Grid Services from Responsive Loads and Electric Drive Vehicles in the Next Generation Utility

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Electric Drive Vehicles As Generating Loads













![](_page_11_Figure_0.jpeg)

How long and how often can responsive loads be operated?

![](_page_11_Figure_2.jpeg)

![](_page_12_Figure_0.jpeg)

![](_page_12_Figure_1.jpeg)

## Grid services will need to play a bigger role in the NGU

![](_page_13_Picture_1.jpeg)

![](_page_13_Picture_2.jpeg)

![](_page_14_Picture_0.jpeg)

![](_page_14_Picture_1.jpeg)