

NESP DER Non-Energy Benefits Research Sources

Summer 2021

Type of Study (General or State-specific)	Date	Source(w/link)	Author / Organization	DER Type(s)	Host-Customer Impacts										Societal Impacts						Methodology Included		
					Asset Value	Comfort	Empowerment & Control	Environmental	Economic Well-Being	Health & Safety	Power Quality	Productivity	Reliability	Risk	Satisfaction & Pride	Low-Income Societal	GHG Emissions	Other Environmental	Economic Development	Public Health		Energy Security	Resilience
General	3/30/2016	The Value of DERs to "D"	Analysis Group	All DERs			X	X							X		X				X		
General	10/1/2016	The Value of Rooftop Solar Power for Consumers and Society	Frontier Group and Environment America	DS DG													X		X	X		X	X
General	12/1/2016	Value Assessment of Plug-In EV	National Renewable Energy Lab	EV					X								X		X	X	X		X
General	9/1/2017	Assessing Value of Dist. Solar	Yale University (Harari, Kaufman)	DG				X	X			X	X				X		X			X	X
General	2/1/2018	PNNL: Distributed Generation Valuation and Compensation	Pacific Northwest National Laboratory	DG		X				X							X					X	
General	10/1/2018	Microgrid Cost Study NREL	National Renewable Energy Lab	DG																			
General	12/1/2018	Implementation of Community Solar for LMI	National Renewable Energy Lab	DG					X							X							X
General	2/1/2019	E3 Storage Capabilities Overview	E3: Energy & Environmental Economics	DS DG					X										X				X
General	4/1/2019	The Value of Resilience for Distributed Energy Resources - An Overview of Current Analytical Practices	National Association of Regulatory Utility Commissioners (NARUC)	DG									X									X	X
General	5/1/2018	Review of Recent Cost-Benefits Studies Related to Net Metering and Distributed Solar	ICF	DG				X		X		X						X	X			X	X
General	5/1/2019	Stakeholder Costs and Benefits of Distributed Energy Resources on	Carnegie Mellon U (Keen)	All DERs					X								X						X

