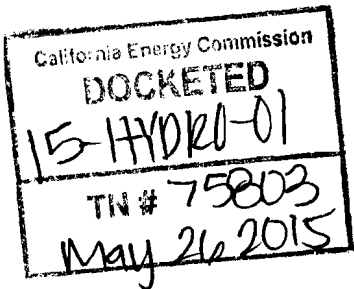




May 12, 2015

California Energy Commission
Dockets Office
1516 Ninth St.
Sacramento, CA 95814-5512



Docket Number 15-HYDRO-01

Dear Sir or Madam:

The City of Colton submits the following response to the questionnaire on the impacts of the drought on its electricity procurement and reliability efforts.

Question 1: Please provide your publicly owned utility's (POUs) current estimate of total electric firm energy requirements in gigawatt hours (GWh) for calendar year 2015.

Answer: 373 GWh

Question 2: Please provide your POU's average annual hydroelectric energy procurement in GWh since 1970, including 2014. Please differentiate between generated and purchased hydroelectric energy supplies and specify the timeframe over which these averages were determined if fewer years than from 1970 were used.

Answer: 3.8 GWh. The Colton Electric Department (CED) has been receiving a constant amount of energy from the Hoover Dam as a Schedule B contractor since 1987. This is the CED's only hydroelectric resource.

Question 3: Please provide your POU's lowest hydroelectric energy procurement in GWh during the same time period used in Question 2 and identify the year in which this occurred. Please provide figures for both POU-owned/controlled hydroelectric generation and hydroelectric energy supply contracts.

Answer: CED's hydroelectric amounts have not varied during this period.

Question 4: Please provide your POU's hydroelectric energy procurement in GWh during 2014, if different from that shown in Question 2. If the same, please state so explicitly.

Answer: CED's hydroelectric procurement has not changed in 2014 from prior years.

Question 5: Please provide your POU's most recent estimate of 2015 hydroelectric energy procurement (generation and purchases) both in GWh and as a percentage of this year's firm energy requirement.

Answer: 3.8 GWh and approximately 1% of total requirements

Question 6: Does your POU expect that low hydro conditions (or the drought more generally) will raise any system or local reliability concerns? Please explain:

Answer: No.

Question 7: Under what circumstances would the adverse effects of the drought create severe or critical operational concerns for your system's electric generation or for electricity deliveries in your service area?

Answer: Only if the operations of the CAISO are affected.

Question 8: At what value of annual hydro generation this year (in GWh) would the effects of drought result in significant or substantial financial conditions? Please provide the assumptions used (Please highlight in yellow any specific costs, projected or potential, that are considered confidential or commercially sensitive. This could include potential impacts on rates that have not yet been considered for adoption by your local governing board. Such information, if provided and marked as confidential, will be protected from public disclosure through December 31, 2016.)

Answer: Only to the extent operations of the CAISO are impacted.

Question 9: Please estimate any additional procurement of greenhouse gas allowances, in metric tons, that your POU has already incurred or that your POU expects will be necessary because of low hydro conditions in 2015. Please provide the assumptions used.

Answer: CED does not expect any impact on GHG emissions due to the drought.

Question 10: Does your POU expect that low hydro conditions (or the drought more generally) will have any other local impacts beyond local reliability. If so, are efforts underway to address these impacts?

Answer: Only to the extent CAISO operations are impacted.

Question 11: Will water curtailments this year, such as by the State Water Resources Control Board, affect your POU's hydroelectric energy procurement or dispatch (either utility-controlled hydro generation or purchases)? If so, to what extent will these supply resources be affected in terms of GWh, and over what timeframe(s)?

Answer: Only to the extent CAISO operations are impacted.

Question 12: Did water curtailments in 2014 affect your POU's hydroelectric energy procurement or dispatch? If so, to what extent were supply resources affected and over what timeframe(s)? Did curtailments derate the capability to generate in megawatts (MW) and if so during what timeframes?

Answer: No.

Question 13: Energy Commission staff would like to know about any potential drought related issues that will or could affect electric systems and/or local reliability. For example, are there known or potential issues with water allocations or supplies to thermal plants (for example, power plant cooling)? This is an open-ended question and we hope that you POU can, to the extent possible, provide us with information regarding your POU's overall assessment regarding how drought conditions may affect reliability in your local communities.

Answer: CED has so little hydroelectric resources that a reduction in hydroelectric availability will not have a direct impact on reliability. To the extent CAISO operations are impacted, CED would be impacted.

Please feel free to contact me at (909) 370 6196 if you have any additional questions.

Respectfully,

A handwritten signature in black ink, appearing to read 'D. Kolk', with a long, sweeping horizontal line extending to the right.

David X. Kolk, Ph.D.
Colton Electric Director