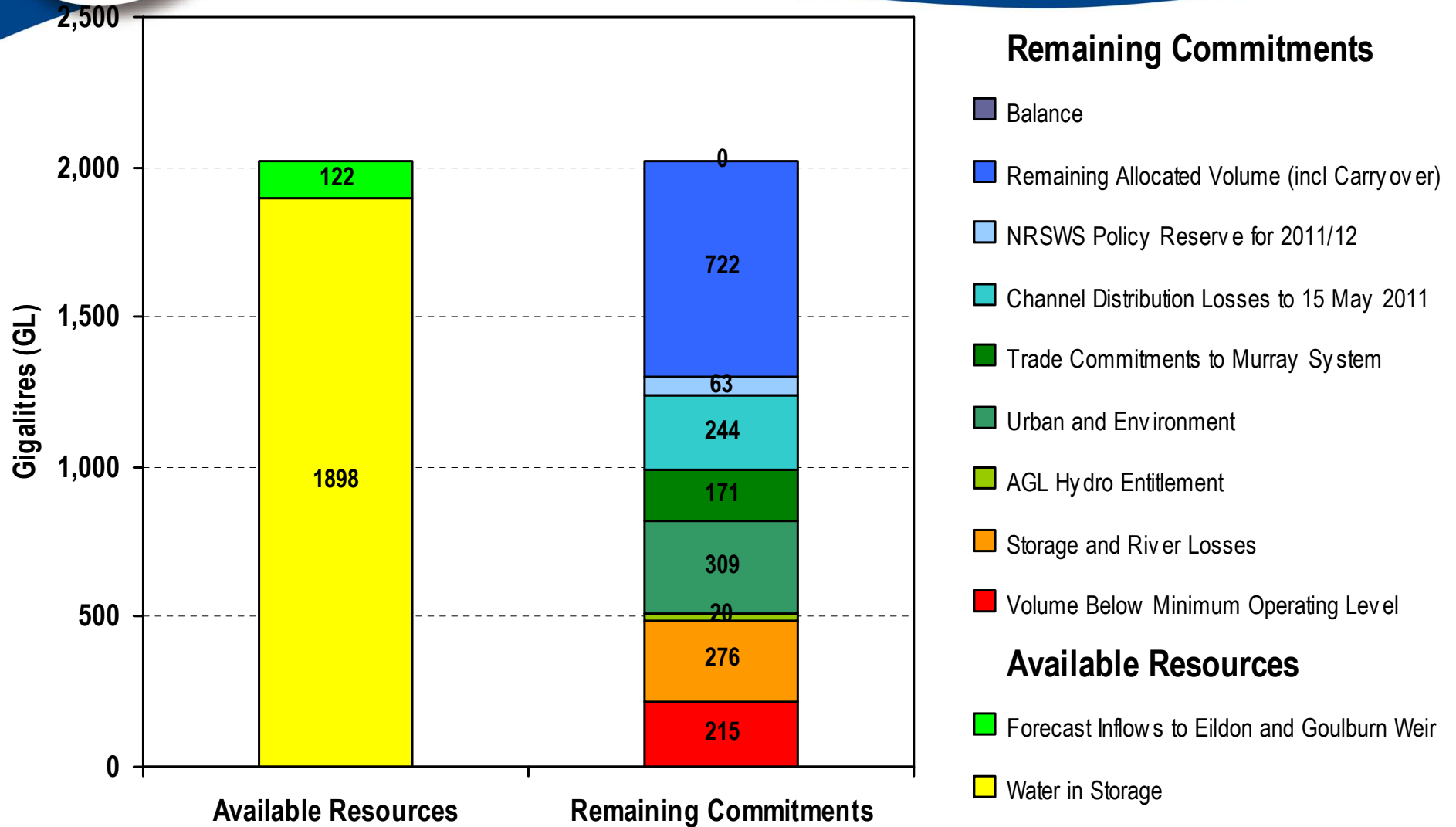




Goulburn System

Breakdown of Water in Store and Commitments
1 September 2010





Goulburn System

Water Balance 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 that are yet to flow into storage. Inflows to Goulburn Weir are limited by the ability to harvest water to Waranga Basin. This estimate of inflows assumes there are no further rain events for the year.

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 2010/11 season. The volume available from Waranga Basin pumping comprises the first 88 GL of the NRSWS Policy Reserve for 2011/12.

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.

AGL Hydro Entitlement: The volume allocated to the entitlement held by AGL Hyrdo for the purpose of power generation that cannot be harvested in Waranga Basin.

Urban and Environment: Entitlements held by urban water corporations including Melbourne, irrigators on the lower Broken Creek and the environment (including 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.

Channel Distribution Losses to 15 May 2011: Estimate of the amount of water required to operate the G-MW channel and pipeline delivery systems to deliver qualified essential human needs allocation to customers and urban water corporations.

NRSWS Policy Reserve for 2011/12: The volume set aside between 30% and 50% allocation as a reserve for system operations in 2011/12 season, as required by the Northern Region Sustainable Water Strategy (NRSWS). The commitment from Waranga Basin pumping, which comprises the first 88 GL of the reserve is shown in the 'Volume Below Minimum Operating Level'. The total volume of the reserve is 151 GL (63 GL shown in the diagram plus 88 GL from the volume available from Waranga Basin pumping).

Remaining Allocated Volume (including Carryover): The volume assigned to entitlement holders under a 41% allocation of high-reliability water shares plus the carried over resources that were allocated to entitlement holders in 2009/10, that is yet to be delivered. Carryover includes resources held by rural water customers.

Balance: The balance that is available to allocate when sufficient water is available to make up a full 1% of high-reliability water shares to all Goulburn customers.

Source: Goulburn-Murray Water