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An Energy Storage Application Suite

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Summary

- Over the past year, SNL has worked on developing a graphical user interface (GUI) for the optimization modeling capabilities of the energy storage analytics group.
  - Early prototype was presented by David Copp at last year's peer review (2017)

- The result is QuESt, an open source, Python-based software application suite that is now publicly available.

- There are two applications included at the moment:
  - QuESt Valuation – Estimates the value of a given energy storage system by determining the potential revenue it can generate by providing multiple services (arbitrage, frequency regulation, etc.)
  - QuESt Data Manager – Downloads historical market and operations data from ISO/RTOs and prepares it for use in other applications such as QuESt Valuation

- At the poster, we'll have more details about the software and its capabilities… and maybe a live demo