

**From:** [Amal Mallavarapu](#)  
**To:** [Herb](#)  
**Cc:** [Miguel Angel Cova Acosta](#); [Nileshkumar Bhagat](#); [Thomas Schmidt Grau](#)  
**Subject:** Vestas comments on PRR-151  
**Date:** Thursday, April 27, 2023 5:24:19 PM

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Dear Mr. Schrayshuen,

I am Amal Mallavarapu, a lead engineer with Vestas American Wind Technology. Our team has reviewed the PRR 151 and wanted to provide some feedback to you.

On PDF page 6, under Clause 5.2.2- Voltage control, we have the following comment to share:  
*If the plant control strategy is following a voltage PI control, plant will saturate reactive power capabilities in most of the cases, since the available reactive power of the IBR plant is not sufficient to bring voltage measurement to voltage reference within  $\pm 0.01$  p.u. error. We recommend to use a Voltage droop control strategy to create a fixed reactive power setpoint based on a voltage error ( $V_{ref} - V_{meas}$ ).*

Please let us know how we can be included in the discussion for IEEE- 2800 adaptation for NYSRC/NYCA going forward.

Thank you,

**Amal Mallavarapu**

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