Brazilian DNA response to preliminary assessment queries submitted 08-Jun-12

[DNA response in blue font]

In response to the questions and requests sent to the Brazilian National Authority, we have made changes in order to fulfill the requests made to the Form "Proposed specific renewable technologies/measures submission form (version 01.0)". Other measures were additionally taken as listed below.

We have reproduced all your requests alternating them with our answers to each of them, as it follows.

[Secretariat request for clarification in black font]

With reference to Table 1 of the submission form, a further clarification is required on how the data in columns A and B of the table from the source www.aneel.gov.br (Brazilian Electricity Regulatory Agency (ANEEL) are derived. You may wish to provide separate excel files that support the reported data and provide the exact link from where the data/information sources are derived. Where applicable, kindly provide additional documentation supporting the submission (e.g. relevant data, documentation, statistics, studies, etc.).

We have included in Table 1 of the Form the specific source of all data used in its making. The source of the data is the Generation Information Database ("BIG - Banco de Informações de Geração" in Portuguese), contained in the Brazilian Electricity Regulatory Agency (ANEEL) webpage, which can be reached through the link below:

http://www.aneel.gov.br/aplicacoes/capacidadebrasil/capacidadebrasil.asp

All data contained in this database is updated periodically, therefore some differences can be found between the data used to compose Table 1, from January 2012, and the data that will be found in any future research in the website. In the upper right corner of the homepage of the BIG, it is possible to find the date when it was last updated, in the format DD/MM/YYYY after the expression "Atualizado em" ("Updated on").

Along with the Form, we send an Excell file containing all data used in Table 1 of the form, which is reproduced in its last sheet. In addition, to make the reading of the information contained in BIG's homepage more comprehensible, alongside each sheet's name follows the Portuguese acronym (in brackets) to which the table is referred. For instance, "PV (UFV)", meaning Photovoltaic (UFV = Usina Fotovoltaica).

With respect to the paragraph 2(d)(i) of the "Guidelines for the demonstration of additionality of microscale project activities", please note that in the specific case of wind energy technology, all the wind installations in the country shall be considered for the analysis, irrespective of the size of the wind farm, in order to derive the percentage share of wind technologies in the total installed capacity of grid connected electricity generation technologies. In other words, in the case of wind, the ratio shall be 1576/144104 = 1.1%.

The Generation Information Database contains installed capacity data for all generation technologies authorized to operate by the Brazilian National Electricity Agency (ANEEL). Thus, the Table 1 of the form we now send contains data of all wind power plants which were authorized to operate in January 2012, irrespective of their size and including all plants registered under the CDM.

Additionally, we appreciate your information about the mistake noticed in the version of the form we sent previously. In that version, the total installed capacity of thermal non-renewable technologies was double counted, which led to the grand total of 144,104MW. That grand total was excluded in the present version of the form in order to confirm that the total national installed capacity by January 2012 amounted to 119,321 MW.

Please refer to paragraph 37 of the meeting report of the thirty-sixth small-scale working group (SSC WG) <http://cdm.unfccc.int/Panels/ssc_wg> and paragraph (c)(ii) and footnote 1 of the SSC WG recommendation to the submission by the DNA of the Republic of Chili (PRT_002) available at <http://cdm.unfccc.int/DNA/submissions/index.html>.

The form we send now also contains the information that all the wind installations in the country were considered for the analysis, irrespective of the size of the wind farm.

Please confirm that the data reported in the Table 1 also covers projects in the CDM pipeline (registered/at validation) that are already in operation. It is not clear whether the most recent data available in the country is from 2009. Please confirm.

All data used to compose the Table 1 in the form was collected in the Generation Information Database, above mentioned. All data contained in this database is updated periodically, therefore some differences can be found between the data used to compose Table 1, from January 2012, and the data that will be found in any future research in the website.

The database contains installed capacity data for all generation technologies authorized to operate by the Brazilian National Electricity Agency (ANEEL). Thus, the Table 1 of the form we now send contains data of all wind power plants which were authorized to operate in January 2012, irrespective of their size and including all plants registered under the CDM.

Please note that the item 1.5 is the sum of items 1.5.1, 1.5.2 and 1.5.3. There is a mismatch in percentage figure reported under item 1.5 versus item 1.5.3. Please clarify.

We appreciate your information about the mistake above mentioned. The calculation of the percentages were all remade and the result shows a percentage of 0.43% of all renewable biomass technologies installed capacity under 5 MW in relation to the national total installed capacity (119,321 MW).

Please note that the following electricity generation technologies of installed capacity up to 15 MW are already included in the positive list of grid-connected renewable electricity generation technologies that are automatically defined as additional:

(a) Solar technologies (photovoltaic and solar thermal electricity generation);

(b) Offshore wind technologies; and

(c) Marine technologies (wave, tidal).

Therefore, these technologies need not be recommended under the scope of these guidelines ”Guidelines for demonstrating additionality of microscale project activities”.

We have excluded from the listed recommended technologies the generation technologies that are automatically defined as additional:

(a) Solar technologies (photovoltaic and solar thermal electricity generation);

(b) Offshore wind technologies; and

(c) Marine technologies (wave, tidal).