

# Feed-In Tariffs

for domestic and community renewable electricity generation

by Centre for Alternative Technology [www.cat.org.uk/information](http://www.cat.org.uk/information)

From April 2010, the government will support the small-scale generation of electricity from renewable sources through a mechanism known as the Feed-in Tariff (FiT) scheme. Despite the name, the new FiT is actually a generation tariff: Generators will be paid for every unit of renewable electricity they produce, whether they use it themselves or sell it to the National Grid. Even off-grid homes with no connection to mains electricity will be eligible for FiT income.

The scheme includes three ways to benefit, from income or savings:

- Generation tariff income for all the electricity produced
- Export tariff income for any electricity that is exported to the National Grid
- Electricity bill savings from using your own electricity instead of buying mains electricity

The scheme will be open to all major forms of renewable electricity generation: wind, hydro, photovoltaic (PV) solar, and biomass combustion or anaerobic digestion. Schemes up to 5000kW (5MW) capacity are covered. Projects are eligible if installed since July 2009. To be eligible for FiT income, you have to use equipment and installers accredited under the Microgeneration Certification Scheme (MCS). Lists of MCS accredited installers and equipment can be found online at <http://www.microgenerationcertification.org>

While the FiT scheme is attractive for domestic projects, such as a solar photovoltaic (PV) roof on a private home, community scale projects stand to benefit most. In the right location, wind or hydro projects of between 15 and 500 kW can provide excellent financial returns from FiTs. With price tags between a few £10,000s and £1,000,000 such projects are out of reach for most private individuals – but too small for the big power companies. They are ideal for local groups to get together, raise the money and make sure that the benefits from local resources such as the wind or rivers flow directly into the local economy!

For more info and Tariffs see Department of Energy and Climate Change FiT page <http://www.decc.gov.uk/fits>

# Tariff Cyflenwi Trydan

ar gyfer cynhyrchu trydan adnewyddadwy domestig a chymunedol

gan y Ganolfan Dechnoleg Amgen [www.cat.org.uk/information](http://www.cat.org.uk/information)

O fis Ebrill 2010 ymlaen, bydd y llywodraeth yn cefnogi'r gwaith o gynhyrchu trydan ar raddfa fach o ffynonellau adnewyddadwy trwy system a elwir yn gynllun Tariff Cyflenwi Trydan (FiT). Er gwaetha'r enw, tariff cynhyrchu yw'r FiT newydd mewn gwirionedd: bydd cynhyrchwyr yn cael eu talu am bob uned o drydan adnewyddadwy y byddant yn ei gynhyrchu, boed hynny ar gyfer ei ddefnyddio eu hunain neu ei werthu i'r grid cenedlaethol. Bydd hyd yn oed cartrefi nad ydynt ar y grid sydd heb eu cysylltu â thrydan o'r prif gyflenwad yn gymwys i gael incwm FiT.

Mae'r cynllun yn cynnwys tair ffordd i elwa o incwm neu arbedion:

- Incwm tariff cynhyrchu am yr holl drydan a gynhyrchir
- Incwm tariff allforio am unrhyw drydan sy'n cael ei allforio i'r grid cenedlaethol
- Arbedion ar filiau trydan wrth ddefnyddio eich trydan eich hun yn hytrach na phrynu trydan o'r prif gyflenwad

Bydd y cynllun yn agored i'r prif ddulliau a ddefnyddir i gynhyrchu trydan adnewyddadwy: gwynt, dŵr, solar ffotofoltäig (PV), a hylsgi biomas neu dreulio anerobig. Gall cynlluniau hyd at uchafswm o 5000kW (5MW) gael eu cynnwys. Mae prosiectau yn gymwys os ydynt wedi'u gosod ers mis Gorffennaf 2009. Er mwyn bod yn gymwys am incwm FiT, mae'n rhaid i chi ddefnyddio cyfarpar a gosodwyr sydd wedi'u hachredu dan y Cynllun Ardystio Microgynhyrchu (MCS). Gellir dod o hyd i restr i osodwyr a chyfarpar achrededig yr MCS ar-lein ar <http://www.microgenerationcertification.org>

Tra bo'r cynllun FiT yn ddeniadol i brosiectau domestig, megis to solar ffotofoltäig (PV) ar gartref preifat, prosiectau ar raddfa gymunedol sy'n debygol o elwa fwyaf. Yn y lle iawn, gall prosiectau gwynt neu ddŵr sydd rhwng 15 a 500 kW ddarparu enillion ariannol rhagorol o FiTau. Gan gostio rhwng ychydig o £10,000au a £1,000,000 mae prosiectau o'r fath y tu hwnt i gyrraedd y rhan fwyaf o unigolion preifat - ond yn rhy fach i'r cwmnïau pŵer mawr. Maent yn ddelfrydol i grwpiau lleol ddod ynghyd, codi'r arian a sicrhau bod manteision sy'n deillio o adnoddau lleol megis gwynt neu afonydd yn llifo'n uniongyrchol i'r economi lleol!

Am ragor o wybodaeth a Thariffau ewch i dudalen FiT yr Adran Ynni a Newid Hinsawdd <http://www.decc.gov.uk/fits>