

Provisional Method 4 for Determining Urban Water Use Targets

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Target Methods

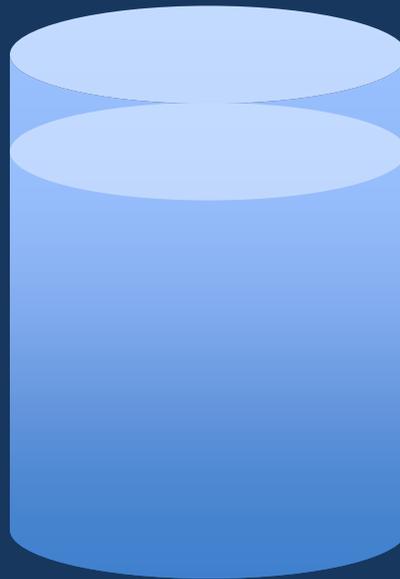
- **SBx7-7**
 - **Defined 3 target methods**
 - **Directed DWR to develop a 4th method**

Method 1

20% reduction from base daily per capita water use

180 gpd

144 gpd



Method 2

Efficiency standards for



Indoor
residential

+



Commercial,
Industrial and
Institutional

+

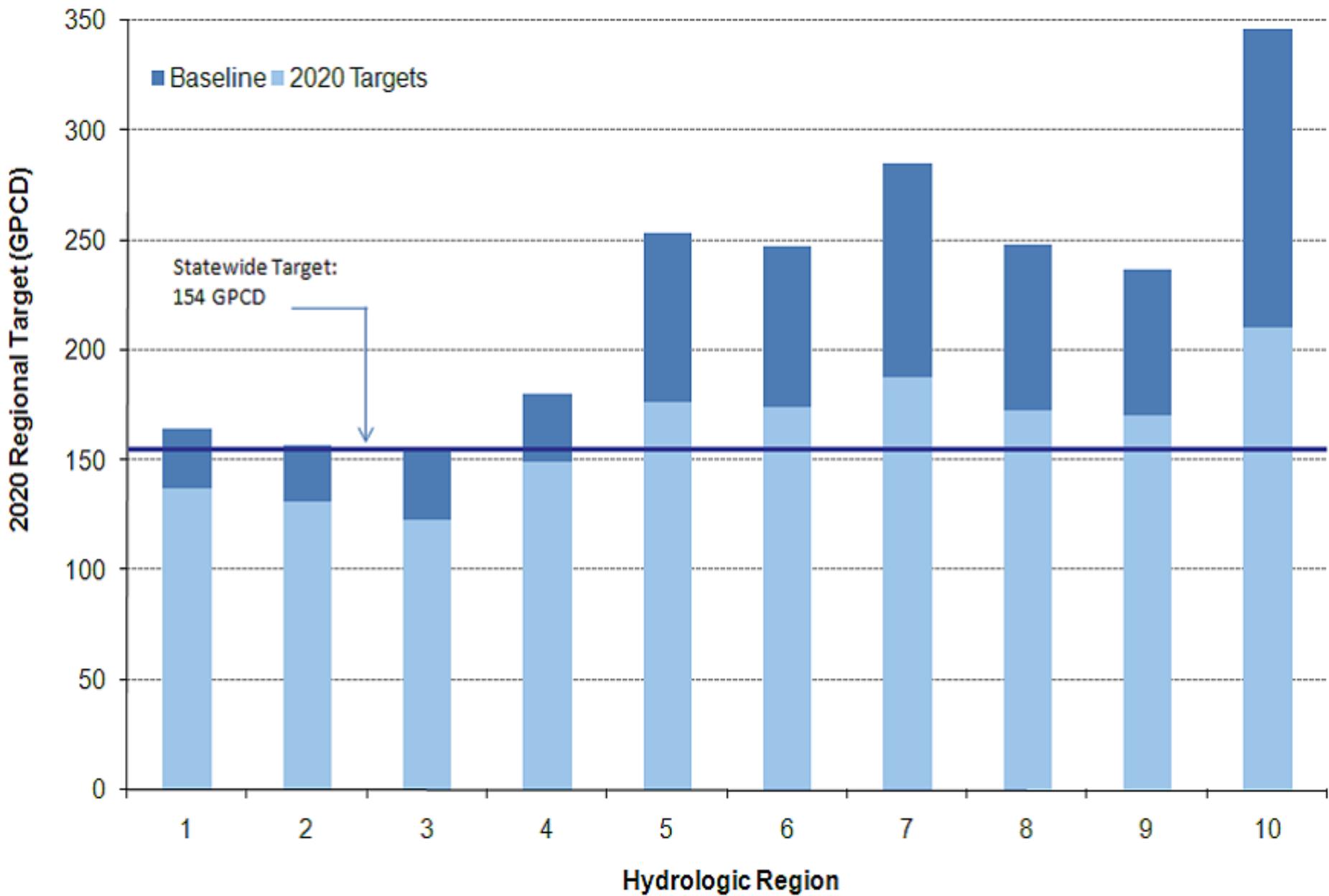


Efficient
landscape

Method 3

95% of 20x2020 Water Conservation Plan
Hydrologic Region Target





Method 4 Development

Legislative Criteria

- 1. Average statewide savings = 20% reduction**
- 2. Consider :**
 - Climatic differences**
 - Population density differences**
 - Plant water requirements**
 - Different levels of commercial, industrial and institutional water use**
- 3. Avoid placing undue hardship on agencies that have implemented water conservation measures**
- 4. Provide flexibility in meeting targets**

Stakeholder and Public Process

- **10 meetings of the urban stakeholder committee and 5 subcommittee meetings**
- **2 public listening sessions and 2 public workshops**
- **Analyzed 5 different options**
- **Selected method is a combination of 2 proposed methods**
- **Stakeholder support**

Provisional Method 4

- **Legislation directs DWR to revise the method in 2014**
- **Method titled “Provisional” as DWR fully expects to make improvements based on new data and information**

Method 4

The basic equation



Calculation of Total Savings



Example: An Inland Community

Baseline: 228 gpcd

Indoor residential	16
Metering savings	8
CII Savings	7
<u>Landscape and water loss</u>	<u>19</u>
Total Savings	51 gpcd

Target 228 - 51 = 177 gpcd 22% reduction

Legislative Criteria

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2014 Improvements and Revisions

- **stakeholder involvement**
- **52 random sample agencies**
- **Separation of water loss and landscape water use**
- **Landscape water use savings based on efficiency**
- **Provide more credit for past conservation and efficiency**