

	CDM: Proposed New Methodology Meth Panel summary recommendation to the Executive Board (version 01) <i>(To be used by the Meth Panel in addition to the full recommendation to the Board regarding a proposed new methodology (F-CDM-NMmp))</i>
<i>Date and number of Meth Panel meeting:</i>	04 - 07 April 2006; Meth Panel 20
<i>Related F-CDM-NM document ID number (electronically available to EB members)</i>	F-CDM-NM0112rev: “Increased electricity generation from existing hydropower stations through Decision Support System optimization”
<i>Title of proposed new baseline methodology:</i>	Increased electricity generation from existing hydropower stations through Decision Support System (DSS) optimization
<i>Title of underlying project activity:</i>	Increased electricity generation from existing hydropower stations through Decision Support System optimization in Azerbaijan
<i>History of submission: (new section)</i>	First submission (Round 11; 01 June 2005) Final recommendation at Meth 17 Second submission (Round 13; 05 October 2005) Clarifications received in response to preliminary recommendation at Meth Panel 19 Final recommendation at Meth Panel 20
1. One sentence describing the purpose of the methodology. <i>(new section)</i>	
>> The methodology estimates the emissions reductions associated with increased electricity generation from existing hydropower stations through Decision Support System (DSS) optimization.	
2. Suggested applicability of methodology <i>(former section A.I and B.I)</i>	
>> <ul style="list-style-type: none"> • To existing hydropower generation units and reservoir capacity. The methodology can include multiple units linked in a cascade including both run of the river and reservoir-based units. • To hydropower systems that lack advanced Decision Support System optimization controls and modelling required to optimize generation potential. • Only to those power generation units that have not undergone significant upgrades beyond basic maintenance, which would affect the expected operational efficiency levels during the duration of the project. • Only where either no additional hydro power units are located down river from the last unit within the project boundary, or the first hydro unit downstream from the final hydro unit within the project boundaries has the capacity to regulate at least 24 hours of maximum flow from upstream (24 hour capacity in m³ = Mean annual flow m³/s *24 hr*3600 s/hr). 	

3. Summary description of baseline methodology . Short statements on each on how the proposed methodology: <i>(chooses the baseline scenario, demonstrates additionality, calculates baseline emissions, calculates project emissions, calculates leakage, calculates emission reductions)</i> <i>(former section B.I.)</i>
<p>>> This methodology provides a means to parameterize the historical relationship between river flow (or volume) and generation. The actual generation under DSS operation for a given flow can then be compared to the generation under the historical operation, for the same flow. [Decision Support Tools are designed to calculate the optimal use of the generating capacity of a hydro generating unit or a series of hydro generating units by taking advantage of all the controllable factors (head, reservoir capacity, spillage, time of use, etc.) and best available information.]</p> <p>This difference in generation is summed over each week of the year to establish the total amount of additional energy generated (in megawatt-hours). This energy is assumed to displace the other grid based electricity sources; for this purpose, ACM0002 “Consolidated methodology for grid-connected electricity generation from renewable sources” is applied to estimate these emissions.</p>
4. Suggested “recommendation level” for the baseline and monitoring methodologies (A, B or C). <i>(former section A.I and A.II.)</i>
>> A.. To be approved.
5. Major reasons for B/C choice from the proposed baseline methodology: (outline the major reasons for needing revision/rejection) <i>(former section A.I.)</i>
>>
6. Any major issues arising from the assessment of the proposed monitoring methodology (if different to those already raised above). <i>(former section A.II.)</i>
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7. Any other issues arising to be stated, if necessary (e.g. cross-cutting, general or precedent-setting issues raised by the proposed new baseline or monitoring methodology).
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Signature of Meth Panel Chair

Date: 13/04/2006

(Rajesh Kumar Sethi)



Signature of Meth Panel Vice-Chair

Date: 13/04/2006

(Jean-Jacques Becker)

Information to be completed by the secretariat

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