

NC Energy Storage Study

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Briefing to the Joint Legislative Commission
on Energy Policy

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Team Members

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NC State Memo

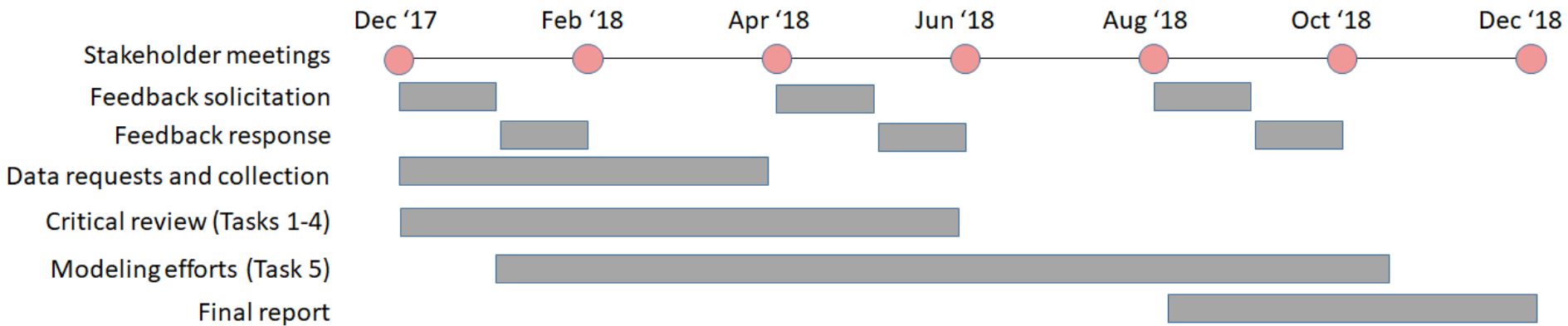
We proposed a 5-step approach:

1. Critically review storage capacity deployment in NC and beyond.
2. Assess specific applications and services that can be provided by storage.
3. Examine a variety of storage technologies and their suitability for different services.
4. Evaluate different ownership models and how each affects storage revenues.
5. Analyze costs and benefits; identify policy options that yield financial benefits to consumers.

General Approach

- Use publicly available models and open datasets whenever possible
- In addition to delivering a final report, make tools available to stakeholders for their own use
- Develop a base analysis plan that involves existing models and public datasets
- Enhance the analysis with data provided by stakeholders

Proposed Timeline



Stakeholder Engagement

- First public meeting on February 15, McKimmon Center, 12:30 – 4:00pm
- Stakeholder updates every two months
- Website (soon) to share information on the study
- Mailing list to share announcements
- Citation database with public access

Deliverables

- Project report due December 1, 2018
- Make data and modeling tools publicly available, where possible
- Given time constraints and limited data availability, we plan to:
 - Engage stakeholders to identify high priority study areas
 - Selectively develop case studies that elucidate storage value and help identify potential barriers to adoption