

**Meeting on
CDM baseline data for the power sector
CEA, Feb. 1, 2006**

Need for request for deviation due to data gaps

Axel Michaelowa
Perspectives GmbH, Germany
michaelowa@perspectives.cc
www.perspectives.cc

Why deviation?

- An approved baseline methodology requires specific data
- Data may not be available or quality of data cannot be ensured
- Projects cannot be registered
- Solution: Validator requests "deviation" from the approved methodology
 - Default data may be used
 - Less reliable data are accepted

Deviation in Brazil

- **Power sector in Brazil does not have fuel data on a power plant-specific basis**
- **All large Brazilian projects were held up for more than 6 months**
- **DNV lodged request for deviation**
- **EB defined default efficiencies for power plants according to fuel types**
 - **Coal 33%, gas combined cycle 50%, single cycle 32%, oil 33%**

Data issues in India

- **Unit-specific fuel consumption is not available**
 - Needed for build margin
- **Data for renewable electricity production are not with CEA**
 - Biomass, wind
- **Data for power production from captive power plants fed into grid lack**
- **Coal analysis is infrequent and does not allow to derive oxidation factors**
- **Data relate to fiscal, not calendar year**

Deviation need

- **Plant-specific fuel consumption instead of unit-specific**
- **Use of default oxidation factor (e.g. 98%)**
- **Exclude all captive plants as negligible share of total grid electricity (<1%)**
- **Use of fiscal year data**
- **Request should be made by a project developer using a large-scale methodology (ACM 2, 4)**

Thank you!

Further information:

www.perspectives.cc

***or:* michaelowa@perspectives.cc**