



**CDM Proposed specific renewable technologies/
measures submission form
(Version 02.0)**

Submitting DNA:	Iran (Islamic Republic of)
Indicate title/version of the EB guideline/procedure this submission relates to:	Procedure for submission and consideration of micro-scale renewable energy technologies for automatic additionality, Version 01, EB 65 annex 33
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Signature and stamp of the authorized signatory of the DNA: 	<p>Dr. Ali Mohammad Shaeri Deputy Head for the Human Environment and Designated National Authority for CDM 10 September, 2012</p>

INFORMATION FOR COMPLETING THE FORM

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

This proposal is to propose specific renewable energy technologies (RET) to be approved by the Executive Board of the clean development mechanism (CDM) as conferring automatic additionality on microscale CDM project activities implemented in Iran. The proposal refers to Guidelines for demonstrating additionality of Microscale Project Activities (EB 63- Annex 23) and to Procedure for Submission and Consideration of Microscale Renewable Energy Technologies for Automatic Additionality (EB 65, Annex 33). Based on information derived from the Ministry of Energy (MOE) and from the Iran Power Industry Statistics (IPIS), Iran meets the requirements to recommend the following renewable energy technologies:

- Hydro
- Wind
- Renewable Biomass
- Geothermal

In particular, project activities up to 5 MW employing RET are additional, in this case, following item "d" of the mentioned Guidelines.

Please note that the following electricity generation technologies of installed capacity of up to 15MW 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 the "Guidelines for demonstrating additionality of microscale project activities."

Information presented in the attached file "IranRETmicro.xls" reflects the latest published information in English (2010~2011) about the power production in Iran, it is available from the TAVANIR, Ministry of Energy of Iran (<http://www2.tavanir.org.ir/info/stat89/sanat/html/s18.htm>).

Finally, this form is sent according to the Procedure for Submission mentioned above.

B. 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 "Guidelines on the demonstration of additionality of small-scale 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;
- 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:

SECTION BELOW TO BE FILLED IN BY UNFCCC SECRETARIAT

Submission number:

Date when the form was received at UNFCCC Secretariat:

¹ Available at: <http://cdm.unfccc.int/Reference/Guidclarif/index.html#meth>

² Available at: <http://cdm.unfccc.int/Reference/Procedures/index.html#meth>

³ According to this Guidelines (available at: <http://cdm.unfccc.int/Reference/Guidclarif/index.html#meth>), some grid connected renewable energy technologies such as solar, off-shore wind, marine technologies, household wind turbines with installed capacity up to 15 MW are already included in a positive list of technologies that are automatically defined as additional and therefore these technologies need not be recommended under the scope of this submission.

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 year 2010~2011 (MW) (A)	Total Installed capacity of technology in year 2010~2011 (MW) ⁴ (B)	(C) = (A) / $\Sigma(B)$ in year 2010~2011 (%) ⁵	Data sources/references
1	RET	95	8582	0.16%	Ministry of Energy, TAVANIR (http://www2.tavanir.org.ir/info/stat89/sanat/htm/s18.htm)
1.1	Hydro	69	8486	0.11%	"
1.2	Geothermal	0	0	0.00%	"
1.3	Wind ⁶	24	94	0.15%	"
1.3.1	Off-shore	24	94		"
1.3.2	On-shore	0	0		"
1.4	Solar-PV	0.05	0.05	0.00%	"
1.5	Renewable Biomass	1.9	1.9	0.00%	"
1.5.1	Biogas	1.9	1.9		"
1.5.1.1	Landfill Gas	1.9	1.9		"
1.5.1.2	Sludge Gas	0	0		"
1.5.1.3	Other Biogas (Please specify)	0	0		"
1.5.2	Wood/Wood Wastes/Other Solid Wastes	0	0		"
1.5.3	Other renewable biomass	0	0		"
1.6	Marine	0	0	0.00%	"
1.6.1	Wave	0	0		"
1.6.2	Tidal	0	0		"
1.6.3	Ocean	0	0		"
1.7	Other RET (Please specify)	0	0	0.00%	"

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

⁵ $\Sigma(B)$ is the total of the column (B)

⁶ 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 (see paragraph 37 of the meeting report of the thirty-sixth small scale working group available at: http://cdm.unfccc.int/Panels/ssc_wg)

