

2021 10-Year Assessment Preliminary Solutions

PRESENTED BY

Allison Bartz, Chris Hagman, David Smith

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Purpose

- Solicit Input on Solutions
 - Network/System Planning
 - Generation Interconnection/Generation to Transmission (G-T) and Distribution to Transmission (D-T)
 - Asset Renewal
 - Communications
- Solicit Input on Public Policy Driven Needs
- Next Steps/Feedback

Changing Landscape

- Project needs are shifting
 - Reduced need for new load-growth driven projects.
 - Both the G-T and D-T queues are large.
 - Asset Renewal projects address reliability risks.
 - Communications projects address telecommunication risks.
- Increased focus on Asset Renewal projects over other kinds of project

New TYA Projects/Solutions

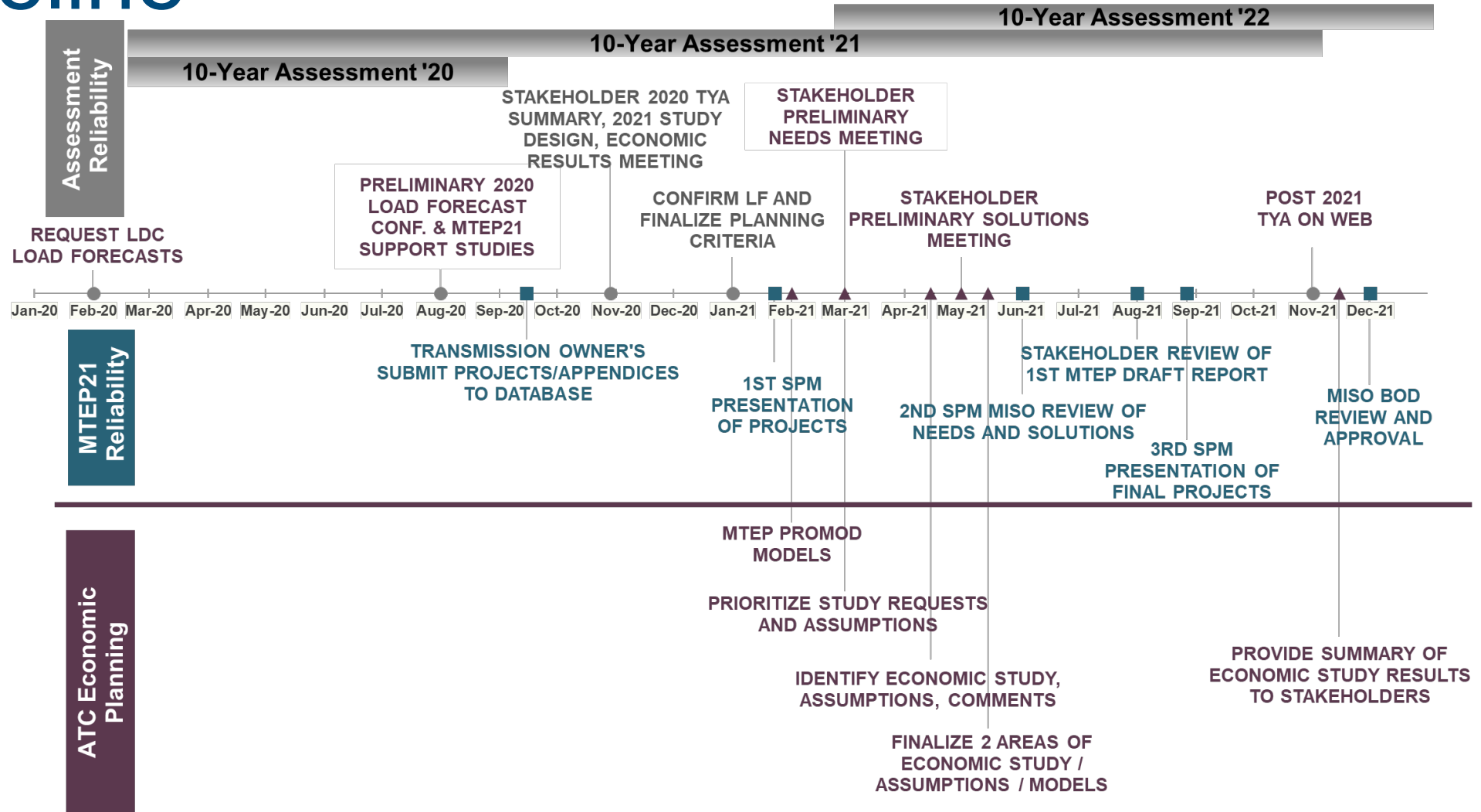
- ATC's latest list of TYA projects included.

Project Name	2020 Est. In-Service Year	2021 Est. In-Service Year	ZONE	Need Category	Planned / Proposed / Provisional	MISO MTEP Appendix (BOLD = Certified)	MTEP PRJID	Cost
Bloomington (BLO)-LaPointe Sw Str (LPTT), 69kV, Y43 Rerate		2021	3	Line Clearance	Planned	A in MTEP19	14912	\$ 600,000.00
Bluff LNG SS, new DIC		2022	3	T-D Interconnection	Planned	A in MTEP20	14907	\$ 1,348,859.00
Sunset Point - Bowen Street (E-5), 69kV, Uprate		2023	4	Reliability	Proposed	A in MTEP21	14964	\$ 699,055.00

Orange Shading = new project, was not in previous Assessment project list

- Few new projects over last year.
- Mixture of project types.

Timeline



Next Steps

- Completed
 - Requested load forecast from LDCs - February 2020
 - Study Design meeting – held October 29, 2020
 - Preliminary needs meeting - held March 8, 2021
- Next Steps
 - Solutions comments - due June 1, 2021
 - Start drafting TYA on-line report - May 2021
 - Complete TYA on-line draft report - September 2021
 - ATC internal review/approval - October 2021
 - 2021 TYA on-line publication - November 2021

Planning Criteria Changes

- Criteria changes since v20.2
 - Removed old footnote 1 related to emergency ratings, particularly in sections 1.1.2, 1.1.3, and 1.1.6
 - Specified generators for which stability criteria applies, particularly in section 1.2
 - Replaced SPS with RAS throughout
 - Posted as v21 on atc10yearplan.com website
- Practices changes since v20.1
 - Removed old footnote 1 related to emergency thermal ratings, especially in section 4.1
 - Identified to which generators stability criteria applies, particularly section 12.11
 - Posted as v21 on atc10yearplan.com website

Feedback

- Are there any public policy driven needs that may not be covered by the Assessment process?

For more information, please contact

Allison Bartz

Email: abartz@atcllc.com

