

MRV and MMR Solar PV

Показна вежба

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Table 2: Available results of ex-ante and ex-post assessments of the effects of individual or groups of policies and measures on mitigation of climate change

Policy or measure or groups of policies and measures	Policy impacting EU ETS or ESD emissions (both can be selected)			Ex-ante assessment												Ex-post assessment				
	EU ETS	ESD	LULUCF	GHG emissions reductions in t (kt CO ₂ -eq/year)			GHG emissions reductions in t+5 (kt CO ₂ -eq/year)			GHG emissions reductions in t+10 (kt CO ₂ -eq/year)			GHG emissions reductions in t+15 (kt CO ₂ -eq/year)			Year for which reduction applies	Average reduction on (kt CO ₂ -eq/year)	Explanation of the basis for the mitigation estimates	Factors affected by PAM	Documentation/Source of estimation if available provide a web link of the report where the figure is referenced from
				Total	EU ETS	ESD	Total	EU ETS	ESD	Total	EU ETS	ESD	Total	EU ETS	ESD					
Photovoltaic Power Plants	n/a	n/a	n/a	n/a	n/a	n/a	15	n/a	n/a	84	n/a	n/a	90	n/a	n/a					

- Average emission reduction (kt CO₂-eq/year) = (Actual electricity generation from PV in given year (MWh) – Electricity generation from PV in WOM in given year (MWh)) * Emission factor (kt CO₂-eq / MWh)
- Average emission reduction is calculated by at latest by ...
- WOM = without measures

- Where to find actual electricity generation from PV in given year?
 - MEPSO – maybe, but they might have only connected subsidized plants data, what about the rest?
 - ERC - not the best institution, since it is regulatory institution, no data collection
 - DZS - the best institution since it has to deliver data to Eurostat
 - MANU - not good institution, this is analytical institution)

- Where to find electricity generation from PV in WOM in given year?
 - Should be based on latest analytical work of MANU (FBUR, or INDC)

- Where to find emission factor?
 - It should be consistent for all electricity supply side PAMs
 - Can be either:
 - average yearly WOM emission factor, or
 - emission factor of marginal technology that would otherwise have to be applied, which may be coal or import
 - Should be based on latest analytical work of MANU (FBUR, or INDC)