

2015-2023 RIIO - ED1 BUSINESS PLAN

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WPD is the Distribution Network Operator (DNO) for the Midlands, South Wales and the South West



WPD's network:

- 7.8 million customers 28% of UK
- Covering 55,500 km² 24% of UK
- Consists of:
 - 92,000km overhead lines
 - 129,000km underground cables

- Our Business Plan covers the period 2015-2023 (RIIO-ED1)
- It has been underpinned by an extensive stakeholder engagement programme:
 - Over 4,200 stakeholders
 - Huge focus on engagement in-person led by operational WPD staff responsible for delivering the work plan
 - 47 face-to-face workshops, focus groups and Panel meetings
 - 13 week consultation on published draft Business Plan
- It clearly sets out:
 - Our best view of the future
 - The outputs we will deliver
 - What it will cost customers





The key headlines from WPD's Business Plan

We will:

- Invest £6.3 billion in core distribution business activities
- Deliver 75 outputs including voluntary commitments in every category
- Maintain our number 1 position with respect to customer service and network reliability, whilst improving service even further
- Provide value for money by delivering £119m per annum savings as a result of acquiring the Midlands licences
- Continue to be at the frontier of efficiency by delivering a further £260m saving over 8 years
- Reduce customer bills, as overall WPD's charges will reduce by an average of 11% (before inflation)

We have built our Business Plan with our stakeholders in stages

WPD's Plan is underpinned by the industry's leading stakeholder engagement programme

We have:

- Engaged with over 4,200 external stakeholders in 2 years
- Used a wide range of mechanisms tailored to our stakeholders' knowledge/interest
- Consulted on every output
- Made substantial changes following stakeholder feedback. E.g.
 - Voluntarily doubled Guaranteed Standards failure payments for all customers
 - Accelerated our resilience tree trimming programme
 - Increased the number of substations protected from flooding
 - Improved time to connect target for all new connections
 - Increased target for number of complaints resolved within 1 day
- Published everything on our website.
- A clear plan for on-going engagement including six workshops in January 2014.
- A proven track record of maintaining stakeholder relationships since pre-DPCR5, and using them to monitor if we are delivering our promises

Ofgem Stakeholder Engagement Incentive Scheme 2012/13							
1.	WPD	8.4					
2.	ENW	7.9					
3.	NPG	7.85					
4.	UKPN	7.15					
5.	SSE	6.85					
6.	SP	no score (failed stage 1)					
-	Top rated Gas Distribution or Transmission company	6.4					



Outputs

WPD's Business Plan will deliver 75 outputs in the six RIIO-ED1 categories

Category	Safety	Reliability	Environment	Connections	Customer Satisfaction	Social Obligations
Measures	10	8	14	10	16	17
Stakeholder View						
Example outputs	Reduce the staff accident frequency rate by 10%. Educate 400,000 children about electrical safety. Target zero HSE improvement or enforcement notices.	Reduce the average number of power cuts by 13%. Reduce the average power cut duration by 20%. Minimum of 85% of customers are restored within 1 hour on HV faults. Increase our resilience tree cutting programme by 40%.	Reduce leaks from equipment by 75% for oil and 17% for SF6 gas. Improve visual amenity in National Parks and AONBs by undergrounding 55 km of overhead lines. Reduce the amount of waste sent to landfill by 20% by 2017 (5% p.a. thereafter)	Reduce the overall 'average time to connect' by 20%. Improved communications including internet based quotations and job tracking facilities. Zero failures against the connections 'Guaranteed Standards of Performance'.	Continue to be the best DNO group in the Ofgem Broad Measure of Customer Satisfaction. Have the fastest telephony answering time in the industry. Have the fastest customer complaints resolution service in the industry.	Contact all medically dependent customers every 3 hours during power cuts. Improve the data quality of the Priority Services Register by contacting our vulnerable customers every two years. Work with charities and support organisations to support customers during power cuts and deliver co-ordinated assistance to address fuel poverty.

^{▲ =} Improve current performance; ▶ = Maintain current performance; ▼ = Do less than current performance

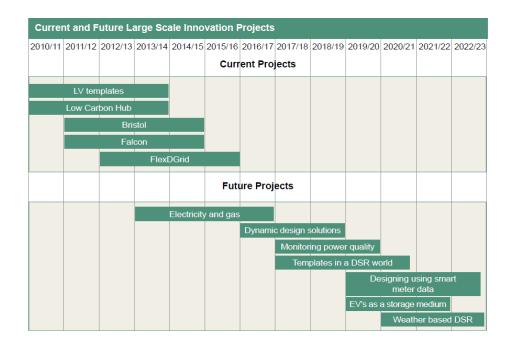


Innovation

If large volumes of Low Carbon Technologies (LCT) connect to the network - it will increase electricity demand and change the way networks are operated

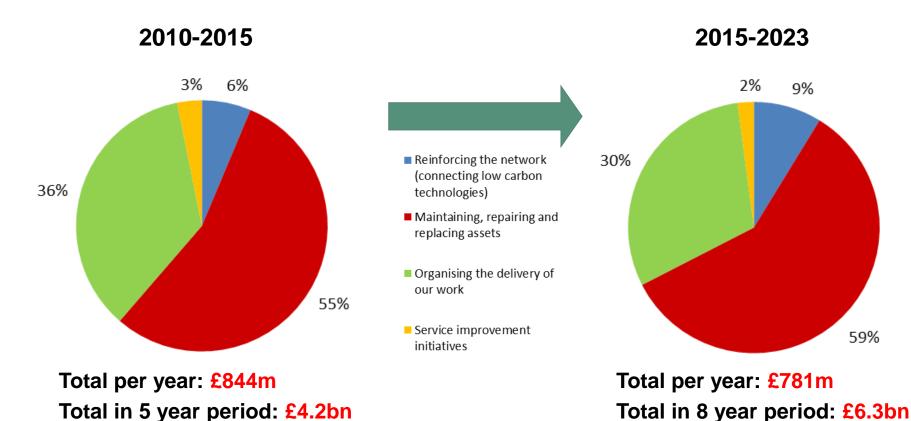
- Smart interventions have reduced our spending needs on unnecessary reinforcement by £130m in RIIO-ED1
- Smart grid transition plan for ED1 and beyond
- Our five current Tier 2 Low Carbon Network Fund projects cover a broad area of research:

Area of Interest	Project 1: LV Templates	Project 2: Low Carbon Hub	Project 3: FALCON	Project 4: BRISTOL	Project 5: FlexDGrid
Voltage Constraint		✓	✓	✓	✓
Thermal Constraint		✓	✓		
Fault Level Constraint					✓
Design Tools	✓				✓
Demand Side Response			✓	✓	✓
LV Monitoring				✓	
HV Monitoring			✓		
Automation			✓		✓
LV Estimation	✓				
Weather and Climate Effects	✓				
Generation	✓	✓	✓	✓	✓
Storage				✓	



Average annual expenditure (£m at 2012/13 prices)

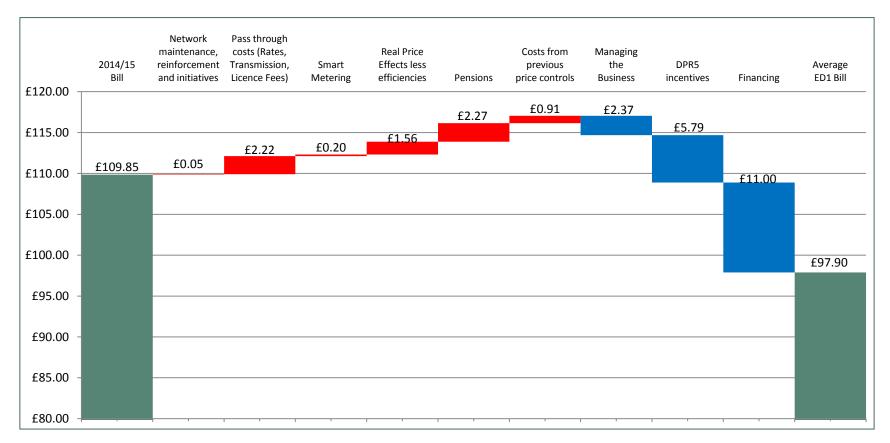
WPD will deliver significant service improvements whilst reducing annual expenditure



PIIO-ED1 BUSINESS PLAN

Impact on domestic bills – WPD group

Over RIIO-ED1 WPD's charges will reduce by an average of 10.9% (before inflation)



Note: 2012/3 prices



Summary

The Business Plan builds upon WPD's 'best in class' record for customer service and efficiency. It delivers:

- A network that meets our customers' and stakeholders' requirements
- Efficient expenditure plans which include significant investment in the network
- Numerous measurable outputs that build on our track record of excellent customer service delivery
- Charges that reduce in the first year of RIIO-ED1 and remain broadly flat thereafter