

Asset Data

Presentation to EEA Asset Information managers forum

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Outline of presentation



- Our function
- Current workplan & future development
- Targeted information disclosure review, 2023
- Performance analysis tool and reports



Our function



- We are an Independent Crown Entity designed to implement and enforce regulation set out in legislation. We engage and coordinate with government and other relevant agencies but are not directly controlled by a Minister.
- Commissioners are appointed by the Minister for multi year terms that can be extended. These Commissioners are formed into Divisions and delegated decision-making powers from the Board.
- The Commission has an array of roles and responsibilities and is organized into 5 operational branches:
 - Fair Trading Branch (false and misleading practices)
 - Credit Branch (consumer credit and finance)
 - Competition Branch (mergers and restrictive trade practices)
 - Market Regulation Branch (telecommunications, dairy, fuel, groceries)
 - Infrastructure Regulation Branch (electricity, gas, airports, fibre broadband, water)

Introduction/overview to Information Disclosure



- The Commission amongst other things regulates the services provided by electricity distribution businesses (EDB), Transpower and Gas pipelines under Part 4 of the Commerce Act.¹ This is because there is little or no competition, and little or no likelihood of a substantial increase in competition in these sectors.
- A key tool in our "regulatory tool box" is the ability to impose Information Disclosure (ID) which provides transparency on the performance of regulated suppliers.
 - **Purpose of ID** so that interested parties can have sufficient information on regulated suppliers to assess whether the purpose of Part 4 (long term benefits of consumers) is being promoted
 - Form of ID varies across the sectors we regulate. For EDBs and Transpower, it consists of
 schedules which require the regulated party to provide regular information about financial and
 non-financial measures (eg quality number and frequency of outages etc). We also require
 businesses in the energy sectors we regulate to release an Asset Management Plan which details
 their planning for the next 10 years
 - Use of ID The Commission under Part 4 is <u>required</u> to publish a summary and analyse of ID information. In the last five years we have published numerous studies of EDBs ID data especially in relation to asset management practices
 - **History of ID**. ID for EDBs and Transpower came into effect in 2012. That means the Commission has a large amount of data that we can undertake summary and analyses of including a sufficient record of data to undertake time series trend analysis

Current workplan and future developments





Work Programme 2023/2024



Work	Q1 - 23	Q2 - 23	Q3 - 23	Q4 - 23	Q1 - 24	Q2 - 24	Q3 - 24	Q4 - 24
Input methodologies review		June draft		Dec final decision				
Targeted Information Disclosure review	March workshop		Aug draft		Jan / Feb final decision			
EDB default price-quality path reset		TBC Process paper	TBC Issues paper			May draft		Nov final decision
Transpower individual price-quality path reset			Aug proposal received			May draft		Nov final decision
Review of Transpower NZGP major capex		May draft decision	Aug final decision					
Reopener applications from EDBs	ТВС	ТВС	ТВС	ТВС	ТВС	ТВС	ТВС	ТВС
Review of EDB asset management plans & ID		AMPs due March	ID data due Sept					

Moving forward with performance analysis



Current work programme

- Review of asset management plans (AMPs)
- Continue meeting with EDBs directly site visits
- Targeted review of information disclosure requirements

Longer term

- Continue to update existing analyses with updated data as it becomes available
- In-depth analysis on specific themes

Targeted ID Review - 2024





Purpose & Timing



 To undertake a targeted review of information disclosure requirements for EDBs, focusing our efforts on making changes expected to improve the longterm benefit of consumers of regulated services in the areas relating to quality, decarbonisation, asset management and aligning ID disclosures with other rules we administer.

Timing

August 2023: draft decision

September 2023: submissions

October 2023: cross submissions

Final decision: early 2024

Publications are here

Goals of TIDR



Our draft decision is designed to improve the quality of disclosed information and prepare for the future.

We have targeted the following areas:

Decarbonisation: Expand reporting requirements to capture more information on network constraints, non-traditional solutions, and pricing;

Asset management: Refine reporting requirements on vegetation management to capture more fulsome and consistent information on EDB practices and capability;

Quality of service: Extend reporting requirements on quality of service to capture more granular information on quality and reliability of EDB services; and

Other important changes: Clarifying definitions and updating assurance standards.

New data requirements



Based on DRAFT decision, (subject to change)

- Network constraints
- Work and investment on flexibility services
- Standardised pricing components including transmission costs
- Raw interruption data and information on worst-performing feeders
- Vegetation management

Vegetation Management



We proposed disaggregating opex disclosure for vegetation into further categories, such as:

- Service interruptions and emergencies.
- Routine and corrective maintenance.
- Vegetation management.

We also proposed further disclosure on vegetation hazards near EDB overhead circuit sites, and further disclosure on the causes of unplanned interruptions.

We've received feedback on the proposed categories and are considering further work on defining them. Some of the feedback included:

- There are auditability concerns around how to capture costs that the EDB incurs through a third party.
- The disclosure on vegetations hazards would capture a moment in time rather than risk exposure over the whole year.
- The level of disaggregation on causes of unplanned interruptions relies on subjective assessment and is unlikely to be auditable.

Performance Analysis tools and reports



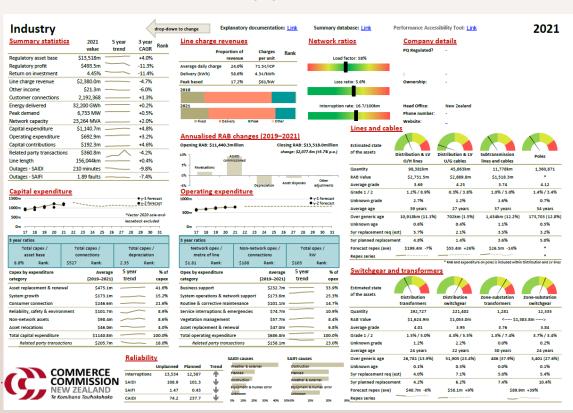


One Page Performance Summary



- At a glance metrics and measures across a range of performance outcomes
- Try to provide a broad picture for each supplier
- Updated annually

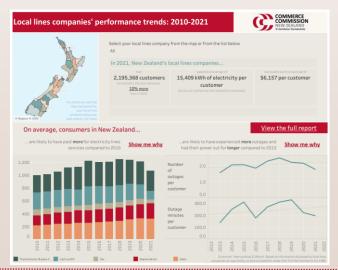
https://comcom.govt.nz/regulatedindustries/electricity-lines/electricitydistributor-performance-anddata/performance-summaries-forelectricity-distributors



Trends in supplier performance dashboard



- Newest tool (published Jul 2022) covers trends in average price, profitability and reliability – to be updated annually
- Uses Tableau, a data visualisation software, to present information on selected range of information disclosure data from the last 10 years.
- Able to view statistics for individual suppliers
- Accompanied by industry-level report



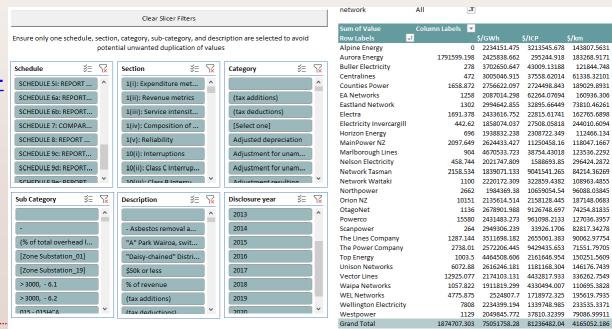
https://comcom.govt.nz/regulated-industries/electricity-lines/electricity-distributor-performance-and-data/trends-in-local-lines-company-performance

Excel Database



- Excel file containing data from 2013 2022
- Include pivot table function to identify and export smaller datasets
- Updated bi-annually

https://comcom.govt.nz/regulatedindustries/electricity-lines/electricitydistributor-performance-anddata/information-disclosed-byelectricity-distributors



Performance Accessibility Tool (PAT)

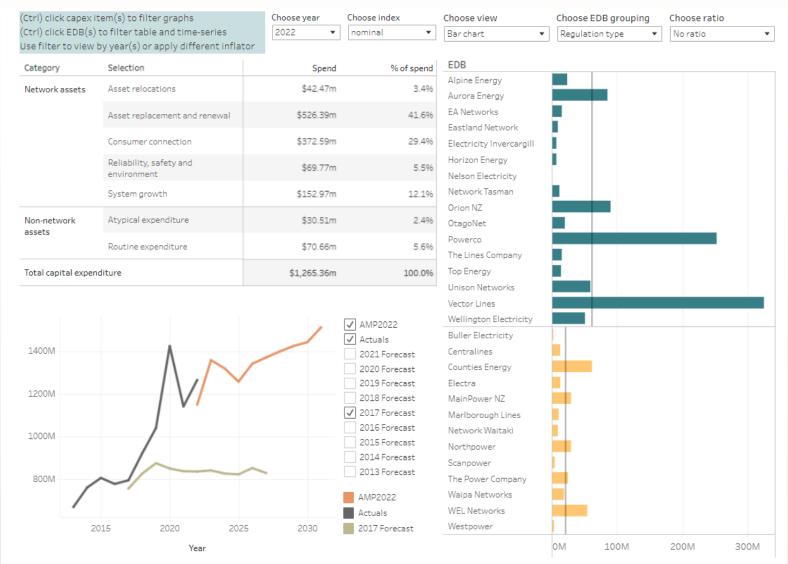


- Uses Tableau, a data visualisation software, to present information on selected range of information disclosure data from the last 9 years.
- It covers profitability and revenue, capital and operating expenditure, and reliability
- Makes information about the performance of regulated businesses more accessible
- Updated annually

https://comcom.govt.nz/regulatedindustries/electricity-lines/electricity-distributorperformance-and-data/performance-accessibilitytool-for-electricity-distributors

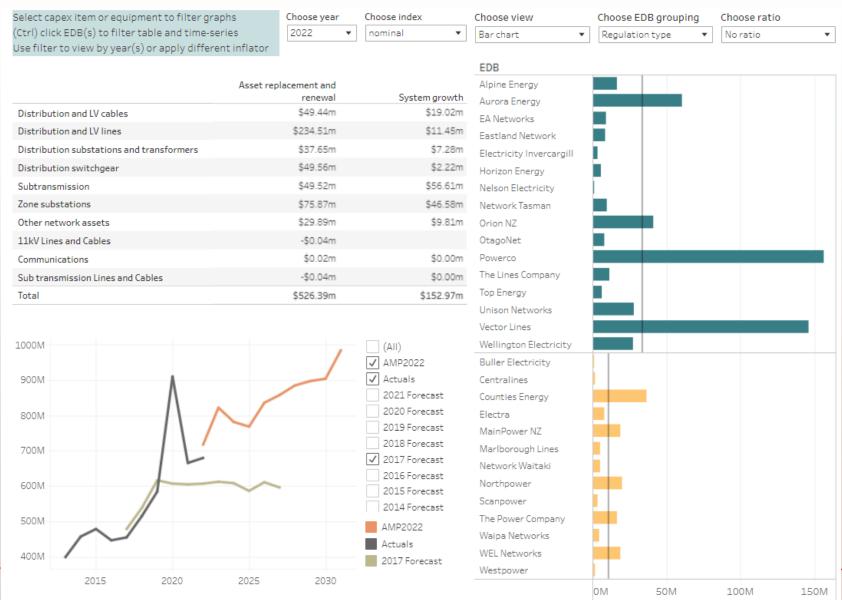
PAT: Capital expenditure



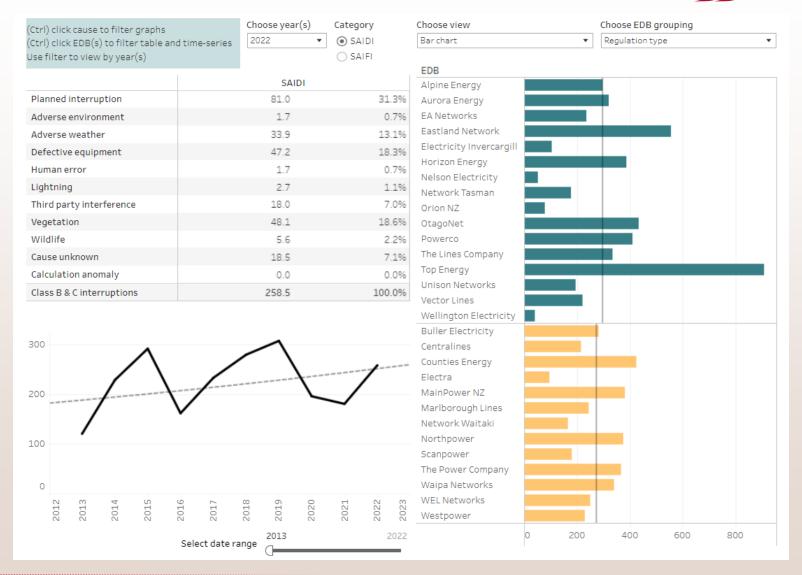


PAT: Renewal and growth capex





PAT: Reliability by cause (SAIDI and SAIFI) COMMERCE COMMISSION NEW ZEALAND TE KOMINIANT TOURISM TOURI



PAT: Asset condition data

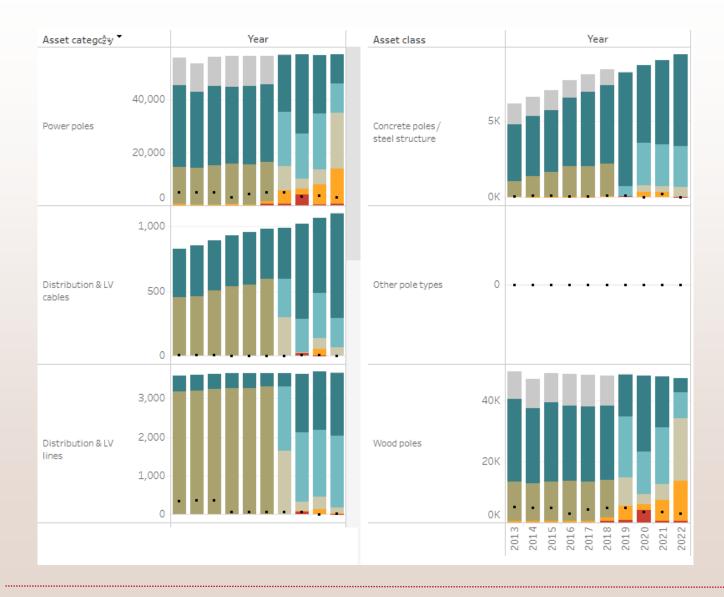




Data accuracy?

PAT: Asset condition data





Development ideas



 Is there anything that industry is interested in Commerce Commission including?

