CDM: Proposed specific renewable technologies/measures submission form (version 01.0)

Submitting DNA:	Brazil
Indicate title/version of the EB guideline/procedure this submission relates to	Guidelines for demonstrating additionality of microscale project activities (version 03), Procedure for submission and consideration of microscale renewable energy technologies for automatic additionality (version 01.0)
Contact Information (name of person or office, e-mail addresses and phone contacts)	Sonia Regina Bittencourt, DNA Representative , Brazil Email address: sregina@mct.gov.br Phone : +55-161-3317-7512

Information for completing the form

1. Briefly describe the summary of the proposed submission indicating the specific renewable energy technologies being recommended

According to the guideline for demonstrating additionality of microscale project activities(version 03) and the decision of the Board (refer to the paragragh 114 of the 65th CDM EB meeting report), the Brazilian DNA hereby submits the required information concerning the total installed capacity of the following recommended renewable energy technologies.

According to paragraph 37 of the meeting report of the thirty-sixth small-scale working group (SSC WG) and with respect to the paragraph 2(d)(i) of the guidelines for the demonstration of additionality of microscale project activities, the SSC WG agreed to clarify that in the 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. This being considered, it is necessary to reinforce that ALL wind power plants sum **1.576 MW**, which represents **1.3%** of the Brazilian total installed capacity.

The recommended technologies:

- Hydro
- Wind
- Renewable Biomass

2. The following requirements shall be taken into account:

- Refer to the most recent versions of "Guidelines for demonstrating additionality of microscale project activities"[1] and "Procedure for submission and consideration of microscale renewable energy technologies for automatic additionality"[2] and attachment A of appendix B of the "Simplified modalities and procedures for small-scale CDM project activities".[3]
  - Most recent available, but not older than three years from the date of submission, data on the percentage of contributions of specific renewable energy technologies in the total installed grid connected power generation capacity in the country shall be used for calculations. Example templates are annexed to this form as table 1 and table 2;

[1] http://cdm.unfccc.int/Reference/Guidclarif/ssc/index_guid.html
[2] http://cdm.unfccc.int/Reference/Procedures/index.html
[3] Some grid connected renewable energy technologies such as solar, off-shore wind and marine technologies with capacity up to 15 MW have been already covered under positive list. See attachment A of appendix B of the "Simplified modalities and procedures for small-scale CDM project activities." (Annex 24, EB 63) .

- Include any additional documentation supporting the submission where applicable (e.g. relevant data, documentation, statistics, studies).
- Upload the above documentation to the UNFCCC CDM website, submissions may be sent to email account <secretariat@unfccc.int> until the submission interface on the UNFCCC CDM website becomes operational.

Date of submission	
Information to be completed by the secretariat	
Submission number	
Date when the form was received at UNFCCC secretariat	

Annex

Table 1: Contributions of specific renewable energy technologies (RET) in the total installed grid connected power generation capacity in the country*

	Grid connected electricity generation technology	Total installed capacity of RET <= 5MW in jan/2012 (MW) (A)	Total Installed capacity of technology in jan/2012 year (MW)[4] (B)	(C) = (A) /∑(B) in jan/2012 year[5]	(D) = (B) /∑(B) in jan/2012 year[6]	Data sources/references **Brazilian Electricity Regulatory Agency (ANEEL)** Generation Information Database (BIG): http://www.aneel.gov.br/aplicacoes/capacidadebrasil/capacidadebrasil.asp
1	**RET**	**2,000**	**119,321**			
1.1	Hydro	**761.15**	**82,831**	0.64%	69.4%	
1.2	Geothermal	**-**	0		0	
1.3	Wind	**100.59**	**1,576**	0.08%	1.3%	
1.3.1	Off-shore	-	0		0	

[4] This includes all sizes including those plants that are <=5MW

[5] ∑(B) is the total of the column (B)

[6] ∑(B) is the total of the column (B)

1.3.2	On-shore	100.59	1,576	0.08%	1.3%
1.4	Solar	**5.49**	**5.49**	0.005%	0.005%
1.5	Renewable Biomass	**516.12**	**10,035**	**0.43%**	**8.4%**
1.5.1	Biogas	**-**	**-**		
1.5.1.1	Landfill Gas	-	-		
1.5.1.2	Sludge Gas	-	-		
1.5.1.3	Other Biogas (Please specify)	-	-		
1.5.2	Wood/Wood Wastes/Other Solid Wastes	-	-		
1.5.3	Other renewable biomass	516.12	10,035	0.43%	8.4%
1.6	Marine (Wave, Tidal, Ocean)	**-**	**0**		0
2	**Grid connected non-renewable electricity generation technologies**	-na-	**24,873**	-na-	

2.1	Combustible Fossil fuel	-na-	22,866	-na-	-na-	
2.1.1	Coal	-na-	1,994	-na-	-na-	
2.1.2	Oil	-na-	7,214	-na-	-na-	
2.1.3	Gas	-na-	12,125	-na-	-na-	
2.2	Nuclear	-na-	2,007	-na-	-na-	
2.3	Other Sources (fuel cells)	-na-	1,533	-na-	-na-	

∗ The above data only include the installed grid connected power capacity and exclude autoproducer plants.

Table 2: Recommended RET for automatic additionality

	RET
1	**Hydro**
2	**Wind**
3	**Renewable Biomass**

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History of the document

Version	Date	Nature of revision(s)
01.0	EB65 Meeting Report 25 November 2011	Initial publication.
Decision Class: Regulatory **Document Type**: Form **Business Function**: Methodology		