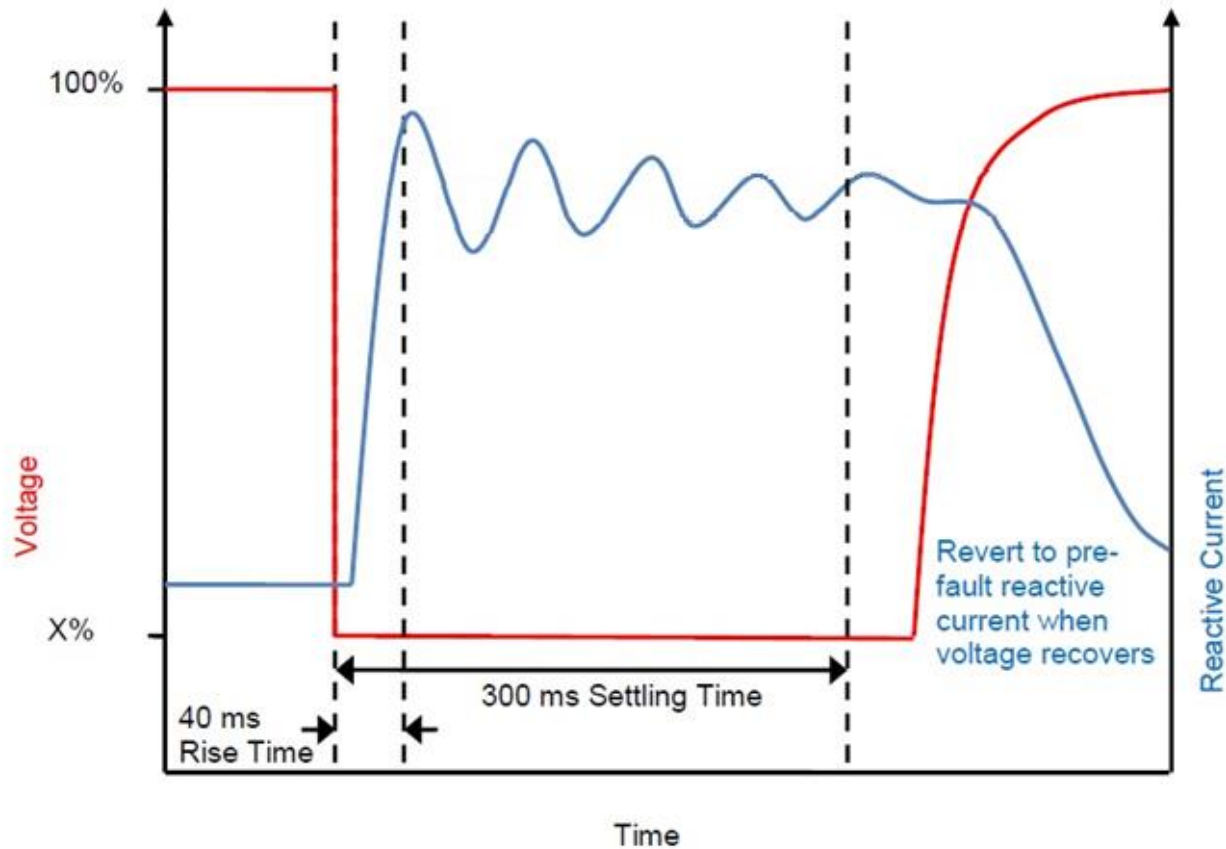


Future procurement of DRR and FPFAPR

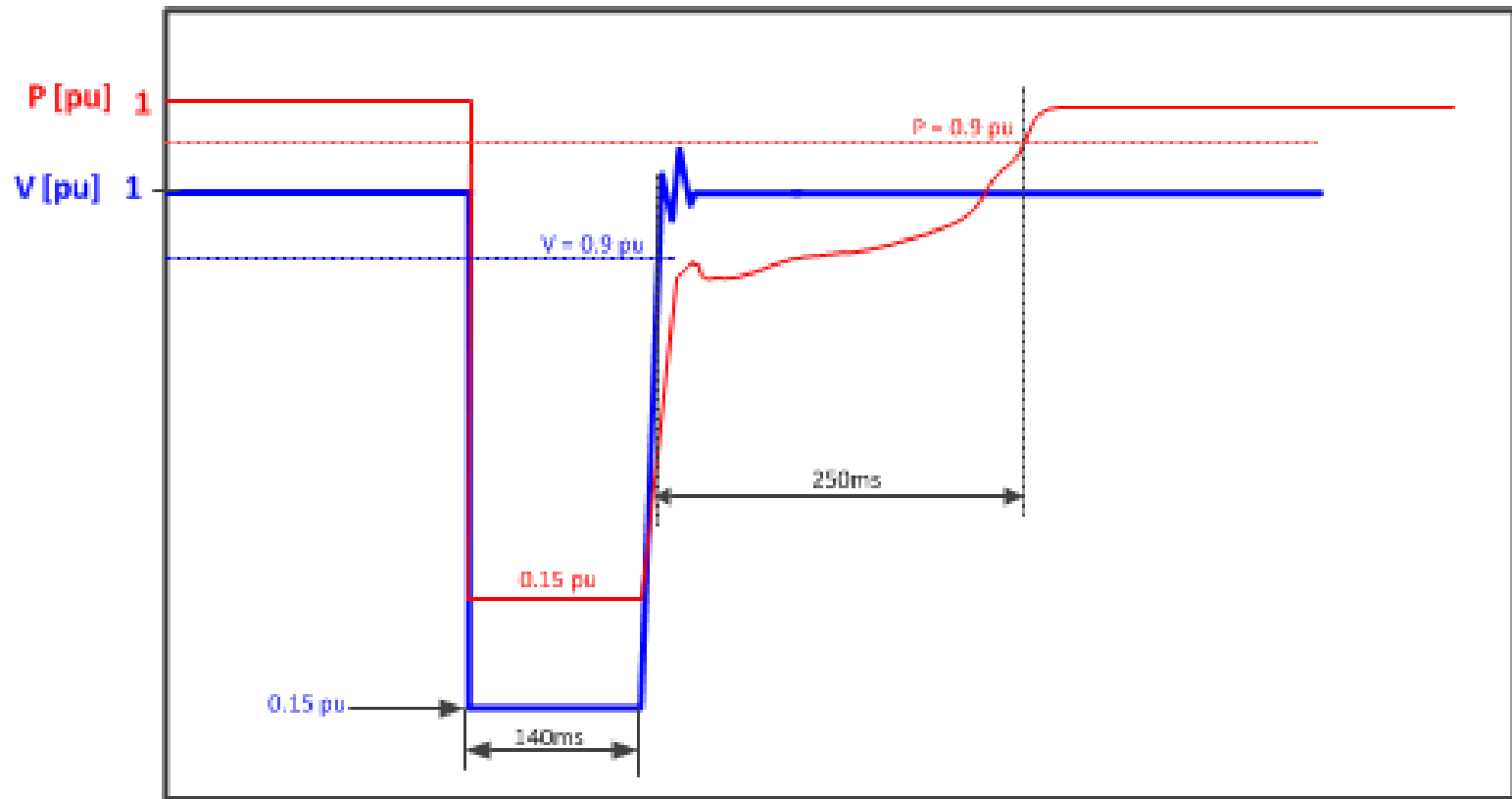
Future procurement of DRR and FPFAPR

- Dynamic Reactive Response (DRR) and Fast Post Fault Active Power Recovery (FPFAPR).
- Two new fast-acting services to manage voltage disturbances.
- New process for Providing Unit to prove itself capable of providing the services.

Dynamic Reactive Response (DRR)



Fast Post-Fault Active Power Recovery (FPFAPR)



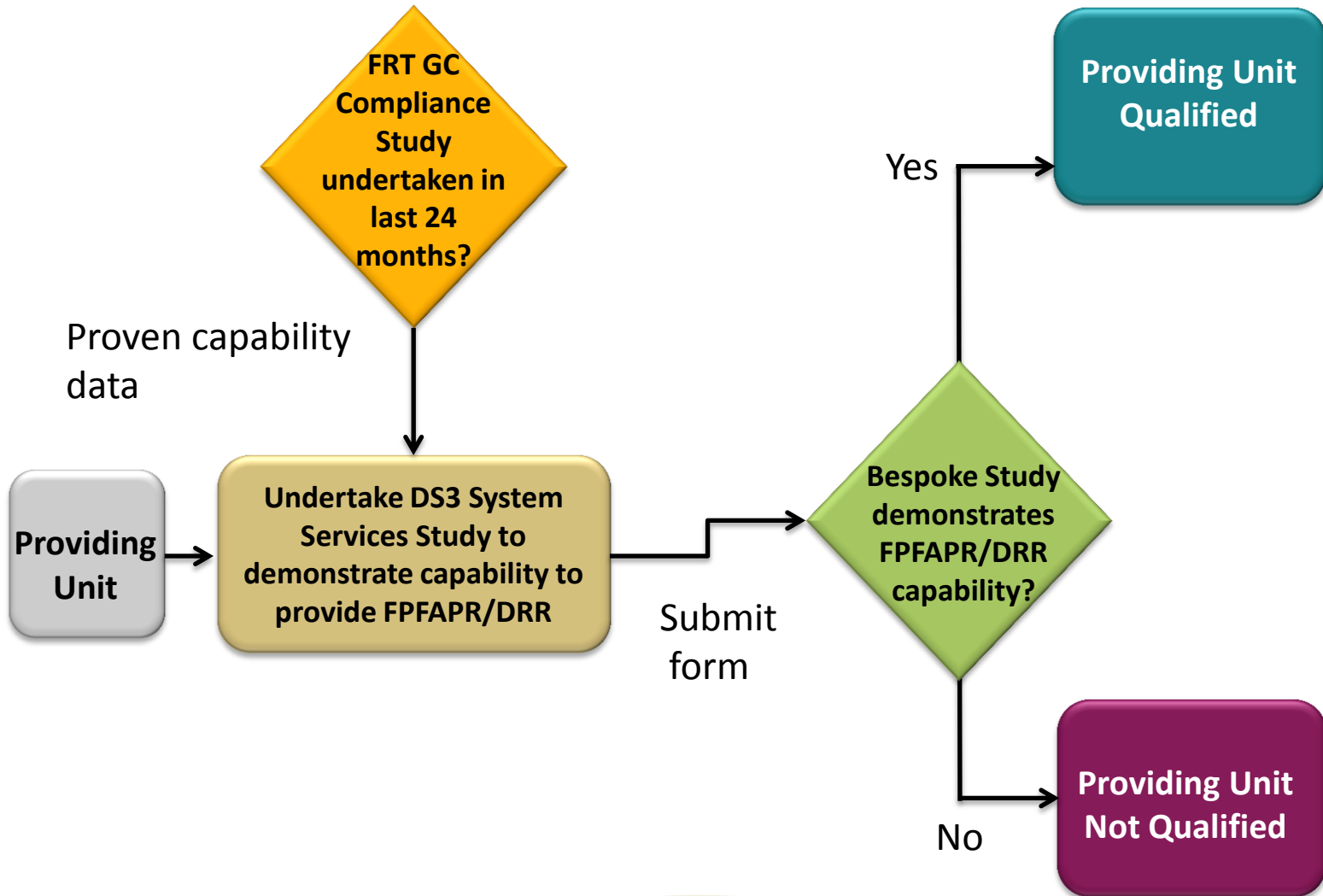
Synchronous Providing Units

- All dispatchable synchronous units will be considered eligible to provide both services.
- No detailed assessment of capability needs to be undertaken.
- For non-dispatchable synchronous units, an OEM statement may be required

Non-Synchronous Providing Units

- Undertake a modelling assessment of its capabilities
- Submit DS3 System Services report demonstrating capability to provide DRR / FPFAPR
- Provide an OEM statement that supports the unit's declared capability to provide DRR / FPFAPR

Proposed Assessment Process for FPFAPR / DRR



DRR/ FPFAPR Capability Process

Providing Unit

Providing Unit
carries out
dynamic study

Step 1

Providing Unit requests MSS data

TSO

TSO provide
Minimum System
Strength (MSS)
data to Providing
Unit/ DSO/DNO
on request

DNO/DSO

Step 2

Provision of MSS data

Step 3

Providing Unit submits report to TSO

The TSO will
review report
and approve the
unit to provide
FPFAPR and DRR.

Approval

Procurement of DRR and FPFAPR

- TSOs aim to publish finalised DS3 System Service template by July 6th.