

Sunday, March 8, 2020 02:00 AM is the Daylight Saving Time (DST) transition from ST (Standard Time) to DT (Daylight Time). The ISO is ready to monitor this event and ensure users experience a smooth transition. The information below describes how the transition will occur in the ISO systems. For more information, please contact the ISO Service Desk at (916) 351-2309 or (888) 889-0450, or the RC West Service Desk (for RC West participants only) at (916) 538-5722 or (833) 888-9378.

System	Interface	Comments
ADS (Automated Dispatch System)	Client	After the transition, the trajectory plot displays the previous hour, HE2, rather than HE1. The trajectory displays the data in the correct chronological order, but the label in the graph does not skip HE2.
	API	The API uses GMT format, which will not be impacted by the transition.
	Query Tool	<p><u>Display</u> After the transition, days prior to March 8 will be displayed in the DST time convention. The Query Tool will not display different time offsets based on the date queried. This only impacts the times that are displayed on the Query Tool.</p> <p><u>Files</u> Files that are saved from the Query Tool are in GMT format, which will not be impacted by the transition.</p>
AIM (Access & Identity Management)	UI	Uses GMT and displays in user's local time. DST is adjusted as expected.
ALFS (Automated Load Forecast System)	API	The API uses GMT format, which will not be impacted by the transition.
BAAOP (Balancing Authority Area Operations Portal)	UI	Uses GMT and displays in user's local time. DST is adjusted as expected. There will be no HE3 displayed.
	API	The API uses GMT format, which will not be impacted by the transition.
CIDI (Customer Inquiry, Dispute, & Information)	UI	N/A
CIRA (Customer Interface for Resource Adequacy)	UI	N/A
	API	The API uses GMT format, which will not be impacted by the transition.
CMRI (Customer Market Results Interface)	UI	Uses GMT and displays in user's local time. DST is adjusted as expected. There will be no HE3 displayed.
	API	The API uses GMT format, which will not be impacted by the transition.

CRR (Congestion Revenue Rights)	UI	N/A
DRRS (Demand Response Registration System)	UI	N/A
	API	The API uses GMT format, which will not be impacted by the transition.
ECC (Enhanced Curtailment Calculator)	UI	N/A
GMS (Grid Messaging System)	UI	Messages are stored in GMT and displayed in user's local time. DST is adjusted as expected.
HANA (Hosted Advanced Network Applications)	UI	Uses GMT and displays in user's local time. DST is adjusted as expected.
Master File	UI	N/A
	API	The API uses GMT format, which will not be impacted by the transition.
MNS (Market Notification Service)		N/A
MRI-S (Market Results Interface – Settlements)	UI	There will be no HE3 displayed.
	API	The API uses GMT format, which will not be impacted by the transition.
OASIS (Open Access Same-Time Information System)	UI	There will be no HE3 displayed.
	API	The API uses GMT format, which will not be impacted by the transition.
OMS (Outage Management System)	UI	There will be no HE3 displayed.
	API	The API uses GMT format, which will not be impacted by the transition.
PI Vision (Plant Information Vision)	UI	N/A
PISOA (Plant Information Service Oriented Architecture)	API	The API uses GMT format, which will not be impacted by the transition.
PLC (Path Limit Calculator)	UI	N/A
RC EIDE (Reliability Coordination Electric Industry Data Exchange)	API	The API uses GMT format, which will not be impacted by the transition.
RC Portal (Reliability)	UI	N/A

Coordination Portal)		
RIMS (Resource Interconnection Management System)	UI	N/A
SIBR (Scheduling Infrastructure Business Rules)	UI	Uses GMT and displays in user's local time. DST is adjusted as expected. There will be no HE3 displayed.
BSAP (Base Schedule Aggregation Portal)	UI Copy Function	Bids/Schedules/Base Schedules/RC Base Schedules and Trades Copy Forward or Copy From do not function similarly to each other on the UI.
RCBSAP (Reliability Coordination Base Schedule Aggregation Portal)		<p><u>Bids/Schedules/Base Schedules/RC Base Schedules</u></p> <ul style="list-style-type: none"> • <i>Do NOT use the copy function for moving Bids/Schedules/Base Schedules/RC Base Schedules into the Short Day (March 8, 2020) or from the Short Day.</i> • For Bids/Schedules/Base Schedules/RC Base Schedules the Copy To and Copy From the Short Day functionality on the UI will result in an Invalid bid because the time interval for a regular day has 24 hours; this cannot be carried into the Short Day because the period for the day is not complete in either case. <p><u>Trades</u></p> <ul style="list-style-type: none"> • Although there is a Day-Ahead Trade it is unique to each hour of the day just like a Real Time Trade or Bid. This allows a copy into the Short Day as well as a copy from the Short Day. • NOTE: on Copy to Short Day: A Trade from a regular day copied into the Short Day will not have HE24, it will contain 23 hours of Trade information but the HE3 from the previous day will show as the HE4 data and carry forward until HE24 which would show the HE23 data from the copied Trade. • NOTE: on Copy from Short Day: A Trade from the Short Day copied into a regular day will not have HE3 of the Short Day, it will contain 23 hours of Trade information but will show HE1, HE2 and then HE4 data and carry forward until HE24.
	API	Uses Coordinated Universal Time (UTC) so can use just the UTC or identify the offset. Examples:

		<p><u>Bid Start time</u></p> <p><startTime>2020-03-08T00:00:00.0-08:00</startTime> -- with an offset</p> <p><stopTime>2019-03-11T00:00:00.0-07:00</stopTime></p> <p><marketType>DAM</marketType></p> <p><u>Bid Start time</u></p> <p><startTime>2019-03-10T08:00:00.000-00:00</startTime> -- UTC</p> <p><stopTime>2019-03-11T07:00:00.000-00:00</stopTime></p> <p><marketType>DAM</marketType></p> <p><u>Bid IntervalStart/Stop -- with an offset</u></p> <p><BidSelfSched></p> <p><timeIntervalStart>2019-03-10T00:00:00.0-08:00</timeIntervalStart></p> <p><timeIntervalEnd>2019-03-10T01:00:00.0-08:00</timeIntervalEnd> -- HE01</p> <p><selfSchedMw>15.70</selfSchedMw></p> <p></BidSelfSched></p> <p><BidSelfSched></p> <p><timeIntervalStart>2019-03-10T01:00:00.0-08:00</timeIntervalStart></p> <p><timeIntervalEnd>2019-03-10T02:00:00.0-0800</timeIntervalEnd> -- HE02</p> <p><selfSchedMw>15.90</selfSchedMw></p> <p></BidSelfSched></p> <p><BidSelfSched></p> <p><timeIntervalStart>2019-03-10T03:00:00.0-07:00</timeIntervalStart></p> <p><timeIntervalEnd>2019-03-10T04:00:00.0-07:00</timeIntervalEnd> -- HE04* (NO HE3)</p> <p><selfSchedMw>15.90</selfSchedMw></p> <p></BidSelfSched></p>
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	Reports (Self-Schedule Contracts Report)	N/A
TR (Transmission Registry)	UI	N/A
WIT (WECC (Western Electricity Coordinating Council) Interchange Tool)	UI	01:59 for HE 4. Switch time zones for the WIT during that timeframe. WIT: Homepage → Misc → Change Time zone → PD
Settlements	Statements	There will be no HE3 displayed.
Metering	Submissions	The ISO receives Settlement Quality Meter Data (SQMD) in Standard Time year round, so there is no transition back to Standard Time. All SQMD meter data should continue to be submitted to the ISO in Standard Time.