KAHRAMAA
كهرماء
المؤسسة العامة القطرية للكهرباء والماء
Qatar General Electricity & Water Corporation

Electricity & Water Statistics for Reliability and Quality of Supply

Years: 2020 - 2024



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INTRODUCTION - ELECTRICITY



This section comprises of Electricity Statistics related to reliability and quality of supply to the customers. Key indicators picked for this purpose are followings:

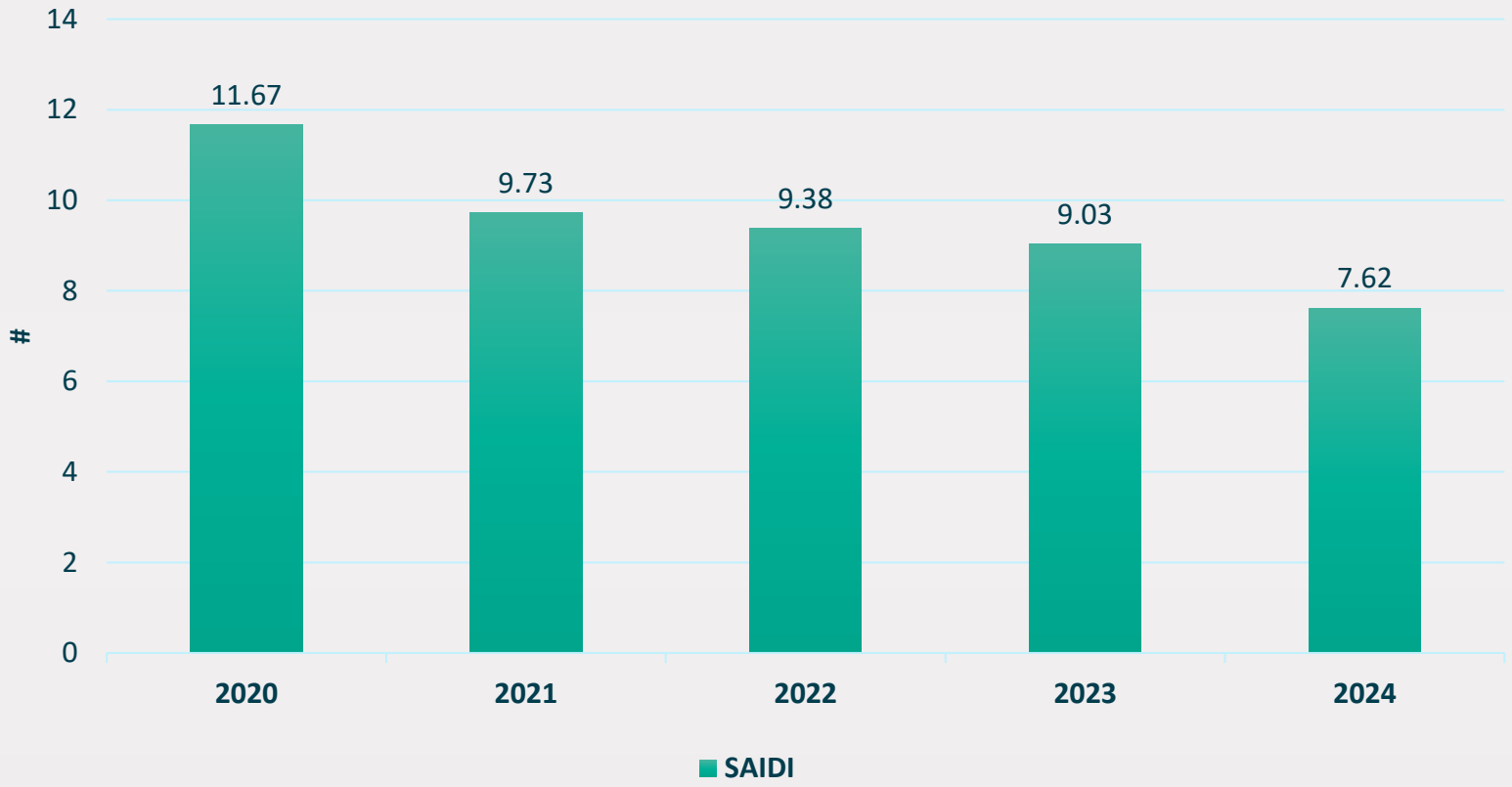
- ❑ System Average Interruption Duration Index (SAIDI)
- ❑ System Average Interruption Frequency Index (SAIFI)
- ❑ Transmission System Minutes Lost (SML)

The following sections pertains to details include the actual data for the above indicators for the years 2020 up to 2024.



Electricity - Quality of Supply Key Performance Indicators

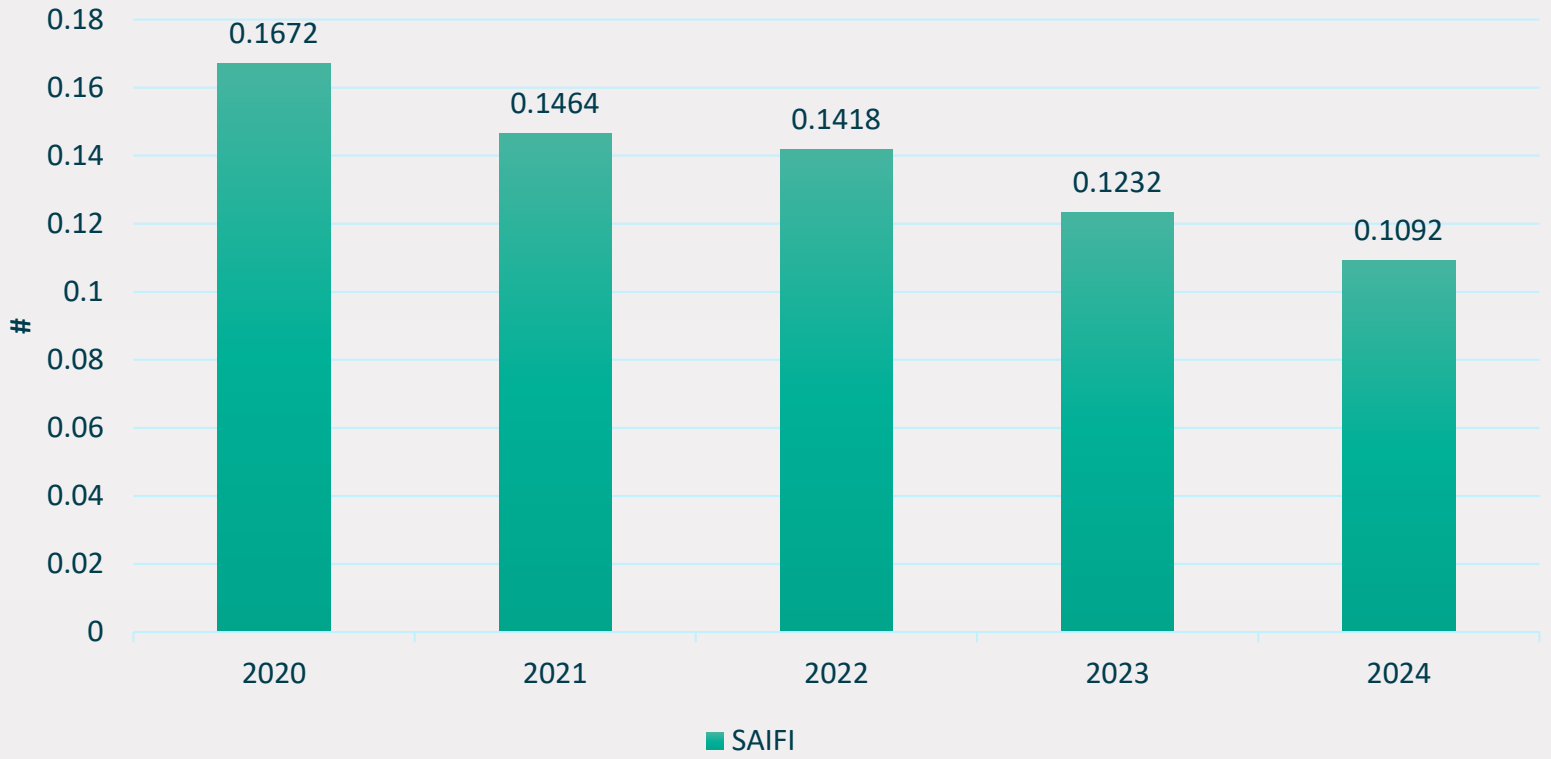
System Average Interruption Duration Index (SAIDI)



	Year 2020	Year 2021	Year 2022	Year 2023	Year 2024
SAIDI #	11.67	9.73	9.38	9.03	7.62

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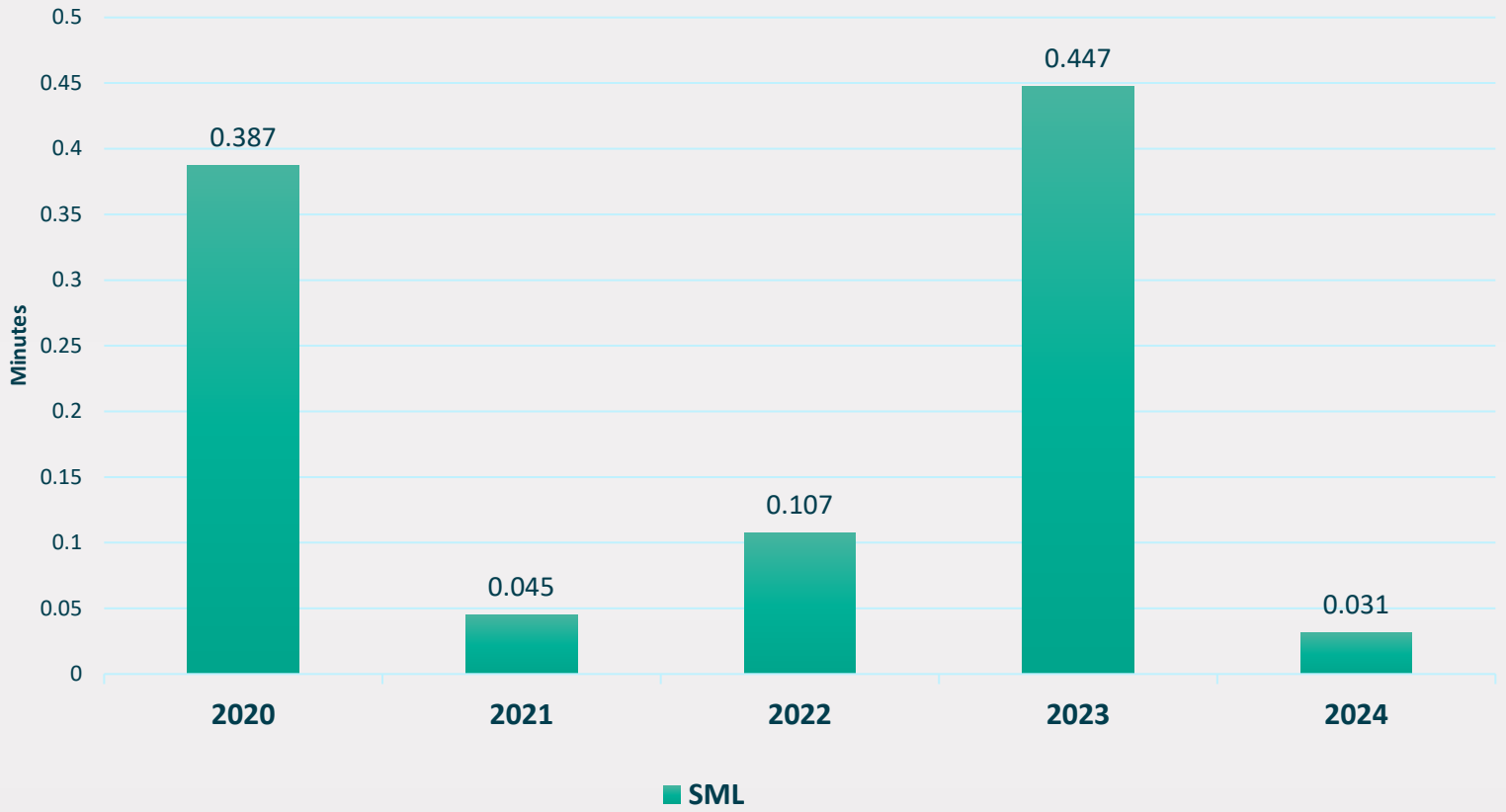
System Average Interruption Frequency Index (SAIFI)



	Year 2020	Year 2021	Year 2022	Year 2023	Year 2024
SAIFI #	0.1672	0.1464	0.1418	0.1232	0.1092

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Transmission System Minutes Lost (SML)



	Year 2020	Year 2021	Year 2022	Year 2023	Year 2024
SML (minutes)	0.387	0.0451	0.1074	0.4473	0.0311

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INTRODUCTION - WATER



This section of the report comprises key Water Statistics related to reliability and quality of supply to the customers. Key indicators picked for this purpose are followings:

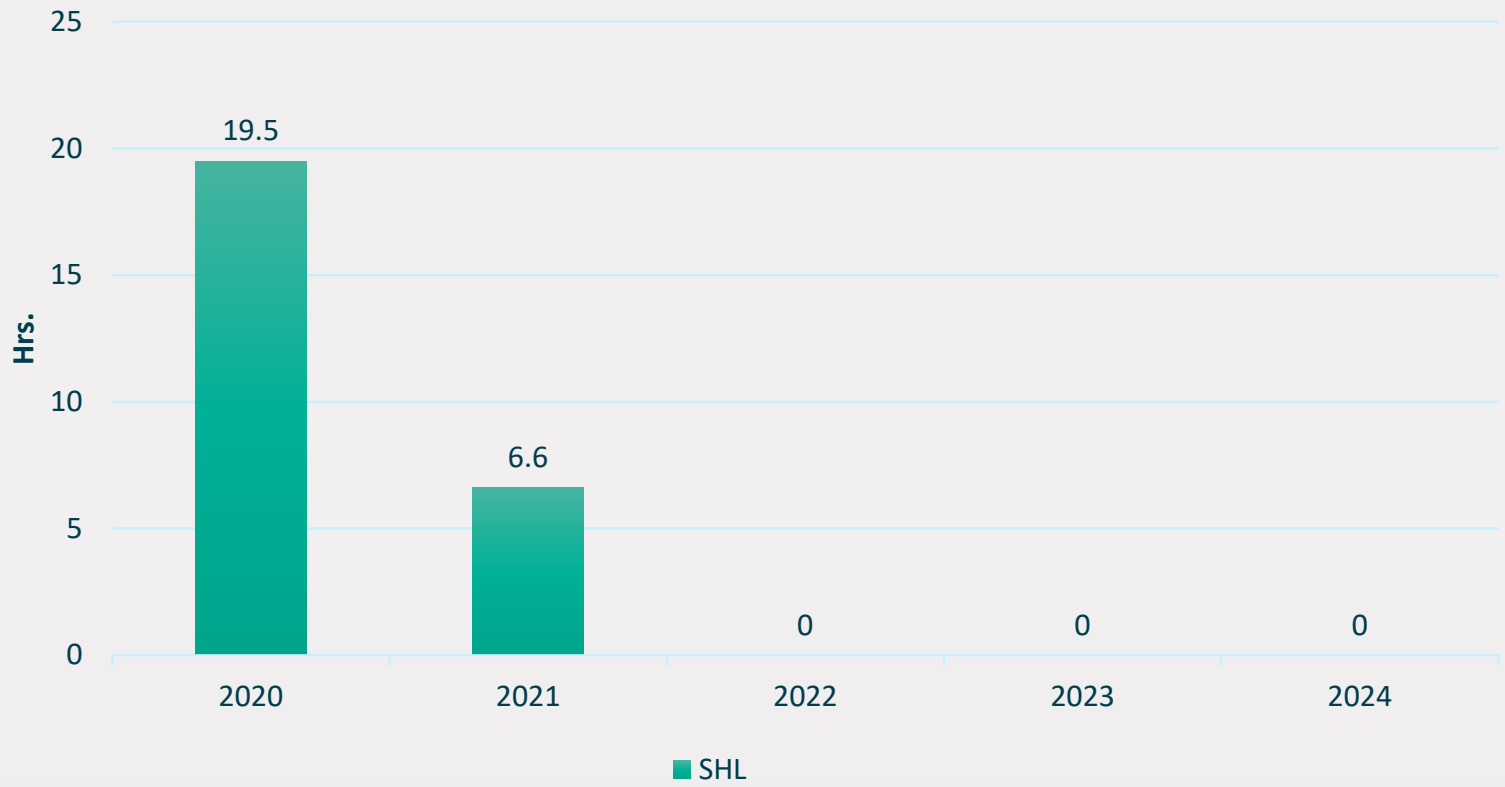
- ❑ System Hours Lost (SHL)
- ❑ Water Strategic Storage
- ❑ Overall Water Quality

The following sections pertains to details include the actual data for the above indicators for the years 2020 up to 2024.



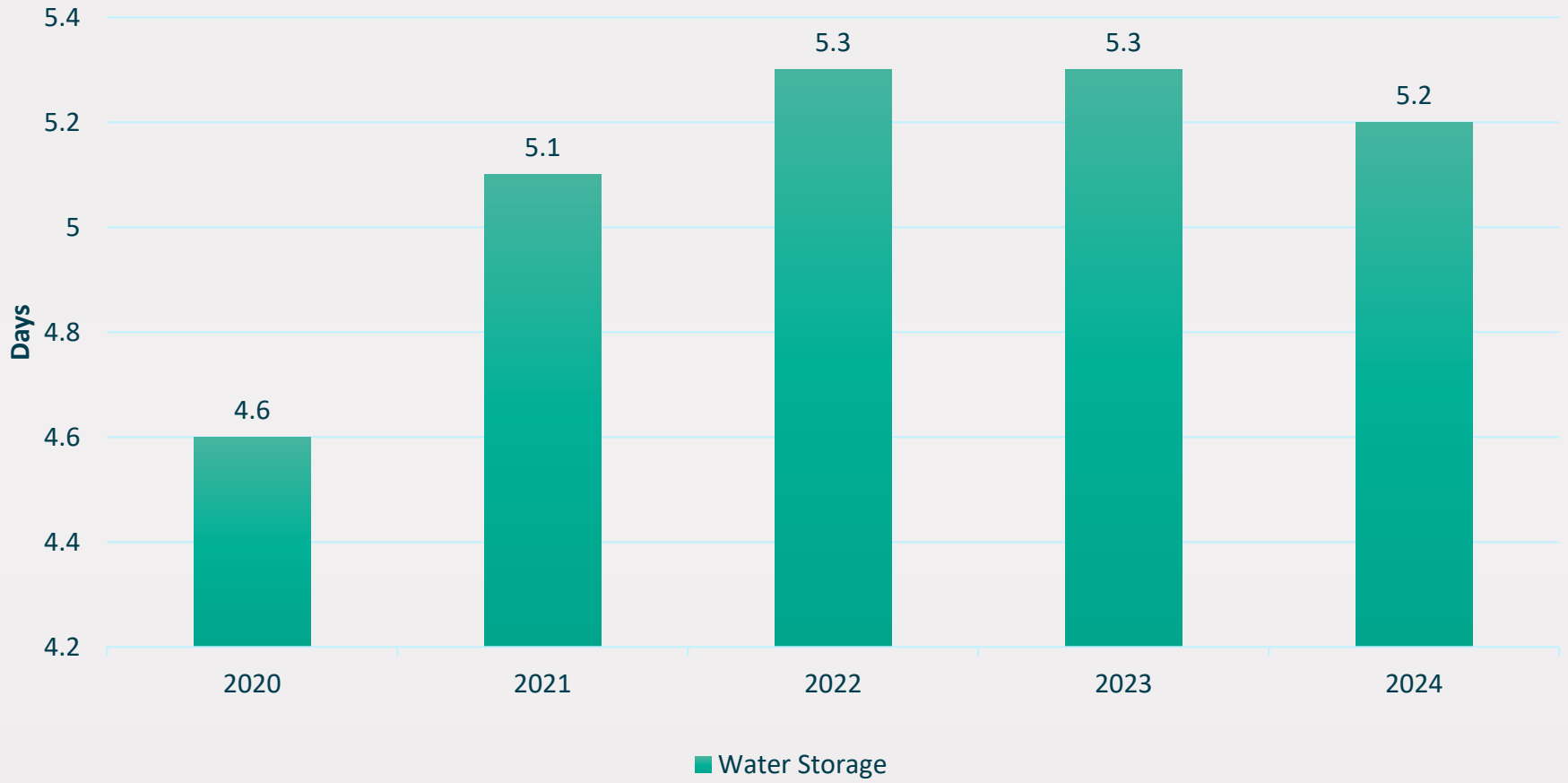
Water - Quality of Supply
Key Performance Indicators

System Hours Lost (SHL)



	Year 2020	Year 2021	Year 2022	Year 2023	Year 2024
SHL (Hrs.)	19.5	6.6	0	0	0

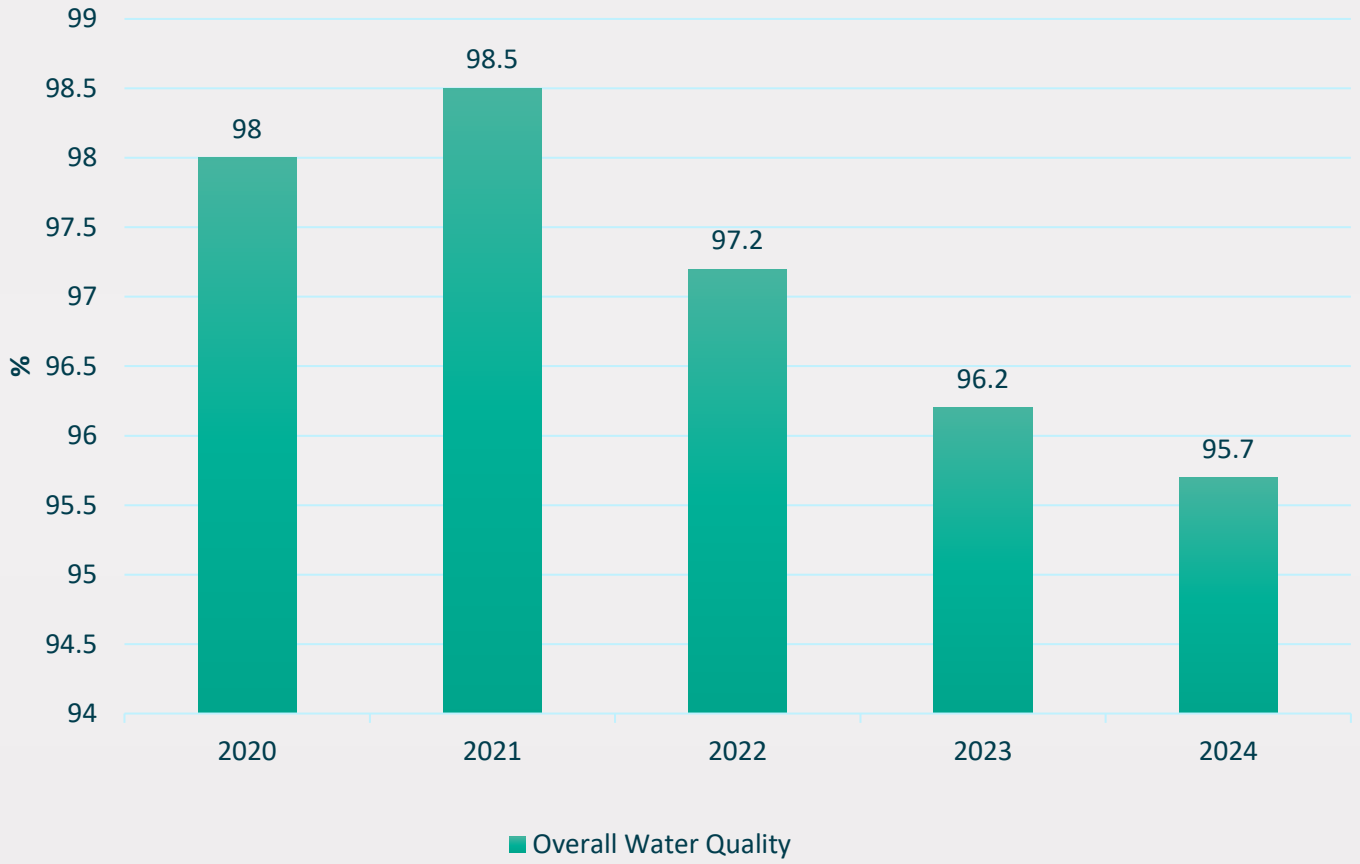
Water Strategic Storage



	Year 2020	Year 2021	Year 2022	Year 2023	Year 2024
Water Storage (Days)	4.6	5.1	5.3	5.3	5.2

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Overall Water Quality



	Year 2020	Year 2021	Year 2022	Year 2023	Year 2024
Water Quality %	98	98.5	97.2	96.2	95.7

The End