

Data Standards Body

Technical Working Group

Decision Proposal 328 – Maintenance Iteration 17

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Context

This decision relates to the issues consulted on in Maintenance Iteration 17 of the Data Standards. This maintenance iteration incorporates Information Security, CX, Banking, Energy and CDR Register standards. The details for this iteration can be found at:

<https://github.com/ConsumerDataStandardsAustralia/standards/wiki/DSB-Maintenance-Iteration-17-Agenda-&-Minutes>

Additionally, processes and an overview of the maintenance operating model can be found at:

<https://github.com/ConsumerDataStandardsAustralia/standards-maintenance>.

Decision To Be Made

Changes related to the standards arising from the issues consulted in the maintenance iteration.

Feedback Provided

Below is a list of the issues addressed in this iteration. Each issue has a link to the issue thread containing the public consultation relating to the issue:

Iss. #	Sector	Issue	Decision	Change Type	Obligation Date	Notes
612	All	Maintenance Iteration 17 Holistic Feedback	Change Recommended	Non-Breaking Change	N/A	<i>Detail in following section</i>
593	Banking	Interest paid at maturity guidance for application Frequency in BankingProductDepositRate	Defer to DP338	Breaking Change	N/A	Proposed changes have been published as candidate standards in DP338
587	Energy	EnergyBillingDemandTransactionV2 - Measure Unit	Change Recommended	Breaking Change	N/A	Breaking change is <i>optional</i> to implement see: Proposal made
613	Energy	Time format change request for Energy Plan Data	Change Recommended	Non-Breaking Change	N/A	Proposal made
616	CX	Consumer's Data Holder(s) not available in ADR consent flow (potentially list not up-to-date)	Defer	Non Breaking Change	N/A	Issue discussed and seeking further guidance from the Treasury
610	Common	Addition of an (18 or over) Age Verification Flag	Defer	Non-Breaking Change	N/A	Discussed with Treasury and OAIC and waiting for further guidance
617	Common	Get Metrics v4 & v5 authorisations property changed from optional to mandatory as part of Maintenance Issue 599 & v1.27.0	No Change	Non-Breaking Change	N/A	The property was intended to Mandatory and was fixed in 1.27.0 release.
618	NFR	Modification Request for Stages of Get Metrics v5 "abandonmentsByStage" Object	No Change	Non-Breaking Change	N/A	Investigating provide further guidance in the support portal

Iss. #	Sector	Issue	Decision	Change Type	Obligation Date	Notes
604	NFR	Arrangements with large numbers (500+) of accounts	Defer	Non-Breaking Change	N/A	Defer requiring further consultation with the ACCC
412	Errors	Proposal to change specific error codes from MUSTs to SHOULDs	Defer	Non-Breaking Change	N/A	Data Holder awaiting further feedback from technical team
620	Schema	Authorization Response Algorithms should be conditional in RegistrationProperties	Change Recommended	Non-Breaking Change	N/A	Proposal made
288	Documentation	Gap in CDS specs around the mandatory nature of 'redirect_uri' in the Token Request	Change Recommended	Non-Breaking Change	N/A	Proposal made
473	Documentation	Add RFC8174 to list of normative references and update the use of Requirements Levels	Defer	Non-Breaking	N/A	Defer to next MI for further consideration

Decisions For Approval

Issue 612 - Iteration 17 Holistic Feedback

Link to issue:

<https://github.com/ConsumerDataStandardsAustralia/standards-maintenance/issues/612>

Change Impact

Non-Breaking change.

Decision

To make the following minor changes to the standards to correct defects or clarify intent:

- Added additional Enums descriptions for PAID_OUT_AT_MATURITY and ROLLED_OVER to supporting documentation table for “maturityInstructions”.
- Modified references to three incorrect field labels (tierMinimumValue, tierMaximumValue, tierUnitOfMeasure) in the property descriptions of [BankingProductRateTierV3](#).
- Modified minor differences in the naming of Register endpoints in the documentation.
- Removed link in [Amending Authorisation Standards](#) to Future Data Obligation as the obligation date has passed.
- Added a link to the [Obligation Dates Schedule](#) from the [Future Dated Obligations](#) section.
- Updated to the [Consumer Experience Guidelines](#) link in the CDS to the [new site](#)
- Updated descriptions to reflect the changes in the error reporting structure from Get Metrics v3, to v4 and v5 updating the description of the **errors** property of **ResponseMetricsListV4** and **ResponseMetricsListV5**
- Updated the definition of a “Number” in the common field types in the standards.
- Added a normative reference to the standards for RFC 7636 in addition to the current reference of PKCE.
- Updated link to the Data Standards Body (DSB) under Introduction to <https://www.legislation.gov.au/Details/F2021N00038>.

Background

This is the regular Maintenance Iteration Holistic Feedback Change Request that is created at the beginning of each maintenance iteration to capture trivial changes to the standards that do not warrant a dedicated Change Request.

Issue 587 - EnergyBillingDemandTransactionV2 - Measure Unit

Link to issue:

<https://github.com/ConsumerDataStandardsAustralia/standards-maintenance/issues/587>

Change Impact

Breaking Change

Decision

The decision is to add a new optional field `measureUnit` to `EnergyBillingDemandTransactionV2` object as below:

```
"measureUnit": [ "KWH", "KVA", "KVAR", "KVARH", "KW", "DAYS", "METER", "MONTH"], // optional - The measurement unit of rate. Assumed to be KVA if absent
```

And update the description of `EnergyBillingDemandTransactionV2.rate` field as below:

```
"rate": "number", // The rate for the demand charge in measureUnit. Assumed to be KVA if measureUnit not provided. A negative value indicates power generated
```

Background

Currently in the energy standards, demand transactions can only be represented in kVA. Ergon Energy has some customers, particularly with older meters (Type 6 or Basic), that have demand tariffs charged in kW. Conversion from kW to kVA is not possible as it requires an equipment power factor from behind the meter for every 30 minutes, which is not always recorded.

This change request, raised by Ergon Energy, requests addition of a new enumerated field `measureUnit`, which would allow specifying different unit of measurement for demand charges. This would allow data holders to specify charges in kVA and kW (and other units) as required.

During consultation, it was noted that the change will be considered a breaking change as the interpretation of the demand charge can change. It will result in a new version of the following energy APIs:

- Get Billing For Account
- Get Bulk Billing
- Get Billing For Specific Accounts

However, given the change involves adding an optional field (which not every retailer may need), no future dated obligation is proposed for the new version. Retailers may choose to implement the new version as required. It is also proposed the current version MAY be retired on September 9th 2024 if the new version is implemented.

Feedback from participants supported the above change.

Issue 613 - Clarification of Energy PRD Obligations

Link to issue:

<https://github.com/ConsumerDataStandardsAustralia/standards-maintenance/issues/613>

Change Impact

Non-Breaking Change

Decision

The decision is to change the type of following fields in energy data to `ExternalRef`:

- `EnergyPlanControlledLoad.timeOfUseRates.timeOfUse.startTime`
- `EnergyPlanControlledLoad.timeOfUseRates.timeOfUse.endTime`
- `EnergyPlanSolarFeedInTariffV2.timeVaryingTariffs.timeVariations.startTime`

- `EnergyPlanSolarFeedInTariffV2.timeVaryingTariffs.timeVariations.endTime`
- `EnergyPlanTariffPeriod.timeOfUseRates.timeOfUse.startTime`
- `EnergyPlanTariffPeriod.timeOfUseRates.timeOfUse.endTime`
- `EnergyPlanTariffPeriod.demandCharges.startTime`
- `EnergyPlanTariffPeriod.demandCharges.endTime`

The description of the above fields will be updated to include the following:

Formatted according to [ISO 8601 Times](#). If the time is provided without a UTC offset, the time zone will be determined by the value of `EnergyPlanContract.timeZone`.

Background

Time fields in energy plan data (e.g. peak period start and end times) are currently defined as the `TimeString` type, which aligns to the RFC3339 specification. The specification requires a UTC offset to be provided (3pm will be defined as 05:00:00+10:00, where +10 is the time offset to GMT).

This is problematic for energy plans where times are not affected by daylight savings changes. For e.g. a plan with rates applicable from 07:00 to 15:00 would be applicable for that specific time range regardless if the local time is in AEST or AEDT. Providing times with a UTC offset requires conversion when daylight savings changes.

To solve this issue, it is proposed to align energy plan times to [ISO 8601 Times specification](#). The ISO 8601 Times specification allows time representation with and without a UTC offset value. This would allow data holders like Energy Made Easy (EME) to provide generic plan information in HH:MM format and retailers to provide time values for instantiated plans with a UTC offset if required in a compliant manner.

Participants agreed with the proposal. There were suggestions to incorporate the ISO 8601 specification as a new [Common Field Type](#) in the standards. However, given the problem is limited to the energy standards, the recommendation is for the impacted energy time fields (noted above) to be defined as an external reference type (`ExternalRef`) instead, noting the format of the time is to be provided as per ISO 8601 Times specification. The description would also note that if the time is provided without a UTC offset, the time zone value would be determined by the value of `EnergyPlanContract.timeZone`.

We will monitor the usage of this structure and future needs of new sectors and will revisit the matter of defining a new Common Field Type if required.

Documentation and Schema Changes

The following change requests are for minor changes:

Issue #	Change Type	Change Description
288- Gap in CDS specs around the mandatory nature of 'redirect_uri' in the Token Request	Documentation Change	Change to the Standards documentation for Client authentication example in the non-normative examples. An additional parameter was added to the example here :
620- Authorization Response Algorithms should be conditional in RegistrationProperties	Schema Change	Changed <code>authorization_signed_response_alg</code> and <code>authorization_encrypted_response_alg</code> from <i>optional</i> to <i>conditional</i> based on the description
#222 - Resolve links within the standards to specific errors and other parts	Standards publishing / Documentation Change	Update to the link structure generated by the Standards publishing process to help ensure links are unique and navigation operates as intended.
#312 - Typos in Change Log and Archives	Documentation Change	Corrected minor typos in table headings. Original meaning unaffected.
#330 - Retain version delta for Draft and Candidate Standards in v1.29.0	Documentation Change	Retain Version Delta comments in Candidate Standards for Banking Decision Proposal 306 and Draft Standards for the Banking and Non-Bank Lending sector to support ongoing consultation.
#332 - Refine Fathom Tracking between environments	Standards publishing	Adjustment to analytics to provide further insight into Standards usage.
#334 - Add visual indicator for different Standards categories	Standards publishing	Provide visual indication on different Standards category pages.
#338 - Sub-menus in CX Standards	Standards publishing	Provide submenu navigation for two sections of the Consumer Experience Standards.

Implementation considerations

When possible, consideration and preference to non-breaking change has been prioritised with community consultation.