

Towards a carbon-free grid

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IWEA Spring Conference 2019






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ELECTRICITY SUPPLY BOARD
BORD SOLÁTHAIR AN LEICTREACHAIS



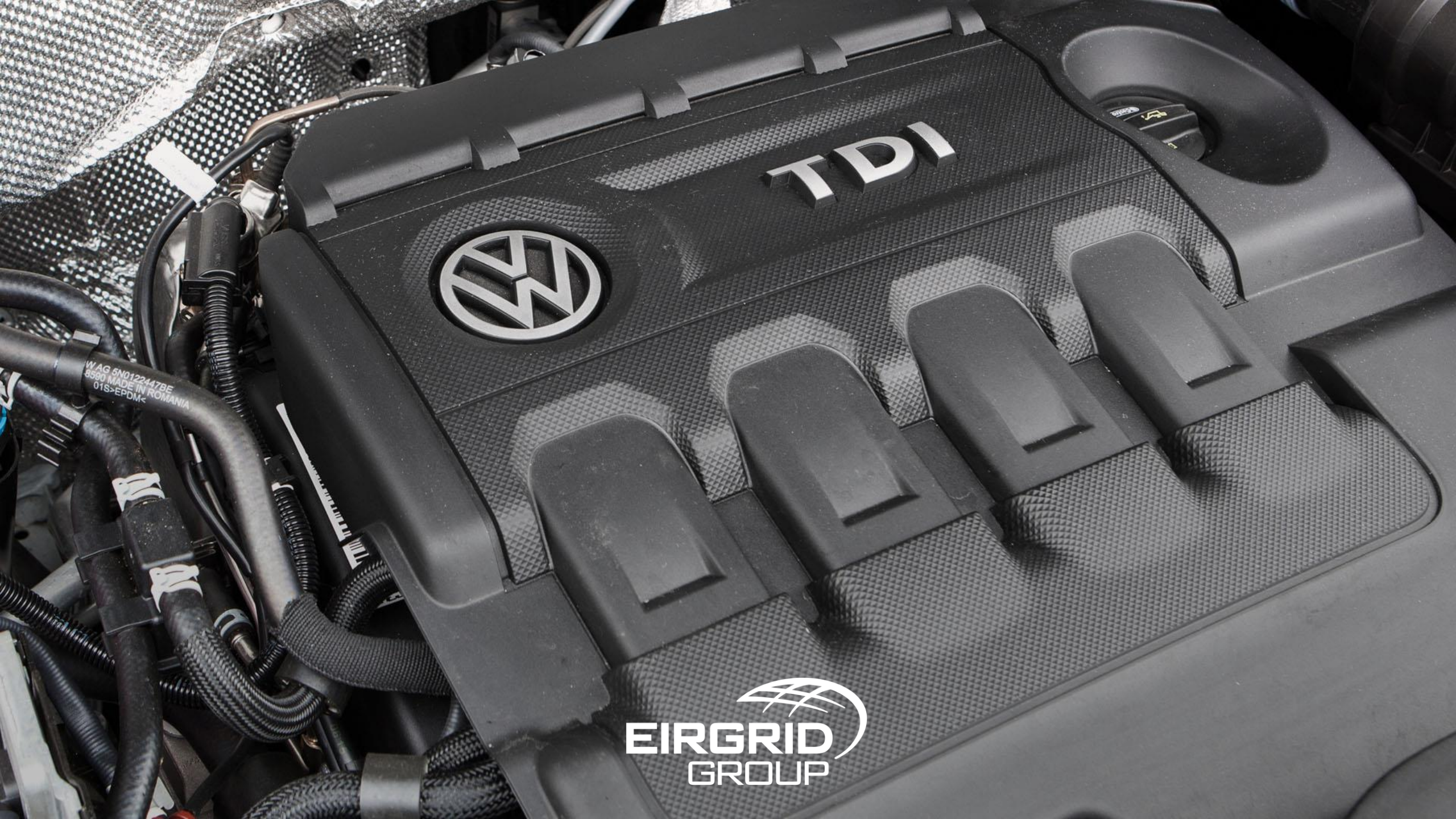



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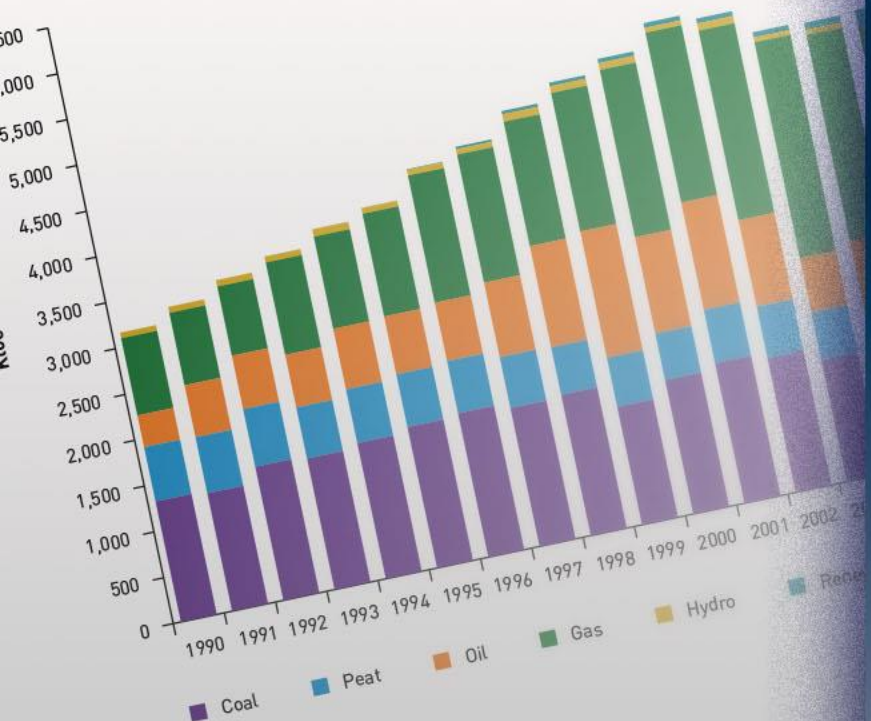



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Electricity generation fuel mix 1990-2020



Electricity generation fuel mix 2005-2020

Fuel	Electricity Gen. Fuel Inputs (ktoe)			Growth 05-'20	Average Annual Growth Rate 05-'20
	2005	2010	2020		
Coal	1416	1793	1783	25.9	1.5
Oil	766	8	0	43.6	-43.9
Gas	2044	3051	2934	-7.6	2.0
Peat	504	504	465	0.0	-0.1
	176	176	176	526.7	1.6

GOVERNMENT
WHITE PAPER



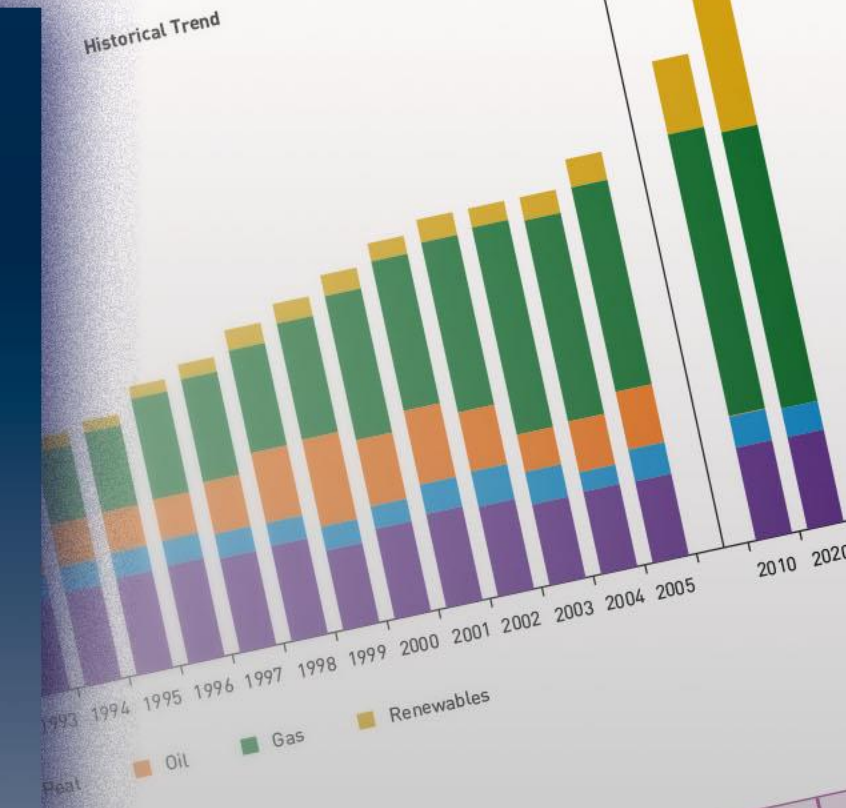
Department of Communications,
Marine and Natural Resources
*An Roinn Cumarsáide,
Mara agus Acmhainní Nádartha*

DELIVERING A SUSTAINABLE ENERGY FUTURE FOR IRELAND

THE ENERGY POLICY FRAMEWORK 2007 - 2020



Electricity generation fuel mix 1990-2020



Electricity generation fuel mix 2005-2020

Electricity generated (GWh)	Growth			Average Annual Growth Rate	
	2005	05-'20	05-'10	10-'20	2005
6193	6159	13.1	0.8	2.6	-0.1
46	1	-100.0	-43.2	-58.8	-33.4
18804	18445	35.1	2.0	6.6	-0.2
2101	2069	-9.5	-0.7	-0.3	-0.8
11684	1096.2	18.0	38.0	9.1	1.8
46.6	2.6	4.2			




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Fuel Mix: Electricity Generation on Irish Grid



Other: 17%

Renewables: 32%

Gas: 51%



The background features a landscape with several wind turbines under a sunset sky. A network of white lines connects various circular icons: a laptop, a smartphone, a cloud, a robotic arm, solar panels, two wind turbines, and two power pylons. The text 'semopx' is overlaid in white.

semopx



The Eirgrid Group logo consists of a stylized globe icon above the text 'EIRGRID GROUP'. Below this, the text 'DS3 Programme' is displayed. The background continues the wind farm and network theme.

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DS3 Programme

An Tionól
Saoránach



The Citizens'
Assembly

An Tionól
Saoránach



The Citizens'
Assembly

An Tionól
Saoránach



The Citizens'
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*Changing
Together*



COP24 KATOWICE
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Green Energy


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What next?




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