

SP Energy Networks - SROI Summary

SEI 2019/20

Initiative Name	SROI Value <small>(net benefit per £ spent)</small>	Benefits Modelled	Benefit Value	Sources of Proxies Used
Dumfries and Galloway Hub	Y1: £2.14 Y5: £5.00 Y10: £9.22	Increase in human wellbeing (S) Re-engineer the existing network to become smarter/more flexible (S) Access to network information to enable customers to assess options to participate in a 'smart' network (S) Educate school children(S) Support domestic customers and wider communities to increase their resilience and ability to cope during power cuts by delivering proactive advice and support materials. (S) Educate the general public on how to stay safe around electricity via a range of initiatives . (S) Engage local stakeholders to explain local investment plans to aid their future planning (S) Develop initiatives to reduce the environmental impact of Network company activities. (S)	£2.06 m over 10 years £6.4k over 10 years £3.3k over 10 years £3.1k over 10 years £4.5k over 10 years £2.3k over 10 years £1.5k over 10 years £3.4k over 10 years	WTP - Accent Research 2019 WTP - Accent Research 2019 WTP - Accent Research 2019 WTP - Accent Research 2019 WTP - Accent Research 2019 WTP - Accent Research 2019 WTP - Accent Research 2019 WTP - Accent Research 2019
Pre Application Customer Engagement Form (PACE)	Y1: £2.06 Y5: £4.06 Y10: £4.06	Access to network information to enable customers to assess options to participate in a 'smart' network (S) Make it easier for customers to connect distributed generation to the distribution networks (S) Re-engineer the existing network to become smarter/more flexible (S) Provide customers with access to information quickly and easily, in a range of formats to suit their preferences. (S) Use innovative technology to enable customers with a range of communication needs to contact easily and effectively. (S)	£670 over 2 years £580 over 2 years £1.3k over 2 years £1.2k over 2 years £410 over 2 years	WTP - Accent Research 2019 WTP - Accent Research 2019 WTP - Accent Research 2019 WTP - Accent Research 2019 WTP - Accent Research 2019
PowerPaired	Y1: £9.44 Y5: £8.83 Y10: £8.83	Engage with a range of community energy schemes looking to connect localised, small-scale renewable energy onto the electricity network.(S) Help organisations (e.g. small businesses) to become more resilient to power cuts by offering advice and support.(S) Develop initiatives to reduce the environmental impact of Network company activities (S)	£600 over 5 years £195 over 5 years £225k over 5 years	WTP - Accent Research 2019 WTP - Accent Research 2019 WTP - Accent Research 2019
Project Phoenix	Y1: £11.51 Y5: £11.28 Y10: £10.54	investing in large scale innovation projects (S) Re-engineer the existing network to become smarter/more flexible Engage local stakeholders to explain local investment plans to aid their future planning (S) Develop future energy scenarios and forecasting to aid long term planning of networks in the face of uncertainty. (S) For SPEN once Hybrid- Synchronous Condenser is connected (F)	£105m over 10 years £67.4m over 10 years £11.2m over 10 years £14.2m over 10 years £13.6m over 8 years	WTP - Accent Research 2019 WTP - Accent Research 2019 WTP - Accent Research 2019 WTP - Accent Research 2019 Project Phoenix NIC submission
CTG	Y1: £19.00 Y5: £88.00 Y10: £161.00	Cost of public transport (F) Cost of private transport (F) Petrol savings (F) Reduced social isolation (S)	£51.3m over 10 years £41.8m over 10 years £1.4m over 10 years £76.5m over 10 years	https://www.firstgroup.com/greater-glasgow/tickets/ticket-prices https://www.statista.com/statistics/682740/passenger-transport-service-in-the-united-kingdom-uk-by-age/ https://www.nidirect.gov.uk/articles/taxi-fares https://www.commercialfleet.org/tools/van/diesel-cost-calculator/?FuelType=0&PencePerLitre=122.01&Mileage=200000&ManufacturerId=67&ModelGroupId=542&DerivativeId=97004 http://www.lse.ac.uk/business-and-consultancy/consulting/assets/documents/making-the-economic-case-for-investing-in-actions-to-prevent-and-or-tackle-loneliness-a-systematic-review.pdf

		Carbon savings (S)	£7.4k over 10 years	https://markets.businessinsider.com/commodities/co2-european-emission-allowances
Warmworks	Y1: £1.00	Reduced energy bills (F)	£469.8k over 15 years	https://www.moneyadviceservice.org.uk/blog/what-is-the-average-cost-of-utility-bills-per-month
	Y5: £2.00	Battery storage unit avoided cost (F)	£1.29m over 1 year	https://www.tesla.com/en_GB/powerwall
	Y10: £3.00	Switching advice (F)	£609.3k over 15 years	Citrus Energy 2020
	Y15: £4.00	Job creation (F)	£733.2k over 5 years	Office of National Statistics
		Having a better idea of rights and entitlements (S)	£215.1k over 15 years	SROI of Lemon Aid Fuel Poverty Initiative
		Reduced healthcare costs (S)	£1.8m over 15 years	
		Engaging with community energy schemes (S)	£5.8k over 15 years	Accent WTP Research
		Carbon savings (S)	£24.9k over 15 years	https://markets.businessinsider.com/commodities/co2-european-emission-allowances
		Environmental impact of network activities (S)	£7.2k over 15 years	Accent WTP Research

(F) = Financial Benefits

(S) = Social Benefits