

Name: _____

Company/Entity: _____ (only one entry per Company / Entity)

Ranking White paper topics for the 2021-22 IRM Study Cycle

Rank from 8 (highest) to 1 (lowest) of your white paper topic preference

White Paper Topic	Status	Approximate Scheduled Completion Dates	Rank
High Renewable Phase II Run two Tan 45 cases: <ol style="list-style-type: none"> 1. Add 2000 MW each of solar, on-shore wind and off-shore wind 2. Add 6000 MW each of solar, on-shore wind and off-shore wind 	Scoped and in-progress (Attachment #1)	February 2021	
Simplified External Area Models Phase 1 – Consider Adopting RNA Model, which will eliminate drastic year to year changes	Scoped and in-progress Please check one: <input type="checkbox"/> Scope is current (Attachment #2) <input type="checkbox"/> Scope needs to be updated (attach proposed scope changes)	March 2021	
Load Forecast Uncertainty Rapid growth with little data	Scoped and in-progress Please check one: <input type="checkbox"/> Scope is current (Attachment #3) <input type="checkbox"/> Scope needs to be updated (attach proposed scope changes)	May 2021	
Load shape selection Shapes possibility dated and unaligned with LFU and BTM solar	Scoped and in-progress Please check one: <input type="checkbox"/> Scope is current (Attachment #4) <input type="checkbox"/> Scope needs to be updated (attach proposed scope changes)	May 2021	
Modeling Energy Limited Resources Shift from using simplified model to a more permanent one	Need Scope	2021	
Modeling the duration limits for SCRs Shift from using simplified model to a more permanent one	Need Scope	2021	
Simplified External Area Models Phase II – Evaluate whether alternative external area model provide more accuracy and reduce volatility	Dependent on Phase I. If Phase II is needed, complete scope in 2021 and work in 2022.	2022	
Study the use of the optimizer to set all capacity requirements	Need Scope	2021	

Send this list and any proposed scope changes to Brian Shanahan (brian.shanahan@nationalgrid.com).