



# DEDSTF Battery Poll



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Designated Entity Design Standards  
Task Force  
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- Substation and Protection subgroups agree on all aspects of draft language except kV cutoff - 200 kV vs. 300 kV
- Poll conducted 2/7/2017 – 2/14/2017
- Focus of poll is on 200 kV vs. 300 kV cutoff

- PJM received responses from 17 entities
- For the purposes of this informal poll, each entity, regardless of affiliation or sector was given 1 vote

1. The requirements mentioned below are for stations whose purpose is not intended to support distribution reinforcements as classified by FERC. Stations **200kV and above** whose configurations are designed to reinforce the flow of power on the transmission system, must follow the requirements outlined below.
2. Separate batteries for primary and back up protection are required. Each of these batteries must be fed by (1) independently supplied charger in this application.
3. A single battery for all other requirements is acceptable. In this application, however, the battery must be supplied with two independently supplied chargers at a minimum.

\* 1. Can you support the language above as it is written?

- Yes
- No
- Abstain

### Results:

- Yes: 52.9% of respondents
- No: 35.2% of respondents
- Abstain: 11.7% of respondents

1. The requirements mentioned below are for stations whose purpose is not intended to support distribution reinforcements as classified by FERC. Stations **300kV and above** whose configurations are designed to reinforce the flow of power on the transmission system, must follow the requirements outlined below.
2. Separate batteries for primary and back up protection are required. Each of these batteries must be fed by (1) independently supplied charger in this application.
3. A single battery for all other requirements is acceptable. In this application, however, the battery must be supplied with two independently supplied chargers at a minimum.

\* 2. Can you support the language above as it is written?

- Yes
- No
- Abstain

### Results:

- Yes: 64.7% of respondents
- No: 17.6% of respondents
- Abstain: 17.6% of respondents

\* 3. Do you prefer a 200kV or 300kV cutoff?

- 200kV
- 300kV

Results:

- 200kV: 43.7% of respondents
- 300kV: 56.3% of respondents

- 300 kV cutoff was preferred based on simple majority
- 82.4% were not opposed to a 300 kV cutoff
- Considering all responses (each member company gets 1 vote):  
300 kV is still the preferred option
  
- PJM recommendation to DEDSTF Protection and Substation group:
  - Based on results of poll, 300 kV cutoff is recommended

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