

Part 1 Energy Efficiency

NDC 1-3 Energy Efficiency and Performance Verification

Actual Assessment Submission ☐Site Verification Submission ☐

Criteria	Credit Available	Credit Claimed
(i) 1-3-1 Commissioning of Energy System	4	
(ii) 1-3-2 Measurement and Verification Plan	3	
(iii) 1-3-3 Energy Metering and Reporting of PUE	3	

Strategies:

Documentary Evidences:

Order of documents to be submitted accordingly and clearly labeled.

Actual Assessment	Submitter	Assessor
<i>1-3 -1 Commissioning of Energy System</i>		
1. Instrument's calibration certificates from accredited laboratory or batch calibration certificates from manufacturer.	<input type="checkbox"/>	<input type="checkbox"/>
2. Schematic drawing showing the location of the digital power meters, flow meters and temperature sensors.	<input type="checkbox"/>	<input type="checkbox"/>
3. Summary of instruments, standard and measurement accuracy to be presented in the prescribed format.	<input type="checkbox"/>	<input type="checkbox"/>
4. Technical specification of the digital power meters, flow meters and temperature sensors.	<input type="checkbox"/>	<input type="checkbox"/>
5. Draft of the commissioning plan	<input type="checkbox"/>	<input type="checkbox"/>
<i>1-3-2 Measurement and Verification Plan</i>		
1. Draft of the measurement and verification plan	<input type="checkbox"/>	<input type="checkbox"/>
2. Draft of the process for corrective action if the result of the M&V plan indicate that energy saving are not being achieved	<input type="checkbox"/>	<input type="checkbox"/>
<i>1-3-3 Energy Metering and Reporting of PUE</i>		
1. Instrument's calibration certificates from accredited laboratory or batch calibration certificates from manufacturer.	<input type="checkbox"/>	<input type="checkbox"/>
2. Schematic drawing showing the location of the digital power meters, flow meters and temperature sensors.	<input type="checkbox"/>	<input type="checkbox"/>
3. Summary of instruments, standard and measurement accuracy to be presented in the prescribed format.	<input type="checkbox"/>	<input type="checkbox"/>
4. Technical specification of the digital power meters, flow meters and temperature sensors.	<input type="checkbox"/>	<input type="checkbox"/>

Site Verification		Submitter	Assessor
<i>1-3 -1 Commissioning of Energy System</i>			
1.	Instrument's calibration certificates from accredited laboratory or batch calibration certificates from manufacturer.	<input type="checkbox"/>	<input type="checkbox"/>
2.	As built schematic drawing showing the location of the digital power meters, flow meters and temperature sensors.	<input type="checkbox"/>	<input type="checkbox"/>
3.	Summary of instruments, standard and measurement accuracy to be presented in the prescribed format.	<input type="checkbox"/>	<input type="checkbox"/>
4.	Technical specification of the digital power meters, flow meters and temperature sensors.	<input type="checkbox"/>	<input type="checkbox"/>
5.	Commissioning report	<input type="checkbox"/>	<input type="checkbox"/>
<i>1-3-2 Measurement and Verification Plan</i>			
1.	Measurement and Verification report	<input type="checkbox"/>	<input type="checkbox"/>
2.	Corrective action if result of the M&V report indicate that energy saving is not being achieved	<input type="checkbox"/>	<input type="checkbox"/>
<i>1-3-3 Energy Metering and Reporting of PUE</i>			
1.	Instrument's calibration certificates from accredited laboratory or batch calibration certificates from manufacturer.	<input type="checkbox"/>	<input type="checkbox"/>
2.	Schematic drawing showing the location of the digital power meters, flow meters and temperature sensors.	<input type="checkbox"/>	<input type="checkbox"/>
3.	Summary of instruments, standard and measurement accuracy to be presented in the prescribed format.	<input type="checkbox"/>	<input type="checkbox"/>
4.	Technical specification of the digital power meters, flow meters and temperature sensors.	<input type="checkbox"/>	<input type="checkbox"/>
5.	Heat balance test result	<input type="checkbox"/>	<input type="checkbox"/>
6.	Data of each of the energy metering	<input type="checkbox"/>	<input type="checkbox"/>
7.	Reporting of the PUE	<input type="checkbox"/>	<input type="checkbox"/>