

California ISO Readiness Notes

Title: Demand Response Registration System (DRRS) Updates

Expected Production Date: 11/9/22 (tentative)

Link to associated training documents (if applicable): N/A

Contact: CustomerReadiness@caiso.com or submit a CIDI ticket

TCR(s) or Project Associated: DRRS November 2022 Release - DRRS UI 2.2.1, DRRS API 2.2.

Details: The following changes will be effective for DRRS in MAP-Stage from 10/28/22 through 11/4/ and Production on 11/9/22.

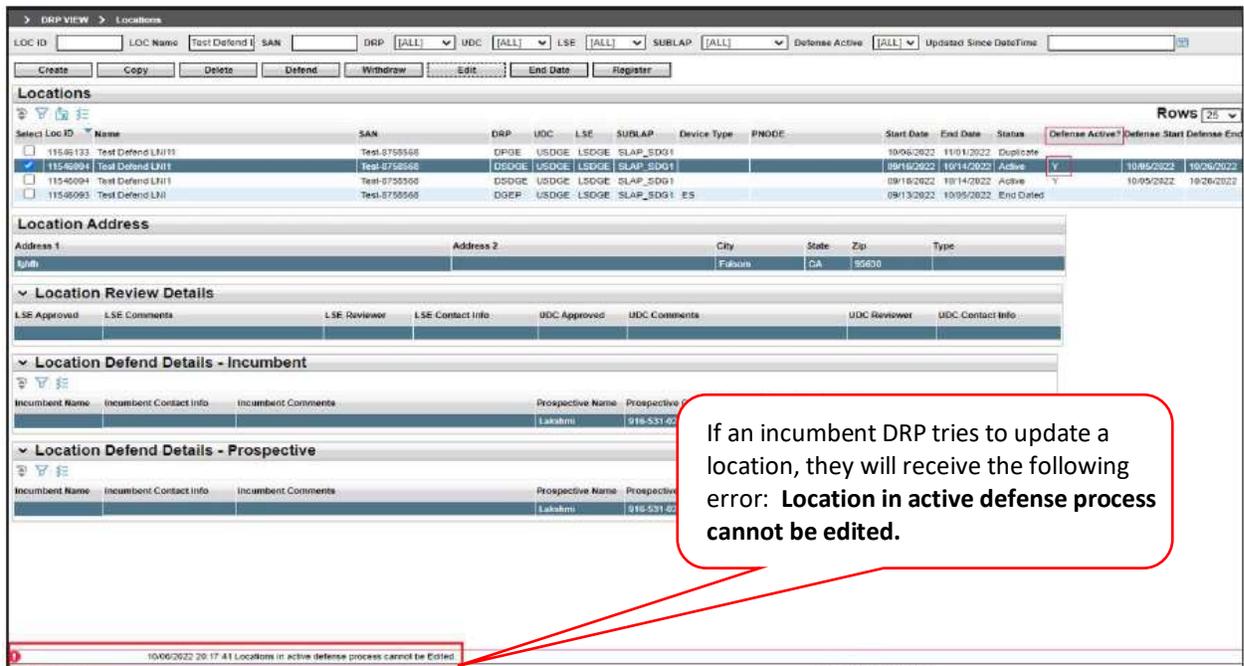
There are three updates to the DRRS effective 11/9/22:

1. If a location is in active defense mode, this update will prevent the incumbent DRP user from end-dating or updating the incumbent location record. This is being implemented to prevent further changes until the defense process is complete.
2. It will change the API format of the both start and end date/time of the output location review and start and end date/time of the output defense. These will now use GMT.
3. It will resolve some intermittent issues regarding the email process.

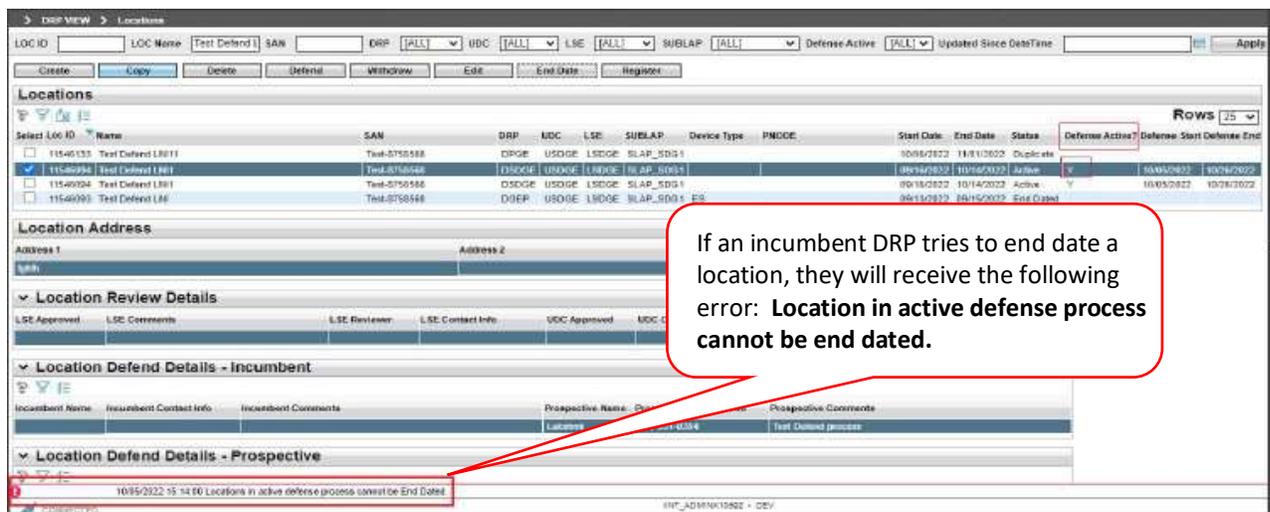
The following pages will review the first two updates.

1. If a location is in active defense mode, this update will prevent the incumbent DRP user from end-dating or updating the incumbent location record. This is being implemented to prevent further changes until the defense process is complete.

UI



The screenshot shows the 'Locations' management interface. At the bottom, a red error message states: "10/06/2022 20:17:41 Locations in active defense process cannot be Edited." A red callout box points to this message with the text: "If an incumbent DRP tries to update a location, they will receive the following error: **Location in active defense process cannot be edited.**"



The screenshot shows the 'Locations' management interface. At the bottom, a red error message states: "10/05/2022 15:14:00 Locations in active defense process cannot be End Dated." A red callout box points to this message with the text: "If an incumbent DRP tries to end date a location, they will receive the following error: **Location in active defense process cannot be end dated.**"

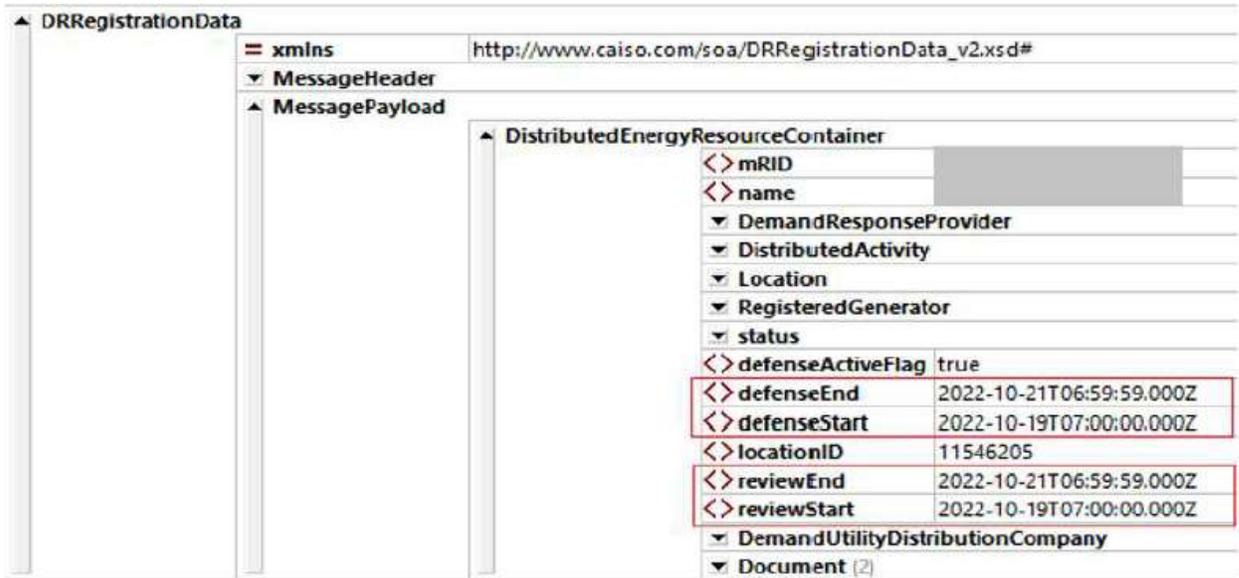
API

The following API error codes are associated with this change:

#	Error	Description
34	Internal application error occurred unable to end-date location	When an exception is thrown while end-dating a location. Possible scenario is when a location is in the active defense process.
35	Internal application error occurred unable to modify location	When an exception is thrown while modifying a location. Possible scenario is when a location is in the active defense process

- It will change the API format of the both start and end date/time of the output location review and start and end date/time of the output defense. These will now use GMT.

API



```

XML Viewer: http://www.caiso.com/soa/DRRegistrationData_v2.xsd#
- MessageHeader
+ MessagePayload
  - DistributedEnergyResourceContainer
    <> mRID
    <> name
    - DemandResponseProvider
    - DistributedActivity
    - Location
    - RegisteredGenerator
    - status
    <> defenseActiveFlag true
    <> defenseEnd 2022-10-21T06:59:59.000Z
    <> defenseStart 2022-10-19T07:00:00.000Z
    <> locationID 11546205
    <> reviewEnd 2022-10-21T06:59:59.000Z
    <> reviewStart 2022-10-19T07:00:00.000Z
    - DemandUtilityDistributionCompany
    - Document (2)
  
```

API and UI Comparison

Field	Date (PPT)	UI Format	API Format (GMT)
Defense Start	10/19/2022	10/19/2022	10/19/2022 T 7:00:00.000z
Defense End	10/20/2022	10/21/2022	10/21/2022 T 6:59:59.000z
Review Start	10/19/2022	10/19/2022	10/19/2022 T 7:00:00.000z
Review End	10/20/2022	10/21/2022	10/21/2022 T 6:59:59.000z