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| Key Topic Concept (KTC) Number | 1 | KTC Title | Enegry Storage Resource (ESR) Registration |
| Date Posted | November 6, 2019 |
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| Executive Summary | This KTC recommends that an inverter-based ESR should be registered as an Energy Storage Resource rather than a Generation Resource and a Controllable Load Resoruce. Additionally, ERCOT proposes a restriction on ESRs from registering as a Split Generation Resource.  |
| Recommendation Description | Registering and developing RIOO/RARF forms will allow Resource Entities representing ESRs to provide pertinent operational information to ERCOT. Until the 2024 EMS upgrade and RTC go-live, ERCOT’s downstream systems will continue the combination modeling approach.  |
| BESTF Discussion  | On 11/04/19, ERCOT staff presented this proposal to register energy storage resouces as Energy Storage Resources rather than a Generation Resoruce and a Controllable Load Resource.  |
| TAC Action Requested | None. |
| TAC Action Summary |   |

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| Proposed KTC Recommendation Language |

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

None

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

None

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

1. ERCOT proposes that a Resource Entity shall register an inverter-based Energy Storage System that desires to participate in SCED and Ancillary Services markets as an Energy Storage Resource
2. Similar to Combined Cycle Resources, ERCOT proposes that an ESR may not be registered in ERCOT as a Split Generation Resource

# *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) |  |