Tariff Interoperability Phase 1A
Test Approach and Plan

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Change Log

Date	Version	Author	Description
09 June 2026	1.0	CS	Final review and publish
05 June 2026	0.4	JA	Updating overall approach.
24 March 2026	0.3	NH	Updated following review incorporating comments. Decisions taken: monitoring tool pre-live validation replaces 5-10% sampling; director-level attestation confirmed; Phase 1B references removed; post go-live enduring testing section added.
16 March 2026	0.2	NH	Draft following split of Phase 1A and Phase 1B Test Approach and Plan and Test Strategy.
17 December 2025	0.1	KR	Initial draft following split of Test Approach and Plan and Test Strategy.

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1. Document Purpose

The Tariff Interoperability (TI) Test Approach and Plan will define how testing will be delivered by the TI Project for Phase 1A.

The Test Approach and Plan will have a number of impacts on Suppliers and TI Users, DESNZ, the REC Code Manager as well as RECCo and its TI Project Team.

We have discussed our approach with DESNZ, the Tariff Interoperability Working Group (TIWG), the Tariff Interoperability Implementation Working Group (IWG) and the RECCo TI Project SteerCo. We have also consulted on the high-level approach in November 2025. Our current position is that:

- A Pilot Group will engage in early testing in order to validate the solution design, TI API technical specification, TI Monitoring Tool, TI Supplier Register and testing workbook.
- Self-testing is mandatory for all Suppliers who are obliged to operate within the TI Arrangements, or those who choose to Opt-In (TI Energy Suppliers).
- Self-testing will be optional for TI Users.
- Assurance of self-testing will be declared by TI Energy Suppliers through a director-level management attestation — mandatory for all TI Energy Suppliers.
- Pre-live Supplier Endpoint validation will be carried out via the TI Monitoring Tool for all TI Energy Suppliers before their endpoints are added to the external facing TI Supplier Register. This is an operational readiness activity and not covered in the Testing Approach and Plan.
- All other TI Energy Supplier and TI User self-testing will take place once the solution design has been validated, workbook agreed and any updates made to the API Technical Specification.

The governance process to confirm the Test Approach and Plan (this document) is as follows:

1. Identify decision points and decision makers.
2. Resolve decisions and identify chosen approach.
3. Discuss chosen approach with DESNZ.
4. Cost chosen approach and bring to RECCo TI Project SteerCo for decision.
5. Finalise draft Test Approach and Plan and issue to TIWG and Implementation Working Group (IWG) members for feedback.
6. Finalise document following feedback.
7. Present to DESNZ for final approval.
8. Publish the approved Test Approach and Plan.

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2. Executive Summary

2.1 Overview

The Tariff Interoperability (TI) Phase 1A Test Approach and Plan defines how testing will be delivered for Phase 1A of Tariff Interoperability implementation, including:

- Testing of the overall Phase 1A solution design,
- Testing of the operation of the TI Supplier Register, TI Validation Tool and TI Monitoring Tool,
- Testing for TI Energy Suppliers to ensure they can meet their Phase 1A obligations (via the testing workbook), and
- Testing for TI Users so that they can be confident in their ability to access Tariff Data.

This document is intended for consumption by: TI Energy Suppliers, TI Users, RECCo, DESNZ, Tariff Interoperability Working Group (TIWG) members and Implementation Working Group (IWG) members.

Testing is mandatory for all Suppliers who are required to participate in the TI Arrangements or have chosen to opt in (TI Energy Suppliers). Director-level management attestation by TI Energy Suppliers will be the main form of formal assurance. TI Energy Suppliers will be self-sufficient and self-managed. Pre-live endpoint validation via the TI Monitoring Tool will be carried out for all TI Energy Suppliers.

2.2 Scope

TI Energy Suppliers

- All Energy Suppliers who are mandated to operate under the TI Arrangements, and
- All Energy Suppliers who choose to opt-in to the TI Arrangements.

TI Users

- All TI Users who wish to operate under the TI Arrangements and access publicly accessible Tariff Pricing Data.

2.3 Scope of Testing Activity (Phase 1A)

- All testing scenarios for TI Energy Suppliers will be within the TI Testing Workbook which will be issued to all TI Energy Suppliers prior to them commencing testing,
- Access and discovery of Supplier Endpoints via the TI Supplier Register,
- The Tariff Pricing Data request and provision routes,
- Operation of the TI Monitoring Tool and TI Validation Tool.

The following are out of scope for this document:

- Consumer Specific Tariff Information (MPXN-specific routes),
- OAuth 2.0 consent mechanism,
- RTI User registration and webhooks, and
- Event notifications.

2.4 Provisions for Testing

- Synthetic data,
- Shared RECCo sandbox (target availability August 2026, subject to RECCo TI Project Steerco sign-off),
- Sandbox for Pilot Testing Group, and

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- Availability of TI Testing Workbook, TI User Register, TI Monitoring Tool and TI Validation Tool in the RECCo sandbox for testing.

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3. Background and Context

The Smart Secure Electricity Systems (SSES) Programme is crucial for establishing robust technical and security frameworks for Energy Smart Appliances (ESAs) and load control organisations to support the drive towards flexibility. Tariff Interoperability (TI) Arrangements are one crucial aspect of the SSES programme which will allow ESAs to easily respond to tariff pricing information.

The TI Arrangements will require TI Energy Suppliers to make tariff data available via an Application Programming Interface (API) in a consistent format. This will make it easier for ESAs and optimisers to access Tariff Pricing Data to optimise consumers' energy consumption.

Phase 1A delivers the Minimum Viable Product (MVP) for public tariff data access. This includes:

- Supplier-hosted Tariff Interoperability APIs for public Tariff Pricing Data,
- The TI Supplier Register (central directory of supplier endpoints), and
- The TI Monitoring Tool.

The TI Arrangements are anchored in changes to Electricity Supply Supplier Licence Conditions (SLCs) and new Schedule 35 to the Retail Energy Code (REC). Subject to exemptions and derogations provided by Electricity Supply SLC11C, TI Energy Suppliers will be required to:

- Make Tariff Pricing Data available via a supplier-wide standardised API,
- Make Tariff Pricing Data available for domestic consumers, and
- Make Tariff Pricing Data available for non-domestic consumers where electricity consumption is not determined by a Current Transformer Electricity Metering arrangement.

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4. Test Scope

The scope of testing under this document covers the Phase 1A TI interactions between TI Energy Suppliers and TI Users and their individual interactions with the TI Supplier Register, TI Validation Tool and the TI Monitoring Tool.

4.1 Public Tariff Data

Testing will verify that public Tariff Pricing Data is made available, discovered and consumed consistently across TI Energy Suppliers and TI Users.

TI Energy Suppliers

- Registering Supplier Endpoints within the TI Arrangements so that TI Users can reliably discover public Tariff Pricing Data routes,
- Maintaining and updating registered Supplier Endpoints over time,
- Providing tariffs in line with specific filters,
- Providing tariff detail by specific tariff ID, and
- Handling invalid or unsupported filters and communicating with appropriate error responses.

TI Users

- Accessing Supplier Endpoints discovered via the TI Supplier Register,
- Requesting tariffs in line with specific filters,
- Receiving and validating Tariff Pricing Data returned by TI Energy Suppliers, and
- Handling changes to Supplier Endpoints.

4.2 Dynamic Tariffs

TI Energy Suppliers

- Making dynamic tariffs available using ‘effective to’ and ‘effective from’ datetimes,
- Ensuring updated prices are exposed to TI Users, and
- Reflecting dynamic price changes consistently across public Tariff Pricing Data routes.

TI Users

- Requesting and ingesting dynamic tariffs in accordance with ‘effective to’ and ‘effective from’ datetimes, and
- Regularly refreshing dynamic tariff data in line with the non-functional requirements.

4.3 Non-Functional Requirements

TI Energy Suppliers and TI Users

TI Energy Suppliers are expected to test against the following non-functional requirements:

- Availability
- Latency
- Capacity
- Caching freshness
- Retention
- Retry Strategy

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Evidence of non-functional requirements may be requested by the RECCo Test Manager.

4.4 Enablers

TI Energy Suppliers

- Provision and ongoing maintenance of TI Energy Supplier entries in the TI Supplier Register,
- TI Energy Supplier-side integration with the RECCo sandbox, TI Validation Tool and TI Monitoring Tool.

TI Users

- Interaction with the TI Supplier Register for Supplier Endpoint discovery, and
- Integration with the RECCo sandbox, TI Validation Tool.

RECCo (Central Services)

- Provisioning of RECCo sandbox environment,
  - TI Supplier Register – provision and availability,
  - TI Monitoring Tool – provision and availability,
  - TI Validation Tool (including dummy data) – provision and availability.

4.5 Documentation

The following artefacts are required to support testing:

- Baselined API Technical Specification,
- Change and Release Management Approach,
- Data Management Approach and Plan,
- Defect Management Approach/Processes,
- Internal RECCo Test Scenarios, and Test Cases
- TI Testing Workbook, and
- Onboarding Approach.

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5. Testing and Assurance Approach

5.1 Overview

The TI Phase 1A Testing Approach is a phased, sequential approach that focuses on using testing to validate the solution design, before TI Energy Suppliers and TI Users conduct their own self-directed testing. Central to our approach is the use of a Pilot Group of volunteers to validate the solution design.

- Stage 0: Internal RECCo Testing
- Stage 1: Pilot Group End-to-End Testing (TI Energy Suppliers and TI Users)
- Stage 2: TI Energy Supplier and TI User Self-Directed Testing
- Stage 3: Assurance

5.2 Pilot Group End-to-End Testing (Stage 1)

The Pilot Group will consist of at least one and up to three TI Energy Suppliers and at least one and up to three TI Users, alongside the underlying TI Supplier Register, TI Validation Tool and TI Monitoring Tool. Where possible, we would like volunteers to join the Pilot Group; RECCo may undertake targeted engagement to encourage participation should the Pilot Group become under-subscribed.

The role of the Pilot Group will be to test the end-to-end Phase 1A solution design, including the TI Supplier Register, TI Monitoring Tool and TI Validation Tool, in order to demonstrate the technical viability of the TI Arrangements solution.

For TI Energy Suppliers within the Pilot Group, we would request volunteers with diverse portfolios and technical stacks, and at least one of whom offers dynamic tariffs.

TI Users can come from across the potential TI User types, as long as they currently offer services to consumers that are reliant on access to a consumer's tariff information and intend to operate as TI Users under the TI Arrangements.

Once identified as part of the Pilot Group, members will have ideally successfully completed their design, build, and internal testing. RECCo will provide detail of what tests (via the Testing Workbook) should be carried out at Stage 1 following the design and build. RECCo will seek assurances from Pilot Group members that there are no Severity 1 or 2 defects, and that there is a workaround or work-off plan in place for Severity 3 and 4 defects that would compromise Pilot Group Component Testing. During this stage we will fine tune the Testing Workbook and TI API Technical Specification. Any changes to these documents will be published prior to Stage 2.

5.3 TI Supplier and TI User Self-Directed Testing (Stage 2)

Once Stage 1 has closed and the TI API Technical Specification baseline has been updated following stabilisation and completion of the API Technical Specification consultation, the Sandbox environment will be made available to all TI Energy Suppliers and TI Users for their own self-directed testing.

Testing is mandated for TI Energy Suppliers to operate in the TI Arrangements. We do not intend to mandate TI Users to complete testing, however we would recommend TI Users complete some level of testing prior to accessing the TI Arrangements.

RECCo will provide the TI Testing Workbook which will be available to TI Energy Suppliers and TI Users, outlining which tests should be carried out. It is the responsibility of TI Energy Suppliers to carry out their own testing in time to align with the TI implementation requirements and go-live on 18 February 2027. All test cases in the TI Testing Workbook are mandatory unless explicitly marked optional. Evidence may be requested from TI Energy Suppliers by RECCo where appropriate.

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TI Energy Suppliers can notify RECCo of their intended testing schedule, however this is a self-directed testing so TI Energy Suppliers will be self-managing their timelines for completion.

5.4 Assurance (Stage 3)

All TI Energy Suppliers — including Pilot Group Suppliers — will be required to complete a director-level management attestation confirming readiness to operate within Phase 1A TI Arrangements prior to being onboarded to the public facing TI Supplier Register.

The TI Monitoring Tool will conduct pre-live endpoint validation by pinging all Supplier Endpoints before onboarding to confirm availability. This will be part of operational readiness.

The TI Energy Supplier director-level management attestation must confirm, at minimum, the following:

- TI Arrangements have been developed and tested— evidence should be kept by the TI Energy Supplier.
- Risk assessment is complete and testing has been undertaken where required — evidence should be kept by the TI Energy Supplier.
- Change log is maintained; no Severity 1 or 2 defects exist; all Severity 3 and 4 defects have suitable work-off plans or workarounds that will not impact go-live.
- It has or will provide its Supplier Endpoint(s) and contact details for TI User and customer issue resolution to RECCo by 31 December 2026.
- It has undertaken the relevant training and has (or will have) in place all relevant arrangements to manage TI queries from TI Users and customers.
- Confirmation that it will have in place any performance reporting required by the REC.
- It will be ready for TI go-live on 18 February 2027 and will inform RECCo if there are any issues that would prevent it being ready, such that its Supplier Endpoint should not be made available on the public facing TI Supplier Register.

We do not intend to mandate TI User testing. We do encourage TI Users to carry out testing through the RECCo sandbox and will make available the TI Validation Tool.

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6. Testing Model Stages

The TI Phase 1A Testing Model is structured into four sequential stages. The sections below outline the objectives, scope and controls for each stage. The entry and exit criteria for each stage will be monitored and checked by the RECCo Test Manager.

6.1 Stage 0: Internal RECCo Testing

Objective

- To test and validate RECCo internal systems and documentation before Stage 1. This will be also made available for Stages 2 and 3.

Scope — RECCo

- Provisioning of the Sandbox environment (which will be available for all stages),
- Testing of the TI Supplier Register, TI Validation Tool & TI Monitoring Tool,
- Testing and refinement of the TI API Technical Specification, and
- Testing and refinement of the TI Testing Workbook.

Exit Criteria

- Design and build activities completed for TI Phase 1A interfaces and supporting components,
- All mandatory Stage 0 tests executed (will cover full testing of the TI API Technical Specification),
- No unresolved Severity 1 or 2 defects, and
- Any remaining Severity 3 or 4 defects documented with an agreed work-off plan.

6.2 Stage 1: Pilot Group End-to-End Testing

Objective

- To demonstrate that Pilot Group Suppliers and TI Users can successfully connect to and interact with the TI Sandbox, including the TI Supplier Register, TI Monitoring Tool and TI Validation Tool.
- TI Users and RECCo (TI Monitoring Tool) can also successfully hit Supplier Endpoints which return valid payloads.

Scope — TI Energy Suppliers

- Pilot Group Suppliers only,
- Connectivity and handshake with all relevant TI Phase 1A Supplier Endpoints, and
- Interaction with Pilot Group TI Users, TI Monitoring Tool and TI Validation Tool.

Scope — TI Users

- Pilot Group TI Users only,
- Connectivity and access to the TI Supplier Endpoints,
- Execution of tariff query and retrieval scenarios, including error conditions, and
- Interaction with TI Validation Tool, where applicable.

Entry Criteria

- Stage 0 exit criteria met,
- TI Sandbox, TI Monitoring Tool and TI Validation Tool is available and stable at the agreed baseline of the API Technical Specification,

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- TI Test Workbook has been issued, and
- Test data sets published and accessible.

Exit Criteria

- Successful execution of all (agreed) test cases within TI Test Workbook,
- No unresolved Severity 1 or 2 defects affecting connectivity or core message exchange,
- Known integration issues and Severity 3 or 4 defects documented with agreed workarounds or work-off plans,
- TI Tools/TI Supplier Register updated where applicable and ready for Stage 2,
- TI Test Workbook has been based lined and republished, and
- API technical specification is updated where applicable and baselined/published on the Developer Portal.

Evidence

- Test log and screenshots where relevant,
- Updated defect logs and agreed work-off plan.

6.3 Stage 2: TI Energy Supplier and TI User Self-Directed Testing

Objective

- To enable all TI Energy Suppliers and TI Users to perform self-directed testing against the baseline TI API Technical Specification, validating their readiness to operate within the Phase 1A TI Arrangements.

Scope — RECCo

- Provisioning of the Sandbox, and
- Making TI Supplier Register, TI Monitoring Tool, TI Validation Tool and the TI Testing Workbook available.

Scope — TI Energy Suppliers

- All TI Energy Suppliers required or intending to participate in the TI Arrangements from go-live,
- Execution of all mandatory tests in the latest version of the TI Testing Workbook (available on the Dev Portal), and
- Focus on demonstrating that each TI Energy Supplier's solution will be able to make public Tariff Pricing Information available to TI Users/TI Monitoring Tool where requested.

Scope — TI Users

- All TI Users intending to access public Tariff Pricing Data under the TI Arrangements,
- Execution of the TI Testing Workbook, and
- To validate their ability to access public Tariff Pricing Data and the TI Supplier Register correctly.

Entry Criteria

- Completion of Stages 0 & 1 and incorporation of agreed changes into the TI API Technical Specification and solution design,
- TI Supplier Register, TI Monitor Tool and TI Validation Tool used in Stage 0 & 1 are updated to reflect any design changes from these Stages,
- Following publication of the baselined API Technical Specification,

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- TI Sandbox, test data and the latest version of the TI Testing Workbook made available to all TI Energy Suppliers and TI Users via the REC Portal, and
- Parties have requested and been granted Sandbox access.

Exit Criteria

- TI Energy Suppliers: Internal readiness sign-off in place to support management attestation,
- TI Energy Suppliers: Successful execution of all mandatory test cases within TI Test Workbook,
- TI Energy Suppliers: Test evidence gathered and available if requested by RECCo, and
- TI Users: No formal exit criteria.
- No Sev 1 or 2 defects with the TI Supplier Register, TI Monitoring Tool and no issues identified with the TI API Technical Specification or design that would prevent TI Go-Live.

Evidence

- TI Suppliers are expected to retain all test evidence which includes:
  - Executed test cases and results recorded in the TI Testing Workbook,
  - Defect logs and agreed work-off plans, and
  - Internal readiness sign-off.
- All TI User evidence is optional and may be retained for their own internal purposes.

6.4 Stage 3: Assurance

Objectives

- Secure formal confirmation from all TI Energy Suppliers — including Pilot Group Suppliers — that they are ready to operate the Phase 1A TI Arrangements from go-live on 18 February 2027, and
- Provide proportionate independent assurance, and
- Give RECCo confidence that the risk to consumers is being managed effectively ahead of go-live.

Scope — RECCo

- Provide a TI Supplier Register,
- Provide a TI Testing Workbook,
- Provide a TI Validation Tool, and
- Provide a TI Monitoring Tool.

Scope — TI Energy Suppliers

- All TI Energy Suppliers entering the Phase 1A TI Arrangements (including Pilot Group Suppliers),
- Completion of director-level management attestation.

Scope — TI Users

- No mandated testing or management attestation for TI Users.

Entry Criteria

- TI Sandbox open to the wider market and self-directed testing underway or completed,
- TI Energy Supplier readiness sign-off completed, with evidence available to support attestation, and

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- Management attestation template and guidance issued by RECCo.

Exit Criteria

- Director-level management attestations received from all Suppliers intending to operate within the Phase 1A TI Arrangements,
- Pre-live Supplier Endpoint validation completed via the TI Monitoring Tool, and
- No outstanding high-risk findings that would prevent Go-Live.

Supplier endpoints will only be made publicly available following successful completion of required operational readiness activities and receipt of management attestation.

Evidence

- Director-level management attestations from all TI Energy Suppliers,
- TI Monitoring Tool endpoint validation records, and
- Assurance summary from REC Code Manager to support Go-Live decision.

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7. Post Go-Live and Enduring Testing

Following go-live on 18 February 2027, the TI Arrangements will continue to require testing and assurance support for:

- New entrant Suppliers who become obligated after the initial go-live date,
- Suppliers who choose to opt-in to the TI Arrangements post go-live, and
- TI Users who wish to access the arrangements for the first time post go-live.

We propose that the self-attestation process (Stage 2 & 3) will continue as an enduring mechanism for new entrant Suppliers and opt-in Suppliers post go-live. This will be subject to a REC Change Request to establish the enduring approach.

The sandbox (including the TI Validation Tool and TI Monitoring Tool) and TI Testing Workbook will remain available.

RECCo will assess what testing infrastructure needs to be retained beyond go-live to support new entrants, and whether any Stage 2 & 3 tooling needs to be maintained on an ongoing basis.

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8. Test Management

8.1 Pilot Group

Pre-Pilot Testing

Each volunteer Pilot Group participant will be responsible for planning, managing and executing its initial testing before being onboarded into the Pilot Group and the test instance of the TI Supplier Register. Prior to onboarding, each Pilot Group member will use and manage its own processes, staff, test environments, test data, and test tools.

Pilot Testing

Once approved to begin Pilot Testing, volunteers will be onboarded onto the test instance of the TI Supplier Register. They will be required to provide endpoints, contact details, and an appointed Test Manager. That Test Manager will represent their organisation within the Pilot Group.

For Sandbox testing, the RECCo TI Project Team will manage the provision of the environment necessary for each participant to conduct their testing. The TI Project Team will also allocate test data for each volunteer along with a TI Testing Workbook of defined testing. During this phase, the volunteers will meet twice weekly with the RECCo Test Manager to report on progress.

The volunteers will execute their own tests and report on these to the RECCo Test Manager. Defects are expected to be raised at earliest convenience for the review of the RECCo Test Manager.

Once testing has been completed, the RECCo Test Manager will review the outcomes and observations from Pilot Testing and confirm whether the objectives of the Pilot phase have been met.

Any observations which have been recorded during this phase for the TI Testing Workbook and TI API Technical Specification will be updated and baselined on the REC Portal.

8.2 Other TI Energy Suppliers

Other TI Energy Suppliers (that are not part of the Pilot Group) can begin to test once the Sandbox environment has been made widely available. This will happen once the TI API Technical Specification has stabilised and completed update following a DESNZ consultation.

To access the Sandbox, TI Energy Suppliers (and TI Users) details will be available on the TI RECCo Dev Portal. TI Energy Suppliers must complete the Sandbox testing according to the RECCo TI Testing Workbook with relevant recorded test evidence.

All TI Energy Suppliers must provide a director-level management attestation confirming their readiness to take part in the Phase 1A TI Arrangements at Go-Live.

Pre-live endpoint validation via the TI Monitoring Tool will be carried out for all Suppliers.

8.3 Defect Management

Overview

A defect is any observed deviation, ambiguity or concern identified during testing that could impact:

- The TI API operation or data,
- The TI Supplier Register,
- The TI Monitoring Tool,
- Sandbox, TI Validation Tool, or
- Interpretation of the REC Schedule.

Internal defects within a party's own systems identified during their internal design, build and test remain the responsibility of that party to manage.

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Logging

All in-scope defects must be logged in the central TI Defect Log. Submission to the TI Defect Log will be managed via the Tariff Interoperability mailbox. Triage will be managed by the RECCo Test Manager. The information contained within the Defect Log will be treated as commercially confidential information.

Each entry should include at a minimum: reporting organisation and named contact; date raised; impacted environment; affected route, scenario or test case ID; description of the problem; technical impact; and any supporting artefacts including test data used.

Classification

On receipt, the RECCo Test Manager will review new entries and classify them by type and severity. Prioritisation of defects will be agreed between the RECCo Test Manager and impacted organisations.

Resolution

Responsibility for resolution will be assigned as follows:

- RECCo: for environment, TI Validation Tool, test data, TI Supplier Register and TI Monitoring Tool,
- The relevant party: for implementation defects within their own systems, and
- RECCo in the first instance, then IWG and DESNZ: for TI API Technical Specification or other REC-related artefacts, via the change management process.

Re-testing and Closure

When a fix is deployed, either to a party's systems or to the TI API Technical Specification, the reporting organisation or other impacted organisation will re-run the relevant test cases. The relevant organisation’s Test Manager will confirm that outcomes are acceptable before closing the defect.

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9. Governance and Reporting

9.1 Overview

This section defines the governance arrangements for the Phase 1a Test Approach and Plan, including how testing activities are coordinated, how issues and changes are managed, and the roles of the parties involved.

Key parties involved: DESNZ (Policy Owner), RECCo (Delivery Authority), the Tariff Interoperability Working Group (TIWG), the Implementation Working Group (IWG), TI Energy Suppliers and TI Users.

9.2 Bodies and Remits

- DESNZ: Retains policy ownership of the Tariff Interoperability arrangements and is consulted where testing outcomes identify a need for policy clarification or changes to the approved design.
- TIWG: Receives updates on testing progress, risks and outcomes, and provides advice where testing identifies impacts to the Tariff Interoperability design, governance arrangements or TI API Technical Specification.
- IWG: Provides advice on testing activities, implementation considerations, operational readiness and implementation risks.
- RECCo Test Manager: Responsible for this Test Approach and Plan. Responsible for day-to-day management of testing activities, including test coordination, test data management, Pilot Group testing, defect management, review outcomes and observations, endpoint validation and escalation of testing issues and risks.
- RECCo: Accountable for the overall testing programme, including provision and operation of the testing environments, approval of access to testing environments where required, and sign-off of testing completion against the agreed testing approach. This includes the Sandbox, TI Supplier Register, TI Validation Tool and TI Monitoring Tool.
- TI Energy Suppliers: Responsible for completing testing activities, providing evidence where required and submitting attestations in accordance with the approved approach.
- TI Users: Participate in testing activities where applicable and provide feedback, evidence or defect information as required.

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9.3 RACI

The RACI below defines Responsible (R), Accountable (A), Consulted (C) and Informed (I) roles for each testing activity.

Activity	RECCo	Suppliers	TI Users	RECCo Test Manager	IWG	TIWG	DESNZ
Test Approach and Plan	A	C	C	R	C	C	I
Sandbox / TI Validation & TI Monitoring Tool	A	C	C	R	I	I	I
Change Control and Baselining of the TI Testing Workbook	A	C	C	R	I	I	I
Change Control and Baselining of API Tech Spec	A	C	C	R	C	C	C
Evidence and Attestation	A	R		R	I	I	I
Pre-Live Endpoint Validation	R	R		A	I	I	I

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10. Assumptions

The Test Approach and Plan is based on the following key assumptions and dependencies. If any of these prove invalid, the scope, approach and timelines for testing may need to be updated.

Regulatory and Governance

- TI-related changes to the draft SLCs and REC TI Arrangements Schedule 35 will not be subject to further change following their implementation on 18 May 2026.
- DESNZ and RECCo governance arrangements will be in place to confirm scope and approve any changes within the timescales needed to provide testing.

Design and Specification

- An initial version of the Phase 1A TI API Technical Specification and associated artefacts will be available before Pilot Group testing commences.
- Changes to the TI API Technical Specification during the testing window will be controlled through the agreed process and limited to non-material changes.

Participants

- The Pilot Group will contain at least one TI Suppliers and one TI Users and will remain sufficiently stable throughout the Pilot Testing.
- The Pilot Group will have access to the TI Supplier Register and TI Monitoring Tool which will remain sufficiently stable throughout the Pilot Testing.
- All TI Energy Suppliers will allocate appropriate resources to plan, execute and support their testing.
- Each party will nominate a single point of contact for testing to coordinate test execution.

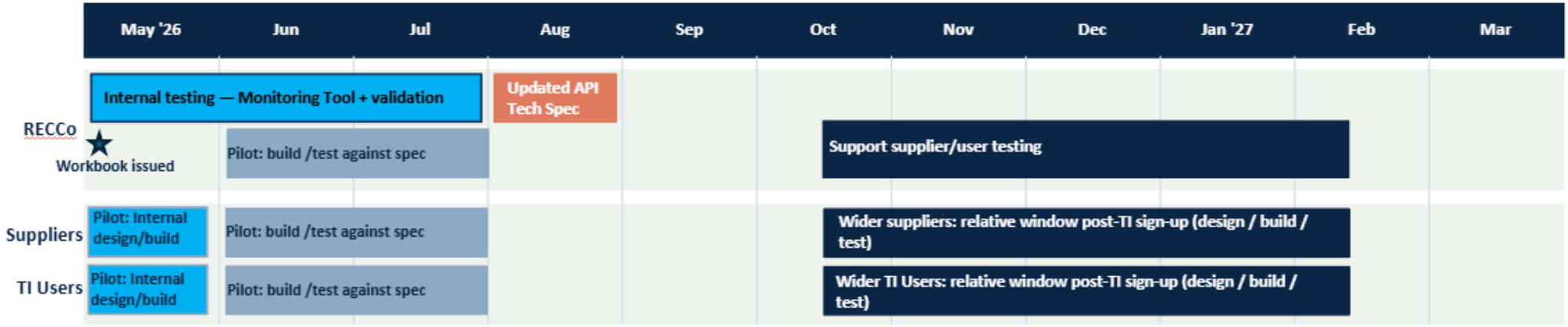
Timeframe and Scope

- The planned test phases provide sufficient time for each in-scope party to complete the recommended test scenarios at least once and address a reasonable number of defects.
- This plan covers Phase 1A TI only.
- Post go-live operational incident and problem management will be handled outside of the TI Test Approach.

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11. Timeline

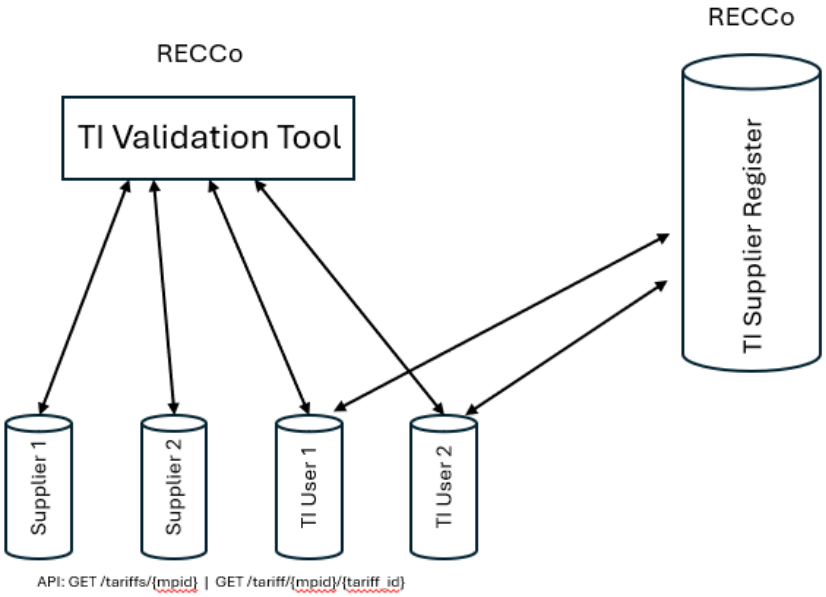
High level POAP



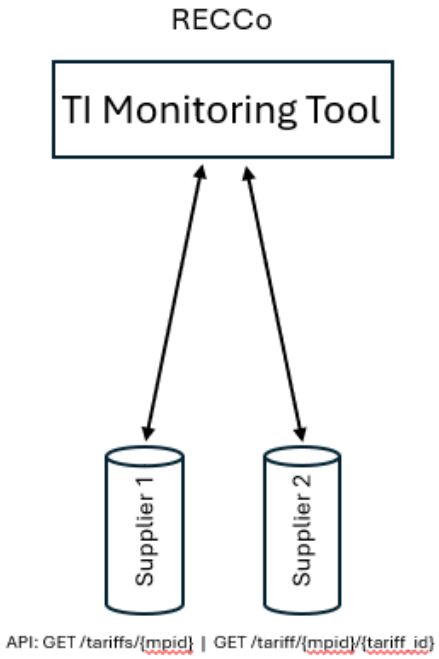
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12 Appendix

TI Supplier Register / TI Validation Tool



TI Monitoring Tool



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Defect Severity Description

Severity indicates the business impact of the defect, if this was to remain in the system at go live, and is initially set by the tester in line with the following guidance.

Severity	Impact
1	No workaround available. A showstopper—system is down or severely compromised, preventing core business functions. Can also include less severe but customer-facing issues that undermine trust (e.g. misspelling a customer's name on an invoice).
2	Significant/Serious. A workaround may exist. System is limited, allowing only partial business functionality. Includes less severe customer-facing issues that may affect trust (e.g. spelling errors in the user interface).
3	Limited/Notable. An acceptable procedural work-around is available. The system is not compromised, and the customer is able to carry out business functions.
4	Insignificant/Trivial. An acceptable procedural work-around is available or not required. The system is not compromised, and the customer is able to carry out full business functions.

Defect Priority Description

Priority reflects how quickly the defect needs to addressed and is initially set by the tester in line with the following guidance.

Priority	Description
High	Resolution must be provided as soon as possible, ideally within the current sprint.
Medium	Resolution should be provided within the next sprint.
Low	Resolution should be provided within an agreed future sprint.

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