



Australian Government



Status of the National Water Grid Fund (NWGF) construction projects (as at 25 October 2022)

State	Project name	NWGF funding	Description	Project Status
<i>Completed projects (9)</i>				
VIC	Sunraysia Modernisation Project 2	\$3,025,000	The project augmented existing infrastructure to enable the growth of irrigated agriculture west of the Merbein and south of the Red Cliffs irrigation districts. The project has provided a reliable water supply to enable further expansion of irrigation in the region, supplying water for over 2,000ha of new agricultural developments.	Completed October 2019.
VIC	South West Loddon Rural Water Supply Project	\$20,000,000	The project extended the Wimmera Mallee stock and domestic pipeline in the south-west Loddon region in Victoria's north. The project has provided a secure, predictable rural water supply to support agriculture in the south-west Loddon region. Over 120,000ha of land is now connected to the pipeline and 380 newly connected properties will no longer have to cart water in dry years.	Completed May 2020.
VIC	Macalister Irrigation District Modernisation Phase 1B Project	\$20,000,000	The project upgraded the Southern-Tinamba Supply Zone by replacing the upper channel system with a gravity pipeline and automation and modernisation of the lower channel system. The project has improved water efficiency through reduced losses and increasing water availability and security through the creation of an additional 9,700ML of additional water for productive use.	Completed November 2020.
VIC	Mitiamo and District Reticulated Water Supply Project	\$14,500,000	The project constructed a new pressurised pipeline to integrate water supply across the district, a pump station and a winter supply storage dam with net storage capacity of 85ML. This project provides a secure pressurised water supply to sustain a viable regional economy, with improved service delivery and reliability for around 170 rural properties.	Completed April 2021.
QLD	Warwick Recycled Water for Agriculture	\$309,261	The project constructed a 4km pipeline extension to extend the supply of high quality recycled water in the Warwick Industrial Estate. The project is supplying recycled water to additional agricultural and industrial users and is helping build drought resilience, increase reliability and secure affordable supply for users.	Completed February 2021.
QLD	Mareeba-Dimbulah Water Supply Scheme	\$11,634,000	The project modernised the current water supply scheme, including the replacement and installation of around 14km of pipeline and installation of automated control gates. This project has improved water distribution efficiency and increased water availability by up to 8,306ML through reduced losses, enabling irrigators to better manage and meet crop water demands.	Completed December 2021.



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<i>Completed projects (9)</i>				
SA	Coolanie Water Scheme	\$715,000	The project has delivered 40km of supply and distribution pipelines to around 30 farm properties and has the capacity to expand subject to demand. The project has increased water security in the Coolanie Plains on the Eyre Peninsula and ensures peak usage demands can be reliably met. This is allowing primary producers to increase lamb production by around 50 per cent.	Completed May 2020.
SA	McLaren Vale Treated Water Storage	\$2,500,000	The project delivered a new 600ML water storage dam and connected the existing Quarry Road pump station to supply treated water in the McLaren Vale region. The new facility supplies recycled waste water to support increased grape production in McLaren Vale and is improving the industry's sustainability. It is enabling vineyard expansion, by around 500ha, and supporting an increase in the production of premium grapes and wine.	Completed June 2020.
TAS	Scottsdale Irrigation Scheme	\$25,270,000	The project delivered a new dam and a water distribution network with 92km of pipelines. The project is helping build resilience to drought for northern Tasmanian producers and is supporting more higher-value irrigation agriculture and dairy, by servicing an additional 13,000ha of irrigable land.	Completed May 2020; operational November 2020.

State	Project name	NWGF funding	Description	Project Status
<i>Contracted with the State or Territory and under construction projects (9)</i>				
NSW	Dungowan Dam and Pipeline	Up to \$675,000,000	The proposed project includes construction of a new Dungowan Dam that would increase storage capacity from 6.3GL to 22.5GL and a new 55km pipeline to supply water from the dam to the Calala Water Treatment Plant. This project would improve water security, help build drought resilience and improve water reliability for agricultural production. Construction has commenced on the pipeline as a no regrets priority, with construction on the dam deferred while further consultation is undertaken to confirm the preferred solution to ensure water security for Tamworth.	Contracted 22 January 2021.  Stage 1 Pipeline under construction and expected completion in late 2023. Dam construction deferred.
NSW	Eurobodalla Southern Storage	\$51,224,000	The project will construct a 3,000ML off-stream water storage and supporting pumping infrastructure to enable full linkage and integration of the Eurobodalla region supply system. The project will improve water availability and security for the region by increasing storage and providing an estimated additional 581ML per annum for downstream irrigators and stock watering.	Contracted 20 October 2021.  Under construction. Expected completion late 2024.



State	Project name	NWGF funding	Description	Project Status
<i>Contracted with the State or Territory and under construction projects (9)</i>				
VIC	Western Irrigation Network	\$48,071,000	The project will construct a pipeline network to deliver high-quality recycled water from the Sunbury, Melton and Bacchus Marsh treatment plants to develop the Parwan/Balliang Irrigation Scheme. This project will provide a new and secure recycled water supply to support viable agricultural expansion in the Parwan/Balliang region.	Contracted 29 September 2020.  Under construction. Expected completion mid 2025.
VIC	Macalister Irrigation District (MID) Modernisation Phase 2 Project	\$41,296,500	The project will build on previous investment across the Macalister Irrigation District. It includes the replacement of open channel systems with new pipelines, and modernisation works including the upgrade and automation of outlets. This project will increase water availability and security through the generation of around 10GL of water savings and will improve water delivery efficiency to support increased productivity and improved environmental outcomes.	Contracted 29 September 2020.  Under construction. Expected completion late 2024.
QLD	Rookwood Weir	\$183,600,000	The project is constructing the new Rookwood Weir on the Fitzroy River near Rockhampton, and includes enabling works to upgrade existing infrastructure to support the construction and operation of the weir. The project will provide water security to help grow and diversify agriculture in the region, and support industrial and urban water use around the Gladstone, Capricorn Coast and Rockhampton regions.	Contracted 5 October 2020.  Under construction. Expected completion mid 2023.
QLD	Warwick Recycled Water for Agriculture – Recycled Water Treatment Upgrade	\$480,979	The project will upgrade an existing recycled water treatment plant by constructing a new complete filtration system, installing a UV disinfection system and refurbishing chemical systems to improve water quality and enable additional uses. The project will provide up to an additional 3.5ML of recycled water per day, and support around 10 local businesses.	Contracted 29 September 2021.  Under construction. Expected completion mid 2023.
SA	Northern Adelaide Irrigation Scheme	\$45,600,000	The project will deliver new water treatment facilities in the Northern Adelaide Plains, and will construct infrastructure to treat, store and distribute recycled irrigation water to local producers. This project will provide an additional 12GL of recycled water for horticultural production, supporting expansion and intensification of investment in higher value agriculture in the Northern Adelaide Plains. It will also provide local growers with a climate-independent source of recycled water to help improve water security and build resilience to drought.	Contracted 16 February 2018.  Under construction. Expected completion mid 2024.



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<i>Contracted with the State or Territory and under construction projects (9)</i>				
TAS	Don Irrigation Scheme*	\$26,280,000	The project will construct two separate pump stations and distribution networks to deliver over 4,700ML of high surety water annually to scheme participants through the regions of Don and Barrington. This project will provide high surety water to scheme participants over a 180-day summer irrigation season with capacity for supply during the winter months.	Contracted 28 June 2021.  Under construction. Expected completion late 2023.

State	Project name	NWGF funding	Description	Project Status
<i>Contracted with the State or Territory and underway projects (10)</i>				
NSW	Wyangala Dam Wall Raising	\$325,000,000	The proposed project would raise the current dam embankment and downstream rock fill to add an additional 650GL of storage to the dam. An increase in the dam storage capacity of 53 per cent will result in a significant improvement in drought resilience, water security, flood attenuation and water reliability for the Lachlan River. Construction of the project has been deferred until the business case is completed and a delivery pathway confirmed.	Contracted 22 January 2021.  In planning. Expected completion TBC.
VIC	East Grampians Rural Water Supply Project	\$57,100,000	The project will improve efficiency of water use in the East Grampians region, by supplying 1,700ML per annum of reticulated water and provide around 1,500 rural enterprises with the opportunity to access a reticulated water supply.	Contracted 7 May 2020.  In planning. Expected completion late 2024.
VIC	Recycled Water on the Bellarine	\$5,528,000	The project will upgrade an existing water reclamation plant by installing an ultra-filtration and reverse osmosis plant to improve quality and volume of supply. The project will ensure secure, predictable supplies of water now and into the future. The project will improve the quality and increase the volume of recycled water to Class B. This includes upgrading the Portarlington Water Reclamation Plant.	Contracted 4 October 2021.  In planning. Expected completion mid 2024.
VIC	Werribee Irrigation District Modernisation (Stage 4 & 5)	\$10,974,000	The project will replace approximately 16.2km of inefficient channel-based irrigation network with new pipeline and install automated outlets to reduce water losses and improve reliability. The project is expected to reduce water losses, improve yield by a further 1,350ML per annum and increase farm gate revenue by over \$1.8 million per annum.	Contracted 4 October 2021.  In planning. Expected completion late 2024.



State	Project name	NWGF funding	Description	Project Status
<i>Contracted with the State or Territory and underway projects (10)</i>				
QLD	Emu Swamp Dam and Pipeline	\$168,500,000	<p>The project would include the construction of a 12GL dam on the Severn River near Stanthorpe, and a 117km pipeline distribution network. The Emu Swamp Dam project would increase water availability for productive use by up to 40 per cent and increase water security and provide growers with the confidence and certainty to expand agricultural production in the region.</p> <p>The project has been deferred to allow for a review of the business case and consideration of other options that could deliver improved water security for Stanthorpe and support growth.</p>	<p>Contracted 5 October 2020.</p> <p>In planning. Expected completion TBC.</p>
QLD	Big Rocks Weir <sup>1</sup>	\$38,000,000	<p>The project will construct a new weir in the Charters Towers region of North Queensland. It will allow for enhanced agricultural output in the region. It will also deliver water to support high-value crop production, and water security to transition to high-value perennial crops such as table grapes, avocados and mangoes.</p>	<p>Contracted 29 September 2021.</p> <p>In planning. Expected completion TBD.</p>
TAS	Fingal Irrigation Scheme*	\$35,000,000	<p>The proposed project would deliver infrastructure that allows water to be sourced from the South Esk River and pumped via at least 2km of dual supply line to be stored in a 14GL capacity dam during the winter period. During the 150-day summer irrigation period the scheme would release in excess of 12.6GL of high surety irrigation water back into the South Esk River via the same supply line for riparian delivery to scheme participants.</p> <p>The project has been placed on hold by the Tasmanian Government.</p>	<p>Contracted 28 June 2021.</p> <p>In planning. Expected completion TBD.</p>
TAS	Northern Midlands Irrigation Scheme*	\$25,000,000	<p>The project will harvest in excess of 25GL of water annually from the Poatina Power Station and includes the construction of three pump stations, three balance tanks and at least 100kms of underground pipeline network. The piping network will allow delivery to scheme participants in the regions of Campbell Town, Poatina, Lower Macquarie and the Isis River over a 180-day summer irrigation season.</p>	<p>Contracted 28 June 2021.</p> <p>In planning. Expected completion late 2024.</p>
TAS	Sassafras Wesley Vale Irrigation Scheme*	\$15,000,000	<p>The project will, subject to the finalisation of the business case, support the delivery of in excess of 14GL of additional water annually into the existing Sassafras-Wesley Vale Irrigation Scheme, sourced from the Mersey River and Hydro Tasmania's Lake Parangana. The augmentation will make water available to existing and new participants in the Scheme and will expand the Scheme's scope, which is based in the area encompassing Sassafras and Wesley Vale, on the north-west coast of Tasmania.</p>	<p>Contracted 28 June 2021.</p> <p>In planning. Expected completion mid 2025.</p>



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<i>Contracted with the State or Territory and underway projects (10)</i>				
TAS	Tamar Irrigation Scheme*	\$12,450,000	The project will, subject to the finalisation of the business case, deliver pipelines and pump stations to both the east and west Tamar regions and will support the delivery of in excess of 11GL of high reliability irrigation water. To the west of the Tamar River, the scheme will make water available between Beauty Point and Carrick, including Rosevale, Legana, Exeter, Bridgenorth and Flowery Gully. To the east, the scheme will make water available to an area including Hillwood, Karoola, Pipers Brook and Weymouth.	Contracted 28 June 2021.  In planning. Expected completion TBD.
TAS	Lake Leake Dam Life Extension Upgrade	\$1,500,000	The project will upgrade the existing Lake Leake Dam wall and spillway to reduce dam failure risk and meet contemporary standards. The works will extend the dam's useful life, maintaining 14.6GL per year of water for crop and livestock production and providing ongoing water supply certainty for local irrigators in the Campbell town region. The project will also provide ongoing water security for town water, tourism, recreation and environmental use.	Contracted 29 March 2022.  In planning. Expected completion mid 2023.

<sup>1</sup> Managed by the North Queensland Water Infrastructure Authority

\*Tasmania Irrigation: Tranche III projects - Australian Government has committed an additional \$100.0m to the projects.



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State	Project name	NWGF funding	Description	Project Status
<i>Committed but not contracted projects (9)</i>				
NSW	Nyngan to Cobar Pipeline- Stage 1	\$23,000,000	The project is stage one of a broader project and includes the replacement of pumping infrastructure to ensure continued water security and reliability for the Cobar region. The project will deliver replacement of three pumping stations at Nyngan, Hermidale and Cobar Storages and related ancillary infrastructure.	In planning.
QLD	Paradise Dam Improvement Project	\$600,000,000	The project will restore the Paradise Dam to its full 300GL capacity. Once completed Paradise Dam will provide a reliable and secure water supply to support local agricultural, industrial and urban demand.	In planning.
QLD	Cairns Water Security Project- Stage 1	\$107,500,000	The project will provide new water sources for the Cairns region, through the construction of a new water treatment plant and supporting water infrastructure.	In planning.
QLD	Mount Morgan Water Supply Project	\$3,500,000	The project will connect Mount Morgan's water supply with Rockhampton's water supply network. This includes construction of a potable water pipeline, an additional water storage and main transfer pump station.	In planning.
QLD	Groundwater Improvements in the Lower Burdekin	\$12,500,000	The project seeks to address rising groundwater and related issues, such as increasing salinity, in the Lower Burdekin Region. The project will develop a new bore field to extract additional groundwater and deliver a series of targeted efficiency upgrades to reduce seepage through irrigation channels.	In planning.
QLD	Hughenden Irrigation Scheme <sup>1</sup>	\$180,000,000 (includes \$10,000,000 for a Detailed Business Case)	The project will deliver a new irrigation scheme and an off-stream storage dam about 45km north west of Hughenden. The project would help increase the value of agricultural production in high value areas and support the irrigation of up to 10,000ha of farmland.	In planning.
WA	Southern Forests Irrigation Scheme	\$39,720,000	The project will, subject to the finalisation of the business case, construct an off-stream 15GL storage dam on Record Brook near Manjimup and approximately 250km of pipeline distribution network. The scheme will provide increased water security to underpin expansion of irrigated horticulture in the region.	In planning.
TAS	Bicheno Recycled Water Scheme	\$5,000,000	The project will construct a distribution network for recycled water, including pipelines, pump stations and a 100ML storage dam for primary producers in the Bicheno region. The project will increase the availability of reliable recycled water and initially provide an additional 64ML per year of water. The project is expected to support economic growth by increasing productivity, farm value and employment opportunities in the community.	In planning.



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State	Project name	NWGF funding	Description	Project Status
<i>Committed but not contracted projects (9)</i>				
NT	Darwin Region Water Supply Infrastructure Program- Stage 1	\$300,590,000	The project includes returning Manton Dam to service through upgrading existing infrastructure and building the first phase of the Strauss Water Treatment Plan and distribution network and pre-construction activities for the Adelaide River Off-Stream Water Storage (AROWS) project. This includes progressing the environmental impact assessment, pre-tender concept design, delivery model assessment, and further investigation of financial and economic outcomes. Returning Manton Dam to service will enable an additional 14GL of usable water storage capacity and make 7.3GL per annum available for productive use.	In planning.

<sup>1</sup> Managed by the North Queensland Water Infrastructure Authority





State	Project name	NWGF funding	Description	Project Status
<i>Connections funding pathway packages (7)</i>				
NSW	NSW Connections Funding Pathway	\$15,754,800	Construction of the following projects: <ul style="list-style-type: none"> <li>• Lake Wyangan Water Sustainability Project</li> <li>• Walcha Off-Stream Water Storage</li> <li>• West Wyalong Water Reliability Project</li> <li>• Broken Hill to Menindee Graziers Pipeline</li> <li>• Urbenville Water Supply Project.</li> </ul>	Contracted 20 October 2021.  Under construction. Expected completion late 2023.
VIC	VIC Connections Funding Pathway	\$20,000,000	Construction of the following projects: <ul style="list-style-type: none"> <li>• Kyneton Recycled Water Irrigation project</li> <li>• Victoria's Emergency Water Supply Point Network</li> <li>• Sunday Creek Irrigation Reconfiguration project</li> <li>• Goulburn-Murray Irrigation District Channel Embankment Infrastructure Improvement project</li> <li>• Critical Head works Infrastructure for the Modernised Goulburn-Murray Irrigation District</li> <li>• Horsham Agriculture SmartWater for Grains project</li> <li>• Gisborne to Sunbury Recycled Water Interconnector: Stage 1</li> <li>• Bacchus Marsh Resilience &amp; Critical Infrastructure</li> <li>• Macalister Resilience &amp; Critical Infrastructure.</li> </ul>	Contracted 4 October 2021.  Under construction. Expected completion mid to late 2023.
QLD	QLD Connections Funding Pathway	\$4,760,000	Construction of the following projects: <ul style="list-style-type: none"> <li>• Warrens Gully System Capacity Upgrade.</li> </ul>	Contracted 29 September 2021.  Under construction. Expected completion mid 2023.
WA	WA Connections Funding Pathway	\$20,000,000	Construction of the following projects: <ul style="list-style-type: none"> <li>• Cave Springs Road Tail Water Return System</li> <li>• Agricultural Area Dams and Strategic Community Water Supplies</li> <li>• Katanning to Kojonup Pipeline Enhancement</li> <li>• Jerramungup Dam Catchment Improvement</li> <li>• Gascoyne Irrigation Scheme Augmentation and Modernisation</li> <li>• Community Water Supplies Partnership Program with Local Government</li> <li>• Ravensthorpe Dam Catchment</li> <li>• Cranbrook Dam Catchment Improvement</li> <li>• Wongutha Independent Water Security Pilot.</li> </ul>	Contracted 28 October 2021.  Under construction. Expected completion late 2023.



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<i>Connections funding pathway packages (7)</i>				
SA	SA Connections Funding Pathway	\$20,000,000	Construction of the following projects: <ul style="list-style-type: none"> <li>• Waikerie Irrigated Agricultural Water Access and Security project</li> <li>• Greenway's Irrigation Trust – Increasing Water Availability, Reliability and Efficiency</li> <li>• Recycled Water Pipeline to Nairne – Stage 1</li> <li>• Callington Connection</li> <li>• Water Recycling Project – Seven Point Pork</li> <li>• Project 312 – The Olive Oil project</li> <li>• Regional Recharge Farms</li> <li>• Pogona Barbata – Water for High-Tech Horticulture</li> <li>• Barossa Wine Grape Water Source Diversification</li> <li>• Improving Water Deliverability and Accessibility in the Lower Murray Reclaimed Irrigation Area.</li> </ul>	Contracted 8 October 2021.  Under construction. Expected completion late 2023.
TAS	TAS Connections Funding Pathway	\$20,000,000	Construction of the following projects: <ul style="list-style-type: none"> <li>• South Arm Recycled Water Pipeline</li> <li>• Greater Meander Irrigation Scheme Augmentation</li> <li>• Penna Recycled Water Scheme Expansion</li> <li>• Shellfish Lease Water Quality Improvement Program.</li> </ul>	Contracted 28 October 2021.  Under construction. Expected completion late 2023.
NT	NT Connections Funding Pathway	\$7,400,000	Construction of the following projects: <ul style="list-style-type: none"> <li>• Katherine Logistics and Agribusiness Hub Water Supply</li> <li>• Emerging Agribusiness Precinct – Gunn Point Peninsula.</li> </ul>	Contracted 21 October 2021.  Under construction. Expected completion late 2023.