# Project Management

Developing the 2034 ADS on time will require sound project management with clearly defined roles and responsibilities. WECC proposes the following project management approach:

| Role | Person Responsible | Primary Responsibilities |
| --- | --- | --- |
| PCDS ADS Project co-chair | PCDS co-chair | Provide focus on Administrative tasks  Provide guidance to the ADS project  Schedule data development discussions and decisions through PCDS  Moderate PCDS discussions |
| 2034 ADS Project Manager | WECC-assigned PM | Report regularly on ADS schedule  Document and follow up on identified issues |
| PCDS ADS Technical co-chair | PCDS co-chair | Provide technical leadership for building the ADS  Ensure appropriate stakeholder involvement for each pertinent technical item  Data development with National Labs/DOE and other vendors |
| SME – internal | WECC SAP and SSP Department staff members | Develop data for ADS  Input data to GridView to build the ADS  Review modeling runs and report on results  Document data development processes |
| SME – external | PCDS members; other stakeholders | Review technical issues brought to the PCDS for consideration and decision  Collaborate with WECC and stakeholders to develop ADS data  Document the ADS data development processes  Test and validate ADS |

# Timing Constraints

Based on discussions with the regional planning groups, this is their timeline for developing their regional plans. This timeline begins in January of the even year.



Figure - Regional Planning Group Timelines

# Loads and Resources (L&R) Data

The Loads and Resource (L&R) is the basis for the load and resource forecast in the ADS build process. In the past, the data collected in the even year, same year as the ADS build, was used to build the ADS.

## Concerns with the Current Process

The ADS is a major input into the regions’ planning processes, by providing resource placement for resources outside of their respective footprint. The regional planning processes have been a key driver for the initial release of the ADS by June 30 of the even year.

Due to the complexity of building the ADS, the initial release often goes past June 30. WestConnect’s timing needs are even more demanding since they begin building their dataset in Q2 of the even year (Figure 1), therefore, they currently must start with the previous dataset.

## Proposed Solution

In the 2032 ADS Lessons Learned meeting which occurred in October 2022, WECC staff asked the regions if using the previous (odd) year’s L&R data could be a solution for being able to complete a dataset by June 30 of the even year. The regions were open to this solution with the possibility of updating the resources with the even year’s L&R data once the ADS is completed.

This timeline proposes building the 2034 ADS dataset beginning in July 2023, with the initial ADS release on March 29, 2024 and subsequent releases following the initial release.

### 2034 ADS Initial Release (V1.0) Timeline (2023 L&R data)

* February 1 – July 1, 2023: PCDS determine which other data needs to be updated for 2034 ADS PCM
  + February 1, 2023: PCDS Determine schedule for reviewing data
  + June 1, 2023: Stand-up Anchor Power Flow Task Force (APFTF)
  + July 1, 2023: Finalize which other data will be updated for 2034 ADS PCM
* July 1 – December 31, 2023: Create, collect, and implement other data
* July 1, 2023 – January 31, 2024: Use L&R resource data received in 2023 to build 2034 ADS.
  + July 1, 2023: Compare 2023 L&R resources to 2022 L&R resources. Begin mapping the L&R resources to the 2034 Heavy Summer 1 (34HS1) power flow (PF) review case.
  + September 1, 2023: Verify mapping using the finalized 34HS1 PF.
  + September 15, 2023: APFTF complete mapping and place planned resources
  + November 17, 2023: Resource placement complete, WECC staff add L&R planned resources to 34HS1 PF to create 2034 Reference PF
  + November 30, 2023: All resources added to 2034 Reference PF and solve 2034 Reference PF with only L&R resources
  + November 30, 2023 – December 31, 2023: Import reference PF into PCM, add all resource data into PCM
* January 1 – March 29, 2024: Validate 2034 ADS PCM
  + January 1 – January 31, 2024: Verify resource placement and definitions in PCM and PF.
  + January 1 – March 29, 2024: Validate inputs to the ADS PCM
* March 29, 2024: Release 2034 ADS PCM and PF V1.0

### 2034 ADS Subsequent Release (V2.0) Timeline (2024 L&R data)

* April 1 – May 31, 2024: Update 2034 ADS loads using 2024 L&R data.
* April 1 – May 31, 2024: Map and add incremental L&R resources to the 2034 Reference PF
* June 1 – July 31, 2024: Import reference PF into PCM, add all resource data into PCM
* August 1 – August 31, 2024: Validate 2034 ADS PCM V2.0
* August 31, 2024: Release 2034 ADS PCM and PF V2.0