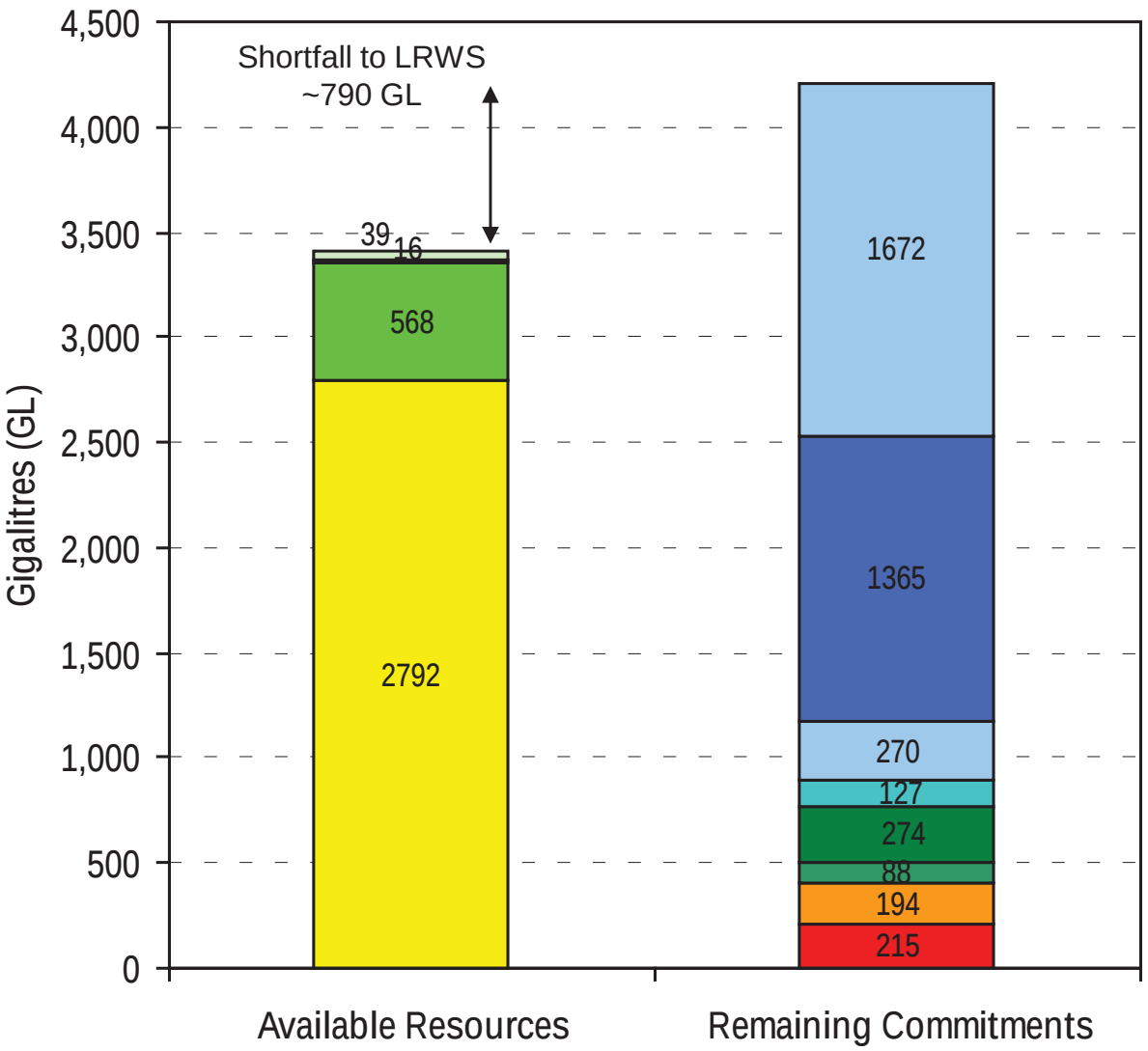
Goulburn System

Breakdown of Water in Store and Commitments 15 January 2018



Remaining Commitments

- Commitments for 2018/19
- Remaining Allocated Volume (incl Carryover)
- NRSWS Policy Reserve for 2018/19
- Channel Distribution Losses to 15 May 2018
- Trade Commitments to Murray System
- Urban and Environment
- Storage and River Losses
- Volume Below Minimum Operating Level

Available Resources

- Campaspe, Loddon & Broken Trade Commitment to Goulburn
- Campaspe & Loddon Supplements
- Forecast Inflows to Eildon and Goulburn Weir
- Water in Storage

ResourceManager

Goulburn System

Breakdown of Water in Store and Commitments: Terms and Definitions

Water in Storage: The volume of water held in Lake Eildon, Waranga Basin and Greens Lake.

Forecast Inflows to Eildon and Goulburn Weir: The volume of forecast inflows in tributaries above Lake Eildon and Goulburn Weir for the 2017/18 and 2018/19 seasons with a probability of exceedance of 99%.

Campaspe, Loddon & Broken Trade Commitment to Goulburn: The volume held in the Campaspe, Loddon and Broken systems that needs to be delivered to the Goulburn system as result of trade.

Campaspe/Loddon Supplement: The volume available from the Campaspe and Loddon systems to support the Goulburn seasonal determination.

Volume Below Minimum Operating Level: The volume of water that cannot be released through existing infrastructure under gravity. Pumping of Waranga Basin will not be required to support allocations in the 2017/18 season.

Storage and River Losses: The volume of evaporation and other water losses from the storages and from the natural rivers, lakes and waterways that are part of the irrigation network. Also called headworks losses.

Urban and Environment: Entitlements held by urban water corporations including Melbourne, irrigators on the lower Broken Creek. the Victorian Environmental Water Holder, Modernisation Water Savings Account and the water quality reserve.

Trade Commitments to Murray System: Total amount of Goulburn system water bought by Murray system users that is yet to be delivered and the carried over volume of Goulburn system water obtained from water savings projects that is to be delivered to the Murray instead of diverted from the Snowy hydroelectric scheme.

NRSWS Policy Reserve for 2018/19: The volume set aside between 30% and 50% seasonal determinations as a reserve for system operations in the 2018/19 season, as required by the Northern Region Sustainable Water Strategy (NRSWS).

Channel Distribution Losses to 15 May 2018: Estimate of the amount of water required to operate the GMW channel and pipeline delivery systems to deliver allocation to customers and urban water corporations.

Remaining Allocated Volume (including Carryover): The volume assigned to water share holders under a 100% seasonal determination of high-reliability water shares (HRWS) plus the carried over resources that were allocated to water share holders in previous seasons, that is yet to be delivered.

Commitments for 2018/19: The approximate volume required to provide operating requirements and determinations (up to 100% HRWS) in the 2018/19 season in addition to the NRSWS Policy Reserve. The ability to supply all high-reliability commitments in 2018/19 is required before a seasonal determination of low-reliability water shares can be made in the current season.

Source: Resource Manager

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