

Regional Engagement Committee Meeting

December 12, 2024

Agenda

- » Updates and announcements
- » Scenario Development sub-team update
- » REC Engagement, Post Scenario Development
- » Timeline review/recap
- » Public comment

Updates Since 11/22 Public Webinar

- » Webinar reported solid progress and engagement on scenario development.
- » We continue to seek tribal engagement representatives, as well as utility interest from the desert and mountain regions.

Scenario Development: Sub-team Update

Focus of Scenario Planning Effort

- » The scenario planning sub-team has been tasked with facilitating the development of **two planning scenarios** in the 20-year horizon
 - » These futures represent alternatives to the “reference” scenario
 - » Scenarios should consider variations in things like technology advancement, load growth, policy changes, market dynamics, etc.
 - » Scenarios should reflect a comprehensive understanding of regional priorities, potential future developments, and capture various viewpoints
 - » Scenario results will be used to assess transmission needs across a range of plausible future outcomes



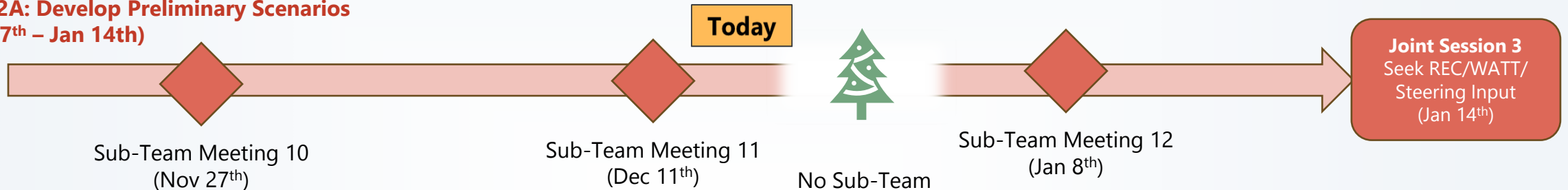
Scenario Planning Update

- » **Sub-team has completed development of drivers**
- » **Sub-team is beginning the development of scenarios**
 - » Sub-team members have each been asked to develop 2-3 scenario ideas over the holidays
 - » Brainstorming templates/aids were provided to the sub-team
 - » Sub-team will develop & refine scenarios through March 2025
 - » There will be more opportunities for input and feedback

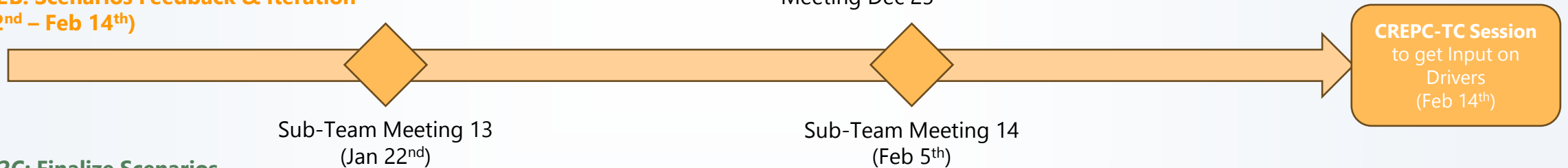


Scenario Planning Roadmap

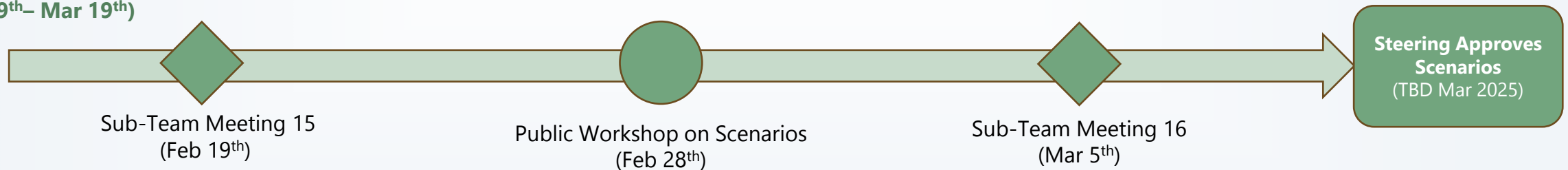
Phase 2A: Develop Preliminary Scenarios (Nov 27th – Jan 14th)



Phase 2B: Scenarios Feedback & Iteration (Jan 22nd – Feb 14th)



Phase 2C: Finalize Scenarios (Feb 19th – Mar 19th)



Scenario Brainstorming

» Scenario templates provided to sub-team on 12/9

- » **Sub-team ask:** Please develop scenario narratives for 2-3 scenarios and upload them to the WestTEC Sharepoint (Scenario Templates (Completed) folder [by Monday, January 6th](#)

» Sources for scenario ideas:

- » Previous sub-team meeting materials
- » Survey results
- » CREPC-TC feedback questions
- » Concerns/interests from REC/WATT/public



Which factors do you believe are likely to have the most influence on load growth in the next 20 years?

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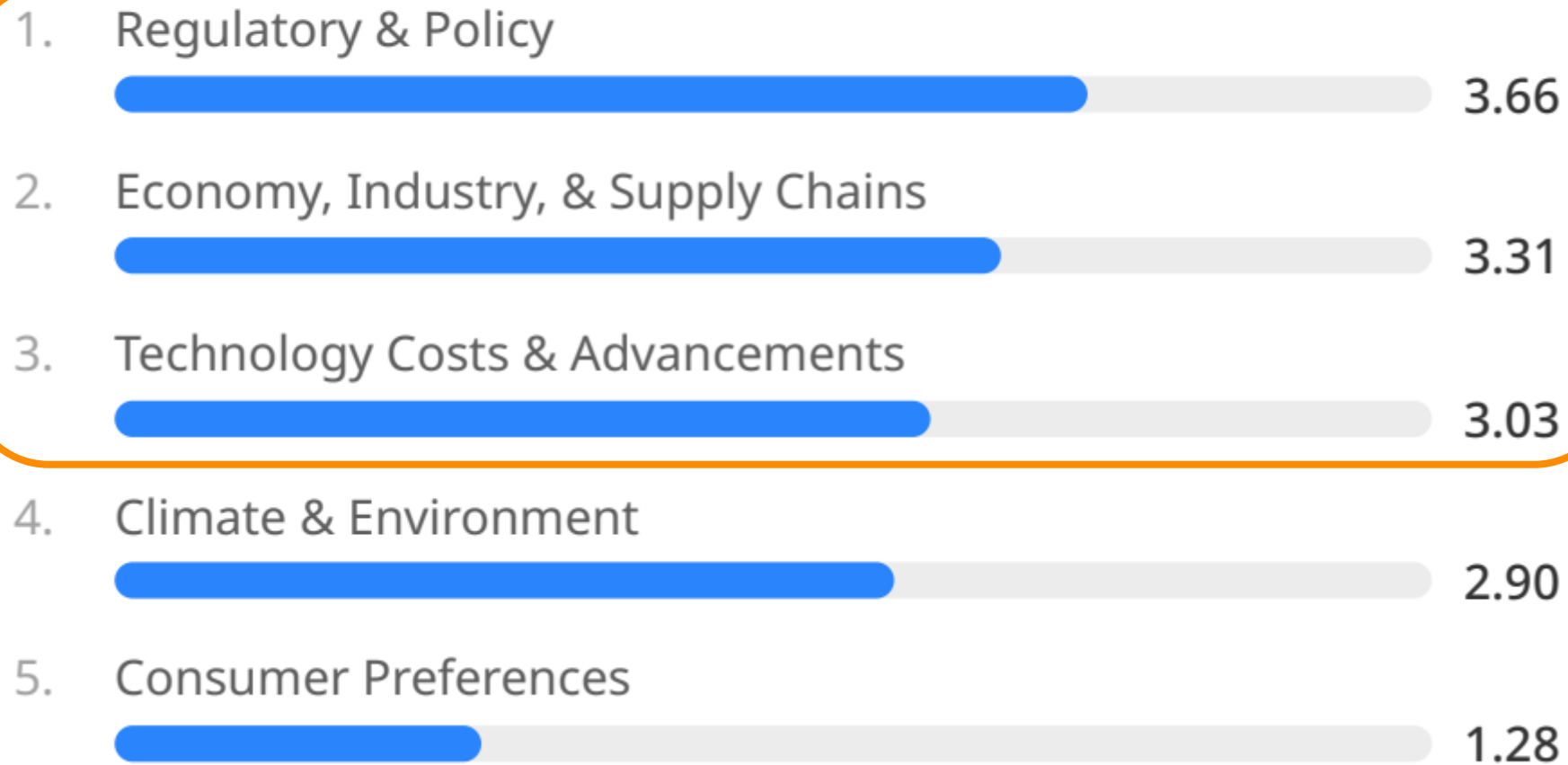
Which factors do you believe are likely to have the most influence on resources in the next 20 years?

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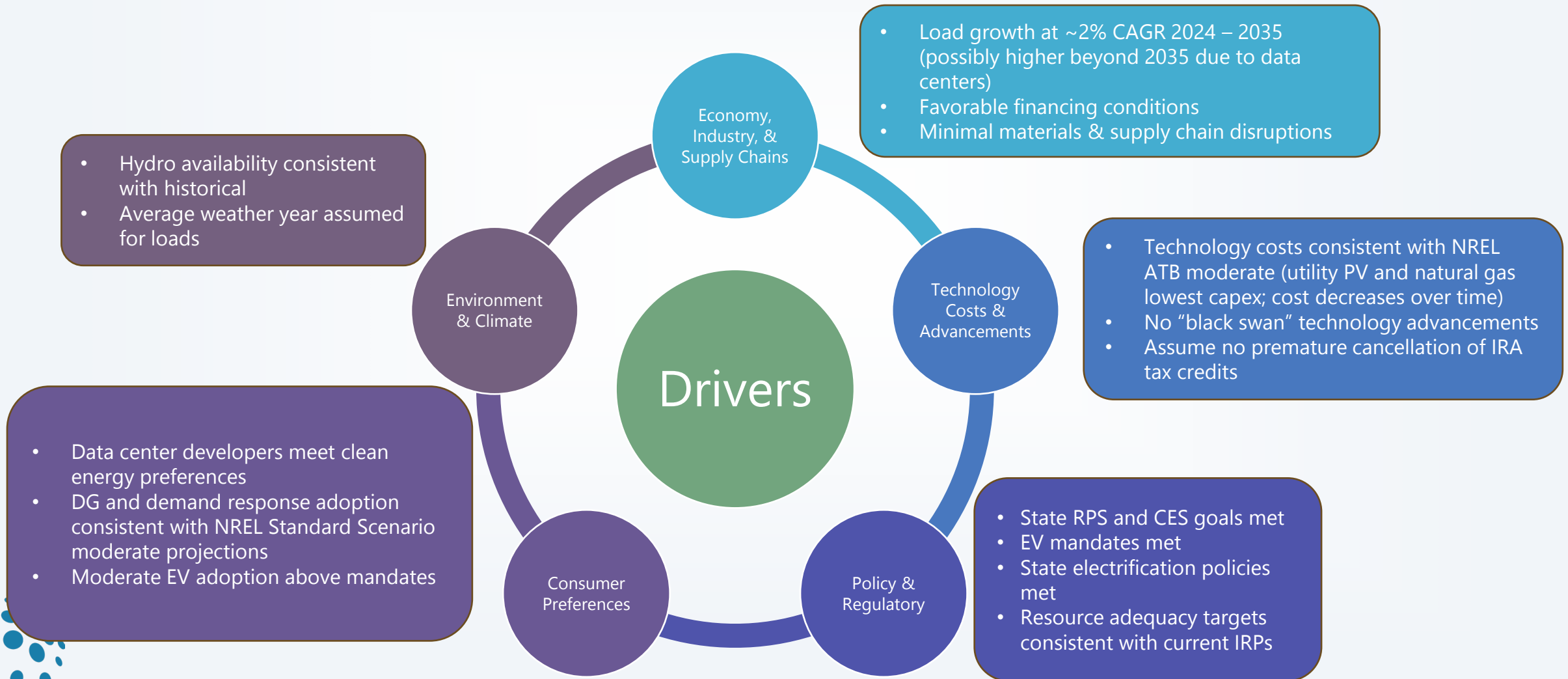


How would you rank the relative importance of each of these drivers?

0 2 9



Reference Case Scenario Narrative



Alternative Scenario Plots



Winners & Losers

- Zero-sum-game
- Sides compromise in a balance of power



Challenge & Response

- New Problems Arise
- Learn to Adapt; Come Out Different



Evolution

- Slow Change in One Direction
- Competitive Dynamics



Source: Schwartz, P., 1997. *Art of the long view: planning for the future in an uncertain world*. John Wiley & Sons.

Templates for Scenario Development

Scenario Overview: <Scenario 1>

Use this template to think through the most important points of your scenario. Include a short scenario name and photo that represents the essence of your scenario.

» Scenario Name: <Scenario Name>

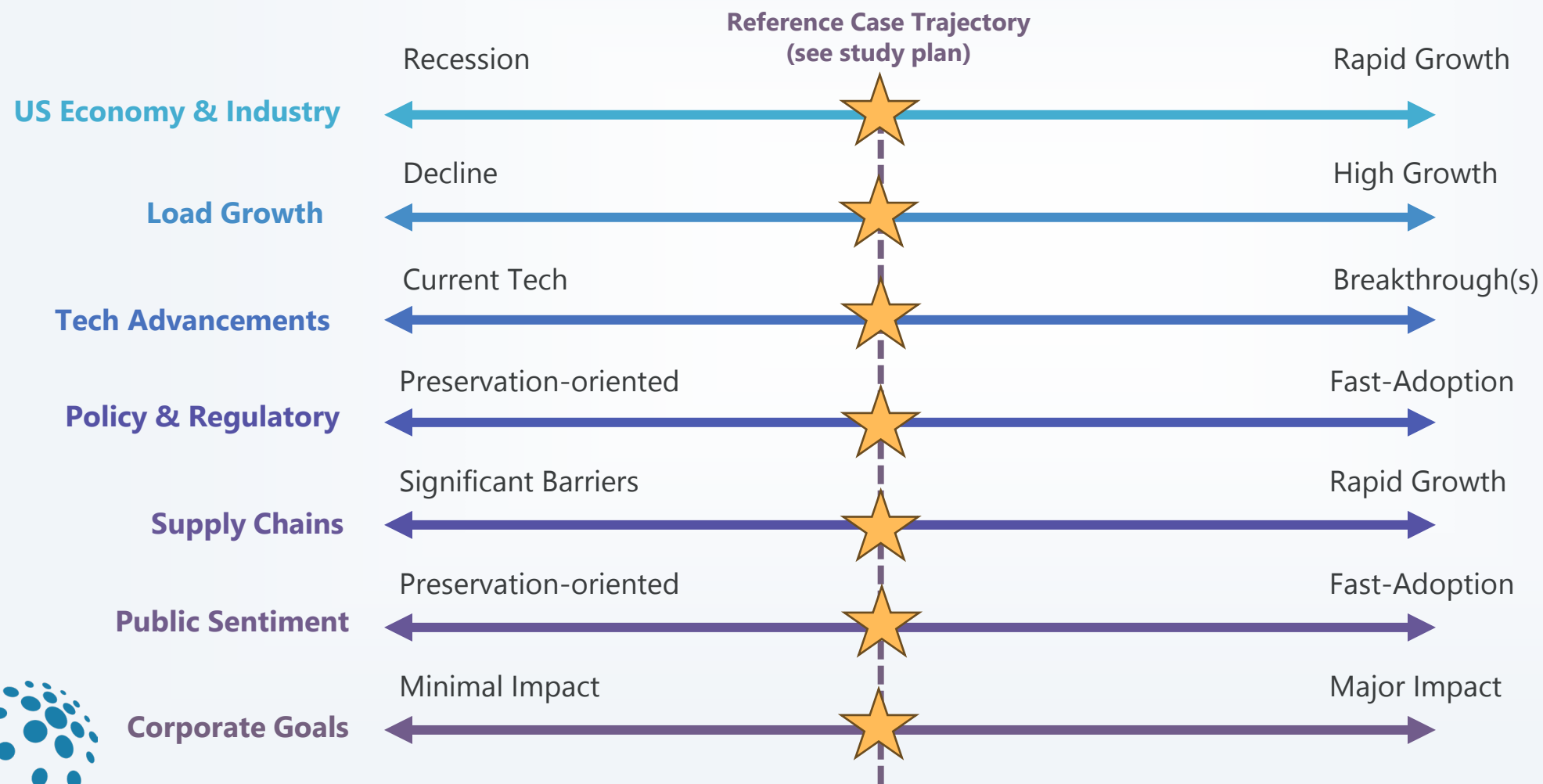
- » Scenario Narrative Point 1
- » Scenario Narrative Point 2
- » Scenario Narrative Point 3

Insert an image that visually represents your scenario



Range of Outcomes: <Scenario 1>

Use this template to show ranges of outcomes, relative to the reference case, for scenario drivers specific to your scenario. Please change axis names or high/low labels and drag/drop stars accordingly.



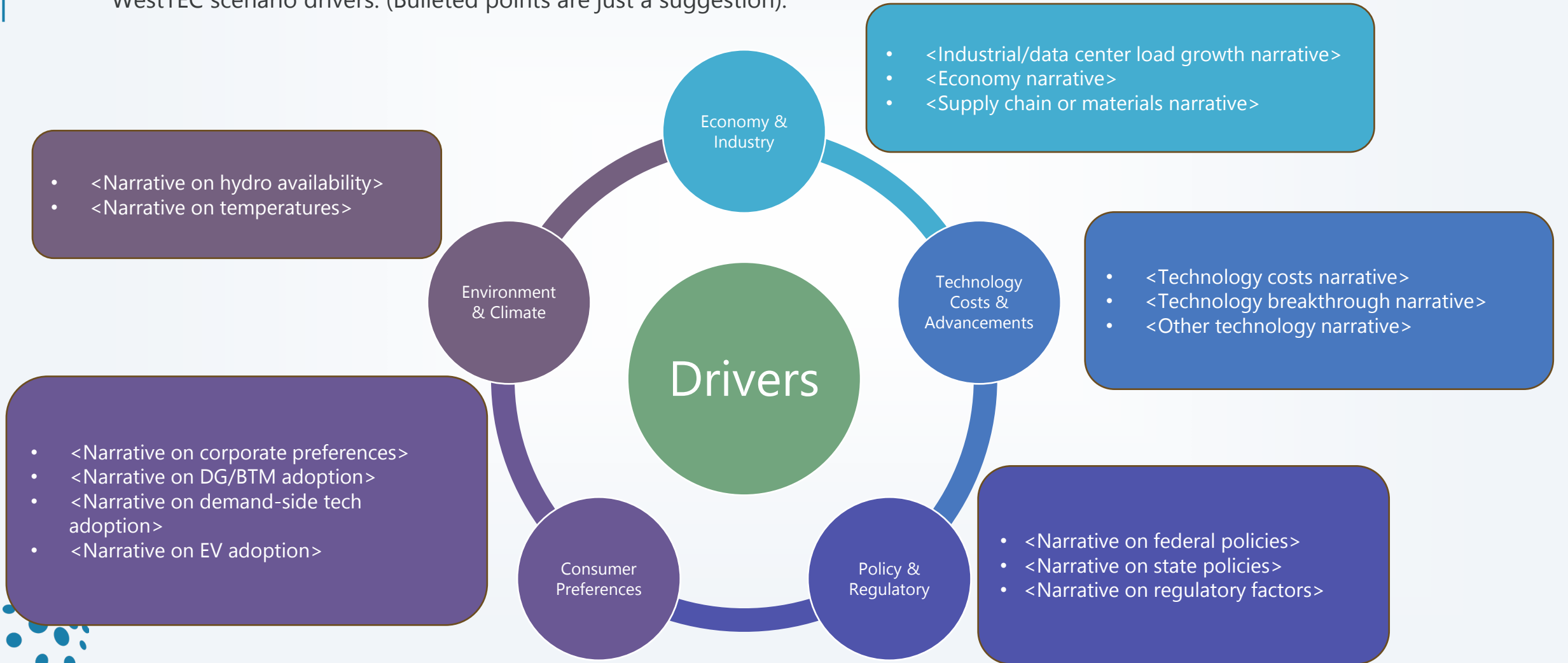
Notes:

- A
- B
- C



Driver-Based Narrative: <Scenario 1>

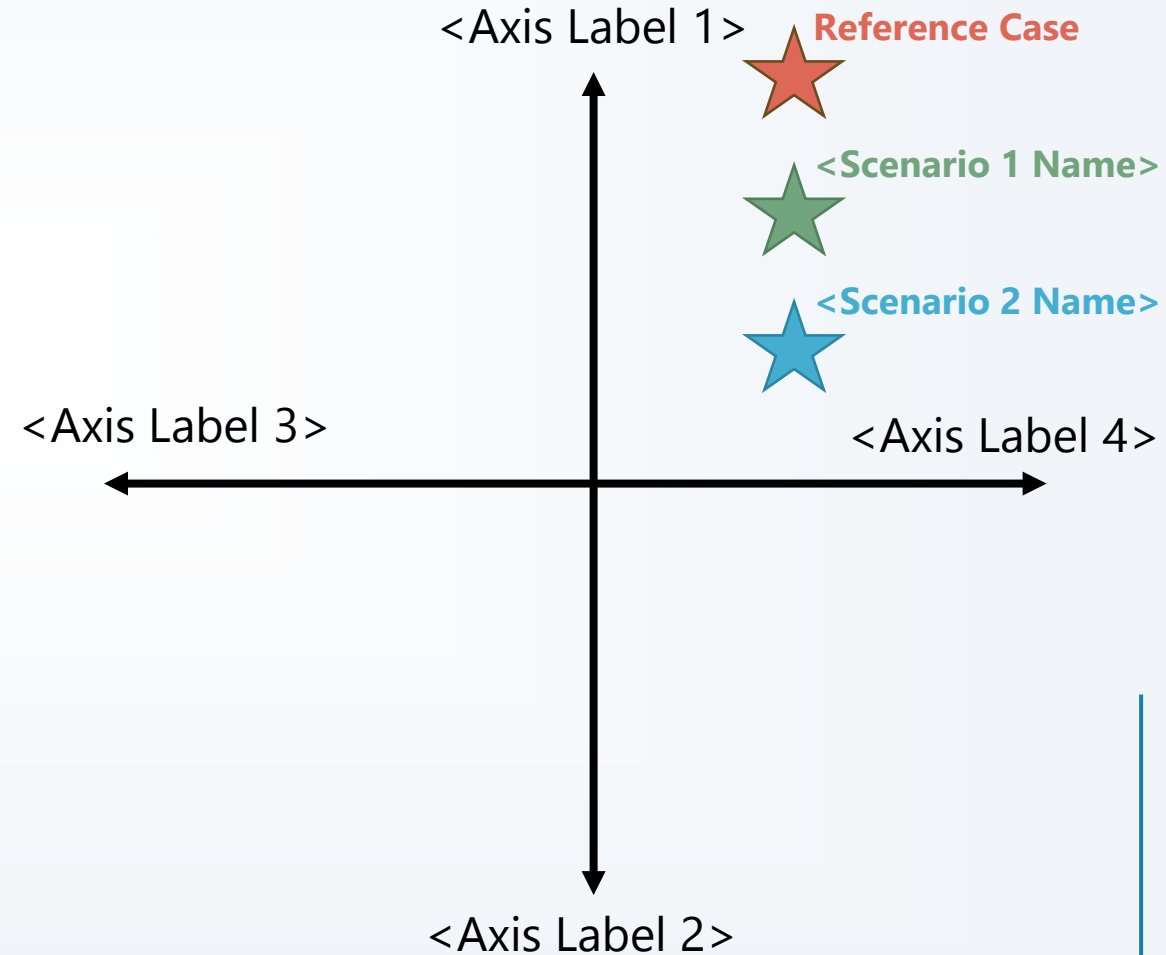
Use this template to think through key narrative points for each of the WestTEC scenario drivers. (Bulleted points are just a suggestion).



Multi-Scenario Framework

Use this template to think through all 3 scenarios. Think of what two axes best represent the key differences between the scenarios and drag and drop the stars where appropriate.

- » The two axes I chose to best represent my scenarios are...
 - » Comparing scenarios along these two axes is important because...
- » Together the three scenarios:
 - » Show a wide range of outcomes in X and Y
 - » Can be used to compare A and B
 - » I expect Scenario X to have the more transmission than the reference case because ...
 - » I expect Scenario Y to have less transmission than the reference case because ...



REC Engagement, Post Scenario Development

Ongoing engagement

» What on-going engagement does the REC committee believe is beneficial?



Initial 10-year Report Feedback

- » What type of feedback is expected on the report?
- » What is the mechanism for addressing feedback/coordinating between committees?



Overall WestTEC Project Timeline

WestTEC Project Timeline

NEAR-TERM PLANNING HORIZON EFFORTS

LONG-TERM PLANNING EFFORTS

PROJECT DISTRIBUTION
& REGIONAL PARTNER
ENGAGEMENT

QUARTERLY PUBLIC ENGAGEMENT

2024
Q3

2024
Q4

2025
Q1

2025
Q2

2025
Q3

2025
Q4

2026
Q1

2026
Q2

2026
Q3

2026
Q4

2027
Q1

Sept
2024:
Final
Study
Plan

Oct 21:
CREPC-TC
Meeting

Nov 19:
All-
Committee
Meeting

Nov 22:
Public
Workshop

Feb:
Public
Workshop

Feb:
CREPC-TC
Meeting

Mar 2025:
Steering
Approves
Scenarios

Aug 2025:
Initial 10-year
Horizon Report
Complete

July 2026:
Planning
Scenarios
Complete

Sept 2026:
Completion of 20-
year Horizon Report
and Final 10-year
Horizon Report

Next Steps

- » In March, we expect approval of the planning scenarios and completion of the 20-year resource plan. The 10-year horizon transmission assessment and report should be completed in August 2025.
- » Please submit any comment on scenario feedback to GDS:
 - » gillian.biedler@gdsassociates.com
 - » rachel.risley@gdsassociates.com
 - » kyra.green@gdsassociates.com

Public Comment