

Chris Papageorgiou, Marianne Saam, and Patrick Schulte (2017) "Substitution between clean and dirty energy inputs: A macroeconomic perspective," *The Review of Economics and Statistics*, 281-290.

This document describes the dataset PSS2017

The source data is available from the *REStat* journal website, or the file `dataverse_files.zip` at <https://dataverse.harvard.edu/dataset.xhtml?persistentId=doi:10.7910/DVN/67QCH2>

The data for PSS2017 are extracted from the data file "electricity_sector.dta".

The file contains data on 26 countries for the years 1995-2009.

The variable definitions are as follows.

country	country name
year	1995 - 2009
EG_total	Net electricity production (GWh) total plants
EC_total	Net electrical capacity total plants
EC_c	Net installed clean generation capacity (MW)
EC_d	Net installed dirty generation capacity (MW)
FU_c	Fuel input in clean electricity generating technologies (in TJ)
FU_d	Fuel input in dirty electricity generating technologies (in TJ)
FU_total	Fuel input in electricity generating technologies (in TJ)
EC_c_alt	Alternative Capital Proxy: Capital stock associated with clean technologies (EIA based)
EC_d_alt	Alternative Capital Proxy: Capital stock associated with dirty technologies (EIA based)