

John Griffiths AC / AM
Gweinidog yr Amgylchedd a Datblygu Cynaliadwy
Minister for Environment and Sustainable Development



Llywodraeth Cymru
Welsh Government

Eich cyf/Your ref
Ein cyf/Our ref

Lord Dafydd Elis Thomas AM
Chair of the Environment and
Sustainability Committee
National Assembly for Wales
Cardiff Bay
Cardiff

4 October 2011

Dear Dafydd,

Further to my appearance at the Environment and Sustainability Committee, I agreed to follow up in writing a request for information on the number of applications received both above and below 50MW since devolution, and the types of projects.

I have pleasure in providing you with the attached information which outlines the renewable energy projects in Wales which meet these criteria.

Tu gywir,

John Griffiths AC / AM
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Minister for Environment and Sustainable Development

OPERATIONAL ONSHORE WIND FARMS

Under 50MW	Wind Farm	Location	Turbine Model	Power (MW)	Turbines	MW Capacity
Nov-06	Swansea Docks	Swansea	NEG Micon	0.25	1	0.25
Nov-10	BDCR II	Powys	Nordtank 500/37	0.5	1	0.5
Sep-98	Hafoty Ucha 1	Gwynedd	Vestas	0.6	1	0.6
Jan-06	Hafoty Ucha 3 Extension	Gwynedd	V52	0.85	1	0.85
Dec-02	Hafoty Ucha 2 Extension	Gwynedd	Vestas V52	0.85	2	1.7
Jun-09	Castle Pill Farm - repowering	Pembrokeshire	EWT 900 (3) Nordtank (1)	0.9	4	3.2
Feb-01	Parc Cynog	Carmarthenshire	NEG Micon	0.72	5	3.6
Jan-08	Braich Ddu Farm	Gwynedd	Nordex N60	1.3	3	3.9
Jan-03	Mawla (Moel Maelogen)	Conwy	Bonus 1.3	1.3	3	3.9
Jul-02	Blaen Bowi	Carmarthenshire	Nordex	1.3	3	3.9
Dec-09	Solutia UK Ltd	Pembrokeshire	Nordex N90	2.5	2	5
Jun-11	Ferndale	Rhondda Cynon Taff	E48	0.8	8	6.4
Nov-92	Rhyd-y-Groes	Ceredigion	Bonus B300	0.3	24	7.2
Nov-09	Pendine (Parc Cynog Extension I)	Carmarthenshire	Enercon E48	0.8	6	7.8
Feb-04	Llangwryfon repowering	Ceredigion	Vestas V52	0.85	11	9.35
Apr-98	Mynydd Gorddu	Ceredigion	NEG Micon	0.5	19	10.2
Oct-08	Moel Maelogen Extension	Conwy	Siemens	1.3	9	11.7
Apr-06	Mynydd Clogau	Powys	Vestas	0.85	17	14.45

Mar-02	Cemmaes	Powys	Vestas V52	0.85	18	15.3
Mar-09	Carno Extension (Carno 2)	Powys	Siemens 1.3	1.3	12	15.6
Oct-05	Tir Mostyn & Foel Goch	Denbighshire	Gamesa	0.85	25	21.25
Nov-09	Alltwalis	Carmarthenshire	Siemens 2.3	2.3	10	23
May-11	Maesgwyn	Neath Port Talbot	Alstom Eco80	2	13	26
Jun-06	Ffynnon Oer	Neath Port Talbot	Repower Systems MM70	2	16	32

OPERATIONAL ONSHORE WIND FARMS

Over 50MW	Wind Farm	Location	Turbine Model	Power (MW)	Turbines	MW Capacity
Jun-05	Cefn Croes (inc Devils Bridge)	Ceredigion	GE 1.5 se	1.5	39	58.5

WIND FARMS IN PLANNING					
under 50MW					
Date	Wind Farm	Location	Turbines	MW Capacity	Developer
Jun-11	Glyn Farm	Conwy	2	0.45	Bryn-Y-Gwynt Ltd
Sep-03	Timet Site	Swansea	3	1.98	EnergyTech
Oct-10	Ysgellog Farm	Anglesey	2	4	Airvolution Energy
Jul-11	Oakdale Business Park	Caerphilly	2	5	Bolsterstone Innovative Energy
Jan-08	Hirfynydd	Neath Port Talbot	9	13.5	Acciona Energy UK Ltd
Apr-08	Mynydd Clogau Extn	Powys	19	16.15	Novera
Apr-08	Waun Garno	Powys	11	16.5	Acciona Energy UK Ltd
Feb-08	Cemmaes 3	Powys	12	18	Acciona Energy UK Ltd
Jun-10	Hirddywell	Powys	9	27	Nuon Renewables
Nov-10	Llynfi Afan Renewable Energy Park	Neath Port Talbot	15	30	Gamesa
Jan-11	Brechfa Forest East	Carmarthenshire	12	36	RWE Npower Renewables
Jul-10	Carno Wind Farm Extension - Phase III	Powys	18	36	Amegni
May-09	Hirwan Re-submission	Rhondda Cynon Taff	12	36	Pennant Wind Energy Ventures Ltd
Apr-09	Bryngydfa	Powys	12	36	BSK Renewables
Oct-07	Mynydd Waun Fawr	Powys	15	37.5	Nuon Renewables
Aug-10	Llys Dymper	Denbighshire	14	40	SSE Renewables
Jun-08	Garreg Lwyd Hill	Powys	23	46	RES
May-10	Near Esgair Cwn Owen	Powys	19	47.5	Pennant Wind Energy Ventures Ltd
Dec-10	Bryn Llewlyn	Carmarthenshire	21	48.3	RES UK & Ireland Ltd

WIND FARMS IN PLANNING					
over 50MW					
Date	Wind Farm	Location	Turbines	MW Capacity	Developer
Nov-09	ECOCAS (Esgair Cwmowen Central & South)	Powys	17	51	Independent Power Systems
Dec-07	Llanbadarn Fynydd	Powys	17	51	Nuon Renewables
May-08	Fferm Wynt Llaithddu	Powys	29	66.7	Fferm Wynt Llaithddu cyf
Jun-11	Mynydd Y Gwynt/Sweetlamb	Powys	27	81	REH
Apr-09	Llanbrynmair	Powys	43	98.9	RES
May-08	Llandinam repowering	Powys	42	126	Scottish Power/Eurus Energy
Jan-09	Carnedd Wen	Powys	65	195	RWE Npower Renewables
Nov-09	Pen Y Cywmoedd	Neath Port Talbot	84	252	Nuon Renewables

CONSENTED WIND FARMS					
under 50MW					
Date	Wind Farm	Location	Turbines	MW Capacity	Developer
Aug-08	Shipping Hill Plantation	Pembrokeshire	2	1.6	Westerton Energy
Feb-07	Fochriw Wind Energy Project	Caerphilly	2	2	Eco2
Apr-09	Mynydd y Gwrhyd Resubmission	Neath Port Talbot	2	4	AAT (Awel Aman Towe)
Jul-08	Mynydd Portref (extension to Taff Ely - East of Taff Ely)	Rhodda Cynon Taff	11	9.35	Tegni
May-10	Wear Point	Pembrokeshire	4	10	Infinergy
Aug-09	Fforch Nest Wind Farm pt1	Bridgend	4	10	RWE Npower Renewables
Nov-08	Derwydd Bach		10	23	Tegni
Feb-09	Maerdy	Rhodda Cynon Taff	8	24	Renewable Energy Partnership
Aug-09	Pant-Y-Wal	Bridgend	10	25	Pennant Wind Energy Ventures Ltd
Mar-09	Nant Bach Resubmission	Conwy	11	27.5	Nuon Renewables
Aug-10	Tirgwynt	Powys	12	27.6	RDC
Jun-09	Mynydd y Betws	Carmarthenshire	15	37.5	Eco2
Feb-08	Llyn Brenig	Denbighshire	16	40	Brenig Wind Ltd

OFFSHORE WIND FARMS OPERATIONAL						
Operational	Wind Farm	Location	Turbine Model	Turbines	MW Capacity	Developer
Dec-09	Rhyl Flats	Conwy	Siemens	25	90	RWE Npower Renewables
Jun-05	North Hoyle				60	Beaufort Wind Ltd

Offshore Wind Farms Consented					
Date	Wind Farm	Location	Turbines	MW Capacity	Developer
Dec-08	Gwynt y Mor		160	576	RWE Innogy/SWM/Siemens

Biomass Operational scheme				
Scheme	Output	Developer	Location	Date operational
Western Wood Energy Plant A	14	Western Bioenergy Limited	Port Talbot	2008

Biomass Schemes consented				
Scheme	Output	Developer	Location	Date consented
Preenergy	350	Preenergy	Port Talbot	Consent Granted 2011
Anglesey Aluminium	299	Anglesey Aluminium	Anglesey	Consent granted Sept 2011