

25 January 2023

Paterson Regulated River Water Source

Water allocation update

There is no change to allocations. All entitlements, including general security licences, received their maximum allocation for the 2022/23 water year on 1 July 2022. General security water access licence holders can carry over up to 10% of their entitlement from one water year to the next water year, thus the maximum account balance allowable is 110% of entitlement. Their usage to 1 January 2023 has been only about 5% of their entitlement.

As of 22 January 2023, Lostock Dam was holding 20,200 megalitre (ML) of water, about 100% full. This time last year, the storage was also full.

This assessment returns a surplus of 1,810 ML, meaning, after allocating fully, there remains this volume of unassigned water to improve future system reliability.

Current allocation and average account balance

2022/23	General Security	Average Account Balance
Paterson Regulated River water source	100%*	105% [^]

* Maximum allowable.

[^] Current average account balance.

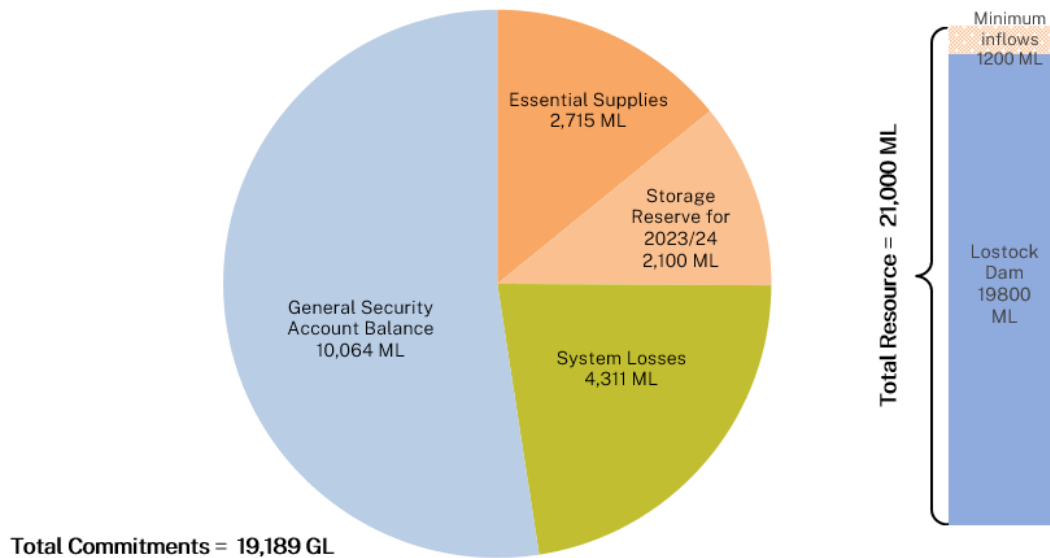
Resource assessment data sheet

Resource Distribution – January 2023	(ML)	(ML)
Lostock Dam active storage volume (as at 1/01/2023) ¹		19,800
Minimum storage inflows (February 2023 to June 2023) ²		1,200
<i>less</i>		
Basic Land Holder Rights	274	
Domestic and Stock	33	
Local Water Utility ³	63	
Minimum storage releases	200	
High Security (HS) account balance ³	145	
Environmental Water Allowance (EWA)	2,000	
Losses (evaporation, transmission, operation) ⁴	4,311	
Essential supplies reserve for 2023/24 ⁵	2,100	
General Security (GS) account balance ³	10,064	
<i>equals</i>		
Surplus (or deficit) ⁶		1,810

Notes:

- (1) This is the active storage volume in Lostock as of 1 January 2023, capped at active full supply volume of 19,800 ML. Higher volumes of storage surcharge and spill are not counted as available resource for allocation.
- (2) Minimum inflow sequence from 1 February 2023 to 30 June 2023 as the storage is currently full and unable to capture January inflows.
- (3) Estimated. Actual usage for 2022/23 may be lower if wet conditions continue.
- (4) Storage evaporation loss, transmission loss and operation loss pro-rated for the remaining months of the water year and from 1 February 2023 to 30 June 2023. Storage evaporation loss, transmission loss and operation loss are assumed from February 2023 as the storage is spilling and unregulated flows are covering January losses.
- (5) Water required to be set aside in the storage as reserve to meet system losses of 10,346 ML plus essential requirements of 3,054 ML minus 11,300 ML of minimum storage inflows for the 2023/24 water year. That is, $10,346 + 3,054 - 11,300 = 2,100$ ML needs to be reserved for the 2023/24 water year essential requirements and system losses. For the 2024/25 water year, no reserve is currently required as the future minimum inflows are expected to cover the system losses and essential requirements.
- (6) Surplus (or deficit) of water available after accounting for all commitments. The surplus signifies the additional resources available. As all accounts are allocated in full, this volume remains unallocated, improving the allocation reliability for the next water year.

Paterson Regulated River Water Source Resource Distribution 1 January 2023 to 30 June 2023



The history of allocations in 2022/23 is shown in the table below.

Table 1. Water allocations for the Paterson Regulated River Water Source in 2022/2023

Date	License Category	Increment	Total 2022/23
1-Jul	Domestic & Stock	100%	100%*
1-Jul	Local Water Utility	100%	100%*
1-Jul	High Security	1.00 ML/unit share	1.00 ML/unit share*
1-Jul	General Security	1.00 ML/unit share	1.00 ML/unit share*
1-Jul	Supplementary	1.00 ML/unit share	1.00 ML/unit share*

* Maximum allowable

Further information

The next quarterly water allocation statement for the Paterson River will be available in April 2023. This will include an outlook for the 1 July 2023 opening allocations.

Information on available water determinations and water sharing plans is available on the Department of Planning and Environment website - www.industry.nsw.gov.au/water

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