



Subcommittee on Long-Term Regional Planning
and Business Modeling

CAMP4W Task Force – Time-Bound Targets Refinement

Item 3c
July 24, 2024

Climate Decision- Making Framework

*Time-Bound Targets
Defined*

*Time-Bound Targets are policy and resource management goals to **guide project and program development** and **inform the scoring/evaluation of proposed investments.***

*Time-Bound Targets will be reference points in **measuring progress towards climate adaptation** and the **CAMP4W objectives.***

Climate Adaptation Master Plan for Water

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Time-Bound Targets in CAMP4W Year One Report



 Resource-Based Targets Numbers reflect additional supplies unless indicated otherwise	CATEGORY	NEAR TERM	MID TERM	LONG TERM
	Core Supply ¹	N/A	Identify 300 TAF for potential implementation by 2035. Alternatively, 250 TAF of new storage will reduce core supply need to 200 TAF	Identify 650 TAF for potential implementation by 2045. Alternatively, 250 TAF of new storage will reduce core supply need to 550 TAF or, 500 TAF of new storage will reduce core supply need to 500 TAF
	Storage	Identify up to 500 TAF for potential implementation by 2035		
	Flex Supply (Dry Year Equivalent)	Acquire capability for up to 100 TAFY		

 Policy-Based Targets	CATEGORY	NEAR TERM	MID TERM	LONG TERM
	Equitable Supply Reliability	Add 160 CFS capacity to the SWPDA by 2026	Implement additional 130 CFS capacity to SWPDA by 2032	Implement capacity, conveyance, supply, and programs for SWPDA by 2045
	Local Agency Supply ²	Maintain 2.09 to 2.32 MAF (under average year conditions)	2.12 to 2.37 MAF (under average year conditions)	2.14 to 2.40 MAF (under average year conditions)
	Demand Management ³	Implement structural conservation programs to achieve 300 TAF by 2045		
	Regional Water Use Efficiency	Assist Retail Agencies to achieve, or exceed, compliance with SWRCB Water Use Efficiency Standards ⁴		
		GPCD target for 2030 ⁵	GPCD target for 2035	GPCD target for 2045
	Greenhouse Gas Reduction	N/A	40% below 1990 emission levels by 2030	Carbon Neutral by 2045
	Surplus Water Management	Develop capability to manage up to 500 TAFY of additional wet year surplus above Metropolitan's Storage Portfolio and WSDM action		

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*Time-Bound Targets in
CAMP4W Year One Report*



Additional Time-Bound Targets will be considered throughout 2024 and will include categories such as the following:

Community Equity: Focus on investing in underserved communities, affordability measures and providing meaningful community engagement.

Water Quality: Ensuring research, innovation, and progress in addressing emerging contaminants of concern and new regulatory requirements.

Imported Water Source Resilience: Investment in protecting source watersheds and existing infrastructure to reduce risks presented by accelerated climate change.

New Local Supply: Targets around local and Member Agency supply and/or program development.

Infrastructure Resilience: Investments necessary to meet growing climate-driven vulnerabilities during and after disruptions.

Ecosystem Health: Measurable improvements to natural systems that provide value, resilience and regulatory benefits to water supplies.

Draft Time-Bound Targets for three additional categories are presented for discussion today.

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New Local Supply: Targets around local and Member Agency supply and/or program development.

Infrastructure Resilience: Investments necessary to meet growing climate-driven vulnerabilities during and after disruptions.

Ecosystem Health: Measurable improvements to natural systems that provide value, resilience and regulatory benefits to water supplies.

Three other potential targets require further development and future discussion.

New Local Supply

Targets around local and Member Agency supply and/or program development.

 Policy-Based Targets	CATEGORY	NEAR TERM	MID TERM	LONG TERM
	Equitable Supply Reliability	Add 160 CFS capacity to the SWPDA by 2026	Implement additional 130 CFS capacity to SWPDA by 2032	Implement capacity, conveyance, supply, and programs for SWPDA by 2045
	Local Agency Supply ²	Maintain 2.09 to 2.32 MAF (under average year conditions)	2.12 to 2.37 MAF (under average year conditions)	2.14 to 2.40 MAF (under average year conditions)
	Demand Management ³	Implement structural conservation programs to achieve 300 TAF by 2045		
	Regional Water Use Efficiency	Assist Retail Agencies to achieve, or exceed, compliance with SWRCB Water Use Efficiency Standards ⁴		
		GPCD target for 2030 ⁵	GPCD target for 2035	GPCD target for 2045
	Greenhouse Gas Reduction	N/A	40% below 1990 emission levels by 2030	Carbon Neutral by 2045
	Surplus Water Management	Develop capability to manage up to 500 TAFY of additional wet year surplus above Metropolitan's Storage Portfolio and WSDM action		

Local Agency Supply

- Maintain Existing Levels of Local Agency Supply
- Create Additional Local Agency Supply

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*Time-Bound Targets:
Community Equity*



Community Equity

Focus on investing in underserved communities, affordability measures and providing meaningful community engagement to address the impacts of climate change.

NEAR TERM	MID TERM	LONG TERM
Develop and promote water conservation programs, rebates, and incentives for low-income and disadvantaged communities (DAC), to increase program participation and regional water conservation.		
Work with legislative sponsors for continuous state and federal funding for low-income rate assistance programs (LIRA).	Develop equity metrics and conduct community equity analyses on Metropolitan infrastructure investments, operations, and programs.	
	Develop a Water Affordability & Environmental Justice Policy to inform community investment associated with Metropolitan projects and programs.	

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*Time-Bound Targets:
Community Equity*



Community Equity

Focus on investing in underserved communities, affordability measures, and providing meaningful impact

NEAR TERM	MID TERM
Develop and promote water conservation, low-income and disadvantaged participation and regional water	
Work with legislative sponsors for continuous state and federal funding for low-income rate assistance programs (LIRA).	Develop analysis and operational
	Develop Policy to inform community investment associated with Metropolitan projects and programs.

- Tracking community equity supports program evaluation, performance improvements, and state and federal grant opportunities.
- Supporting retail customer affordability ensures financial sustainability for all water agencies to make necessary water project and program investments.
- Measuring equity will help us improve access to public water systems, and broaden public support for our water investments.

Water Quality

Ensuring research, innovation, and progress in addressing emerging contaminants of concern and new regulatory requirements.

NEAR TERM	MID TERM	LONG TERM
<p>Develop research, mitigation, response plans and management tools to address highest priority climate-induced water quality impacts such as:</p> <ul style="list-style-type: none">• Increased Salinity• Elevated Turbidity and Pollutant Concentrations• Increased Nutrient Pollution• More Frequent Reservoir Anoxia• Increased Chlorine Demand and Microbial Activity		
<p>Update nitrification action plan and response indicators by end of 2025</p>	<p>Implement new tools and infrastructure modifications to minimize climate impacts on water quality</p>	

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*Time-Bound Targets: Water
Quality*



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*Time-Bound Targets:
Imported Water Source
Resilience*

Imported Water Source Resilience

Investment in protecting source watersheds and existing infrastructure to reduce risks presented by accelerated climate change.

NEAR TERM	MID TERM	LONG TERM
Participate in pilot projects to assess watershed resilience strategies and their benefits to protecting water supply	Develop and implement a program for supporting the protection of source watersheds from climate change-driven risks to water supply.	



