# Applied Changes

The following changes have been made to the 2032 ADS PCM V2.4.1 case to create the 2032 ADS PCM V2.4.3 case. This dataset was simulated in GridView version 10.3.62.

**Changes to 2032 ADS from 2.4.1 to 2.4.3, plus applicable changes to synchronized PF:**

* Fixed duplicate Bus Number and Generator ID combinations
* Lake Hodges Pumped Storage
  + removed extra gens in synchronized Power Flow
* SDG&E critical generation changes including:
  + Generator “Baja\_California\_Wind (Generic)WT495”
    - (Moved from bus 86119 to 22931 in PF and PCM)
  + Generator “Greater\_Imperial\_Solar (Generic)PV-NT215“ bus 86086
    - Deleted in PF and PCM
* Adding the following to the Synchronized PF
* Updated some Heat Rates that were incorrect
* Updated some Natural Gas Assignments that were assigned incorrectly
* Max Up time set to -1
* Moved some generators to mitigate congestion issues
* Generator “Battle\_River\_4” bus 55496 - Retired
  + Deleted in PCM to match Synchronized PF
* Hydro Monthly Variable Schedule
  + Must have “VARMarginRatio” entry for each generator
* Hydro Weekly Variable Schedule
  + Must have “VARMarginRatio” entry for each generator
* Pumped Storage - Plant Monthly Variable Schedule
  + “Storage Level” entry for each plant (already in case)
* Applicable changes were made in Synchronized PF to match PCM