

Notice of opportunity to request RESOLVE model runs with a limited number of alternative cases

The 2017-2018 IRP-LTPP Proceeding (R.16-02-007) relies on the RESOLVE capacity expansion model to develop the Reference System Plan. The RESOLVE model was made available to all parties on July 19, 2017, along with the release of IRP Preliminary Results from the RESOLVE cases described in the CPUC Staff Proposal issued on May 16, 2017. The intent of making the RESOLVE model available was to maximize accessibility to the model and to enable interested parties to create alternative cases that may be informative to their formal comments on the Proposed Reference System Plan. CPUC Staff expects that the Proposed Reference System Plan will be issued in September.

To increase the opportunity of all parties to understand the RESOLVE model and how changes to assumptions affect results, CPUC Energy Division's Energy Resource Modeling Section offers to run a limited number of RESOLVE cases using assumptions provided by parties. The process and instructions for requesting RESOLVE case runs are described below. For any questions, please contact Patrick Young (patrick.young@cpuc.ca.gov) or Forest Kaser (forest.kaser@cpuc.ca.gov).

Process and Instructions for RESOLVE Case Run Requests

- 1) Case run requests must be submitted using the **Case Run Request Form** (attached to this email and available on the CPUC website at <http://cpuc.ca.gov/General.aspx?id=6442451195>).
- 2) Each party may submit only one form, itemizing its requested cases.
 - a. Cases must not require any changes to the RESOLVE Python scripts.
 - b. Cases must not require any changes to values hard coded in the RESOLVE User Interface Excel workbook, other than the user-definable fields in the Dashboard tab of the workbook.
 - c. Cases must be unique and not duplicative of cases released in the IRP Preliminary Results or the Proposed Reference System Plan.
 - d. Each party may request up to three cases.
 - e. Each requested case must be accompanied by a rationale explaining why the party believes the case run could provide informative results.
- 3) The Case Run Request Form **submittal deadline** is 5:00 pm five business days after the release of the Proposed Reference System Plan in September. Submit forms by email to Patrick Young (patrick.young@cpuc.ca.gov) and Forest Kaser (forest.kaser@cpuc.ca.gov) by the deadline.
- 4) Energy Division will notify the IRP Proceeding service list of all cases that were requested by parties approximately two business days following the submittal deadline.
- 5) Energy Division will eliminate cases that are duplicate requests or redundant of cases that Energy Division has already released. These include the cases that were released in the IRP Preliminary Results (July 19, 2017) and the additional cases expected to be released with the Proposed Reference System Plan in September.
- 6) Energy Division will notify the service list of the final list of cases it will run approximately five business days following the submittal deadline.
- 7) Energy Division will run the cases and post results approximately ten business days following the submittal deadline. Energy Division will notify the service list of the availability of results. The results may be viewed with the RESOLVE Results Viewer and Dispatch Viewer. Energy Division will not provide further analysis of results beyond the RESOLVE Viewers.
- 8) Energy Division expects that this schedule will allow parties sufficient time to review the results of their requested cases in order to inform their comments on the Proposed Reference System Plan. If parties wish to use any of these result in their comments, they must attach the results to their comment filing (merely referring to the posted results is not sufficient), and they must do so in their opening comments.