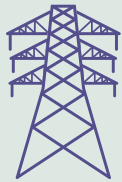
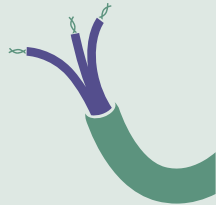


# Our progress to date



## Visual Amenity

- We're creating pioneering partnerships with environmental stakeholders to identify undergrounding schemes
- Pledging £7.6m in our business plan to remove 55km of overhead lines in National Parks and AONBs
- Managing 91,000km of overhead lines



## Fluid Filled Cables

- We're instigating innovative methods for spotting leaks and monitoring cable fluid levels
- Repairing or replacing leaking cables quickly
- Reducing fluid filled cable use by 13%
- Reducing the oil used to top up cables by 60%
- Completing 23 oil mitigation schemes



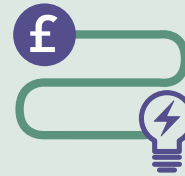
## Carbon Footprint

- We're reducing our carbon footprint by 5% over the RIIO business plan period
- Reporting annually on our progress
- Reducing fleet emissions by using greener fuel alternatives
- Reducing energy use at offices and depots by 5% over RIIO
- Establishing BREEAM environmental endorsement for all new and modernised buildings



## SF<sub>6</sub>

- We're achieving an annual SF<sub>6</sub> leakage of under 1%
- Committing to a SF<sub>6</sub> leakage reduction of 17% over RIIO
- Investing in infrared equipment that spots leaks early
- Actively exploring alternatives for SF<sub>6</sub>



## Losses

- We're designing research-backed strategy to measure and reduce network losses
- Working with partners to share best practice
- Adopting more efficient cable and transformer equipment
- Cutting losses by 29% in the last year when compared with 2012/13



**WE'RE DESIGNING RESEARCH-BACKED STRATEGY  
TO MEASURE AND REDUCE NETWORK LOSSES**

# Our progress to date



## Progress

- We're managing and recycling waste effectively to avoid landfill disposal – with a 12% reduction (equal to over 1,600 tonnes of waste) since 2012/13
- Pledging a 5% annual reduction in waste to landfill for the final six years of RIIO. This follows a 20% per annum reduction over the first two years of the business plan
- Building bunds around key operational sites to protect water courses and ensuring key sites are Environmental Permit assessed
- Providing staff with a range of information to make them environmentally aware, including quarterly key performance indicators (KPIs)
- Adopting waste management (WAMITAB) competency testing for over 50 key staff
- Extending our ISO14001(2004) certificate for environmental management systems to include all business operations
- Supporting community groups whose activities promote environmental awareness and care
- Working with partners to study climate change and the impact of weather on our equipment and operations
- Enlisting experts to ensure protected wildlife habitats remain unaffected by our operational duties



## Innovation

- We're adopting low carbon technologies with a focus on PV, storage and electric vehicles
- Providing nationally-adopted innovative solutions that enable generators to connect to congested networks
- Exploring the flexibility available from both power generation and demand as we develop as a Distribution System Operator (DSO)
- Using innovation projects to influence our day-to-day operational activity
- Focusing our annually updated Innovation Strategy on working smarter and more cost effectively while remaining environmentally astute



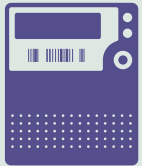
## Innovation Into Business As Usual

- We're rolling out innovative processes and techniques which provide immediate customer and business benefit
- Developing independently audited systems to enable data to pass securely between ourselves and the Data & Communications Company (DCC) – a pre-requisite for widespread smart meter roll-out



**PLEDGING A 5% ANNUAL REDUCTION IN WASTE TO LANDFILL FOR THE FINAL SIX YEARS OF RIIO**

# Our progress to date



## Smart Meter Benefits

- Smart Meters will enhance a range of operational activities like fault and asset management, and network planning
- Enable more low carbon technologies
- Assist progress to actively managed networks



## Smart Grids

- We're using cost-effective, innovative solutions and techniques to speed-up connections and free up more network capacity – enabling customers to connect new distributed generation

