

Electricity Switching Working Group

ESWG Background

Established to address concerns with the high-potential incidents and near-misses associated with HV switching activities

Strong support from governance group of senior management

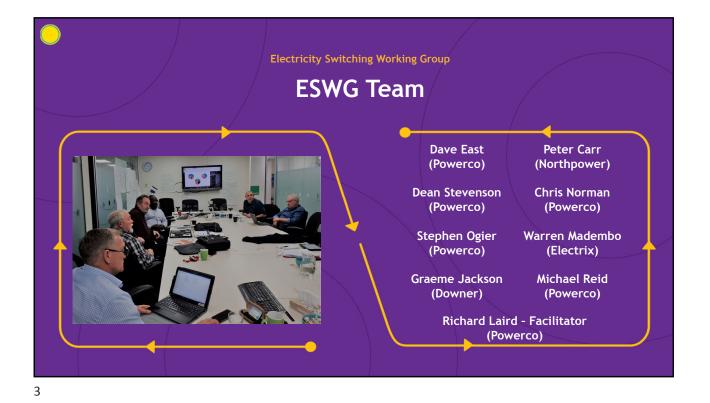
The Senior Governance Group directed the ESWG to holistically address improvement opportunities across HV switching - safety and efficiency

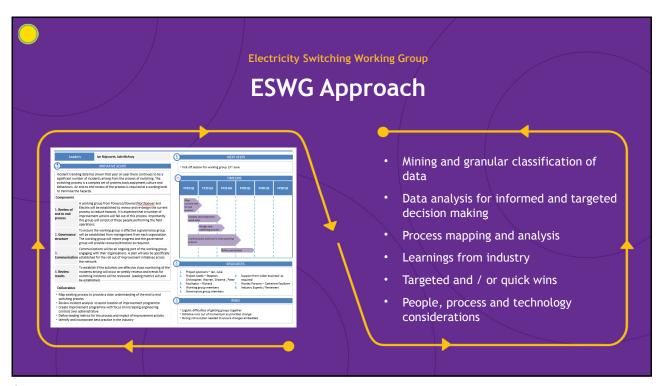
A collaborative, non commercial endeavour between Powerco and key service providers

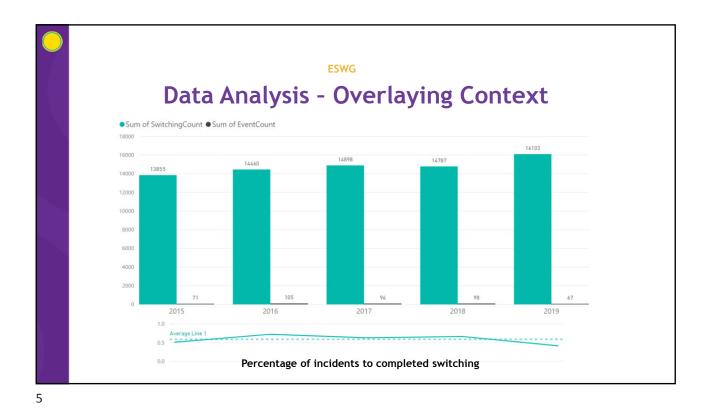
Working group members as champions for safe and efficient switching to and from the ESWG and their respective organisations

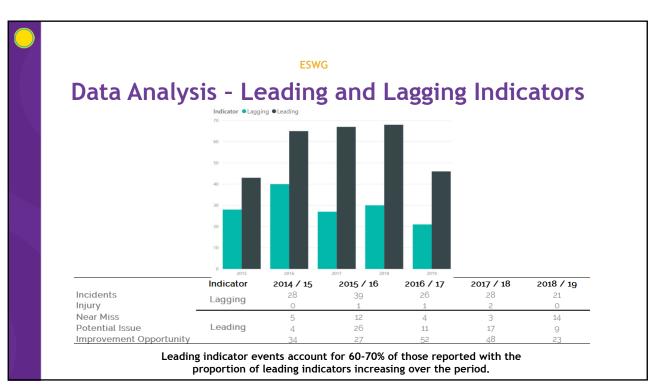
Met and workshopped regularly during 2018 and 2019 both in person and remotely

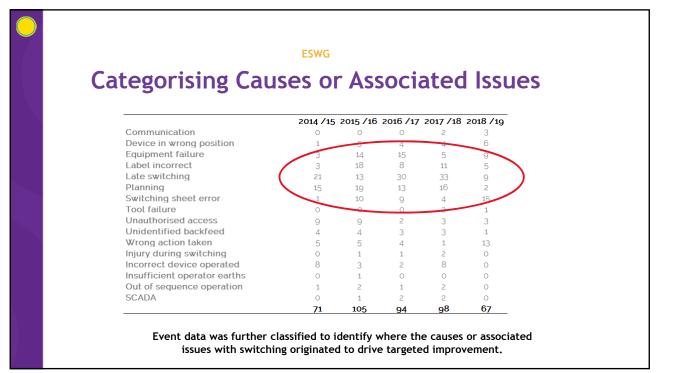




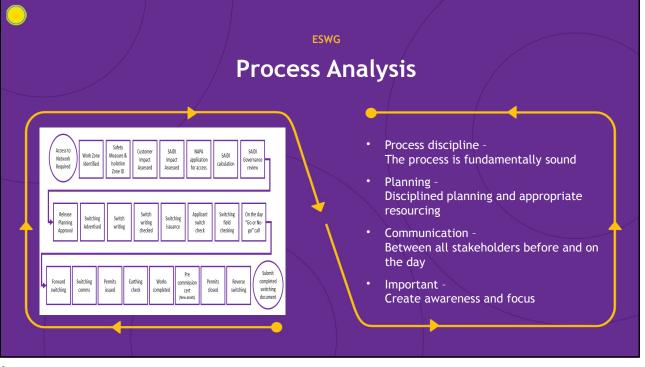
















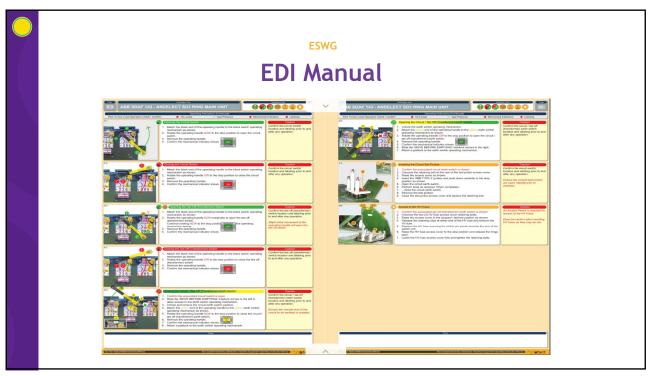


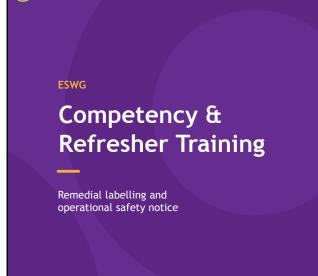
ESWG

- To achieve Safe operation of the Electricity network during planned works it is essential that the parties involved with Switching prepare and plan any activity before the work day.
- All parties are required to work together to ensure Safety and gain efficiencies so best use of the work time is made.
 - Ensure the operational activity is Planned for safety and efficiency

- Applicant, Permit Recipient and Field Switcher have a responsibility to carry out checks and discuss before the work day
- Timely planning and Communication between all parties involved before the work day.
- Formalised in Powerco's HVIAP standard

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- Further work on the L4 Field Switcher competency
- Alignment to an industry-wide common competency framework
- Focus on implementing the three-tiered approach proposed by the group generally as follows:
 - Level 1 Operate OH equipment only: DDO's, ABS etc.
 - Level 2 Operate combination of OH & UG equipment: DDO's, ABS, RMU's etc.
 - Level 3 Operate all equipment including substation devices
- Proposed refresh of the content of HVIAP refresher training to address issues as well as introduce additional focus areas



- Recent revisit of analysis (period August '18 to July '19) showed events had reduced at the same time as switching activities have increased
- No single silver bullet for complex problems
- Importance of clearly identifying, defining and analysing the problem
- Combination of multiple and complicated factors
- Significant value in just creating focus and awareness
- Target people process and technology
- Highlighted the value of a collaborative multiparty working group enabled to effect change and commercial interests are set aside
- Precedent for tackling other issues with multiparty interest that may arise in the future

