

**DOCKETED**

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<b>Document Title:</b>	Steve Uhler Comments - OIR-21-03 Perhaps MIDAS does not ensure RINs are unique
<b>Description:</b>	N/A
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<b>Organization:</b>	Steve Uhler
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*Comment Received From: Steve Uhler  
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**OIR-21-03 Perhaps MIDAS does not ensure RINs are unique**

*Additional submitted attachment is included below.*

OIR-21-03 Perhaps MIDAS does not ensure RINs are unique?

MIDAS is randomly returning "Sequence contains more than one element" for RIN ValueData.

The RIN query value "USCA-SGIP-SGRT-SDGE" is an example in the queries below, other RINs had the same error in the same approximate time period.

<https://midasapi.energy.ca.gov/api/ValueData/USCA-SGIP-SGRT-SDGE?querytype=realtime>

<https://midasapi.energy.ca.gov/api/ValueData/USCA-SGIP-SGRT-SDGE?querytype=alldata>

About thirty (30) minutes passed before the issue appeared to resolve.

Please review the query results in the attached "MIDAS-Sequence contains more than one element" zip file.

Folders 000053 and 000060 contain HTTP/1.1 200 OK results. The other folders contain HTTP/1.1 400 Unexpected Error results.

What is the database system MIDAS is using?

Is MIDAS written in C#?

How was MIDAS certified?

Is this an issue that is known by CEC staff?

What is the plan to prevent this unusual and perhaps harmful type of database error?

Please see that MIDAS and its documentation is improved to ensure the public has reliable access to load management system data pursuant to proposed title 20, 1623(b) statement "The Commission maintains public access to the MIDAS database through an Application Programming Interface (API) that, provided a Rate Identification Number (RIN), returns information sufficient to enable automated response to marginal grid signals including price, emergency events, and greenhouse gas emissions."

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