



# Status update of pending edits

## 2030 ADS PCM

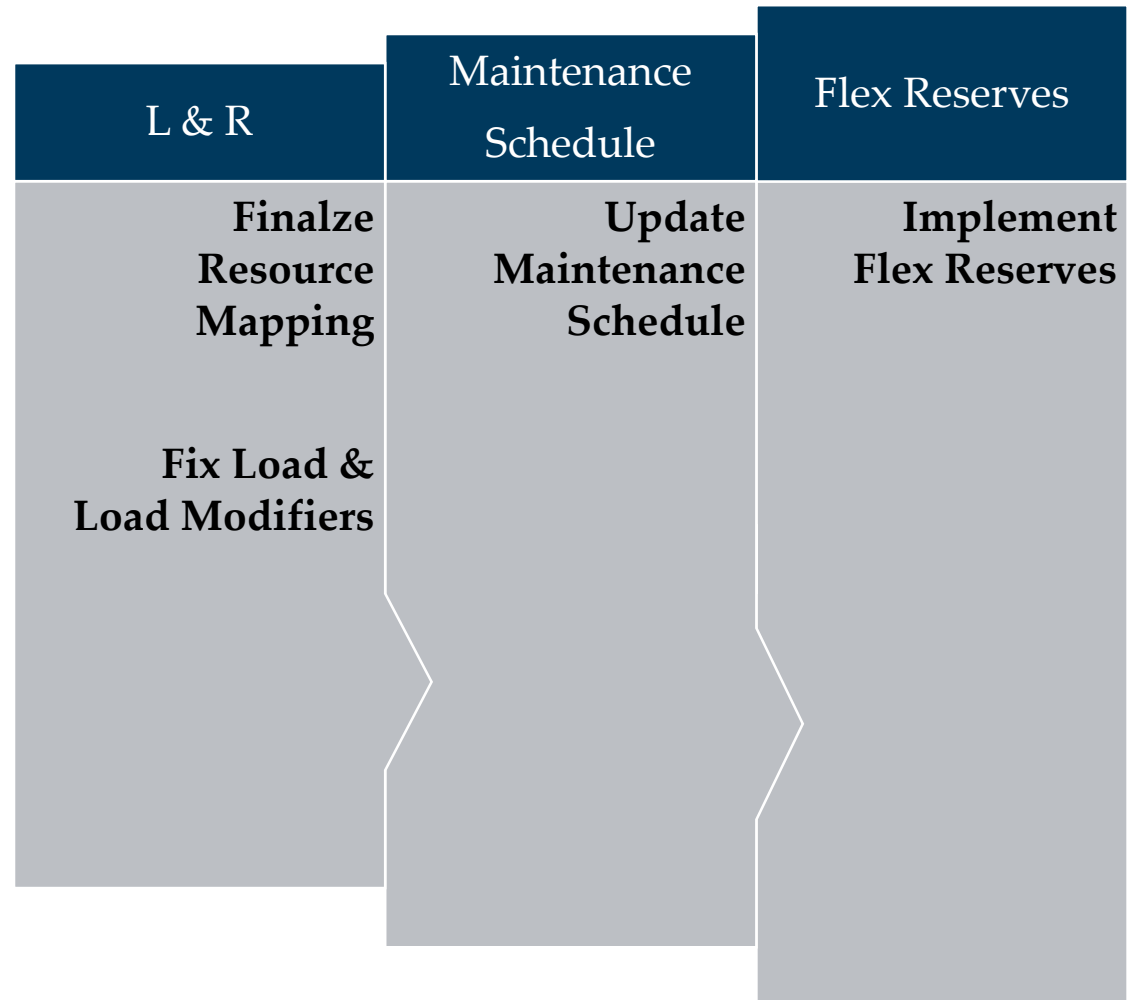
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# 2030 ADS PCM – Priority Edits

Building Block	Pending Edits	Status
<b>Revisit Resource Mapping</b>	Confirm Existing, Planned & Retired Resources, consistent with WECC L&R – March, 2020	A workbook is being created to easily compare resources in L&R and 2030 ADS PCM.
<b>Loads and Load Modifiers</b>	<ul style="list-style-type: none"> <li>• Correct BTM, AAEE and EV hourly shapes consistent with CEC data</li> <li>• WAPA-RM load issues...</li> <li>• Where the 1500 MW busses go?</li> </ul>	<ul style="list-style-type: none"> <li>• Updated shapes have been added for CISO lining up with the CEC data.</li> <li>• Peak data was updated to align with L&amp;R submittal. In contact with WAPA-RM if the Peak/Energy data needs to be updated since CSU &amp; Platt River is now part of PSCO BA.</li> <li>• CSU &amp; Platt River is now in PSCO BA so their buses have moved from area 73, WACM, to area 70, PSCO.</li> </ul>
<b>Maintenance Schedule</b>	Update after finalizing Loads and Resources	
<b>Flex Reserves PNNL requires 3-weeks</b>	<ul style="list-style-type: none"> <li>• Only spinning is modeled;</li> <li>• Add Load up \down, Ramp up \down</li> </ul>	

# Progression of edits



# 2030 ADS PCM – Moderate Schedule

Building Block	Pending Edits	Status
<b>Heat Rate Curves</b> <i>(requires 2-weeks)</i>	<ul style="list-style-type: none"> <li>• Add pending CCCTs Heat Rate Curves</li> <li>• <i>(Already updated ST-Coal &amp; ST-NG)</i></li> </ul>	<ul style="list-style-type: none"> <li>• Still working</li> </ul>
<b>Hydro Modeling Issue – BC Hydro</b>  <b>Hydro Banking issue</b>	<ul style="list-style-type: none"> <li>• Hydro Data for BC Hydro needs to be adjusted for the current loads</li> </ul>	<ul style="list-style-type: none"> <li>• Contacted BC Hydro, the person who can help with hydro data will return to the office on August 5</li> <li>• Hydro Banking needs to be discussed, ABB created a change case for allowing some hydro to bank, in released case.</li> </ul>
<b>Phase Shifter Settings</b> <i>(Review suggested settings for the 2028 case)</i>	<ul style="list-style-type: none"> <li>• Suggest to set MW Limits as +/- Rate A</li> </ul>	<ul style="list-style-type: none"> <li>• Will be completed this week and will be the same as the 2028 ADS</li> </ul>
<b>Nomograms</b>	<ul style="list-style-type: none"> <li>• COI Restrictions in California</li> <li>• Path 15</li> <li>• Intermountain – IPP DC</li> <li>• Delete BPA COB, add interface Path 66 and 76 with N&gt;S rating of 4,800 MW and S&gt;N rating of 3,675 MW</li> </ul>	<ul style="list-style-type: none"> <li>• Needs additional conversation</li> <li>• Needs additional conversation</li> <li>• Needs additional conversation</li> <li>• Been implemented but needs additional conversation</li> </ul>

# 2030 ADS PCM – Moderate Schedule

Building Block	Pending Edits
HTC modeling	<ul style="list-style-type: none"><li>• Requires more work</li></ul>
Negative Pricing	<ul style="list-style-type: none"><li>• Revisit the impacts on the dispatch, due to negative pricing in CA</li></ul>
<b>Negative Loads</b> <i>(Model as positive gen and not negative load); (nonconforming is netted from load)</i>	<ul style="list-style-type: none"><li>• Should set to zero for negative loads (DC ties, DG, EE, etc.)?</li><li>• How to deal with reserves if modeled on the supply side?</li><li>• More conversation needed, may depend of each of the negative load and what it consists of</li></ul>

# Longer Schedule?

ADS 2030 PCM Building Block	Pending Edits
Paths Ratings	<ul style="list-style-type: none"><li>• Revisit non “PXX” interface Dentions; incorrect modeling imposes restriction on flows</li><li>• Disable - Reinstate after confirming or remove</li></ul>

# Other Edits and Corrections

Pending Edit	Status
Generator Pmax greater than the Pmax of step-up generator	Generators have been moved or Pmax changed to correct value
For hydro dispatch option, load – wind – solar, set solar coefficient 50% for all areas, and wind coefficient 100% except for BPA	Discussion needed
Retire Intermountain Coal units in 2025 and add replacement combined cycle units	Waiting for update to the L&R submittal indicating the retirement and replacement



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