

# Interflow<sup>®</sup>

## Tallawarra Discharge Pipeline Renewal Works



**\$774k** 

project value

**EnergyAustralia** 

customer

**NSW** 

Tallawarra

**2023** 

year completed

**622m** 

of pipeline

Helping solve  
our customers  
problems

# The project

Interflow designed and installed a new pipeline to enable EnergyAustralia Tallawarra to discharge clean water into nearby wetlands. The new pipeline supports the development of the Tallawarra B Power Station, which in peak periods will deliver reliable power to an additional 60,000 New South Wales homes.

Engaged by EnergyAustralia Tallawarra, Interflow designed and constructed a new clean water discharge pipeline called 'Talla B'. The Talla B pipeline is part of EnergyAustralia's plan to discharge clean water from the Tallawarra B Power Station directly to the nearby wetlands.

The total length of this pipeline is 547 metres and is made up of a combination of DN160 and DN110 PE pipe. Interflow successfully installed this pipeline using a combination of open trench and bed boring construction methodologies.

As part of this project, Interflow also installed a connecting pipeline to tie the newly installed Talla B pipeline into the existing Talla A clean water discharge pipeline. This connection pipeline was 75m long and was installed using both open trench and horizontal directional drilling.

The now connecting pipelines will enable Energy Australia Tallawarra to have both Tallawarra A Power Station and the new Tallawarra B Power Station, discharge clean water through the newly installed pipeline to the nearby wetlands.

To complete these works, Interflow were responsible for ensuring the pipeline was constructed as per Issued For Construction (IFC) drawings. This included pressure testing the pipelines by NATA accredited third party company prior to commissioning.





## The challenge

Working with several contractors and EnergyAustralia's operation team, the crew was challenged with working alongside the completion of the Tallawarra B Power Station project and meeting tight deadlines.

A Yallah Bay Road upgrade by the local Council enforced some construction methodology restrictions to ensure the new pipeline did not affect or coincide with Council's works.

The pipeline also was situated around multiple underground assets which needed to be carefully managed by the Interflow team.

## The solution

Interflow worked closely with the EnergyAustralia team to coordinate activities each day. This included frequent meetings and constant communication on site to ensure Interflow did not hinder the operations of other contractors who were assisting power station upgrades.

Effective preparation ensured there were no setbacks to the construction program and allowed the project to be completed on schedule. Extensive site investigation works were carried out prior to breaking ground to ensure all underground services were located and positively identified to avoid any service strikes.

Multiple methodologies were implemented to overcome environmental restrictions and ensure works did not affect the Yallah Bay Road upgrade. This included using a combination of open trench and bed boring methodologies.

**Through extensive preparation and planning, Interflow was able to deliver this project on time with no setbacks and within EnergyAustralia's budget.**

**The collaborative partnership between Interflow and EnergyAustralia was key to this project's success. This enabled Interflow to complete the construction of the Talla B pipeline and a new connection to the existing Talla A pipeline.**

**The work now enables the Tallawarra Power Station to efficiently discharge clean water through both pipes to nearby wetlands.**



# How we help

Our 4 Waters



**Water**



**Stormwater**



**Wastewater**



**Culverts**

**Interflow<sup>®</sup>**

**Creating the Future of Water**

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