



Reserve Event Performance Measurement: Additional Analysis

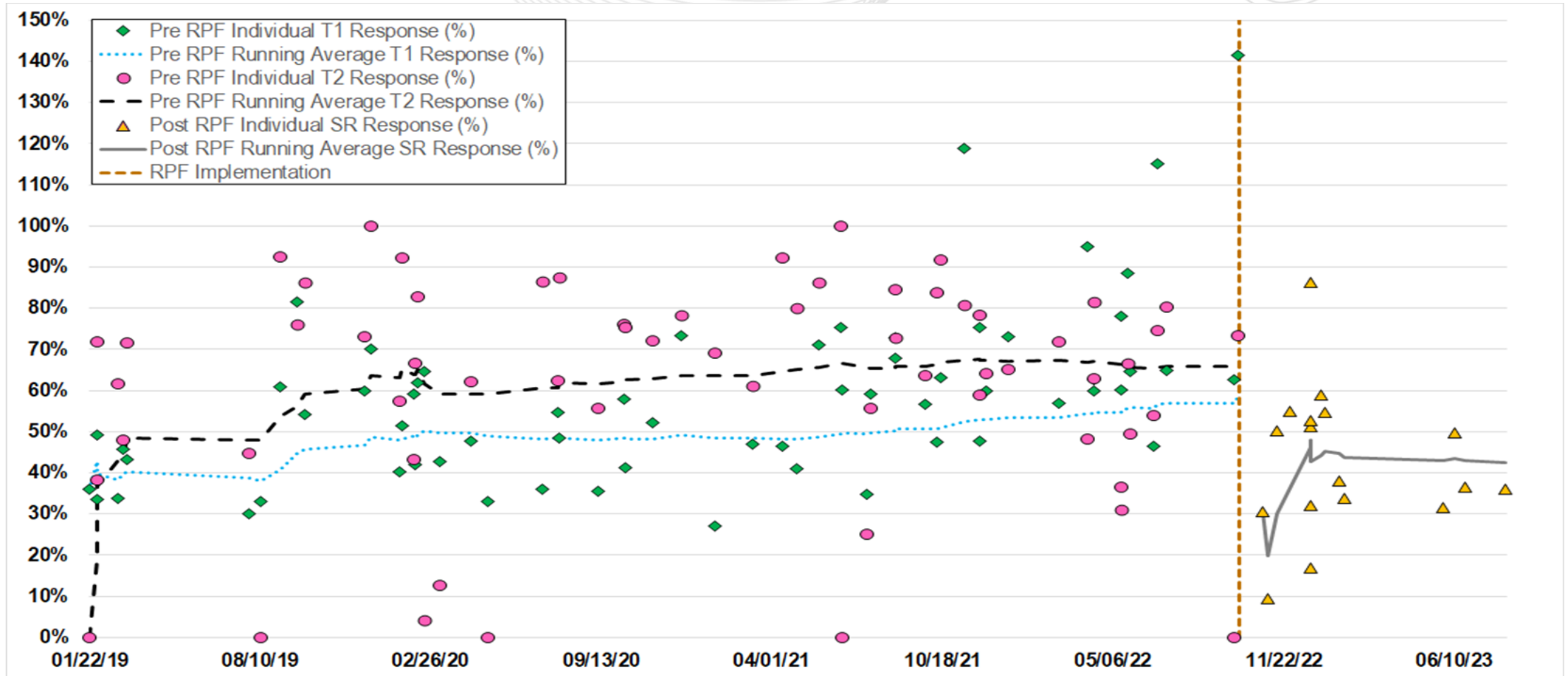
David Kimmel

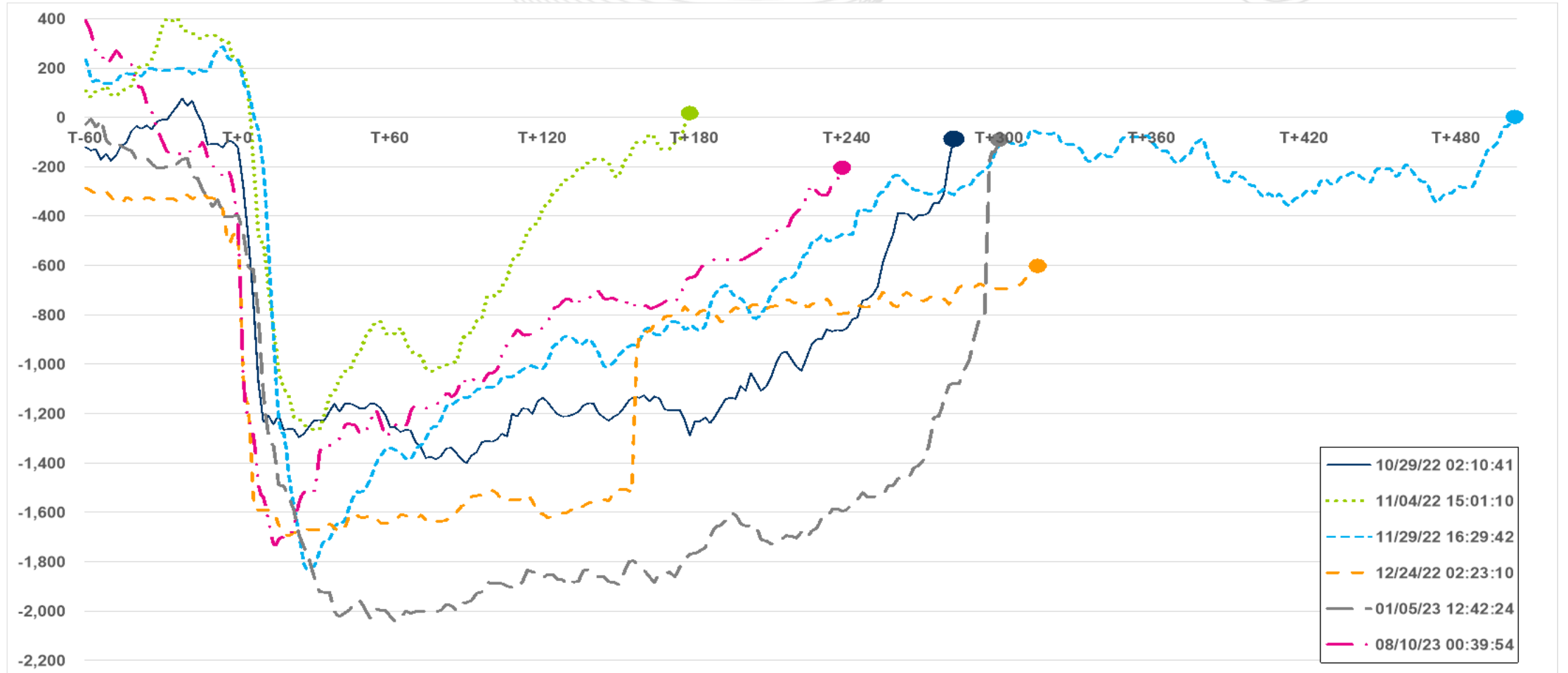
Senior Engineer, Performance Compliance

Reserve Certainty Senior Task Force

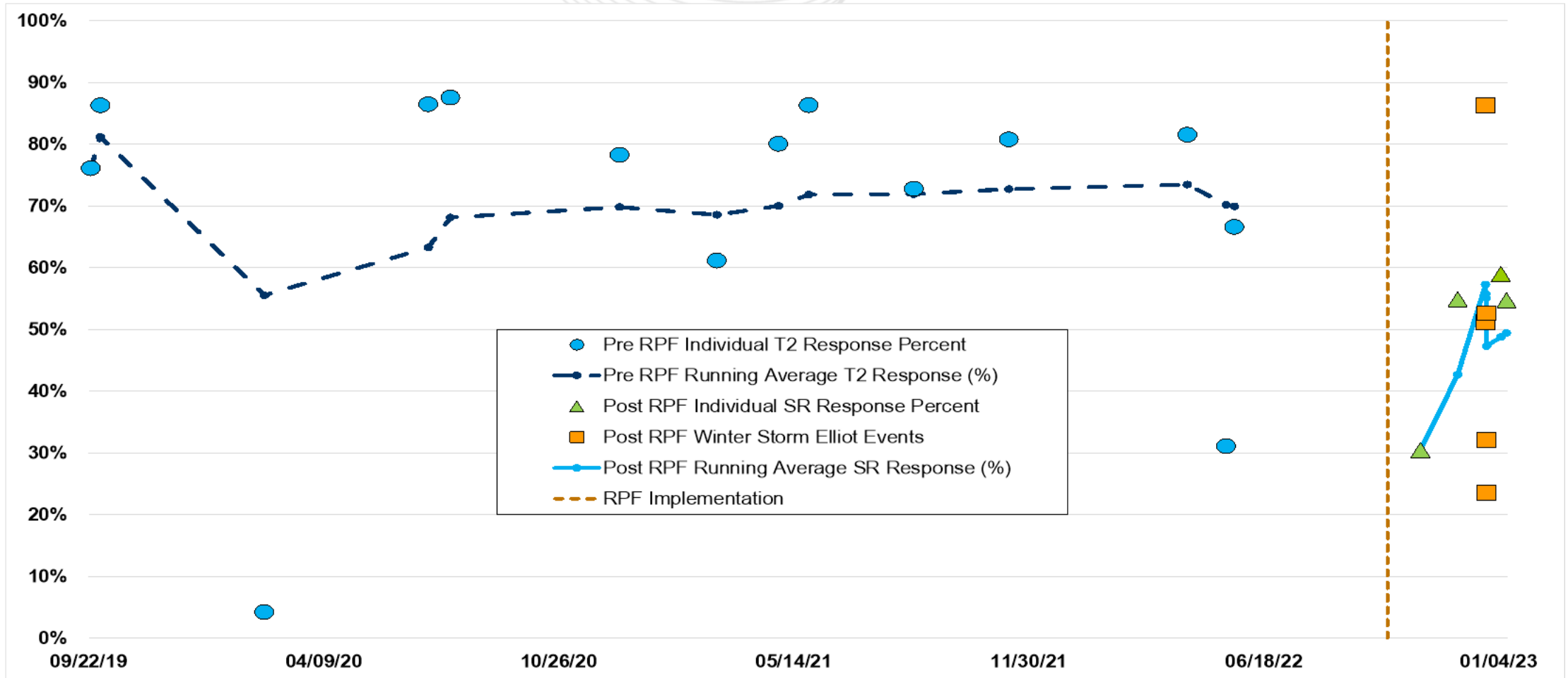
October 26, 2023

T1, T2, and SR Response for All Events Since 2019





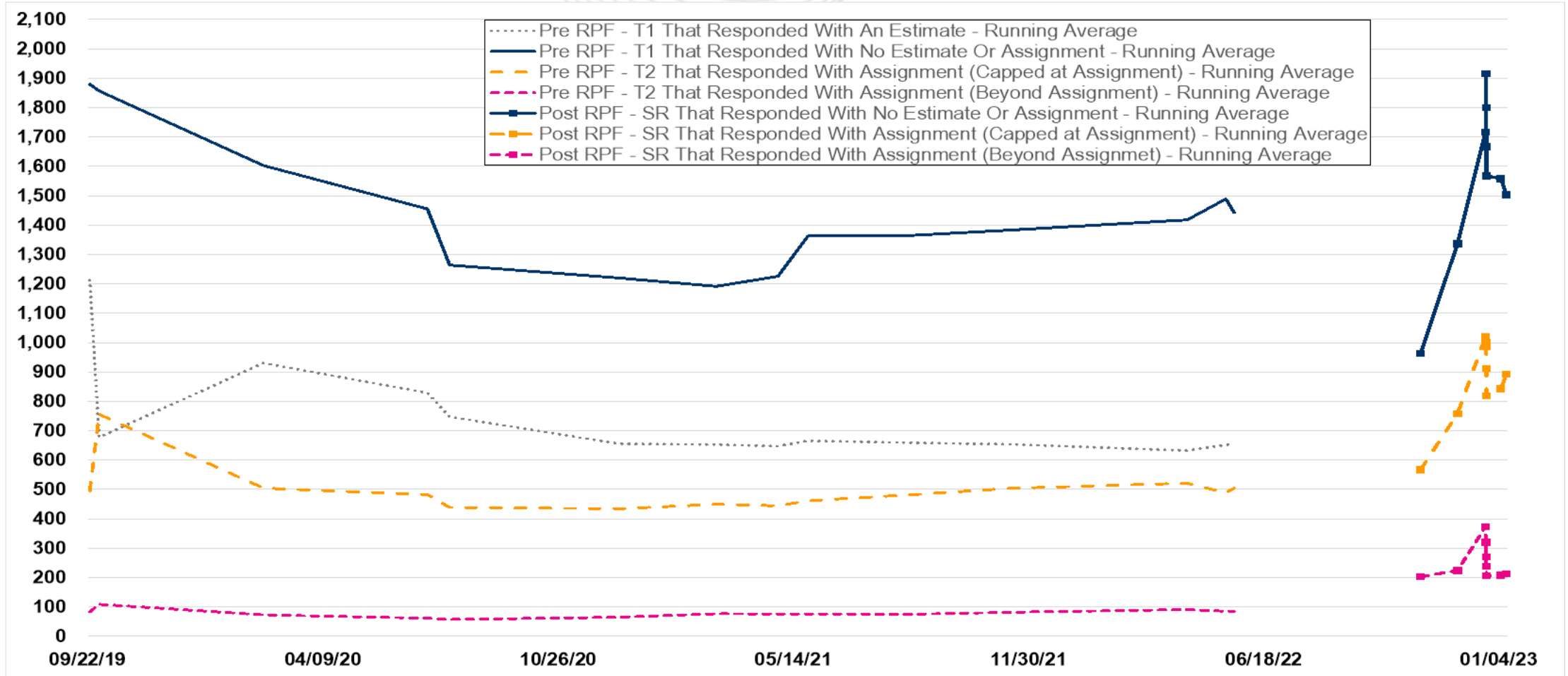
Response (%)





All 10+ Minute Synchronized Reserve Events Since 2019

Response (MW)



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Member Hotline

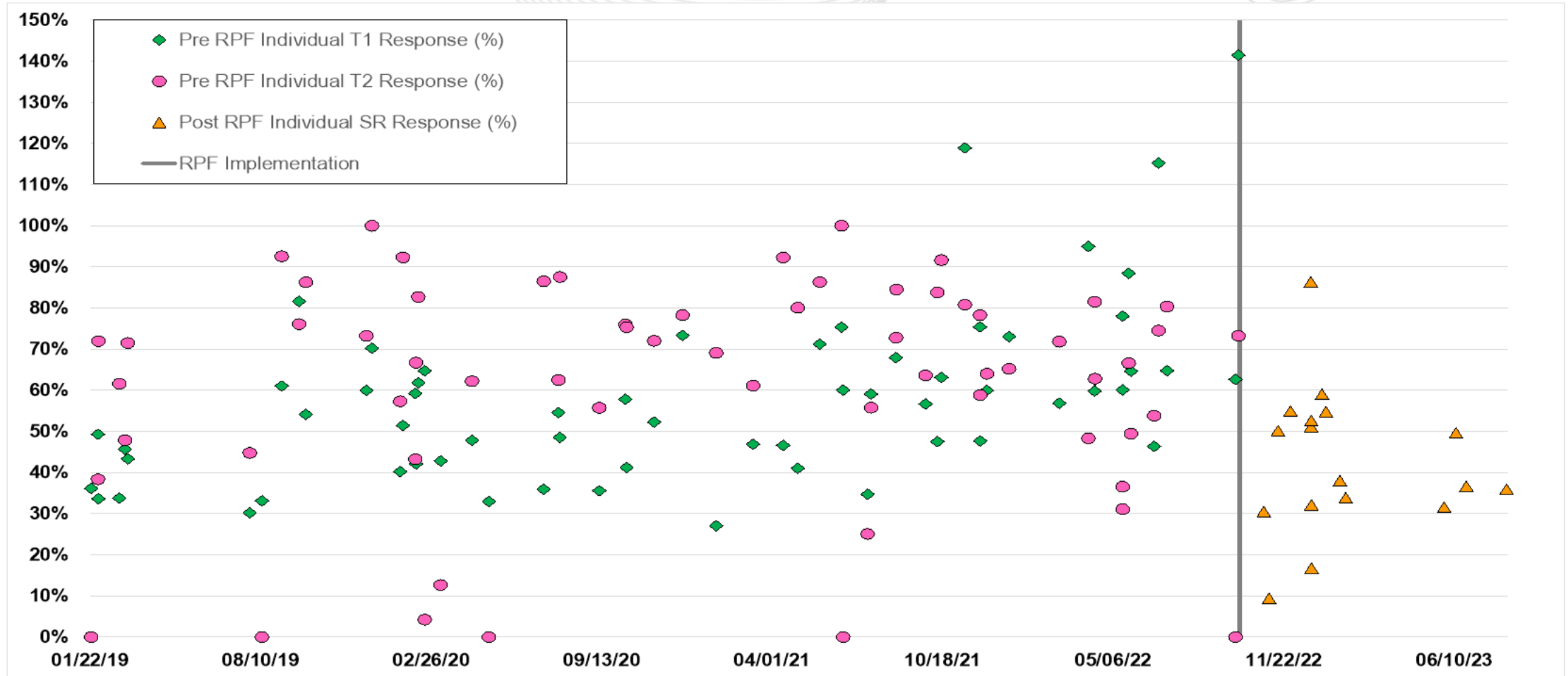
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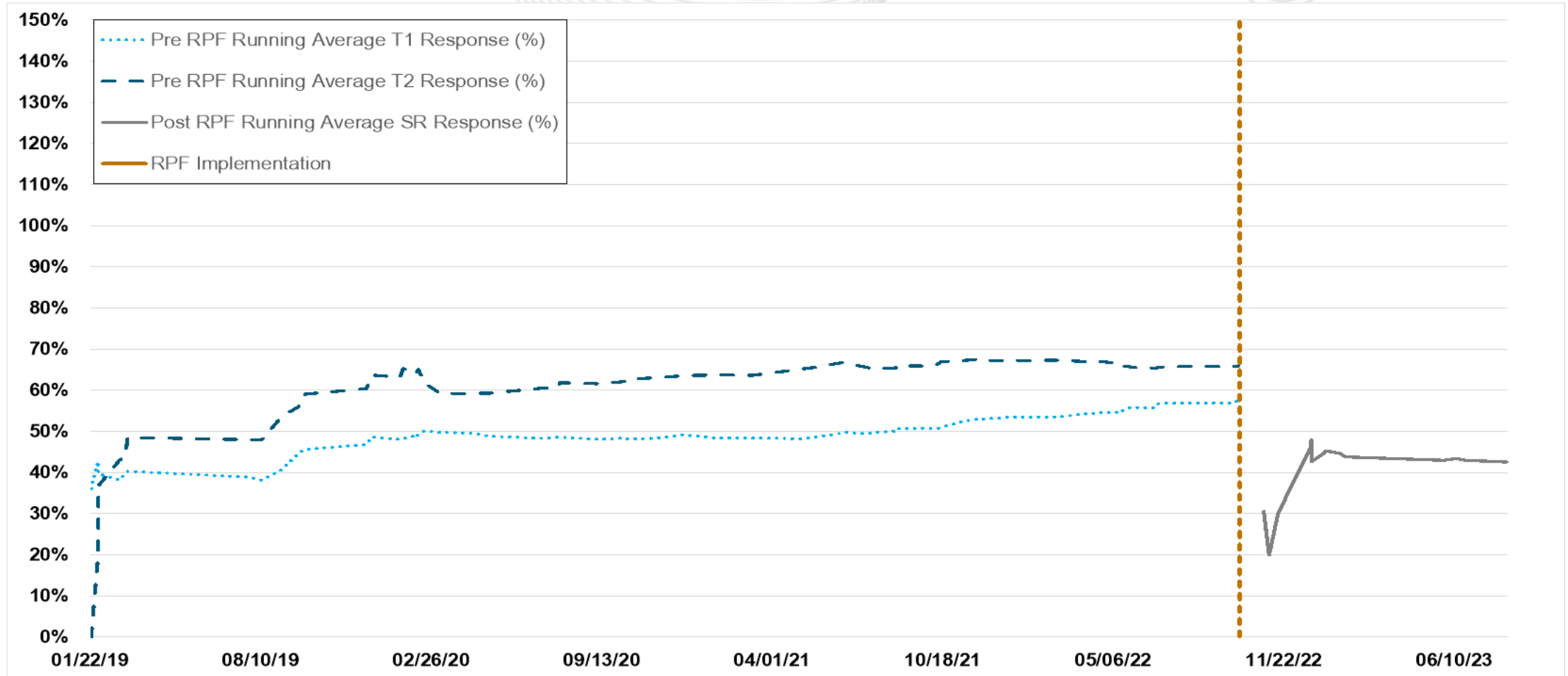
Appendix

Reporting ACE Recovery From DCS Events Since RPF Implementation





Reporting ACE Recovery From DCS Events Since RPF Implementation



Acronym	Term & Definition
DR	Demand Resource means a resource with the capability to provide a reduction in demand.
SRMCP	Synchronized Reserve Market Clearing Price is defined as the marginal price for synchronized reserves in a reserve zone or sub-zone. For accounting purposes, SRMCP is expressed in dollars per megawatt-hour (\$/MWh). Resources that are assigned synchronized reserve in a five-minute interval are paid the SRMCP in that interval.
SR	Synchronized Reserve means the reserve capability of generation resources that can be converted fully into energy or Economic Load Response Participant resources whose demand can be reduced within ten minutes from the request of the Office of the Interconnection dispatcher, and is provided by equipment that is electrically synchronized to the Transmission System.
RPF	Reserve Price Formation refers to the set of reserve market enhancements that were implemented on October 1, 2022.
T2	Tier 2 refers to a subset of synchronized reserve resources that were backed down from where it would otherwise be economic for them to provide energy in order to accommodate a synchronized reserve assignment. Prior to the Reserve Price Formation implementation, only Tier 2 resources were required to perform during a synchronized reserve event.