



Invercargill – Awarua Power Line Residents Update Meeting

11 November 2024

Jason Franklin – Chief Executive

Situation Update

- the final line route has been confirmed, including what side of the road the line will occupy
- as previously advised, have considered other line routes and the option of a grid exit point at Awarua (tapping into the Transpower line to Tiwai). These have been discounted due to congestion, cost and risk of overbuild
- a lot of feedback from residents which has been considered and incorporated where possible. Thank you for your input
- we believe we have a better solution to that outlined on 20 August
- communication plan in place, will continue throughout the construction phase. Please ensure you are registered to receive up-to-date communications

Line Route - Overview



Line Build Principles

- a powerline only down one side of the road, not both
- the new line will meet all Legislation, Regulation and Standards requirements, including;
 - Electricity Act 1992, Resource Management Act 1992, NZECP34, AS/NZS 7000, Invercargill District Council (ICC) District Plan
- residents' requirements during construction will be met wherever possible, including diesel generators
- assurances regarding electro-magnetic fields (EMFs) will be provided (testing before and after if residents wish)

Specifics per Road

- Findlay Road
- East Road (State Highway 1)
- Mill Road South
- Mason Road

Findlay Road

- the new line will be along the Ascot Racecourse side (south side) of the road
- existing line (north side) will have some circuits (high voltage) moved across onto the new line and the local services (low voltage) undergrounded
- changes have ensured we meet the principle of having a line only on one side of the road
- work will be in two packages;
 - low voltage tidy-up from December 2024
 - 66kV line build from mid-June to end-July 2025

East Road (State Highway 1)

- existing line will have its circuits moved onto the new line
- work will start with poles installed at end May and target completion by end June 2025
- helicopters will be used to place conductors (line) around mid-July

Mill Road South

- the new line will be in the same location as existing line – an upgrade
- number of power poles will reduce from 60 to 33
- previously considered moving it to the west side of the road – will not be doing that
- there are good reasons for keeping line on east side;
 - residents already have a powerline on their side of the road
 - residents have existing obligations around vegetation and powerlines & understand them
 - other side (West side) has twice as many access ways (driveways, etc)
- construction will be more complex than if we built on the west side, as we will need planned power outages, during the day, during the build period (max 3 days per section)
- work will commence early May through to end June 2025, starting Mason Road end

Mason Road

- existing line (north side) will have some circuits (high voltage) moved across onto the new line
- changes have ensured we meet the principle of having a line only on one side of the road
- work will start mid April through to the end of May 2025

Construction Period

- construction site on PowerNet land (off Findlay Road) will be established this month
- construction will start from 1 December
- targeted PowerNet communications will occur before any planned outages
- if residents require power during the planned outages, which will be limited to during the day only (not overnight) we can discuss with you options for us to provide a diesel generator
- we will plan to limit any inconveniences caused by planned outages

Communications

- project updates on www.powernet.co.nz/current-projects
- we will email and send letters to you, leading up to and during the construction period
- please fill out the registration form, to ensure we can email and post to you direct – this is important leading up to and during the construction period
- any queries, contact us on
 - email awarualine@powernet.co.nz
 - phone 03 211 1899

Questions?