1. Record Nr. UNINA9910703227503321

Autore	Drury Easan
Titolo	The impact of different economic performance metrics on the perceived value of solar photovoltaics [[electronic resource] /] / Easan Drury, Paul Denholm, and Robert Margolis
Pubbl/distr/stampa	Golden, CO : , : National Renewable Energy Laboratory, U.S. Dept. of Energy, Office of Energy Efficiency and Renewable Energy, , [2011]
Descrizione fisica	1 online resource (53 pages) : illustrations (some color)
Collana	Technical report ; ; NREL/TP-6A20-52197
Altri autori (Persone)	DenholmP (Paul) MargolisRobert M (Robert Mark)
Soggetti	Photovoltaic power generation - Economic aspects Distributed resources (Electric utilities) - Economic aspects Investment analysis - Mathematical models
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed Dec. 19, 2011). "October 2011."
Sommario/riassunto	Photovoltaic (PV) systems are installed by several types of market participants, ranging from residential customers to large-scale project developers and utilities. Each type of market participant frequently uses a different economic performance metric to characterize PV value because they are looking for different types of returns from a PV investment. This report finds that different economic performance metrics frequently show different price thresholds for when a PV investment becomes profitable or attractive. Several project parameters, such as financing terms, can have a significant impact on some metrics [e.g., internal rate of return (IRR), net present value (NPV), and benefit-to-cost (B/C) ratio] while having a minimal impact on other metrics (e.g., simple payback time). As such, the choice of economic performance metric by different customer types can significantly shape each customer's perception of PV investment value and ultimately their adoption decision.