

Terms of Reference for a
PPR Expert for Washing Machines and Electric Fans

Date	8 February 2018
Service required	Development of Particular Product Requirements (PPR) regarding Energy Efficiency for Electric Comfort Fans and Domestic Washing Machines
Donor	European Union (EU)
Programme Beneficiary	Department of Energy
Contracting Agency	GIZ – Deutsche Gesellschaft für Internationale Zusammenarbeit mbH
Work day inputs and duration of assignment	30 days over a period of 2 months
Location of assignment	Manila

DESCRIPTION OF THE SPECIFIC ASSIGNMENT

The expert will revise the existing draft of Particular Product Requirements (PPRs) for washing machines and develop such PPRs for electric comfort fans. Such PPRs will include minimum energy performance standards and rating levels for the labelling depending on the type and functions of the appliances, as well as references for the testing standards.

Under supervision by the ASEP Work Package Manager for Energy Efficiency and the Energy Efficiency Team of ASEP, the expert will revise and elaborate Particular Product Requirements (PPRs), taking into account the specific Philippine market conditions:

1. Review and recommend improvements to the existing PPRs for washing machines based on the results of the market survey that will be conducted parallel to this assignment. The PPRs will follow the structure of those for refrigerators and air-conditioners and should reflect the different models and functions of washing machines available on the Philippine domestic market.

Output is a revised version of the PPR for domestic washing machines in close coordination with DOE and concerned ASEP NKEs.

2. Elaborate PPRs for electric comfort fans based on the market survey on such appliances, being conducted in parallel to this assignment. The PPRs should in particular reflect the different sizes and types of electric comfort fans and follow in structure and content those PPRs established for refrigerators and air-conditioners.

Output is a draft PPR for electric comfort fans in close coordination with DOE and concerned ASEP NKEs.

3. Recommend minimum thresholds for efficiency in such manner that about 20% of all models in each segment will be banned from the market due to insufficient performance. Furthermore, only few models should fall into the highest rating category to allow for sufficient market shift and product improvements towards higher efficient models in the future.

Output is a recommendation on the minimum thresholds for washing machines and electric fans.

The expert is expected to submit separate reports for both types of appliances. The most important findings should be presented to ASEP and DOE after each report has been completed.

Moreover, the expert will present the final results in a meeting to ASEP, DOE and the Technical Working Group on PPRs for washing machines and electric fans.