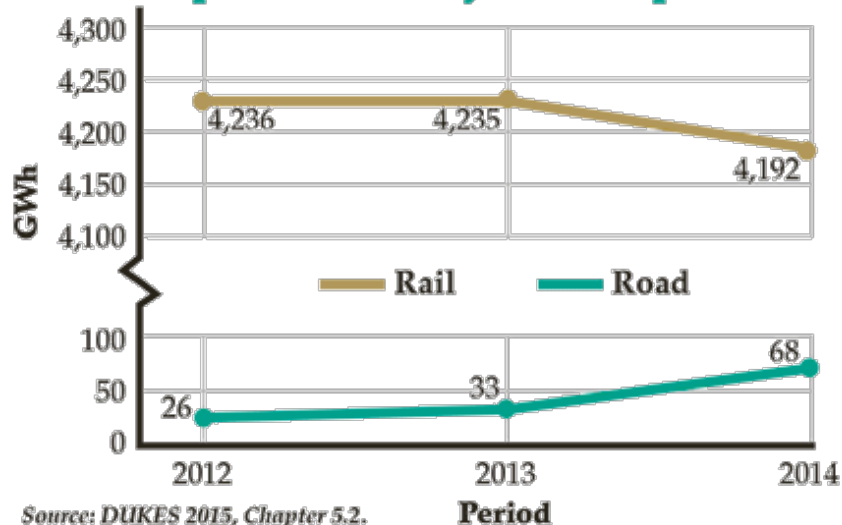
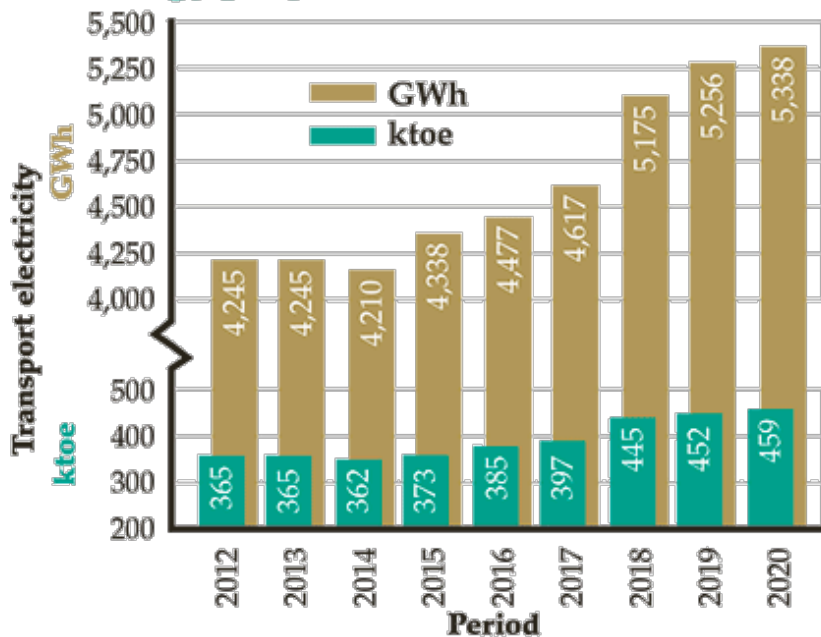


UK transport electricity consumption



Source: DUKES 2015, Chapter 5.2.

UK Energy projections



Notes: Kilotonnes of oil equivalent (ktoe) and converted to GWh.
Source: DECC Updated Energy & Emissions Projections - Reference Scenario, November 2015, Annex F.

EDF UK nuclear plants

Source: DUKES 2015, Chapter 5.

Dungeness B	1,050MW
Hartlepool	1,180MW
Heysham 1	1,155MW
Heysham 2	1,230MW
Hinkley Point B	955MW
Hunterston B	965MW
Sizewell B	1,198MW
Torness	1,185MW
Total installed capacity	8,918MW

OLE reliability

System	Major incidents	Minor incidents
Mk 3B	0.0154	0.0879
Series 1	0.0141	0.0762
Series 2	0.0120	0.0641
Master Series	0.0131	0.0711

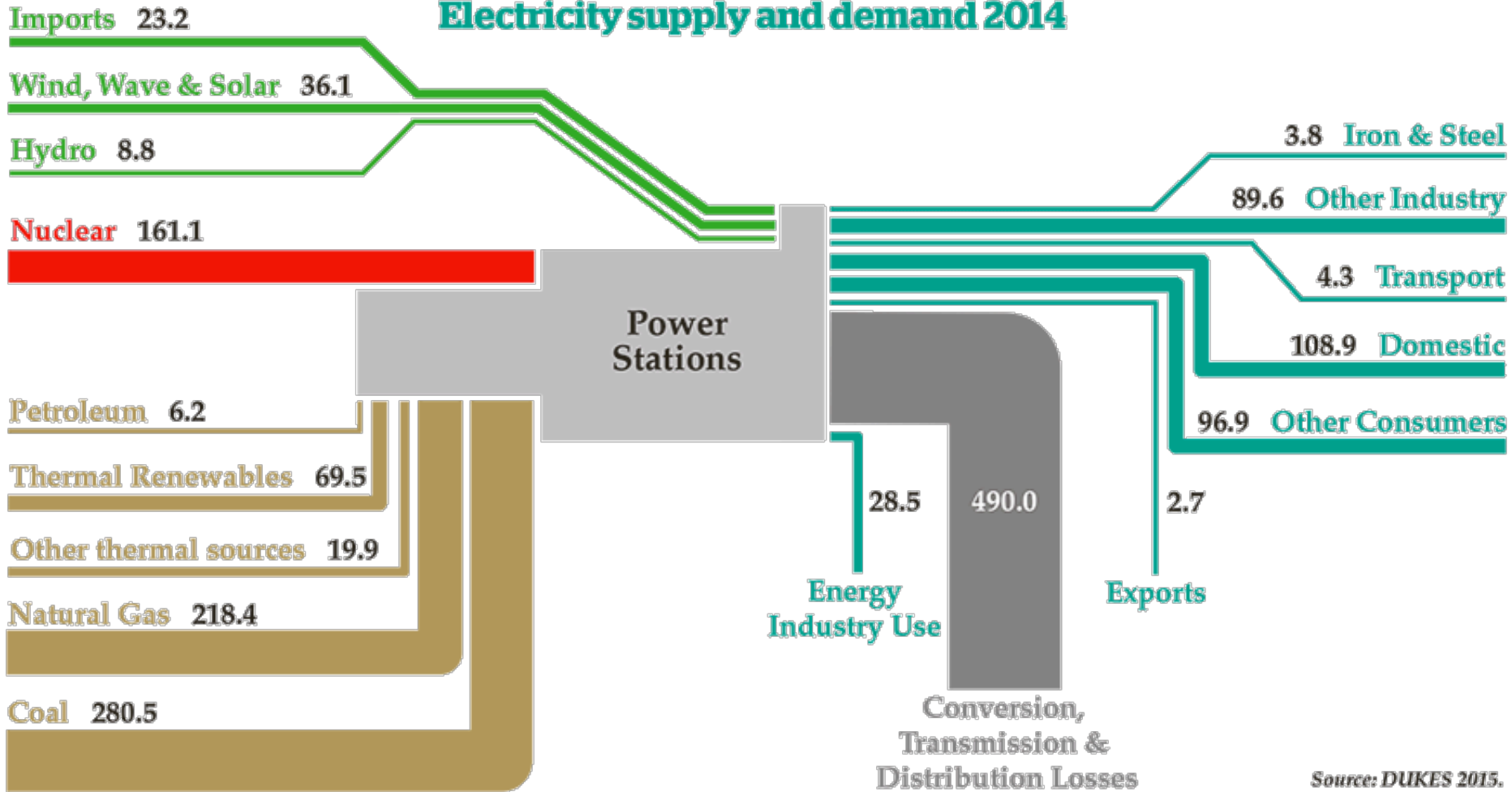
Source: NR. Notes: Incidents are per year per single-track kilometre.

Diesel and electric trains costs

Cost per vehicle mile	Diesel	Electric	Saving	Saving
Energy cost	47p	25p	22p	47%
Track maintenance cost	7.1p	6.8p	0.03p	4%
Electrification maintenance costs	0p	1.2p	-1.2p	n/a
Other costs	54p	33p	21p	39%

Source: Long Term Passenger Rolling Stock Strategy for the Railway Industry, 3rd Edition, February 2015, RDG.

Electricity supply and demand 2014



Source: DUKES 2015.