From:	Rosier, Michelle (PUC)
To:	"Brian Lydic"
Cc:	Sky C. Stanfield
Subject:	RE: CA voltage regulation and consumer protection
Date:	Monday, June 04, 2018 10:11:00 AM
Attachments:	image003.png

Brian:

I will share these materials in the final email to TSG for the meeting Friday.

Thanks,

Michelle Rosier
Distributed Energy Resources Specialist | Economic Analysis

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From: Brian Lydic <brian@irecusa.org>
Sent: Friday, June 01, 2018 12:20 PM
To: Rosier, Michelle (PUC) <michelle.rosier@state.mn.us>
Cc: Sky C. Stanfield <stanfield@smwlaw.com>
Subject: CA voltage regulation and consumer protection

Hi Michelle,

I wanted to share with you some recent developments in CA regarding consumer protection related to voltage and frequency regulation functions (which can curtail DER power output). There's a lot to wade through in the attached CA PUC resolutions, but they lay out a plan for developing IOU reporting requirements for dealing with DER owners unduly affected by voltage and frequency regulation functions. The IOUs are to file plans with the Commission by Oct 2018.

See 4898 for the discussion on reporting in issue 6 p36 and items 3-7 in the orders starting p49, and 4920 on p16, 18 and order #3 on 19. IREC supports these developments in the context of CA. They are discussing possible compensation for DER owners in another proceeding, and we wait to see

how that path will intersect. We'd consider CA's approach in these orders an appropriate first step at developing best practices on consumer protection related to smart inverters/1547, but we'd also hope that MN might be able to develop a step further, as needed in relation to our technical discussions on v/f regulation.

I didn't mention it on the call regarding the future Phase II agenda, but I think this discussion ties tightly to the regulation call we have on June 8. I'll be preparing some slides to go over the consumer protection concepts that we are considering in tandem with the regulation functions, as well as utility measurement and voltage compliance data/capabilities. Given that the technical discussion is tied to (and in our opinion reliant upon) these other topics, I'd like to address them but want to be sure it should be done in the DGWG call, or if you feel we need something separate or an additional call. More to come Monday…

Best regards,
Brian

Brian Lydic
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