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Ángel Arcos-Vargas  
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# Grid Parity and Carbon Footprint

An Analysis for  
Residential Solar  
Energy in the  
Mediterranean Area

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# Nomenclature

Capex	Capital expenditure
DHA	Time discrimination with two periods
DHS	Time discrimination with three periods
EPBC	Energy payback time
GHG	Greenhouse gases
GR	Growth rate
HP	High price scenario
INDC	Intended Nationally Determined Contribution
IRR	Internal rate of return
LCA	Life-cycle assessment
LCOE	Levelized cost of electricity
LP	Low price scenario
LR	Learning rate
NPV	Net present value
Opex	Costs of annual operations and maintenance
PR	Progress ratio
PV	Photovoltaic
REE	Red Eléctrica de España
RTE	Réseau de Transport d'Electricité
UNFCCC	United Nations Framework Convention for Climate Change
VAT	Value-added tax
WACC	Weighted average cost of capital

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