

# 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:	XRN5810		
Change Title:	Theft of Gas (ToG) DN Calculation Tool		
Date Raised:	05/07/2024		
Sponsor Representative Details:	Organisation:	Cadent	
	Name:	Andy Clasper	
	Email:	<a href="mailto:Andy.clasper@cadentgas.com">Andy.clasper@cadentgas.com</a>	
	Telephone:		
Xoserve Representative Details:	Name:	Paul Orsler	
	Email:	<a href="mailto:Paul.orsler@xoserve.com">Paul.orsler@xoserve.com</a>	
	Telephone:		
	Business Owner:		
Change Status:	<input checked="" type="checkbox"/> Proposal	<input type="checkbox"/> With DSG	<input type="checkbox"/> Out for Review
	<input type="checkbox"/> Voting	<input type="checkbox"/> Approved	<input type="checkbox"/> Rejected

## A2: Impacted Parties

Customer Class(es):	<input type="checkbox"/> Shipper	<input checked="" type="checkbox"/> Distribution Network Operator
	<input 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	The Theft of Gas (ToG) calculator is a tool used by DNs to derive end consumer charges relating to confirmed instances of gas theft.	

## A3: Proposer Requirements / Final (redlined) Change

Problem Statement:	The existing ToG calculator was created 10+ years ago & is no longer fit for purpose. Although some of the calculations/formulas are still applicable, the tool does not contain any version control, audit of any changes, formal documentation etc. If a consumer challenges the DN charges calculated using the tool, a clear &
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	<p>robust justification &amp; methodology of supporting information is required to be provided by the DN.</p> <p>The tool is used to calculate charges to end consumers for a confirmed theft of gas that the DN have investigated and identified.</p> <p>Although some of the features and formulas in the existing tool are still required, changes are required &amp; new features need to be added to ensure the tool delivers the required service to DNs going forward.</p>
<p>Change Description:</p>	<p>In order to improve the service and meet DNs needs, the following changes have been captured to the ToG calculation tool:</p> <ul style="list-style-type: none"> <li>- Fully documented &amp; maintained by Xoserve with a joint DN/Xoserve review to take place annually</li> <li>- Version controlled &amp; any changes tracked</li> <li>- Flexible to allow changes in rates by effective date</li> <li>- Flexibility on the values entered so the tool will calculate consumption based on a set of values</li> <li>• The tool must include:             <ul style="list-style-type: none"> <li>- Estimated start date of the theft</li> <li>- Estimated end date of the theft</li> <li>- Estimated consumption based on meter readings or AQ for the meter point</li> </ul> </li> </ul> <p><b><u>Standing Charges, Tariffs and Unit Rates</u></b></p> <p>The addition of standing charges to be included &amp; maintained (audit trail of the standing charge rate and effective to &amp; from dates must also be held).</p> <p>Standing charge can be gleaned from Ofgem price cap data so historical Standing Charges to be input into the Calculation tool. Standing charge to be able to be selected on or off.</p> <p>Additional tariffs to be included which may be Ofgem Price Cap and highest monthly tariff identified on a price comparison website. The highest tariff may only be valid for commercial properties while the price cap for domestic remains in operation. The additional tariffs will then be saved within the Calculation tool for use in subsequent months/years. Additional tariffs to be able to be selectable so that DNs can chose which tariff to apply.</p> <p>In addition, different unit rates haven't been applied since 2014. Consideration should be given to removing these or alternatively</p>

	<p>including a single rate post 2014 – at the moment there remains a Tier 2 field which is left blank.</p> <p><b>Formulas and Calculation Logic</b></p> <p>DNs have also identified anomalies with the formulas that exist within the Calculation tool. When designing the new tool, CDSP should look to improve the formulas by designing them ‘to-be’, rather than trying to adapt the existing ‘as-is’ logic.</p> <p>DNs request a function to calculate AQs from provided meter reads within the Calculation tool. This will require annual CV numbers provided by the DN to be input and saved annually.</p> <p>There is also a requirement to ensure that any calculated volume of gas used by meter reads has considered the appropriate conversion factor, as specified in the thermal energy regs.</p> <p>Finally, VAT rates included within the calculation tool also requires review to ensure it remains accurate.</p>	
Proposed Release:	Adhoc	
Proposed Consultation Period:	<input type="checkbox"/> 10 Working Days	<input type="checkbox"/> 15 Working Days
	<input type="checkbox"/> 20 Working Days	<input type="checkbox"/> Other [Specify Here]

#### A4: Benefits and Justification

Benefit Description:	Improved CDSP Theft of Gas services provided to DN customers Greater control and auditability of calculated end consumer theft of gas charges
	<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:	Immediately upon delivery
	<i>When are the benefits of the change likely to be realised?</i>
Benefit Dependencies:	None identified at this stage
	<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			
Level of Impact	Major/ Minor/ Unclear/ None		
If None please give justification			
Impacts on UK Link Manual/ Data Permissions Matrix			
Level of Impact	Major/ Minor/ Unclear/ None		
If None please give justification			
Funding Classes :	Customer Classes/ Funding	Delivery of Change	On-going Budget Amendment
	<input type="checkbox"/> Shipper	XX %	XX %
	<input type="checkbox"/> National Gas Transmission	XX %	XX %
	<input checked="" type="checkbox"/> Distribution Network Operator	100%	100 %
	<input type="checkbox"/> IGT	XX %	XX %
	<input type="checkbox"/> Other <please specify>	XX %	XX %
ROM or funding details:	N/A		
Funding Comments:			

Please send the completed forms to: [uklink@xserve.com](mailto:uklink@xserve.com)

# Version Control

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## Document

Version	Status	Date	Author(s)	Remarks
1.0	Approved	05/07/24	P.Orsler	Baselined for publication