



PEER™

PERFORMANCE
EXCELLENCE IN
ELECTRICITY
RENEWAL

PEER

The first comprehensive framework
for assessing and verifying the
performance of electricity
infrastructure and power systems.



Market Transformation through PEER:
***Enabling the Achievement of Global
Development Goals***

RESILIENCY



A photograph of two white wind turbines on a dark, grassy hill. In the background, a large body of water is visible, surrounded by layers of mountains under a sunset sky with soft orange and blue tones. The text "ENVIRONMENTAL IMPACT REDUCTION" is overlaid in white, bold, sans-serif font across the center of the image.

ENVIRONMENTAL IMPACT REDUCTION

Equitable Access to Reliable Power



participation of customers



An aerial night photograph of a city, showing a dense grid of streets and buildings illuminated by lights. The lights create a complex pattern of orange and yellow against the dark background of the city and surrounding areas. The text "MODERN GRID INFRASTRUCTURE" is overlaid in white, bold, sans-serif font in the center of the image.

MODERN GRID INFRASTRUCTURE

MOVEMENT BUILDING:

USE RATING SYSTEM TO IMPLEMENT GLOBAL GOALS AT A PROJECT LEVEL

BUILD A COMMUNITY OF COMMITTED PROFESSIONALS

FACILITATE THE DEVELOPMENT OF REGIONAL & LOCAL POLICY FOR SCALE





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What is
PEER
Project?



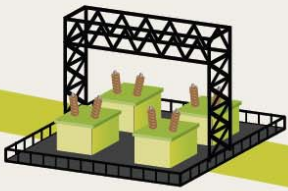
Critical Infrastructure
hospitals
military installations
data centers
airports
transit systems

Private Microgrids & Campuses
universities
research facilities
manufacturing
distribution centers
corporate campuses

Downtown Resiliency
Microgrids
Utility Microgrids
Municipal Utilities
Electrical Co-ops

External to Project Site

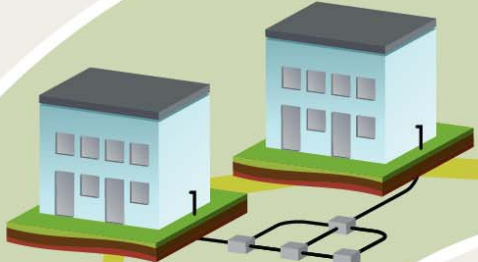
Project Site



Local Utility Substation



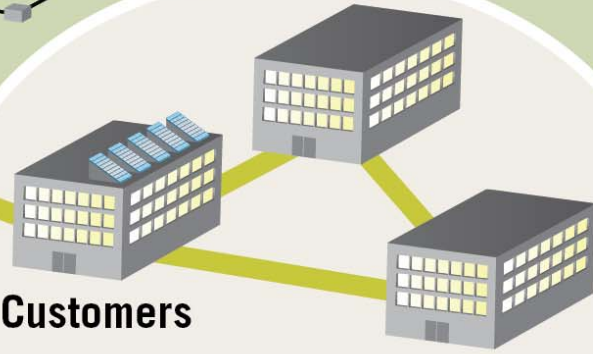
Meter



Local Substation



Backup Generator

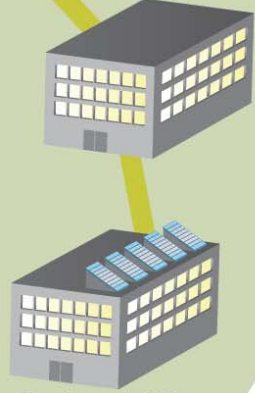


Customers

Internal Boundary of Project Site



Distributed Generation



Solar PV

**RELIABILITY &
RESILIENCY**

**ENERGY EFFICIENCY
& ENVIRONMENT**

**OPERATIONAL
EFFECTIVENESS**

**CUSTOMER
CONTRIBUTION**



PEER Scoring

5 PREREQUISITES + 31 CREDITS

Certification Levels	MINIMUM POINTS REQUIRED
Platinum	80+ points
Gold	60-79 points
Silver	50-59 points
Certified	40-49 points



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Project Name:

Date:

Y ? N

0	0	0	Reliability and Resiliency		30
Y			Prereq	Reliability Performance Monitoring	Required
			Credit	Reliability Performance Assessment	6
			Credit	Momentary Interruption Tracking	1
			Credit	Damage and Exposure Prevention	6
			Credit	Distribution Redundancy and Auto Restoration	2
			Credit	Alternate Sources of Supply	5
			Credit	Power Surety and Resiliency	5
			Credit	Power Quality Capabilities	5

0	0	0	Energy Efficiency and Environment		25
Y			Prereq	Environmental Performance Disclosure	Required
Y			Prereq	System Energy Efficiency Coefficient Disclosure	Required
			Credit	Environmental Performance Improvement	10
			Credit	System Energy Efficiency Coefficient Improvement	3
			Credit	Green Power and Carbon Offset	4
			Credit	Distributed Energy Resources	6
			Credit	Environmental Impacts Assessment, Disclosure and Manage	2

0	0	0	Operations, Management and Safety		21
Y			Prereq	Triple Bottom Line Analysis	Required
			Credit	Risk Assessment and Mitigation	4
			Credit	Emergency Response Planning	3
			Credit	Safety Review Process	2
			Credit	Operational Processes	4
			Credit	Advanced Metering Infrastructure	3
			Credit	Master Controller	3
			Credit	Communication Network and Information Processing	2

0	0	0	Grid Services		24
Y			Prereq	Consumer and Load Survey	Required
			Credit	Customer Engagement	3
			Credit	Load Duration Curve Optimization	3
			Credit	Data Privacy and Cybersecurity	2
			Credit	Access to Energy Usage Data	4
			Credit	Supply Choice	1
			Credit	Demand-side Management	3
			Credit	Demand Response	2
			Credit	Streamlined Interconnection and Net Metering Policies	4
			Credit	Other Tools and Financial Incentives	1
			Credit	Aggregation	1

0	0	0	Innovation and Exemplary Performance		6
			Credit	Innovation: Specific Innovation	1
			Credit	Innovation: Specific Innovation	1
			Credit	Innovation: Education	1
			Credit	Exemplary Performance: Specific Credit	1
			Credit	Exemplary Performance: Specific Credit	1
			Credit	Exemplary Performance: Specific Credit	1

0	0	0	Regional Priority		4
			Credit	Regional Priority: Specific Credit	1
			Credit	Regional Priority: Specific Credit	1
			Credit	Regional Priority: Specific Credit	1
			Credit	Regional Priority: Specific Credit	1

0	0	0	TOTALS		10
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Certified: 40 to 49 points, Silver: 50 to 59 points, Gold: 60 to 79 points, Platinum: 80 to 110