



Helping to keep the lights on,
businesses running
and communities strong®

2020 10-Year Assessment Preliminary Solutions

Stakeholder and Customer Presentation – May 12, 2020
Chris Hagman

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.
- **Last meeting comprehensively covered all of these**
 - Deeper dive into projects needed to support interconnecting new generators (G-T projects) and Asset Renewal projects.

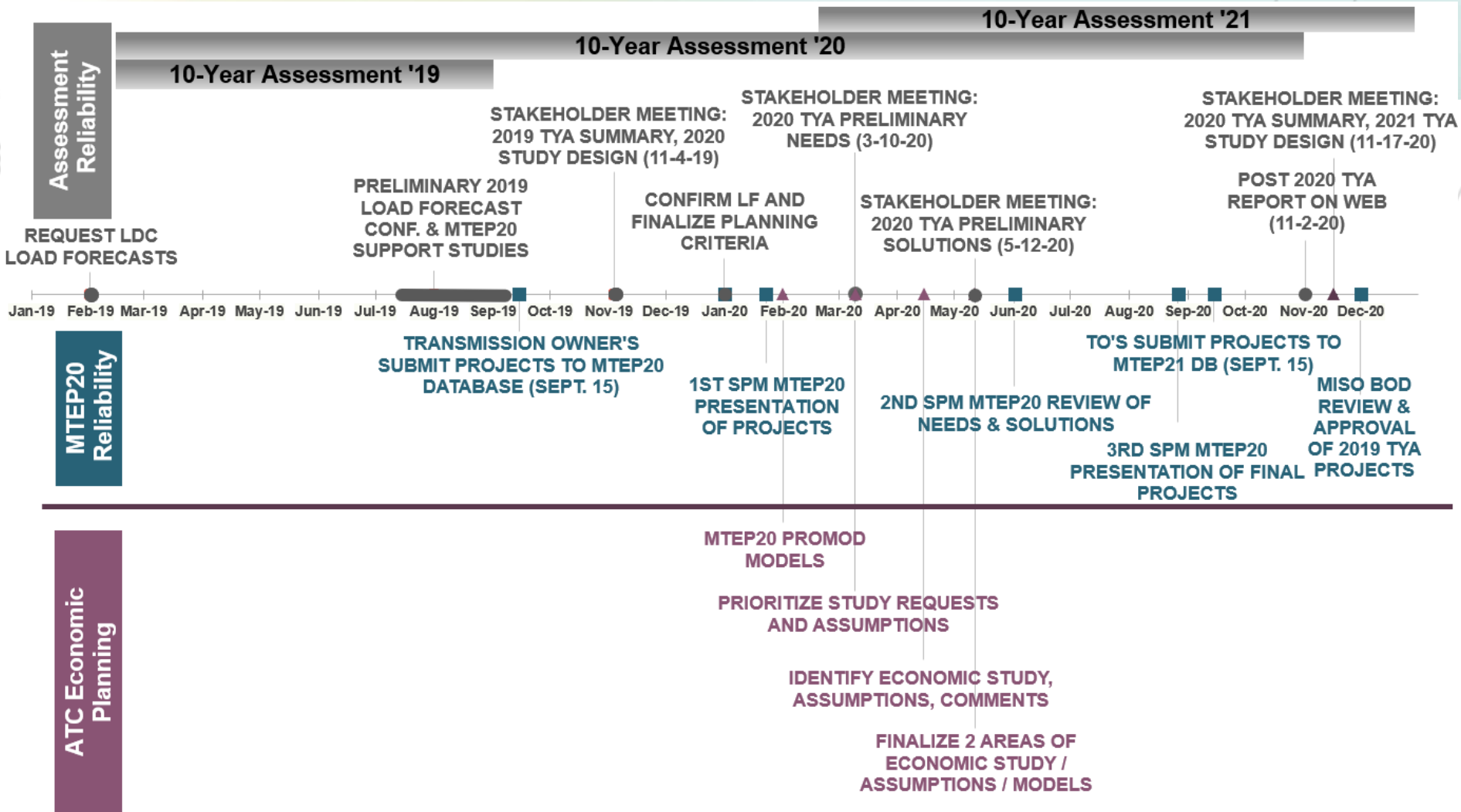
New TYA Projects/Solutions

- ATC's latest list of TYA projects included.
 - Orange highlighted projects are new.

Project Name	2020 Estimated In-Service Year	ZONE	Need Category	Planned / Proposed / Provisional	MISO MTEP Appendix (BOLD = Certified)	MTEP PRJID	Cost
Petenwell - Council Creek (X-40), OPGW Installation	2024	1	Communication	Provisional			\$ 8,600,000.00
Blount - East Campus, 69kV, (6907), underground cable replacement	2020	3	Damage	Planned	A in MTEP20	18848	\$ 9,000,000.00
J821 GIC Zenith SS - Generator Interconnection Facilities and Network Upgrades	2021	1	G-T Interconnection	Proposed	A in MTEP20	18567	\$ 7,235,132.00
J855 GIC Ebenezer SS - Generator Interconnection Facilities and Network Upgrades	2020	3	G-T Interconnection	Planned	A in MTEP20	18655	\$ 5,526,333.00
J870/J871 MPFCA Highland SS, Generator Network Upgrades	2021	3	G-T Interconnection	Planned	A in MTEP20	17525	\$ 16,655,765.00
J870 GIA Highland SS Interconnection Facilities	2020	3	G-T Interconnection	Planned	A in MTEP20	18849	\$ 230,118.00
J807 GIC Falcon SS Addition - Generator Interconnection Facilities and Network Upgrades	2021	3	G-T Interconnection	Planned	A in MTEP20	18566	\$ 870,186.00
J850/J878 MPFCA East Paris New SS	2022	5	G-T Interconnection	Proposed	A in MTEP20	18985	\$ 25,525,101.00
Weston - Sherman Street, 115kV line (Z-52), uprate	2023	1	Reliability	Proposed	A in MTEP20	14909	\$ 997,000.00
Lost Dauphin - Red Maple 138kV (Q-147), uprate	2023	4	Reliability	Proposed	A in MTEP21	14964	\$ 635,000.00
Maine - Hilltop 115kV line (U-11), uprate	2023	1	Reliability	Proposed	A in MTEP20	14909	\$ 835,000.00
Klondike SS, New DIC	2020	3	T-D Interconnection	Proposed	A in MTEP19	14906	\$ 1,000,000.00
Waterloo SS, new DIC	2021	3	T-D Interconnection	Planned	A in MTEP19	14906	\$ 2,700,000.00

- G-T projects—Largest share.
- Timeline--shows what is coming up.

Timeline



Status

- **Completed**

- Requested load forecast from LDCs - February 2019
- Study Design meeting - held November 4, 2019
- Preliminary needs meeting - held March 10, 2020

- **Next Steps**

- Solutions comments - due June 2, 2020
- Start drafting TYA on-line report - May 2020
- Complete TYA on-line draft report - September 2020
- ATC internal review/approval - October 2020
- 2020 TYA on-line publication - October 2020

Feedback

- Any public policy driven needs that may not be covered by the Assessment process?

For more information, please contact

Chris Hagman

Phone: 608-877-7134

Email: chagman@atcllc.com

