**Ben:**

**Finances**

*Major Issues:*

* **Future projections: what are they and how can we justify them?**
* **Lessor hurdle rates are based on solar data – this may be contentious given different maturities of the industries**

*To do:*

* Add formal references to document for all current financial settings (add to word doc)
* Develop, vet, and document justification for future projections for financial settings (add to word doc with explanation of how they were developed)
* Revise Planned Future Work (word doc and excel)

**Rates and Rate Escalations**

*Major Issues:*

* None

*Minor Issues:*

* 2015 AEO rate escalations have questionable trend in the 2025-2030 time period

*To do:*

* Review 2015 AEO rate escalations and ensure we are comfortable with them (esp. considering the effect they could have on deployment trends) (edit word document, if necessary)

**Net Metering (Ben)**

*Major Issues:*

* None

*Minor Issues:*

* Lack specific reference for source of wholesale rate projections by state.

*To do:*

* Provide reference for wholesale rate projections (add to word doc)
* Review current items under Planned Future Work and edit/expand upon them, if necessary (add to word doc)

**Max Market Share Curves (Ben)**

*Major Issues:*

* None

*Minor Issues:*

* MMS Curves are derived from solar studies

*To do:*

* Review justification for using solar-derived MMS curves and ensure it is defensible (edit word doc, if necessary)
* Review current items under Planned Future Work and edit/expand upon them, if necessary (add to word doc)

**Robert:**

**System Installation Costs**

*Major Issues:*

* **Lack specific references for datasets and industry interviews**
* **Future projections: what are they and how can we justify them?**

*Minor Issues:*

* **Sparse/missing data for 250-750 kw marginal tower costs**

*To do:*

* Provide specific references for “multiple project cost data sets” used in developing current system costs (add to work doc)
* Provide specific references for turbine and tower manufacturers who were interviewed to determine marginal tower height costs (add to work doc)
* Develop and document justification for future cost projections. If easier, this can be broken out by short-term (e.g., based on industry interviews, with specific references to who you interviewed) and one or multiple long-term projections (with greater uncertainty). (Add to word doc)
* Review current items under Planned Future Work and edit/expand upon them, if necessary (add to word doc)

**O&M Costs**

*Major Issues:*

* **Future projections: what are they and how can we justify them?**
* **Missing empirical basis for unscheduled maintenance at the size extremes (2.5-10 kw and 750-1500 kw)**

*Minor Issues:*

* **Lack specific references for industry interviews**
* **Missing explanation for using only fixed O&M costs**
* **Best-fit line for O&M costs doesn’t account for important mechanical transitions around 50-100 kw**

*To do:*

* Justify why we use only fixed costs (no variable O&M costs) (this should be easy) (add to word doc)
* Provide specific references for interviews and data sources (add to word doc)
* Develop and document justification for future cost projections. If easier, this can be broken out by short-term (e.g., based on industry interviews, with specific references to who you interviewed) and one or multiple long-term projections (with greater uncertainty). (Add to word doc)
* Review current items under Planned Future Work and edit/expand upon them, if necessary (add to word doc)

**Turbine Technology Improvement Schedule**

*Major Issues:*

* **Future projectsions of power curve transitions: what are they and how can we justify them?**

*To do:*

* Develop and document justification for power curve transition schedule. If easier, this can be broken out by short-term (e.g., based on industry interviews, with specific references to who you interviewed) and one or multiple long-term projections (with greater uncertainty). (Add to word doc)
* Review current items under Planned Future Work and edit/expand upon them, if necessary (add to word doc)

**Turbine Power Curves (Current and Future)**

*Major Issues:*

* **None**

*Minor Issues:*

* **Lack specific references for data sources used in developing current power curves**
* **Unclear whether current and future power curves have already been reviewed by other industry experts**

*To do:*

* Provide specific references for current power curve data sources (add to word doc)
* Add notes describing who has already reviewed the current and/or future power curves (if applicable) (add to word doc)
* Review current items under Planned Future Work and edit/expand upon them, if necessary (add to word doc)