



Madison Sustainability Committee

Monday, December 16th, 2013

Jesse Durst and Kurt Reinhold





City Hall, 33 kW

City of Monona Solar Installation

Four Sites | 157 kW | ~10% of City's Energy Needs

Installation Photos



**Monona Public Library,
47 kW**

Credit: Full Spectrum Solar

Installation Photos



**Public Works Garage,
56 kW**

Credit: Full Spectrum Solar



Installation Photos



Pump #3 Well Station, 21 kW

Credit: Kurt Reinhold

3rd-Party Financing / REC Purchase

Challenges=

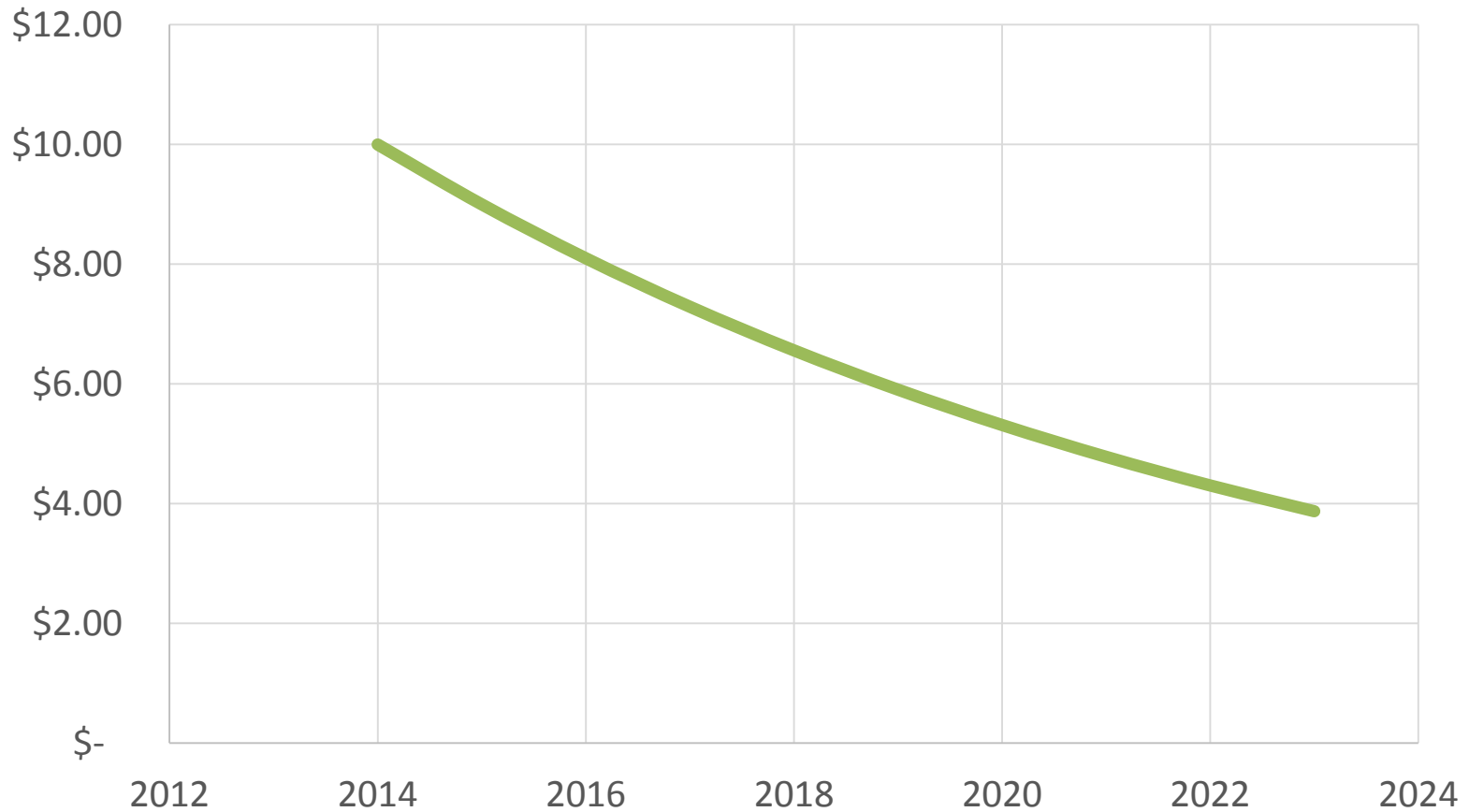
1. IRS restrictions with respect to non-profits;
2. Wisconsin Utility Law re: “Public Utility”;
3. Complexity vs. Higher Cost

End-Product=

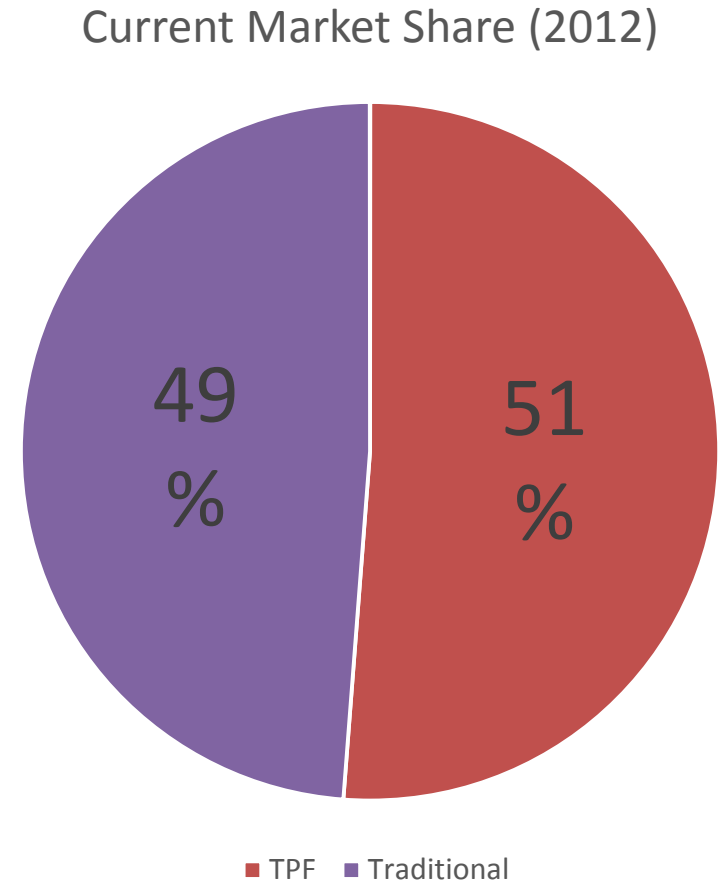
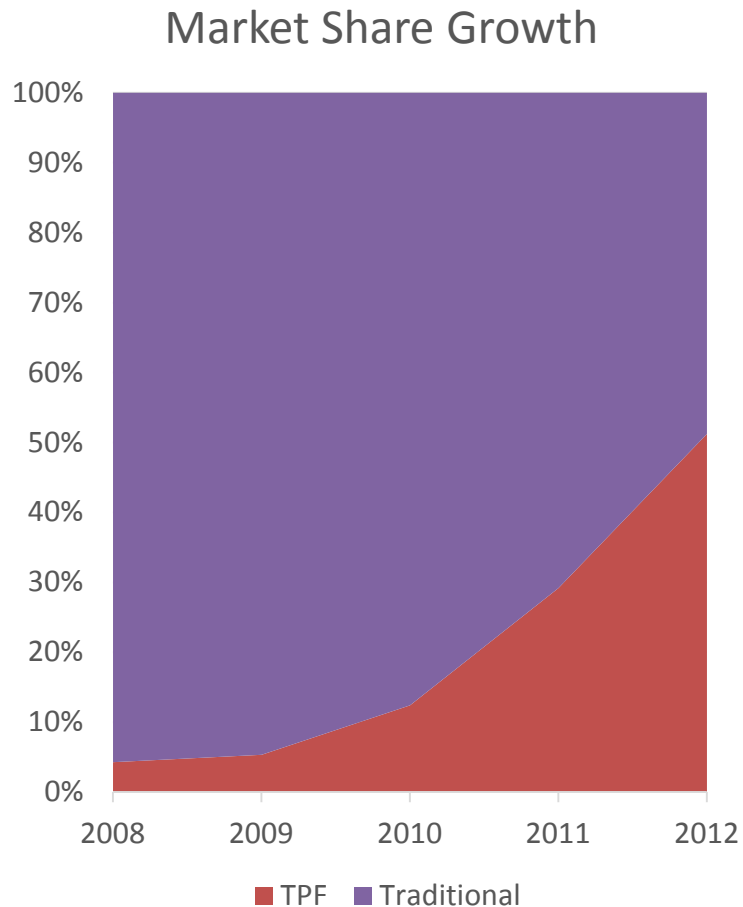
Carefully designed and executed plan.

TIME VALUE OF MONEY

Present Value of Future Amount (\$10)

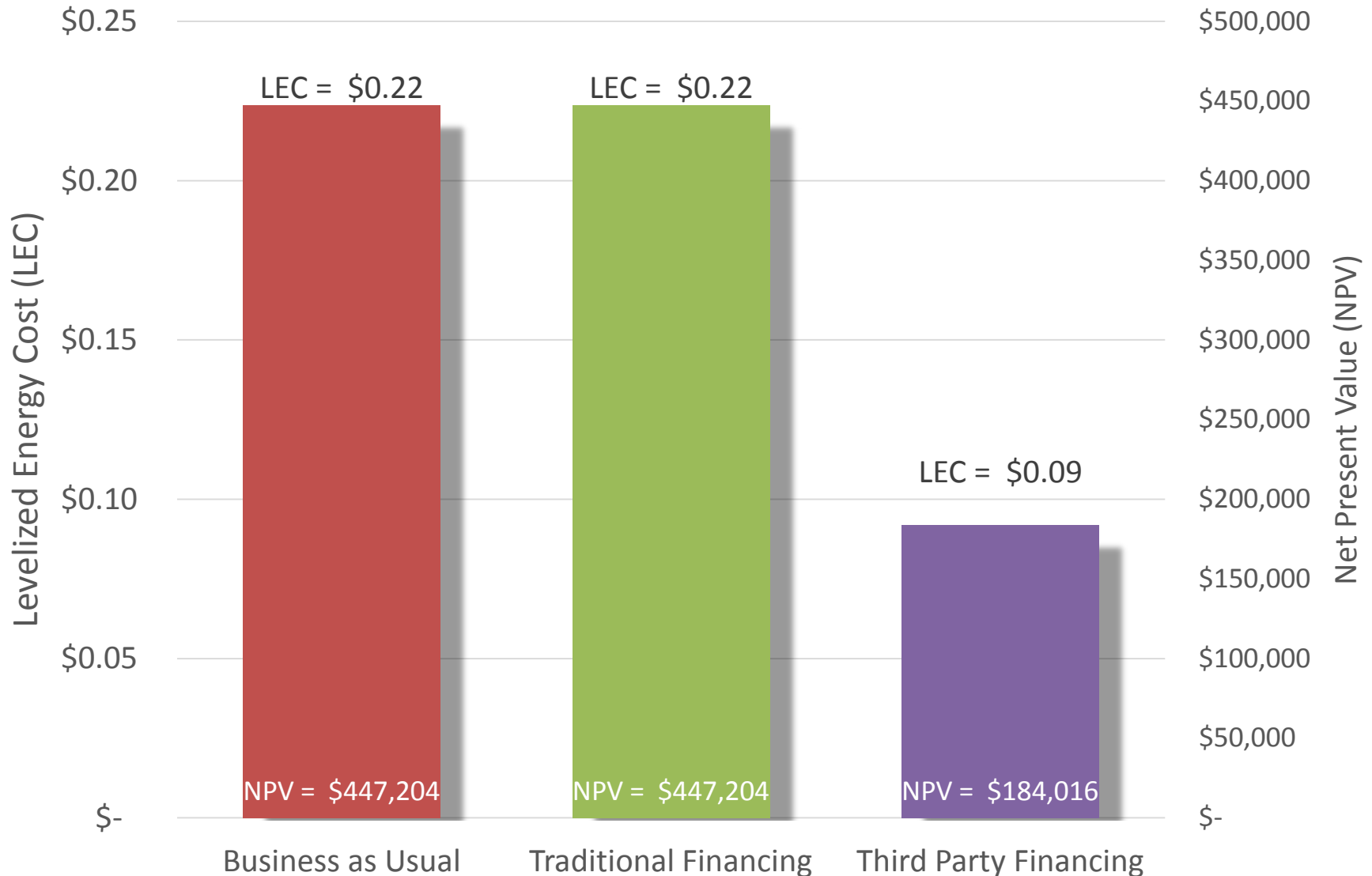


Third Party Financing Market share

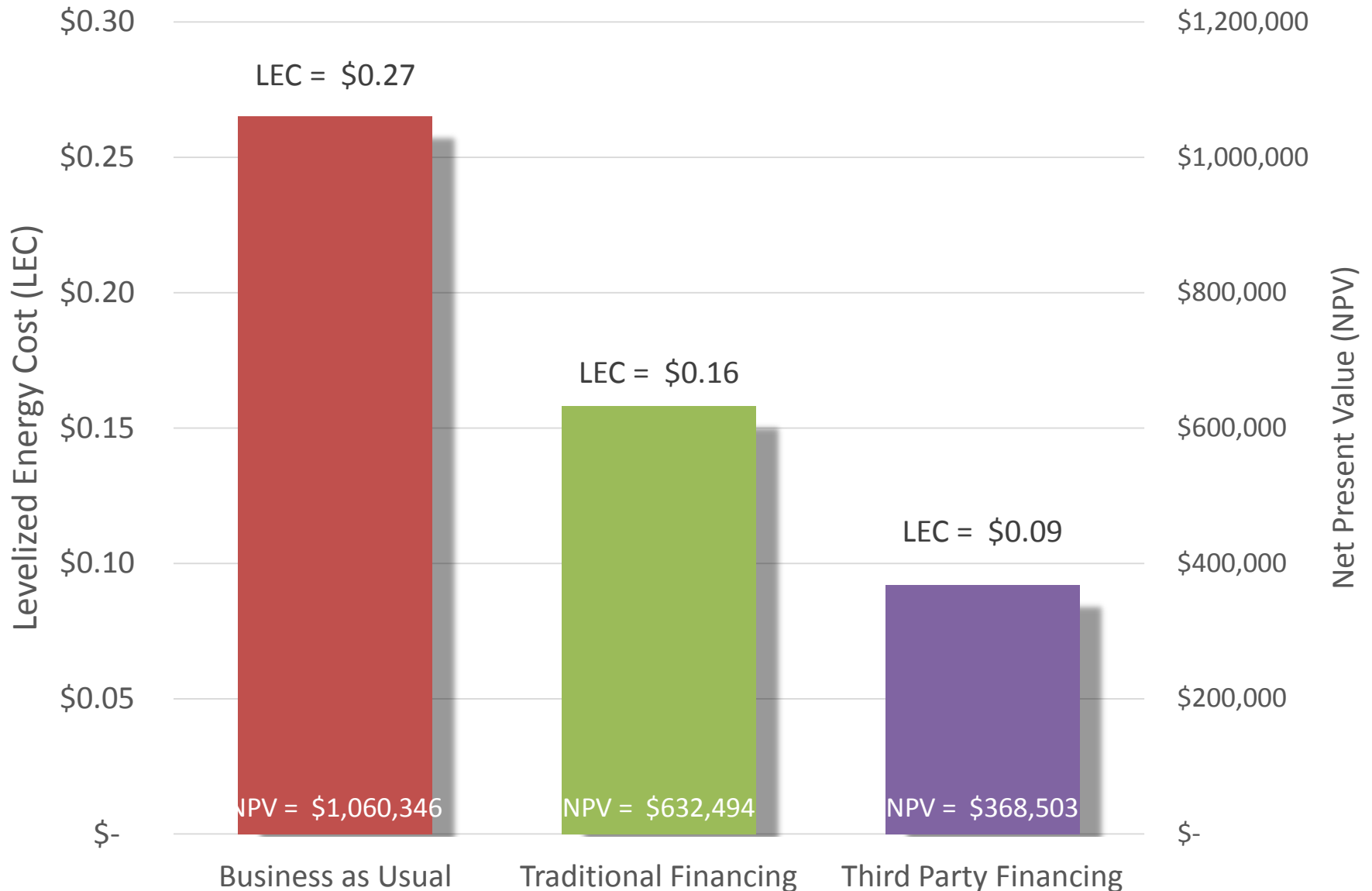


Source: Barbose et al. 2013

9.7% Discount rate



2.5% discount Rate



Actual costs (d=0%)

