

SSEN Distribution - Draft Determination EJP Response						
Name of Scheme	Keith 33kV Circuits					
Primary Investment Driver	Load – Thermal					
Scheme reference	72/SHEPD/LRE/KEITH					
Reporting Table	CV1: Primary Reinforcement					
Ofgem EJP Comments	<p>The need is for reinforcement on Keith GSP's 33kV circuits due to predicted load growth. Reinforcement of Keith 303 and 304 is proposed in 2027 and 2028 with temporary reinforcement in 2023/24.</p> <p>Investment for Keith 307 is proposed for 2023/24 and is considered justified. We agree with the investment for Keith 307, however, we consider that there is a risk related to the demand outturn for Keith 330 and 304. We therefore consider the EJP to be partially justified.</p>					
	Final Business Plan Submission			Latest Position (July 2022)		
Need Case	Overloading of 33kV circuits connected to Keith GSP.			Overloading of 33kV circuits connected to Keith GSP.		
Demand Forecasts	See attached.			See attached.		
Connections	Contracted demand is included within DFES forecasts.			1.359MVA contracted at Buckie S/S 2MVA contracted directly to 303		
Stakeholder Impact	Developments of Moray LA are included in DFES forecasts.			No additional stakeholder input since Final BP submission.		
Preferred Option	Option 2 for all circuits.			Option 2 for all circuits.		
Output reference/type	33kV OHL (Pole Line) Conductor (km) 33kV Pole 33kV OHL (Increase Temp) (km)			33kV OHL (Pole Line) Conductor (km) 33kV Pole 33kV OHL (Increase Temp) (km)		
Cost	£5.58m			£5.58m		
Delivery year	2023/24 & 2027/28			2023/24 & 2027/28		
Outputs included in RIIO ED1 Business Plan	No			No		
Spend apportionment £m	ED1	ED2	ED3+	ED1	ED2	ED3+
	0	£5.58m	0	0	£5.58m	0
Deliverability & Risk	Potential delivery before 2027/28 depending on load growth and flexibility costs.					
Summary	<p>Ofgem has assessed the scheme to be 'partially justified' due to the risk associated demand outturn.</p> <p>The monitored demand on the three primary substations fed by the Keith 303 and 304 33kV circuits is increasing faster than the forecast ST and CT scenarios and there is an additional 3.4MVA contracted to connect. There are also 412 customers on RTS connected to these circuits. Removing switching restrictions is likely to contribute to further demand growth.</p> <p>Demand in the area is on track to meet or exceed that of the forecast demand in the original EJP for this investment. We do not seek additional funding to secure more flexibility at this stage, however if demand continues to grow quicker than DFES forecasts, SSEN may need to deploy flexibility earlier than anticipated and then reinforce earlier than 2027/28 to avoid potential overload.</p> <p>We request that Ofgem re-considers its assessment of this scheme with a view to supporting its full justification for inclusion in our ED2 Business Plan</p>					

Relevant Attachements	72-SHEPD-LRE-KEITH – Actuals and Forecasts.xlsx
------------------------------	---