

THE THINGS WE DO

SMARTER



Ofgem Flexibility & Capacity Working Group
20 June 2012

SMART GRIDS
FORUM WS3

ENSG SCENARIOS
AND ROADMAP

REDPOINT ANALYSIS

DNO EXPERIENCE

OUR SCENARIOS:
BUSINESS AS USUAL, GONE GREEN, SLOW PROGRESSION

WORKING SCENARIOS

	BUSINESS AS USUAL	GONE GREEN	SLOW PROGRESSION
ASSET HEALTH (HI)	No change	No change in condition; reduction in cost	No change in condition; slight increase in cost
NETWORK PERFORMANCE	No change (On target)	No change (On target)	No change (On target)
DEMAND (UNITS DISTRIBUTED)	Slight decrease	Slight increase	Slight decrease
CONNECTIONS: DG (MWh)	Moderate increase	More significant increase	Moderate increase
CONNECTIONS: LOAD	No change*	Moderate increase	Slight increase
GOVERNMENT INITIATIVES	Focus on energy efficiency	Incentivise electrification and DG	None
COMMERCIAL AND CHARGING ARRANGEMENTS	Conventional slow change	DNO becomes DSO. Shallow connection policy.	No change
SMART GRIDS (WS3)**	Incremental	Top down	Conventional
NETWORK SECURITY STANDARDS	No change	Enhanced standards	No change

* Subject to clustering and managing EVs

** Cost of smart meter rollout not included in base scenario