

20. **Energy Conservation Projects -- UW Fox Valley**

A. PROPOSED 2013 BONDING - \$ -0-

B. PROJECT COSTS AND SOURCES OF FUNDS:

PROJECT COSTS:	2013	2014	2015	2016	2017	Total
Planning & design	\$ 39,000					\$ 39,000
Land purchase						-
Construction						-
Equipment	1,503,000					1,503,000
Other						-
<b>Total costs</b>	<b>1,542,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,542,000</b>
<b>PROJECT FUNDS:</b>						
G.O. Bonds or notes		-	-	-	-	-
Energy grants	1,542,000					1,542,000
Tax levy						-
Other						-
<b>Total funds</b>	<b>\$ 1,542,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,542,000</b>

C. DESCRIPTION AND JUSTIFICATION:

**Project Description:** Facility improvement measures to reduce energy consumption. Measures include outdoor lighting modification, plumbing improvements, building envelope remediation and air handling and energy management control systems. All improvements described here are funded by the State of Wisconsin.

**Relationship to other projects and plans:** The campus has successfully applied for and received State funding assistance for engineering of several energy conservation projects. This project will coincide with replacement of 50+ year old boilers as funded by the Counties. Final approval of project funding is anticipated in March 2013.

**Justification and alternatives considered:** If the State funding opportunity is not accepted by the Counties, County funds will be requested for the facility improvement measures described.

**ANNUAL OPERATING IMPACT:** Replacing and upgrading building components will result in energy savings. Amounts are not known at the current time but will be determined as each system is studied and reviewed as a part of this project.