

 <b>CDM: Proposed specific renewable technologies/measures submission form (version 01.0)</b>	
<b>Submitting DNA:</b>	Chile
<b>Indicate title/version of the EB guideline/procedure this submission relates to</b>	GUIDELINES FOR DEMONSTRATING ADDITIONALITY OF MICROSCALE PROJECT ACTIVITIES / (Version 03) EB 65
<b>Contact Information (name of person or office, e-mail addresses and phone contacts)</b>	Andrea Rudnick García Climate Change Office - Ministry of Environment of Chile <a href="mailto:arudnick@mma.gob.cl">arudnick@mma.gob.cl</a>
<b>Information for completing the form</b>	
<p>1. Briefly describe the summary of the proposed submission indicating the specific renewable energy technologies being recommended</p> <p>This document contains the submission of proposed specific renewable energy technologies/measures to qualify the as conferring automatic additionality. The specific renewable energy technologies proposed for automatic additionality are grid-connected renewable energy technologies that generate only electricity of installed capacity equal to or smaller than five (5) MW.</p> <p>According to the “Guidelines for Demonstrating Additionality of Microscale Project Activities”, EB 63, Annex 23, renewable energy technologies of installed capacity equal to or smaller than 5MW are additional if any one of the four conditions established in the referred document are satisfied. In particular the Chilean DNA addresses the fourth condition:</p> <p><i>d) The project activity employs specific renewable energy technologies/measures recommended by the host country designated national authority (DNA) and approved by the Board to be additional in the host country.</i></p> <p><i>ii) The ratio of installed capacity of the specific grid connected renewable energy technology in the total installed grid connected power generation capacity in the host country shall be equal to or less than 3 per cent.</i></p> <p>Therefore, this submission demonstrates the conditionality that the ratio of the total installed capacity of all grid-connected hydropower plants with capacity equal to or smaller than 5MW and the national grid-connected installed electricity generation is less than 3 per cent in Chile.</p> <p>The present demonstration of additionality used the most recent complete data series available from year 2010 of the National Energy Commission of the Ministry of Energy of Chile.</p> <p>The detailed calculation is presented in the attached spreadsheet named “Chile_demonstration_additionality_microscale.xls”.</p> <p>The specific renewable energy technologies recommended for the automatic additionality are:</p> <ul style="list-style-type: none"> <li>- Hydro</li> <li>- Wind</li> <li>- Renewable Biomass</li> <li>- Geothermal</li> <li>- Solar-PV</li> <li>- Marine</li> </ul>	
<p>2. The following requirements shall be taken into account:</p> <p><input type="checkbox"/> Refer to the most recent versions of “Guidelines for demonstrating additionality of microscale project activities”<sup>1</sup> and “Procedure for submission and consideration of microscale renewable</p>	

<sup>1</sup> [http://cdm.unfccc.int/Reference/Guidclarif/ssc/index\\_guid.html](http://cdm.unfccc.int/Reference/Guidclarif/ssc/index_guid.html)

<p>energy technologies for automatic additionality”<sup>2</sup> and attachment A of appendix B of the “Simplified modalities and procedures for small-scale CDM project activities”.<sup>3</sup></p> <ul style="list-style-type: none"> <li>○ 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;</li> <li>□ Include any additional documentation supporting the submission where applicable (e.g. relevant data, documentation, statistics, studies).</li> <li>□ Upload the above documentation to the UNFCCC CDM website, submissions may be sent to email account &lt;<a href="mailto:secretariat@unfccc.int">secretariat@unfccc.int</a>&gt; until the submission interface on the UNFCCC CDM website becomes operational.</li> </ul>	
Date of submission	23/02/2012
<b>Information to be completed by the secretariat</b>	
Submission number	
Date when the form was received at UNFCCC secretariat	

<sup>2</sup> <http://cdm.unfccc.int/Reference/Procedures/index.html>

<sup>3</sup> 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).

## 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 y (MW) (A)	Total Installed capacity of technology in year y (MW) <sup>4</sup> (B)	(C) = (A) / $\sum(B)$ in year y (%) <sup>5</sup>	Data sources/references
<b>1</b>	<b>RET</b>				
1.1	Hydro	<b>11.40</b>	5,375.71	0.07	National Energy Commission, 2010
1.2	Geothermal	0.00	0.00	0.00	
1.3	Wind				
1.3.1	Off-shore	0.00	0.00	0.00	
1.3.2	On-shore	<b>1.98</b>	162.51	0.01	National Energy Commission, 2010
1.4	Solar-PV	0.00	0.00	0.00	
1.5	Renewable Biomass	<b>4.00</b>	216.98	0.03	National Energy Commission, 2010
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				
1.6	Marine	0.00	0.00	0.00	
1.6.1	Wave				
1.6.2	Tidal				
1.6.3	Ocean				

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

<sup>5</sup>  $\sum(B)$  is the total of the column ( B )

1.7	Other RET (Please specify)	0.00	0.00	0.00	
1.7.1					
<b>2</b>	<b>Grid connected non-renewable electricity generation technologies</b>				
2.1	Combustible Fossil fuel	-na-		-na-	
2.1.1	Coal	-na-	1,928.60	-na-	National Energy Commission, 2010
2.1.2	Oil	-na-	2,110.61	-na-	National Energy Commission, 2010
2.1.3	Gas	-na-	2,532.50	-na-	National Energy Commission, 2010
2.1.4	Others ( Please specify)	-na-		-na-	
2.1.4.1	Mixture	-na-	3,231.09	-na-	National Energy Commission, 2010
2.2	Nuclear	-na-	0.00	-na-	
2.3	Other Sources (Please specify)	-na-	0.00	-na-	
.....		-na-		-na-	
<b>3</b>	<b>Total</b>	-na-	<b>15,558.00</b>	-na-	

Table 2: Recommended RET for automatic additionality

	RET
1	Hydro
2	Wind
3	Renewable Biomass
4	Geothermal
5	Solar-PV
6	Marine

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## History of the document

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