

Lower Hunter Water Security Plan



The Lower Hunter Water Security Plan is a whole-of-government approach to ensuring the region has a resilient and sustainable water future that contributes to regional health and prosperity and is supported by the community. The plan outlines a program of actions to secure water for the Lower Hunter over the next 40 years.

Making better use of existing dams: a Hunter Water connection to the Glennies-Lostock scheme

The Greater Hunter Regional Water Strategy and NSW State Infrastructure Strategy 2018 both recommend a business case be completed for a two-way pipeline to connect Glennies Creek Dam with Lostock Dam.

A Hunter Water connection to the scheme would provide water supply benefits and a higher level of drought resilience to both the Lower Hunter and Central Coast regions.

Linking water supply systems creates the opportunity to optimise existing infrastructure and take advantage of variations in rainfall distribution and storage capacities across the broader region.

A new offtake on the Paterson River would be built near Paterson to enable Hunter Water to access river flows downstream of Lostock Dam. Water would then be delivered by pipeline to either Grahamstown Dam or pumped to a new water treatment plant and delivered into the drinking water supply network at Maitland.

Releases for Hunter Water would be above current allocations for water users on the river and existing end of system flow requirements to ensure environmental assets are protected.

Key features

- Up to 50 million litres per day additional water supply capacity for the Lower Hunter
- Making better use of existing infrastructure
- Improves regional water resilience by linking Upper Hunter, Lower Hunter and Central Coast water systems
- If connected directly to Maitland system, increases the diversity and resilience of the Lower Hunter's water supply system by providing an additional water supply source.

