Production Cost Data Subcommittee (PCDS) Update to RAC

June 27–28, 2023

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PCDS Updates

- Co-chair update

- New liaison

- Updates to the 2032 ADS PCM

- ADS Development Proposal

  - 2034 ADS PCM v1.0, release January 31, 2024

  - 2034 ADS PCM v2.0, release June 30, 2024

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2032 ADS v2.4.1

- ▪ Major Changes:

  - Incorporated the updated reserve calculations provided by PNNL

  - GridView version 10.3.58 fixed the bug

    - ○ Issue: Ancillary service (reserve) generation settings were being changed by GridView versions 10.3.50 and 10.3.57

    - ○ Issue: The generation reserve contributions had to be manually fixed in GV 10.3.50 and 10.3.57 each time the case was selected

- ▪ Clean-up Items:

  - Planned Solano Wind units assigned existing Solano shapes due to low capacity factor of previous shapes

  - Wind shapes corrected for a few other wind farms

  - VOM added to several batteries that had missing VOM

  - Two small Houwelings co-gen units changed to thermal

  - Capacities updated in Thermal General table to reflect IO curve

  - A few bus and generation distribution table corrections were made

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Development 2034 ADS v1.0

- 2034 ADS PCM v1.0—Release January 31, 2024

  - Maintain 2018 as base year for hourly shapes: load, wind, and solar

  - Update assumptions with 2023 L&R

    - Develop hourly loads based on 2023 L&R load forecast

    - Identify supply changes in 2023 L&R vs. modeled supply in 2032 ADS

  - Update base PCM PF to 2034HS1, release Sept. 1, 2023

    - Implement supply changes

  - Implement other PCDS changes

  - Test and review

Development 2034 ADS v2.0

- 2034 ADS PCM v2.0—Release June 30, 2024

  - Built upon v1.0:

  - Update assumptions with 2024 L&R

    - Develop hourly loads based on 2024 L&R load forecast

    - Implement supply changes to reflect 2024 L&R

  - Implement other PCDS changes

  - Test and review

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