



2021 IRP Modeling Results Q&A

ENTERGY ARKANSAS, LLC

SEPTEMBER 2021



Creating sustainable value for all

Stakeholder Question 1

Off-system wind resource selection in AURORA

Q: Why were onshore, off-system (SPP) wind resources not selected for EAL's optimized portfolios?

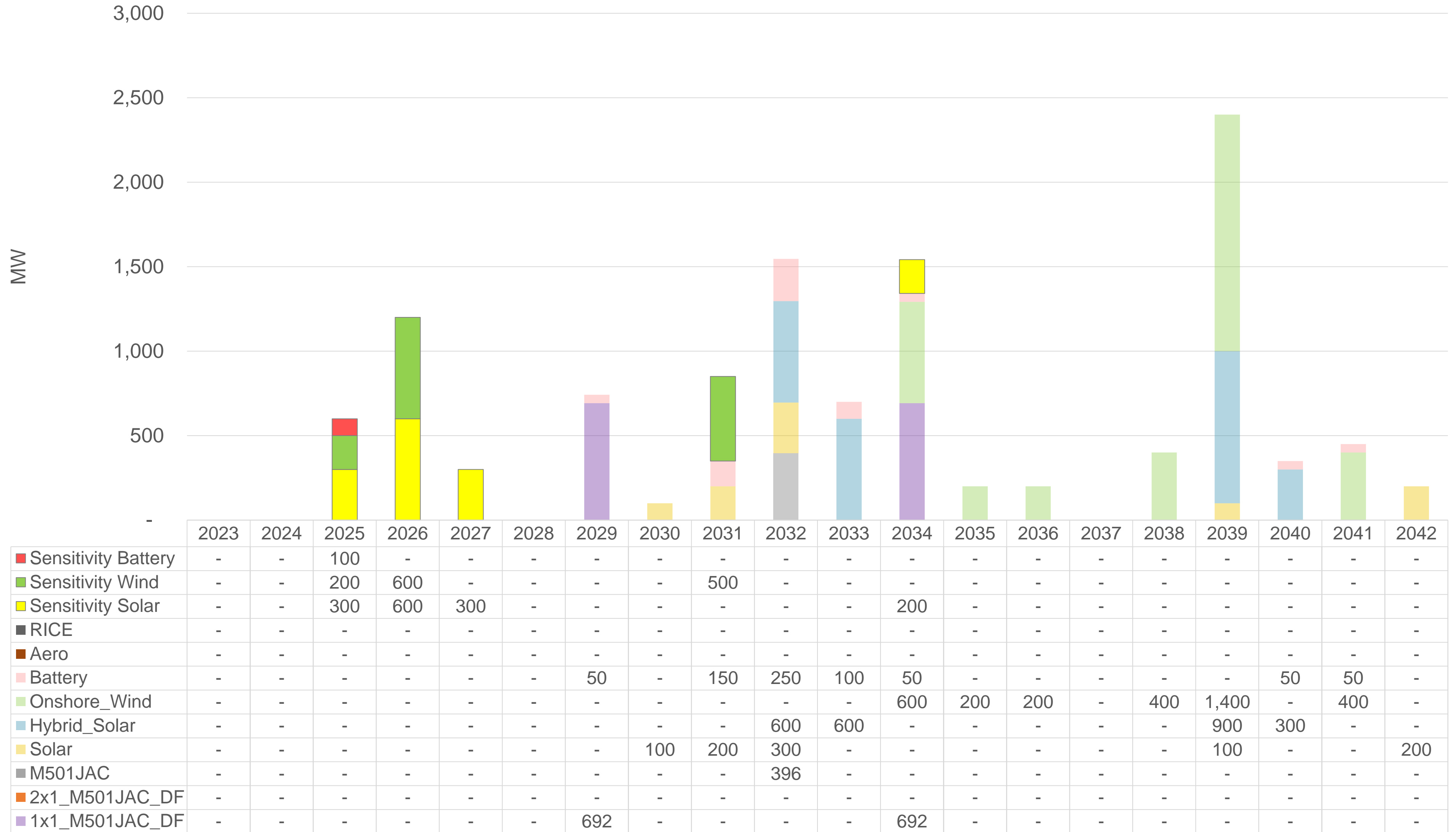
A: Based on the cost and performance assumptions used to develop the optimized portfolios for EAL, onshore wind resources are more economic compared to onshore, off-system (SPP) wind resources. The Levelized Cost of Electricity values on slide 11 of the EAL IRP Supplementary Data Posting do not include transmission cost as noted in the third bullet of the footnote. When transmission cost assumptions are included for the onshore, off-system (SPP) wind resources to reflect delivery of this energy to the EAL system, AURORA determines that wind resources located on the EAL system are more cost-effective.

EAL is currently conducting the 2021 Renewable RFP in which wind resources located in SPP are eligible to participate, so it is not in the best interest of EAL's customers to provide detailed data associated with the assumed transmission cost adder.

EAL Future 1 - Sensitivity Portfolio 1 Summary

Sensitivity Portfolio 1 Summary

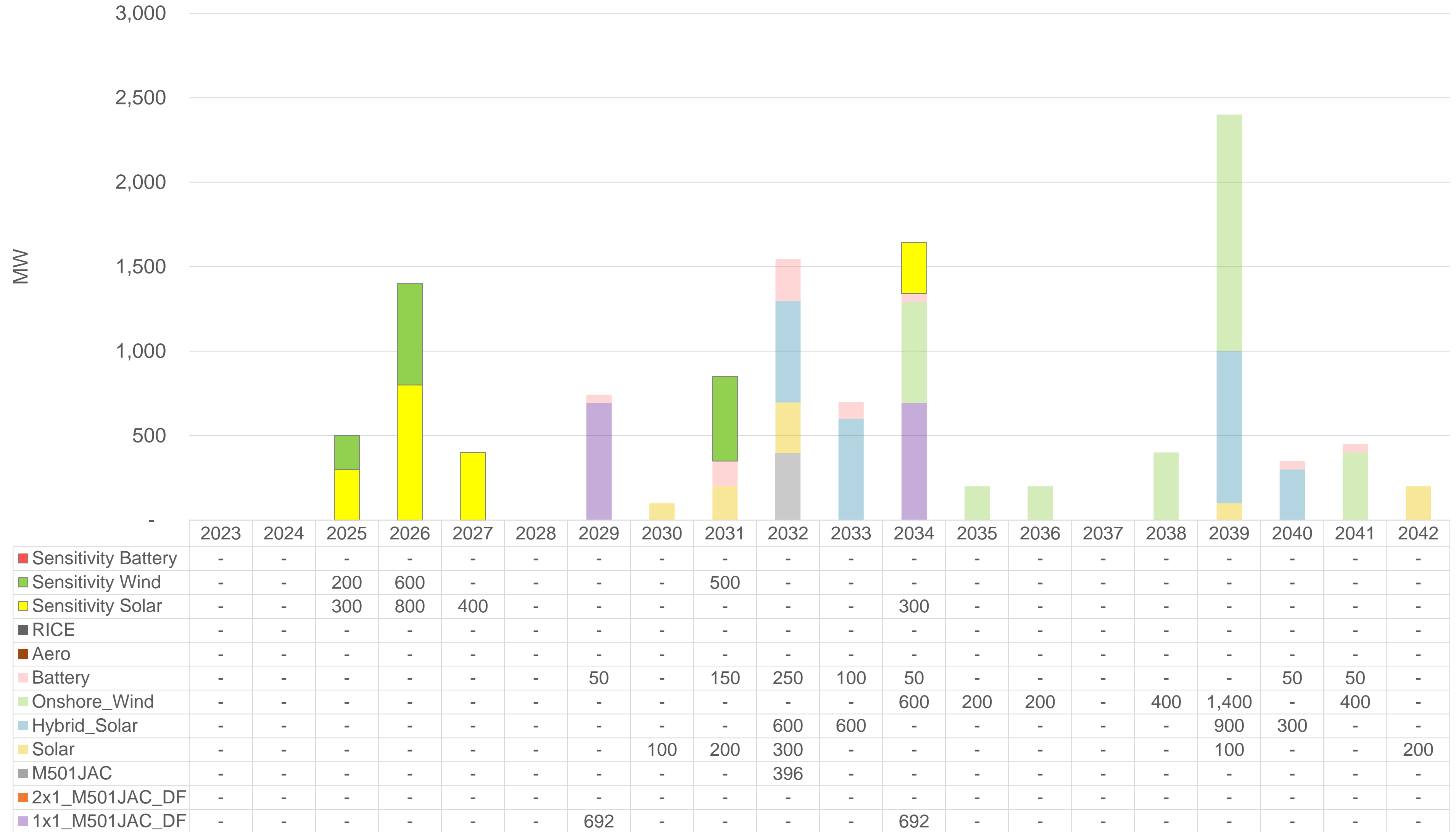
Sensitivity Portfolio 1 Changes (Installed MW)	
Deactivation	
White Bluff #1	5/31/2026
White Bluff #2	5/31/2023
Independence #1	No Change
Removal	
2028 1x1 CCGT	650
2029 Battery	50
Additions	
Solar	1,400
Wind	1,300
Battery	100



EAL Future 1 - Sensitivity Portfolio 2 Summary

Sensitivity Portfolio 2 Summary

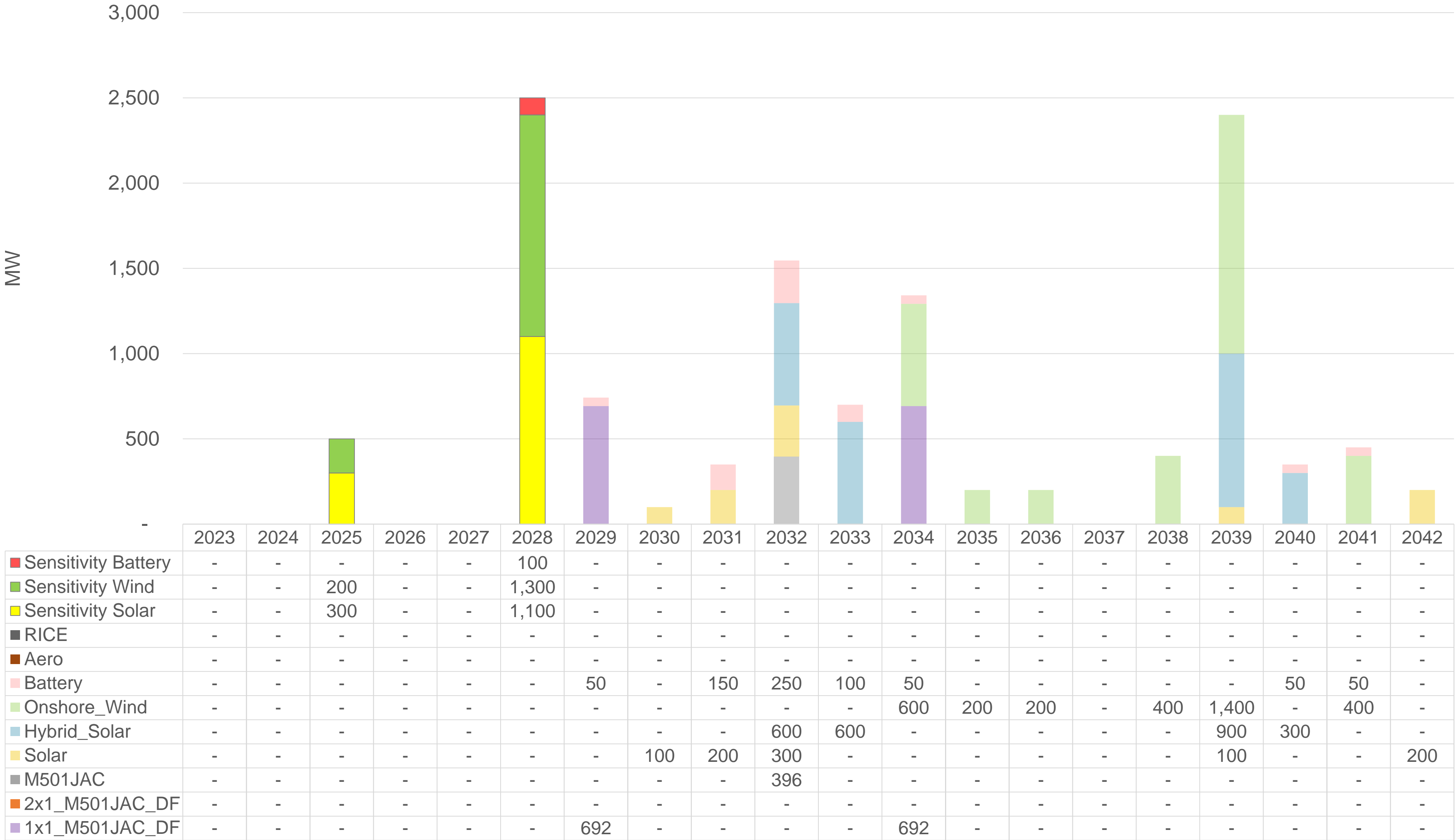
Sensitivity Portfolio 2 Changes (Installed MW)	
Deactivation	
White Bluff #1	5/31/2026
White Bluff #2	5/31/2026
Independence #1	No Change
Removal	
2028 1x1 CCGT	650
2029 Battery	50
Additions	
Solar	1,800
Wind	1,300
Battery	-



EAL Future 1 - Sensitivity Portfolio 3 Summary

Sensitivity Portfolio 3 Summary

Sensitivity Portfolio 3 Changes (Installed MW)	
Deactivation	
White Bluff #1	No Change
White Bluff #2	No Change
Independence #1	5/31/2026
Removal	
2028 1x1 CCGT	650
2029 Battery	50
Additions	
Solar	1,400
Wind	1,500
Battery	100



EAL Future 1 - Sensitivity Portfolio 4 Summary

Sensitivity Portfolio 4 Summary

Sensitivity Portfolio 4 Changes (Installed MW)	
Deactivation	
White Bluff #1	No Change
White Bluff #2	No Change
Independence #1	No Change
Removal	
2028 1x1 CCGT	650
2029 Battery	50
Additions	
Solar	1,800
Wind	1,200
Battery	-

