

AEC 2016 Report Outline Draft V1b

(Recommended formatting: use section headings below, write to business (non-technical/trade) audience in first person plural voice, avoid abbreviations or jargon, using single-sided, double spaced, 12 point Arial font with no HTML style formatting for headings, etc (will be added on final proofing) except as necessary, produced in Word/Excel 2013 equivalent)

I Executive Summary - Drafts due 10.24

About 7 pages

1. Introduction, Scope of work and Committee Process JBS
2. Summary of Recommended Projects and Answers to Key Questions
 - a. How much connected load to replace with renewable energy? JM + LS
Pool electrical load is costly to replace. The thermal load is O.K. (see report posted last week... attached) JVM
 - b. Acquisition and maintenance cost of associated amount of solar systems (industry averages)? JM + LS **(see report posted last week... attached) JVM**
 - c. Deferred cost of conventional energy (using DOE forecasts)? JBS
 - d. Cost savings? (given DOE forecast scenarios, other variables) WD
 - e. Other benefits? (Lead by example, education, health, etc.) RS

Matrix of choices to analyze and rank by best return

	Photovoltaic Solar rooftop	Thermal Solar Rooftop	Pool PV solar roof	Photovoltaic Microgrid/Storage	Photovoltaic Solar Farm
Owned/TELP		\$19,200	\$358,500		
Leased/PPA		N/A	WOW!		

II Work plan and Conclusions - Drafts due 10.18

About 21 pages

1. Review of committee charge and mission - JBS
2. Review of commercialized technologies considered and fit for CE near term with short definitions of each, could be quoted from an industry glossary - RS
3. Review of previous committee work - JBS
4. Review of facilities department initiatives initiatives - GM
5. Review of neighboring town initiatives (update) - WD
6. Selection of Matrix and detailed cost benefit and risk analysis - LS + JM **Solar Thermal O.K. Analysis Attached.**

III Recommendations - Drafts due 10.24

About 7 Pages

1. Ranking of matrix choices by best return LS + JM
2. Additional considerations (I.e. Grant opportunities) - ALL
3. Continuation of committee and proposed work that needs doing - ALL

