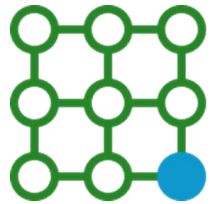


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Policy Pathways for a High DER Future in California

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California Energy Commission

DER Workshop

June 1, 2022

Microgrids & DERs Achieve Core California Objectives

Decarbonization

Resiliency

Reliability

Innovation

Community
Empowerment

Sustainability

Designing the Grid for the Future

Energy Market Evolution

- Diversification of market participants, technologies, and solutions
- Performance-based regulation
- Value-based compensation

Strategic Decentralization and Grid Modernization

- Microgrid/DER optimization and digital transformation
- Energy affordability and infrastructure cost management
- Climate and wildfire risk mitigation

Embracing Consumer Investment and Empowering Communities

- Grid services revenue = communities building wealth
- Finance resiliency at the community level
- Acknowledge intrinsic benefit and maximize value of customer investments

Policy Pathways to California's High DER Future

Create an open access Distribution System Operator (DSO) with Performance Based Regulation (PBR) framework

Invest in Community Energy Resilience – Fund Local Gov Planning & Implementation

Change PUC 218 to explicitly encourage microgrids owned and controlled by communities

Develop dynamic tariffs that promote local electron sharing between neighbors and within communities

Develop value-based compensation for consumers to provide grid services and load flexibility

Promote an interconnected, digitized, transactive energy future for all

Microgrids & Distributed Energy Resources



Clean, Affordable, Reliable, Equitable, and Safe

Thank You!

Allie Detrio

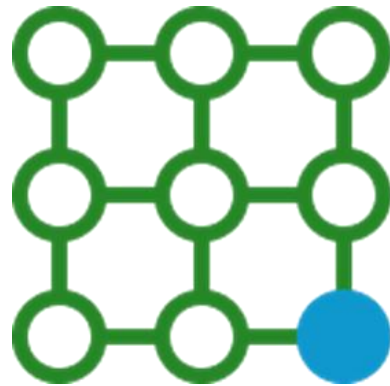
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