

Action Item: Contact Hitachi to see whether they are working on the three-year work plan—wheeling transmission right model enhancements

Wheeling and transmission right (TR) model enhancement—"Wheeling and TR are applied to schedules in actual system, but they impact generator commitment and dispatch; PCM needs to capture the impacts of wheeling and TR on generation dispatch; Two options: one-layer model (current) vs. two-layers model"

Notes:

- Last I heard was that Hitachi Energy and PCMS were exploring options for implementation.
- PCDS action item: Reach out to Hitachi, see if they are working on this. Discuss in meeting if PCDS still wants to use this function.

Two-layer model is not implemented yet. GridView has a version of merging zonal model and nodal model, but not for financial layer using zonal model on wheeling.

PCM automatic data checking and reporting (an enhancement to the current Sanity Check function in GridView).

Create tabulated report for data checking with more instructive description and suggestion for action; add data checking through data edits.

Notes:

- What would Hitachi need from the PCDS on this?
- Not started yet.
- PCDS action item: Discuss as a future PCDS agenda item, meet with Hitachi also for clear description of what we need.

Current GridView is adding data checking from both GUI and engine side whenever it fixes data loading error. The tabular report is not implemented, and the detailed requirement needs to be provided.

PCM case merge and split functions. Enables merging different PCM cases, for example, PCM cases from different planning regions. Can merge and split based on footprint (e.g. selected area or region) or data type (e.g. selected tables). Can be used in the ADS PCM development, or in planning region's PCM development and coordination. Requires consistent underlying assumptions (such as coincident energy profiles, the same year's forecast, etc..). Embedded data checking and reporting.

Notes:

- Not started. PCMS will reevaluate and prioritize this item in 2023
- Talk to Hitachi to see if they can implement
- What would Hitachi need from the PCDS on this?

The merge and split case functions are not implemented yet. The requirement details needs to be provided.

For above items, GridView team has interest to implement but needs more detailed information and discussion before actual quotes for the programming work.