 0.34 0.36	52.72 0.58 0.49	58.02 0.58 0.65	70.69 0.85 1.02	75.86 1.14 1.14	72.53 0.94 1.07	64.26 0.83 0.79	63.75 0.70 0.67	53.66 0.32 0.48	48.89 0.20 0.34	45.16 0.36 0.00
MALONE__115KV_TB1 356076	42.60 -0.69 0.00	39.13 -0.64 0.00	35.17 -0.57 0.00	34.32 -0.45 0.00	33.53 -0.30 0.00	32.77 -0.33 0.00	32.92 -0.27 0.00	30.66 -0.37 0.00	31.62 -0.19 0.00	33.98 -0.10 0.00	37.52 -0.08 0.00	41.51 -0.33 0.00	44.44 -0.36 0.00	47.76 -0.29 0.00	52.21 -0.42 0.00	57.33 -0.76 0.00	69.87 -0.99 0.00	75.11 -0.76 0.00	71.93 -0.73 0.00	63.25 -0.96 0.00	62.76 -0.96 0.00	52.42 -1.40 0.00	47.96 -1.08 0.00	44.31 -0.49 0.00
MAPLEWOD_115KV_TB3 80458	44.89 1.60 0.00	41.28 1.51 0.00	37.02 1.29 0.00	36.02 1.25 0.00	35.02 1.18 0.00	34.23 1.13 0.00	34.28 1.10 0.00	32.06 1.02 0.00	32.64 0.83 0.00	34.90 0.82 0.00	38.58 0.98 0.00	43.05 1.21 0.00	46.23 1.43 0.00	49.59 1.54 0.00	54.42 1.79 0.00	60.35 2.27 0.00	73.76 2.91 0.00	79.05 3.19 0.00	75.71 3.05 0.00	67.11 2.89 0.00	66.58 2.87 0.00	64.09 2.48 -7.80	51.19 2.16 0.00	46.73 1.93 0.00
MAPLE_RIDGE_WT_1 323574	42.34 -0.95 0.00	38.86 -0.91 0.00	34.88 -0.86 0.00	33.97 -0.80 0.00	33.09 -0.74 0.00	32.44 -0.66 0.00	32.55 -0.63 0.00	30.51 -0.53 0.00	31.36 -0.45 0.00	33.60 -0.48 0.00	37.04 -0.56 0.00	41.13 -0.71 0.00	43.94 -0.85 0.00	47.09 -0.96 0.00	51.58 -1.05 0.00	56.86 -1.22 0.00	69.37 -1.49 0.00	74.42 -1.44 0.00	71.35 -1.31 0.00	63.00 -1.22 0.00	62.50 -1.21 0.00	52.74 -1.08 0.00	48.00 -1.03 0.00	43.91 -0.90 0.00
MAPLE_RIDGE_WT_2 323611	42.34 -0.95 0.00	38.86 -0.91 0.00	34.88 -0.86 0.00	33.97 -0.80 0.00	33.09 -0.74 0.00	32.44 -0.66 0.00	32.55 -0.63 0.00	30.51 -0.53 0.00	31.36 -0.45 0.00	33.60 -0.48 0.00	37.04 -0.56 0.00	41.13 -0.71 0.00	43.94 -0.85 0.00	47.09 -0.96 0.00	51.58 -1.05 0.00	56.86 -1.22 0.00	69.37 -1.49 0.00	74.42 -1.44 0.00	71.35 -1.31 0.00	63.00 -1.22 0.00	62.50 -1.21 0.00	52.74 -1.08 0.00	48.00 -1.03 0.00	43.91 -0.90 0.00
MARBLE_RIVER_WT_PWR 323696	42.46 -0.82 0.00	39.01 -0.76 0.00	35.06 -0.68 0.00	34.21 -0.56 0.00	33.43 -0.40 0.00	32.74 -0.36 0.00	32.82 -0.36 0.00	30.60 -0.43 0.00	31.52 -0.29 0.00	33.84 -0.24 0.00	37.34 -0.26 0.00	41.38 -0.46 0.00	44.30 -0.49 0.00	47.57 -0.48 0.00	51.89 -0.74 0.00	57.04 -1.04 0.00	69.51 -1.35 0.00	74.42 -1.44 0.00	71.35 -1.31 0.00	62.80 -1.41 0.00	62.25 -1.46 0.00	52.47 -1.34 0.00	47.96 -1.08 0.00	44.13 -0.67 0.00
MARSHVLE_115KV_TB1 80742	44.98 1.69 0.00	41.28 1.51 0.00	37.02 1.29 0.00	36.09 1.32 0.00	35.02 1.18 0.00	34.30 1.19 0.00	34.05 0.86 0.00	31.63 0.59 0.00	32.06 0.25 0.00	34.29 0.20 0.00	37.86 0.26 0.00	42.22 0.38 0.00	45.29 0.49 0.00	48.96 0.91 0.00	53.89 1.26 0.00	59.94 1.86 0.00	73.47 2.69 0.08	79.55 3.72 0.03	76.42 3.78 0.02	68.14 3.92 0.00	67.85 4.14 0.00	66.85 3.34 -9.70	51.68 2.65 0.00	46.96 2.15 0.00
MARSH_HILL_WT_PWR 323713	84.91 -2.30 -43.92	74.66 -2.27 -37.15	60.36 -2.18 -26.80	48.11 -2.43 -15.77	31.88 -2.44 -0.48	32.89 -2.15 -1.93	33.43 -1.69 -1.93	41.95 -1.40 -12.31	32.76 -1.66 -2.61	37.06 -1.70 -4.68	53.68 -1.88 -17.96	78.47 -2.26 -38.88	84.53 -2.60 -42.33	88.23 -2.74 -42.92	103.47 -4.05 -54.89	121.43 -4.07 -67.41	143.99 -4.82 -77.96	155.45 -4.55 -84.14	150.51 -4.22 -82.07	115.22 -3.27 -54.28	98.31 -3.12 -37.72	98.46 -2.74 -47.38	82.24 -2.06 -35.26	78.89 -1.75 -35.84
MCINTYRE_115KV_TB2 80467	43.07 -0.22 0.00	39.61 -0.16 0.00	35.56 -0.18 0.00	34.70 -0.07 0.00	33.83 0.00 0.00	32.97 -0.13 0.00	33.02 -0.17 0.00	30.63 -0.40 0.00	31.46 -0.35 0.00	33.71 -0.37 0.00	37.22 -0.38 0.00	41.21 -0.63 0.00	44.08 -0.72 0.00	47.33 -0.72 0.00	51.89 -0.74 0.00	56.86 -1.22 0.00	69.51 -1.35 0.00	74.88 -0.99 0.00	71.86 -0.80 0.00	63.51 -0.71 0.00	62.95 -0.76 0.00	52.36 -1.45 0.00	47.96 -1.08 0.00	44.40 -0.40 0.00
MECO____69_KV_BK1 80468	45.76 2.47 0.00	42.00 2.23 0.00	37.67 1.93 0.00	36.75 1.98 0.00	35.63 1.79 0.00	34.89 1.79 0.00	34.64 1.46 0.00	32.12 1.09 0.00	32.45 0.64 0.00	34.63 0.55 0.00	38.24 0.64 0.00	42.55 0.71 0.00	45.78 0.99 0.00	49.63 1.59 0.00	54.63 2.00 0.00	60.99 2.90 0.00	74.90 4.11 0.07	81.15 5.31 0.03	78.02 5.38 0.01	69.61 5.39 0.00	69.38 5.67 0.00	68.80 4.63 -10.36	52.86 3.82 0.00	47.99 3.18 0.00

MENANDS__115KV_TB5 355628	44.67 1.39 0.00	41.08 1.31 0.00	36.92 1.18 0.00	35.88 1.11 0.00	34.88 1.05 0.00	34.10 0.99 0.00	34.15 0.96 0.00	31.97 0.93 0.00	32.54 0.73 0.00	34.80 0.72 0.00	38.46 0.86 0.00	42.89 1.05 0.00	46.09 1.30 0.00	49.39 1.35 0.00	54.16 1.53 0.00	60.06 1.97 0.00	73.34 2.48 0.00	78.52 2.66 0.00	75.27 2.62 0.00	66.66 2.44 0.00	66.13 2.42 0.00	63.54 2.15 -7.57	50.90 1.86 0.00	46.46 1.66 0.00
MG INDUSTRY__DRP 24185	44.72 1.43 0.00	41.12 1.35 0.00	36.92 1.18 0.00	35.95 1.18 0.00	34.92 1.08 0.00	34.16 1.06 0.00	34.18 1.00 0.00	31.91 0.87 0.00	32.41 0.60 0.00	34.63 0.55 0.00	38.28 0.68 0.00	42.68 0.84 0.00	45.83 1.03 0.00	49.20 1.15 0.00	54.00 1.37 0.00	59.88 1.80 0.00	73.20 2.34 0.00	78.44 2.58 0.00	75.20 2.54 0.00	66.59 2.38 0.00	66.13 2.42 0.00	61.39 2.10 -5.47	50.95 1.91 0.00	46.51 1.70 0.00
MID__OSWEGATCHIE_HYD 23849	42.81 -0.48 0.00	39.29 -0.48 0.00	35.20 -0.54 0.00	34.25 -0.52 0.00	33.36 -0.47 0.00	32.51 -0.60 0.00	32.59 -0.60 0.00	30.48 -0.56 0.00	31.33 -0.48 0.00	33.60 -0.48 0.00	37.11 -0.49 0.00	41.13 -0.71 0.00	43.81 -0.99 0.00	47.04 -1.01 0.00	51.79 -0.84 0.00	56.57 -1.51 0.00	69.23 -1.63 0.00	74.58 -1.29 0.00	71.27 -1.38 0.00	62.87 -1.35 0.00	62.25 -1.47 0.00	51.88 -1.94 0.00	47.37 -1.67 0.00	43.91 -0.90 0.00
MID__RAQUETTE_HYD 23851	42.38 -0.91 0.00	38.90 -0.87 0.00	34.92 -0.82 0.00	34.04 -0.73 0.00	33.22 -0.61 0.00	32.34 -0.76 0.00	32.42 -0.76 0.00	30.20 -0.84 0.00	31.08 -0.73 0.00	33.37 -0.72 0.00	36.85 -0.75 0.00	40.79 -1.05 0.00	43.63 -1.16 0.00	46.85 -1.20 0.00	51.37 -1.26 0.00	56.23 -1.86 0.00	68.66 -2.20 0.00	73.89 -1.97 0.00	70.77 -1.89 0.00	62.36 -1.86 0.00	61.80 -1.91 0.00	51.55 -2.26 0.00	47.22 -1.81 0.00	43.68 -1.12 0.00
MILLIKEN__1 23584	47.12 0.30 -3.53	43.04 0.28 -2.99	38.18 0.29 -2.15	36.25 0.21 -1.27	34.01 0.14 -0.04	33.39 0.13 -0.16	33.51 0.17 -0.16	32.24 0.22 -0.99	32.08 0.06 -0.21	34.56 0.10 -0.38	39.12 0.08 -1.44	45.01 0.04 -3.12	48.07 0.00 -3.27	51.23 -0.05 -3.23	56.75 0.00 -4.12	63.24 0.12 -5.04	76.53 0.21 -5.46	82.47 0.61 -6.00	79.14 0.58 -5.91	68.63 0.51 -3.90	66.99 0.64 -2.64	58.40 0.54 -4.05	51.92 0.25 -2.64	47.88 0.18 -2.89
MILLIKEN__2 23585	47.12 0.30 -3.53	43.04 0.28 -2.99	38.18 0.29 -2.15	36.25 0.21 -1.27	34.01 0.14 -0.04	33.39 0.13 -0.16	33.51 0.17 -0.16	32.24 0.22 -0.99	32.08 0.06 -0.21	34.56 0.10 -0.38	39.12 0.08 -1.44	45.01 0.04 -3.12	48.07 0.00 -3.27	51.23 -0.05 -3.23	56.75 0.00 -4.12	63.24 0.12 -5.04	76.53 0.21 -5.46	82.47 0.61 -6.00	79.14 0.58 -5.91	68.63 0.51 -3.90	66.99 0.64 -2.64	58.40 0.54 -4.05	51.92 0.25 -2.64	47.88 0.18 -2.89
MILLIKEN__DIESEL 23629	47.12 0.30 -3.53	43.04 0.28 -2.99	38.18 0.29 -2.15	36.25 0.21 -1.27	34.01 0.14 -0.04	33.39 0.13 -0.16	33.51 0.17 -0.16	32.24 0.22 -0.99	32.08 0.06 -0.21	34.56 0.10 -0.38	39.12 0.08 -1.44	45.01 0.04 -3.12	48.07 0.00 -3.27	51.23 -0.05 -3.23	56.75 0.00 -4.12	63.24 0.12 -5.04	76.53 0.21 -5.46	82.47 0.61 -6.00	79.14 0.58 -5.91	68.63 0.51 -3.90	66.99 0.64 -2.64	58.40 0.54 -4.05	51.92 0.25 -2.64	47.88 0.18 -2.89
MILLSEAT__LFGE 323607	32.19 -3.90 7.20	30.25 -3.26 6.26	28.52 -2.82 4.40	29.22 -2.96 2.59	30.71 -3.04 0.08	29.86 -2.91 0.33	30.17 -2.69 0.33	26.73 -2.23 2.07	29.02 -2.35 0.44	30.89 -2.42 0.78	32.21 -2.44 2.95	32.49 -2.97 6.38	33.14 -3.63 8.03	35.33 -3.80 8.92	35.65 -5.42 11.56	37.85 -5.81 14.42	43.09 -7.72 20.04	47.64 -7.74 20.48	45.79 -7.41 19.46	45.11 -6.10 13.01	48.08 -5.99 9.65	38.87 -5.11 9.83	37.21 -4.27 7.56	34.89 -4.03 5.88
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	46.10 2.81 0.00	42.20 2.43 0.00	37.81 2.07 0.00	36.65 1.88 0.00	35.63 1.79 0.00	34.83 1.72 0.00	34.94 1.76 0.00	32.93 1.89 0.00	33.81 2.00 0.00	36.16 2.08 0.00	40.19 2.59 0.00	45.06 3.22 0.00	48.42 3.63 0.00	52.04 3.99 0.00	56.84 4.21 0.00	62.79 4.70 0.00	76.53 5.74 0.07	81.98 6.15 0.03	78.16 5.52 0.01	69.03 4.82 0.00	68.56 4.84 0.00	60.45 4.31 -2.33	52.96 3.92 0.00	48.17 3.36 0.00
MILLWOOD_13_KV_LOAD 356217	46.23 2.94 0.00	42.32 2.55 0.00	37.88 2.14 0.00	36.72 1.95 0.00	35.69 1.86 0.00	34.89 1.79 0.00	35.01 1.83 0.00	32.99 1.96 0.00	33.88 2.07 0.00	36.23 2.15 0.00	40.31 2.71 0.00	45.19 3.35 0.00	48.56 3.76 0.00	52.18 4.13 0.00	57.00 4.37 0.00	63.02 4.94 0.00	76.74 5.95 0.07	82.36 6.52 0.03	78.45 5.81 0.01	69.23 5.01 0.00	68.81 5.10 0.00	60.67 4.52 -2.33	53.10 4.07 0.00	48.30 3.49 0.00
MODEL_CITY_ENERGY 24167	29.72 -4.94 8.63	28.03 -4.14 7.60	26.79 -3.68 5.27	27.88 -3.79 3.11	29.81 -3.92 0.10	28.97 -3.74 0.40	29.34 -3.45 0.40	25.60 -2.92 2.52	28.19 -3.08 0.53	29.98 -3.17 0.93	30.75 -3.31 3.54	30.22 -3.98 7.64	30.64 -4.75 9.40	32.73 -5.00 10.32	32.43 -6.79 13.41	34.00 -7.38 16.70	37.49 -9.92 23.45	42.06 -10.16 23.64	40.52 -9.73 22.41	41.34 -8.03 14.85	44.88 -7.90 10.93	35.69 -6.73 11.39	34.64 -5.64 8.76	32.56 -5.15 7.09
MODERN_LFGE__ 323580	29.72 -4.94 8.63	28.03 -4.14 7.60	26.79 -3.68 5.27	27.88 -3.79 3.11	29.81 -3.92 0.10	28.97 -3.74 0.40	29.34 -3.45 0.40	25.60 -2.92 2.52	28.19 -3.08 0.53	29.98 -3.17 0.93	30.75 -3.31 3.54	30.22 -3.98 7.64	30.64 -4.75 9.40	32.73 -5.00 10.32	32.43 -6.79 13.41	34.00 -7.38 16.70	37.49 -9.92 23.45	42.06 -10.16 23.64	40.52 -9.73 22.41	41.34 -8.03 14.85	44.88 -7.90 10.93	35.69 -6.73 11.39	34.64 -5.64 8.76	32.56 -5.15 7.09
MOHAWK_PAPER__DRP 24187	44.89 1.60 0.00	41.28 1.51 0.00	37.02 1.29 0.00	36.02 1.25 0.00	35.02 1.18 0.00	34.23 1.13 0.00	34.28 1.10 0.00	32.06 1.02 0.00	32.64 0.83 0.00	34.90 0.82 0.00	38.58 0.98 0.00	43.05 1.21 0.00	46.23 1.43 0.00	49.59 1.54 0.00	54.42 1.79 0.00	60.35 2.27 0.00	73.76 2.91 0.00	79.05 3.19 0.00	75.71 3.05 0.00	67.11 2.89 0.00	66.58 2.87 0.00	64.09 2.48 -7.80	51.19 2.16 0.00	46.73 1.93 0.00
MOHICAN__35_KV_115KV_LD 80490	45.32 2.03 0.00	41.68 1.91 0.00	37.38 1.64 0.00	36.48 1.70 0.00	35.36 1.52 0.00	34.59 1.49 0.00	34.58 1.39 0.00	32.28 1.24 0.00	32.70 0.89 0.00	34.97 0.89 0.00	38.50 0.90 0.00	42.76 0.92 0.00	45.83 1.03 0.00	49.49 1.44 0.00	54.37 1.74 0.00	60.76 2.67 0.00	75.11 4.25 0.00	80.87 5.01 0.00	77.67 5.01 0.00	69.03 4.82 0.00	68.75 5.03 0.00	68.52 4.20 -10.50	52.42 3.38 0.00	47.58 2.78 0.00
MONGAUP__HYD 23641	45.62 2.34 0.00	41.84 2.07 0.00	37.49 1.75 0.00	36.37 1.60 0.00	35.32 1.49 0.00	34.53 1.42 0.00	34.58 1.39 0.00	32.43 1.40 0.00	33.21 1.40 0.00	35.48 1.40 0.00	39.37 1.77 0.00	44.06 2.22 0.00	47.35 2.55 0.00	50.74 2.69 0.00	55.79 3.16 0.00	61.69 3.60 0.00	75.39 4.60 0.07	81.22 5.39 0.03	77.58 4.94 0.02	68.52 4.30 0.00	68.17 4.46 0.00	59.79 3.82 -2.16	52.37 3.34 0.00	47.58 2.78 0.00

MONTAUK___DIESEL 23721	48.27 4.98 0.00	44.66 4.89 0.00	39.67 3.93 0.00	38.53 3.76 0.00	37.86 4.03 0.00	36.68 3.58 0.00	36.93 3.75 0.00	35.29 4.25 0.00	36.73 4.93 0.01	39.33 5.25 0.00	47.00 5.90 -3.50	52.76 6.57 -4.35	53.79 6.85 -2.15	57.53 7.21 -2.27	61.68 6.95 -2.10	65.53 5.69 -1.75	77.86 7.09 0.08	82.42 6.60 0.04	80.88 6.39 -1.84	69.30 5.07 0.00	65.78 4.01 1.95	60.14 3.98 -2.34	53.50 4.46 0.00	49.20 4.39 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	27.66 -4.50 11.13	26.49 -3.82 9.46	25.52 -3.43 6.79	27.26 -3.51 4.00	30.19 -3.52 0.12	29.23 -3.38 0.49	29.67 -3.02 0.49	25.36 -2.54 3.14	28.54 -2.61 0.66	30.34 -2.56 1.19	30.49 -2.56 4.55	28.85 -3.14 9.85	29.12 -3.94 11.74	30.38 -5.05 12.63	31.24 -5.53 15.87	32.81 -5.58 19.70	36.67 -7.16 27.03	42.09 -6.52 27.25	40.68 -6.03 25.95	42.42 -4.62 17.17	46.30 -4.91 12.50	36.81 -3.61 13.40	35.13 -3.58 10.33	32.73 -3.27 8.80
MORRIS_RIDGE___SOLAR 323848	-3.75 -2.64 44.40	-0.24 -2.43 37.59	6.43 -2.22 27.09	16.46 -2.37 15.94	30.97 -2.37 0.49	28.93 -2.22 1.96	29.24 -1.99 1.96	16.82 -1.77 12.45	27.17 -2.00 2.64	27.27 -2.08 4.73	17.19 -2.25 18.15	-0.10 -2.63 39.31	-2.16 -2.96 44.00	-0.49 -3.08 45.46	-9.65 -4.26 58.02	-17.78 -4.42 71.45	-21.63 -5.45 87.03	-21.63 -5.31 92.18	-21.63 -5.01 89.27	1.03 -4.11 59.08	18.16 -3.82 41.73	1.27 -3.28 49.26	9.04 -2.60 37.40	6.38 -2.42 36.01
MORTIMER_115KV_TB3 55949	38.42 -2.94 1.93	35.54 -2.59 1.65	32.38 -2.18 1.18	31.82 -2.26 0.69	31.58 -2.23 0.02	30.80 -2.22 0.09	30.97 -2.12 0.09	28.72 -1.77 0.55	29.91 -1.78 0.12	32.10 -1.77 0.21	35.04 -1.77 0.79	38.00 -2.13 1.71	39.31 -2.55 2.94	40.93 -3.36 3.75	43.86 -3.79 4.98	47.67 -4.07 6.35	57.08 -5.17 8.60	60.80 -5.46 9.60	58.25 -5.23 9.17	53.16 -4.56 6.50	54.14 -4.46 5.12	45.91 -3.34 4.57	42.42 -3.29 3.33	40.07 -3.14 1.59
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	46.58 3.29 0.00	42.59 2.82 0.00	38.17 2.43 0.00	36.93 2.16 0.00	35.90 2.06 0.00	35.09 1.99 0.00	35.24 2.06 0.00	33.27 2.23 0.00	34.46 2.39 -0.26	36.57 2.49 0.00	40.72 3.05 -0.08	46.42 3.72 -0.85	58.38 4.17 -9.42	59.84 4.56 -7.23	60.77 4.79 -3.35	63.57 5.34 -0.14	77.38 6.45 -0.07	82.76 6.90 0.01	78.89 6.25 0.01	69.55 5.33 0.00	69.19 5.48 0.00	61.02 4.84 -2.36	53.52 4.46 -0.02	48.67 3.85 -0.01
MUNSVILLE_WIND_PWR 323609	47.46 1.69 -2.49	43.42 1.55 -2.11	38.61 1.36 -1.52	36.95 1.29 -0.89	35.08 1.22 -0.03	34.34 1.13 -0.11	34.22 0.93 -0.11	32.57 0.84 -0.70	32.43 0.48 -0.15	34.86 0.51 -0.27	39.33 0.71 -1.02	44.84 0.79 -2.20	47.52 0.49 -2.23	50.82 0.62 -2.15	56.54 1.16 -2.75	62.53 1.10 -3.34	76.04 1.84 -3.34	82.31 2.65 -3.79	78.69 2.25 -3.78	68.62 1.92 -2.48	67.07 1.72 -1.63	57.94 0.70 -3.43	51.27 0.49 -1.75	47.48 0.63 -2.05
N SALMON___HYD 24042	42.59 -0.69 0.00	39.13 -0.64 0.00	35.17 -0.57 0.00	34.32 -0.45 0.00	33.53 -0.31 0.00	32.77 -0.33 0.00	32.92 -0.27 0.00	30.66 -0.37 0.00	31.62 -0.19 0.00	33.98 -0.10 0.00	37.52 -0.08 0.00	41.50 -0.34 0.00	44.44 -0.36 0.00	47.76 -0.29 0.00	52.10 -0.53 0.00	57.33 -0.76 0.00	69.87 -0.99 0.00	75.11 -0.76 0.00	71.93 -0.73 0.00	63.26 -0.96 0.00	62.76 -0.95 0.00	52.58 -1.24 0.00	47.96 -1.08 0.00	44.31 -0.49 0.00
N.AKRON__115KV_KNAPP 355671	31.90 -3.94 7.45	29.95 -3.34 6.48	28.29 -2.89 4.55	29.07 -3.03 2.68	30.64 -3.11 0.08	29.79 -2.98 0.34	30.09 -2.75 0.34	26.59 -2.30 2.15	28.94 -2.42 0.45	30.83 -2.45 0.80	32.07 -2.48 3.05	32.23 -3.01 6.60	32.81 -3.72 8.27	33.94 -4.95 9.16	35.24 -5.53 11.87	37.30 -5.98 14.80	42.41 -7.87 20.58	46.75 -8.12 20.99	45.16 -7.56 19.94	44.67 -6.23 13.32	47.74 -6.12 9.86	39.21 -4.52 10.09	36.91 -4.36 7.76	34.64 -4.08 6.08
N.BELMOR_69_KV_BK1 55787	47.23 3.94 0.00	43.23 3.46 0.00	38.38 2.64 0.00	37.10 2.33 0.00	36.20 2.37 0.00	35.16 2.05 0.00	35.27 2.09 0.00	33.49 2.45 0.00	34.82 3.02 0.01	37.11 3.03 0.00	44.89 3.80 -3.50	50.71 4.52 -4.35	51.96 5.02 -2.15	53.71 5.53 -0.14	58.37 5.68 -0.06	63.19 5.11 0.01	77.31 6.52 0.07	82.13 6.30 0.03	78.30 5.67 0.02	68.90 4.69 0.01	67.57 4.78 0.92	60.35 4.20 -2.33	53.30 4.27 0.00	49.02 4.21 0.00
N.E._GEN_SANDY PD 24062	45.28 1.99 0.00	41.68 1.91 0.00	37.49 1.68 -0.07	36.30 1.53 0.00	35.59 1.49 -0.27	34.49 1.39 0.00	34.55 1.36 0.00	32.40 1.36 0.00	32.99 1.18 0.00	35.24 1.16 0.00	38.95 1.35 0.00	43.56 1.72 0.00	46.72 1.92 0.00	49.97 1.92 0.00	55.00 2.37 0.00	60.70 2.62 0.00	74.05 3.19 0.00	76.67 3.42 2.61	77.58 3.49 -1.44	72.08 3.21 -4.65	63.23 3.00 3.48	61.10 2.74 -4.54	51.58 2.55 0.00	47.00 2.19 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	46.01 2.73 0.00	42.12 2.35 0.00	37.74 2.00 0.00	36.55 1.77 0.00	35.56 1.73 0.00	34.76 1.66 0.00	34.84 1.66 0.00	32.84 1.80 0.00	33.72 1.91 0.00	36.06 1.98 0.00	40.08 2.48 0.00	44.94 3.10 0.00	48.33 3.54 0.00	51.94 3.89 0.00	56.79 4.16 0.00	62.73 4.65 0.00	76.46 5.67 0.07	81.98 6.15 0.03	78.09 5.45 0.01	68.97 4.75 0.00	68.49 4.78 0.00	60.29 4.20 -2.27	52.86 3.82 0.00	48.08 3.27 0.00
N.QUEENS_27_KV_LOAD 356247	47.01 3.72 0.00	42.83 3.06 0.00	38.35 2.61 0.00	37.03 2.26 0.00	36.00 2.17 0.00	35.32 2.22 0.00	35.37 2.19 0.00	33.43 2.39 0.00	34.56 2.51 -0.23	36.67 2.59 0.00	40.83 3.16 -0.07	46.49 3.89 -0.76	57.54 4.39 -8.36	59.35 4.71 -6.59	57.55 4.84 -0.08	63.61 5.40 -0.12	77.44 6.52 -0.06	82.84 6.98 0.01	78.53 5.89 0.01	69.15 4.94 0.01	69.00 5.29 0.00	61.02 4.84 -2.36	53.61 4.56 -0.02	48.89 4.08 -0.01
N.TROY___115KV_TB1 355778	45.06 1.77 0.00	41.44 1.67 0.00	37.20 1.47 0.00	36.20 1.43 0.00	35.19 1.35 0.00	34.36 1.26 0.00	34.41 1.23 0.00	32.18 1.15 0.00	32.73 0.92 0.00	34.97 0.89 0.00	38.61 1.02 0.00	43.05 1.21 0.00	46.23 1.43 0.00	49.59 1.54 0.00	54.42 1.79 0.00	60.35 2.27 0.00	73.91 3.05 0.00	79.13 3.26 0.00	75.92 3.27 0.00	67.36 3.15 0.00	66.71 2.99 0.00	65.70 2.69 -9.20	51.39 2.35 0.00	46.82 2.02 0.00
NARROWS_GT1_1 24228	47.06 3.76 -0.01	42.95 3.18 0.00	38.45 2.71 0.00	37.17 2.40 0.00	36.13 2.30 0.00	35.25 2.15 0.00	35.37 2.19 0.00	33.46 2.42 0.00	34.47 2.42 -0.24	36.81 2.73 0.00	41.01 3.35 -0.07	46.51 3.89 -0.78	57.82 4.44 -8.59	59.25 4.61 -6.59	60.79 5.10 -3.06	63.73 5.52 -0.13	77.51 6.59 -0.06	83.07 7.21 0.01	78.96 6.32 0.01	69.55 5.33 0.00	69.38 5.67 0.00	61.34 5.17 -2.36	54.01 4.95 -0.02	49.17 4.34 -0.02
NARROWS_GT1_2 24229	47.06 3.76 -0.01	42.95 3.18 0.00	38.45 2.71 0.00	37.17 2.40 0.00	36.13 2.30 0.00	35.25 2.15 0.00	35.37 2.19 0.00	33.46 2.42 0.00	34.47 2.42 -0.24	36.81 2.73 0.00	41.01 3.35 -0.07	46.51 3.89 -0.78	57.82 4.44 -8.59	59.25 4.61 -6.59	60.79 5.10 -3.06	63.73 5.52 -0.13	77.51 6.59 -0.06	83.07 7.21 0.01	78.96 6.32 0.01	69.55 5.33 0.00	69.38 5.67 0.00	61.34 5.17 -2.36	54.01 4.95 -0.02	49.17 4.34 -0.02

NARROWS_GT1_3 24230	47.06 3.76 -0.01	42.95 3.18 0.00	38.45 2.71 0.00	37.17 2.40 0.00	36.13 2.30 0.00	35.25 2.15 0.00	35.37 2.19 0.00	33.46 2.42 0.00	34.47 2.42 -0.24	36.81 2.73 0.00	41.01 3.35 -0.07	46.51 3.89 -0.78	57.82 4.44 -8.59	59.25 4.61 -6.59	60.79 5.10 -3.06	63.73 5.52 -0.13	77.51 6.59 -0.06	83.07 7.21 0.01	78.96 6.32 0.01	69.55 5.33 0.00	69.38 5.67 0.00	61.34 5.17 -2.36	54.01 4.95 -0.02	49.17 4.34 -0.02
NARROWS_GT1_4 24231	47.06 3.76 -0.01	42.95 3.18 0.00	38.45 2.71 0.00	37.17 2.40 0.00	36.13 2.30 0.00	35.25 2.15 0.00	35.37 2.19 0.00	33.46 2.42 0.00	34.47 2.42 -0.24	36.81 2.73 0.00	41.01 3.35 -0.07	46.51 3.89 -0.78	57.82 4.44 -8.59	59.25 4.61 -6.59	60.79 5.10 -3.06	63.73 5.52 -0.13	77.51 6.59 -0.06	83.07 7.21 0.01	78.96 6.32 0.01	69.55 5.33 0.00	69.38 5.67 0.00	61.34 5.17 -2.36	54.01 4.95 -0.02	49.17 4.34 -0.02
NARROWS_GT1_5 24232	47.06 3.76 -0.01	42.95 3.18 0.00	38.45 2.71 0.00	37.17 2.40 0.00	36.13 2.30 0.00	35.25 2.15 0.00	35.37 2.19 0.00	33.46 2.42 0.00	34.47 2.42 -0.24	36.81 2.73 0.00	41.01 3.35 -0.07	46.51 3.89 -0.78	57.82 4.44 -8.59	59.25 4.61 -6.59	60.79 5.10 -3.06	63.73 5.52 -0.13	77.51 6.59 -0.06	83.07 7.21 0.01	78.96 6.32 0.01	69.55 5.33 0.00	69.38 5.67 0.00	61.34 5.17 -2.36	54.01 4.95 -0.02	49.17 4.34 -0.02
NARROWS_GT1_6 24233	47.06 3.76 -0.01	42.95 3.18 0.00	38.45 2.71 0.00	37.17 2.40 0.00	36.13 2.30 0.00	35.25 2.15 0.00	35.37 2.19 0.00	33.46 2.42 0.00	34.47 2.42 -0.24	36.81 2.73 0.00	41.01 3.35 -0.07	46.51 3.89 -0.78	57.82 4.44 -8.59	59.25 4.61 -6.59	60.79 5.10 -3.06	63.73 5.52 -0.13	77.51 6.59 -0.06	83.07 7.21 0.01	78.96 6.32 0.01	69.55 5.33 0.00	69.38 5.67 0.00	61.34 5.17 -2.36	54.01 4.95 -0.02	49.17 4.34 -0.02
NARROWS_GT1_7 24234	47.06 3.76 -0.01	42.95 3.18 0.00	38.45 2.71 0.00	37.17 2.40 0.00	36.13 2.30 0.00	35.25 2.15 0.00	35.37 2.19 0.00	33.46 2.42 0.00	34.47 2.42 -0.24	36.81 2.73 0.00	41.01 3.35 -0.07	46.51 3.89 -0.78	57.82 4.44 -8.59	59.25 4.61 -6.59	60.79 5.10 -3.06	63.73 5.52 -0.13	77.51 6.59 -0.06	83.07 7.21 0.01	78.96 6.32 0.01	69.55 5.33 0.00	69.38 5.67 0.00	61.34 5.17 -2.36	54.01 4.95 -0.02	49.17 4.34 -0.02
NARROWS_GT1_8 24235	47.06 3.76 -0.01	42.95 3.18 0.00	38.45 2.71 0.00	37.17 2.40 0.00	36.13 2.30 0.00	35.25 2.15 0.00	35.37 2.19 0.00	33.46 2.42 0.00	34.47 2.42 -0.24	36.81 2.73 0.00	41.01 3.35 -0.07	46.51 3.89 -0.78	57.82 4.44 -8.59	59.25 4.61 -6.59	60.79 5.10 -3.06	63.73 5.52 -0.13	77.51 6.59 -0.06	83.07 7.21 0.01	78.96 6.32 0.01	69.55 5.33 0.00	69.38 5.67 0.00	61.34 5.17 -2.36	54.01 4.95 -0.02	49.17 4.34 -0.02
NARROWS_GT2_1 24236	47.06 3.76 -0.01	42.95 3.18 0.00	38.45 2.71 0.00	37.17 2.40 0.00	36.13 2.30 0.00	35.25 2.15 0.00	35.37 2.19 0.00	33.46 2.42 0.00	34.47 2.42 -0.24	36.81 2.73 0.00	41.01 3.35 -0.07	46.51 3.89 -0.78	57.82 4.44 -8.59	59.25 4.61 -6.59	60.79 5.10 -3.06	63.73 5.52 -0.13	77.51 6.59 -0.06	83.07 7.21 0.01	78.96 6.32 0.01	69.55 5.33 0.00	69.38 5.67 0.00	61.34 5.17 -2.36	54.01 4.95 -0.02	49.17 4.34 -0.02
NARROWS_GT2_2 24237	47.06 3.76 -0.01	42.95 3.18 0.00	38.45 2.71 0.00	37.17 2.40 0.00	36.13 2.30 0.00	35.25 2.15 0.00	35.37 2.19 0.00	33.46 2.42 0.00	34.47 2.42 -0.24	36.81 2.73 0.00	41.01 3.35 -0.07	46.51 3.89 -0.78	57.82 4.44 -8.59	59.25 4.61 -6.59	60.79 5.10 -3.06	63.73 5.52 -0.13	77.51 6.59 -0.06	83.07 7.21 0.01	78.96 6.32 0.01	69.55 5.33 0.00	69.38 5.67 0.00	61.34 5.17 -2.36	54.01 4.95 -0.02	49.17 4.34 -0.02
NARROWS_GT2_3 24238	47.06 3.76 -0.01	42.95 3.18 0.00	38.45 2.71 0.00	37.17 2.40 0.00	36.13 2.30 0.00	35.25 2.15 0.00	35.37 2.19 0.00	33.46 2.42 0.00	34.47 2.42 -0.24	36.81 2.73 0.00	41.01 3.35 -0.07	46.51 3.89 -0.78	57.82 4.44 -8.59	59.25 4.61 -6.59	60.79 5.10 -3.06	63.73 5.52 -0.13	77.51 6.59 -0.06	83.07 7.21 0.01	78.96 6.32 0.01	69.55 5.33 0.00	69.38 5.67 0.00	61.34 5.17 -2.36	54.01 4.95 -0.02	49.17 4.34 -0.02
NARROWS_GT2_4 24239	47.06 3.76 -0.01	42.95 3.18 0.00	38.45 2.71 0.00	37.17 2.40 0.00	36.13 2.30 0.00	35.25 2.15 0.00	35.37 2.19 0.00	33.46 2.42 0.00	34.47 2.42 -0.24	36.81 2.73 0.00	41.01 3.35 -0.07	46.51 3.89 -0.78	57.82 4.44 -8.59	59.25 4.61 -6.59	60.79 5.10 -3.06	63.73 5.52 -0.13	77.51 6.59 -0.06	83.07 7.21 0.01	78.96 6.32 0.01	69.55 5.33 0.00	69.38 5.67 0.00	61.34 5.17 -2.36	54.01 4.95 -0.02	49.17 4.34 -0.02
NARROWS_GT2_5 24240	47.06 3.76 -0.01	42.95 3.18 0.00	38.45 2.71 0.00	37.17 2.40 0.00	36.13 2.30 0.00	35.25 2.15 0.00	35.37 2.19 0.00	33.46 2.42 0.00	34.47 2.42 -0.24	36.81 2.73 0.00	41.01 3.35 -0.07	46.51 3.89 -0.78	57.82 4.44 -8.59	59.25 4.61 -6.59	60.79 5.10 -3.06	63.73 5.52 -0.13	77.51 6.59 -0.06	83.07 7.21 0.01	78.96 6.32 0.01	69.55 5.33 0.00	69.38 5.67 0.00	61.34 5.17 -2.36	54.01 4.95 -0.02	49.17 4.34 -0.02
NARROWS_GT2_6 24241	47.06 3.76 -0.01	42.95 3.18 0.00	38.45 2.71 0.00	37.17 2.40 0.00	36.13 2.30 0.00	35.25 2.15 0.00	35.37 2.19 0.00	33.46 2.42 0.00	34.47 2.42 -0.24	36.81 2.73 0.00	41.01 3.35 -0.07	46.51 3.89 -0.78	57.82 4.44 -8.59	59.25 4.61 -6.59	60.79 5.10 -3.06	63.73 5.52 -0.13	77.51 6.59 -0.06	83.07 7.21 0.01	78.96 6.32 0.01	69.55 5.33 0.00	69.38 5.67 0.00	61.34 5.17 -2.36	54.01 4.95 -0.02	49.17 4.34 -0.02
NARROWS_GT2_7 24242	47.06 3.76 -0.01	42.95 3.18 0.00	38.45 2.71 0.00	37.17 2.40 0.00	36.13 2.30 0.00	35.25 2.15 0.00	35.37 2.19 0.00	33.46 2.42 0.00	34.47 2.42 -0.24	36.81 2.73 0.00	41.01 3.35 -0.07	46.51 3.89 -0.78	57.82 4.44 -8.59	59.25 4.61 -6.59	60.79 5.10 -3.06	63.73 5.52 -0.13	77.51 6.59 -0.06	83.07 7.21 0.01	78.96 6.32 0.01	69.55 5.33 0.00	69.38 5.67 0.00	61.34 5.17 -2.36	54.01 4.95 -0.02	49.17 4.34 -0.02
NARROWS_GT2_8 24243	47.06 3.76 -0.01	42.95 3.18 0.00	38.45 2.71 0.00	37.17 2.40 0.00	36.13 2.30 0.00	35.25 2.15 0.00	35.37 2.19 0.00	33.46 2.42 0.00	34.47 2.42 -0.24	36.81 2.73 0.00	41.01 3.35 -0.07	46.51 3.89 -0.78	57.82 4.44 -8.59	59.25 4.61 -6.59	60.79 5.10 -3.06	63.73 5.52 -0.13	77.51 6.59 -0.06	83.07 7.21 0.01	78.96 6.32 0.01	69.55 5.33 0.00	69.38 5.67 0.00	61.34 5.17 -2.36	54.01 4.95 -0.02	49.17 4.34 -0.02
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	45.24 1.95 0.00	41.60 1.83 0.00	37.31 1.57 0.00	36.34 1.56 0.00	35.25 1.42 0.00	34.43 1.32 0.00	34.38 1.19 0.00	32.03 0.99 0.00	32.48 0.67 0.00	34.66 0.58 0.00	38.35 0.75 0.00	42.80 0.96 0.00	46.00 1.21 0.00	49.44 1.39 0.00	54.47 1.84 0.00	60.52 2.44 0.00	74.26 3.40 0.00	79.96 4.10 0.00	76.65 4.00 0.00	67.88 3.66 0.00	67.47 3.76 0.00	61.94 2.85 -5.27	51.73 2.70 0.00	47.18 2.37 0.00

NCHELSEA_115KV_TR2 355582	46.10 2.81 0.00	42.24 2.47 0.00	37.85 2.11 0.00	36.68 1.91 0.00	35.66 1.83 0.00	34.86 1.75 0.00	34.91 1.73 0.00	32.84 1.80 0.00	33.65 1.84 0.00	35.99 1.91 0.00	40.04 2.44 0.00	44.89 3.05 0.00	48.29 3.49 0.00	51.94 3.89 0.00	56.84 4.21 0.00	62.91 4.82 0.00	76.74 5.95 0.07	82.36 6.52 0.03	78.45 5.81 0.01	69.23 5.01 0.00	68.75 5.03 0.00	60.64 4.41 -2.42	52.96 3.92 0.00	48.12 3.32 0.00
NEG CAPITAL___MECHNVIL 23645	45.49 2.21 0.00	41.80 2.03 0.00	37.52 1.79 0.00	36.54 1.77 0.00	35.46 1.62 0.00	34.69 1.59 0.00	34.71 1.53 0.00	32.43 1.40 0.00	32.92 1.11 0.00	35.20 1.12 0.00	38.91 1.32 0.00	43.30 1.46 0.00	46.50 1.70 0.00	50.02 1.97 0.00	55.00 2.37 0.00	61.16 3.08 0.00	74.97 4.11 0.00	80.49 4.63 0.00	77.23 4.58 0.00	68.52 4.30 0.00	68.05 4.33 0.00	67.63 3.66 -10.15	52.18 3.14 0.00	47.49 2.69 0.00
NEG CENTRAL_HIGH_ACRES 23767	38.42 -3.16 1.71	35.54 -2.78 1.45	32.30 -2.39 1.04	31.69 -2.47 0.61	31.38 -2.44 0.02	30.65 -2.38 0.08	30.79 -2.32 0.08	28.60 -1.95 0.48	29.70 -2.00 0.10	31.92 -1.98 0.18	34.87 -2.03 0.70	37.90 -2.43 1.51	39.34 -2.82 2.63	41.74 -2.93 3.38	44.31 -3.84 4.48	48.25 -4.12 5.71	58.00 -5.24 7.62	61.79 -5.46 8.61	59.04 -5.38 8.24	53.60 -4.75 5.87	54.44 -4.65 4.63	45.66 -4.04 4.11	42.46 -3.58 3.00	40.03 -3.36 1.41
NEG CENTRAL___DRP 24199	51.00 0.00 -7.71	46.30 0.00 -6.53	40.48 0.04 -4.71	37.44 -0.10 -2.77	33.75 -0.17 -0.09	33.31 -0.13 -0.34	33.46 -0.07 -0.34	33.23 0.03 -2.16	32.14 -0.13 -0.46	34.87 -0.03 -0.82	40.72 -0.04 -3.15	48.54 -0.13 -6.83	52.14 -0.18 -7.52	55.41 -0.34 -7.69	62.17 -0.32 -9.85	70.05 -0.17 -12.14	84.84 -0.07 -14.05	91.40 0.30 -15.23	87.80 0.29 -14.85	74.36 0.26 -9.89	71.08 0.45 -6.92	63.12 0.48 -8.83	55.53 0.15 -6.35	51.11 0.00 -6.30
NEG CENTRAL___INDECK 23768	77.80 -1.56 -36.07	68.85 -1.43 -30.51	56.60 -1.15 -22.01	46.37 -1.36 -12.95	32.88 -1.35 -0.40	33.37 -1.33 -1.59	33.58 -1.19 -1.59	40.09 -1.06 -10.11	32.58 -1.37 -2.14	36.50 -1.43 -3.85	50.69 -1.65 -14.75	71.73 -2.05 -31.94	76.86 -2.38 -34.44	80.37 -2.35 -34.67	90.08 -6.84 -44.29	105.24 -7.15 -54.30	124.56 -8.86 -62.56	134.40 -8.80 -67.34	130.39 -7.99 -65.72	100.90 -6.61 -43.29	87.37 -6.24 -29.90	86.86 -5.06 -38.11	76.01 -1.42 -28.40	72.75 -1.48 -29.42
NEG CENTRAL___SENECA 23627	56.13 0.35 -12.50	50.62 0.28 -10.57	43.65 0.29 -7.63	39.33 0.07 -4.49	33.97 0.00 -0.14	33.72 0.07 -0.55	33.90 0.17 -0.55	34.82 0.28 -3.50	32.58 0.03 -0.74	35.55 0.14 -1.33	42.90 0.19 -5.11	53.07 0.17 -11.06	56.94 0.13 -12.01	60.11 -0.10 -12.15	68.12 -0.05 -15.54	77.42 0.23 -19.10	93.15 0.43 -21.86	100.54 0.99 -23.69	96.81 1.02 -23.14	80.45 0.90 -15.34	75.50 1.15 -10.64	68.61 1.08 -13.72	59.66 0.64 -9.99	55.46 0.45 -10.21
NEG CENTRAL___STATE_STREET 24147	45.47 -0.30 -2.48	41.59 -0.28 -2.10	37.04 -0.21 -1.52	35.39 -0.28 -0.89	33.52 -0.34 -0.03	32.88 -0.33 -0.11	33.00 -0.30 -0.11	31.55 -0.19 -0.70	31.67 -0.29 -0.15	34.14 -0.20 -0.26	38.35 -0.26 -1.02	43.70 -0.33 -2.20	46.81 -0.40 -2.42	50.05 -0.48 -2.48	55.26 -0.53 -3.16	61.57 -0.41 -3.90	74.89 -0.50 -4.53	80.45 -0.30 -4.89	77.13 -0.29 -4.77	67.07 -0.32 -3.17	65.75 -0.19 -2.22	56.76 -0.11 -3.05	50.73 -0.34 -2.04	46.42 -0.40 -2.02
NEG MILLWOOD___DRP 24198	46.36 3.07 0.00	42.43 2.66 0.00	38.03 2.29 0.00	36.86 2.09 0.00	35.83 2.00 0.00	35.02 1.92 0.00	35.11 1.92 0.00	33.02 1.99 0.00	33.91 2.10 0.00	36.26 2.18 0.00	40.42 2.82 0.00	45.35 3.51 0.00	48.78 3.99 0.00	52.47 4.42 0.00	57.42 4.79 0.00	63.49 5.40 0.00	77.45 6.66 0.07	83.12 7.28 0.03	79.11 6.47 0.01	69.74 5.52 0.00	69.32 5.61 0.00	61.18 4.95 -2.41	53.35 4.32 0.00	48.48 3.67 0.00
NEG NORTH_FLCN_SEA 23793	42.85 -0.43 0.00	39.37 -0.40 0.00	35.38 -0.36 0.00	34.53 -0.24 0.00	33.77 -0.07 0.00	33.04 -0.07 0.00	33.15 -0.03 0.00	30.91 -0.12 0.00	31.84 0.03 0.00	34.18 0.10 0.00	37.71 0.11 0.00	41.80 -0.04 0.00	44.75 -0.04 0.00	48.05 0.00 0.00	52.21 -0.42 0.00	57.04 -1.05 0.00	69.44 -1.42 0.00	74.50 -1.37 0.00	71.35 -1.31 0.00	62.81 -1.41 0.00	62.25 -1.47 0.00	52.42 -1.40 0.00	48.35 -0.69 0.00	44.58 -0.22 0.00
NEG NORTH_KES_CHATEGAY 23792	42.47 -0.82 0.00	39.01 -0.76 0.00	35.06 -0.68 0.00	34.22 -0.56 0.00	33.43 -0.41 0.00	32.74 -0.36 0.00	32.82 -0.37 0.00	30.60 -0.43 0.00	31.49 -0.32 0.00	33.81 -0.27 0.00	37.26 -0.34 0.00	41.30 -0.54 0.00	44.21 -0.58 0.00	47.52 -0.53 0.00	51.95 -0.68 0.00	57.04 -1.05 0.00	69.51 -1.35 0.00	74.50 -1.37 0.00	71.42 -1.24 0.00	62.93 -1.28 0.00	62.38 -1.34 0.00	52.36 -1.45 0.00	47.96 -1.08 0.00	44.18 -0.63 0.00
NEG NORTH___ALICE_FALLS 23915	42.85 -0.43 0.00	39.37 -0.40 0.00	35.38 -0.36 0.00	34.53 -0.24 0.00	33.77 -0.07 0.00	33.04 -0.07 0.00	33.15 -0.03 0.00	30.91 -0.12 0.00	31.84 0.03 0.00	34.22 0.14 0.00	37.75 0.15 0.00	41.80 -0.04 0.00	44.75 -0.04 0.00	48.10 0.05 0.00	52.37 -0.26 0.00	57.33 -0.76 0.00	69.87 -0.99 0.00	75.03 -0.83 0.00	71.86 -0.80 0.00	63.25 -0.96 0.00	62.69 -1.02 0.00	52.58 -1.24 0.00	48.35 -0.69 0.00	44.63 -0.18 0.00
NEG NORTH___LWR_SARANAC 23913	42.85 -0.43 0.00	39.37 -0.40 0.00	35.38 -0.36 0.00	34.53 -0.24 0.00	33.77 -0.07 0.00	33.04 -0.07 0.00	33.15 -0.03 0.00	30.91 -0.12 0.00	31.84 0.03 0.00	34.22 0.14 0.00	37.75 0.15 0.00	41.80 -0.04 0.00	44.75 -0.04 0.00	48.10 0.05 0.00	52.37 -0.26 0.00	57.33 -0.76 0.00	69.87 -0.99 0.00	75.03 -0.83 0.00	71.86 -0.80 0.00	63.25 -0.96 0.00	62.69 -1.02 0.00	52.58 -1.24 0.00	48.35 -0.69 0.00	44.63 -0.18 0.00
NEG NORTH___PLATTSBURG 23628	42.85 -0.43 0.00	39.37 -0.40 0.00	35.38 -0.36 0.00	34.53 -0.24 0.00	33.77 -0.07 0.00	33.04 -0.07 0.00	33.15 -0.03 0.00	30.91 -0.12 0.00	31.84 0.03 0.00	34.22 0.14 0.00	37.75 0.15 0.00	41.80 -0.04 0.00	44.75 -0.04 0.00	48.05 0.00 0.00	52.26 -0.37 0.00	57.33 -0.76 0.00	69.87 -0.99 0.00	75.03 -0.83 0.00	71.86 -0.80 0.00	63.26 -0.96 0.00	62.69 -1.02 0.00	52.74 -1.08 0.00	48.35 -0.69 0.00	44.63 -0.18 0.00
NEG WEST_LEA_LOCKPORT 23791	29.66 -4.76 8.87	28.13 -3.98 7.67	26.79 -3.54 5.41	27.90 -3.69 3.19	29.98 -3.76 0.10	29.10 -3.61 0.40	29.47 -3.32 0.40	25.67 -2.82 2.54	28.31 -2.96 0.54	30.10 -3.03 0.95	30.81 -3.16 3.63	30.22 -3.77 7.85	30.64 -4.52 9.63	31.64 -5.86 10.55	32.48 -6.53 13.62	33.98 -7.14 16.96	38.08 -9.28 23.49	42.23 -9.79 23.85	40.77 -9.23 22.66	41.52 -7.64 15.06	45.19 -7.45 11.07	36.65 -5.60 11.57	34.80 -5.34 8.89	32.69 -4.88 7.23
NEG WEST___LANCASTR 23811	30.47 -2.34 10.48	29.00 -1.83 8.94	27.73 -1.61 6.40	29.23 -1.77 3.77	31.92 -1.79 0.12	30.85 -1.79 0.47	31.26 -1.46 0.47	26.96 -1.12 2.96	29.94 -1.24 0.63	31.84 -1.12 1.12	32.26 -1.05 4.29	31.18 -1.38 9.28	31.81 -1.88 11.10	33.19 -2.88 11.98	34.27 -3.26 15.10	35.79 -3.54 18.76	40.45 -4.53 25.87	45.19 -4.63 26.05	43.44 -4.43 24.78	44.41 -3.40 16.40	48.44 -3.31 11.96	38.81 -2.26 12.75	36.80 -2.40 9.83	34.25 -2.24 8.32

NEG_PENN_ALLEGHNY 23528	44.76 -0.09 -1.56	41.09 0.00 -1.32	36.69 0.00 -0.95	35.23 -0.10 -0.56	33.72 -0.13 -0.02	33.07 -0.10 -0.07	33.19 -0.07 -0.07	31.53 0.06 -0.44	31.84 -0.06 -0.09	34.28 0.03 -0.17	38.35 0.11 -0.64	43.30 0.08 -1.38	46.12 0.04 -1.28	49.29 0.10 -1.14	54.05 -0.05 -1.48	59.84 0.00 -1.76	72.06 -0.07 -1.27	77.62 0.08 -1.68	74.41 0.00 -1.76	65.41 0.06 -1.13	64.50 0.13 -0.66	55.92 0.00 -2.11	49.95 0.00 -0.92	46.02 -0.09 -1.30
NEG___GEN_MONROE 24207	38.04 -3.03 2.22	35.24 -2.62 1.90	32.20 -2.18 1.35	31.71 -2.26 0.80	31.51 -2.30 0.02	30.75 -2.25 0.10	30.96 -2.12 0.10	28.57 -1.83 0.63	29.73 -1.94 0.13	31.90 -1.94 0.24	34.74 -1.96 0.91	37.53 -2.34 1.97	38.71 -2.87 3.22	40.31 -3.70 4.04	43.14 -4.16 5.34	46.88 -4.41 6.79	56.03 -5.60 9.23	59.83 -5.84 10.19	57.40 -5.52 9.73	52.61 -4.75 6.85	53.76 -4.59 5.36	45.55 -3.39 4.87	42.14 -3.33 3.56	39.84 -3.14 1.83
NEPA___ENERGY 23901	28.83 -3.55 10.91	27.56 -2.94 9.27	26.44 -2.64 6.66	28.11 -2.75 3.92	30.90 -2.81 0.12	29.91 -2.71 0.48	30.25 -2.46 0.48	25.95 -2.02 3.07	29.00 -2.16 0.65	30.80 -2.11 1.16	31.03 -2.11 4.46	29.63 -2.55 9.66	30.10 -3.18 11.52	31.52 -4.13 12.39	32.37 -4.68 15.58	33.69 -5.05 19.34	37.84 -6.45 26.57	42.57 -6.52 26.77	40.99 -6.18 25.49	42.54 -4.82 16.87	46.59 -4.84 12.29	37.01 -3.66 13.14	35.32 -3.58 10.14	32.86 -3.32 8.63
NEVERSINK___HYD 23608	45.54 2.25 0.00	41.76 1.99 0.00	37.42 1.68 0.00	36.27 1.49 0.00	35.25 1.42 0.00	34.46 1.36 0.00	34.51 1.33 0.00	32.40 1.36 0.00	33.21 1.40 0.00	35.55 1.46 0.00	39.48 1.88 0.00	44.27 2.43 0.00	47.53 2.73 0.00	50.98 2.93 0.00	56.10 3.47 0.00	61.98 3.89 0.00	75.67 4.89 0.07	81.37 5.54 0.03	77.51 4.87 0.02	68.39 4.17 0.00	67.92 4.20 0.00	59.68 3.55 -2.32	52.18 3.14 0.00	47.45 2.64 0.00
NEWKRMKL_115KV_TB1 55635	44.50 1.21 0.00	40.88 1.11 0.00	36.70 0.96 0.00	35.71 0.94 0.00	34.71 0.88 0.00	33.97 0.86 0.00	33.98 0.80 0.00	31.81 0.78 0.00	32.38 0.57 0.00	34.63 0.55 0.00	38.31 0.71 0.00	42.72 0.88 0.00	45.87 1.08 0.00	49.20 1.15 0.00	53.95 1.32 0.00	59.83 1.74 0.00	73.06 2.20 0.00	78.29 2.43 0.00	74.98 2.32 0.00	66.40 2.18 0.00	65.88 2.17 0.00	63.05 1.88 -7.35	50.65 1.62 0.00	46.28 1.48 0.00
NEWTON___FALLS_HYD 23847	42.81 -0.48 0.00	39.29 -0.48 0.00	35.20 -0.54 0.00	34.25 -0.52 0.00	33.36 -0.47 0.00	32.51 -0.60 0.00	32.59 -0.60 0.00	30.48 -0.56 0.00	31.33 -0.48 0.00	33.60 -0.48 0.00	37.11 -0.49 0.00	41.13 -0.71 0.00	43.81 -0.99 0.00	47.04 -1.01 0.00	51.79 -0.84 0.00	56.57 -1.51 0.00	69.23 -1.63 0.00	74.58 -1.29 0.00	71.27 -1.38 0.00	62.87 -1.35 0.00	62.25 -1.47 0.00	51.88 -1.94 0.00	47.37 -1.67 0.00	43.91 -0.90 0.00
NGRID_A1_DSASP 323792	28.86 -5.24 9.19	27.58 -4.41 7.78	26.20 -3.93 5.61	27.44 -4.03 3.30	29.13 -4.60 0.10	28.69 -4.01 0.40	28.83 -3.95 0.40	25.33 -3.13 2.58	27.95 -3.31 0.55	29.73 -3.37 0.98	30.31 -3.53 3.76	29.52 -4.18 8.14	29.88 -4.97 9.94	30.90 -6.29 10.86	31.93 -7.05 13.65	33.31 -7.78 16.99	36.88 -9.78 24.20	40.87 -10.92 24.07	39.11 -10.75 22.80	40.27 -8.86 15.08	44.02 -8.60 11.09	35.71 -6.51 11.59	34.05 -6.08 8.91	32.05 -5.51 7.24
NGRID_A2_DSASP 323793	28.86 -5.24 9.19	27.58 -4.41 7.78	26.20 -3.93 5.61	27.44 -4.03 3.30	29.13 -4.60 0.10	28.69 -4.01 0.40	28.83 -3.95 0.40	25.33 -3.13 2.58	27.95 -3.31 0.55	29.73 -3.37 0.98	30.31 -3.53 3.76	29.52 -4.18 8.14	29.88 -4.97 9.94	30.90 -6.29 10.86	31.93 -7.05 13.65	33.31 -7.78 16.99	36.88 -9.78 24.20	40.87 -10.92 24.07	39.11 -10.75 22.80	40.27 -8.86 15.08	44.02 -8.60 11.09	35.71 -6.51 11.59	34.05 -6.08 8.91	32.05 -5.51 7.24
NGRID_A4_DSASP 323807	28.86 -5.24 9.19	27.58 -4.41 7.78	26.20 -3.93 5.61	27.44 -4.03 3.30	29.13 -4.60 0.10	28.69 -4.01 0.40	28.83 -3.95 0.40	25.33 -3.13 2.58	27.95 -3.31 0.55	29.73 -3.37 0.98	30.31 -3.53 3.76	29.52 -4.18 8.14	29.88 -4.97 9.94	30.90 -6.29 10.86	31.93 -7.05 13.65	33.31 -7.78 16.99	36.88 -9.78 24.20	40.87 -10.92 24.07	39.11 -10.75 22.80	40.27 -8.86 15.08	44.02 -8.60 11.09	35.71 -6.51 11.59	34.05 -6.08 8.91	32.05 -5.51 7.24
NIAGARA_115E_LBMP 323715	29.40 -5.11 8.78	27.73 -4.25 7.79	26.58 -3.79 5.37	27.71 -3.89 3.16	29.67 -4.06 0.10	28.89 -3.81 0.41	29.26 -3.52 0.41	25.45 -3.01 2.58	28.08 -3.18 0.55	29.86 -3.27 0.95	30.58 -3.42 3.60	29.92 -4.14 7.78	30.31 -4.93 9.56	32.39 -5.19 10.47	31.98 -7.00 13.65	33.49 -7.61 16.99	36.57 -10.35 23.94	41.26 -10.54 24.07	39.76 -10.10 22.79	40.85 -8.28 15.08	44.40 -8.22 11.09	35.23 -6.99 11.59	34.29 -5.84 8.91	32.23 -5.33 7.24
NIAGARA_115W_LBMP 323714	28.90 -5.24 9.15	27.62 -4.42 7.73	26.22 -3.93 5.58	27.45 -4.03 3.29	29.06 -4.67 0.10	28.70 -4.01 0.40	28.80 -3.98 0.40	25.34 -3.13 2.56	27.96 -3.31 0.54	29.70 -3.41 0.98	30.29 -3.57 3.74	29.51 -4.22 8.10	29.92 -4.97 9.91	31.94 -5.29 10.82	31.88 -7.11 13.65	33.31 -7.78 16.99	36.91 -9.78 24.17	40.72 -11.08 24.07	39.03 -10.83 22.79	40.27 -8.86 15.08	43.96 -8.66 11.09	35.02 -7.21 11.59	34.05 -6.08 8.91	32.01 -5.56 7.24
NIAGARA_230_LBMP 323716	29.42 -5.11 8.76	28.09 -4.33 7.35	26.53 -3.86 5.35	27.66 -3.96 3.14	29.74 -3.99 0.10	28.85 -3.87 0.38	29.19 -3.62 0.38	25.56 -3.04 2.43	28.05 -3.24 0.52	29.84 -3.31 0.93	30.52 -3.50 3.58	29.94 -4.14 7.76	30.33 -4.93 9.54	32.46 -5.14 10.45	32.11 -6.89 13.63	33.62 -7.49 16.97	37.30 -9.64 23.92	41.58 -10.24 24.05	40.00 -9.88 22.77	41.00 -8.16 15.06	44.55 -8.09 11.07	35.41 -6.84 11.57	34.36 -5.79 8.89	32.25 -5.33 7.22
NIAGARA___115KV_198_GIBSON 55903	28.90 -5.24 9.15	27.62 -4.41 7.73	26.19 -3.97 5.58	27.42 -4.07 3.29	29.06 -4.67 0.10	28.70 -4.01 0.40	28.80 -3.98 0.40	25.34 -3.13 2.56	27.96 -3.31 0.54	29.70 -3.41 0.98	30.29 -3.57 3.74	29.55 -4.18 8.10	29.92 -4.97 9.91	30.89 -6.34 10.82	31.88 -7.10 13.65	33.25 -7.84 16.99	36.91 -9.78 24.17	40.80 -11.00 24.07	39.04 -10.83 22.79	40.21 -8.93 15.08	43.96 -8.67 11.09	35.66 -6.57 11.59	34.00 -6.13 8.91	32.01 -5.56 7.24
NIAGARA____ 23760	29.42 -5.11 8.76	28.09 -4.33 7.35	26.53 -3.86 5.35	27.66 -3.96 3.14	29.74 -3.99 0.10	28.85 -3.87 0.38	29.18 -3.62 0.39	25.56 -3.04 2.43	28.05 -3.24 0.52	29.84 -3.31 0.93	30.52 -3.50 3.58	29.94 -4.14 7.76	30.33 -4.93 9.54	32.46 -5.14 10.45	32.11 -6.89 13.63	33.62 -7.49 16.97	37.30 -9.64 23.93	41.57 -10.24 24.05	39.99 -9.88 22.78	41.00 -8.16 15.07	44.55 -8.09 11.08	35.41 -6.84 11.57	34.36 -5.79 8.89	32.25 -5.33 7.23
NINE_MILE_1 23575	41.86 -1.43 0.00	38.50 -1.27 0.00	34.67 -1.07 0.00	33.73 -1.04 0.00	32.78 -1.05 0.00	32.08 -1.03 0.00	32.16 -1.03 0.00	30.13 -0.90 0.00	30.86 -0.95 0.00	33.09 -0.99 0.00	36.36 -1.24 0.00	40.37 -1.47 0.00	35.86 -1.66 7.28	33.69 -1.73 12.63	33.57 -1.95 17.11	33.35 -2.09 22.65	32.65 -2.62 35.59	33.30 -2.73 39.84	32.62 -2.61 37.42	34.23 -2.37 27.62	38.10 -2.36 23.26	35.01 -1.99 16.82	35.28 -1.81 11.94	43.10 -1.70 0.00

NINE_MILE_2 23744	41.86 -1.43 0.00	38.50 -1.27 0.00	34.67 -1.07 0.00	33.73 -1.04 0.00	32.78 -1.05 0.00	32.08 -1.03 0.00	32.16 -1.03 0.00	30.13 -0.90 0.00	30.89 -0.92 0.00	33.09 -0.99 0.00	36.36 -1.24 0.00	40.42 -1.42 0.00	35.76 -1.66 7.38	33.53 -1.73 12.79	33.35 -1.95 17.34	33.06 -2.09 22.94	32.18 -2.62 36.05	32.78 -2.73 40.36	32.14 -2.61 37.91	33.93 -2.31 27.97	37.80 -2.36 23.56	34.79 -1.99 17.04	35.12 -1.81 12.10	43.10 -1.70 0.00
NM_CAPITAL___DRP 24208	44.59 1.30 0.00	41.00 1.23 0.00	36.81 1.07 0.00	35.81 1.04 0.00	34.81 0.98 0.00	34.03 0.93 0.00	34.08 0.90 0.00	31.91 0.87 0.00	32.48 0.67 0.00	34.73 0.65 0.00	38.39 0.79 0.00	42.84 1.00 0.00	46.00 1.21 0.00	49.30 1.25 0.00	54.05 1.42 0.00	59.88 1.80 0.00	73.20 2.34 0.00	78.37 2.50 0.00	75.05 2.40 0.00	66.53 2.31 0.00	65.94 2.23 0.00	63.08 1.99 -7.27	50.80 1.77 0.00	46.37 1.57 0.00
NM_CENTRAL___DRP 24181	42.55 -0.74 0.00	39.13 -0.64 0.00	35.20 -0.54 0.00	34.25 -0.52 0.00	33.29 -0.54 0.00	32.54 -0.56 0.00	32.62 -0.56 0.00	30.60 -0.43 0.00	31.33 -0.48 0.00	33.64 -0.44 0.00	37.07 -0.53 0.00	41.21 -0.63 0.00	43.63 -0.76 0.40	46.49 -0.86 0.69	50.80 -0.89 0.94	55.91 -0.93 1.24	67.77 -1.13 1.95	72.47 -1.21 2.18	69.37 -1.24 2.05	61.55 -1.16 1.51	61.36 -1.08 1.27	52.03 -0.86 0.92	47.40 -0.98 0.65	43.86 -0.94 0.00
NM_FRONTIER___DRP 24179	28.90 -5.24 9.15	27.62 -4.41 7.73	26.19 -3.97 5.58	27.42 -4.07 3.29	29.06 -4.67 0.10	28.70 -4.01 0.40	28.80 -3.98 0.40	25.34 -3.13 2.56	27.96 -3.31 0.54	29.70 -3.41 0.98	30.29 -3.57 3.74	29.55 -4.18 8.10	29.92 -4.97 9.91	30.89 -6.34 10.82	31.88 -7.10 13.65	33.25 -7.84 16.99	36.91 -9.78 24.17	40.80 -11.00 24.07	39.04 -10.83 22.79	40.21 -8.93 15.08	43.96 -8.67 11.09	35.66 -6.57 11.59	34.00 -6.13 8.91	32.01 -5.56 7.24
NM_ST_REGIS___HYD 24053	42.42 -0.87 0.00	38.97 -0.80 0.00	34.99 -0.75 0.00	34.11 -0.66 0.00	33.33 -0.51 0.00	32.44 -0.66 0.00	32.55 -0.63 0.00	30.32 -0.71 0.00	31.20 -0.60 0.00	33.54 -0.55 0.00	37.04 -0.56 0.00	41.00 -0.84 0.00	43.85 -0.94 0.00	47.14 -0.91 0.00	51.58 -1.05 0.00	56.52 -1.57 0.00	69.02 -1.84 0.00	74.20 -1.67 0.00	71.06 -1.60 0.00	62.61 -1.61 0.00	62.12 -1.59 0.00	51.77 -2.04 0.00	47.42 -1.62 0.00	43.86 -0.94 0.00
NORTHPORT___1 23551	46.97 3.68 0.00	43.07 3.30 0.00	38.20 2.46 0.00	36.93 2.16 0.00	36.10 2.27 0.00	35.02 1.92 0.00	35.11 1.92 0.00	33.36 2.33 0.00	34.70 2.89 0.00	37.01 2.93 0.00	44.59 3.50 -3.50	50.41 4.22 -4.35	51.51 4.57 -2.15	52.46 4.27 -0.14	54.47 4.58 2.74	54.47 3.43 7.04	56.60 4.39 18.65	58.00 4.32 22.19	62.35 3.56 13.86	60.12 2.82 6.92	60.83 2.87 5.75	56.69 2.74 -0.13	52.37 3.34 0.00	48.57 3.76 0.00
NORTHPORT___2 23552	46.97 3.68 0.00	43.07 3.30 0.00	38.20 2.46 0.00	36.93 2.16 0.00	36.10 2.27 0.00	35.02 1.92 0.00	35.11 1.92 0.00	33.36 2.33 0.00	34.70 2.89 0.00	37.01 2.93 0.00	44.59 3.50 -3.50	50.41 4.22 -4.35	51.51 4.57 -2.15	52.46 4.27 -0.14	54.47 4.58 2.74	54.47 3.43 7.04	56.60 4.39 18.65	58.00 4.32 22.19	62.35 3.56 13.86	60.12 2.82 6.92	60.83 2.87 5.75	56.69 2.74 -0.13	52.37 3.34 0.00	48.57 3.76 0.00
NORTHPORT___3 23553	46.92 3.64 0.00	42.99 3.22 0.00	38.17 2.43 0.00	36.89 2.12 0.00	36.03 2.20 0.00	34.99 1.89 0.00	35.07 1.89 0.00	33.33 2.30 0.00	34.67 2.86 0.00	36.94 2.86 0.00	44.59 3.50 -3.50	50.37 4.18 -4.35	51.42 4.48 -2.15	52.32 4.23 -0.04	55.49 4.53 1.66	57.27 3.37 4.18	56.50 4.32 18.68	57.90 4.25 22.22	66.31 3.49 9.84	60.08 2.76 6.89	60.29 2.80 6.23	56.66 2.69 -0.16	52.32 3.29 0.00	48.52 3.72 0.00
NORTHPORT___4 23650	46.92 3.64 0.00	42.99 3.22 0.00	38.17 2.43 0.00	36.89 2.12 0.00	36.03 2.20 0.00	34.99 1.89 0.00	35.07 1.89 0.00	33.33 2.30 0.00	34.67 2.86 0.00	36.94 2.86 0.00	44.59 3.50 -3.50	50.37 4.18 -4.35	51.42 4.48 -2.15	52.32 4.23 -0.04	55.49 4.53 1.66	57.27 3.37 4.18	56.50 4.32 18.68	57.90 4.25 22.22	66.31 3.49 9.84	60.08 2.76 6.89	60.29 2.80 6.23	56.66 2.69 -0.16	52.32 3.29 0.00	48.52 3.72 0.00
NORTHPORT___IC 23718	46.97 3.68 0.00	43.07 3.30 0.00	38.20 2.47 0.00	36.93 2.16 0.00	36.10 2.27 0.00	35.02 1.92 0.00	35.11 1.92 0.00	33.36 2.33 0.00	34.69 2.89 0.01	37.01 2.93 0.00	44.59 3.50 -3.50	50.41 4.23 -4.35	51.47 4.52 -2.15	53.09 4.90 -0.14	54.37 4.47 2.74	54.53 3.49 7.04	56.74 4.53 18.65	57.77 4.10 22.19	62.35 3.56 13.86	60.13 2.83 6.92	60.83 2.87 5.75	56.53 2.58 -0.13	52.42 3.38 0.00	48.61 3.81 0.00
NORTH___COUNTRY_ESR 323785	42.42 -0.87 0.00	38.93 -0.84 0.00	34.99 -0.75 0.00	34.15 -0.62 0.00	33.39 -0.44 0.00	32.67 -0.43 0.00	32.79 -0.40 0.00	30.57 -0.46 0.00	31.49 -0.32 0.00	33.81 -0.27 0.00	37.30 -0.30 0.00	41.34 -0.50 0.00	44.26 -0.54 0.00	47.52 -0.53 0.00	51.89 -0.74 0.00	57.10 -0.99 0.00	69.51 -1.35 0.00	74.50 -1.36 0.00	71.35 -1.31 0.00	62.80 -1.41 0.00	62.25 -1.46 0.00	52.42 -1.40 0.00	47.91 -1.13 0.00	44.09 -0.72 0.00
NPX_GEN_1385_PROXY 323591	46.97 3.68 0.00	43.07 3.30 0.00	38.20 2.46 0.00	36.93 2.16 0.00	36.34 2.50 0.00	35.25 2.15 0.00	35.11 1.92 0.00	33.36 2.33 0.00	34.48 2.67 0.00	36.77 2.69 0.00	44.07 2.97 -3.50	49.82 3.64 -4.35	51.02 4.08 -2.15	51.98 3.80 -0.14	53.95 4.05 2.74	53.83 2.79 7.04	56.03 3.82 18.65	55.39 4.32 24.80	64.15 3.92 12.43	64.77 2.82 2.27	57.35 2.87 9.23	56.69 2.74 -0.13	52.03 2.99 0.00	48.12 3.32 0.00
NPX_GEN_CSC 323557	47.87 4.59 0.00	43.98 4.21 0.00	38.99 3.25 0.00	37.69 2.92 0.00	36.88 3.05 0.00	35.75 2.65 0.00	35.84 2.66 0.00	34.14 3.10 0.00	35.53 3.72 0.00	37.97 3.88 0.00	45.27 4.17 -3.50	51.12 4.93 -4.35	52.40 5.46 -2.15	55.79 5.48 -2.27	60.62 5.89 -2.10	64.25 4.41 -1.75	76.37 5.60 0.08	78.68 5.47 2.65	81.10 5.16 -3.29	73.17 4.30 -4.65	61.47 3.18 5.43	60.36 4.20 -2.34	53.35 4.32 0.00	49.15 4.34 0.00
NSINS_S_GLNS_FALLS 23858	45.24 1.95 0.00	41.60 1.83 0.00	37.31 1.57 0.00	36.41 1.63 0.00	35.25 1.42 0.00	34.53 1.42 0.00	34.51 1.33 0.00	32.22 1.18 0.00	32.64 0.83 0.00	34.90 0.82 0.00	38.43 0.83 0.00	42.68 0.84 0.00	45.74 0.94 0.00	49.39 1.35 0.00	54.26 1.63 0.00	60.64 2.56 0.00	75.04 4.18 0.00	80.80 4.93 0.00	77.60 4.94 0.00	68.97 4.75 0.00	68.68 4.97 0.00	68.50 4.14 -10.55	52.37 3.33 0.00	47.49 2.69 0.00
NUCOR_STEEL___DRP 24197	44.31 -0.26 -1.28	40.62 -0.24 -1.09	36.42 -0.11 -0.78	35.02 -0.21 -0.46	33.61 -0.24 -0.01	32.93 -0.23 -0.06	33.01 -0.23 -0.06	31.27 -0.12 -0.36	31.66 -0.22 -0.08	34.08 -0.14 -0.14	37.94 -0.19 -0.53	42.69 -0.29 -1.14	45.59 -0.40 -1.20	48.83 -0.48 -1.26	53.47 -0.53 -1.37	59.63 -0.46 -2.01	72.04 -0.57 -1.75	77.30 -0.46 -1.89	74.05 -0.44 -1.83	65.41 -0.45 -1.64	64.54 -0.32 -1.15	55.00 -0.22 -1.40	49.70 -0.39 -1.05	45.45 -0.40 -1.05

NUMBER_THREE_WT_PWR 323818	43.33 0.04 0.00	39.69 -0.08 0.00	35.38 -0.36 0.00	34.32 -0.45 0.00	33.39 -0.44 0.00	32.57 -0.53 0.00	32.72 -0.46 0.00	30.85 -0.19 0.00	31.71 -0.10 0.00	33.98 -0.10 0.00	37.56 -0.04 0.00	41.55 -0.29 0.00	44.08 -0.72 0.00	47.38 -0.67 0.00	52.21 -0.42 0.00	56.81 -1.28 0.00	69.72 -1.14 0.00	75.03 -0.83 0.00	71.64 -1.02 0.00	63.26 -0.96 0.00	62.50 -1.21 0.00	52.25 -1.56 0.00	47.57 -1.47 0.00	44.27 -0.54 0.00
NYISO_LBMP_REFERENCE 24008	43.29 0.00 0.00	39.77 0.00 0.00	35.74 0.00 0.00	34.77 0.00 0.00	33.83 0.00 0.00	33.10 0.00 0.00	33.18 0.00 0.00	31.04 0.00 0.00	31.81 0.00 0.00	34.08 0.00 0.00	37.60 0.00 0.00	41.84 0.00 0.00	44.79 0.00 0.00	48.05 0.00 0.00	52.63 0.00 0.00	58.08 0.00 0.00	70.86 0.00 0.00	75.87 0.00 0.00	72.65 0.00 0.00	64.22 0.00 0.00	63.71 0.00 0.00	53.82 0.00 0.00	49.03 0.00 0.00	44.81 0.00 0.00
NYPA_BRENTWD____GT 24164	47.66 4.37 0.00	43.71 3.94 0.00	38.74 3.00 0.00	37.41 2.64 0.00	36.57 2.74 0.00	35.46 2.35 0.00	35.54 2.36 0.00	33.83 2.79 0.00	35.18 3.37 0.00	37.56 3.48 0.00	45.23 4.14 -3.50	51.12 4.93 -4.35	52.36 5.42 -2.15	53.99 5.38 -0.56	59.30 5.84 -0.83	67.84 4.82 -4.94	76.59 5.81 0.08	81.66 5.84 0.04	79.49 5.16 -1.68	68.39 4.17 0.00	66.03 4.20 1.88	60.19 4.04 -2.34	53.35 4.32 0.00	49.24 4.44 0.00
NYPA_GOWANUS____GT5 24156	47.06 3.76 -0.01	42.95 3.18 0.00	38.45 2.71 0.00	37.17 2.40 0.00	36.13 2.30 0.00	35.25 2.15 0.00	35.37 2.19 0.00	33.46 2.42 0.00	34.47 2.42 -0.24	36.81 2.73 0.00	41.01 3.35 -0.07	46.51 3.89 -0.78	57.82 4.44 -8.59	59.25 4.61 -6.59	60.79 5.10 -3.06	63.73 5.52 -0.13	77.43 6.51 -0.06	83.07 7.21 0.01	78.96 6.32 0.01	69.55 5.33 0.00	69.38 5.67 0.00	61.34 5.17 -2.36	54.01 4.95 -0.02	49.17 4.34 -0.02
NYPA_GOWANUS____GT6 24157	47.06 3.76 -0.01	42.95 3.18 0.00	38.45 2.71 0.00	37.17 2.40 0.00	36.13 2.30 0.00	35.25 2.15 0.00	35.37 2.19 0.00	33.46 2.42 0.00	34.47 2.42 -0.24	36.81 2.73 0.00	41.01 3.35 -0.07	46.51 3.89 -0.78	57.82 4.44 -8.59	59.25 4.61 -6.59	60.79 5.10 -3.06	63.73 5.52 -0.13	77.43 6.51 -0.06	83.07 7.21 0.01	78.96 6.32 0.01	69.55 5.33 0.00	69.38 5.67 0.00	61.34 5.17 -2.36	54.01 4.95 -0.02	49.17 4.34 -0.02
NYPA_HARLEM__RVR__GT1 24160	46.92 3.64 0.00	42.75 2.98 0.00	38.28 2.54 0.00	36.96 2.19 0.00	35.97 2.13 0.00	35.25 2.15 0.00	35.31 2.13 0.00	33.33 2.30 0.00	34.26 2.42 -0.03	36.56 2.49 0.01	40.70 3.04 -0.06	46.33 3.72 -0.76	57.36 4.21 -8.36	58.96 4.33 -6.58	57.67 4.68 -0.36	63.27 5.17 -0.02	77.01 6.09 -0.05	82.45 6.60 0.02	78.30 5.67 0.02	68.96 4.75 0.01	68.80 5.10 0.01	60.85 4.68 -2.35	53.50 4.46 -0.01	48.80 3.99 -0.01
NYPA_HARLEM__RVR__GT2 24161	46.92 3.64 0.00	42.75 2.98 0.00	38.28 2.54 0.00	36.96 2.19 0.00	35.97 2.13 0.00	35.25 2.15 0.00	35.31 2.13 0.00	33.33 2.30 0.00	34.26 2.42 -0.03	36.56 2.49 0.01	40.70 3.04 -0.06	46.33 3.72 -0.76	57.36 4.21 -8.36	58.96 4.33 -6.58	57.67 4.68 -0.36	63.27 5.17 -0.02	77.01 6.09 -0.05	82.45 6.60 0.02	78.30 5.67 0.02	68.96 4.75 0.01	68.80 5.10 0.01	60.85 4.68 -2.35	53.50 4.46 -0.01	48.80 3.99 -0.01
NYPA_KENT____GT 24152	46.93 3.64 0.00	42.83 3.06 0.00	38.38 2.64 0.00	37.10 2.33 0.00	36.07 2.23 0.00	35.22 2.12 0.00	35.34 2.16 0.00	33.43 2.39 0.00	34.50 2.45 -0.24	36.77 2.69 0.00	40.94 3.27 -0.07	46.46 3.85 -0.78	57.77 4.39 -8.59	59.15 4.52 -6.59	60.69 5.00 -3.06	63.62 5.40 -0.13	77.37 6.45 -0.06	82.91 7.06 0.01	78.81 6.17 0.01	69.42 5.20 0.00	69.25 5.54 0.00	61.23 5.06 -2.36	53.86 4.81 -0.02	49.03 4.21 -0.01
NYPA_POUCH1____GT 24155	47.02 3.72 -0.01	42.91 3.14 0.00	38.42 2.68 0.00	37.10 2.33 0.00	36.07 2.23 0.00	35.19 2.09 0.00	35.28 2.09 0.00	33.36 2.33 0.00	34.30 2.26 -0.23	36.71 2.62 0.00	40.94 3.27 -0.07	46.24 3.68 -0.72	56.88 4.21 -7.87	58.46 4.37 -6.04	60.28 4.84 -2.81	63.42 5.23 -0.11	77.15 6.24 -0.06	82.76 6.90 0.01	78.59 5.96 0.02	69.22 5.01 0.01	69.07 5.35 0.00	61.18 5.01 -2.36	53.91 4.86 -0.02	49.12 4.30 -0.02
NYPA_VERNON____GT2 24162	46.84 3.55 0.00	42.75 2.98 0.00	38.31 2.57 0.00	37.03 2.26 0.00	36.03 2.20 0.00	35.22 2.12 0.00	35.34 2.16 0.00	33.39 2.36 0.00	34.50 2.45 -0.24	36.71 2.62 0.00	40.86 3.19 -0.07	46.42 3.81 -0.78	57.68 4.30 -8.59	59.06 4.42 -6.59	60.58 4.90 -3.06	63.55 5.34 -0.13	77.30 6.38 -0.06	82.83 6.98 0.01	78.74 6.10 0.01	69.42 5.20 0.00	69.19 5.48 0.00	61.12 4.95 -2.36	53.71 4.66 -0.02	48.89 4.08 -0.01
NYPA_VERNON____GT3 24163	46.84 3.55 0.00	42.75 2.98 0.00	38.31 2.57 0.00	37.03 2.26 0.00	36.03 2.20 0.00	35.22 2.12 0.00	35.34 2.16 0.00	33.39 2.36 0.00	34.50 2.45 -0.24	36.71 2.62 0.00	40.86 3.19 -0.07	46.42 3.81 -0.78	57.68 4.30 -8.59	59.06 4.42 -6.59	60.58 4.90 -3.06	63.55 5.34 -0.13	77.30 6.38 -0.06	82.83 6.98 0.01	78.74 6.10 0.01	69.42 5.20 0.00	69.19 5.48 0.00	61.12 4.95 -2.36	53.71 4.66 -0.02	48.89 4.08 -0.01
NYPA__ASTORIA_CC1 323568	46.79 3.50 0.00	42.71 2.94 0.00	38.28 2.54 0.00	37.00 2.23 0.00	36.00 2.17 0.00	35.19 2.09 0.00	35.31 2.13 0.00	33.36 2.33 0.00	34.47 2.42 -0.24	36.67 2.59 0.00	40.79 3.12 -0.07	46.38 3.77 -0.78	57.64 4.26 -8.59	59.01 4.37 -6.59	60.48 4.79 -3.06	63.44 5.23 -0.13	77.08 6.16 -0.06	82.69 6.83 0.01	78.60 5.96 0.01	69.22 5.01 0.01	69.07 5.35 0.00	61.02 4.85 -2.36	53.61 4.56 -0.02	48.85 4.03 -0.01
NYPA__ASTORIA_CC2 323569	46.79 3.50 0.00	42.71 2.94 0.00	38.28 2.54 0.00	37.00 2.23 0.00	36.00 2.17 0.00	35.19 2.09 0.00	35.31 2.13 0.00	33.36 2.33 0.00	34.47 2.42 -0.24	36.67 2.59 0.00	40.79 3.12 -0.07	46.38 3.77 -0.78	57.64 4.26 -8.59	59.01 4.37 -6.59	60.48 4.79 -3.06	63.44 5.23 -0.13	77.08 6.16 -0.06	82.69 6.83 0.01	78.60 5.96 0.01	69.22 5.01 0.01	69.07 5.35 0.00	61.02 4.85 -2.36	53.61 4.56 -0.02	48.85 4.03 -0.01
NYPA__HOLTSVILL 23794	47.44 4.16 0.00	43.59 3.82 0.00	38.67 2.93 0.00	37.38 2.61 0.00	36.54 2.71 0.00	35.42 2.32 0.00	35.51 2.32 0.00	33.77 2.73 0.00	35.15 3.34 0.00	37.52 3.44 0.00	45.01 3.91 -3.50	50.87 4.69 -4.35	52.09 5.15 -2.15	55.37 5.09 -2.23	60.18 5.47 -2.08	64.15 4.30 -1.77	76.23 5.46 0.08	81.21 5.39 0.04	79.45 4.87 -1.93	68.21 3.98 0.00	65.25 3.50 1.96	59.92 3.77 -2.34	53.00 3.97 0.00	48.92 4.12 0.00
NYPA__HELLGATE_GT1 24158	46.92 3.64 0.00	42.75 2.98 0.00	38.28 2.54 0.00	36.96 2.19 0.00	35.97 2.13 0.00	35.25 2.15 0.00	35.31 2.13 0.00	33.33 2.30 0.00	34.66 2.42 -0.43	36.56 2.49 0.01	40.70 3.04 -0.06	46.33 3.72 -0.76	57.36 4.21 -8.36	58.96 4.33 -6.58	57.11 4.68 0.20	63.25 5.17 0.00	77.01 6.09 -0.05	82.45 6.60 0.02	78.30 5.67 0.02	68.96 4.75 0.01	68.80 5.10 0.01	60.85 4.68 -2.35	53.50 4.46 -0.01	48.80 3.99 -0.01

NYPA_____HELLGATE_GT2 24159	46.92 3.64 0.00	42.75 2.98 0.00	38.28 2.54 0.00	36.96 2.19 0.00	35.97 2.13 0.00	35.25 2.15 0.00	35.31 2.13 0.00	33.33 2.30 0.00	34.66 2.42 -0.43	36.56 2.49 0.01	40.70 3.04 -0.06	46.33 3.72 -0.76	57.36 4.21 -8.36	58.96 4.33 -6.58	57.11 4.68 0.20	63.25 5.17 0.00	77.01 6.09 -0.05	82.45 6.60 0.02	78.30 5.67 0.02	68.96 4.75 0.01	68.80 5.10 0.01	60.85 4.68 -2.35	53.50 4.46 -0.01	48.80 3.99 -0.01
NYS_BARGE____HYD 23848	30.26 -4.72 8.31	28.61 -3.94 7.23	27.16 -3.50 5.07	28.16 -3.62 2.99	30.02 -3.72 0.09	29.19 -3.54 0.38	29.52 -3.29 0.38	25.88 -2.76 2.39	28.38 -2.93 0.51	30.22 -2.97 0.89	31.11 -3.08 3.40	30.76 -3.72 7.36	31.22 -4.48 9.09	33.39 -4.66 10.00	33.27 -6.42 12.93	35.00 -6.97 16.11	39.14 -9.28 22.44	43.62 -9.49 22.76	41.89 -9.16 21.61	42.33 -7.51 14.37	45.73 -7.39 10.60	36.53 -6.30 10.99	35.34 -5.25 8.45	33.19 -4.84 6.78
OAK ORCHARD____HYD 24046	38.42 -2.95 1.93	35.54 -2.58 1.65	32.38 -2.18 1.18	31.82 -2.26 0.69	31.58 -2.23 0.02	30.80 -2.22 0.09	30.97 -2.12 0.09	28.75 -1.74 0.55	29.91 -1.78 0.12	32.10 -1.77 0.21	35.04 -1.77 0.79	38.00 -2.13 1.71	39.31 -2.55 2.94	41.66 -2.64 3.75	43.86 -3.79 4.98	47.73 -4.01 6.35	57.08 -5.17 8.60	60.88 -5.38 9.60	58.25 -5.23 9.17	53.22 -4.50 6.50	54.13 -4.46 5.12	45.43 -3.82 4.57	42.42 -3.28 3.33	40.07 -3.14 1.59
OAKDALE____35_KV_LOAD 356122	44.67 -0.26 -1.64	40.96 -0.20 -1.39	36.60 -0.14 -1.00	35.12 -0.24 -0.59	33.58 -0.27 -0.02	32.95 -0.23 -0.07	33.06 -0.20 -0.07	31.43 -0.06 -0.46	31.72 -0.19 -0.10	34.12 -0.14 -0.18	38.20 -0.08 -0.67	43.21 -0.08 -1.45	45.97 -0.18 -1.35	48.92 -0.34 -1.21	53.83 -0.37 -1.56	59.60 -0.35 -1.86	71.79 -0.43 -1.36	77.35 -0.30 -1.79	74.08 -0.44 -1.87	65.16 -0.26 -1.20	64.23 -0.19 -0.71	55.95 -0.05 -2.19	49.76 -0.25 -0.97	45.91 -0.27 -1.37
OCC_CHEM____DRP 24175	28.86 -5.24 9.19	27.58 -4.41 7.78	26.20 -3.93 5.61	27.44 -4.03 3.30	29.13 -4.60 0.10	28.69 -4.01 0.40	28.83 -3.95 0.40	25.33 -3.13 2.58	27.95 -3.31 0.55	29.73 -3.37 0.98	30.31 -3.53 3.76	29.52 -4.18 8.14	29.88 -4.97 9.94	30.90 -6.29 10.86	31.93 -7.05 13.65	33.31 -7.78 16.99	36.88 -9.78 24.20	40.87 -10.92 24.07	39.11 -10.75 22.80	40.27 -8.86 15.08	44.02 -8.60 11.09	35.71 -6.51 11.59	34.05 -6.08 8.91	32.05 -5.51 7.24
OH_GEN_PROXY 24063	30.11 -5.06 8.11	28.70 -4.25 6.81	27.00 -3.79 4.95	27.97 -3.89 2.91	29.82 -3.92 0.09	28.94 -3.81 0.35	29.28 -3.55 0.35	25.80 -2.98 2.26	28.15 -3.18 0.48	29.98 -3.24 0.86	30.90 -3.38 3.32	30.60 -4.06 7.18	31.10 -4.79 8.90	33.20 -5.04 9.80	33.12 -6.74 12.77	34.85 -7.32 15.92	38.65 -9.42 22.78	40.57 -9.94 25.36	43.00 -9.59 20.06	46.76 -7.90 9.56	41.92 -7.84 13.95	36.30 -6.68 10.84	35.01 -5.69 8.34	32.89 -5.24 6.67
OLIN_CORP_DRP 24177	29.19 -5.06 9.04	27.57 -4.26 7.94	26.43 -3.79 5.52	27.62 -3.89 3.25	29.70 -4.03 0.10	28.88 -3.81 0.41	29.25 -3.52 0.41	25.40 -3.01 2.63	28.07 -3.18 0.56	29.87 -3.24 0.98	30.47 -3.42 3.70	29.74 -4.10 8.00	30.12 -4.88 9.80	31.04 -6.29 10.71	31.84 -7.00 13.79	33.25 -7.67 17.16	36.41 -10.20 24.24	40.88 -10.70 24.29	39.62 -10.03 23.01	40.71 -8.28 15.22	44.43 -8.09 11.19	35.92 -6.19 11.71	34.25 -5.79 9.00	32.18 -5.29 7.34
OLIN_CORP_DSASP 323712	28.86 -5.24 9.19	27.58 -4.41 7.78	26.20 -3.93 5.61	27.44 -4.03 3.30	29.13 -4.60 0.10	28.69 -4.01 0.40	28.83 -3.95 0.40	25.33 -3.13 2.58	27.95 -3.31 0.55	29.73 -3.37 0.98	30.31 -3.53 3.76	29.52 -4.18 8.14	29.88 -4.97 9.94	30.90 -6.29 10.86	31.93 -7.05 13.65	33.31 -7.78 16.99	36.88 -9.78 24.20	40.87 -10.92 24.07	39.11 -10.75 22.80	40.27 -8.86 15.08	44.02 -8.60 11.09	35.71 -6.51 11.59	34.05 -6.08 8.91	32.05 -5.51 7.24
ONEIDA_HERK_LFGE 323681	43.72 0.43 0.00	40.13 0.36 0.00	35.95 0.22 0.00	34.95 0.17 0.00	33.97 0.14 0.00	33.20 0.10 0.00	33.28 0.10 0.00	31.22 0.19 0.00	31.97 0.16 0.00	34.25 0.17 0.00	37.86 0.27 0.00	42.05 0.21 0.00	44.79 0.00 0.00	48.15 0.10 0.00	53.00 0.37 0.00	58.08 0.00 0.00	71.14 0.28 0.00	76.40 0.53 0.00	72.95 0.29 0.00	64.48 0.26 0.00	63.78 0.06 0.00	53.44 -0.37 0.00	48.69 -0.34 0.00	44.89 0.09 0.00
ONEIDA____115KV_TB4 55905	43.89 0.61 0.00	40.37 0.60 0.00	36.24 0.50 0.00	35.22 0.45 0.00	34.27 0.44 0.00	33.47 0.36 0.00	33.52 0.33 0.00	31.38 0.34 0.00	32.03 0.22 0.00	34.35 0.27 0.00	37.94 0.34 0.00	42.22 0.38 0.00	44.85 0.27 0.21	48.02 0.34 0.36	52.72 0.58 0.49	58.02 0.58 0.65	70.69 0.85 1.02	75.86 1.14 1.14	72.53 0.94 1.07	64.26 0.83 0.79	63.75 0.70 0.67	53.66 0.32 0.48	48.89 0.20 0.34	45.16 0.36 0.00
ONONDAGA_REF_OCCRA 23987	42.77 -0.52 0.00	39.33 -0.44 0.00	35.38 -0.36 0.00	34.39 -0.38 0.00	33.39 -0.44 0.00	32.67 -0.43 0.00	32.75 -0.43 0.00	30.73 -0.31 0.00	31.43 -0.38 0.00	33.77 -0.31 0.00	37.19 -0.41 0.00	41.38 -0.46 0.00	43.93 -0.58 0.29	46.93 -0.62 0.50	51.27 -0.68 0.67	56.55 -0.64 0.89	68.68 -0.78 1.40	73.54 -0.76 1.57	70.38 -0.80 1.47	62.36 -0.77 1.09	62.10 -0.70 0.91	52.56 -0.59 0.66	47.88 -0.69 0.47	44.13 -0.67 0.00
ONONDAGA____COGEN 23986	42.81 -0.48 0.00	39.37 -0.40 0.00	35.42 -0.32 0.00	34.42 -0.35 0.00	33.46 -0.37 0.00	32.74 -0.36 0.00	32.82 -0.37 0.00	30.79 -0.25 0.00	31.49 -0.32 0.00	33.84 -0.24 0.00	37.26 -0.34 0.00	41.42 -0.42 0.00	44.30 -0.49 0.00	47.47 -0.58 0.00	52.05 -0.58 0.00	57.50 -0.58 0.00	70.15 -0.71 0.00	75.11 -0.76 0.00	71.86 -0.80 0.00	63.45 -0.77 0.00	63.01 -0.70 0.00	53.28 -0.54 0.00	48.35 -0.69 0.00	44.13 -0.67 0.00
ONTARIO____LFGE 23819	56.13 0.34 -12.50	50.63 0.28 -10.57	43.65 0.28 -7.63	39.33 0.07 -4.49	33.97 0.00 -0.14	33.72 0.07 -0.55	33.90 0.17 -0.55	34.82 0.28 -3.50	32.58 0.03 -0.74	35.55 0.14 -1.33	42.90 0.19 -5.11	53.07 0.17 -11.06	56.94 0.13 -12.01	60.49 0.29 -12.15	68.12 -0.05 -15.54	77.42 0.23 -19.10	93.08 0.36 -21.86	100.47 0.91 -23.69	96.81 1.02 -23.14	80.45 0.90 -15.34	75.50 1.15 -10.64	68.34 0.81 -13.72	59.66 0.64 -9.99	55.46 0.45 -10.21
ORANGEVILLE_WT_PWR 323706	8.30 -3.59 31.40	9.96 -3.22 26.59	13.69 -2.89 19.16	20.47 -3.03 11.28	30.44 -3.04 0.35	28.84 -2.88 1.38	29.18 -2.62 1.38	19.99 -2.23 8.81	27.52 -2.42 1.87	28.28 -2.45 3.35	22.13 -2.63 12.84	10.95 -3.10 27.80	9.84 -3.54 31.41	11.68 -3.70 32.67	5.91 -5.10 41.61	1.49 -5.29 51.31	0.50 -6.59 63.77	2.14 -6.75 66.97	1.59 -6.39 64.67	16.09 -5.33 42.80	28.10 -5.22 30.39	14.13 -4.36 35.32	18.60 -3.58 26.86	16.15 -3.27 25.38
ORANGEVILLE____ESR 323794	8.30 -3.59 31.40	9.96 -3.22 26.59	13.69 -2.89 19.16	20.47 -3.03 11.28	30.44 -3.04 0.35	28.84 -2.88 1.38	29.18 -2.62 1.38	19.99 -2.23 8.81	27.52 -2.42 1.87	28.28 -2.45 3.35	22.13 -2.63 12.84	10.95 -3.10 27.80	9.84 -3.54 31.41	11.68 -3.70 32.67	5.91 -5.10 41.61	1.49 -5.29 51.31	0.50 -6.59 63.77	2.14 -6.75 66.97	1.59 -6.39 64.67	16.09 -5.33 42.80	28.10 -5.22 30.39	14.13 -4.36 35.32	18.60 -3.58 26.86	16.15 -3.27 25.38

OSWEGATCHIE___HYD 24044	42.81 -0.48 0.00	39.29 -0.48 0.00	35.20 -0.54 0.00	34.25 -0.52 0.00	33.36 -0.47 0.00	32.51 -0.59 0.00	32.59 -0.60 0.00	30.48 -0.56 0.00	31.33 -0.48 0.00	33.57 -0.51 0.00	37.11 -0.49 0.00	41.13 -0.71 0.00	43.77 -1.03 0.00	47.04 -1.01 0.00	51.68 -0.95 0.00	56.57 -1.51 0.00	69.23 -1.63 0.00	74.57 -1.29 0.00	71.27 -1.38 0.00	62.87 -1.35 0.00	62.18 -1.53 0.00	51.99 -1.83 0.00	47.37 -1.67 0.00	43.91 -0.90 0.00
OSWEGO___5 23606	42.16 -1.13 0.00	38.74 -1.03 0.00	34.88 -0.86 0.00	33.94 -0.83 0.00	32.99 -0.84 0.00	32.28 -0.83 0.00	32.36 -0.83 0.00	30.32 -0.71 0.00	31.05 -0.76 0.00	33.30 -0.78 0.00	36.62 -0.98 0.00	40.71 -1.13 0.00	46.41 -1.30 -2.92	51.77 -1.35 -5.06	57.91 -1.58 -6.86	65.47 -1.69 -9.07	83.02 -2.12 -14.28	89.64 -2.20 -15.97	85.55 -2.11 -15.00	73.42 -1.86 -11.07	71.18 -1.85 -9.32	58.94 -1.61 -6.74	52.35 -1.47 -4.79	43.42 -1.39 0.00
OSWEGO___6 23613	42.16 -1.13 0.00	38.74 -1.03 0.00	34.88 -0.86 0.00	33.94 -0.83 0.00	32.99 -0.84 0.00	32.28 -0.83 0.00	32.36 -0.83 0.00	30.32 -0.71 0.00	31.05 -0.76 0.00	33.30 -0.78 0.00	36.62 -0.98 0.00	40.71 -1.13 0.00	46.41 -1.30 -2.92	51.77 -1.35 -5.06	57.91 -1.58 -6.86	65.47 -1.69 -9.07	83.02 -2.12 -14.28	89.64 -2.20 -15.97	85.55 -2.11 -15.00	73.42 -1.86 -11.07	71.18 -1.85 -9.32	58.94 -1.61 -6.74	52.35 -1.47 -4.79	43.42 -1.39 0.00
OUTOKUMPU-AB___DRP 24206	29.00 -4.55 9.75	27.62 -3.82 8.33	26.43 -3.36 5.95	27.76 -3.51 3.50	29.93 -3.79 0.11	29.19 -3.48 0.43	29.47 -3.29 0.43	25.61 -2.67 2.76	28.39 -2.83 0.58	30.21 -2.83 1.04	30.72 -2.90 3.99	29.78 -3.43 8.63	30.16 -4.17 10.47	31.23 -5.43 11.39	32.15 -6.05 14.43	33.46 -6.68 17.94	37.33 -8.50 25.03	41.60 -9.10 25.16	39.96 -8.79 23.90	41.12 -7.26 15.84	45.03 -7.07 11.61	36.30 -5.27 12.24	34.63 -5.00 9.41	32.47 -4.57 7.77
OXBOW___BTM 323836	28.96 -4.85 9.48	27.62 -4.10 8.06	26.35 -3.61 5.78	27.61 -3.76 3.40	29.53 -4.20 0.10	28.94 -3.74 0.42	29.18 -3.58 0.42	25.48 -2.89 2.67	28.19 -3.05 0.57	30.00 -3.07 1.01	30.57 -3.16 3.88	29.69 -3.77 8.39	30.06 -4.52 10.21	32.21 -4.71 11.13	32.11 -6.48 14.04	33.52 -7.09 17.47	37.24 -9.00 24.62	41.31 -9.94 24.62	39.64 -9.66 23.35	40.85 -7.90 15.46	44.58 -7.78 11.36	35.38 -6.51 11.92	34.43 -5.44 9.16	32.32 -4.97 7.51
OXBOW___ 24026	28.96 -4.85 9.48	27.62 -4.10 8.06	26.31 -3.65 5.78	27.61 -3.76 3.40	29.53 -4.20 0.10	28.94 -3.74 0.42	29.18 -3.58 0.42	25.48 -2.89 2.67	28.19 -3.05 0.57	30.00 -3.07 1.01	30.57 -3.16 3.88	29.69 -3.77 8.39	30.06 -4.52 10.21	31.11 -5.81 11.13	32.06 -6.53 14.04	33.41 -7.20 17.47	37.24 -9.00 24.62	41.30 -9.94 24.62	39.64 -9.66 23.35	40.79 -7.96 15.46	44.59 -7.77 11.36	36.08 -5.81 11.92	34.38 -5.49 9.16	32.28 -5.02 7.51
OXY_CHEM_DSASP 323612	28.86 -5.24 9.19	27.58 -4.41 7.78	26.20 -3.93 5.61	27.44 -4.03 3.30	29.13 -4.60 0.10	28.69 -4.01 0.40	28.83 -3.95 0.40	25.33 -3.13 2.58	27.95 -3.31 0.55	29.73 -3.37 0.98	30.31 -3.53 3.76	29.52 -4.18 8.14	29.88 -4.97 9.94	30.90 -6.29 10.86	31.93 -7.05 13.65	33.31 -7.78 16.99	36.88 -9.78 24.20	40.87 -10.92 24.07	39.11 -10.75 22.80	40.27 -8.86 15.08	44.02 -8.60 11.09	35.71 -6.51 11.59	34.05 -6.08 8.91	32.05 -5.51 7.24
OZONE_PARK_ESR 323760	47.10 3.81 0.00	43.03 3.26 0.00	38.56 2.82 0.00	37.28 2.50 0.00	36.23 2.40 0.00	35.42 2.32 0.00	35.57 2.39 0.00	33.64 2.61 0.00	34.80 2.77 -0.22	36.98 2.90 0.00	41.16 3.50 -0.06	46.82 4.27 -0.71	57.45 4.79 -7.86	59.27 5.19 -6.03	60.96 5.53 -2.80	64.36 6.16 -0.12	78.42 7.51 -0.05	83.90 8.04 0.01	79.91 7.27 0.01	70.51 6.29 0.00	70.15 6.44 0.00	61.82 5.65 -2.36	54.20 5.15 -0.01	49.25 4.44 -0.01
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	28.86 -5.24 9.19	27.58 -4.41 7.78	26.20 -3.93 5.61	27.44 -4.03 3.30	29.13 -4.60 0.10	28.69 -4.01 0.40	28.83 -3.95 0.40	25.33 -3.13 2.58	27.95 -3.31 0.55	29.73 -3.37 0.98	30.31 -3.53 3.76	29.52 -4.18 8.14	29.88 -4.97 9.94	30.90 -6.29 10.86	31.93 -7.05 13.65	33.31 -7.78 16.99	36.88 -9.78 24.20	40.87 -10.92 24.07	39.11 -10.75 22.80	40.27 -8.86 15.08	44.02 -8.60 11.09	35.71 -6.51 11.59	34.05 -6.08 8.91	32.05 -5.51 7.24
PACKARD___115KV_DUPONT_184 80571	28.86 -5.24 9.19	27.58 -4.42 7.78	26.20 -3.93 5.61	27.44 -4.03 3.30	29.13 -4.60 0.10	28.69 -4.01 0.40	28.83 -3.95 0.40	25.36 -3.10 2.58	27.95 -3.31 0.55	29.73 -3.37 0.98	30.31 -3.54 3.76	29.52 -4.18 8.14	29.88 -4.97 9.94	31.95 -5.24 10.86	31.93 -7.05 13.65	33.37 -7.73 16.99	36.88 -9.78 24.20	40.87 -10.92 24.07	39.18 -10.68 22.80	40.34 -8.80 15.08	44.02 -8.60 11.09	35.07 -7.16 11.59	34.09 -6.03 8.91	32.05 -5.51 7.24
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	46.88 3.59 0.00	42.75 2.98 0.00	38.31 2.57 0.00	37.00 2.23 0.00	35.96 2.13 0.00	35.22 2.12 0.00	35.24 2.06 0.00	33.30 2.27 0.00	34.11 2.29 -0.01	36.54 2.45 0.00	40.64 2.97 -0.07	46.20 3.60 -0.76	57.23 4.08 -8.36	59.01 4.37 -6.59	57.23 4.53 -0.08	63.09 5.00 -0.01	76.94 6.02 -0.06	82.38 6.52 0.01	78.38 5.74 0.01	69.03 4.82 0.01	68.81 5.10 0.00	60.80 4.63 -2.36	53.46 4.41 -0.02	48.76 3.94 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	47.83 4.55 0.00	43.63 3.86 0.00	39.06 3.32 0.00	37.73 2.96 0.00	36.67 2.84 0.00	35.89 2.78 0.00	35.94 2.75 0.00	33.92 2.89 0.00	34.78 2.96 -0.01	37.25 3.17 0.00	41.43 3.76 -0.07	47.08 4.48 -0.76	58.17 5.02 -8.36	60.02 5.38 -6.59	58.34 5.63 -0.08	64.31 6.22 -0.01	78.50 7.58 -0.06	84.05 8.19 0.01	79.91 7.27 0.01	70.37 6.16 0.01	70.15 6.44 0.00	61.93 5.76 -2.36	54.45 5.39 -0.02	49.70 4.88 -0.01
PATROON___115KV_TB1 80586	44.59 1.30 0.00	41.00 1.23 0.00	36.81 1.07 0.00	35.81 1.04 0.00	34.81 0.98 0.00	34.03 0.93 0.00	34.08 0.90 0.00	31.87 0.84 0.00	32.45 0.64 0.00	34.69 0.61 0.00	38.39 0.79 0.00	42.84 1.00 0.00	46.00 1.21 0.00	49.35 1.30 0.00	54.10 1.47 0.00	60.00 1.92 0.00	73.34 2.48 0.00	78.52 2.66 0.00	75.20 2.54 0.00	66.59 2.38 0.00	66.07 2.36 0.00	63.68 2.10 -7.77	50.85 1.81 0.00	46.42 1.61 0.00
PATTRSNVILLE___SOLAR 323815	44.80 1.51 0.00	41.12 1.35 0.00	36.92 1.18 0.00	35.95 1.18 0.00	34.92 1.08 0.00	34.20 1.09 0.00	34.15 0.96 0.00	31.84 0.81 0.00	32.38 0.57 0.00	34.59 0.51 0.00	38.16 0.56 0.00	42.51 0.67 0.00	45.64 0.85 0.00	49.11 1.06 0.00	54.00 1.37 0.00	59.89 1.80 0.00	73.34 2.48 0.00	78.82 2.96 0.00	75.63 2.98 0.00	67.17 2.96 0.00	66.77 3.06 0.00	67.42 2.53 -11.08	51.24 2.21 0.00	46.64 1.84 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	29.53 -2.94 10.82	28.14 -2.39 9.25	27.03 -2.11 6.60	28.62 -2.26 3.89	31.41 -2.30 0.12	30.37 -2.25 0.48	30.74 -1.96 0.48	26.42 -1.55 3.06	29.47 -1.69 0.65	31.32 -1.60 1.16	31.63 -1.54 4.42	30.38 -1.88 9.58	30.88 -2.46 11.45	32.14 -3.56 12.35	33.09 -3.95 15.59	34.37 -4.36 19.36	38.65 -5.53 26.68	43.30 -5.69 26.87	41.63 -5.45 25.57	42.99 -4.30 16.92	47.17 -4.21 12.34	37.62 -3.01 13.18	35.90 -2.99 10.15	33.43 -2.78 8.59

PAWLING_115_KV_BK3_REV_LBMP_H 345028	46.36 3.07 0.00	42.43 2.66 0.00	38.03 2.29 0.00	36.86 2.09 0.00	35.83 2.00 0.00	35.02 1.92 0.00	35.11 1.92 0.00	33.02 1.99 0.00	33.91 2.10 0.00	36.26 2.18 0.00	40.42 2.82 0.00	45.35 3.51 0.00	48.78 3.99 0.00	52.47 4.42 0.00	57.42 4.79 0.00	63.49 5.40 0.00	77.45 6.66 0.07	83.12 7.28 0.03	79.11 6.47 0.01	69.74 5.52 0.00	69.32 5.61 0.00	61.18 4.95 -2.41	53.35 4.32 0.00	48.48 3.67 0.00
PEEKSKILL____ 23653	46.06 2.77 0.00	42.16 2.39 0.00	37.77 2.04 0.00	36.58 1.81 0.00	35.59 1.76 0.00	34.79 1.69 0.00	34.91 1.72 0.00	32.90 1.86 0.00	33.78 1.97 0.00	36.13 2.04 0.00	40.16 2.56 0.00	45.02 3.18 0.00	48.38 3.58 0.00	51.80 3.75 0.00	56.84 4.21 0.00	62.73 4.65 0.00	76.46 5.67 0.07	81.98 6.14 0.03	78.16 5.52 0.01	68.97 4.75 0.00	68.49 4.78 0.00	60.39 4.25 -2.32	52.91 3.87 0.00	48.12 3.32 0.00
PGE MADISON__WINDPWR 24146	47.46 1.69 -2.49	43.43 1.55 -2.11	38.61 1.36 -1.52	36.95 1.29 -0.89	35.08 1.22 -0.03	34.34 1.13 -0.11	34.22 0.93 -0.11	32.57 0.84 -0.70	32.43 0.48 -0.15	34.86 0.51 -0.27	39.33 0.71 -1.02	44.84 0.79 -2.20	47.52 0.49 -2.23	50.68 0.48 -2.15	56.48 1.11 -2.75	62.53 1.10 -3.34	76.04 1.84 -3.34	82.31 2.66 -3.79	78.69 2.25 -3.78	68.62 1.93 -2.48	67.07 1.72 -1.63	58.10 0.86 -3.43	51.27 0.49 -1.75	47.48 0.63 -2.05
PIERCEFIELD__HYD 23852	42.38 -0.91 0.00	38.90 -0.87 0.00	34.92 -0.82 0.00	34.04 -0.73 0.00	33.22 -0.61 0.00	32.34 -0.76 0.00	32.42 -0.76 0.00	30.20 -0.84 0.00	31.08 -0.73 0.00	33.37 -0.72 0.00	36.85 -0.75 0.00	40.79 -1.05 0.00	43.63 -1.16 0.00	46.85 -1.20 0.00	51.37 -1.26 0.00	56.23 -1.86 0.00	68.66 -2.20 0.00	73.89 -1.97 0.00	70.77 -1.89 0.00	62.36 -1.86 0.00	61.80 -1.91 0.00	51.55 -2.26 0.00	47.22 -1.81 0.00	43.68 -1.12 0.00
PINELAWN_CC_1 323563	47.44 4.16 0.00	43.43 3.66 0.00	38.53 2.79 0.00	37.24 2.47 0.00	36.37 2.54 0.00	35.29 2.18 0.00	35.37 2.19 0.00	33.61 2.57 0.00	34.96 3.15 0.00	37.28 3.20 0.00	45.01 3.91 -3.50	50.83 4.64 -4.35	52.09 5.15 -2.15	53.50 5.24 -0.22	58.56 5.74 -0.20	63.62 4.76 -0.77	76.80 6.02 0.07	81.90 6.07 0.03	78.35 5.38 -0.32	68.64 4.43 0.01	66.58 4.39 1.52	60.19 4.04 -2.33	53.25 4.22 0.00	49.11 4.30 0.00
PJM_GEN_HTP_PROXY 323702	46.62 3.33 0.00	42.59 2.82 0.00	38.17 2.43 0.00	36.93 2.16 0.00	35.90 2.06 0.00	35.09 1.99 0.00	35.24 2.06 0.00	33.30 2.26 0.00	34.41 2.42 -0.19	36.60 2.52 0.00	40.74 3.08 -0.05	46.22 3.77 -0.61	55.80 4.26 -6.75	57.64 4.42 -5.18	59.98 4.95 -2.40	63.64 5.46 -0.10	77.48 6.59 -0.03	80.37 7.13 2.62	80.40 6.32 -1.42	74.32 5.46 -4.65	65.78 5.54 3.48	61.12 4.95 -2.36	53.56 4.51 -0.01	48.71 3.90 -0.01
PJM_GEN_KEystone 24065	38.28 -0.39 4.62	32.70 -0.28 6.79	28.70 -0.29 6.75	26.76 -0.45 7.56	25.29 -0.51 8.04	25.89 -0.50 6.72	24.75 -0.36 8.07	26.00 -0.09 4.94	26.50 -0.13 5.18	33.68 -0.10 0.30	36.59 0.15 1.16	39.58 0.21 2.47	42.35 0.18 2.62	45.09 0.14 3.11	48.15 -0.16 4.32	52.28 -0.17 5.63	62.31 -0.35 8.19	64.89 -0.23 10.75	65.98 -0.43 6.24	63.64 -0.13 0.45	56.32 -0.13 7.26	50.30 -0.05 3.46	40.50 0.05 8.58	37.50 -0.13 7.17
PJM_GEN_NEPTUNE_PROXY 323594	46.71 3.42 0.00	42.79 3.02 0.00	38.03 2.29 0.00	36.75 1.98 0.00	35.86 2.03 0.00	34.82 1.72 0.00	34.94 1.76 0.00	33.18 2.14 0.00	34.54 2.74 0.00	36.74 2.66 0.00	44.41 3.31 -3.50	50.16 3.98 -4.35	51.38 4.44 -2.15	52.75 4.57 -0.14	57.79 5.10 -0.06	62.20 4.12 0.01	76.10 5.32 0.07	78.53 5.31 2.64	78.58 4.51 -1.42	72.65 3.79 -4.64	62.20 3.82 5.34	59.64 3.50 -2.33	52.57 3.53 0.00	48.43 3.63 0.00
PJM_GEN_VFT_PROXY 323633	46.49 3.20 0.00	42.48 2.71 0.00	38.06 2.32 0.00	36.82 2.05 0.00	35.83 2.00 0.00	35.02 1.92 0.00	35.18 1.99 0.00	33.24 2.20 0.00	34.42 2.39 -0.22	36.54 2.46 0.00	40.67 3.01 -0.06	46.27 3.72 -0.71	56.83 4.17 -7.86	58.41 4.33 -6.03	60.27 4.84 -2.80	63.49 5.28 -0.12	77.29 6.38 -0.05	80.15 6.90 2.62	80.18 6.10 -1.42	74.13 5.27 -4.65	65.65 5.41 3.48	61.02 4.85 -2.36	53.46 4.41 -0.01	48.58 3.76 -0.01
PLATSBURG_115KV_PMLD1 355749	42.81 -0.48 0.00	39.33 -0.44 0.00	35.38 -0.36 0.00	34.53 -0.24 0.00	33.73 -0.10 0.00	33.04 -0.07 0.00	33.12 -0.07 0.00	30.88 -0.16 0.00	31.81 0.00 0.00	34.18 0.10 0.00	37.71 0.11 0.00	41.76 -0.08 0.00	44.71 -0.09 0.00	48.05 0.00 0.00	52.26 -0.37 0.00	57.21 -0.87 0.00	69.65 -1.20 0.00	74.65 -1.21 0.00	71.49 -1.16 0.00	62.93 -1.28 0.00	62.44 -1.27 0.00	52.52 -1.29 0.00	48.35 -0.69 0.00	44.54 -0.27 0.00
PLEASANTVLY__LBMP 24000	45.76 2.47 0.00	41.92 2.15 0.00	37.60 1.86 0.00	36.44 1.67 0.00	35.42 1.59 0.00	34.63 1.52 0.00	34.74 1.56 0.00	32.71 1.68 0.00	33.53 1.72 0.00	35.85 1.77 0.00	39.82 2.22 0.00	44.56 2.72 0.00	47.93 3.14 0.00	51.46 3.41 0.00	56.26 3.63 0.00	62.15 4.07 0.00	75.75 4.96 0.06	81.15 5.31 0.02	77.44 4.80 0.01	68.39 4.17 0.00	67.92 4.21 0.00	59.96 3.71 -2.44	52.47 3.43 0.00	47.72 2.91 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	46.23 2.94 0.00	42.32 2.55 0.00	37.88 2.14 0.00	36.72 1.95 0.00	35.69 1.86 0.00	34.89 1.79 0.00	35.01 1.83 0.00	33.02 1.99 0.00	33.90 2.10 0.01	36.26 2.18 0.00	40.30 2.71 0.00	45.12 3.31 0.02	48.36 3.81 0.24	52.04 4.18 0.19	56.96 4.42 0.09	63.02 4.94 0.00	76.81 6.02 0.07	82.36 6.52 0.03	78.53 5.89 0.01	69.36 5.14 0.00	68.87 5.16 0.00	60.75 4.57 -2.36	53.20 4.17 0.00	48.34 3.54 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	46.23 2.94 0.00	42.32 2.55 0.00	37.88 2.14 0.00	36.72 1.95 0.00	35.69 1.86 0.00	34.89 1.79 0.00	35.01 1.83 0.00	33.02 1.99 0.00	33.90 2.10 0.01	36.26 2.18 0.00	40.30 2.71 0.00	45.12 3.31 0.02	48.36 3.81 0.24	52.04 4.18 0.19	56.96 4.42 0.09	63.02 4.94 0.00	76.81 6.02 0.07	82.36 6.52 0.03	78.53 5.89 0.01	69.36 5.14 0.00	68.87 5.16 0.00	60.75 4.57 -2.36	53.20 4.17 0.00	48.34 3.54 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	45.93 2.64 0.00	42.12 2.35 0.00	37.74 2.00 0.00	36.61 1.84 0.00	35.59 1.76 0.00	34.76 1.66 0.00	34.84 1.66 0.00	32.77 1.74 0.00	33.56 1.75 0.00	35.89 1.81 0.00	39.86 2.26 0.00	44.69 2.85 0.00	48.02 3.23 0.00	51.65 3.60 0.00	56.52 3.89 0.00	62.56 4.47 0.00	76.32 5.53 0.06	81.91 6.07 0.02	78.09 5.45 0.01	68.91 4.69 0.00	68.43 4.71 0.00	60.65 4.14 -2.69	52.76 3.73 0.00	47.94 3.14 0.00
POLETTI____ 23519	46.62 3.33 0.00	42.59 2.82 0.00	38.20 2.47 0.00	36.93 2.16 0.00	35.93 2.10 0.00	35.12 2.02 0.00	35.24 2.06 0.00	33.33 2.30 0.00	34.46 2.42 -0.23	36.60 2.52 0.00	40.75 3.08 -0.07	46.36 3.77 -0.75	57.36 4.21 -8.35	59.07 4.61 -6.41	60.44 4.84 -2.97	63.61 5.40 -0.12	77.44 6.52 -0.06	82.84 6.98 0.01	78.96 6.32 0.01	69.61 5.39 0.00	69.26 5.54 0.00	61.07 4.90 -2.36	53.56 4.51 -0.02	48.71 3.90 -0.01

POMONA___ESR 323819	46.02 2.73 0.00	42.12 2.35 0.00	37.74 2.00 0.00	36.54 1.77 0.00	35.56 1.72 0.00	34.76 1.65 0.00	34.84 1.66 0.00	32.84 1.80 0.00	33.72 1.91 0.00	36.06 1.98 0.00	40.08 2.48 0.00	44.94 3.10 0.00	48.33 3.54 0.00	51.75 3.70 0.00	56.84 4.21 0.00	62.73 4.65 0.00	76.46 5.67 0.07	81.98 6.14 0.03	78.09 5.45 0.01	68.97 4.75 0.00	68.49 4.78 0.00	60.29 4.20 -2.27	52.86 3.83 0.00	48.03 3.23 0.00
PORT_JEFF_3 23555	47.57 4.29 0.00	43.71 3.94 0.00	38.74 3.00 0.00	37.45 2.68 0.00	36.61 2.77 0.00	35.49 2.38 0.00	35.57 2.39 0.00	33.86 2.82 0.00	35.24 3.44 0.00	37.63 3.54 0.00	45.16 4.06 -3.50	51.04 4.85 -4.35	52.31 5.37 -2.15	55.70 5.33 -2.32	60.50 5.74 -2.13	64.38 4.59 -1.71	76.59 5.81 0.08	81.58 5.76 0.04	79.70 5.23 -1.81	68.46 4.24 0.00	65.53 3.76 1.94	60.14 3.98 -2.34	53.20 4.17 0.00	49.06 4.26 0.00
PORT_JEFF_4 23616	47.57 4.29 0.00	43.71 3.94 0.00	38.74 3.00 0.00	37.45 2.68 0.00	36.61 2.77 0.00	35.49 2.38 0.00	35.57 2.39 0.00	33.86 2.82 0.00	35.24 3.44 0.00	37.63 3.54 0.00	45.16 4.06 -3.50	51.04 4.85 -4.35	52.31 5.37 -2.15	55.70 5.33 -2.32	60.50 5.74 -2.13	64.38 4.59 -1.71	76.59 5.81 0.08	81.58 5.76 0.04	79.70 5.23 -1.81	68.46 4.24 0.00	65.53 3.76 1.94	60.14 3.98 -2.34	53.20 4.17 0.00	49.06 4.26 0.00
PORT_JEFF_IC 23713	47.66 4.37 0.00	43.79 4.02 0.00	38.81 3.07 0.00	37.52 2.75 0.00	36.67 2.84 0.00	35.52 2.42 0.00	35.64 2.46 0.00	33.92 2.89 0.00	35.30 3.50 0.01	37.69 3.61 0.00	45.27 4.17 -3.50	51.17 4.98 -4.35	52.45 5.51 -2.15	56.67 5.96 -2.66	60.84 5.84 -2.37	64.46 4.88 -1.49	76.87 6.09 0.08	81.51 5.69 0.04	79.59 5.45 -1.49	68.65 4.43 0.00	65.70 3.89 1.90	59.92 3.77 -2.34	53.30 4.27 0.00	49.24 4.44 0.00
PPL PILGRIM_ST_GT1 24216	47.66 4.37 0.00	43.71 3.94 0.00	38.74 3.00 0.00	37.41 2.64 0.00	36.57 2.74 0.00	35.46 2.35 0.00	35.54 2.36 0.00	33.83 2.79 0.00	35.18 3.37 0.00	37.56 3.48 0.00	45.23 4.14 -3.50	51.12 4.93 -4.35	52.36 5.42 -2.15	53.99 5.38 -0.56	59.30 5.84 -0.83	67.84 4.82 -4.94	76.59 5.81 0.08	81.66 5.84 0.04	79.49 5.16 -1.68	68.39 4.17 0.00	66.03 4.20 1.88	60.19 4.04 -2.34	53.35 4.32 0.00	49.24 4.44 0.00
PPL PILGRIM_ST_GT2 24217	47.66 4.37 0.00	43.71 3.94 0.00	38.74 3.00 0.00	37.41 2.64 0.00	36.57 2.74 0.00	35.46 2.35 0.00	35.54 2.36 0.00	33.83 2.79 0.00	35.18 3.37 0.00	37.56 3.48 0.00	45.23 4.14 -3.50	51.12 4.93 -4.35	52.36 5.42 -2.15	53.99 5.38 -0.56	59.30 5.84 -0.83	67.84 4.82 -4.94	76.59 5.81 0.08	81.66 5.84 0.04	79.49 5.16 -1.68	68.39 4.17 0.00	66.03 4.20 1.88	60.19 4.04 -2.34	53.35 4.32 0.00	49.24 4.44 0.00
PPL_SHRM_GT3 24213	47.87 4.59 0.00	44.03 4.26 0.00	39.02 3.29 0.00	37.73 2.95 0.00	36.88 3.05 0.00	35.75 2.65 0.00	35.87 2.69 0.00	34.14 3.10 0.00	35.53 3.72 0.00	37.97 3.88 0.00	45.27 4.17 -3.50	51.12 4.93 -4.35	52.40 5.46 -2.15	55.89 5.48 -2.37	60.74 5.95 -2.17	64.19 4.41 -1.69	76.37 5.60 0.08	81.36 5.54 0.04	79.62 5.23 -1.73	68.59 4.37 0.00	65.03 3.25 1.93	60.35 4.20 -2.34	53.35 4.32 0.00	49.15 4.34 0.00
PPL_SHRM_GT4 24214	47.87 4.59 0.00	44.03 4.26 0.00	39.02 3.29 0.00	37.73 2.95 0.00	36.88 3.05 0.00	35.75 2.65 0.00	35.87 2.69 0.00	34.14 3.10 0.00	35.53 3.72 0.00	37.97 3.88 0.00	45.27 4.17 -3.50	51.12 4.93 -4.35	52.40 5.46 -2.15	55.89 5.48 -2.37	60.74 5.95 -2.17	64.19 4.41 -1.69	76.37 5.60 0.08	81.36 5.54 0.04	79.62 5.23 -1.73	68.59 4.37 0.00	65.03 3.25 1.93	60.35 4.20 -2.34	53.35 4.32 0.00	49.15 4.34 0.00
PROJECT___ORANGE 1 24174	42.60 -0.69 0.00	39.17 -0.60 0.00	35.24 -0.50 0.00	34.25 -0.52 0.00	33.29 -0.54 0.00	32.57 -0.53 0.00	32.65 -0.53 0.00	30.63 -0.40 0.00	31.36 -0.45 0.00	33.67 -0.41 0.00	37.07 -0.53 0.00	41.21 -0.63 0.00	43.67 -0.72 0.41	46.53 -0.82 0.70	50.78 -0.89 0.95	55.95 -0.87 1.26	67.74 -1.13 1.99	72.50 -1.14 2.22	69.33 -1.24 2.09	61.59 -1.09 1.54	61.33 -1.08 1.30	52.02 -0.86 0.94	47.44 -0.93 0.67	43.91 -0.90 0.00
PROJECT___ORANGE 2 24166	42.60 -0.69 0.00	39.17 -0.60 0.00	35.24 -0.50 0.00	34.25 -0.52 0.00	33.29 -0.54 0.00	32.57 -0.53 0.00	32.65 -0.53 0.00	30.63 -0.40 0.00	31.36 -0.45 0.00	33.67 -0.41 0.00	37.07 -0.53 0.00	41.21 -0.63 0.00	43.67 -0.72 0.41	46.53 -0.82 0.70	50.78 -0.89 0.95	55.95 -0.87 1.26	67.74 -1.13 1.99	72.50 -1.14 2.22	69.33 -1.24 2.09	61.59 -1.09 1.54	61.33 -1.08 1.30	52.02 -0.86 0.94	47.44 -0.93 0.67	43.91 -0.90 0.00
PUCKETT___SOLAR 323809	45.25 0.34 -1.62	41.50 0.36 -1.37	37.05 0.32 -0.99	35.60 0.25 -0.58	34.05 0.20 -0.02	33.38 0.20 -0.07	33.39 0.13 -0.07	31.65 0.16 -0.45	31.87 -0.03 -0.10	34.22 -0.03 -0.17	38.30 0.04 -0.66	43.27 0.00 -1.43	46.06 -0.09 -1.35	49.28 0.00 -1.23	54.21 0.00 -1.58	59.98 0.00 -1.89	72.50 0.14 -1.50	78.21 0.46 -1.89	74.97 0.37 -1.95	65.93 0.45 -1.26	64.93 0.45 -0.76	56.37 0.22 -2.34	50.12 0.10 -0.99	46.19 0.04 -1.34
PYRITES___HYD 24023	42.94 -0.35 0.00	39.49 -0.28 0.00	35.45 -0.29 0.00	34.60 -0.17 0.00	33.73 -0.10 0.00	32.84 -0.26 0.00	32.89 -0.30 0.00	30.57 -0.47 0.00	31.36 -0.45 0.00	33.64 -0.44 0.00	37.15 -0.45 0.00	41.13 -0.71 0.00	43.99 -0.81 0.00	47.23 -0.82 0.00	51.79 -0.84 0.00	56.69 -1.39 0.00	69.37 -1.49 0.00	74.73 -1.14 0.00	71.64 -1.02 0.00	63.25 -0.96 0.00	62.69 -1.02 0.00	52.15 -1.67 0.00	47.76 -1.27 0.00	44.27 -0.54 0.00
QUAKERRD_115KV_BK1 80622	37.91 -3.33 2.05	35.10 -2.94 1.73	31.95 -2.54 1.25	31.46 -2.57 0.73	31.27 -2.54 0.02	30.50 -2.52 0.09	30.67 -2.42 0.09	28.38 -2.08 0.57	29.56 -2.13 0.12	31.72 -2.15 0.22	34.54 -2.22 0.84	37.39 -2.64 1.81	38.69 -3.05 3.06	40.46 -3.70 3.89	43.32 -4.16 5.15	47.05 -4.47 6.56	56.48 -5.67 8.71	60.13 -5.92 9.82	57.51 -5.74 9.41	52.46 -5.07 6.68	53.49 -4.97 5.25	45.17 -3.93 4.72	41.81 -3.78 3.44	39.53 -3.58 1.69
QUENSBRY_115KV_TB8 356137	45.19 1.90 0.00	41.60 1.83 0.00	37.28 1.54 0.00	36.41 1.63 0.00	35.25 1.42 0.00	34.49 1.39 0.00	34.51 1.33 0.00	32.22 1.18 0.00	32.64 0.83 0.00	34.90 0.82 0.00	38.39 0.79 0.00	42.64 0.79 0.00	45.69 0.90 0.00	49.35 1.30 0.00	54.21 1.58 0.00	60.70 2.61 0.00	75.11 4.25 0.00	80.95 5.08 0.00	77.74 5.09 0.00	69.10 4.88 0.00	68.81 5.10 0.00	68.65 4.25 -10.58	52.42 3.38 0.00	47.54 2.73 0.00
RAMAPO___LBMP 323565	45.80 2.51 0.00	41.96 2.19 0.00	37.60 1.86 0.00	36.41 1.63 0.00	35.42 1.59 0.00	34.63 1.52 0.00	34.71 1.53 0.00	32.71 1.68 0.00	33.59 1.78 0.00	35.92 1.84 0.00	39.89 2.29 0.00	44.73 2.89 0.00	48.07 3.27 0.00	51.65 3.60 0.00	56.47 3.84 0.00	62.38 4.30 0.00	75.96 5.17 0.07	81.45 5.61 0.03	77.65 5.01 0.01	68.58 4.37 0.00	68.11 4.40 0.00	59.95 3.87 -2.26	52.61 3.58 0.00	47.81 3.00 0.00

RANKINE_____	27.46	26.33	25.54	27.42	30.55	29.53	29.90	25.36	28.65	30.40	30.27	28.38	28.69	29.84	30.46	31.36	34.87	39.24	37.80	39.97	44.60	35.17	33.85	31.57
23646	-3.98	-3.34	-2.97	-3.09	-3.15	-3.05	-2.75	-2.33	-2.45	-2.42	-2.48	-2.97	-3.63	-4.80	-5.32	-5.81	-7.37	-7.74	-7.34	-6.04	-5.86	-4.36	-4.22	-3.85
	11.85	10.10	7.23	4.26	0.13	0.53	0.53	3.34	0.71	1.27	4.85	10.49	12.47	13.41	16.86	20.92	28.62	28.89	27.52	18.21	13.25	14.28	10.97	9.38
RAVENSWOOD_GT2_1	46.62	42.59	38.20	36.93	35.93	35.12	35.24	33.33	34.47	36.60	40.75	46.38	57.59	59.25	60.53	63.61	77.44	82.84	78.96	69.61	69.26	61.07	53.56	48.71
24244	3.33	2.82	2.47	2.16	2.10	2.02	2.06	2.30	2.42	2.52	3.08	3.77	4.21	4.61	4.84	5.40	6.52	6.98	6.32	5.39	5.54	4.90	4.51	3.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	0.00	-0.07	-0.78	-8.59	-6.59	-3.06	-0.13	-0.06	0.01	0.01	0.00	0.00	-2.36	-0.02	-0.01
RAVENSWOOD_GT2_2	46.62	42.59	38.20	36.93	35.93	35.12	35.24	33.33	34.47	36.60	40.75	46.38	57.59	59.25	60.53	63.61	77.44	82.84	78.96	69.61	69.26	61.07	53.56	48.71
24245	3.33	2.82	2.47	2.16	2.10	2.02	2.06	2.30	2.42	2.52	3.08	3.77	4.21	4.61	4.84	5.40	6.52	6.98	6.32	5.39	5.54	4.90	4.51	3.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	0.00	-0.07	-0.78	-8.59	-6.59	-3.06	-0.13	-0.06	0.01	0.01	0.00	0.00	-2.36	-0.02	-0.01
RAVENSWOOD_GT2_3	46.62	42.63	38.20	36.96	35.93	35.12	35.27	33.33	34.47	36.64	40.79	46.38	57.64	59.25	60.53	63.61	77.51	82.91	78.96	69.68	69.26	61.13	53.61	48.76
24246	3.33	2.86	2.47	2.19	2.10	2.02	2.09	2.30	2.42	2.56	3.12	3.77	4.26	4.61	4.84	5.40	6.59	7.06	6.32	5.46	5.54	4.95	4.56	3.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	0.00	-0.07	-0.78	-8.59	-6.59	-3.06	-0.13	-0.06	0.01	0.01	0.00	0.00	-2.36	-0.02	-0.01
RAVENSWOOD_GT2_4	46.62	42.63	38.20	36.96	35.93	35.12	35.27	33.33	34.47	36.64	40.79	46.38	57.64	59.25	60.53	63.61	77.51	82.91	78.96	69.68	69.26	61.13	53.61	48.76
24247	3.33	2.86	2.47	2.19	2.10	2.02	2.09	2.30	2.42	2.56	3.12	3.77	4.26	4.61	4.84	5.40	6.59	7.06	6.32	5.46	5.54	4.95	4.56	3.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	0.00	-0.07	-0.78	-8.59	-6.59	-3.06	-0.13	-0.06	0.01	0.01	0.00	0.00	-2.36	-0.02	-0.01
RAVENSWOOD_GT3_1	46.62	42.59	38.20	36.93	35.93	35.12	35.24	33.33	34.47	36.60	40.75	46.38	57.59	59.25	60.53	63.61	77.44	82.84	78.96	69.61	69.26	61.07	53.56	48.71
24248	3.33	2.82	2.47	2.16	2.10	2.02	2.06	2.30	2.42	2.52	3.08	3.77	4.21	4.61	4.84	5.40	6.52	6.98	6.32	5.39	5.54	4.90	4.51	3.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	0.00	-0.07	-0.78	-8.59	-6.59	-3.06	-0.13	-0.06	0.01	0.01	0.00	0.00	-2.36	-0.02	-0.01
RAVENSWOOD_GT3_2	46.62	42.59	38.20	36.93	35.93	35.12	35.24	33.33	34.47	36.60	40.75	46.38	57.59	59.25	60.53	63.61	77.44	82.84	78.96	69.61	69.26	61.07	53.56	48.71
24249	3.33	2.82	2.47	2.16	2.10	2.02	2.06	2.30	2.42	2.52	3.08	3.77	4.21	4.61	4.84	5.40	6.52	6.98	6.32	5.39	5.54	4.90	4.51	3.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	0.00	-0.07	-0.78	-8.59	-6.59	-3.06	-0.13	-0.06	0.01	0.01	0.00	0.00	-2.36	-0.02	-0.01
RAVENSWOOD_GT3_3	46.71	42.67	38.24	37.00	36.00	35.16	35.31	33.36	34.53	36.67	40.83	46.47	57.68	59.35	60.63	63.73	77.58	83.06	79.11	69.74	69.38	61.18	53.66	48.80
24250	3.42	2.90	2.50	2.23	2.17	2.05	2.12	2.33	2.48	2.59	3.16	3.85	4.30	4.71	4.95	5.52	6.66	7.21	6.47	5.52	5.67	5.00	4.61	3.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	0.00	-0.07	-0.78	-8.59	-6.59	-3.06	-0.13	-0.06	0.01	0.01	0.00	0.00	-2.36	-0.02	-0.01
RAVENSWOOD_GT3_4	46.71	42.67	38.24	37.00	36.00	35.16	35.31	33.36	34.53	36.67	40.83	46.47	57.68	59.35	60.63	63.73	77.58	83.06	79.11	69.74	69.38	61.18	53.66	48.80
24251	3.42	2.90	2.50	2.23	2.17	2.05	2.12	2.33	2.48	2.59	3.16	3.85	4.30	4.71	4.95	5.52	6.66	7.21	6.47	5.52	5.67	5.00	4.61	3.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	0.00	-0.07	-0.78	-8.59	-6.59	-3.06	-0.13	-0.06	0.01	0.01	0.00	0.00	-2.36	-0.02	-0.01
RAVENSWOOD_GT_1	46.84	42.75	38.31	37.03	36.03	35.22	35.34	33.39	34.50	36.71	40.86	46.47	57.68	59.30	60.53	63.56	77.37	82.76	78.74	69.42	69.19	61.07	53.71	48.89
23729	3.55	2.98	2.57	2.26	2.20	2.12	2.16	2.36	2.45	2.62	3.20	3.85	4.30	4.66	4.84	5.34	6.45	6.90	6.10	5.20	5.48	4.90	4.66	4.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	0.00	-0.07	-0.78	-8.59	-6.59	-3.06	-0.13	-0.06	0.01	0.01	0.00	0.00	-2.36	-0.02	-0.01
RAVENSWOOD_GT_10	46.62	42.59	38.20	36.93	35.93	35.12	35.24	33.33	34.47	36.60	40.75	46.38	57.59	59.25	60.53	63.61	77.44	82.91	78.96	69.61	69.26	61.07	53.56	48.71
24258	3.33	2.82	2.47	2.16	2.10	2.02	2.06	2.30	2.42	2.52	3.08	3.77	4.21	4.61	4.84	5.40	6.52	7.06	6.32	5.39	5.54	4.90	4.51	3.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	0.00	-0.07	-0.78	-8.59	-6.59	-3.06	-0.13	-0.06	0.01	0.01	0.00	0.00	-2.36	-0.02	-0.01
RAVENSWOOD_GT_11	46.62	42.59	38.20	36.93	35.93	35.12	35.24	33.33	34.47	36.60	40.75	46.38	57.59	59.25	60.53	63.61	77.44	82.91	78.96	69.61	69.26	61.07	53.56	48.71
24259	3.33	2.82	2.47	2.16	2.10	2.02	2.06	2.30	2.42	2.52	3.08	3.77	4.21	4.61	4.84	5.40	6.52	7.06	6.32	5.39	5.54	4.90	4.51	3.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	0.00	-0.07	-0.78	-8.59	-6.59	-3.06	-0.13	-0.06	0.01	0.01	0.00	0.00	-2.36	-0.02	-0.01
RAVENSWOOD_GT_4	46.66	42.63	38.24	36.96	35.96	35.12	35.27	33.33	34.47	36.64	40.79	46.38	57.64	59.25	60.53	63.56	77.37	82.84	78.89	69.55	69.19	61.07	53.61	48.75
24252	3.38	2.86	2.50	2.19	2.13	2.02	2.09	2.30	2.42	2.56	3.12	3.77	4.26	4.61	4.84	5.34	6.45	6.98	6.25	5.33	5.48	4.90	4.56	3.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	0.00	-0.07	-0.78	-8.59	-6.59	-3.06	-0.13	-0.06	0.01	0.01	0.00	0.00	-2.36	-0.02	-0.01
RAVENSWOOD_GT_5	46.66	42.63	38.24	36.96	35.96	35.12	35.27	33.33	34.47	36.64	40.79	46.38	57.64	59.25	60.53	63.56	77.37	82.84	78.89	69.55	69.19	61.07	53.61	48.75
24254	3.38	2.86	2.50	2.19	2.13	2.02	2.09	2.30	2.42	2.56	3.12	3.77	4.26	4.61	4.84	5.34	6.45	6.98	6.25	5.33	5.48	4.90	4.56	3.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	0.00	-0.07	-0.78	-8.59	-6.59	-3.06	-0.13	-0.06	0.01	0.01	0.00	0.00	-2.36	-0.02	-0.01
RAVENSWOOD_GT_6	46.66	42.63	38.24	36.96	35.96	35.12	35.27	33.33	34.47	36.64	40.79	46.38	57.64	59.25	60.53	63.56	77.37	82.84	78.89	69.55	69.19	61.07	53.61	48.75
24253	3.38	2.86	2.50	2.19	2.13	2.02	2.09	2.30	2.42	2.56	3.12	3.77	4.26	4.61	4.84	5.34	6.45	6.98	6.25	5.33	5.48	4.90	4.56	3.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	0.00	-0.07	-0.78	-8.59	-6.59	-3.06	-0.13	-0.06	0.01	0.01	0.00	0.00	-2.36	-0.02	-0.01

RAVENSWOOD_GT_7 24255	46.66 3.38 0.00	42.63 2.86 0.00	38.24 2.50 0.00	36.96 2.19 0.00	35.96 2.13 0.00	35.12 2.02 0.00	35.27 2.09 0.00	33.33 2.30 0.00	34.47 2.42 -0.24	36.64 2.56 0.00	40.79 3.12 -0.07	46.38 3.77 -0.78	57.64 4.26 -8.59	59.25 4.61 -6.59	60.53 4.84 -3.06	63.56 5.34 -0.13	77.37 6.45 -0.06	82.84 6.98 0.01	78.89 6.25 0.01	69.55 5.33 0.00	69.19 5.48 0.00	61.07 4.90 -2.36	53.61 4.56 -0.02	48.75 3.94 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	46.62 3.33 0.00	42.59 2.82 0.00	38.20 2.47 0.00	36.93 2.16 0.00	35.93 2.10 0.00	35.12 2.02 0.00	35.24 2.06 0.00	33.33 2.30 0.00	34.47 2.42 -0.24	36.60 2.52 0.00	40.75 3.08 -0.07	46.38 3.77 -0.78	57.59 4.21 -8.59	59.25 4.61 -6.59	60.53 4.84 -3.06	63.61 5.40 -0.13	77.44 6.52 -0.06	82.91 7.06 0.01	78.96 6.32 0.01	69.61 5.39 0.00	69.26 5.54 0.00	61.07 4.90 -2.36	53.56 4.51 -0.02	48.71 3.90 -0.01
RAVENSWOOD_GT_9 24257	46.62 3.33 0.00	42.59 2.82 0.00	38.20 2.47 0.00	36.93 2.16 0.00	35.93 2.10 0.00	35.12 2.02 0.00	35.24 2.06 0.00	33.33 2.30 0.00	34.47 2.42 -0.24	36.60 2.52 0.00	40.75 3.08 -0.07	46.38 3.77 -0.78	57.59 4.21 -8.59	59.25 4.61 -6.59	60.53 4.84 -3.06	63.61 5.40 -0.13	77.44 6.52 -0.06	82.91 7.06 0.01	78.96 6.32 0.01	69.61 5.39 0.00	69.26 5.54 0.00	61.07 4.90 -2.36	53.56 4.51 -0.02	48.71 3.90 -0.01
RAVENSWOOD___1 23533	46.79 3.50 0.00	42.75 2.98 0.00	38.31 2.57 0.00	37.03 2.26 0.00	36.00 2.17 0.00	35.19 2.09 0.00	35.31 2.13 0.00	33.39 2.36 0.00	34.50 2.45 -0.24	36.71 2.62 0.00	40.83 3.16 -0.07	46.42 3.81 -0.78	57.68 4.30 -8.59	59.06 4.42 -6.59	60.58 4.90 -3.06	63.55 5.34 -0.13	77.22 6.30 -0.06	82.83 6.98 0.01	78.74 6.10 0.01	69.42 5.20 0.00	69.19 5.48 0.00	61.12 4.95 -2.36	53.71 4.66 -0.02	48.89 4.08 -0.01
RAVENSWOOD___2 23534	46.79 3.50 0.00	42.71 2.94 0.00	38.28 2.54 0.00	37.03 2.26 0.00	36.00 2.17 0.00	35.19 2.09 0.00	35.31 2.13 0.00	33.39 2.36 0.00	34.50 2.45 -0.24	36.67 2.59 0.00	40.83 3.16 -0.07	46.42 3.81 -0.78	57.68 4.30 -8.59	59.06 4.42 -6.59	60.53 4.84 -3.06	63.50 5.28 -0.13	77.22 6.30 -0.06	82.83 6.98 0.01	78.74 6.10 0.01	69.36 5.14 0.00	69.19 5.48 0.00	61.12 4.95 -2.36	53.66 4.61 -0.02	48.89 4.08 -0.01
RAVENSWOOD___3 23535	46.62 3.33 0.00	42.59 2.82 0.00	38.20 2.46 0.00	36.93 2.16 0.00	35.93 2.10 0.00	35.12 2.02 0.00	35.28 2.09 0.00	33.33 2.30 0.00	34.47 2.42 -0.24	36.60 2.52 0.00	40.75 3.08 -0.07	46.38 3.77 -0.78	57.59 4.21 -8.59	59.01 4.37 -6.59	60.58 4.90 -3.06	63.62 5.40 -0.13	77.43 6.51 -0.06	82.91 7.06 0.01	78.96 6.32 0.01	69.61 5.40 0.00	69.25 5.54 0.00	61.12 4.95 -2.36	53.56 4.51 -0.02	48.71 3.90 -0.01
RAVENSWOOD___4 23820	46.79 3.50 0.00	42.71 2.94 0.00	38.28 2.54 0.00	37.00 2.23 0.00	36.00 2.17 0.00	35.19 2.09 0.00	35.31 2.13 0.00	33.39 2.36 0.00	34.47 2.42 -0.24	36.67 2.59 0.00	40.83 3.16 -0.07	46.38 3.77 -0.78	57.64 4.26 -8.59	59.06 4.42 -6.59	60.53 4.84 -3.06	63.50 5.28 -0.13	77.22 6.30 -0.06	82.83 6.98 0.01	78.74 6.10 0.01	69.36 5.14 0.00	69.19 5.48 0.00	61.07 4.90 -2.36	53.66 4.61 -0.02	48.85 4.03 -0.01
RCPL_TRUST___DRP 24196	46.66 3.38 0.00	42.67 2.90 0.00	38.24 2.50 0.00	36.96 2.19 0.00	35.96 2.13 0.00	35.16 2.05 0.00	35.31 2.12 0.00	33.36 2.33 0.00	34.48 2.48 -0.19	36.67 2.59 0.00	40.81 3.16 -0.05	46.34 3.89 -0.61	55.89 4.35 -6.75	57.98 4.76 -5.18	60.03 5.00 -2.40	63.76 5.58 -0.10	77.62 6.73 -0.03	83.06 7.21 0.01	79.11 6.47 0.01	69.80 5.59 0.00	69.38 5.67 0.00	61.23 5.06 -2.36	53.66 4.61 -0.01	48.80 3.99 -0.01
RED___ROCHESTER 323720	38.67 -2.64 1.97	35.78 -2.31 1.68	32.60 -1.93 1.20	32.01 -2.05 0.71	31.78 -2.03 0.02	31.00 -2.02 0.09	31.17 -1.93 0.09	28.93 -1.55 0.56	30.16 -1.53 0.12	32.37 -1.50 0.21	35.40 -1.39 0.81	38.38 -1.72 1.75	39.70 -2.10 2.99	42.07 -2.16 3.82	44.30 -3.26 5.06	48.20 -3.43 6.46	57.71 -4.46 8.69	61.51 -4.63 9.73	58.85 -4.50 9.30	53.64 -3.98 6.60	54.57 -3.95 5.19	45.78 -3.39 4.65	42.75 -2.89 3.39	40.35 -2.82 1.63
REGAN___SOLAR 323812	45.58 2.29 0.00	41.84 2.07 0.00	37.52 1.79 0.00	36.61 1.84 0.00	35.49 1.66 0.00	34.76 1.65 0.00	34.48 1.29 0.00	31.84 0.81 0.00	32.13 0.32 0.00	34.25 0.17 0.00	37.79 0.19 0.00	42.09 0.25 0.00	45.33 0.54 0.00	49.11 1.06 0.00	54.26 1.63 0.00	60.52 2.44 0.00	74.34 3.54 0.06	80.55 4.71 0.02	77.51 4.87 0.01	69.16 4.95 0.00	68.87 5.16 0.00	68.50 4.20 -10.48	52.57 3.53 0.00	47.72 2.91 0.00
RENSSELAER___COGEN 23796	44.41 1.12 0.00	40.84 1.07 0.00	36.67 0.93 0.00	35.67 0.90 0.00	34.68 0.85 0.00	33.90 0.79 0.00	33.95 0.76 0.00	31.75 0.71 0.00	32.35 0.54 0.00	34.56 0.48 0.00	38.24 0.64 0.00	42.63 0.79 0.00	45.78 0.98 0.00	48.96 0.91 0.00	53.84 1.21 0.00	59.59 1.51 0.00	72.77 1.91 0.00	77.99 2.12 0.00	74.69 2.03 0.00	66.14 1.92 0.00	65.62 1.91 0.00	62.18 1.67 -6.69	50.50 1.47 0.00	46.15 1.34 0.00
REPUBLIC_115KV_BARTNBRK 55605	46.88 3.59 0.00	43.11 3.34 0.00	38.60 2.86 0.00	37.80 3.03 0.00	36.51 2.67 0.00	35.75 2.65 0.00	35.71 2.52 0.00	33.24 2.20 0.00	33.46 1.65 0.00	35.89 1.81 0.00	39.67 2.07 0.00	43.85 2.01 0.00	47.12 2.33 0.00	51.12 3.08 0.00	56.10 3.47 0.00	63.20 5.11 0.00	78.30 7.44 0.00	84.74 8.88 0.00	81.37 8.72 0.00	72.69 8.48 0.00	72.82 9.11 0.00	71.89 7.53 -10.54	55.07 6.03 0.00	49.78 4.97 0.00
REVERE_CPPR_DRP 24186	44.11 0.82 0.00	40.53 0.76 0.00	36.38 0.64 0.00	35.36 0.59 0.00	34.37 0.54 0.00	33.57 0.46 0.00	33.62 0.43 0.00	31.47 0.43 0.00	32.16 0.35 0.00	34.46 0.37 0.00	38.09 0.49 0.00	42.38 0.54 0.00	44.98 0.36 0.17	48.24 0.48 0.29	53.08 0.84 0.40	58.26 0.70 0.52	71.17 1.13 0.83	76.46 1.52 0.92	72.95 1.16 0.87	64.61 1.03 0.64	64.00 0.83 0.54	53.70 0.27 0.39	48.91 0.15 0.28	45.25 0.45 0.00
REYNLDDPA_13_KV_LD 356490	42.81 -0.48 0.00	39.33 -0.44 0.00	35.35 -0.39 0.00	34.46 -0.31 0.00	33.60 -0.24 0.00	32.84 -0.27 0.00	32.95 -0.23 0.00	30.70 -0.34 0.00	31.62 -0.19 0.00	33.95 -0.14 0.00	37.45 -0.15 0.00	41.55 -0.29 0.00	44.48 -0.31 0.00	47.76 -0.29 0.00	51.84 -0.79 0.00	56.92 -1.16 0.00	69.37 -1.49 0.00	74.42 -1.44 0.00	71.20 -1.45 0.00	62.80 -1.41 0.00	62.31 -1.40 0.00	52.90 -0.92 0.00	48.25 -0.79 0.00	44.45 -0.36 0.00
REYNOLDS_115KV_TB3 80639	44.76 1.47 0.00	41.16 1.39 0.00	36.95 1.22 0.00	35.92 1.15 0.00	34.95 1.12 0.00	34.16 1.06 0.00	34.18 1.00 0.00	32.00 0.96 0.00	32.57 0.76 0.00	34.83 0.75 0.00	38.50 0.90 0.00	42.93 1.09 0.00	46.09 1.30 0.00	49.39 1.35 0.00	54.21 1.58 0.00	60.06 1.97 0.00	73.34 2.48 0.00	78.52 2.66 0.00	75.27 2.62 0.00	66.66 2.44 0.00	66.07 2.36 0.00	63.18 2.15 -7.22	50.95 1.91 0.00	46.51 1.70 0.00

RIVERBAY____ 323610	47.83 4.55 0.00	43.63 3.86 0.00	39.06 3.32 0.00	37.73 2.96 0.00	36.67 2.84 0.00	35.89 2.78 0.00	35.94 2.75 0.00	33.92 2.89 0.00	34.78 2.96 -0.01	37.25 3.17 0.00	41.43 3.76 -0.07	47.08 4.48 -0.76	58.17 5.02 -8.36	60.02 5.38 -6.59	58.34 5.63 -0.08	64.31 6.22 -0.01	78.50 7.58 -0.06	84.05 8.19 0.01	79.91 7.27 0.01	70.37 6.16 0.01	70.15 6.44 0.00	61.93 5.76 -2.36	54.45 5.39 -0.02	49.70 4.88 -0.01
RIVERSIDE_115KV_TB3 55908	44.59 1.30 0.00	41.00 1.23 0.00	36.81 1.07 0.00	35.81 1.04 0.00	34.81 0.98 0.00	34.03 0.93 0.00	34.08 0.90 0.00	31.91 0.87 0.00	32.48 0.67 0.00	34.73 0.65 0.00	38.39 0.79 0.00	42.84 1.00 0.00	46.00 1.21 0.00	49.30 1.25 0.00	54.05 1.42 0.00	59.88 1.80 0.00	73.20 2.34 0.00	78.37 2.50 0.00	75.05 2.40 0.00	66.53 2.31 0.00	65.94 2.23 0.00	63.08 1.99 -7.27	50.80 1.77 0.00	46.37 1.57 0.00
ROARING____BROOK_WT_PWR 323790	42.34 -0.95 0.00	38.86 -0.91 0.00	34.88 -0.86 0.00	33.97 -0.80 0.00	33.09 -0.74 0.00	32.44 -0.66 0.00	32.55 -0.63 0.00	30.51 -0.53 0.00	31.36 -0.45 0.00	33.60 -0.48 0.00	37.04 -0.56 0.00	41.13 -0.71 0.00	43.94 -0.85 0.00	47.09 -0.96 0.00	51.58 -1.05 0.00	56.86 -1.22 0.00	69.37 -1.49 0.00	74.42 -1.44 0.00	71.35 -1.31 0.00	63.00 -1.22 0.00	62.50 -1.21 0.00	52.74 -1.08 0.00	48.00 -1.03 0.00	43.91 -0.90 0.00
ROCHESRG_115KV_T4 355643	37.84 -3.12 2.33	35.09 -2.70 1.97	31.96 -2.36 1.42	31.54 -2.40 0.84	31.40 -2.40 0.03	30.65 -2.35 0.10	30.83 -2.26 0.10	28.49 -1.89 0.65	29.73 -1.94 0.14	31.89 -1.94 0.25	34.69 -1.96 0.95	37.43 -2.34 2.06	38.61 -2.82 3.36	40.23 -3.60 4.21	43.01 -4.05 5.56	46.65 -4.36 7.08	56.00 -5.53 9.33	59.52 -5.84 10.51	56.91 -5.67 10.07	52.20 -4.88 7.13	53.36 -4.78 5.58	45.13 -3.61 5.08	41.79 -3.53 3.72	39.57 -3.32 1.92
ROCHESTER_9_IC 23652	38.48 -2.86 1.95	35.60 -2.51 1.67	32.44 -2.11 1.19	31.88 -2.19 0.70	31.65 -2.17 0.02	30.87 -2.15 0.09	31.04 -2.06 0.09	28.81 -1.68 0.55	30.01 -1.69 0.12	32.20 -1.67 0.21	35.15 -1.65 0.80	38.11 -2.01 1.73	39.41 -2.42 2.97	41.04 -3.22 3.79	43.97 -3.63 5.03	47.83 -3.83 6.42	57.25 -4.96 8.64	61.03 -5.16 9.68	58.39 -5.01 9.26	53.28 -4.37 6.57	54.28 -4.27 5.17	46.02 -3.18 4.62	42.48 -3.19 3.37	40.14 -3.05 1.61
ROCKVIEW_13_KV_LD 356306	46.49 3.20 0.00	42.51 2.74 0.00	38.10 2.36 0.00	36.89 2.12 0.00	35.86 2.03 0.00	35.06 1.95 0.00	35.18 1.99 0.00	33.21 2.17 0.00	34.13 2.32 0.00	36.50 2.42 0.00	40.61 3.01 0.00	45.52 3.68 0.00	49.01 4.21 0.00	52.66 4.61 0.00	57.47 4.84 0.00	63.54 5.46 0.00	77.38 6.59 0.07	82.97 7.13 0.03	79.18 6.54 0.01	69.87 5.65 0.00	69.45 5.73 0.00	61.22 5.06 -2.34	53.64 4.61 0.00	48.70 3.90 0.00
ROME____115KV_TB2 80656	44.11 0.82 0.00	40.53 0.76 0.00	36.38 0.64 0.00	35.36 0.59 0.00	34.37 0.54 0.00	33.57 0.46 0.00	33.62 0.43 0.00	31.47 0.43 0.00	32.16 0.35 0.00	34.46 0.37 0.00	38.09 0.49 0.00	42.38 0.54 0.00	44.98 0.36 0.17	48.24 0.48 0.29	53.08 0.84 0.40	58.26 0.70 0.52	71.17 1.13 0.83	76.46 1.52 0.92	72.95 1.16 0.87	64.61 1.03 0.64	64.00 0.83 0.54	53.70 0.27 0.39	48.91 0.15 0.28	45.25 0.45 0.00
ROSETON____1 23587	45.67 2.38 0.00	41.84 2.07 0.00	37.52 1.79 0.00	36.37 1.60 0.00	35.39 1.56 0.00	34.60 1.49 0.00	34.68 1.49 0.00	32.65 1.61 0.00	33.46 1.65 0.00	35.78 1.70 0.00	39.74 2.14 0.00	44.48 2.64 0.00	47.80 3.00 0.00	51.17 3.12 0.00	56.21 3.58 0.00	62.04 3.95 0.00	75.54 4.75 0.07	81.00 5.16 0.03	77.29 4.65 0.01	68.27 4.05 0.00	67.79 4.08 0.00	59.76 3.61 -2.33	52.37 3.34 0.00	47.63 2.82 0.00
ROSETON____2 23588	45.67 2.38 0.00	41.84 2.07 0.00	37.52 1.79 0.00	36.37 1.60 0.00	35.39 1.56 0.00	34.60 1.49 0.00	34.68 1.49 0.00	32.65 1.61 0.00	33.46 1.65 0.00	35.78 1.70 0.00	39.74 2.14 0.00	44.48 2.64 0.00	47.80 3.00 0.00	51.17 3.12 0.00	56.21 3.58 0.00	62.04 3.95 0.00	75.54 4.75 0.07	81.00 5.16 0.03	77.29 4.65 0.01	68.27 4.05 0.00	67.79 4.08 0.00	59.76 3.61 -2.33	52.37 3.34 0.00	47.63 2.82 0.00
ROTTDRAM_115KV_TB3 80664	44.59 1.30 0.00	40.96 1.19 0.00	36.81 1.07 0.00	35.81 1.04 0.00	34.81 0.98 0.00	34.06 0.96 0.00	34.08 0.90 0.00	31.87 0.84 0.00	32.51 0.70 0.00	34.76 0.68 0.00	38.39 0.79 0.00	42.76 0.92 0.00	45.87 1.08 0.00	49.30 1.25 0.00	54.05 1.42 0.00	59.88 1.80 0.00	73.20 2.34 0.00	78.52 2.66 0.00	75.20 2.54 0.00	66.66 2.44 0.00	66.20 2.48 0.00	67.30 2.15 -11.33	50.90 1.86 0.00	46.37 1.57 0.00
RUSSELL____1 23602	38.68 -2.64 1.97	35.78 -2.31 1.68	32.60 -1.93 1.20	32.01 -2.05 0.71	31.78 -2.03 0.02	31.00 -2.02 0.09	31.17 -1.92 0.09	28.93 -1.55 0.56	30.16 -1.53 0.12	32.37 -1.50 0.21	35.40 -1.39 0.81	38.38 -1.72 1.75	39.70 -2.11 2.99	41.35 -2.88 3.82	44.30 -3.26 5.06	48.14 -3.49 6.46	57.71 -4.46 8.69	61.51 -4.63 9.73	58.77 -4.58 9.30	53.64 -3.98 6.60	54.57 -3.95 5.19	46.26 -2.91 4.65	42.75 -2.89 3.39	40.35 -2.82 1.63
RUSSELL____2 23532	38.68 -2.64 1.97	35.78 -2.31 1.68	32.60 -1.93 1.20	32.01 -2.05 0.71	31.78 -2.03 0.02	31.00 -2.02 0.09	31.17 -1.92 0.09	28.93 -1.55 0.56	30.16 -1.53 0.12	32.37 -1.50 0.21	35.40 -1.39 0.81	38.38 -1.72 1.75	39.70 -2.11 2.99	41.35 -2.88 3.82	44.30 -3.26 5.06	48.14 -3.49 6.46	57.71 -4.46 8.69	61.51 -4.63 9.73	58.77 -4.58 9.30	53.64 -3.98 6.60	54.57 -3.95 5.19	46.26 -2.91 4.65	42.75 -2.89 3.39	40.35 -2.82 1.63
RUSSELL____3 23549	38.68 -2.64 1.97	35.78 -2.31 1.68	32.60 -1.93 1.20	32.01 -2.05 0.71	31.78 -2.03 0.02	31.00 -2.02 0.09	31.17 -1.92 0.09	28.93 -1.55 0.56	30.16 -1.53 0.12	32.37 -1.50 0.21	35.40 -1.39 0.81	38.38 -1.72 1.75	39.70 -2.11 2.99	41.35 -2.88 3.82	44.30 -3.26 5.06	48.14 -3.49 6.46	57.71 -4.46 8.69	61.51 -4.63 9.73	58.77 -4.58 9.30	53.64 -3.98 6.60	54.57 -3.95 5.19	46.26 -2.91 4.65	42.75 -2.89 3.39	40.35 -2.82 1.63
RUSSELL____4 23556	38.68 -2.64 1.97	35.78 -2.31 1.68	32.60 -1.93 1.20	32.01 -2.05 0.71	31.78 -2.03 0.02	31.00 -2.02 0.09	31.17 -1.92 0.09	28.93 -1.55 0.56	30.16 -1.53 0.12	32.37 -1.50 0.21	35.40 -1.39 0.81	38.38 -1.72 1.75	39.70 -2.11 2.99	41.35 -2.88 3.82	44.30 -3.26 5.06	48.14 -3.49 6.46	57.71 -4.46 8.69	61.51 -4.63 9.73	58.77 -4.58 9.30	53.64 -3.98 6.60	54.57 -3.95 5.19	46.26 -2.91 4.65	42.75 -2.89 3.39	40.35 -2.82 1.63
RUSSELL____STATION 23914	38.68 -2.64 1.97	35.78 -2.31 1.68	32.60 -1.93 1.20	32.01 -2.05 0.71	31.78 -2.03 0.02	31.00 -2.02 0.09	31.17 -1.92 0.09	28.93 -1.55 0.56	30.16 -1.53 0.12	32.37 -1.50 0.21	35.40 -1.39 0.81	38.38 -1.72 1.75	39.70 -2.11 2.99	41.35 -2.88 3.82	44.30 -3.26 5.06	48.14 -3.49 6.46	57.71 -4.46 8.69	61.51 -4.63 9.73	58.77 -4.58 9.30	53.64 -3.98 6.60	54.57 -3.95 5.19	46.26 -2.91 4.65	42.75 -2.89 3.39	40.35 -2.82 1.63

S SALMON___HYD 24043	42.94 -0.35 0.00	39.49 -0.28 0.00	35.49 -0.25 0.00	34.49 -0.28 0.00	33.56 -0.27 0.00	32.77 -0.33 0.00	32.82 -0.36 0.00	30.79 -0.25 0.00	31.46 -0.35 0.00	33.77 -0.31 0.00	37.22 -0.38 0.00	41.34 -0.50 0.00	44.29 -0.76 -0.25	47.77 -0.72 -0.44	52.54 -0.69 -0.60	58.00 -0.87 -0.79	71.04 -1.06 -1.24	76.27 -0.99 -1.39	72.87 -1.09 -1.31	64.22 -0.96 -0.96	63.44 -1.08 -0.81	53.22 -1.18 -0.59	48.42 -1.03 -0.42	44.04 -0.76 0.00
S.PERRY___115KV_TB1 80734	77.80 -1.56 -36.07	68.85 -1.43 -30.51	56.60 -1.14 -22.01	46.37 -1.36 -12.95	32.84 -1.39 -0.40	33.37 -1.32 -1.59	33.58 -1.19 -1.59	40.09 -1.06 -10.11	32.58 -1.37 -2.14	36.50 -1.43 -3.85	50.69 -1.65 -14.75	71.73 -2.05 -31.94	76.86 -2.37 -34.44	76.72 -6.01 -34.67	90.08 -6.84 -44.29	105.12 -7.26 -54.30	124.64 -8.79 -62.56	134.48 -8.72 -67.34	130.46 -7.92 -65.72	100.90 -6.61 -43.29	87.37 -6.24 -29.90	89.18 -2.74 -38.11	76.01 -1.42 -28.40	72.74 -1.48 -29.42
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	27.62 -4.59 11.08	26.54 -3.86 9.38	25.51 -3.47 6.76	27.21 -3.58 3.98	30.09 -3.62 0.12	29.11 -3.51 0.49	29.48 -3.22 0.49	25.20 -2.73 3.11	28.29 -2.86 0.66	30.00 -2.90 1.18	30.10 -2.97 4.53	28.47 -3.56 9.81	28.78 -4.26 11.76	29.83 -5.53 12.69	30.94 -6.16 15.53	32.05 -6.74 19.30	35.08 -8.57 27.20	39.86 -9.03 26.98	38.39 -8.65 25.62	40.15 -7.13 16.94	44.32 -7.01 12.39	35.36 -5.27 13.19	33.86 -5.05 10.12	31.71 -4.61 8.48
SAWYER___23_KV_LOAD 55526	27.62 -4.59 11.08	26.54 -3.86 9.38	25.51 -3.47 6.76	27.21 -3.58 3.98	30.09 -3.62 0.12	29.11 -3.51 0.49	29.48 -3.22 0.49	25.20 -2.73 3.11	28.29 -2.86 0.66	30.00 -2.90 1.18	30.10 -2.97 4.53	28.47 -3.56 9.81	28.78 -4.26 11.76	29.83 -5.53 12.69	30.94 -6.16 15.53	32.05 -6.74 19.30	35.08 -8.57 27.20	39.86 -9.03 26.98	38.39 -8.65 25.62	40.15 -7.13 16.94	44.32 -7.01 12.39	35.36 -5.27 13.19	33.86 -5.05 10.12	31.71 -4.61 8.48
SELKIRK___I 23801	44.71 1.43 0.00	41.12 1.35 0.00	36.92 1.18 0.00	35.95 1.18 0.00	34.92 1.08 0.00	34.16 1.06 0.00	34.18 0.99 0.00	31.87 0.84 0.00	32.41 0.60 0.00	34.63 0.54 0.00	38.28 0.68 0.00	42.68 0.84 0.00	45.83 1.03 0.00	49.11 1.06 0.00	54.00 1.37 0.00	59.89 1.80 0.00	73.19 2.33 0.00	78.45 2.58 0.00	75.20 2.54 0.00	66.60 2.38 0.00	66.20 2.48 0.00	61.38 2.10 -5.47	50.95 1.91 0.00	46.51 1.70 0.00
SELKIRK___II 23799	44.41 1.12 0.00	40.84 1.07 0.00	36.67 0.93 0.00	35.67 0.90 0.00	34.68 0.85 0.00	33.93 0.83 0.00	33.98 0.80 0.00	31.78 0.74 0.00	32.41 0.60 0.00	34.66 0.58 0.00	38.28 0.68 0.00	42.72 0.88 0.00	45.83 1.03 0.00	49.06 1.01 0.00	53.89 1.26 0.00	59.65 1.57 0.00	72.77 1.91 0.00	77.99 2.12 0.00	74.69 2.03 0.00	66.08 1.86 0.00	65.62 1.91 0.00	61.20 1.67 -5.71	50.56 1.52 0.00	46.15 1.34 0.00
SENECA OSWGO___HYD 24041	42.34 -0.95 0.00	38.93 -0.84 0.00	35.02 -0.71 0.00	34.08 -0.70 0.00	33.12 -0.71 0.00	32.41 -0.70 0.00	32.49 -0.70 0.00	30.45 -0.59 0.00	31.17 -0.64 0.00	33.47 -0.61 0.00	36.81 -0.79 0.00	40.88 -0.96 0.00	44.44 -1.08 -0.72	48.19 -1.10 -1.24	53.05 -1.26 -1.68	58.98 -1.33 -2.23	72.74 -1.63 -3.51	78.05 -1.74 -3.92	74.60 -1.74 -3.68	65.39 -1.54 -2.72	64.54 -1.46 -2.29	54.18 -1.29 -1.66	48.94 -1.28 -1.18	43.60 -1.21 0.00
SENECA___115KV_TB3 355854	27.46 -3.98 11.85	26.37 -3.30 10.10	25.58 -2.93 7.23	27.42 -3.09 4.26	30.59 -3.11 0.13	29.53 -3.05 0.53	29.90 -2.75 0.53	25.39 -2.30 3.34	28.65 -2.45 0.71	30.40 -2.42 1.27	30.31 -2.44 4.85	28.42 -2.93 10.49	28.73 -3.59 12.47	30.95 -3.70 13.41	30.51 -5.26 16.86	31.47 -5.69 20.92	34.94 -7.30 28.62	39.47 -7.51 28.89	37.87 -7.26 27.52	40.10 -5.91 18.21	44.60 -5.86 13.25	34.58 -4.95 14.28	33.90 -4.17 10.97	31.61 -3.81 9.38
SENECA___ENERGY 23797	48.49 -0.17 -5.38	44.16 -0.16 -4.55	38.91 -0.11 -3.28	36.46 -0.24 -1.93	33.59 -0.31 -0.06	33.08 -0.27 -0.24	33.22 -0.20 -0.24	32.48 -0.06 -1.51	31.91 -0.22 -0.32	34.52 -0.14 -0.57	39.65 -0.15 -2.20	46.35 -0.25 -4.76	49.73 -0.31 -5.24	53.22 -0.19 -5.36	59.07 -0.42 -6.86	66.25 -0.29 -8.46	80.30 -0.35 -9.79	86.48 0.00 -10.62	83.00 0.00 -10.35	71.11 0.00 -6.89	68.66 0.13 -4.82	60.06 0.00 -6.25	53.41 -0.05 -4.42	49.02 -0.18 -4.39
SHOEMAKER___GT 23640	45.28 1.99 0.00	41.52 1.75 0.00	37.24 1.50 0.00	36.13 1.35 0.00	35.12 1.29 0.00	34.33 1.23 0.00	34.41 1.23 0.00	32.34 1.30 0.00	33.14 1.34 0.00	35.45 1.36 0.00	39.33 1.73 0.00	44.01 2.17 0.00	47.30 2.51 0.00	50.64 2.59 0.00	55.63 3.00 0.00	61.45 3.37 0.00	74.97 4.18 0.07	80.39 4.55 0.03	76.78 4.14 0.02	67.81 3.59 0.00	67.34 3.63 0.00	59.15 3.17 -2.16	51.88 2.84 0.00	47.22 2.42 0.00
SHOEMAKR_138KV_BK 111 55601	45.32 2.03 0.00	41.56 1.79 0.00	37.24 1.50 0.00	36.13 1.36 0.00	35.12 1.29 0.00	34.33 1.22 0.00	34.45 1.26 0.00	32.37 1.33 0.00	33.18 1.37 0.00	35.48 1.40 0.00	39.37 1.77 0.00	44.06 2.22 0.00	47.35 2.55 0.00	50.84 2.79 0.00	55.63 3.00 0.00	61.51 3.43 0.00	74.97 4.18 0.07	80.47 4.63 0.03	76.78 4.14 0.02	67.81 3.60 0.00	67.35 3.63 0.00	59.13 3.18 -2.14	51.93 2.89 0.00	47.22 2.42 0.00
SHOREHAM_IC_1 23715	47.87 4.59 0.00	44.03 4.26 0.00	39.02 3.29 0.00	37.73 2.95 0.00	36.88 3.05 0.00	35.75 2.65 0.00	35.87 2.69 0.00	34.14 3.10 0.00	35.53 3.72 0.00	37.97 3.88 0.00	45.27 4.17 -3.50	51.12 4.93 -4.35	52.40 5.46 -2.15	55.89 5.48 -2.37	60.74 5.95 -2.17	64.19 4.41 -1.69	76.37 5.60 0.08	81.36 5.54 0.04	79.62 5.23 -1.73	68.59 4.37 0.00	65.03 3.25 1.93	60.35 4.20 -2.34	53.35 4.32 0.00	49.15 4.34 0.00
SHOREHAM_IC_2 23716	47.87 4.59 0.00	44.03 4.26 0.00	39.02 3.29 0.00	37.73 2.95 0.00	36.88 3.05 0.00	35.75 2.65 0.00	35.87 2.69 0.00	34.14 3.10 0.00	35.53 3.72 0.00	37.97 3.88 0.00	45.27 4.17 -3.50	51.12 4.93 -4.35	52.40 5.46 -2.15	55.89 5.48 -2.37	60.74 5.95 -2.17	64.19 4.41 -1.69	76.37 5.60 0.08	81.36 5.54 0.04	79.62 5.23 -1.73	68.59 4.37 0.00	65.03 3.25 1.93	60.35 4.20 -2.34	53.35 4.32 0.00	49.15 4.34 0.00
SISSONVILLE____ 23735	42.38 -0.91 0.00	38.90 -0.87 0.00	34.92 -0.82 0.00	34.04 -0.73 0.00	33.22 -0.61 0.00	32.34 -0.76 0.00	32.42 -0.76 0.00	30.20 -0.84 0.00	31.08 -0.73 0.00	33.37 -0.72 0.00	36.85 -0.75 0.00	40.79 -1.05 0.00	43.63 -1.16 0.00	46.85 -1.20 0.00	51.37 -1.26 0.00	56.23 -1.86 0.00	68.66 -2.20 0.00	73.89 -1.97 0.00	70.77 -1.89 0.00	62.36 -1.86 0.00	61.80 -1.91 0.00	51.55 -2.26 0.00	47.22 -1.81 0.00	43.68 -1.12 0.00
SITHE_IND_GS1 24169	41.90 -1.39 0.00	38.50 -1.27 0.00	34.67 -1.07 0.00	33.76 -1.01 0.00	32.82 -1.01 0.00	32.11 -0.99 0.00	32.19 -0.99 0.00	30.17 -0.87 0.00	30.89 -0.92 0.00	33.13 -0.95 0.00	36.36 -1.24 0.00	40.37 -1.47 0.00	36.27 -1.66 6.87	34.41 -1.73 11.91	34.49 -2.00 16.14	34.58 -2.15 21.36	34.68 -2.62 33.56	35.49 -2.81 37.57	34.68 -2.69 35.29	35.80 -2.37 26.04	39.43 -2.36 21.93	35.91 -2.04 15.86	35.91 -1.86 11.26	43.10 -1.70 0.00

SITHE_IND_GS2 24170	41.90 -1.39 0.00	38.50 -1.27 0.00	34.67 -1.07 0.00	33.76 -1.01 0.00	32.82 -1.01 0.00	32.11 -0.99 0.00	32.19 -0.99 0.00	30.17 -0.87 0.00	30.89 -0.92 0.00	33.13 -0.95 0.00	36.36 -1.24 0.00	40.37 -1.47 0.00	36.27 -1.66 6.87	34.41 -1.73 11.91	34.49 -2.00 16.14	34.58 -2.15 21.36	34.68 -2.62 33.56	35.49 -2.81 37.57	34.68 -2.69 35.29	35.80 -2.37 26.04	39.43 -2.36 21.93	35.91 -2.04 15.86	35.91 -1.86 11.26	43.10 -1.70 0.00
SITHE_IND_GS3 24171	41.90 -1.39 0.00	38.50 -1.27 0.00	34.67 -1.07 0.00	33.76 -1.01 0.00	32.82 -1.01 0.00	32.11 -0.99 0.00	32.19 -0.99 0.00	30.17 -0.87 0.00	30.89 -0.92 0.00	33.13 -0.95 0.00	36.36 -1.24 0.00	40.37 -1.47 0.00	36.27 -1.66 6.87	34.41 -1.73 11.91	34.49 -2.00 16.14	34.58 -2.15 21.36	34.68 -2.62 33.56	35.49 -2.81 37.57	34.68 -2.69 35.29	35.80 -2.37 26.04	39.43 -2.36 21.93	35.91 -2.04 15.86	35.91 -1.86 11.26	43.10 -1.70 0.00
SITHE_IND_GS4 24172	41.90 -1.39 0.00	38.50 -1.27 0.00	34.67 -1.07 0.00	33.76 -1.01 0.00	32.82 -1.01 0.00	32.11 -0.99 0.00	32.19 -0.99 0.00	30.17 -0.87 0.00	30.89 -0.92 0.00	33.13 -0.95 0.00	36.36 -1.24 0.00	40.37 -1.47 0.00	36.27 -1.66 6.87	34.41 -1.73 11.91	34.49 -2.00 16.14	34.58 -2.15 21.36	34.68 -2.62 33.56	35.49 -2.81 37.57	34.68 -2.69 35.29	35.80 -2.37 26.04	39.43 -2.36 21.93	35.91 -2.04 15.86	35.91 -1.86 11.26	43.10 -1.70 0.00
SITHE___BATAVIA 24024	33.53 -3.42 6.33	31.37 -2.90 5.50	29.41 -2.47 3.87	29.88 -2.61 2.28	31.09 -2.67 0.07	30.24 -2.58 0.29	30.51 -2.39 0.29	27.26 -1.95 1.82	29.36 -2.07 0.39	31.29 -2.11 0.68	32.90 -2.10 2.59	33.64 -2.59 5.61	34.38 -3.23 7.19	36.67 -3.31 8.07	37.32 -4.84 10.47	39.88 -5.11 13.09	45.90 -6.80 18.15	50.35 -6.83 18.69	48.43 -6.47 17.76	47.02 -5.26 11.93	49.59 -5.22 8.90	40.44 -4.47 8.91	38.44 -3.73 6.86	36.09 -3.54 5.17
SITHE___INDEPEND 23800	41.90 -1.39 0.00	38.50 -1.27 0.00	34.67 -1.07 0.00	33.76 -1.01 0.00	32.82 -1.01 0.00	32.11 -0.99 0.00	32.19 -1.00 0.00	30.17 -0.87 0.00	30.89 -0.92 0.00	33.13 -0.95 0.00	36.36 -1.24 0.00	40.38 -1.46 0.00	36.27 -1.66 6.87	34.31 -1.83 11.91	34.49 -2.00 16.14	34.58 -2.15 21.36	34.68 -2.62 33.56	35.49 -2.81 37.57	34.68 -2.69 35.29	35.80 -2.38 26.04	39.42 -2.36 21.93	36.02 -1.94 15.86	35.91 -1.86 11.26	43.10 -1.70 0.00
SITHE___MASSENA 23902	42.77 -0.52 0.00	39.29 -0.48 0.00	35.31 -0.43 0.00	34.42 -0.35 0.00	33.56 -0.27 0.00	32.81 -0.30 0.00	32.92 -0.27 0.00	30.66 -0.37 0.00	31.55 -0.26 0.00	33.88 -0.20 0.00	37.41 -0.19 0.00	41.46 -0.38 0.00	44.39 -0.40 0.00	47.62 -0.43 0.00	52.00 -0.63 0.00	57.27 -0.81 0.00	69.80 -1.06 0.00	74.96 -0.91 0.00	71.79 -0.87 0.00	63.26 -0.96 0.00	62.76 -0.95 0.00	52.79 -1.02 0.00	48.15 -0.88 0.00	44.36 -0.45 0.00
SITHE___OGDNSBRG 24021	43.03 -0.26 0.00	39.57 -0.20 0.00	35.52 -0.21 0.00	34.67 -0.10 0.00	33.80 -0.03 0.00	32.97 -0.13 0.00	33.02 -0.17 0.00	30.66 -0.37 0.00	31.46 -0.35 0.00	33.74 -0.34 0.00	37.26 -0.34 0.00	41.25 -0.59 0.00	44.12 -0.67 0.00	47.38 -0.67 0.00	51.89 -0.74 0.00	56.92 -1.16 0.00	69.58 -1.28 0.00	74.88 -0.99 0.00	71.86 -0.80 0.00	63.45 -0.77 0.00	62.95 -0.76 0.00	52.42 -1.40 0.00	48.01 -1.03 0.00	44.40 -0.40 0.00
SITHE___STERLING 23777	43.89 0.61 0.00	40.37 0.60 0.00	36.24 0.50 0.00	35.22 0.45 0.00	34.27 0.44 0.00	33.47 0.36 0.00	33.52 0.33 0.00	31.38 0.34 0.00	32.03 0.22 0.00	34.35 0.27 0.00	37.94 0.34 0.00	42.22 0.38 0.00	44.86 0.27 0.21	48.07 0.38 0.36	52.77 0.63 0.49	58.02 0.58 0.65	70.69 0.85 1.02	75.86 1.14 1.14	72.52 0.94 1.07	64.26 0.83 0.79	63.75 0.70 0.67	53.60 0.27 0.48	48.89 0.20 0.34	45.16 0.36 0.00
SLEIGHT__34_KV_TB1 80719	39.82 -2.16 1.30	36.76 -1.91 1.10	33.37 -1.57 0.79	32.64 -1.67 0.47	32.16 -1.66 0.01	31.39 -1.66 0.06	31.53 -1.59 0.06	29.37 -1.30 0.36	30.36 -1.37 0.08	32.65 -1.30 0.14	35.75 -1.32 0.53	39.10 -1.59 1.15	40.80 -1.88 2.11	42.94 -2.35 2.76	46.33 -2.63 3.66	50.61 -2.79 4.69	61.01 -3.54 6.30	65.09 -3.64 7.14	62.27 -3.56 6.83	56.13 -3.21 4.88	56.79 -3.06 3.87	48.07 -2.37 3.38	44.12 -2.45 2.46	41.40 -2.33 1.07
SOUTH CAIRO___GT 23612	45.54 2.25 0.00	41.88 2.11 0.00	37.60 1.86 0.00	36.58 1.81 0.00	35.49 1.66 0.00	34.66 1.56 0.00	34.54 1.36 0.00	32.15 1.12 0.00	32.60 0.80 0.00	34.80 0.72 0.00	38.50 0.90 0.00	43.01 1.17 0.00	46.18 1.39 0.00	49.68 1.63 0.00	54.79 2.16 0.00	60.99 2.90 0.00	74.97 4.11 0.00	80.87 5.01 0.00	77.45 4.80 0.00	68.58 4.37 0.00	68.30 4.59 0.00	62.59 3.50 -5.27	52.22 3.19 0.00	47.54 2.73 0.00
SOUTH HAMPTN___IC 23720	48.22 4.93 0.00	44.42 4.65 0.00	39.39 3.65 0.00	38.11 3.34 0.00	37.32 3.49 0.00	36.18 3.08 0.00	36.34 3.15 0.00	34.63 3.60 0.00	36.07 4.26 0.00	38.58 4.50 0.00	46.14 5.04 -3.50	52.00 5.81 -4.35	53.26 6.32 -2.15	56.66 6.34 -2.27	61.47 6.74 -2.10	65.24 5.40 -1.75	77.51 6.74 0.08	82.50 6.68 0.04	80.74 6.25 -1.84	69.29 5.07 0.00	65.85 4.08 1.95	60.83 4.68 -2.34	53.70 4.66 0.00	49.42 4.62 0.00
SOUTHDOW__115KV_TB1 355954	29.10 -3.55 10.63	27.78 -2.94 9.05	26.64 -2.61 6.49	28.20 -2.75 3.82	30.94 -2.77 0.12	29.92 -2.71 0.47	30.36 -2.36 0.47	26.08 -1.96 3.00	29.17 -2.00 0.64	31.04 -1.91 1.14	31.45 -1.80 4.35	30.21 -2.22 9.42	30.64 -2.91 11.24	32.00 -3.94 12.11	33.02 -4.37 15.24	34.63 -4.53 18.92	39.15 -5.67 26.04	44.33 -5.31 26.23	42.75 -4.94 24.96	43.97 -3.72 16.52	47.78 -3.89 12.04	38.17 -2.80 12.85	36.27 -2.84 9.92	33.74 -2.64 8.42
SOUTHOLD_69_KV_BK 2 55809	48.48 5.19 0.00	44.78 5.01 0.00	39.74 4.00 0.00	38.53 3.76 0.00	37.79 3.96 0.00	36.65 3.54 0.00	36.83 3.65 0.00	35.19 4.16 0.00	36.67 4.87 0.01	39.26 5.18 0.00	46.96 5.87 -3.50	52.80 6.61 -4.35	53.97 7.03 -2.15	57.77 7.45 -2.27	62.05 7.32 -2.10	65.99 6.16 -1.75	78.36 7.58 0.08	83.03 7.21 0.04	81.46 6.97 -1.83	69.81 5.59 0.00	66.29 4.52 1.95	60.62 4.47 -2.34	53.89 4.85 0.00	49.55 4.75 0.00
SOUTHOLD___IC 23719	48.48 5.19 0.00	44.78 5.01 0.00	39.74 4.00 0.00	38.53 3.76 0.00	37.79 3.96 0.00	36.65 3.54 0.00	36.83 3.65 0.00	35.20 4.16 0.00	36.67 4.87 0.00	39.26 5.18 0.00	46.96 5.86 -3.50	52.79 6.61 -4.35	53.97 7.03 -2.15	57.34 7.02 -2.27	62.10 7.37 -2.10	65.93 6.10 -1.75	78.28 7.51 0.08	83.26 7.44 0.04	81.46 6.98 -1.83	69.81 5.58 0.00	66.29 4.52 1.95	61.10 4.95 -2.34	53.89 4.86 0.00	49.51 4.70 0.00
SOUTH_FORK_WT_PWR 323839	48.22 4.93 0.00	44.62 4.85 0.00	39.67 3.93 0.00	38.49 3.72 0.00	37.86 4.02 0.00	36.68 3.58 0.00	36.93 3.75 0.00	35.29 4.25 0.00	36.77 4.96 0.00	39.33 5.25 0.00	47.00 5.90 -3.50	52.71 6.52 -4.35	53.75 6.81 -2.15	57.00 6.68 -2.27	61.68 6.95 -2.10	65.41 5.58 -1.75	77.65 6.87 0.08	82.57 6.75 0.04	80.74 6.25 -1.84	69.17 4.95 0.00	65.65 3.89 1.95	60.62 4.46 -2.34	53.40 4.36 0.00	49.06 4.26 0.00

SPIERFLS_115KV_TB 1 80737	44.98 1.69 0.00	41.36 1.59 0.00	37.10 1.36 0.00	36.20 1.43 0.00	35.05 1.22 0.00	34.33 1.22 0.00	34.31 1.13 0.00	32.06 1.02 0.00	32.48 0.67 0.00	34.73 0.65 0.00	38.20 0.60 0.00	42.43 0.59 0.00	45.42 0.63 0.00	49.06 1.01 0.00	53.84 1.21 0.00	60.23 2.15 0.00	74.54 3.68 0.00	80.27 4.40 0.00	77.16 4.50 0.00	68.58 4.37 0.00	68.30 4.59 0.00	68.25 3.82 -10.61	52.08 3.04 0.00	47.22 2.42 0.00
ST LAWRENCE____ 23600	42.64 -0.65 0.00	39.17 -0.60 0.00	35.20 -0.54 0.00	34.28 -0.49 0.00	33.43 -0.40 0.00	32.71 -0.40 0.00	32.79 -0.40 0.00	30.57 -0.46 0.00	31.46 -0.35 0.00	33.74 -0.34 0.00	37.22 -0.38 0.00	41.34 -0.50 0.00	44.26 -0.54 0.00	47.47 -0.57 0.00	51.89 -0.74 0.00	57.10 -0.99 0.00	69.65 -1.21 0.00	74.57 -1.29 0.00	71.49 -1.17 0.00	63.06 -1.15 0.00	62.57 -1.14 0.00	52.79 -1.02 0.00	48.15 -0.88 0.00	44.22 -0.58 0.00
STATE_CA_115KV_115_LB 55624	44.59 1.30 0.00	41.00 1.23 0.00	36.81 1.07 0.00	35.81 1.04 0.00	34.81 0.98 0.00	34.03 0.93 0.00	34.08 0.90 0.00	31.87 0.84 0.00	32.48 0.67 0.00	34.73 0.65 0.00	38.43 0.83 0.00	42.84 1.00 0.00	46.00 1.21 0.00	49.35 1.30 0.00	54.10 1.47 0.00	60.00 1.92 0.00	73.34 2.48 0.00	78.52 2.66 0.00	75.20 2.54 0.00	66.59 2.38 0.00	66.07 2.36 0.00	63.76 2.10 -7.85	50.85 1.81 0.00	46.42 1.61 0.00
STATE_ST_34_KV_LOAD 55959	45.47 -0.30 -2.48	41.59 -0.28 -2.10	37.04 -0.21 -1.52	35.39 -0.28 -0.89	33.52 -0.34 -0.03	32.88 -0.33 -0.11	33.00 -0.30 -0.11	31.55 -0.19 -0.70	31.67 -0.29 -0.15	34.14 -0.20 -0.26	38.35 -0.26 -1.02	43.70 -0.33 -2.20	46.81 -0.40 -2.42	50.05 -0.48 -2.48	55.26 -0.53 -3.16	61.57 -0.41 -3.90	74.89 -0.50 -4.53	80.45 -0.30 -4.89	77.13 -0.29 -4.77	67.07 -0.32 -3.17	65.75 -0.19 -2.22	56.76 -0.11 -3.05	50.73 -0.34 -2.04	46.42 -0.40 -2.02
STATION 5_MISC_HYD 23604	38.48 -2.86 1.95	35.64 -2.47 1.67	32.44 -2.11 1.19	31.88 -2.19 0.70	31.65 -2.17 0.02	30.87 -2.15 0.09	31.04 -2.06 0.09	28.81 -1.68 0.55	30.01 -1.69 0.12	32.20 -1.67 0.21	35.15 -1.65 0.80	38.11 -2.01 1.73	39.41 -2.42 2.97	41.76 -2.50 3.79	44.02 -3.58 5.03	47.83 -3.84 6.42	57.25 -4.96 8.64	61.02 -5.16 9.68	58.39 -5.01 9.26	53.35 -4.30 6.57	54.21 -4.33 5.17	45.54 -3.66 4.62	42.48 -3.19 3.37	40.19 -3.00 1.61
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	39.39 -2.34 1.56	36.38 -2.07 1.32	33.04 -1.75 0.95	32.40 -1.81 0.56	32.02 -1.79 0.02	31.25 -1.79 0.07	31.42 -1.69 0.07	29.20 -1.40 0.44	30.32 -1.40 0.09	32.55 -1.36 0.17	35.61 -1.35 0.64	38.83 -1.63 1.38	40.42 -1.97 2.41	42.41 -2.55 3.09	45.64 -2.89 4.09	49.78 -3.08 5.23	59.96 -3.90 7.00	63.95 -4.02 7.89	61.11 -4.00 7.55	55.31 -3.53 5.37	56.04 -3.44 4.24	47.41 -2.64 3.76	43.64 -2.65 2.75	40.97 -2.55 1.28
STA_56_34_KV_BUS2_REV_LBMP_B 345033	38.35 -2.94 1.99	35.48 -2.59 1.70	32.34 -2.18 1.22	31.79 -2.26 0.72	31.58 -2.23 0.02	30.80 -2.22 0.09	30.97 -2.12 0.09	28.70 -1.77 0.56	29.91 -1.78 0.12	32.13 -1.74 0.21	35.05 -1.73 0.82	37.98 -2.09 1.77	39.27 -2.51 3.02	40.98 -3.22 3.85	43.90 -3.63 5.10	47.69 -3.89 6.50	57.16 -4.96 8.73	60.84 -5.23 9.79	58.20 -5.09 9.36	53.14 -4.43 6.64	54.09 -4.40 5.23	45.80 -3.34 4.68	42.33 -3.29 3.42	40.02 -3.14 1.65
STA_56____34_KV_BUS2 355983	38.35 -2.94 1.99	35.48 -2.59 1.70	32.34 -2.18 1.22	31.79 -2.26 0.72	31.58 -2.23 0.02	30.80 -2.22 0.09	30.97 -2.12 0.09	28.70 -1.77 0.56	29.91 -1.78 0.12	32.13 -1.74 0.21	35.05 -1.73 0.82	37.98 -2.09 1.77	39.27 -2.51 3.02	40.98 -3.22 3.85	43.90 -3.63 5.10	47.69 -3.89 6.50	57.16 -4.96 8.73	60.84 -5.23 9.79	58.20 -5.09 9.36	53.14 -4.43 6.64	54.09 -4.40 5.23	45.80 -3.34 4.68	42.33 -3.29 3.42	40.02 -3.14 1.65
STA_67____115KV_BK2 355882	38.38 -2.94 1.96	35.55 -2.55 1.68	32.36 -2.18 1.20	31.81 -2.26 0.71	31.58 -2.23 0.02	30.80 -2.22 0.09	31.01 -2.09 0.09	28.74 -1.74 0.56	29.91 -1.78 0.12	32.13 -1.74 0.21	35.07 -1.73 0.80	38.01 -2.09 1.74	39.31 -2.51 2.98	40.93 -3.32 3.81	43.84 -3.74 5.05	47.64 -4.01 6.44	57.09 -5.10 8.67	60.77 -5.39 9.71	58.14 -5.23 9.28	53.14 -4.50 6.59	54.13 -4.40 5.18	45.85 -3.34 4.63	42.37 -3.29 3.38	40.09 -3.09 1.62
STA_7____115KV_9TRANS 80674	38.68 -2.64 1.97	35.78 -2.31 1.68	32.60 -1.93 1.20	32.01 -2.05 0.71	31.78 -2.03 0.02	31.00 -2.02 0.09	31.17 -1.92 0.09	28.93 -1.55 0.56	30.16 -1.53 0.12	32.37 -1.50 0.21	35.40 -1.39 0.81	38.38 -1.72 1.75	39.70 -2.11 2.99	41.35 -2.88 3.82	44.30 -3.26 5.06	48.14 -3.49 6.46	57.71 -4.46 8.69	61.51 -4.63 9.73	58.77 -4.58 9.30	53.64 -3.98 6.60	54.57 -3.95 5.19	46.26 -2.91 4.65	42.75 -2.89 3.39	40.35 -2.82 1.63
STA_82____115KV_TB1 80780	38.49 -2.94 1.85	35.60 -2.59 1.58	32.39 -2.22 1.13	31.85 -2.26 0.67	31.55 -2.27 0.02	30.77 -2.25 0.08	30.98 -2.12 0.08	28.74 -1.77 0.52	29.92 -1.78 0.11	32.11 -1.77 0.20	35.08 -1.77 0.76	38.07 -2.13 1.64	39.38 -2.55 2.86	41.00 -3.36 3.68	43.95 -3.79 4.89	47.78 -4.07 6.24	57.15 -5.24 8.46	60.94 -5.46 9.46	58.31 -5.30 9.04	53.24 -4.56 6.42	54.19 -4.46 5.06	45.93 -3.39 4.50	42.47 -3.29 3.28	40.14 -3.14 1.53
STEEL____WIND 323596	27.46 -3.98 11.85	26.33 -3.34 10.10	25.54 -2.97 7.23	27.42 -3.09 4.26	30.56 -3.15 0.13	29.53 -3.05 0.53	29.90 -2.75 0.53	25.39 -2.30 3.34	28.65 -2.45 0.71	30.40 -2.42 1.27	30.27 -2.48 4.85	28.38 -2.97 10.49	28.69 -3.63 12.47	30.90 -3.75 13.41	30.46 -5.31 16.86	31.41 -5.75 20.92	34.87 -7.37 28.62	39.39 -7.59 28.89	37.80 -7.34 27.52	40.04 -5.97 18.21	44.60 -5.86 13.25	34.53 -5.00 14.28	33.90 -4.17 10.97	31.57 -3.85 9.38
STEPHTWN_115KV_BK_2 55603	44.76 1.47 0.00	41.16 1.39 0.00	36.92 1.18 0.00	35.92 1.15 0.00	34.92 1.08 0.00	34.13 1.03 0.00	34.18 1.00 0.00	32.00 0.96 0.00	32.57 0.76 0.00	34.83 0.75 0.00	38.54 0.94 0.00	42.97 1.13 0.00	46.18 1.39 0.00	49.54 1.49 0.00	54.31 1.68 0.00	60.29 2.21 0.00	73.69 2.83 0.00	78.98 3.11 0.00	75.63 2.98 0.00	67.04 2.83 0.00	66.52 2.80 0.00	62.93 2.42 -6.69	51.09 2.06 0.00	46.64 1.84 0.00
STEBEN_REC_LFGE 323667	71.06 -1.86 -29.63	63.02 -1.83 -25.08	52.07 -1.75 -18.08	43.36 -2.05 -10.64	32.10 -2.06 -0.33	32.59 -1.82 -1.31	33.13 -1.36 -1.31	38.26 -1.09 -8.31	32.23 -1.34 -1.76	35.91 -1.33 -3.16	48.25 -1.47 -12.12	66.28 -1.80 -26.24	71.16 -2.11 -28.47	73.79 -3.08 -28.81	86.06 -3.42 -36.85	99.92 -3.43 -45.26	119.02 -3.83 -51.98	128.68 -3.41 -56.23	124.35 -3.20 -54.89	97.92 -2.63 -36.33	86.50 -2.42 -25.20	84.28 -1.56 -32.03	71.09 -1.62 -23.67	67.61 -1.39 -24.20
STILLWATER____SOLAR 323814	45.28 1.99 0.00	41.68 1.91 0.00	37.38 1.64 0.00	36.41 1.63 0.00	35.36 1.52 0.00	34.56 1.45 0.00	34.58 1.39 0.00	32.31 1.27 0.00	32.80 0.99 0.00	35.03 0.95 0.00	38.65 1.05 0.00	43.01 1.17 0.00	46.19 1.39 0.00	49.68 1.63 0.00	54.63 2.00 0.00	60.76 2.67 0.00	74.54 3.68 0.00	80.11 4.25 0.00	76.87 4.21 0.00	68.20 3.98 0.00	67.73 4.02 0.00	67.55 3.39 -10.34	51.98 2.94 0.00	47.27 2.46 0.00

STONY___BROOK 24151	47.75 4.46 0.00	43.83 4.06 0.00	38.85 3.11 0.00	37.52 2.75 0.00	36.68 2.84 0.00	35.55 2.45 0.00	35.67 2.49 0.00	33.95 2.92 0.00	35.34 3.53 0.00	37.73 3.65 0.00	45.34 4.25 -3.50	51.25 5.06 -4.35	52.54 5.60 -2.15	56.56 5.62 -2.89	61.21 6.05 -2.53	64.41 5.00 -1.33	77.02 6.24 0.08	82.05 6.22 0.04	79.64 5.67 -1.32	68.78 4.56 0.00	65.92 4.08 1.87	60.35 4.20 -2.34	53.40 4.36 0.00	49.24 4.44 0.00
STURGEON_POOL_HYD 23609	45.88 2.60 0.00	42.04 2.27 0.00	37.67 1.93 0.00	36.51 1.74 0.00	35.49 1.66 0.00	34.69 1.59 0.00	34.74 1.56 0.00	32.68 1.64 0.00	33.49 1.69 0.00	35.82 1.74 0.00	39.78 2.18 0.00	44.64 2.80 0.00	47.98 3.18 0.00	51.60 3.56 0.00	56.47 3.84 0.00	62.38 4.30 0.00	76.11 5.31 0.06	81.68 5.84 0.02	77.87 5.23 0.01	68.65 4.43 0.00	68.24 4.52 0.00	60.53 3.77 -2.94	52.61 3.58 0.00	47.81 3.00 0.00
ST_LAW_115_BK7_LBMP 345037	42.59 -0.69 0.00	39.09 -0.68 0.00	35.17 -0.57 0.00	34.25 -0.52 0.00	33.39 -0.44 0.00	32.67 -0.43 0.00	32.75 -0.43 0.00	30.51 -0.53 0.00	31.39 -0.41 0.00	33.71 -0.37 0.00	37.19 -0.41 0.00	41.25 -0.59 0.00	44.17 -0.63 0.00	47.42 -0.63 0.00	51.79 -0.84 0.00	57.04 -1.04 0.00	69.51 -1.35 0.00	74.50 -1.36 0.00	71.35 -1.31 0.00	62.93 -1.28 0.00	62.44 -1.27 0.00	52.68 -1.13 0.00	48.05 -0.98 0.00	44.13 -0.67 0.00
ST_LAW_115_BK8_LBMP 345038	42.59 -0.69 0.00	39.09 -0.68 0.00	35.17 -0.57 0.00	34.25 -0.52 0.00	33.39 -0.44 0.00	32.67 -0.43 0.00	32.75 -0.43 0.00	30.51 -0.53 0.00	31.39 -0.41 0.00	33.71 -0.37 0.00	37.19 -0.41 0.00	41.25 -0.59 0.00	44.17 -0.63 0.00	47.42 -0.63 0.00	51.79 -0.84 0.00	57.04 -1.04 0.00	69.51 -1.35 0.00	74.50 -1.36 0.00	71.35 -1.31 0.00	62.93 -1.28 0.00	62.44 -1.27 0.00	52.68 -1.13 0.00	48.05 -0.98 0.00	44.13 -0.67 0.00
ST_LAW_230_BK5_LBMP 345035	42.64 -0.65 0.00	39.17 -0.60 0.00	35.20 -0.54 0.00	34.28 -0.49 0.00	33.43 -0.40 0.00	32.71 -0.40 0.00	32.79 -0.40 0.00	30.57 -0.46 0.00	31.46 -0.35 0.00	33.74 -0.34 0.00	37.22 -0.38 0.00	41.34 -0.50 0.00	44.26 -0.54 0.00	47.47 -0.57 0.00	51.89 -0.74 0.00	57.10 -0.99 0.00	69.65 -1.21 0.00	74.57 -1.29 0.00	71.49 -1.17 0.00	63.06 -1.15 0.00	62.57 -1.14 0.00	52.79 -1.02 0.00	48.15 -0.88 0.00	44.22 -0.58 0.00
ST_LAW_230_BK6_LBMP 345036	42.64 -0.65 0.00	39.17 -0.60 0.00	35.20 -0.54 0.00	34.28 -0.49 0.00	33.43 -0.40 0.00	32.71 -0.40 0.00	32.79 -0.40 0.00	30.57 -0.46 0.00	31.46 -0.35 0.00	33.74 -0.34 0.00	37.22 -0.38 0.00	41.34 -0.50 0.00	44.26 -0.54 0.00	47.47 -0.57 0.00	51.89 -0.74 0.00	57.10 -0.99 0.00	69.65 -1.21 0.00	74.57 -1.29 0.00	71.49 -1.17 0.00	63.06 -1.15 0.00	62.57 -1.14 0.00	52.79 -1.02 0.00	48.15 -0.88 0.00	44.22 -0.58 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	45.58 2.29 0.00	41.80 2.03 0.00	37.45 1.72 0.00	36.30 1.53 0.00	35.29 1.45 0.00	34.49 1.39 0.00	34.61 1.43 0.00	32.56 1.52 0.00	33.40 1.59 0.00	35.72 1.64 0.00	39.67 2.07 0.00	44.43 2.59 0.00	47.75 2.96 0.00	51.32 3.27 0.00	56.16 3.53 0.00	62.09 4.01 0.00	75.68 4.89 0.07	81.15 5.31 0.03	77.36 4.72 0.02	68.33 4.11 0.00	67.85 4.14 0.00	59.62 3.61 -2.20	52.32 3.29 0.00	47.58 2.78 0.00
SWANROAD_115KV_TB1 355699	29.60 -5.02 8.66	27.95 -4.18 7.64	26.69 -3.75 5.29	27.79 -3.86 3.12	29.74 -3.99 0.10	28.93 -3.77 0.40	29.30 -3.48 0.40	25.56 -2.95 2.53	28.15 -3.12 0.54	29.94 -3.20 0.94	30.66 -3.38 3.55	30.15 -4.02 7.67	30.52 -4.84 9.44	31.45 -6.25 10.35	32.27 -6.89 13.47	33.71 -7.61 16.77	37.09 -10.20 23.56	41.51 -10.62 23.74	40.28 -9.88 22.49	41.10 -8.22 14.90	44.72 -8.03 10.97	36.30 -6.08 11.44	34.51 -5.74 8.79	32.44 -5.24 7.12
SYNERGY___BIOGAS 323694	33.53 -3.42 6.33	31.37 -2.90 5.50	29.41 -2.47 3.87	29.89 -2.61 2.28	31.09 -2.67 0.07	30.24 -2.58 0.29	30.51 -2.39 0.29	27.26 -1.96 1.82	29.36 -2.07 0.39	31.29 -2.11 0.68	32.90 -2.11 2.59	33.64 -2.59 5.61	34.38 -3.23 7.19	35.66 -4.32 8.07	37.32 -4.84 10.47	39.77 -5.23 13.09	45.90 -6.80 18.15	50.20 -6.98 18.69	48.43 -6.47 17.76	46.95 -5.33 11.93	49.65 -5.16 8.90	41.14 -3.77 8.91	38.44 -3.73 6.86	36.09 -3.54 5.17
SYRACUSE___ENERGY_ST1 323597	42.81 -0.48 0.00	39.37 -0.40 0.00	35.42 -0.32 0.00	34.42 -0.35 0.00	33.46 -0.37 0.00	32.74 -0.36 0.00	32.82 -0.37 0.00	30.79 -0.25 0.00	31.49 -0.32 0.00	33.84 -0.24 0.00	37.26 -0.34 0.00	41.42 -0.42 0.00	44.30 -0.49 0.00	47.47 -0.58 0.00	52.05 -0.58 0.00	57.50 -0.58 0.00	70.15 -0.71 0.00	75.11 -0.76 0.00	71.86 -0.80 0.00	63.45 -0.77 0.00	63.01 -0.70 0.00	53.28 -0.54 0.00	48.35 -0.69 0.00	44.13 -0.67 0.00
SYRACUSE___ENERGY_ST2 323598	42.81 -0.48 0.00	39.37 -0.40 0.00	35.42 -0.32 0.00	34.42 -0.35 0.00	33.46 -0.37 0.00	32.74 -0.36 0.00	32.82 -0.37 0.00	30.79 -0.25 0.00	31.49 -0.32 0.00	33.84 -0.24 0.00	37.26 -0.34 0.00	41.42 -0.42 0.00	44.30 -0.49 0.00	47.47 -0.58 0.00	52.05 -0.58 0.00	57.50 -0.58 0.00	70.15 -0.71 0.00	75.11 -0.76 0.00	71.86 -0.80 0.00	63.45 -0.77 0.00	63.01 -0.70 0.00	53.28 -0.54 0.00	48.35 -0.69 0.00	44.13 -0.67 0.00
SYRACUSE___POWER 24017	42.77 -0.52 0.00	39.29 -0.48 0.00	35.35 -0.39 0.00	34.35 -0.42 0.00	33.39 -0.44 0.00	32.67 -0.43 0.00	32.75 -0.43 0.00	30.73 -0.31 0.00	31.43 -0.38 0.00	33.77 -0.31 0.00	37.19 -0.41 0.00	41.34 -0.50 0.00	43.92 -0.58 0.29	46.87 -0.67 0.50	51.26 -0.68 0.68	56.49 -0.70 0.90	68.59 -0.85 1.42	73.44 -0.83 1.59	70.29 -0.87 1.49	62.28 -0.83 1.10	62.02 -0.76 0.93	52.55 -0.59 0.67	47.82 -0.74 0.48	44.09 -0.72 0.00
TALLMAN__138KV_BK151 55660	45.93 2.64 0.00	42.08 2.31 0.00	37.70 1.97 0.00	36.51 1.74 0.00	35.52 1.69 0.00	34.69 1.59 0.00	34.81 1.63 0.00	32.81 1.77 0.00	33.69 1.88 0.00	36.02 1.94 0.00	40.04 2.44 0.00	44.89 3.05 0.00	48.24 3.45 0.00	51.89 3.84 0.00	56.68 4.05 0.00	62.67 4.59 0.00	76.32 5.53 0.07	81.83 5.99 0.03	78.02 5.38 0.01	68.91 4.69 0.00	68.36 4.65 0.00	60.16 4.09 -2.26	52.81 3.78 0.00	47.99 3.18 0.00
TEALLAVE_115KV_TB7 355573	42.55 -0.74 0.00	39.13 -0.64 0.00	35.20 -0.54 0.00	34.25 -0.52 0.00	33.29 -0.54 0.00	32.54 -0.56 0.00	32.62 -0.56 0.00	30.60 -0.43 0.00	31.33 -0.48 0.00	33.64 -0.44 0.00	37.07 -0.53 0.00	41.21 -0.63 0.00	43.63 -0.76 0.40	46.49 -0.86 0.69	50.80 -0.89 0.94	55.91 -0.93 1.24	67.77 -1.13 1.95	72.47 -1.21 2.18	69.37 -1.24 2.05	61.55 -1.16 1.51	61.36 -1.08 1.27	52.03 -0.86 0.92	47.40 -0.98 0.65	43.86 -0.94 0.00
TELGRAPH_34_KV_EAST 80808	31.73 -4.16 7.40	29.84 -3.50 6.44	28.14 -3.07 4.52	28.91 -3.20 2.66	30.47 -3.28 0.08	29.62 -3.14 0.34	29.96 -2.89 0.34	26.48 -2.42 2.13	28.81 -2.54 0.45	30.69 -2.59 0.80	31.94 -2.63 3.03	32.10 -3.18 6.56	32.68 -3.90 8.22	33.79 -5.14 9.11	35.09 -5.74 11.81	37.14 -6.22 14.73	42.16 -8.22 20.48	46.47 -8.50 20.89	44.82 -7.99 19.84	44.35 -6.61 13.25	47.46 -6.44 9.82	38.99 -4.79 10.04	36.65 -4.66 7.72	34.46 -4.30 6.04

TEMPLE___115KV_TB 2 55572	42.60 -0.69 0.00	39.17 -0.60 0.00	35.24 -0.50 0.00	34.25 -0.52 0.00	33.29 -0.54 0.00	32.57 -0.53 0.00	32.65 -0.53 0.00	30.63 -0.40 0.00	31.36 -0.45 0.00	33.67 -0.41 0.00	37.07 -0.53 0.00	41.21 -0.63 0.00	43.67 -0.72 0.41	46.53 -0.82 0.70	50.78 -0.89 0.95	55.95 -0.87 1.26	67.74 -1.13 1.99	72.50 -1.14 2.22	69.33 -1.24 2.09	61.59 -1.09 1.54	61.33 -1.08 1.30	52.02 -0.86 0.94	47.44 -0.93 0.67	43.91 -0.90 0.00
TIANA___69_KV_BK 1 55817	48.18 4.89 0.00	44.30 4.53 0.00	39.28 3.54 0.00	38.01 3.23 0.00	37.18 3.35 0.00	36.02 2.91 0.00	36.17 2.99 0.00	34.48 3.44 0.00	35.90 4.10 0.01	38.41 4.33 0.00	45.91 4.81 -3.50	51.79 5.61 -4.35	53.08 6.14 -2.15	57.00 6.68 -2.27	61.26 6.53 -2.10	65.18 5.34 -1.75	77.44 6.66 0.08	82.12 6.30 0.04	80.59 6.10 -1.83	69.30 5.07 0.00	65.78 4.01 1.95	60.30 4.14 -2.34	53.74 4.71 0.00	49.51 4.70 0.00
TILDEN___115KV_TB1 80814	42.77 -0.52 0.00	39.29 -0.48 0.00	35.35 -0.39 0.00	34.35 -0.42 0.00	33.39 -0.44 0.00	32.67 -0.43 0.00	32.75 -0.43 0.00	30.73 -0.31 0.00	31.43 -0.38 0.00	33.77 -0.31 0.00	37.19 -0.41 0.00	41.34 -0.50 0.00	43.92 -0.58 0.29	46.87 -0.67 0.50	51.26 -0.68 0.68	56.49 -0.70 0.90	68.59 -0.85 1.42	73.44 -0.83 1.59	70.29 -0.87 1.49	62.28 -0.83 1.10	62.02 -0.76 0.93	52.55 -0.59 0.67	47.82 -0.74 0.48	44.09 -0.72 0.00
TRIGEN___CC 323695	46.79 3.51 0.00	42.87 3.10 0.00	38.13 2.39 0.00	36.86 2.09 0.00	35.93 2.10 0.00	34.93 1.82 0.00	35.04 1.86 0.00	33.24 2.20 0.00	34.57 2.77 0.01	36.81 2.73 0.00	44.48 3.38 -3.50	50.25 4.06 -4.35	51.47 4.52 -2.15	53.18 5.00 -0.14	57.95 5.26 -0.06	62.73 4.65 0.01	76.81 6.02 0.07	81.52 5.69 0.03	77.72 5.09 0.02	68.51 4.30 0.01	67.71 4.40 0.40	60.03 3.87 -2.34	52.91 3.87 0.00	48.66 3.85 0.00
TRINITY___115KV___ 4 BK 55933	44.46 1.17 0.00	40.88 1.11 0.00	36.70 0.96 0.00	35.71 0.94 0.00	34.71 0.88 0.00	33.97 0.86 0.00	33.98 0.80 0.00	31.81 0.78 0.00	32.38 0.57 0.00	34.63 0.55 0.00	38.28 0.68 0.00	42.72 0.88 0.00	45.87 1.08 0.00	49.15 1.11 0.00	53.89 1.26 0.00	59.71 1.63 0.00	72.98 2.13 0.00	78.14 2.28 0.00	74.83 2.18 0.00	66.27 2.05 0.00	65.75 2.04 0.00	62.51 1.83 -6.87	50.60 1.57 0.00	46.24 1.43 0.00
UNION___PROCESSING_DRP 323587	38.42 -2.94 1.93	35.54 -2.59 1.65	32.38 -2.18 1.18	31.82 -2.26 0.69	31.58 -2.23 0.02	30.80 -2.22 0.09	30.97 -2.12 0.09	28.72 -1.77 0.55	29.91 -1.78 0.12	32.10 -1.77 0.21	35.04 -1.77 0.79	38.00 -2.13 1.71	39.31 -2.55 2.94	40.93 -3.36 3.75	43.86 -3.79 4.98	47.67 -4.07 6.35	57.08 -5.17 8.60	60.80 -5.46 9.60	58.25 -5.23 9.17	53.16 -4.56 6.50	54.14 -4.46 5.12	45.91 -3.34 4.57	42.42 -3.29 3.33	40.07 -3.14 1.59
UPPER HUDSON___HYD 24058	44.97 1.69 0.00	41.36 1.59 0.00	37.10 1.36 0.00	36.20 1.43 0.00	35.05 1.22 0.00	34.33 1.23 0.00	34.31 1.13 0.00	32.03 0.99 0.00	32.48 0.67 0.00	34.73 0.65 0.00	38.20 0.60 0.00	42.43 0.59 0.00	45.42 0.63 0.00	48.96 0.91 0.00	53.89 1.26 0.00	60.23 2.15 0.00	74.54 3.68 0.00	80.26 4.40 0.00	77.16 4.51 0.00	68.59 4.37 0.00	68.30 4.59 0.00	68.14 3.71 -10.61	52.08 3.04 0.00	47.22 2.42 0.00
UPPER RAQUET___HYD 24056	42.38 -0.91 0.00	38.90 -0.88 0.00	34.92 -0.82 0.00	34.04 -0.73 0.00	33.22 -0.61 0.00	32.31 -0.79 0.00	32.42 -0.76 0.00	30.20 -0.84 0.00	31.08 -0.73 0.00	33.33 -0.75 0.00	36.85 -0.75 0.00	40.80 -1.04 0.00	43.63 -1.16 0.00	46.85 -1.20 0.00	51.21 -1.42 0.00	56.22 -1.86 0.00	68.73 -2.12 0.00	73.89 -1.97 0.00	70.77 -1.89 0.00	62.35 -1.86 0.00	61.80 -1.91 0.00	51.83 -1.99 0.00	47.22 -1.81 0.00	43.69 -1.12 0.00
VALLEY44_115KV_TB2 355964	31.17 -2.38 9.74	29.61 -1.87 8.29	28.12 -1.68 5.94	29.46 -1.81 3.50	31.90 -1.83 0.11	30.89 -1.79 0.43	31.23 -1.53 0.43	27.11 -1.18 2.75	29.92 -1.30 0.58	31.81 -1.23 1.04	32.49 -1.13 3.98	31.75 -1.46 8.62	32.48 -1.97 10.35	34.03 -2.83 11.18	35.27 -3.26 14.10	37.02 -3.54 17.52	42.06 -4.53 24.26	46.92 -4.55 24.39	45.17 -4.29 23.19	45.66 -3.21 15.35	49.32 -3.19 11.21	39.70 -2.26 11.86	37.45 -2.40 9.18	34.84 -2.24 7.73
VALLEY___115KV_TB 1-4 80826	44.33 1.04 0.00	40.72 0.95 0.00	36.52 0.79 0.00	35.54 0.76 0.00	34.54 0.71 0.00	33.80 0.70 0.00	33.88 0.70 0.00	31.69 0.65 0.00	32.41 0.60 0.00	34.76 0.68 0.00	38.39 0.79 0.00	42.68 0.84 0.00	45.56 0.76 0.00	48.82 0.77 0.00	53.58 0.95 0.00	59.01 0.93 0.00	71.85 0.99 0.00	77.00 1.14 0.00	73.74 1.09 0.00	65.18 0.96 0.00	64.48 0.76 0.00	54.35 0.54 0.00	49.53 0.49 0.00	45.25 0.45 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	44.80 1.52 0.00	41.16 1.39 0.00	36.95 1.22 0.00	35.99 1.22 0.00	34.98 1.15 0.00	34.23 1.13 0.00	34.28 1.10 0.00	32.09 1.06 0.00	32.73 0.92 0.00	35.10 1.02 0.00	38.92 1.32 0.00	43.43 1.59 0.00	46.41 1.61 0.00	49.83 1.78 0.00	54.81 2.16 -0.02	60.44 2.32 -0.03	73.55 2.91 0.21	79.00 3.19 0.05	75.33 2.69 0.02	66.68 2.44 -0.02	66.02 2.29 -0.01	57.68 1.72 -2.15	50.52 1.47 -0.01	46.21 1.39 -0.01
VISCHER___FERRY HYD 24020	45.06 1.78 0.00	41.44 1.67 0.00	37.20 1.47 0.00	36.20 1.43 0.00	35.19 1.35 0.00	34.36 1.26 0.00	34.41 1.23 0.00	32.19 1.15 0.00	32.73 0.92 0.00	34.97 0.88 0.00	38.62 1.02 0.00	43.05 1.21 0.00	46.23 1.43 0.00	49.54 1.49 0.00	54.47 1.84 0.00	60.35 2.26 0.00	73.76 2.91 0.00	79.13 3.26 0.00	76.00 3.34 0.00	67.36 3.15 0.00	66.71 3.00 0.00	65.65 2.64 -9.20	51.39 2.35 0.00	46.82 2.02 0.00
V_A_10_SYNC_DSASP 323832	32.48 -4.59 6.22	30.61 -3.94 5.22	28.44 -3.50 3.79	28.99 -3.55 2.23	30.18 -3.59 0.07	29.36 -3.48 0.27	29.66 -3.25 0.27	26.51 -2.79 1.73	28.52 -2.93 0.37	30.46 -2.97 0.66	31.94 -3.12 2.54	32.66 -3.68 5.50	33.33 -4.35 7.12	34.58 -5.43 8.04	36.07 -6.05 10.51	38.32 -6.62 13.15	42.33 -8.43 20.10	47.37 -8.95 19.54	45.79 -8.57 18.29	44.99 -7.19 12.04	47.65 -7.07 9.00	39.42 -5.44 8.96	36.95 -5.20 6.89	34.89 -4.79 5.12
V_CMM_10_SYNC_DSASP 323787	42.68 -0.61 0.00	39.21 -0.56 0.00	35.24 -0.50 0.00	34.35 -0.42 0.00	33.49 -0.34 0.00	32.77 -0.33 0.00	32.85 -0.33 0.00	30.60 -0.43 0.00	31.52 -0.29 0.00	33.81 -0.27 0.00	37.34 -0.26 0.00	41.42 -0.42 0.00	44.35 -0.45 0.00	47.62 -0.43 0.00	52.10 -0.53 0.00	56.98 -1.10 0.00	69.44 -1.42 0.00	74.42 -1.44 0.00	71.35 -1.31 0.00	62.87 -1.35 0.00	62.38 -1.34 0.00	52.42 -1.40 0.00	48.15 -0.88 0.00	44.31 -0.49 0.00
V_CMP_10_SYNC_DSASP 323788	42.81 -0.48 0.00	39.33 -0.44 0.00	35.38 -0.36 0.00	34.53 -0.24 0.00	33.73 -0.10 0.00	33.04 -0.07 0.00	33.12 -0.07 0.00	30.88 -0.16 0.00	31.81 0.00 0.00	34.18 0.10 0.00	37.71 0.11 0.00	41.76 -0.08 0.00	44.71 -0.09 0.00	48.05 0.00 0.00	52.26 -0.37 0.00	57.21 -0.87 0.00	69.65 -1.20 0.00	74.65 -1.21 0.00	71.49 -1.16 0.00	62.93 -1.28 0.00	62.44 -1.27 0.00	52.52 -1.29 0.00	48.35 -0.69 0.00	44.54 -0.27 0.00

V_D_10_SYNC_DSASP 323841	42.77 -0.52 0.00	39.33 -0.44 0.00	35.35 -0.39 0.00	34.42 -0.35 0.00	33.60 -0.24 0.00	32.81 -0.30 0.00	32.92 -0.27 0.00	30.66 -0.37 0.00	31.55 -0.25 0.00	33.88 -0.20 0.00	37.41 -0.19 0.00	41.46 -0.38 0.00	44.39 -0.40 0.00	47.66 -0.38 0.00	52.16 -0.47 0.00	57.27 -0.81 0.00	69.80 -1.06 0.00	74.95 -0.91 0.00	71.78 -0.87 0.00	63.25 -0.96 0.00	62.76 -0.96 0.00	52.58 -1.24 0.00	48.15 -0.88 0.00	44.36 -0.45 0.00
V_E_10_SYNC_DSASP 323830	47.46 1.69 -2.49	43.43 1.55 -2.11	38.61 1.36 -1.52	36.95 1.29 -0.89	35.08 1.22 -0.03	34.34 1.13 -0.11	34.22 0.93 -0.11	32.57 0.84 -0.70	32.43 0.48 -0.15	34.86 0.51 -0.27	39.33 0.71 -1.02	44.84 0.79 -2.20	47.52 0.49 -2.23	50.68 0.48 -2.15	56.48 1.11 -2.75	62.53 1.10 -3.34	76.04 1.84 -3.34	82.31 2.66 -3.79	78.69 2.25 -3.78	68.62 1.93 -2.48	67.07 1.72 -1.63	58.10 0.86 -3.43	51.27 0.49 -1.75	47.48 0.63 -2.05
V_F_30_NSYNC___DSASP 323816	45.32 2.03 0.00	41.68 1.91 0.00	37.42 1.68 0.00	36.44 1.67 0.00	35.36 1.52 0.00	34.59 1.49 0.00	34.61 1.43 0.00	32.34 1.30 0.00	32.83 1.02 0.00	35.10 1.02 0.00	38.77 1.17 0.00	43.14 1.30 0.00	46.32 1.52 0.00	49.88 1.83 0.00	54.73 2.11 0.00	60.87 2.79 0.00	74.76 3.90 0.00	80.27 4.40 0.00	76.94 4.29 0.00	68.26 4.05 0.00	67.85 4.14 0.00	67.86 3.55 -10.49	52.03 2.99 0.00	47.31 2.51 0.00
V_F_30_SYNC_DSASP 323786	44.59 1.30 0.00	41.00 1.23 0.00	36.81 1.07 0.00	35.81 1.04 0.00	34.81 0.98 0.00	34.03 0.93 0.00	34.08 0.90 0.00	31.87 0.84 0.00	32.45 0.64 0.00	34.69 0.61 0.00	38.39 0.79 0.00	42.84 1.00 0.00	46.00 1.21 0.00	49.35 1.30 0.00	54.10 1.47 0.00	60.00 1.92 0.00	73.34 2.48 0.00	78.52 2.66 0.00	75.20 2.54 0.00	66.59 2.38 0.00	66.07 2.36 0.00	63.68 2.10 -7.77	50.85 1.81 0.00	46.42 1.61 0.00
V_XM_10_SYNC_DSASP 323789	42.81 -0.48 0.00	39.33 -0.44 0.00	35.38 -0.36 0.00	34.53 -0.24 0.00	33.73 -0.10 0.00	33.04 -0.07 0.00	33.12 -0.07 0.00	30.88 -0.16 0.00	31.81 0.00 0.00	34.18 0.10 0.00	37.71 0.11 0.00	41.76 -0.08 0.00	44.71 -0.09 0.00	48.05 0.00 0.00	52.26 -0.37 0.00	57.21 -0.87 0.00	69.65 -1.20 0.00	74.65 -1.21 0.00	71.49 -1.16 0.00	62.93 -1.28 0.00	62.44 -1.27 0.00	52.52 -1.29 0.00	48.35 -0.69 0.00	44.54 -0.27 0.00
W.BABYLN_69_KV_BK1 56697	47.96 4.68 0.00	43.95 4.18 0.00	38.95 3.22 0.00	37.62 2.85 0.00	36.74 2.91 0.00	35.62 2.52 0.00	35.74 2.56 0.00	33.98 2.95 0.00	35.36 3.56 0.01	37.76 3.68 0.00	45.57 4.47 -3.50	51.46 5.27 -4.35	52.81 5.87 -2.15	54.84 6.39 -0.40	59.44 6.42 -0.39	65.04 5.69 -1.26	77.94 7.16 0.08	82.66 6.83 0.04	79.48 6.32 -0.50	69.42 5.20 0.00	67.35 5.16 1.52	60.72 4.57 -2.33	53.89 4.85 0.00	49.69 4.88 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	46.10 2.81 0.00	42.20 2.43 0.00	37.81 2.07 0.00	36.65 1.88 0.00	35.63 1.79 0.00	34.83 1.72 0.00	34.91 1.73 0.00	32.90 1.86 0.00	33.78 1.97 0.00	36.13 2.04 0.00	40.16 2.56 0.00	45.06 3.22 0.00	48.42 3.63 0.00	52.09 4.04 0.00	56.95 4.32 0.00	62.91 4.82 0.00	76.67 5.88 0.07	82.21 6.37 0.03	78.38 5.74 0.01	69.16 4.94 0.00	68.68 4.97 0.00	60.45 4.36 -2.28	53.01 3.97 0.00	48.17 3.36 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	46.66 3.38 0.00	42.67 2.90 0.00	38.24 2.50 0.00	36.96 2.19 0.00	35.96 2.13 0.00	35.16 2.05 0.00	35.31 2.12 0.00	33.36 2.33 0.00	34.48 2.48 -0.19	36.67 2.59 0.00	40.81 3.16 -0.05	46.34 3.89 -0.61	55.89 4.35 -6.75	57.98 4.76 -5.18	60.03 5.00 -2.40	63.76 5.58 -0.10	77.62 6.73 -0.03	83.06 7.21 0.01	79.11 6.47 0.01	69.80 5.59 0.00	69.38 5.67 0.00	61.23 5.06 -2.36	53.66 4.61 -0.01	48.80 3.99 -0.01
W50THST__13_KV_LOAD 356117	46.88 3.59 0.00	42.87 3.10 0.00	38.42 2.68 0.00	37.14 2.36 0.00	36.13 2.30 0.00	35.32 2.22 0.00	35.47 2.29 0.00	33.52 2.48 0.00	34.70 2.70 -0.19	36.88 2.79 0.00	41.08 3.42 -0.05	46.59 4.14 -0.61	56.20 4.66 -6.75	58.32 5.09 -5.18	60.40 5.37 -2.40	64.17 5.98 -0.10	78.19 7.30 -0.03	83.59 7.74 0.01	79.62 6.97 0.01	70.19 5.97 0.00	69.77 6.05 0.00	61.55 5.38 -2.36	53.95 4.90 -0.01	49.02 4.21 -0.01
WADING RIVER_IC_1 23522	47.92 4.63 0.00	44.03 4.26 0.00	39.02 3.29 0.00	37.73 2.95 0.00	36.91 3.08 0.00	35.75 2.65 0.00	35.87 2.69 0.00	34.17 3.13 0.00	35.53 3.72 0.00	38.00 3.92 0.00	45.31 4.21 -3.50	51.16 4.98 -4.35	52.40 5.46 -2.15	55.84 5.52 -2.26	60.67 5.95 -2.10	64.25 4.41 -1.75	76.37 5.60 0.08	81.29 5.47 0.04	79.66 5.16 -1.85	68.59 4.37 0.00	64.95 3.18 1.95	60.36 4.20 -2.34	53.35 4.32 0.00	49.15 4.34 0.00
WADING RIVER_IC_2 23547	47.92 4.63 0.00	44.03 4.26 0.00	39.02 3.29 0.00	37.73 2.95 0.00	36.91 3.08 0.00	35.75 2.65 0.00	35.87 2.69 0.00	34.17 3.13 0.00	35.53 3.72 0.00	38.00 3.92 0.00	45.31 4.21 -3.50	51.16 4.98 -4.35	52.40 5.46 -2.15	55.84 5.52 -2.26	60.67 5.95 -2.10	64.25 4.41 -1.75	76.37 5.60 0.08	81.29 5.47 0.04	79.66 5.16 -1.85	68.59 4.37 0.00	64.95 3.18 1.95	60.36 4.20 -2.34	53.35 4.32 0.00	49.15 4.34 0.00
WADING RIVER_IC_3 23601	47.92 4.63 0.00	44.03 4.26 0.00	39.02 3.29 0.00	37.73 2.95 0.00	36.91 3.08 0.00	35.75 2.65 0.00	35.87 2.69 0.00	34.17 3.13 0.00	35.53 3.72 0.00	38.00 3.92 0.00	45.31 4.21 -3.50	51.16 4.98 -4.35	52.40 5.46 -2.15	55.84 5.52 -2.26	60.67 5.95 -2.10	64.25 4.41 -1.75	76.37 5.60 0.08	81.29 5.47 0.04	79.66 5.16 -1.85	68.59 4.37 0.00	64.95 3.18 1.95	60.36 4.20 -2.34	53.35 4.32 0.00	49.15 4.34 0.00
WALDENNY_12_KV_BK2 80841	27.72 -4.07 11.50	26.52 -3.42 9.83	25.68 -3.04 7.02	27.47 -3.16 4.13	30.49 -3.21 0.13	29.48 -3.11 0.51	29.85 -2.82 0.51	25.42 -2.36 3.26	28.61 -2.51 0.69	30.36 -2.49 1.23	30.38 -2.52 4.70	28.69 -2.97 10.18	28.98 -3.67 12.14	30.12 -4.85 13.07	30.73 -5.42 16.48	31.71 -5.92 20.45	35.27 -7.51 28.08	39.66 -7.89 28.32	38.21 -7.48 26.96	40.21 -6.16 17.84	44.73 -5.99 13.00	35.39 -4.47 13.96	34.00 -4.32 10.72	31.73 -3.94 9.13
WALDEN___HYDRO 24148	45.80 2.51 0.00	41.96 2.19 0.00	37.60 1.86 0.00	36.44 1.67 0.00	35.46 1.62 0.00	34.63 1.52 0.00	34.71 1.53 0.00	32.65 1.61 0.00	33.49 1.69 0.00	35.82 1.74 0.00	39.78 2.18 0.00	44.60 2.76 0.00	47.93 3.14 0.00	51.51 3.46 0.00	56.42 3.79 0.00	62.38 4.30 0.00	76.10 5.31 0.07	81.68 5.84 0.03	77.80 5.16 0.01	68.71 4.50 0.00	68.24 4.52 0.00	60.08 3.93 -2.34	52.57 3.53 0.00	47.81 3.00 0.00
WARRENSBURG____ 23737	44.98 1.69 0.00	41.36 1.59 0.00	37.10 1.36 0.00	36.20 1.43 0.00	35.05 1.22 0.00	34.33 1.22 0.00	34.31 1.13 0.00	32.06 1.02 0.00	32.48 0.67 0.00	34.73 0.65 0.00	38.20 0.60 0.00	42.43 0.59 0.00	45.42 0.63 0.00	49.06 1.01 0.00	53.84 1.21 0.00	60.23 2.15 0.00	74.54 3.68 0.00	80.27 4.40 0.00	77.16 4.50 0.00	68.58 4.37 0.00	68.30 4.59 0.00	68.25 3.82 -10.61	52.08 3.04 0.00	47.22 2.42 0.00

WATERSIDE___6 8 9 23538	46.79 3.51 0.00	42.71 2.94 0.00	38.28 2.54 0.00	37.00 2.23 0.00	36.00 2.17 0.00	35.19 2.09 0.00	35.31 2.12 0.00	33.39 2.36 0.00	34.47 2.42 -0.24	36.67 2.59 0.00	40.83 3.16 -0.07	46.42 3.81 -0.78	57.64 4.26 -8.59	59.25 4.61 -6.59	60.48 4.79 -3.06	63.56 5.34 -0.13	77.30 6.38 -0.06	82.76 6.90 0.01	78.74 6.10 0.01	69.42 5.20 0.00	69.13 5.42 0.00	61.07 4.90 -2.36	53.66 4.61 -0.02	48.89 4.08 -0.01
WATKINRD_115KV_LN8_ILLION 55919	44.02 0.74 0.00	40.45 0.68 0.00	36.31 0.57 0.00	35.33 0.56 0.00	34.37 0.54 0.00	33.60 0.50 0.00	33.68 0.50 0.00	31.53 0.50 0.00	32.25 0.45 0.00	34.56 0.48 0.00	38.16 0.56 0.00	42.43 0.59 0.00	45.38 0.58 0.00	48.63 0.58 0.00	53.31 0.68 0.00	58.78 0.70 0.00	71.64 0.78 0.00	76.78 0.91 0.00	73.53 0.87 0.00	64.99 0.77 0.00	64.35 0.64 0.00	54.30 0.48 0.00	49.48 0.44 0.00	45.21 0.40 0.00
WDELAWARE___HYD 323627	45.49 2.21 0.00	41.68 1.91 0.00	37.35 1.61 0.00	36.23 1.46 0.00	35.22 1.39 0.00	34.39 1.29 0.00	34.44 1.26 0.00	32.37 1.33 0.00	33.18 1.37 0.00	35.48 1.40 0.00	39.44 1.84 0.00	44.18 2.34 0.00	47.48 2.69 0.00	50.93 2.88 0.00	56.05 3.42 0.00	61.92 3.83 0.00	75.61 4.82 0.07	81.30 5.47 0.03	77.43 4.79 0.02	68.33 4.11 0.00	67.85 4.14 0.00	59.64 3.50 -2.33	52.13 3.09 0.00	47.40 2.60 0.00
WEST BABYLON___IC 23714	47.96 4.68 0.00	43.95 4.18 0.00	38.95 3.22 0.00	37.62 2.85 0.00	36.74 2.91 0.00	35.62 2.52 0.00	35.74 2.56 0.00	33.98 2.95 0.00	35.36 3.56 0.01	37.76 3.68 0.00	45.57 4.47 -3.50	51.46 5.27 -4.35	52.81 5.87 -2.15	54.84 6.39 -0.40	59.44 6.42 -0.39	65.04 5.69 -1.26	77.94 7.16 0.08	82.66 6.83 0.04	79.48 6.32 -0.50	69.42 5.20 0.00	67.35 5.16 1.52	60.72 4.57 -2.33	53.89 4.85 0.00	49.69 4.88 0.00
WEST CANADA___HYD 24049	43.51 0.22 0.00	39.97 0.20 0.00	35.92 0.18 0.00	34.95 0.17 0.00	33.97 0.14 0.00	33.24 0.13 0.00	33.32 0.13 0.00	31.19 0.16 0.00	31.90 0.10 0.00	34.18 0.10 0.00	37.71 0.11 0.00	41.97 0.13 0.00	44.93 0.13 0.00	48.19 0.14 0.00	52.84 0.21 0.00	58.32 0.23 0.00	71.14 0.28 0.00	76.25 0.38 0.00	72.95 0.29 0.00	64.54 0.32 0.00	63.97 0.26 0.00	54.03 0.22 0.00	49.23 0.20 0.00	44.99 0.18 0.00
WESTERN_NY_WIND 24143	33.03 -3.51 6.75	30.92 -2.98 5.87	29.08 -2.54 4.12	29.67 -2.68 2.43	31.02 -2.74 0.08	30.15 -2.65 0.31	30.42 -2.46 0.31	27.08 -2.02 1.94	29.27 -2.13 0.41	31.17 -2.18 0.73	32.65 -2.18 2.76	33.18 -2.68 5.98	33.89 -3.31 7.59	35.15 -4.42 8.47	36.69 -4.95 10.99	39.01 -5.34 13.73	44.78 -7.01 19.06	49.18 -7.13 19.55	47.47 -6.61 18.57	46.25 -5.52 12.45	49.10 -5.35 9.26	40.59 -3.87 9.35	37.96 -3.87 7.20	35.66 -3.63 5.51
WESTOVER___LESR 323668	44.65 -0.22 -1.57	40.94 -0.16 -1.33	36.59 -0.11 -0.96	35.13 -0.21 -0.57	33.61 -0.24 -0.02	32.98 -0.20 -0.07	33.09 -0.17 -0.07	31.45 -0.03 -0.44	31.74 -0.16 -0.09	34.15 -0.10 -0.17	38.21 -0.04 -0.64	43.15 -0.08 -1.39	45.95 -0.13 -1.29	48.91 -0.29 -1.15	53.75 -0.37 -1.48	59.56 -0.29 -1.77	71.69 -0.43 -1.26	77.24 -0.30 -1.67	74.05 -0.36 -1.75	65.22 -0.13 -1.13	64.24 -0.13 -0.66	55.92 0.00 -2.11	49.76 -0.20 -0.92	45.89 -0.22 -1.31
WETHRSFD_WT_PWR 323626	7.01 -3.50 32.78	8.87 -3.14 27.76	12.92 -2.82 20.00	20.05 -2.96 11.77	30.49 -2.98 0.36	28.81 -2.85 1.45	29.15 -2.59 1.45	19.64 -2.20 9.19	27.47 -2.39 1.95	28.17 -2.42 3.50	21.60 -2.59 13.40	9.77 -3.05 29.02	8.55 -3.49 32.75	10.37 -3.65 34.03	4.28 -5.00 43.35	-0.53 -5.17 53.44	-1.89 -6.52 66.23	-0.38 -6.60 69.64	-0.87 -6.25 67.28	14.43 -5.26 44.52	27.02 -5.10 31.59	12.76 -4.25 36.80	17.58 -3.48 27.98	15.12 -3.18 26.51
WHAVSTOR_138KV_BK127 55557	45.93 2.64 0.00	42.08 2.31 0.00	37.70 1.97 0.00	36.51 1.74 0.00	35.49 1.66 0.00	34.69 1.59 0.00	34.81 1.63 0.00	32.81 1.77 0.00	33.69 1.88 0.00	36.02 1.94 0.00	40.04 2.44 0.00	44.85 3.01 0.00	48.24 3.45 0.00	51.85 3.80 0.00	56.63 4.00 0.00	62.61 4.53 0.00	76.25 5.46 0.07	81.76 5.92 0.03	77.94 5.30 0.01	68.78 4.56 0.00	68.30 4.59 0.00	60.13 4.04 -2.28	52.76 3.73 0.00	47.99 3.18 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	45.93 2.64 0.00	42.08 2.31 0.00	37.70 1.97 0.00	36.51 1.74 0.00	35.49 1.66 0.00	34.69 1.59 0.00	34.81 1.63 0.00	32.81 1.77 0.00	33.69 1.88 0.00	36.02 1.94 0.00	40.04 2.44 0.00	44.85 3.01 0.00	48.24 3.45 0.00	51.85 3.80 0.00	56.63 4.00 0.00	62.61 4.53 0.00	76.25 5.46 0.07	81.76 5.92 0.03	77.94 5.30 0.01	68.78 4.56 0.00	68.30 4.59 0.00	60.13 4.04 -2.28	52.76 3.73 0.00	47.99 3.18 0.00
WHITEHAL_115KV_TB1 80871	45.76 2.47 0.00	42.08 2.31 0.00	37.70 1.97 0.00	36.82 2.05 0.00	35.63 1.79 0.00	34.89 1.79 0.00	34.88 1.69 0.00	32.53 1.49 0.00	32.86 1.05 0.00	35.17 1.09 0.00	38.73 1.13 0.00	42.97 1.13 0.00	46.09 1.30 0.00	49.83 1.78 0.00	54.73 2.11 0.00	61.34 3.25 0.00	76.03 5.17 0.00	82.09 6.22 0.00	78.83 6.18 0.00	70.25 6.04 0.00	70.08 6.37 0.00	69.69 5.33 -10.54	53.25 4.22 0.00	48.26 3.45 0.00
WHITEPLN_13_KV_LOAD 356215	46.62 3.33 0.00	42.67 2.90 0.00	38.20 2.47 0.00	37.00 2.23 0.00	35.96 2.13 0.00	35.12 2.02 0.00	35.24 2.06 0.00	33.24 2.20 0.00	34.20 2.39 0.00	36.57 2.49 0.00	40.72 3.12 0.00	45.70 3.85 -0.01	49.44 4.48 -0.16	53.07 4.90 -0.12	57.90 5.21 -0.06	64.07 5.98 0.00	78.02 7.23 0.06	83.81 7.97 0.03	80.05 7.41 0.01	70.64 6.42 0.00	70.21 6.50 0.00	61.91 5.76 -2.34	54.13 5.10 0.00	49.02 4.21 0.00
WM_FLOYD_69_KV_BK2 356380	47.88 4.59 0.00	43.99 4.22 0.00	38.99 3.25 0.00	37.69 2.92 0.00	36.84 3.01 0.00	35.72 2.62 0.00	35.81 2.62 0.00	34.11 3.07 0.00	35.46 3.66 0.01	37.90 3.82 0.00	45.35 4.25 -3.50	51.21 5.02 -4.35	52.50 5.55 -2.15	56.41 6.05 -2.31	60.65 5.89 -2.12	64.59 4.76 -1.74	76.80 6.02 0.08	81.51 5.69 0.04	79.93 5.52 -1.76	68.78 4.56 0.00	65.54 3.76 1.93	59.98 3.82 -2.34	53.45 4.41 0.00	49.33 4.53 0.00
WOODARD__115KV_TB2 355635	42.55 -0.74 0.00	39.09 -0.68 0.00	35.20 -0.54 0.00	34.22 -0.56 0.00	33.26 -0.58 0.00	32.54 -0.56 0.00	32.62 -0.56 0.00	30.60 -0.43 0.00	31.30 -0.51 0.00	33.64 -0.44 0.00	37.04 -0.56 0.00	41.13 -0.71 0.00	43.73 -0.81 0.26	46.69 -0.91 0.45	51.08 -0.95 0.61	56.29 -0.99 0.80	68.39 -1.20 1.26	73.16 -1.29 1.41	70.02 -1.31 1.33	62.02 -1.22 0.98	61.74 -1.15 0.82	52.25 -0.97 0.60	47.58 -1.03 0.42	43.86 -0.94 0.00
YORK___WARBASSE 23770	47.06 3.77 -0.01	42.95 3.18 0.00	38.45 2.72 0.00	37.17 2.40 0.00	36.13 2.30 0.00	35.26 2.15 0.00	35.34 2.16 0.00	33.46 2.42 0.00	34.47 2.42 -0.24	36.81 2.73 0.00	41.01 3.35 -0.07	46.55 3.93 -0.78	57.82 4.43 -8.59	59.44 4.80 -6.59	60.69 5.00 -3.06	63.73 5.52 -0.13	77.58 6.66 -0.06	83.06 7.21 0.01	78.96 6.32 0.01	69.55 5.33 0.00	69.38 5.67 0.00	61.39 5.22 -2.36	54.00 4.95 -0.02	49.17 4.35 -0.02