

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:	XRN5584		
Change Title:	Procurement of Climate Change Methodology for Demand Estimation Purposes		
Date Raised:	02/11/2022		
Sponsor Representative Details:	Organisation:	Xoserve	
	Name:	Paul Orsler	
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Xoserve Representative Details:	Name:	Mark Perry	
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	Telephone:	n/a	
	Business Owner:	n/a	
Change Status:	<input type="checkbox"/> Proposal	<input checked="" 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 checked="" 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 <Supplier, CDSP>
Justification for Customer Class(es) selection	Service Area 5 – Demand Estimation Obligations – co-funded and co-benefitting to both parties highlighted	

A3: Proposer Requirements / Final (redlined) Change

Problem Statement:	<p>Under the Uniform Network Code (UNC), the Demand Estimation Sub Committee (DESC) are responsible for reviewing the Composite Weather Variable (CWV) and the Seasonal Normal equivalent, which is often referred to as the SNCWV.</p> <p>Reviews of the CWV formula and Seasonal Normal basis are ordinarily carried out by DESC every 5 years – this is due to the time taken to perform the review and the need for stability.</p>
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	<p>The next Seasonal Normal basis is scheduled to take effect from 1st October 2025.</p> <p>DESC have the option of using a ‘Climate Change Methodology’ (CCM) to adjust historical weather data when deriving the Seasonal Normal basis. In 2012, following a tender process, DESC procured a Climate Change Methodology (CCM) document and associated datasets from the Met Office. The datasets included 10 years of forecast temperature increments (based on the Climate Change Methodology) up to and including September 2025, meaning no data exists for the new Seasonal Normal effective period.</p> <p>Given the impacts of climate change on the average temperature across Great Britain, where we have experienced eight of ten warmest Gas Years in CWV history have been experienced since 2000/01, with six of those years occurring since Gas Year 2013/14, DESC have endorsed that an updated Climate Change Methodology be used to support derivation of Seasonal Normal basis that comes into effect from 1st October 2025.</p> <p>In order to support this, Xserve will need to procure a new Climate Change Methodology, associated datasets and expertise from a recognised weather data specialist organisation.</p>
<p>Change Description:</p>	<p>Procurement of a new Climate Change Methodology which enables CDSP to gain the following capabilities;</p> <p>Capability to reflect climate change information more accurately into the derivation of Seasonal Normal Basis – allowing for a more reflected dataset to be used in a host of downstream processes.</p> <p>These processes include but are not limited to the following;</p> <ul style="list-style-type: none"> • NDM Allocation • Peak Day demand estimation • Annual Quantity processes • Reconciliation <p>CDSP will achieve the above by working with specialist Climate Change expert to help with obtaining the relevant datasets and use their expertise, in conjunction with the Demand Estimation Sub Committee, to develop and deliver a new Climate Change Methodology.</p>
<p>Proposed Release:</p>	<p>Adhoc Release</p> <p>Procurement to be in place by mid-2023 – in readiness for the development of a new Climate Change Methodology and associated datasets by mid-2024 which will allow the production of new SNCWV values by end of 2024, all in readiness for developing profiles by mid-2025 that will take effect from 1st October 2025</p>
	<p><input type="checkbox"/> 10 Working Days <input type="checkbox"/> 15 Working Days</p>

Proposed Consultation Period:	<input type="checkbox"/> 20 Working Days	<input checked="" type="checkbox"/> Other [Not Applicable]
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A4: Benefits and Justification

Benefit Description:	<p>Benefits to all associated processes of having an up to date and accurate Climate Change Methodology which will be used to support the derivation of Seasonal Normal basis.</p> <p>In turn this should improve the accuracy of the values being calculated, using up to date weather data as part of the process.</p> <p><i>What, if any, are the tangible benefits of introducing this change? What, if any, are the intangible benefits of introducing this change?</i></p>
Benefit Realisation:	<p>Benefits will begin to be realised following the successful appointment of the Climate Change expert, and will ultimately be realised following the definition of a new Climate Change Methodology.</p> <p><i>When are the benefits of the change likely to be realised?</i></p>
Benefit Dependencies:	<p>N/A</p> <p><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></p>

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	Service Area 5 – Demand Estimation Obligations		
Level of Impact	Low – existing service line in Service Description Table		
If None please give justification			
Impacts on UK Link Manual/ Data Permissions Matrix	N/A		
Level of Impact			
If None please give justification			
Funding Classes :	Customer Classes/ Funding	Delivery of Change	On-going Budget Amendment
	<input checked="" type="checkbox"/> Shipper	50 %	0 %
	<input type="checkbox"/> National Grid Transmission	0 %	0 %
	<input checked="" type="checkbox"/> Distribution Network Operator	50 %	0 %
	<input type="checkbox"/> IGT	0 %	TBC

	<input type="checkbox"/> Other <please specify>	0 %	0 %
ROM or funding details:	N/A		
Funding Comments:	As per DSC Budget and Charging Methodology		

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	
Meeting Date:	09/11/2022		

Please send the completed forms to: uklink@xserve.com

Version Control

Document

Version	Status	Date	Author(s)	Remarks
1.0	Approved	03/11/22	P.Orsler	Baselined ahead of Nov22 ChMC
2.0	With DSG	14/11/22	Kate Lancaster	Updated with ChMC outcome from the meeting on 9th November 22