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| **PGRR Number** | [**095**](http://www.ercot.org/mktrules/issues/PGRR095) | **PGRR Title** | **Establish Minimum Deliverability Criteria** |

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| **Date** | December 16, 2021 |

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| **Submitter’s Information** | |
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| **Market Segment** | Cooperative |

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| **Comments** |

PLWG submits these comments to Planning Guide Revision Request (PGRR) 095, Establish Minimum Deliverability Criteria, reflecting discussions that took place at the December 15, 2021 PLWG meeting.

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| **Revised Cover Page Language** |

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| Revision Description | This Planning Guide Revision Request (PGRR) establishes minimum deliverability criteria for Resources that are located within the ERCOT System and whose output is primarily within ERCOT’s control, through dispatch instructions, over the entire real power capability range of each Resource. |
| Business Case | This PGRR is intended to ensure that Resources that are located within the ERCOT System and whose output is primarily within ERCOT’s control, through dispatch instructions, over the entire real power capability range of each Resource are not “bottled” from a reliability perspective. Establishing minimum deliverability criteria for such Resources will facilitate the identification of transmission needs to maintain reliability under system conditions with the potential for resource shortages (e.g., peak Load conditions).  The purpose of minimum deliverability criteria is not to guarantee that any given Resource will be dispatched under any given system condition, but rather to ensure that Resources to which the criteria apply are simultaneously deliverable to serve Demand when needed. As such, this PGRR is not intended to make or imply any changes to Real-Time operations or the use of market tools to dispatch Resources. |

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| Revised Proposed Guide Language |

4.1.1.7 Minimum Deliverability Criteria

(1) In conducting its planning analyses, ERCOT and each TSP shall ensure that an ERCOT-defined minimum percentage of capacity of each Resource described in paragraph (3) below can be delivered to serve peak system Load while meeting the following reliability criteria:

(a) Category P0, P1, P2-1, P3, and P7 planning events from the NERC Reliability Standard addressing Transmission System Planning Performance Requirements; and

(b) The ERCOT-specific reliability performance criteria included in Section 4.1.1.2, Reliability Performance Criteria.

(2) The minimum percentage of capacity referenced in paragraph (1) above shall be applied to each Resource’s applicable Seasonal Net Max Sustainable Rating submitted through the Resource Registration process.

(3) The minimum deliverability condition described in paragraph (1) applies to the following Resources:

(a) Any Generation Resource utilizing nuclear, coal and lignite, combined cycle, gas/oil steam, combustion turbine, hydro, or reciprocating engine technology or fuel type; or

(b) Any Energy Storage Resource (ESR) meeting an ERCOT-defined minimum duration threshold.

(4) Resources other than those described in paragraph (3) above may be redispatched as necessary to meet the requirements of this section.

(5) ERCOT-proposed revisions to the minimum percentage of capacity or minimum duration threshold for ESRs used to implement the requirements of this section will be recommended by the Technical Advisory Committee (TAC) and approved by the ERCOT Board.

(a) ERCOT will post the current values approved by the ERCOT Board pursuant to paragraph (5) above on the ERCOT website.