

AIB Press Release

Results for 2015 Electricity Residual Mixes published by AIB

13 May 2016



The AIB is now proud to publish the European Residual Mixes and European Attribute Mix of 2015, which has been prepared by Grexel on its behalf, assisted by Ostfoldforskning and Econvent.

A residual mix is needed for reliable disclosure of electricity consumption where Guarantees of Origin (or in some cases other legally accepted tracking instruments) are not used. Due to the international nature of the Guarantee of Origin (GO) market, the European Attribute Mix is needed by energy authorities to calculate the residual mix for their respective country.

The Results of the calculation can be found [here](#):

The presence of a reliably calculated Residual Mix makes the entire disclosure system reliable, by determining and correctly disclosing to consumers that are purchasing a non-specific type of electricity, what energy origin is left in the power system after explicit tracking by means of GOs.

To avoid so-called “expanding” of energy origin in all cases where GOs are exported, a coordinated European Attribute Mix needs to be calculated and applied. This is why AIB’s coordination of the **EAM calculation complements the HUB service of the AIB extremely well**: it informs countries of the origin of the energy they receive in return, when GOs are exported via the AIB HUB. This is a prerequisite for a complete and reliable electricity disclosure scheme, and closes the loop for the HUB service.

At the same time, it is important to remember that Residual Mixes can be seen as an intermediary step towards a full disclosure system where all electricity disclosure is done through GOs. This is supported by [AIB’s reflection paper](#). Indeed, if all electricity was explicitly tracked through GOs, no residual mix would be needed – which would improve the reliability, accuracy, efficiency and credibility of the disclosure system.

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AIB represents European certificate system administrators, and is the leading enabler of international energy certificate schemes throughout Europe, and in particular those relating to guarantees of origin under Directives 2009/28/EC and 2012/28/EC. The AIB has developed, uses and promotes a standardised system: the European Energy Certificate System - EECs – which ensures the reliable operation of international certificate schemes. These schemes satisfy the criteria of objectivity, non-discrimination, transparency and cost effectiveness in order to facilitate the international exchange of certificates. In order to further facilitate the international exchange between energy certificates, the AIB operates an inter-registry telecommunications Hub. The AIB also provides a knowledge centre for energy certificate authorities across Europe, providing and sharing advice and guidance.

Grexel is the leading provider of energy certification services in Europe. Since 2001 Grexel has been assisting various countries in the implementation of reliable electricity tracking and disclosure schemes through providing energy certificate registry systems and related services. Since 2010, it has been responsible for centralising calculations of the European Attribute Mix and Residual Mixes for Europe, through the [RE-DISS project](#).