

As a consequence of the Secretary of State's powers under section 36 of the Electricity Act 1989¹⁵ and section 14 of the Energy Act 1976 the DTI gains an appreciation of the potential significant new electricity capacity planned to be built in England and Wales. In Scotland significant new electricity generating stations are authorised by Scottish Ministers and DTI are formally only involved if it is oil or gas-fired capacity where clearance is also required from the Secretary of State for Trade and Industry under section 14 of the Electricity Act 1989.

<i>Station</i>	<i>Owner</i>	<i>Size (MW)</i>	<i>Type</i>	<i>Distillate back-up</i>	<i>Status</i>	<i>Under Construction</i>
CCGTs						
Staythorpe	RWE npower	1,630	CCGT	Yes ¹⁶	Approved November 2000	Preliminary ground work begun
Langage, South Devon	Wainstones (Carlton Power) Option acquired by Centrica	1,010	CCGT	Black start and back up fuel issues are still under discussion	Approved November 2000;	Preliminary work begun
Marchwood, Hampshire	ESBI (Republic of Ireland Electricity Board)	800	CCGT	No	Approved November 2002	No Expected to start in 2006
New Pembroke Power Station	RWE npower	2,000	CCGT		Being processed	..
Milford Haven	Milford Power Ltd (Petroplus)	1,600	CCGT		Application was withdrawn but revised application expected	..
New Drakelow Power Station	E.On	1,220	CCGT		Being processed	..
New Isle of Grain Power Station	E.On	1,200	CCGT		Approved 31 October 2006	No Expected to start in 2007
West Burton	EDF Energy	1,270	CCGT		Being processed	..
Sutton Bridge B	EDF Energy	1,260	CCGT		Being processed	..
Partington	Bridestones Developments Ltd	380	CCGT		Being processed	..
Uskmouth	Severn Power Ltd	800	CCGT		Being processed	..
Barking	Barking Power Ltd	Increase of 470	CCGT		Being processed	..
Total CCGTs		12,840 MW				

The table shows CCGT approvals from November 2000 (when the stricter consents policy was lifted) and state of play on applications for stations over 50 MW.

Station	Owner	Size (MW)	Type	Distillate back-up	Status	Under Construction
CHPs						
Corus, Port Talbot, South Wales	Sun Coke Company	130	Coke fired CHP		Application withdrawn	..
West Thamesmead	CDCE Ltd	140	Gas CHP		Application withdrawn	..
Immingham	Immingham CHP	Extension from 700 to 1,230	Gas CHP		Approved August 2006	No Expected to start in 2007
Other CHPs	Various	411	Gas CHP		Approved since November 2000	Varies
Total CHPs		941 MW				

Station	Owner	Size (MW)	Type	Status	Under Construction
Integrated coal gasification combined cycles ICGCC					
Hatfield Colliery	Coalpower	430	ICGCC	Approved August 2003	No
Onllwyn, Port Talbot	Progressive Energy Ltd	480	ICGCC	Application withdrawn	..
Total ICGCCs		430 MW			
Dual-firing					
Indian Queens	AES		Dual oil/gas capability	Approved September 2001	No
Littlebrook	RWE npower		Dual oil/gas capability	Approved August 2002	No

Station	Owner	Size (MW)	Type	Status	Under Construction
Renewables and energy from waste					
Paul's Hill, Moray	Natural Power Consultants Ltd	56	Onshore windfarm	Approved March 2003	Yes
		9		Extension approved December 2005	..
Hadyard Hill, South Ayrshire	SSE Generation Ltd	130	Onshore windfarm	Approved December 2003	Yes
Whitelee, East Renfrewshire	Scottish Power	322	Onshore windfarm	Approved April 2006	Yes
Crystal Rig windfarm extension, Scottish Borders	Natural Power Consultants Ltd	62.5	Onshore windfarm	Approved May 2004	No
Farr, Invernessshire, Highland	Npower Renewables	112.5	Onshore windfarm	Approved October 2004	Completed

Station	Owner	Size (MW)	Type	Status	Under Construction
Renewables and energy from waste (continued)					
Black Law – North Lanark	Scottish Power	142.6	Onshore windfarm	Approved February 2004	Yes
Roths – Moray (formerly known as Cairn Uish)	Natural Power Consultants	90	Onshore windfarm	Approved April 2004	Completed
Braes of Doune, Stirling	Airtricity	100	Onshore windfarm	Approved October 2004	Yes
Scout Moor, nr Rochdale, Lancashire	United Utilities & Peel Holdings	65	Onshore windfarm	Approved May 2005	No
Crystal Rig 2, Scottish Borders	Natural Power Consultants Ltd	90	Onshore windfarm	Approved July 2005	No
Little Cheyne Court, Walland Marsh, Kent	National Wind Power	78	Onshore windfarm	Approved October 2005	No Currently subject to possible legal challenge
Causeymire	National Wind Power	55.2	Onshore windfarm	Approved November 2005	Yes
Whinash, Tebay, Cumbria	West Coast Energy	67	Onshore windfarm	Refused 2 March 2006	..
Keadby North Lincolnshire	RES Ltd	78	Onshore windfarm	Public inquiry starts 9 January 2007	..
Tween Bridge, Thorne Lincolnshire	United Utilities	84	Onshore windfarm	Public inquiry starts 9 January 2007	..
Fullabrook Down, North Devon	Devon Wind Ltd	66	Onshore windfarm	Public inquiry starts 28 November 2006	..
Orby Marsh, Skegness	M Cauldwell	54	Onshore windfarm	To go to public inquiry	..
Ray, Northumberland	AMEC	60	Onshore windfarm	Being Processed	..
Middlemoor, Northumberland	Npower Renewables	75	Onshore windfarm	Being Processed	..
Windy Standard extension	Natural Power Consultants Ltd	90	Onshore windfarm	Application submitted December 2001	..
Greenock, Inverclyde	Airtricity	59	Onshore windfarm	PLI ¹⁷ case being processed	..
Gordonbush, Highland	SSE Generation Ltd	87.5	Onshore windfarm	Being processed	..
Clashindarroch, Aberdeenshire	AMEC wind	129	Onshore windfarm	PLI case being processed	..

Station	Owner	Size (MW)	Type	Status	Under Construction
Renewables and energy from waste (continued)					
Aultmore, Moray	AMEC wind	62	Onshore	Application submitted October 2003 – likely to be withdrawn	..
Kilpatrick Hills, West Dunbartonshire	Airtricity	60	Onshore	Being processed	..
Abercairny, Perth and Kinross	Catamount Energy Ltd	66	Onshore	Refused – September 2006	..
Calliacher, Perth and Kinross	I & H Brown Ltd	62.1	Onshore	At PLI	..
Hartestanes, Dumfries and Galloway	CRE Energy Ltd	213	Onshore	At PLI	..
Ewehill, Dumfries and Galloway	Scottish Power	92	Onshore	Being processed	..
Griffin, Perth and Kinross	Greenpower (Griffin) Limited	216	Onshore	At PLI	..
Dersalloch, South Ayrshire	CRE Energy Ltd	78	Onshore	Being processed	..
Baillie, Highland	Dudley Developments	75	Onshore	Being processed	..
Berry Burn, Moray	Force 9 Energy	78.3	Onshore	Being processed	..
Kyle, East Ayrshire	AMEC	300	Onshore	Referred to PLI	..
Afton, East Ayrshire	E.On	74.25	Onshore	Being processed	..
Clyde, South Lanarkshire	Airtricity	622.8	Onshore	At PLI	..
Lewis, Eilean Siar	Lewis Windpower	702	Onshore	Being processed	..
Carraig Gheal, Argyll and Bute	Greenpower (Carraig Gheal) Limited	75	Onshore	Being processed	..
Waterhead Moor, Largs, Ayrshire	SSE Ltd	132	Onshore	Being processed	..
Muaitheabhal, Eilean Siar	Beinn Mhor Power	159	Onshore	Being processed	..
Dunmaglass, Highland	RES Group	100	Onshore	Being processed	..

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Renewables and energy from waste (continued)					
Spireslack, East Ayrshire	The Scottish Coal Company	59.6	Onshore	Being processed windfarm	..
Fallago Ridge, Scottish Borders	North British Wind Energy	114	Onshore	Being processed windfarm	..
Harrows Law, West Lothian	SSE Ltd	111	Onshore	Being processed windfarm	..
Mark Hill, South Ayrshire	Catamount Energy	84	Onshore	Being processed windfarm	..
Limmer Hill, South Lanarkshire	West Coast Energy Ltd	99	Onshore	Being processed windfarm	..
Dunbeath, Highland	West Coast Energy Ltd	69	Onshore	Being processed windfarm	..
Blackcraig Hill, Dumfries and Galloway	SSE Generation Ltd	69	Onshore	Being processed windfarm	..
Glenkirk, Highland	Eurus Energy UK Ltd	102	Onshore	Being processed windfarm	..
Lochluichart	LZN Ltd	129	Onshore	Being processed windfarm	..
Steadings, Northumberland	Steadings Windfarm Ltd	66	Onshore	Being Processed windfarm	..
Arecleoch – Dumfries and Galloway	Scottish Power	180	Onshore	Being processed windfarm	..
Shira – Argyll and Bute	Natural Power Consultants	79	Onshore	Being processed windfarm	..
Mid Hill upgrade	Natural Power Consultants	From 49.9 to 75	Onshore	Being processed windfarm	..
Rhyl Flats, off Rhyl, North Wales	Npower Renewables	150	Offshore	Approved December 2002 windfarm	No
Barrow, off Walney Island, Cumbria	DONG	90	Offshore	Approved March 2003 windfarm	Yes
Burbo Bank, off Wirral/Crosby	Seascope Energy	90	Offshore	Approved July 2003 windfarm	Yes Due for completion 2007
Robin Rigg, Solway Firth	Powergen	216	Offshore	Approved March 2003 by the Scottish Executive windfarm	No
Inner Dowsing, off Skegness, Lincolnshire	OWP	120	Offshore	TWA Order ¹⁸ approved 21/10/03 windfarm	..

Station	Owner	Size (MW)	Type	Status	Under Construction
Renewables and energy from waste (continued)					
Lynn, off Skegness, Lincolnshire	AMEC Offshore	108	Offshore windfarm	TWA Order approved 21/10/03	..
Cromer, off Cromer, Norfolk	Norfolk Offshore Wind Limited	108	Offshore windfarm	TWA Order approved 21/10/03	..
Gunfleet Sands, off Clacton, Essex	GE Wind Energy	108	Offshore windfarm	TWA Order approved, 21/10/03	..
Shell Flat, off Cleveleys, Blackpool, Lancashire	Cirrus Energy	324	Offshore windfarm	Application for TWA Order being considered	..
Teesside, off Redcar	EDF (Northern Offshore) Ltd	90	Offshore windfarm	Being processed	..
London Array, off Margate, Kent	LAL	1,000	Offshore windfarm	Being processed	..
Greater Gabbard, off Suffolk Coast	Greater Gabbard Offshore Ltd	500	Offshore windfarm	Being processed	..
Thanet, off Foreness Point, Kent	Thanet Offshore Wind Ltd	300	Offshore windfarm	Being processed	..
Gwynt y Mor, off Llandudno	Npower renewables	750	Offshore windfarm	Being processed	..
West of Duddon Sands off Cumbrian coast	Morecambe Offshore Wind	500	Offshore windfarm	Being processed	..
Walney, off Cumbrian coast	DONG	450	Offshore windfarm	Being processed	..
Sheringham Shoal, off Norfolk coast	SCIRA	315	Offshore windfarm	Being processed	..
Braevallich, Argyll and Bute	Innogy hydro	2.5	Hydro	Approved March 2003	No
Kingairloch, Highland	SSE Generation Ltd	3.5	Hydro	Approved March 2003	No
Garrogie, Highland	Innogy hydro	2	Hydro	Approved June 2003	Completed
Fasnakyle, Highland	SSE Generation Ltd	7.5	Hydro	Approved March 2004	No
River E, Highland	Innogy hydro	3	Hydro	Approved May 2005	No
Glendoe, Highland	SSE Generation Ltd	100	Hydro	Approved July 2005	Yes
Douglas Water, Argyll and Bute	Innogy hydro	3	Hydro	Approved November 2005	Yes

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<i>Renewables and energy from waste (continued)</i>					
Stronelairg, Highland	Innogy hydro	10.3	Hydro	Application withdrawn 2006	..
Allt Hallater, Argyll and Bute	Npower renewables	1.9	Hydro	Being processed	..
Keltneyburn, Perth and Kinross	Keltneyburn Hydro Ltd	2.2	Hydro	Being processed	..
Inverlael, Highland	Npower Renewables	3	Hydro	Being processed	..
River Braan, Perth and Kinross	Npower Renewables	2.9	Hydro	Being processed	..
Carnoch, Highland	Npower Renewables	1.5	Hydro	Being processed	..
Innerhadden, Perth and Kinross	Innerhadden Hydro Ltd	1.4	Hydro	Being processed	..
Belvedere, London	Riverside Resources	70	Energy from waste	Approved 15 June 2006	No. Currently subject to possible legal challenge
Peterborough	Peterborough Renewable	174	Energy from waste	To go to public enquiry	..
Ince, Cheshire	Peel Environmental	95	Energy from waste	Being Processed	..
Port Talbot, Wales	Preenergy Power Ltd	350	Biomass	Being Processed	..
<i>Total Renewables and energy from waste 12,426 MW</i>				<i>Excluding refused and withdrawn</i>	

¹⁵ Section 36 consent can be transferred or sold on to another company.

¹⁶ However, there is some uncertainty about whether this will be built.

¹⁷ PLI = Public Local Inquiry.

¹⁸ TWA Order = Transport and Works Act Order.

Key: .. indicates that the project has yet to reach the stage where construction can begin.