

## Bradley L Myers

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**From:** Wayman L Smith  
**Sent:** Wednesday, May 31, 2023 3:43 PM  
**To:** Bradley L Myers; Matthew McGee  
**Subject:** FW: Zone 1 Zonal Planning Criteria

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**From:** Michael Mueller <Michael.Mueller@aecc.com>  
**Sent:** Friday, April 28, 2023 3:53 PM  
**To:** Wayman L Smith <wlsmith1@aep.com>  
**Cc:** Forest Kessinger <Forest.Kessinger@aecc.com>; Scott Schichtl <Scott.Schichtl@aecc.com>; David McRae <David.McRae@aecc.com>; Linsey Cantrell <Linsey.Cantrell@aecc.com>; Kris Staples <kris.staples@aecc.com>  
**Subject:** [EXTERNAL] Zone 1 Zonal Planning Criteria

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Wayman,

As requested by SPP, due by May 1<sup>st</sup>, AECC is submitting suggested criteria to be considered by AEP as the Facilitating Transmission Owner (FTO) of Zone 1.

- Loading Criteria
  - Base Case: 100% of Rating A (normal).
  - Contingency Case: 100% of Rating B (emergency).
- Voltage Criteria
  - Base Case: Bus voltages are considered low if below 95% of nominal.
  - Bus voltages are considered high if above 105% of nominal.
  - Contingency Case: Bus voltages are considered low if below 92% of nominal.
  - Bus voltages are considered high if above 105% of nominal.
- Looping Criteria
  - If looping criteria is desired by the zone, determination of when to close a loop should be based on the \$/kW-mile or kW-mile principle. Cost, load size, and transmission line exposure should be the major considerations.

AECC looks forward to working with AEP and the other members of Zone 1.

Thanks,

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