

Cumulative with Climate Change Model Results

Appendix 4H

Cumulative with Climate Change Model Results

4H.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 process. If there are any questions regarding the results of these model simulations, please contact 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 4](#).

4H.2 Modeled Alternatives

The following alternatives were prepared:

- Baseline Conditions – 2022 Hydrology and 15 centimeters (cm) Sea Level Rise
- Alternative 1 plus CVP Proposed Action, Sacramento and Feather River VAs – 2022 Hydrology and 15 cm Sea Level Rise
- Alternative 1 plus Cumulative Projects – 2022 Hydrology and 15 cm Sea Level Rise

CalSim 3 model simulations were prepared for each alternative. Documentation of assumptions for each alternative listed above are provided for the non-climate equivalent scenarios (Baseline Conditions; Alternative 1 plus CVP Proposed Action, Sacramento and Feather River VAs; and Alternative 1 plus Cumulative Projects) described in Appendices 4A, 4F, and 4G, respectively. Climate change and sea level rise-specific assumptions are provided in Appendix 4D.

4H.3 Model Results

Location-specific results for the alternatives and models listed above are included in the following attachments:

- Attachment 1, *CalSim 3 Storage and Elevation Results*
- Attachment 2, *CalSim 3 Flow Results*
- Attachment 3, *CalSim 3 Diversion Results*
- Attachment 4, *CalSim 3 X2 Results*