

Appendix 4F  
**Cumulative Model Results**

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# Appendix 4F

## Cumulative Model Results

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The appendix is presented in its entirety from the Draft Environmental Impact Report (DEIR), with revisions to text presented as a strikethrough or underline. Text shown with a strikethrough has been deleted from the DEIR. Text that has been added is presented as single underlined. Deleted figures are shown with a dashed border. Added figures do not have unique formatting.

### 4F.1 Introduction

The results of model simulations are provided for informational purposes. Please do not use any information contained in these products for any purpose other than this ~~EIR~~ environmental impact report process. If there are any questions regarding the results of these model simulations, please contact the California Department of Water Resources (DWR).

Any use of results of model simulations should observe limitations of the models used as well as the limitations to the modeled alternatives. These results should only be used for comparative purposes. More information regarding limitations of the models used as well as the limitations to the modeled alternatives is included Appendix 4A, Attachment 8, “Model Limitations.”

~~For a description of why Alternative 1 is used in this appendix rather than the Proposed Project, please refer to Appendix 4J.~~

DWR has included modeling of Temporary Urgency Change Petitions (TUCPs) in this appendix for informational purposes only. It would be speculative to predict with specificity hydrology, timing, and demands that would be considered in future dry conditions. For more information related to TUCPs and relative operational sensitivities, please see Appendix 4I.

### 4F.2 Modeled Alternatives

The following alternatives were prepared:

- Baseline Conditions ~~(Updated)~~ (Study 1)
- ~~Alternative 1~~ Proposed Project plus CVP Proposed Action, Sacramento and Feather River VAs (Study 11a)
- ~~Alternative 1~~ Proposed Project plus CVP Proposed Action, Sacramento and Feather River VAs, includes TUCPs (Study 11b)

CalSim 3 model simulations were prepared for each alternative. Documentation of assumptions for each alternative listed above are provided in Attachment 1, “CalSim 3 Model Assumptions Callouts.”

## 4F.3 Model Results

Location-specific results for the alternatives and models listed above are included in the following attachments. The attachments labeled (DEIR) are presented in their entirety from the DEIR with the addition of an “a” in the attachment number. The (FEIR) attachments present new results of modeling for the FEIR and are indicated by “b” in the attachment number. Both sets of attachments are presented without strikethrough and underline for clarity and readability.

- Attachment 2 a, “CalSim 3 Storage and Elevation Results (DEIR)”
- Attachment 2b, “CalSim 3 Storage and Elevation Results (FEIR)”
- Attachment 3 a, “CalSim 3 Flow Results (DEIR)”
- Attachment 3b, “CalSim 3 Flow Results (FEIR)”
- Attachment 4 a, “CalSim 3 Diversion Results (DEIR)”
- Attachment 4b, “CalSim 3 Diversion Results (FEIR)”
- Attachment 5 a, “CalSim 3 X2 Results (DEIR)”
- Attachment 5b, “CalSim 3 X2 Results (FEIR)”