

# Rice Lake Area School District Renewable Energy Projects

June 2, 2010

Potential Projects	Estimated Cost	Estimated Annual Savings	Pay Back (Yrs)
Domestic hot water recirculation pump timer	\$ 2,000.00	\$ 2,000.00	1.00
High School Capacitor bank	\$ 11,947.00	\$ 3,200.00	3.73
Parking lights	\$ 21,000.00	\$ 3,750.00	5.60
New showers with Controls High School PE	\$ 34,586.00	\$ 6,000.00	5.76
Energy Management Controls for Haugen, Jefferson, and Tainter Elementary	\$ 20,000.00	\$ 2,000.00	10.00
Replacing Boilers Tainter	\$ 52,000.00	\$ 4,800.00	10.83
Pool Boiler (for summer use only)	\$ 25,000.00	\$ 2,000.00	12.50
Stack Heat Reclaim unit	\$ 75,000.00	\$ 7,000.00	10.71
Lower shop Air Handler	\$ 50,000.00	\$ 3,500.00	14.29
Replacing Boilers Haugen	\$ 52,000.00	\$ 2,000.00	26.00
Lincoln Boiler	\$ 80,000.00	\$ 2,340.00	34.19
Administrative building Windows and Siding	\$ 35,000.00	\$ 750.00	46.67
<b>Total Teir 1</b>	<b>\$ 378,533.00</b>	<b>\$ 37,000.00</b>	<b>10.23</b>
Pool lighting (completed this year)	\$ 12,000.00	\$ 2,000.00	6.00
Hot Water Solar Panels Swimming Pool	\$ 100,000.00	\$ 5,000.00	20.00
Upgrade HVAC Controls High School Office Area and Library Area	\$ 50,000.00	\$ 2,500.00	20.00
Windows Middle School	\$ 150,000.00	\$ 2,500.00	60.00
Hilltop school Windows	\$ 46,500.00	\$ 500.00	93.00
Windows High School	\$ 450,000.00	\$ 4,500.00	100.00
<b>Total Teir 2</b>	<b>\$ 808,500.00</b>	<b>\$ 17,000.00</b>	
<b>Total All Projects</b>	<b>\$ 1,187,033.00</b>	<b>\$ 54,000.00</b>	<b>21.98</b>