

## What

Lead Network	Project Name	Project Ref
SPEN	THOR Hammer	NIA_SPEN_0039
SPEN	Network Constraint Early Warning System 2	NIA_SPEN_034
SPEN	Active Fault Level Management	NIA_SPEN0014
SPEN	Weather Normalised demand Analytics	NIA_SPEN0022
SSEN	Thermal imaging Observation techniques for	NIA_SSEPD_0021
UKPN	Development of Oil-filled Cable Additive- Phase 2	NIA_UKPN0030







	Who	Cost Be
Portal Link	Contact	CBA type
<a href="https://www.smarternetw">https://www.smarternetw</a>	<a href="mailto:spinnovation@spenergynet">spinnovation@spenergynet</a>	Asset based assessment
<a href="https://www.smarternetw">https://www.smarternetw</a>	<a href="mailto:spinnovation@spenergynet">spinnovation@spenergynet</a>	Operational improvements asesment
<a href="https://www.smarternetw">https://www.smarternetw</a>	<a href="mailto:spinnovation@spenergynet">spinnovation@spenergynet</a>	Asset based assessment
<a href="https://www.smarternetw">https://www.smarternetw</a>	<a href="mailto:spinnovation@spenergynet">spinnovation@spenergynet</a>	Asset based assessment
<a href="https://www.smarternetw">https://www.smarternetw</a>	<a href="mailto:peter.papasotiriou@ukpow">peter.papasotiriou@ukpow</a>	Operational improvements asesment
<a href="https://www.smarternetw">https://www.smarternetw</a>	<a href="mailto:peter.papasotiriou@ukpow">peter.papasotiriou@ukpow</a>	Asset based assessment









## Benefit Analysis(CBA) results

Forecast CBA net benefit per unit of deployment	Unit of deployment per solution	Safety
£250	Number of poles	Yes
£100,000	Number of FTE	
£2,000,000	Number of deployments	
£600,000	Per annum	
£100	Number of faults	
£878,555	Number of deployments	







**Benefit Category**

Customer vulnerability	Increase network capacity/optimize utilisation	improve network performance	Improve asset lifecycle management
		Yes	Yes
	Yes		
	Yes		Yes
	Yes		Yes
		Yes	
			Yes









Improve vegetation management	Improve environmental impact	Improve connection performance	Theme	Project status
	Yes		Optimised	Complete
		Yes	Net zero and	Complete
			Net zero and	Complete
			Optimised	Complete
			Optimised	Complete
	Yes		Optimised	Complete







**ENW**

Date Added	Year added	Month added	Status	Last Updated Date
01/10/2018	2018	10	3. No Benefit	07/04/2020
01/10/2018	2018	10	3. No Benefit	26/03/2020
01/10/2018	2018	10	3. No Benefit	07/04/2020
01/10/2018	2018	10	3. No Benefit	07/04/2020
01/10/2018	2018	10	3. No Benefit	07/04/2020
01/10/2018	2018	10	3. No Benefit	07/04/2020









**NPG**

ENW Benefit Realised Benefit	Status	Last Updated Date
£0		
£0		
£0		
£0		
£0		
£0		







## SPEN

NPG Benefit Realised Benefit	Status	Last Updated Date
	1. Evaluating	08/04/2020
	3. No Benefit	08/04/2020
	1. Evaluating	08/04/2020
	1. Evaluating	08/04/2020
	3. No Benefit	08/04/2020
	1. Evaluating	08/04/2020









## SSEN

SPEN Benefit Realised Benefit	Status	Last Updated Date
	2. Implemented	
	2. Implemented	
	3. No Benefit	
	3. No Benefit	
	3. No Benefit	
	3. No Benefit	







## UKPN

SSEN Benefit Realised Benefit	Status	Last Updated Date
#REF!	3. No Benefit	11/05/2020
#REF!	1. Evaluating	11/05/2020
	1. Evaluating	11/05/2020
	1. Evaluating	11/05/2020
	1. Evaluating	11/05/2020
	3. No Benefit	11/05/2020









## WPD

UKPN Benefit Realised Benefit	Status	Last Updated Date
	3. No Benefit	11/05/2020
	1. Evaluating	11/05/2020
	1. Evaluating	11/05/2020
	1. Evaluating	11/05/2020
	1. Evaluating	11/05/2020
	3. No Benefit	11/05/2020







WPD Benefit
Realised Benefit





