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| SCR Number | [818](http://www.ercot.org/mktrules/issues/scr818) | SCR Title | Changes to Incorporate GIC Modeling Data into Existing Modeling Applications |

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| Date | October 28, 2021 |

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| Submitter’s Information |
| Name | Joel Koepke |
| E-mail Address | joel.koepke@ercot.com |
| Company | ERCOT |
| Phone Number | 512-248-6589 |
| Cell Number |  |
| Market Segment | Not applicable |

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| Comments |

ERCOT supports the changes proposed by CenterPoint in System Change Request (SCR) 818, Changes to Incorporate GIC Modeling Data into Existing Modeling Applications.  This SCR will aid in increasing the efficiency of the Geomagnetically-Induced Current (GIC) System Model development by maintaining the GIC data of operational equipment in a similar manner that Steady State planning data is currently maintained in NMMS.  By integrating GIC data into the existing ERCOT modeling ecosystem, it will eliminate the in-house built ERCOT GIC application and ensure a more efficient maintenance of necessary modeling applications as PSSE updates occur.  This SCR will help ensure that GIC models are available for the completion of benchmark and supplemental Geomagnetic Disturbance (GMD) Vulnerability Assessments.

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| Revised Cover Page Language |

None

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| Proposed System Change |

None