

B3 Benchmarking - Windows Internet Explorer  
 http://mn.b3benchmarking.com/B3EMSLaunch.aspx

**B3 BENCHMARKING** Logged in as Cheryl Mesko

City: Eagan  
**Eagan Civic Arena** Site

SUMMARY BENCHMARK PEER COMPARISON ENERGY STAR BASELINE TARGETS REPORTS

Baseline is used to compare a site to itself using a defined baseline period. The baseline is weather normalized so that changes in weather do not affect the comparison. [More Info...](#)

Site Square Feet ..... 74,488  
 Primary Space Usage ..... Ice Arena  
 Actual Meter Total ..... 103.63 kBtu/SF/Year  
 Time Period ..... Mar 2011 - Feb 2012  
 Baseline Meter Total ..... 133.06 kBtu/SF/Year  
 Baseline Time Period ..... Mar 2010 - Feb 2011

Energy: -22.12%  
 Dollars: -11.13%  
 CO2: -2.65%

Based on the latest 12 month period Mar 2011 - Feb 2012 to baseline period Mar 2010 - Feb 2011

**Buildings** Add New Building

Name	Status	Primary Space Usage	Address	City	State	Zip	SF	Occupancy
Eagan Civic Arena	✓	Ice Arena	3870 Pilot Knob Road	Eagan	MN	55122	74,488	1/1/1995

**Meters** Add New Meter

Name	Status	Type	Utility Company	Meter #	Account #	Rdgs	First Reading	Last Reading
Eagan Civic Arena	✓	Natural Gas	Minnesota Energy Resources	NGM678596	4246139-2	44	1/1/2007	3/8/2012
Electric Meter - 463323	✓	Electric	Dakota Electric Association	L058226496	463323	20	6/25/2010	3/1/2012
Electric meter 0 220593	✓	Electric	Dakota Electric Association	L055433497	220593-8	62	1/1/2007	3/1/2012

Advanced Meter Search >>

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Minnesota GreenStep Cities - Windows Internet Explorer  
 https://greenstep.pca.state.mn.us/bmp\_action\_ae.cfm?aid=720&FAC\_BMPId=6

Minnesota GreenStep Cities

PARTICIPANT CITY BEST PRACTICE REPORT ACTIONS

**Green Step City Participant Best Practice Actions**

Install in at least one city-owned building at least one of the

**Rating Guideline:**

Your completion of this action has been rated at the 0/1/2/3 Level. Contact the GreenStep

- 1 Star - Geothermal systems should meet a minimum coefficient of performance
- 2 Star - Better Guidance
- 3 Star - Best Guidance

Date Completed/Entered: 04/19/2012

Descriptive File: (PDF file under 1 MB only)

Descriptive Web link:

Implementation Detail (required): Geothermal heating was installed at the Civic (Ice) Arena, which includes 33,000 SF. The project was possible due to a \$1.5 million federal grant from the DOE. The project was completed in September 2010.

Outcome measures/metrics: consumption. The overall system continues to be maintained by Harris Companies, Dakota Electric and to stabilize electrical use.

Partners: (List the name(s) of any key organization(s) outside of city government with a semi-colon.)

Action Contact (required): Mark Vaughn (City staff)  
 Phone: 651/675-5592  
 Email: mvaughn@cityofeagan.com  
 Mailing Address: N/A

OR change to a new contact person:  
 Vaughn, Mark