



Bundesministerium
für Umwelt, Naturschutz
und Reaktorsicherheit

Workshop of the International Feed-In Cooperation Brussels, November 3/4 2008

The new EEG

Basis to double the RES-E share until 2020

Uwe Büsgen
Deputy Head of Division KI III 1: Renewable Energy



Contents

- The Way to the new Renewable Energy Sources Act (EEG)
- What is kept in the new EEG
- What is changed in the new EEG
- Conclusions

The way to the new EEG

- 10-2005: R&D-Project started to support BMU in writing EEG Progress Report (PR)
- 7-2007: BMU-Draft for EEG-PR 2007, including proposal on new tariffs
- 11-2007: EEG-PR 2007 adopted by cabinet, including proposal on new tariffs
- 12-2007: BMU-Draft for new EEG
- 6-2008: New EEG adopted by the Bundestag



Provisions kept

- RE-Priority for grid access, transmission and distribution
- Fixed prices for RE-power
- Equalisation of additional costs for electricity from RE between all grid operators and electricity suppliers



Provisions kept

- Companies needing a lot of power have to pay less
- All different types of RE are considered and differentiated by source, size of the plant and location (wind)
- Annual decrease of the tariff due to technical development (degression)



Provisions changed

New targets for the share of RES-E

- 2010: old target of at least 12,5% not mentioned anymore
- 2020: at least 20% → at least 30%
- new: after 2020 continued steady increase



Provisions changed

Higher tariffs (for 2009) for

- Biomass: small installations, CHP, cultivated biomass and farm fertilizer
- Wind on-shore: 7,87 → 9,2+0,5 ct/kWh
- Wind off-shore: 8,47 → 15 ct/kWh
- Geothermal: up to 16 ct/kWh plus bonus for using heat (2 ct/kWh) and bonus for petrothermal technology (2 ct/kWh)



Provisions changed

Higher degression for solar radiation

- From 5-6.5%/a to 8-10%/a
- Increase of the degression by 1% if more than 1500, 1700 or 1900 MW new capacity is installed in one year
- Decrease of the degression by 1% if less than 1000, 1100 or 1200 MW new capacity is installed in one year



Provisions changed

Biomass

- Higher efficiency through increased bonus for CHP (new CHP bonus for geothermal installations)
- Standards for methane leakage
- Directive for sustainability
- No tariffs for liquid biomass in installations larger than 150 kW_{el}



Provisions changed

Electricity intensive industry

- Limits for qualifying kept
 - more than 10 GWh/a,
 - ratio electricity costs - gross value added greater than 15%
- New qualification: company has to have an Eco-Management and audit scheme (EMAS) certification



Provisions changed

New empowerment for the Government on

- System to allocate costs

Old EEG

All power trader have to take an equal share of EEG-tariffs *and* EEG-power

New EEG

Transmission grid operator has to sell EEG-power on the market. Costs are shared by all power trader.

- Market integration
- System integration



Conclusions

- Basic principal of the EEG untouched
- Target has been strongly increased and prolonged
- Most tariffs have been increased
- More efficiency and climate protection
- Good basis for further increase of RES-E



Thank you very much!

More Information:

www.bmu.de

www.erneuerbare-energien.de

www.feed-in-cooperation.org