



GREEN WG Data Model Design Team Discussion

Virtual Interim June 16th 2025

Chairs are considering DM Design Team

- Diego and I are proposing to form a design team that is tasked to propose initial YANG data models for these the GREEN charter items:
 - Developing YANG models to enable measuring and reporting of energy usage through metrics and attributes at component, device, and network levels.
 - Providing YANG models to allow operators to optimize energy usage in network components, devices, and across the network, via configurable energy efficiency capabilities.

Proposed DT Scope

The proposed goals and scope of the design team are one or more drafts:

- to define **simple YANG model(s)** offering a **base energy** data model covering component, device, and network level
- to identify and define:
 - any common groupings used by the models above
 - any extra metrics or terms used by those models

The proposed draft(s) & YANG model structure should take into consideration the potential impacts of a framework document like [draft-belmq-green-framework-02](#) on the data models. Note, there is no requirement that the model must conform to a specific framework draft, if there are good reasons for it to not do so.

The models do not need to be fully complete, i.e., covering all desired functionality. **Agreeing a common base structure is the key aim**, and other drafts and documents can augment or extend this base model.

Open to feedback from the WG:

- Is creating a design team helpful?
- Do you agree with the scope or have any comments on it?

Proposed next steps

- Discuss on alias (feedback dependent)