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COMMITTEE ON SUSTAINABLE ENERGY

Ad Hoc Group of Experts on Cleaner Electricity
Production from Coal and Other Fossil Fuels

First session
Geneva, 26-27 November 2007
Item 4 of the provisional agenda

REVIEW OF THE PROGRAMME OF WORK FOR 2007-2008

Note by the secretariat

1. At the preparatory meeting of the Ad Hoc Group of Experts held on 19 March, delegations requested the UNECE secretariat to prepare a draft programme of work for 2007-2008 for consideration at the first session.
2. The attached draft programme of work, based on the decisions taken at the fifteenth session of the Committee on Sustainable Energy in November 2006 (ECE/ENERGY/68/Add.1, Section I.6) as well as the discussions which took place at the preparatory meeting, is submitted to the Ad Hoc Group of Experts for consideration, prioritization and decision.

ANNEX

DRAFT PROGRAMME OF WORK FOR 2007-2008

For the period 2007-2008, the Ad Hoc Group of Experts on Cleaner Electricity Production from Coal and Other Fossil Fuels, would undertake the following activities:

- (a) **Analysis:** Review the prospects for cleaner electricity production from fossil fuels and the flow of investments in the industry with an emphasis on measures and incentives, which would promote investment in cleaner electricity production. The analysis would include the evaluation of reserve margins across the UNECE region and a comparison of related policies and regulations.
- (b) **Electricity Trade Assessment:** Explore long-distance east-west electricity trade opportunities and interconnection capacities, determine regulatory prerequisites for the promotion of investment in cleaner electricity production from fossil fuels.
- (c) **Business Strategies:** Appraise the comparative advantages of investments in new capacities, plant and end-use efficiency, structural adjustment of fuel use and the reliance on carbon capture and storage (CCS) technologies.
- (d) **Innovation:** Survey CCS awareness and readiness particularly in the UNECE emerging economies; assist in the development of compatible regulatory frameworks.
- (e) **Policy guidelines:** Foster the creation of a UNECE-wide consensus on enhancing investments in thermal generation and in transmission, in particular cross-border transfer capacities and procedures.

Norms: Begin work on developing UNECE-wide guidelines for measuring capacity adequacy in generation and transmission as well as on enhancing transparency of cross border transmission.