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| Key Topic Concept (KTC) Number | 12 | KTC Title | Co-Located AC-Connected Energy Storage Resources |
| Date Posted | March 13, 2020 |
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| Executive Summary | This KTC states that existing rules and practices are sufficient for Co-Located AC-Connected Energy Storage Resources. |
| Recommendation Description | This KTC recommends that the existing market rules and practices are sufficient for Co-Located AC-Connected Energy Storage Resources for the following topics: 1. Registration
2. Participation Model (EMS and MMS)
3. Forecasting
4. Performance
5. Mitigation treatment in SCED
6. WSL Treatment
7. Data Requirements from QSEs

Interconnection issues are addressed in KTC 13. |
| BESTF Discussion  | On 01/17/2020 and 02/25/2020, ERCOT staff presented a presentation Co-Located AC-Connected Energy Storage Resources.On 03/13/20, the BESTF reached consensus on KTC 12.  |
| TAC Action Requested | BESTF plans to request at the 04/01/20 TAC meeting a vote to approve KTC 12. |
| TAC Action Summary |  |

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| Proposed KTC Recommendation Language |

# *Key Topic/Concept recommendation Language for TAC Approval*

04/01/20 TAC Meeting (Consensus from 03/13/20 BESTF meeting):

For all 7 topics in this KTC, the existing rules and practices are sufficient. For example, in cases where a PVGR and an Energy Storage Resource are Co-Located, they are seen and treated as separate Resources and all existing market rules and practices are applied to each Resource.

# *Key Topic/Concept recommendation Language Previously APProved by tac*

None.

# *Key Topic/Concept recommendation Language IN DISCUSSION AT BESTF*

None.

# *Future Decision Points and Issues for Developing Key topic/Concept recommendation Language*

None.

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| Applicable Protocol Section(s) |  |
| Impacted System(s) / Application(s) |  |