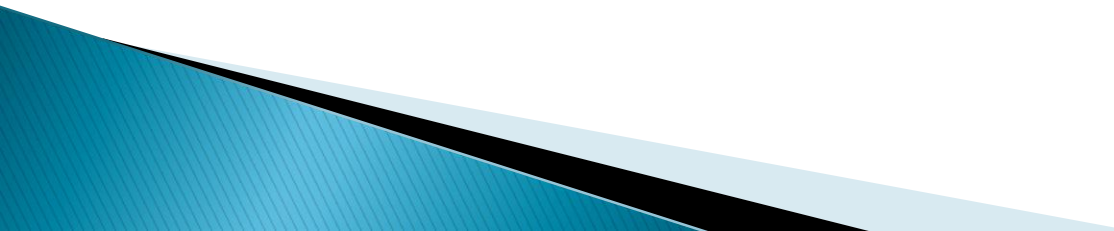


Implementation of the Community Renewable Energy Act The Role of the Public Service Commission

Betty Ann Kane
Chairman, DCPSC
Presentation to the Sierra Club
January 22, 2014

Summary

- ▶ CREA in context
 - ▶ RPS
 - ▶ Solar Carve Out
 - ▶ Net Metering
 - ▶ Interconnection
 - ▶ Certification
 - ▶ Additional Rules
 - ▶ Matters not under the PSC
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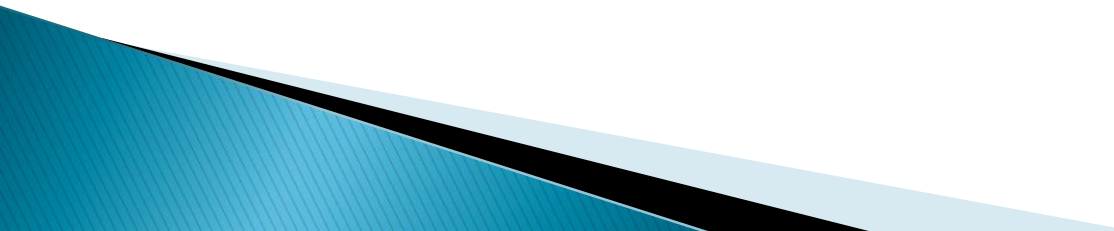
PSC Enforces the Renewable Portfolio Standards Law

- ▶ RPS an obligation on each retail supplier
- ▶ Annual reporting to PSC on compliance
- ▶ Cost, including any alternate compliance fee, is passed on to the customer
- ▶ Fees go to the Renewable Energy Development Fund administered by DDOE

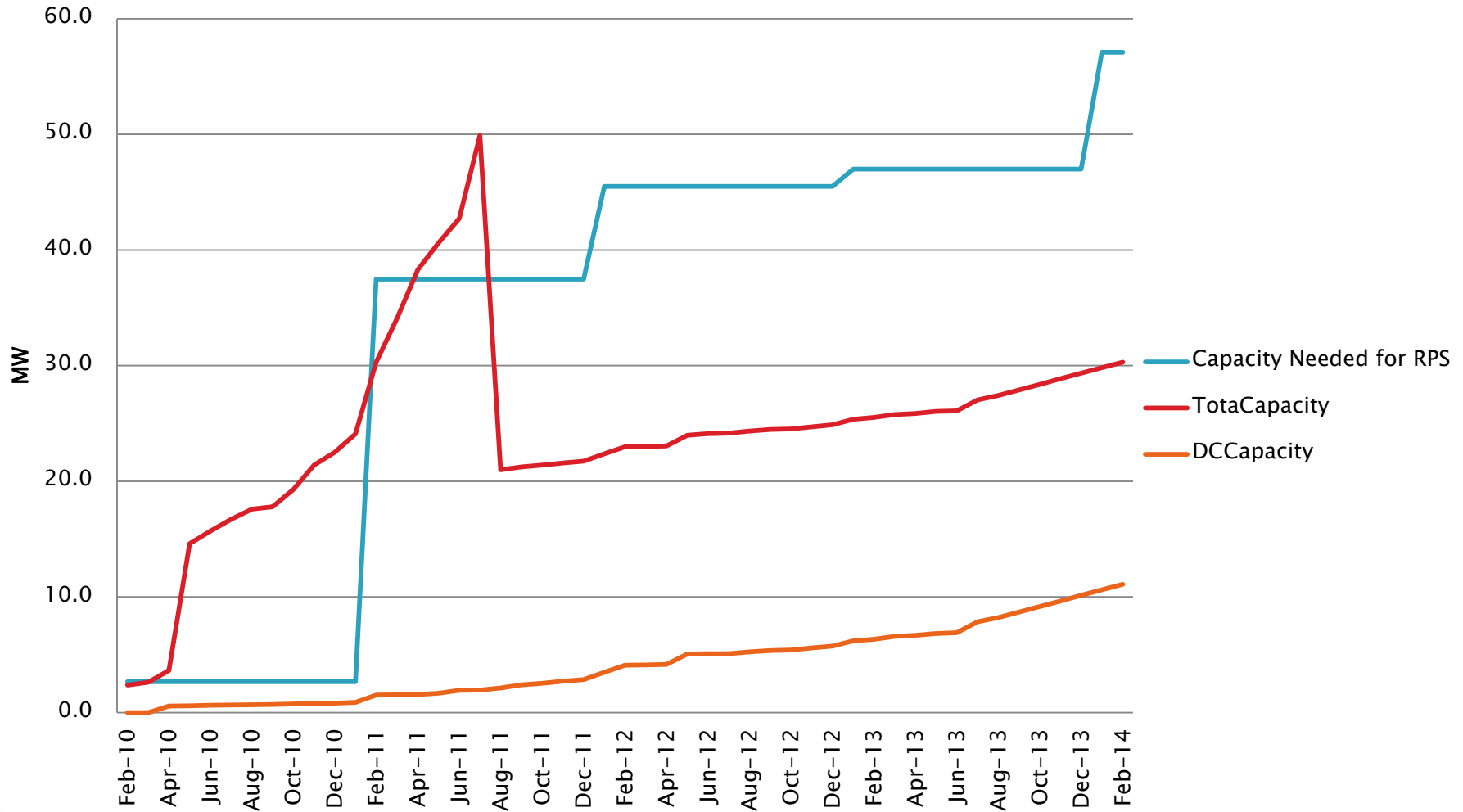
Annual Increase in RPS

Year	Tier 1	Tier 2	Solar
2011	4%	2.5%	0.40%
2012	5%	2.5%	0.50%
2013	6.5%	2.5%	0.50%
2014	8%	2.5%	0.60%
2015	9.5%	2.5%	0.70%
2016	11.5%	2%	0.825%
2017	13.5%	1.5%	0.98%
2018	15.5%	1%	1.15%
2019	17.5%	0.5%	1.35%
2020	20%	0%	1.58%
2021	20%	0%	1.85%
2022	20%	0%	2.175%
2023	20%	0%	2.50%

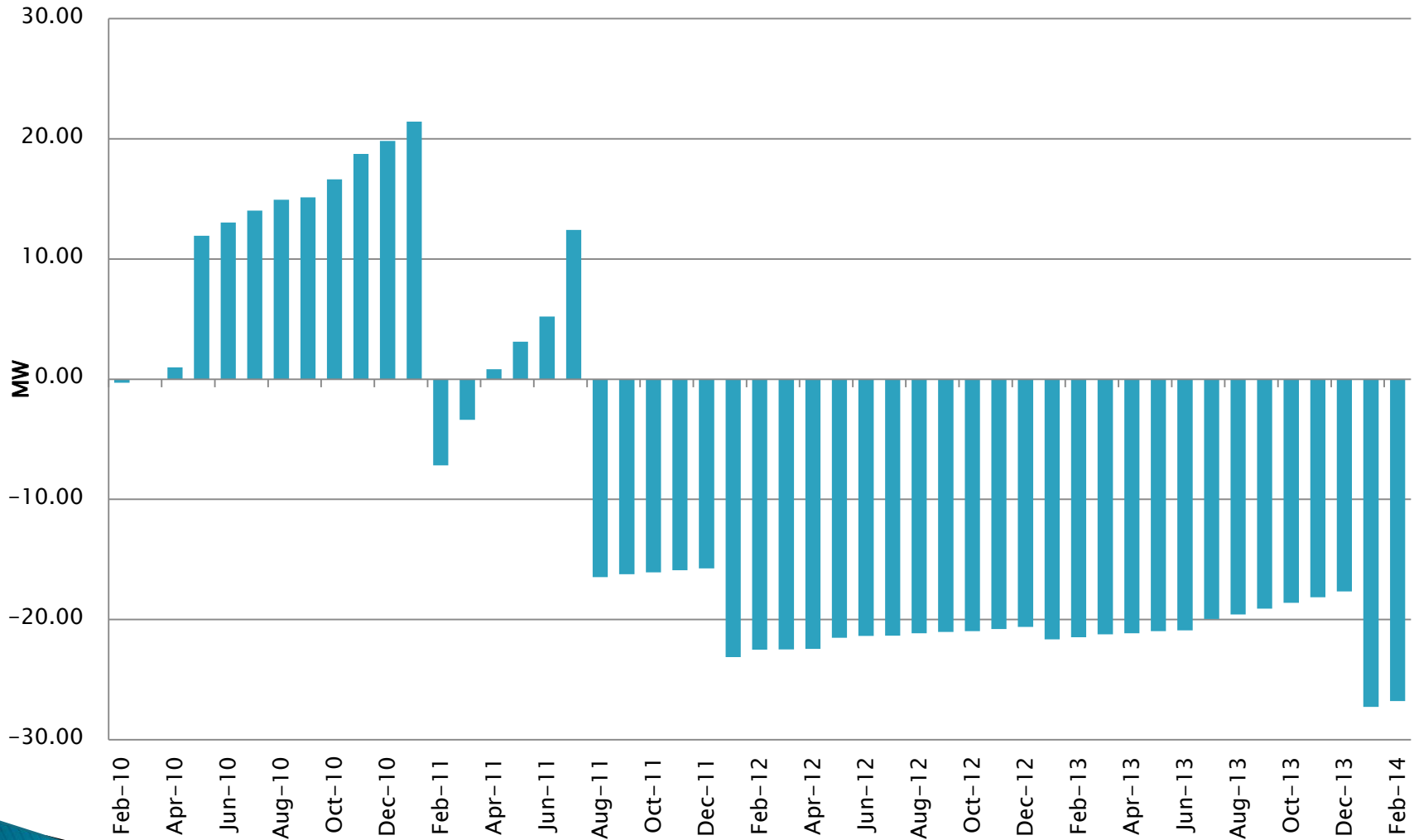
Distributed Generation Amendments Act of 2011

- ▶ 625% increase in solar RPS
 - ▶ Must be from a source located in DC or on distribution feeder serving DC
 - ▶ Only SRECs from facilities certified by the Commission and traded in the PJM market can be used to satisfy the solar RPS requirement
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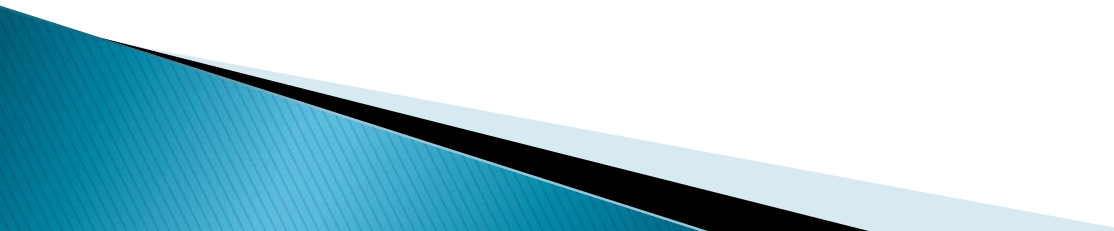
MW in Solar RPS



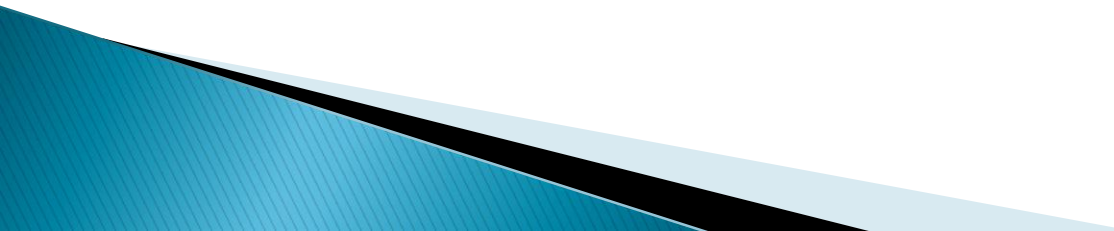
Capacity Deficit Solar RPS



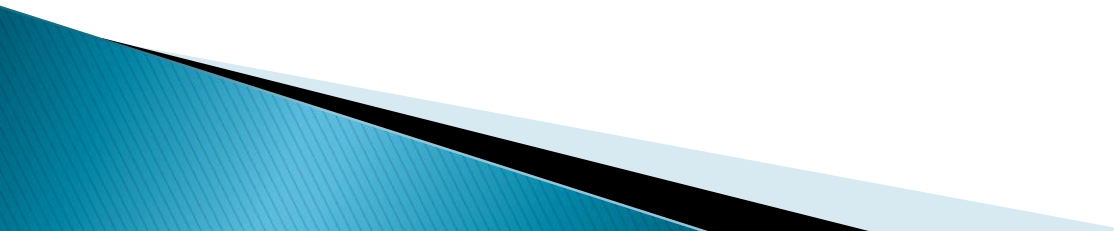
PSC Role in CREA

- ▶ Safety and performance standards
 - ▶ Control and testing requirements to protect public safety and system reliability
 - ▶ Interconnection rules
 - ▶ Establish monetary value of subscribed energy
 - ▶ Net Metering Rules
 - ▶ Approve any recovery of costs to the electric company of implementation
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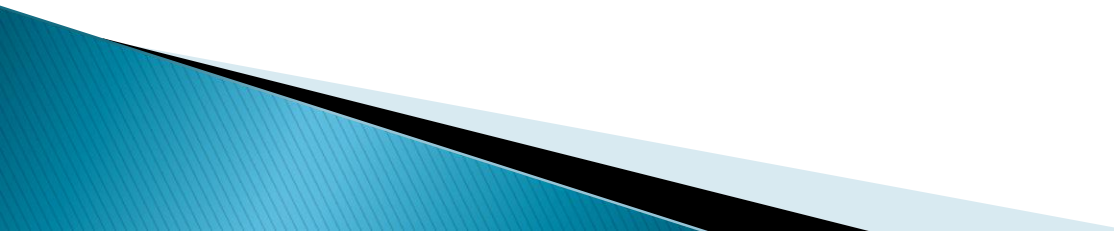
PSC Does Not Have A Role In

- ▶ Prices paid for subscriptions
 - ▶ Contractual matters related to the facility
 - ▶ Disclosure rules
 - ▶ Contracts for the sale or resale of a subscription for use in a residential dwelling
 - ▶ Construction permitting and inspection
 - ▶ Business structure of the CREF
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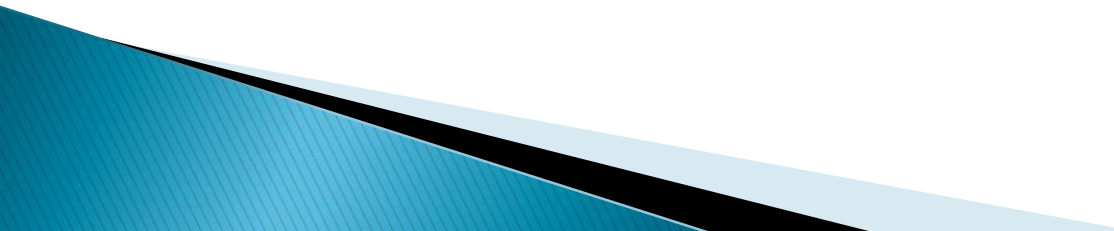
Interconnection

- ▶ Adequate for CREA
 - ▶ Need general update for network distribution, new technology, microgrids
 - ▶ Interconnection Rules need to conform to most recent iteration of IEEE Standard 1547
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Net Metering Rules

- ▶ Currently: Customer generation up to 1 mw. Net Metering based on behind-the-meter generation with only small injections of power and energy into distribution grid.
 - ▶ CREA: Community facility up to 5 MW: SOS Commercial rate basis of compensation to CREF Subscribers
 - ▶ Rules need to be updated to cover CREA credit, billing, subscriber identification
- 

Standard Offer Service Rules

- ▶ Govern purchase of power at wholesale by the SOS provider
 - ▶ Now done by competitive auction
 - ▶ Need to add provisions for SOS Administrator to also receive subscribed output from a CREF
- 



The End

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