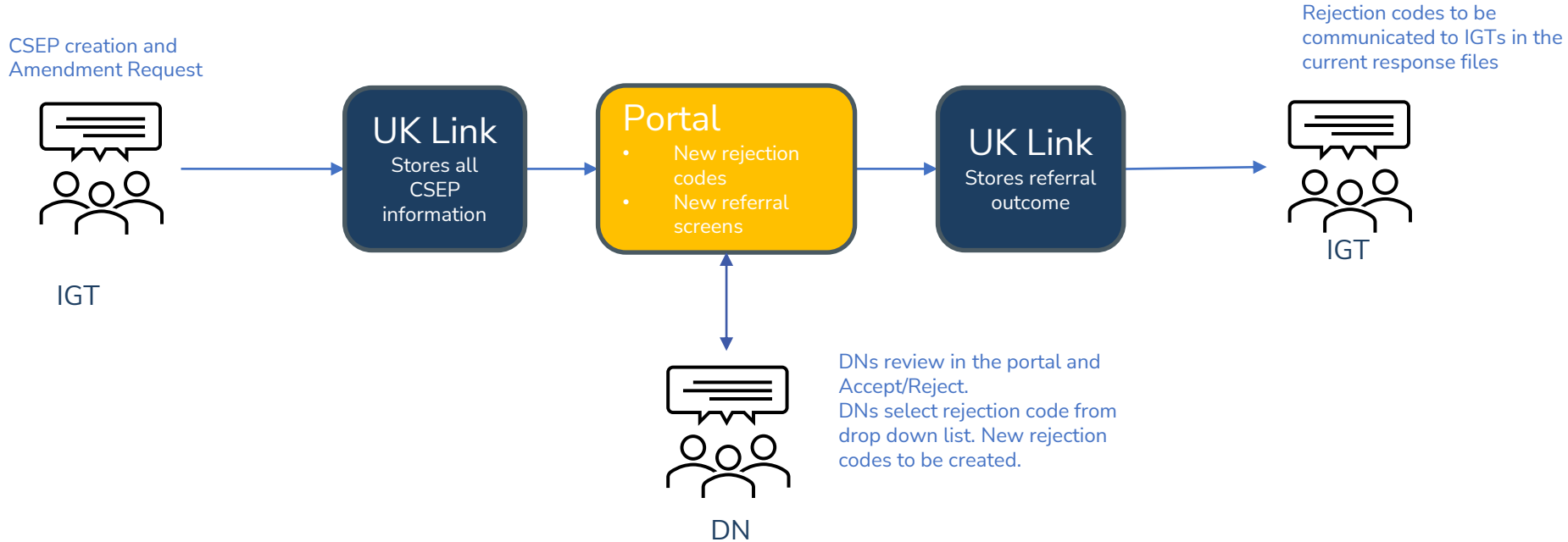# XRN5616a – CSEP Annual Quantity Capacity Management

High Level Solution Options

XRN5616a - Change Summary

- Currently, Distribution Networks (DNs) do not have the appropriate visibility of Independent Gas Transporters (IGT) network expansion, rendering contractual IGT capacity monitory systems ineffective. This can result in low gas pressure issues for Distribution Networks and IGT customers. This can also impact DNs given their responsibility to manage network capacity demands, and the safe operation of the network.

- DN Operators require a mechanism to provide the capability of reviewing the approval or rejection of applications for the creation or amendment of IGT Connected System Exit Points (CSEPs).

- This change will ensure compliance with obligations set out in IGTAD preventing CSEP AQs from being exceeded without the DN Operator being aware.

Solution Overview

CSEP creation and
Amendment Request

UK Link
Stores all
CSEP
information

Portal
- New rejection codes
- New referral screens

UK Link
Stores referral outcome

Rejection codes to be communicated to IGTs in the current response files

IGT

IGT

DN

DNs review in the portal and Accept/Reject.
DNs select rejection code from drop down list. New rejection codes to be created.

Option

#	Description	Systems and process impacts	Cost Estimate Ranges	Option Pros	Option Cons
1	New portal screens	Portal: New screens on the DNO portal. UK Link: New table to store and manage the data. New programs and changes to existing programs New archiving rules New logic and status developments SAP PO: New PO proxy development for the portal screens.	**Delivery:** £340k to £465k	• DNOs given greater control over capacity management • Uses existing DNO Portal to display referrals • No change to IGT process • IGTs and DNOs are kept informed throughout the referral process as set out in the customer requirements.	• More information calls to UK link • Performance could be impacted based on SAP ISU tables

Customer Requirements

Req Id.	As a… (Role)	I want… (Requirement)	So that… (End Result)	How the option will meet the customer requirement
EPIC	Distribution Networks	I want to improve data consistency between the commercial arrangements and the physical capabilities of the network	So that the IGT does not commit to connections where they have not secured enough capacity from us.	
CR1.0	CDSP	I want the ability to place valid CSEP creation/amendments on hold	So that they can reviewed by the appropriate Distribution Network	The Creation and Amendment referrals will be paused until they have either been assessed by DNOs or until the agreed SLA to complete the assessment has passed.
CR1.1	CDSP	I want to notify Distribution Network of a request to create/amend a CSEP	So that the Distribution Network can review the request and provide the appropriate response	Referrals will be sent to DNOs using existing channels
CR2.0	Distribution Networks	I want to be notified of a (CSEP Creation and Amendment) referral	So that the request can be assessed and appropriate checks can be undertaken	DNOs will be informed of requests coming in and access them via the portal
CR2.1	Distribution Networks	I want the ability to accept a referral	So that only accepted/approved CSEP requests are processed in central systems	Referrals can be accepted in the new portal screens
CR2.2	Distribution Networks	I want the ability to reject a referral	So that the data does not progress and the requesting IGT can be informed	Referrals can be rejected in the new portal screens
CR3.0	CDSP	I want to receive Distribution Network referral response	So that appropriate updates and notifications can be actioned	The portal will feed the DNOs response via the system
CR4.0	IGT	I want to be notified of the outcome of the referral	So that I can that I can act upon the response accordingly	Responses will be sent to IGTs using existing channels
CR5.0	CDSP	I want data values used within the validation to be configurable	So that a functional change is not required should these values be changed in the future	The number of business days DNOs will be configurable
CR6.0	CDSP	I want to have process exception handling processes in place	So that any scenarios that occur which cause the *process name(s)* process to fail can be managed with minimal customer impacts	BAU exceptions processes will support this change
CR7.0	CDSP	I want the ability to report on the usage of this process	So that the volume and uptake can be monitored and recommendations made on the value of the service	Data will be reportable, but no new reports are required as part of this change
CR7.1	CDSP	I want a defined query and support request process to be in place	So that if I have any issues I know how to make contact with the CDSP	BAU support processes will support users
CR7.2	Customer	I want all existing functional and process input and output, outside of that specified in the requirements, to be unaffected by changes made to meet these objectives	So that interfaces, not changed to meet the objectives of the change, between external parties and the CDSP are unchanged, reducing the impact on our internal systems and processes	Any impacted processes/systems will be tested as part of the solution.

Assumptions, Dependencies and Risks

Category	Description
Assumptions	• New portal screens will only display the pending requests. Accepted and rejected requests will not be displayed. • There will be no changes to any file format, other than addition of new rejection codes. • Referrals cannot be amended in the portal by either the IGT or the DNO. • Volumes of CSEP creation and amendment requests will remain same post this change. • The Annual EUC update will have no impact to this change. No notifications will be sent to DNOs for the entries created as part of annual EUC revision process. • CSEP Referrals will need to be assessed on an individual basis and there will be no option to accept or reject multiple referrals at once.. • The amendment referral conditions are not defined yet. This will be agreed in the detailed design. • 4 weeks of PT considered. This includes PT for the new portal screen and for the new batch job in UK Link system to check the impact of this to the new batch job. No PT considered for existing CSEP creation and amendment jobs. • No market trials • No notifications will be sent to notify DNOs and IGTs about the CSEP referral submissions. • Referrals mentioned in this change will be initiated post this change go live and will not include any CSEP's that will be inflight over implementation (Pending CSEP creations requests in RQ status and future dated amendment requests). • If a site take over is initiated for the CSEP and there are pending referrals, then those CSEPs need to be excluded from the site takeover process manually by the business. Site takeover cannot be initiated until the referral is resolved.
Risks	R1. There is a risk that for CSEP amendment referral requests will not go live on the IGTs requested effective date. This is due to the DNOs needing several business days to review and assess the requests. To mitigate this, we will need to agree a cut off time for DNOs to assess the referrals (e.g. 3pm). This will allow us to run the program and create or amend the CSEP the following business day. This will allow us to communicate clear guidance to IGTs on the earliest date they should expect the CSEP request will go-live.

Appendix A: Example of Referral Screens TBC in Detailed Design

Portal Home Screen (Screen 1)

CSEP Referrals

Other Option

Other Option

Other Option

Referral display Screen (Screen 2)

LDZ: [All ▼]

Referral Type: Creation [ ]   Amendment [ ]

Search ▶

IGT Reference number	CSEP Site Name	LDZ	CSEP Max AQ	Meter Point Count	Creation/ Amendment
111	CSEP A	EM	1,000,000	100	Creation
222	CSEP B	EA	250,000	25	Amendment
333	CSEP C	WM	100,000	10	Creation

CSEP referral detail Screen (Screen 3)

CSEP A

IGT Reference number	111
CSEP Site Name	CSEP A
LDZ	EM
CSEP Max AQ	1,000,000
Meter Point Count	100
Creation/ Amendment	Creation
Nested CSEP	N
Referral Due date	22/01/2024

Accept

Reject