

# SPSC

# Scenario Work Group Call

Jim Tarpey, Chair  
Oct. 20, 2010

# Agenda

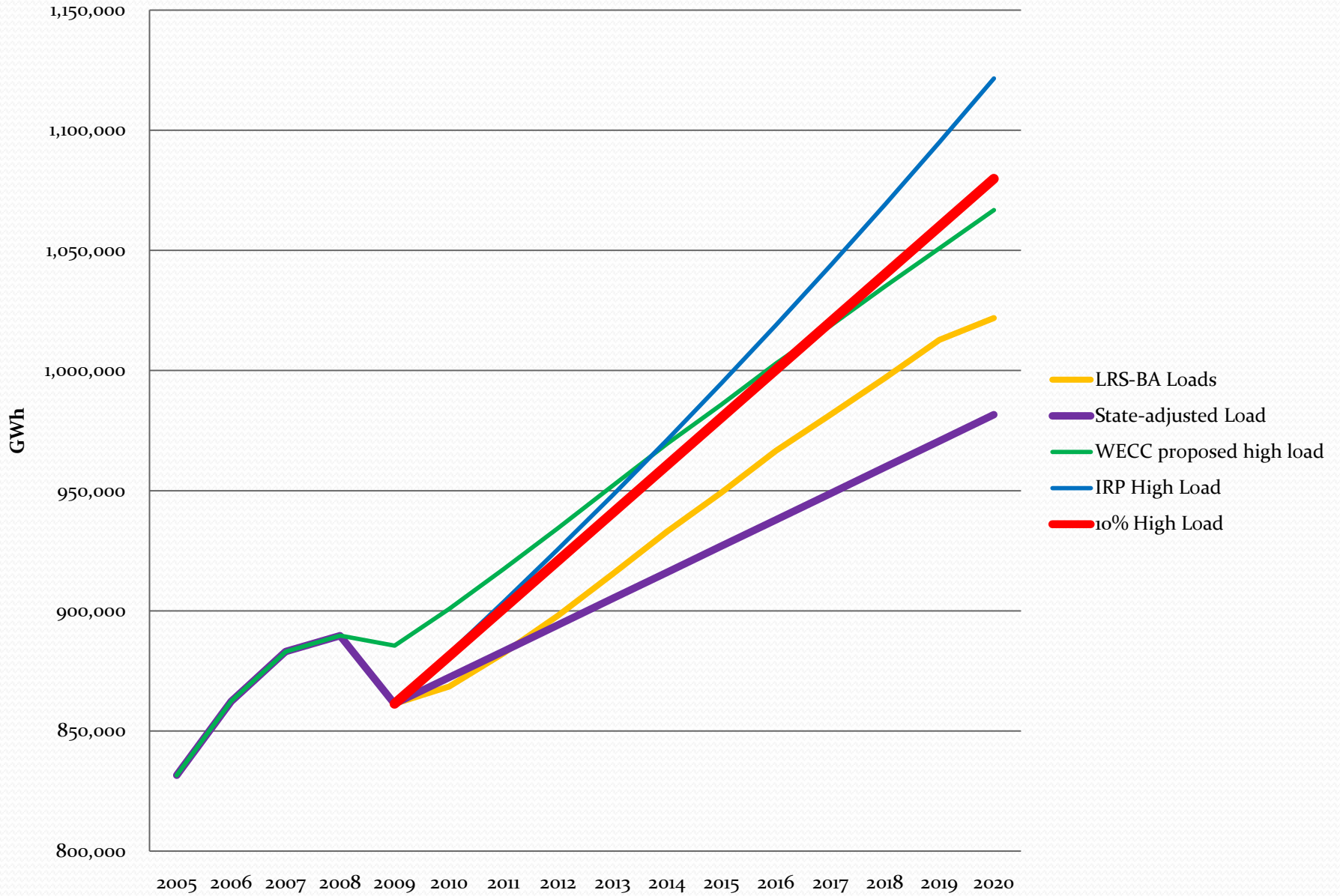
- 1. High Load case – Action Item**
- 2. Update on the 10-Year Plan Task Force**
- 3. SPSC role in the development of the 10-year plan**
  - a. Timeline for input**
  - b. Issues and topics**
- 4. SPSC study requests update**
  - a. High DSM case**
  - b. Carbon reduction case**

# High Load Case – Action Item

- From last meeting, consensus towards use the WECC staff proposed High Load forecast for 2020 assuming it reflected a 10% higher 2020 value than the Reference Case state-adjusted load in 2020. 10% reflects a reasonable upper bound bookend.
- Subsequent calculations show the WECC proposed high load is 8.6% higher than the 2020 Reference case load.
- **Proposal:** Specify High Load case that scales up 2020 load 10% above the Reference case.

			2008 LRS	IRP Rate	
Year	LRS	SPSC Ref. Case	LRS High Load	IRP Higher Load	10% Above Ref. Case
2005	831,570	831,570	831,570		
2006	862,357	862,357	862,357		
2007	883,022	883,022	883,022		
2008	889,670	889,670	889,670		
2009	861,314	861,314	885,460	861,314	861,314
2010	868,490	872,251	900,779	882,236	881,175
2011	882,382	883,188	917,364	903,665	901,036
2012	897,984	894,125	934,349	925,616	920,896
2013	915,262	905,062	952,082	948,099	940,757
2014	932,989	915,999	969,546	971,129	960,618
2015	949,197	926,936	985,838	994,718	980,479
2016	966,579	937,873	1,002,922	1,018,880	1,000,339
2017	981,600	948,810	1,018,623	1,043,629	1,020,200
2018	996,928	959,747	1,034,920	1,068,979	1,040,061
2019	1,012,752	970,683	1,050,820	1,094,945	1,059,922
2020	1,021,873	981,620	1,066,819	1,121,541	1,079,782
2009-2020					
Annual Rate	1.55%	1.19%	1.69%	2.40%	2.06%
			1.95%		
% Difference in 2020 from:					
Ref Case	4.10%	0.00%	8.68%	14.25%	10.00%
Base Case	0.00%	-3.94%	4.40%	9.75%	5.67%

# WECC Energy Load



# Update on 10-Year Plan Task Force

- Activities to date:
  - Oct. 1 – Task Force held first call/meeting
  - Oct. 10 – WECC staff distributed first draft of whitepaper to Task Force members; embargoed draft
  - Oct. 13 – Task Force members submitted comments on first draft
  - Oct. 15 – Task Force second meeting
    - Discussions on first draft of White Paper

# Update of 10-Year Plan Task Force

- Upcoming schedule
  - Week of Oct. 18 – Second draft of whitepaper (2.0)
  - Week of Oct. 25 – Task Force meeting in San Francisco to discuss second draft
  - Oct. 29 – Whitepaper distributed to TEPPC & SPSG (3.0)
  - Nov. 2 – Outreach webinar on the Whitepaper
  - Nov. 9 – Joint TEPPC/SPSG meeting to discuss Whitepaper
  - Week of Nov. 15 – Revisions to the Whitepaper based on meeting discussion
  - Nov. 28 – Release of Whitepaper to WECC Board
  - Dec. 8 and 9 – WECC Board discussion (no formal action planned)

# SPSC strategy regarding the 10-year plan

- Staff initial ideas on the SPSC strategy
  1. Timeline for SPSC input
  2. Issues and topics

# Timeline for input (staff ideas)

- Scenario WG continues with progress reports on the activities of the SPSG/TEPPC 10-Year TF activities through the weekly Scenario WG conference calls, webinars and staff summary memos.
- October 29 – Distribute the Task Force’s draft White Paper to SPSC with a cover memo. Purpose of memo:
  - Information gathering, no formal comments/edits from SPSC members
  - SPSC is pursuing an independent process
  - Focus on the 10-Year Plan, not the Whitepaper

# Timeline for input cont.

- Nov. 2 – WECC webinar on the White Paper. Give SPSC notice of the webinar and request participation
- Nov. 3, 4, or 5 – SPSC webinar on the White Paper.
  - Hold follow up webinar on Nov. 3, 4 or 5, gathering SPSC input/reaction to the White Paper (not edits), with an emphasis on encouraging input from SPSC members on what's missing in the White Paper.
  - Informs SPSC members participating in TEPPC/SPSG meeting the following week
- Use the Task Force White Paper as a reference tool, not the context for developing SPSC input to the 10-Year Plan

# Timeline for input cont.

- November 9: TEPPC/SPSG meeting in Phoenix
- November 16-18: Follow up TEPPC meeting with staff issues paper and webinar.
  - **Issues paper.** Purpose to prepare SPSC members to be able to offer thoughtful, constructive comments and recommendations on the 10-year Plan.
    - Provide a summary of the Nov. 8-10 SPSG/TEPPC meeting discussions.
    - Staff identifies issues in the development of the 10-Year Plan that are not adequately addressed in the White Paper.
  - **SPSC 2nd webinar.** Purpose to enable SPSC members to discuss the White Paper, ask questions, offer opinions and potentially reach consensus on approach to 10-year plan.

# Timeline for input cont.

- Nov. 28 – White Paper is distributed to the WECC Board. Distribute this final copy to SPSC.
- Dec. 8-9 – WECC Board meeting.
  - WECC Board to be briefed on the White Paper but not expected to make any decision until March meeting.
  - SPSC representative appears to explain the SPSC review process that is underway, independent of the White Paper process.

# Timeline for input

- Jan. 11-12 – SPSC meeting in San Diego
  - SPSC briefed on the TEPPC White Paper by WECC staff
  - Key issues are discussed by states/provinces in a discussion led by SPSC Scenario WG
  - SPSC considers recommendations to WECC on the appropriate elements and process for developing the 10-Year Transmission Plan. Any agreement is conveyed to WECC and TEPPC as a SPSC meeting outcome.

# Big picture Topics

- Identify the key issues in the development of a plan
- What should be in a plan?
- How WECC proposes to address those issues
- Alternative ways of addressing those issues

# Emerging issues

- What are the goals of the plan?
- How do we translate uncoordinated study results into a list of paths or projects?
- How do we address the foundational projects?
  - How should they be used in the 10-year plan?
  - Uncertainty of foundational projects being built?
  - How should they be selected in the future?
- If the role is to tap renewable resource rich areas, how do we decide what lines to build to what areas?
- What is the role of the SPSC and SPSG as the process evolves?

# SPSC Study requests update

- High DSM case
- Low carbon case