

Review of Storage Management

Water Planning and Stewardship Committee

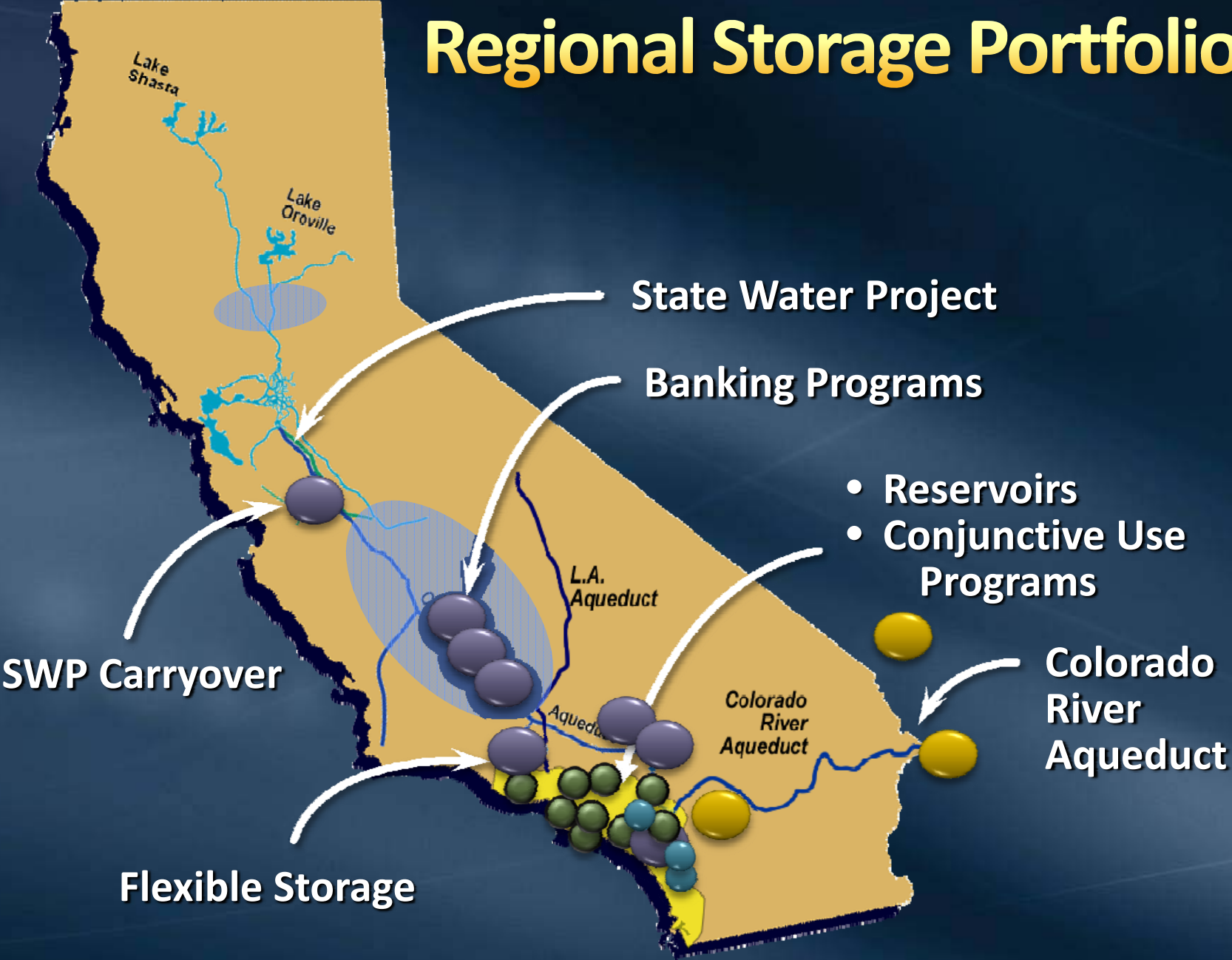
June 7, 2010

Item 9-1

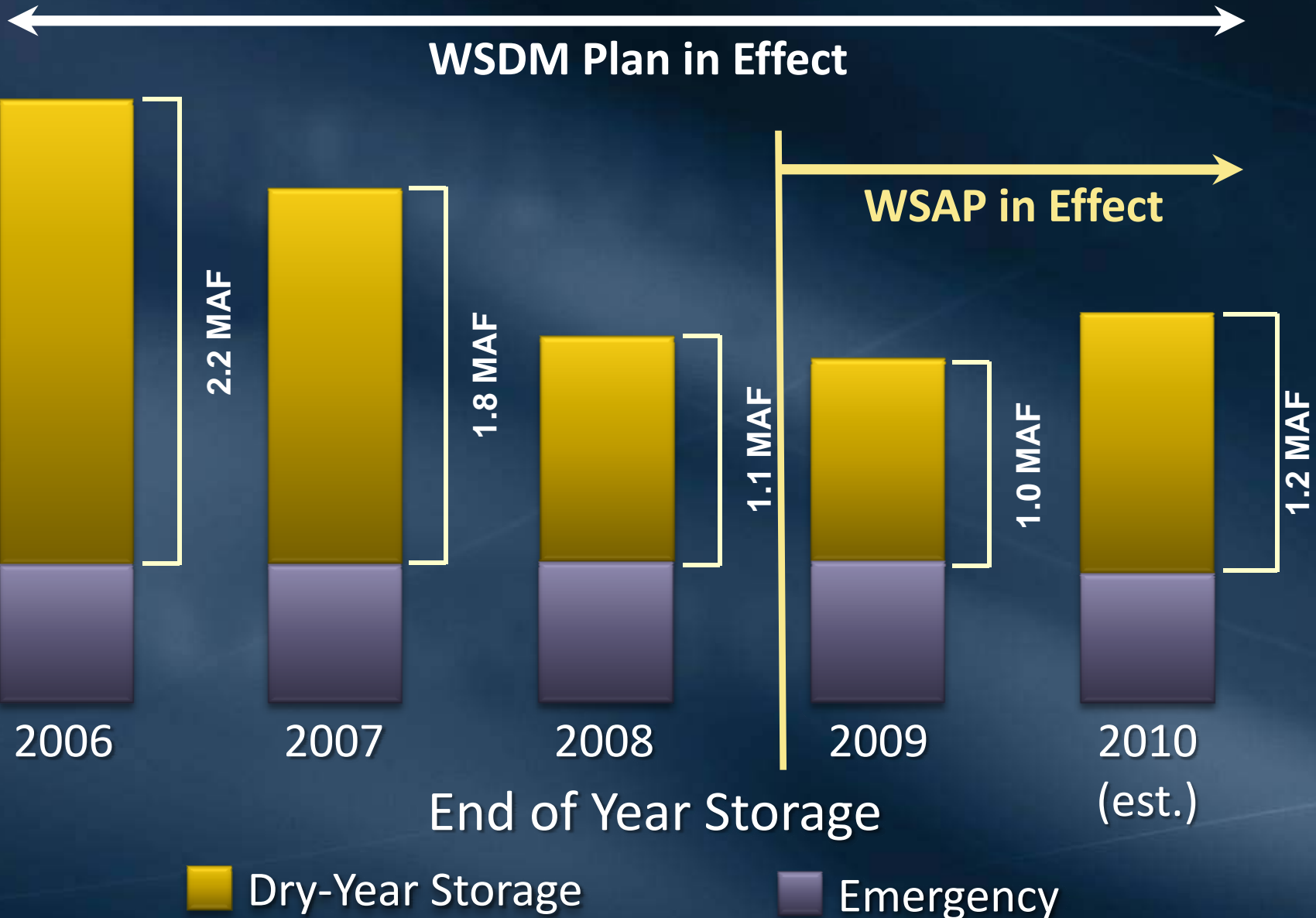
Storage Strategy Implementation

- Operating principles were developed to implement a storage management strategy in accordance with the following policies:
 - Water Surplus and Drought Management (WSDM) Plan
 - Water Supply Allocation Plan
- Operating principles incorporate:
 - System flexibility and reliability goals
 - Management of diverse storage facilities and programs

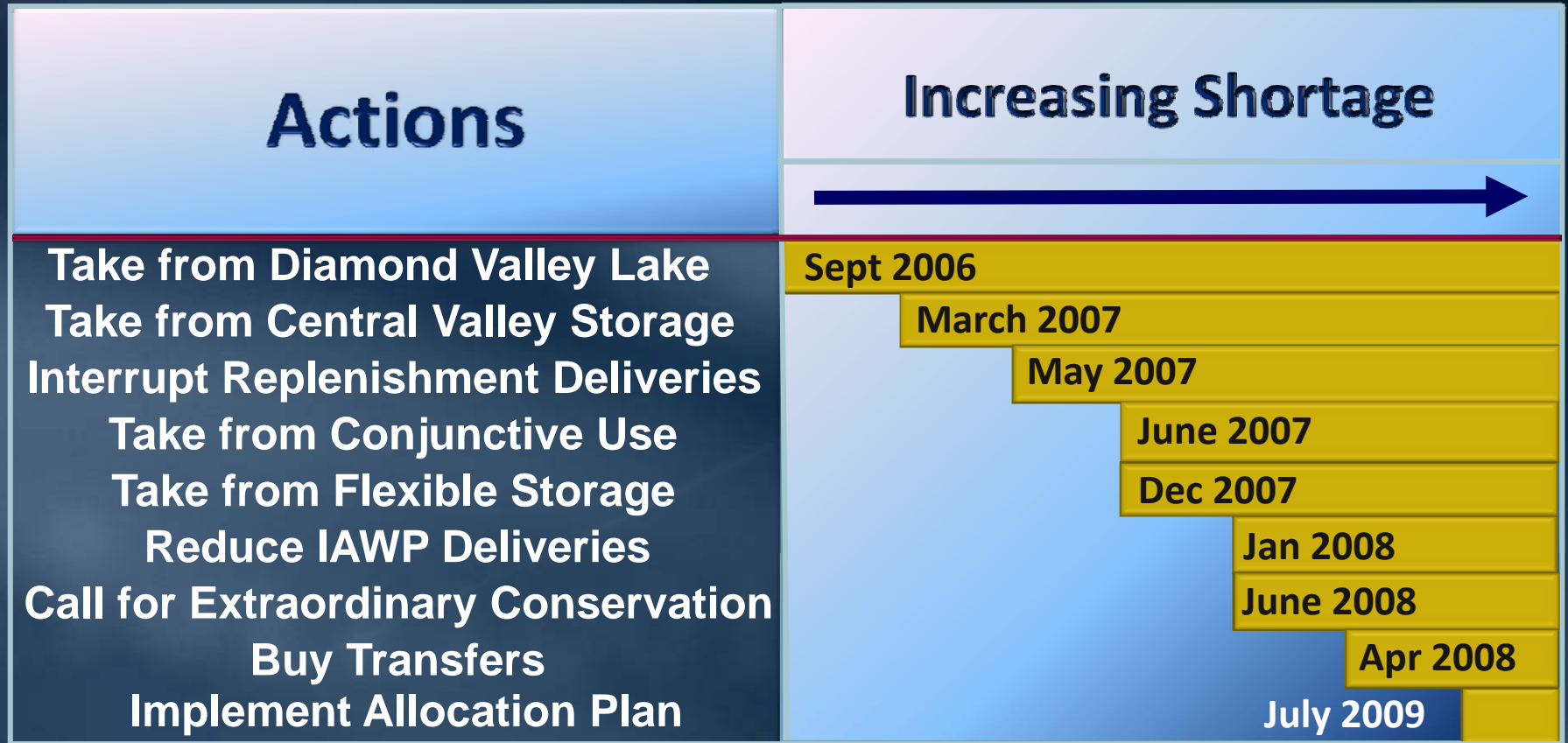
Regional Storage Portfolio



Storage Management



WSDM Shortage Implementation



 Potential Simultaneous Actions

Operating Principles

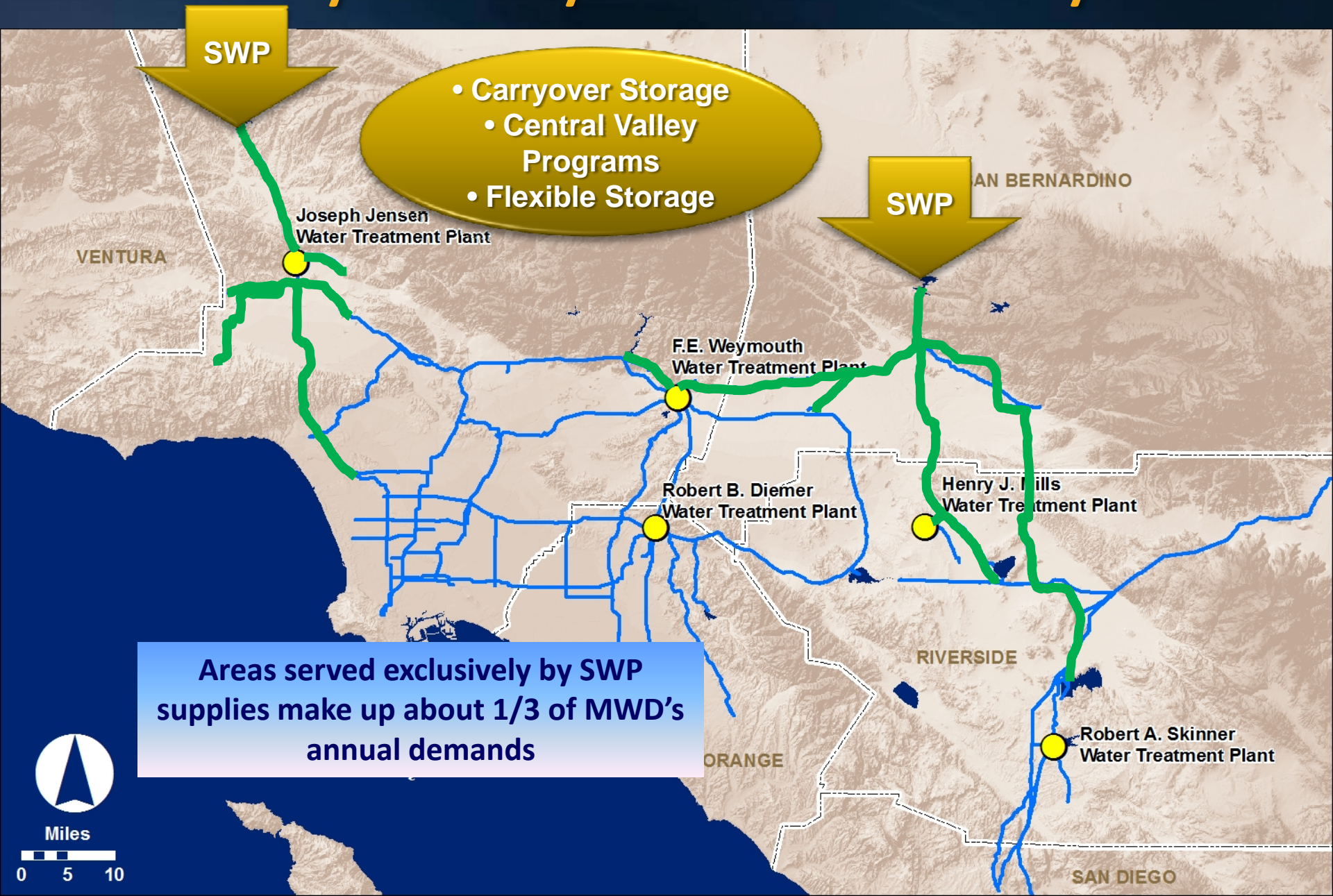
Six Operating Principles Guide Storage Strategy

- Operational Flexibility
 - Maintain the flexibility to manage storage within the total storage portfolio, not individual accounts
- System Reliability
 - Manage storage to meet demands in entire service area, including exclusive areas

Flexibility and System Reliability



Flexibility and System Reliability



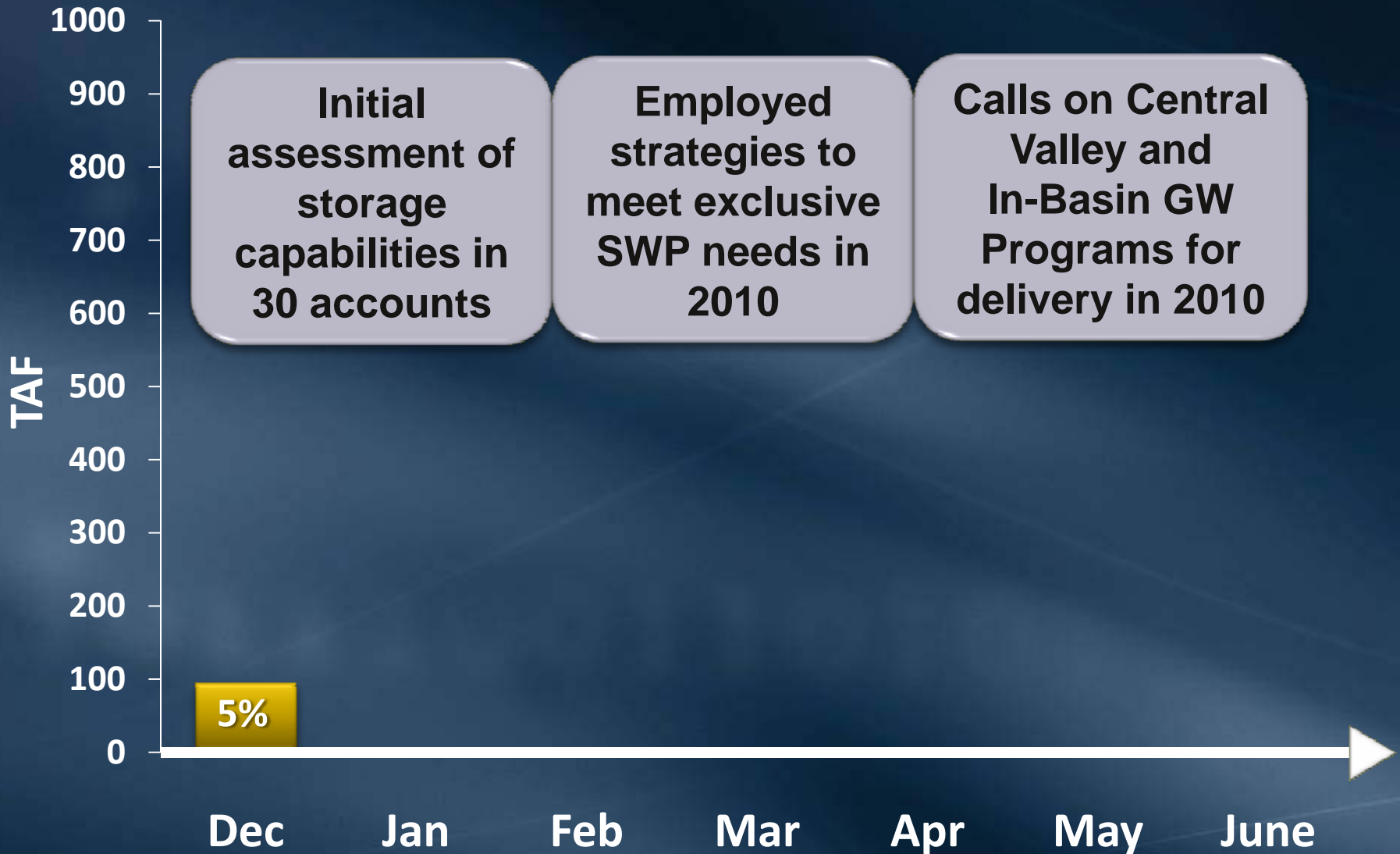
Operating Principles

- Invasive Species Management
 - Regional storage managed to minimize risk of invasive species infestation
- Water Quality
 - Consider salinity goals when blending imported supplies and storage program supplies

Operating Principles

- Emergency Storage
 - Reserve emergency storage to meet demands during catastrophic events
- Minimize Extreme and Volatile Supply Allocations
 - Manage regional storage to avoid or reduce the frequency of severe water supply allocations and avoid large supply allocation increases from year-to-year, to the extent practicable

2010 Storage Management Process



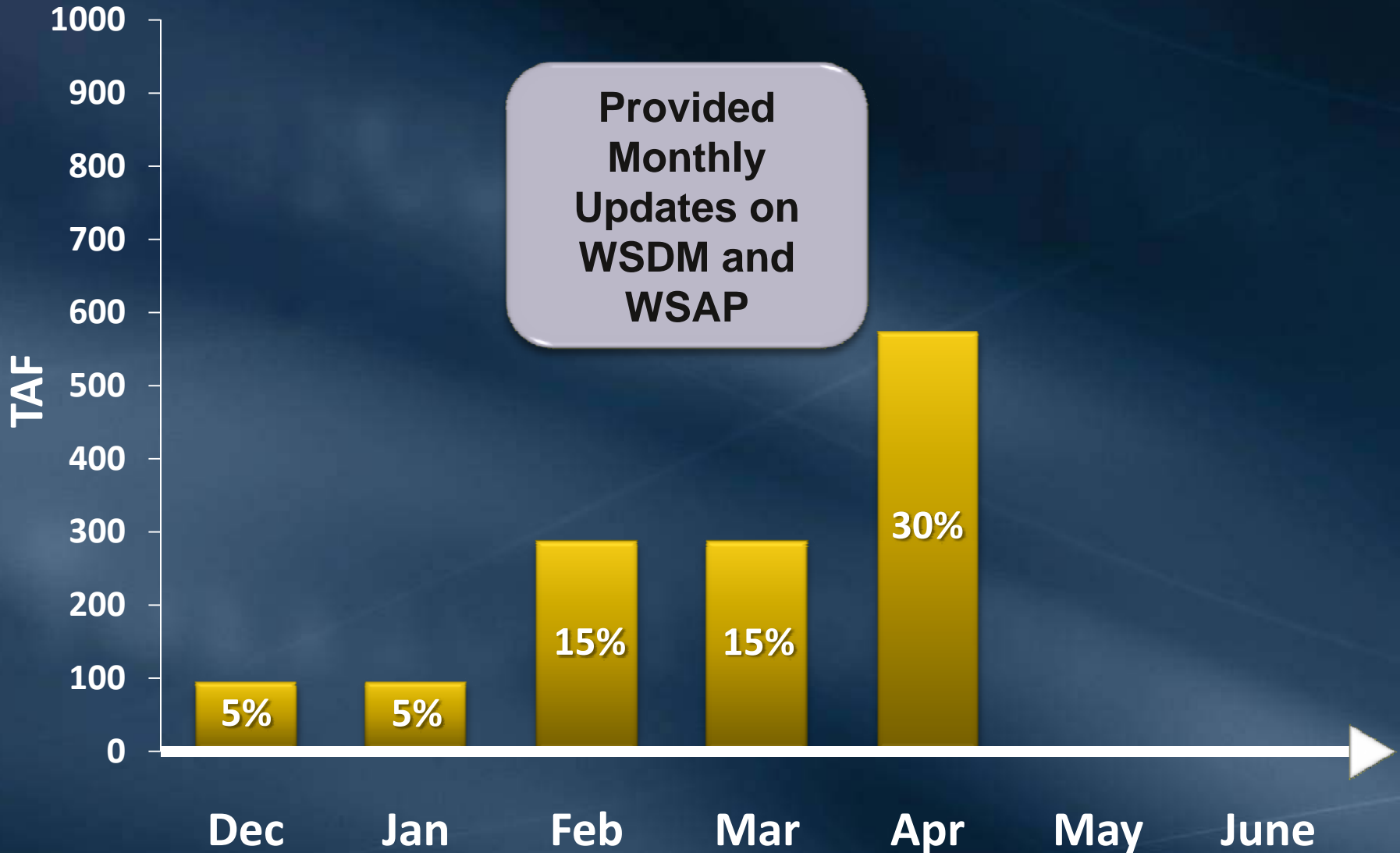
2010 Storage Management Process



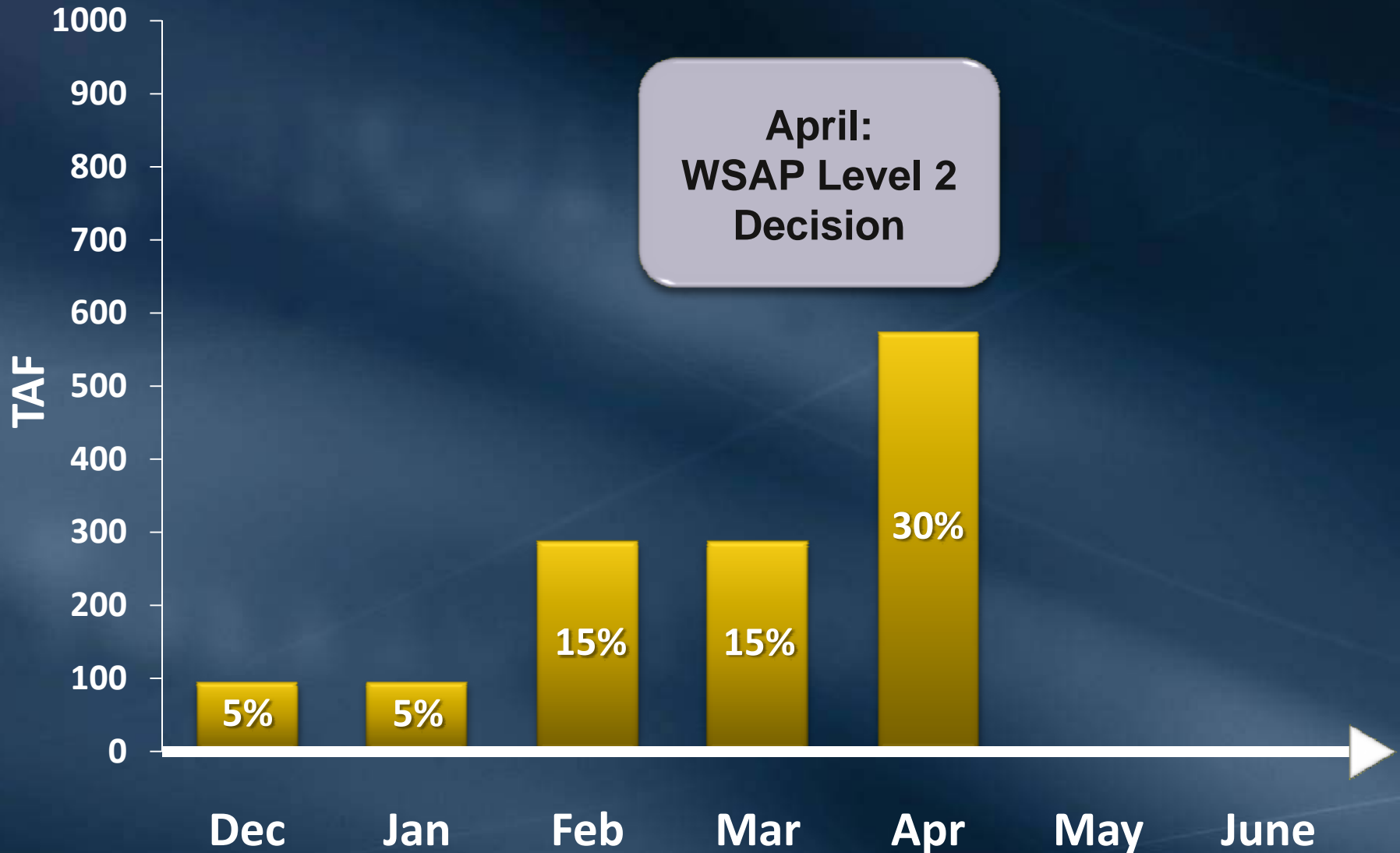
2010 Storage Management Process



2010 Storage Management Process



2010 Storage Management Process



2010 Storage Management Process



