PROJECT OVERVIEW: A DOUBLE-SIDED CAUSER PAYS IMPLEMENTATION OF FREQUENCY DEVIATION PRICING

An ARENA supported project sponsored by the AEC. This project is to research and model the Double-Sided Causer Pays approach to controlling Primary Frequency Response and potentially also to other related slow-moving services such as those for regulation. The project will support the evaluation of DSCP by policymakers relative to other primary frequency control options.

PROJECT DOCUMENTS

Final reports

FINAL REPORT: A DOUBLE-SIDED CAUSER PAYS IMPLEMENTATION OF FREQUENCY DEVIATION PRICING
February 2022

The Final Report attempts to specify and justify particular design and parameter choices.

PROJECT ANALYSIS: A DOUBLE-SIDED CAUSER PAYS IMPLEMENTATION OF FREQUENCY DEVIATION PRICING
February 2022

This report aims to examine quantitatively some key issues identified in the Inception Report. It also presents and gives examples of a calculation methodology for a version of DSCP.

The initial two reports allow discussion to inform the planning for subsequent reports.

REPORT 2: CONTROL AND PRICING THEORY REPORT
July 2021

This report outlines the theoretical basis for FDP and how it could be implemented as DSCP. It also outlines the Linear-Quadratic Regulator Model of the electricity system and considers a set of implementation issues.

REPORT 1: INCEPTION REPORT
April 2021

This Inception Report sets out the report approach and outlines tasks to be performed in detail

KNOWLEDGE SHARING WORKSHOP
27 MAY 2021

 **WEBINAR**

 **PRESENTATION:** **Ben Skinner, Australian Energy Council**

 **PRESENTATION:** **Hugh Bannister, Jabez Wilson, Intelligent Energy Systems**