

# DSC Change Proposal Document

Customers to fill out all of the information in the sections coloured ■

Xoserve to fill out all of the information in the sections coloured ■

## A1: General Details

Change Reference:	XRN5231		
Change Title:	Provision of a FWACV Service		
Date Raised:	27/08/2020		
Sponsor Representative Details:	Organisation :	SGN	
	Name:	Sally Hardman	
	Email:	Sally.Hardman@sgn.co.uk	
	Telephone:	07970 019027	
Xoserve Representative Details:	Name:	Steve Pownall	
	Email:	Steve.pownall@xoserve.com	
	Telephone:	0121 229 2671	
	Business Owner:	New service, to be confirmed	
Change Status:	<input type="checkbox"/> Proposal	<input type="checkbox"/> With DSG	<input type="checkbox"/> Out for Review
	<input type="checkbox"/> Voting	<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Rejected

## A2: Impacted Parties

Customer Class(es):	<input checked="" type="checkbox"/> Shipper	<input checked="" type="checkbox"/> Distribution Network Operator
	<input checked="" type="checkbox"/> NG Transmission	<input type="checkbox"/> IGT
	<input type="checkbox"/> All	<input type="checkbox"/> Other <Please provide details here>
Justification for Customer Class(es) selection	National Grid currently provides a FWACV Calculation service to the Distribution Networks (DNs).	

	The DNs have statutory Gas (Thermal Energy) Regulation and UNC-related <sup>1</sup> obligations to calculate and publish charging zone CV information to Shippers.
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**A3: Proposer Requirements / Final Change**

Change Statement:	<p>National Grid has announced it is to withdraw from providing the Distribution Network Operators (DNs) with the daily LDZ Flow-Weighted Average CV calculation (FWACV) service.</p> <p>As a consequence, the DNs will become responsible for calculating their own daily LDZ FWACVs and, publishing the information to Shippers.</p> <p>The associated 0719R Workgroup has assessed several options that might support the DNs in meeting their FWACV calculation/information provision obligations. The DNs have agreed that Xoserve should take the FWACV calculation role over in its entirety from National Grid. As such, the DNs have requested Xoserve to assess and develop a single option solution.</p>
Change Description:	<p>The DNs will re-route their existing 'FWACV' data flows from National Grid to Xoserve.</p> <p><b>Xoserve will be required to;</b></p> <ul style="list-style-type: none"> <li>• Undertake the daily LDZ FWACV calculation and apply the LDZ Attribution Mapping rules as necessary</li> <li>• Apply LDZ CV Capping Rules when necessary</li> <li>• Use the daily LDZ FWACV to calculate the energy entering the LDZ from the daily volume flow</li> <li>• Apply subsequent daily FWACV updates between D+1 and D+5 closeout</li> <li>• Transfer the Shippers' SC9 file interfaces (IX) from National Grid to Xoserve</li> <li>• Maintain SC9 files in the same format and frequency as currently provided to Shippers</li> <li>• Create the morning and evening SC9 files</li> <li>• Issue the morning and evening SC9 files to Shippers</li> </ul>

<sup>1</sup> \*OAD Section F, TPD Section C and General Terms Section C

- **Note:** Shipper SC9 files do not go through, nor are generated by, Gemini. National Grid generates SC9 files and sends direct to Shippers through the IX interface
- Create a new Gemini screen for DNs to access and/or update the daily LDZ FWACV values as necessary
- Generate and send the Ofgem Monthly FWACV Audit Report
- Generate and send new Monthly FWACV Audit Reports to DNs

**Key working assumptions that have been ratified by the 0719R Workgroup:**

**Xoserve will be required to;**

- provide similar service levels to those of National Grid i.e. 7 days per week
- fulfil an 'operational' role when there is missing/inaccurate data e.g. 'Loss of Record', 'Not Attributable';
- liaise with DNs' FWACV operational/ technical teams to resolve data issues
- hold/archive historic data for 7 years
- maintain the existing Service Level Agreements for the processing and publication of outputs (reports, data values, updates)

**The DNs will;**

- Review, manage and maintain the LDZ Attribution Mapping process, rules and data values; Xoserve will reference the LDZ Attribution Mapping values that will be applied in the FWACV calculations

**National Grid business requirements:**

These have yet to be determined but are likely to include:

- Xoserve to send daily LDZ FWACV, flow and energy data to National Grid for Gemini/MIPI updates
- Xoserve to send the daily calculated energy for each NTS-DN Exit Offtake; calculated using the Offtake's own CV rather than the LDZ FWACV

**Other considerations:**

- The DNs have provided business rules for the FWACV calculations; these are provided with this change proposal
- A National Grid summary overview of the FWACV process flow is attached to this change proposal

**Supporting Information:**

**FWACV Process Overview and calculation(s)**



NG FWACV Process Summary v2.pdf



FWACV Process Details WWU.pdf

**Attribution Mapping Overview and DNs LDZ tables**



FWACV services transition - Attribution



FWACV Attribution Mappings - NGN.xlsx



FWACV Attribution Mappings - WWU.xlsx



FWACV Attribution Mappings - SGN.xlsx



FWACV Attribution Mappings - Cadent G

**Miscellaneous**



Ofgem Monthly FWACV Audit Specific



SC9 File Format Specification.pdf



PRCMS\_Interface\_Specification.pdf

Proposed Release:

Release: Feb/Jun/Nov XX or Adhoc DD/MM/YYYY

10 Working Days

15 Working Days

Proposed Consultation Period:	<input type="checkbox"/> 20 Working Days	<input type="checkbox"/> Other [Specify Here]
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#### A4: Benefits and Justification

Benefit Description:	National Grid (NG) currently provides LDZ FWACV data to Shippers on behalf of the DNs however, NG is withdrawing this service. The DNs will continue to have statutory obligations to provide Shippers with daily LDZ FWACV information.
	<i>What, if any, are the tangible benefits of introducing this change? What, if any, are the intangible benefits of introducing this change?</i>
Benefit Realisation:	Benefits will be immediate upon the DNs utilising the revised FWACV Service arrangements. There is an expectation the solution will be a candidate for delivery in November 2021 Major Release although it could be delivered on an ad-hoc, standalone basis
	<i>When are the benefits of the change likely to be realised?</i>
Benefit Dependencies:	To be confirmed but likely dependency on National Grid and DNs' systems/process changes
	<i>Please detail any dependencies that would be outside the scope of the change, this could be reliance on another delivery, reliance on some other event that the projects has not got direct control of.</i>

#### A5: Final Delivery Sub-Group (DSG) Recommendations – Removed

(see Section C for DSG recommendations)

#### A6: Service Lines and Funding

Service Line(s) Impacted - New or existing	To be confirmed
Level of Impact	Major
If None please give justification	
Impacts on UK Link Manual/ Data Permissions Matrix	To be confirmed
Level of Impact	Major

If None please give justification			
Funding Classes :	Customer Classes/ Funding	Delivery of Change	On-going Budget Amendment
	<input type="checkbox"/> Shipper	XX %	XX %
	<input checked="" type="checkbox"/> National Grid Transmission	XX %	XX %
	<input checked="" type="checkbox"/> Distribution Network Operator	XX %	XX %
	<input type="checkbox"/> IGT	XX %	XX %
	<input type="checkbox"/> Other <please specify>	XX %	XX %
ROM or funding details:	<p>A 'ROM' has previously been provided to the 0719R Workgroup (<b>ex Option 1</b>) and are subject to further detailed cost assessment:</p> <ul style="list-style-type: none"> <li>• Development: Within a range of £200k-£600k</li> <li>• Ongoing Support: Within a range of £75k-£200k (resource, maintenance, etc)</li> <li>• Delivery Timescale: detailed analysis: 6-8 weeks, development: 6-12 months</li> <li>• Implementation subject to DSC governance and planned delivery release programme</li> </ul>		
Funding Comments:			

### A7: ChMC Recommendation

Change Status:	<input checked="" type="checkbox"/> Approve	<input type="checkbox"/> Reject	<input type="checkbox"/> Defer
DSC Consultation Issue:	<input type="checkbox"/> Yes		<input checked="" type="checkbox"/> No

### A8: ChMC Recommendation – Solution Review

Change Status:	<input checked="" type="checkbox"/> Approve	<input type="checkbox"/> Reject	<input type="checkbox"/> Defer
	<input checked="" type="checkbox"/> 10 Working Days		<input type="checkbox"/> 15 Working Days

Industry Consultation:	<input type="checkbox"/> 20 Working Days	<input type="checkbox"/> Other [Specify Here]
DSC Consultation Issue:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Date Issued:	16/08/2021	
Comms Ref(s):	2878.5 - MT - PO	
Number of Responses:	3 approval representations	
Solution Voting:	<input checked="" type="checkbox"/> Shipper	Approve
	<input checked="" type="checkbox"/> National Grid Transmission	Approve
	<input checked="" type="checkbox"/> Distribution Network Operator	Approve
	<input type="checkbox"/> IGT	Please select.
Meeting Date:	08/09/2021	
Release Date:	Standalone release proposed April 22	

### A9: ChMC Recommendation – Detailed Design

Change Status:	<input checked="" type="checkbox"/> Approve	<input type="checkbox"/> Reject	<input type="checkbox"/> Defer
Industry Consultation:	<input checked="" type="checkbox"/> 10 Working Days	<input type="checkbox"/> 15 Working Days	
	<input type="checkbox"/> 20 Working Days	<input type="checkbox"/> Other [Specify Here]	
DSC Consultation Issue:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Date Issued:	18/10/2021		
Comms Ref(s):	2918.2 - MT - PO		
Number of Responses:	3 approvals, 1 approval with comments and 1 rejection		
Solution Voting:	<input checked="" type="checkbox"/> Shipper	Approve	
	<input checked="" type="checkbox"/> National Grid Transmission	Approve	
	<input checked="" type="checkbox"/> Distribution Network Operator	Approve	
	<input type="checkbox"/> IGT	Please select.	

Meeting Date:	10/11/2021
Release Date:	Release: Proposed march/April 22

