



**Community Advisory Panel
Meeting Minutes for December 5, 2024**

Members attending the meeting:

- Christina Bouler
- Janet Testerman
- Stephen Smith
- Terry Ledford
- Ty Hall
- Tiki Dixon
- Keira Wyatt
- Amy Nolan
- Cheryl Ball

Others in attendance:

Facilitator: Dawn Ford

KUB Commissioners: Kathy Hamilton, Ron Feinbaum, Celeste Herbert

KUB Staff: Gabe Bolas, Erin Gill, Susan Edwards, Mark Walker, Tiffany Martin, John Gresham, John Williams, Jamie Davis

TVA Representatives: Clifton Lowry, Amy Edge

New Business

The Community Advisory Panel met at 2:00 p.m. on Thursday, December 5th, 2024, at KUB's Hoskins Operations Center (4505 Middlebrook Pike).

Ms. Ford asked if there were any changes to the October minutes. There were no changes, and the minutes were approved.

Ms. Ford then recognized the four members of the panel with expiring terms: Christina Bouler, Ty Hall, Terry Ledford, and Barbara Kelly. She introduced KUB Commissioner Kathy Hamilton who shared remarks to thank the panel for their service and for their input on topics important to KUB's customers and the community. Gabe Bolas, KUB President and CEO, also shared his appreciation for the panel's input throughout the year and for their service.

Ms. Ford announced the new members joining the panel: Laura Johns, Wes Willoughby, Misty Goodwin, and Brian Strutz. She also announced Yassin Terou extended his service for three years. New members will begin attending CAP meetings starting in February.

Ms. Ford introduced the meeting's topic of TVA's Integrated Resource Plan (IRP) and introduced TVA presenters Amy Edge, Director of Customer & Community Relations, and Clifton Lowry, Vice President for Enterprise Planning.

Ms. Edge and Mr. Lowry's presentation began with an overview of what the IRP is and the principles behind the planning. They then shared the timeline for the IRP. The process began at the end of 2022, and they are currently in the period for public comment on the draft IRP. They anticipate the IRP will be presented to the TVA Board in May 2025. The presentation continued by showing the stakeholders that provided input for the IRP and the IRP process. They showed multiple scenarios and strategies that make up 30 portfolios identified in the IRP. Mr. Lowry then presented the draft results for the IRP and the plan TVA recommends through 2035 and 2050.

Following the presentation, the floor was open for discussion and questions from the panel.

Keira Wyatt asked how changes in the environment and community growth were factored in with the IRP. Mr. Lowry answered that the IRP does include a look at the resources that are being added and environmental impacts, including air quality from emissions, water usage for cooling systems, or waste products. He added that greenhouse gas analysis is included with each portfolio in the IRP.

Ms. Wyatt asked what some of the pros and cons are for the resources TVA is proposing to use or continue using, including nuclear energy. Mr. Lowry used electric vehicles as an example of emissions moving from the transportation sector to utilities due to the energy production. He noted that risk factors associated with nuclear energy are closely regulated by entities beyond TVA.

Ms. Wyatt asked if there has been pushback from fossil fuel companies or other industries that would experience an economic impact from the plans. Mr. Lowry answered that there was analysis of economic impacts related to jobs needed to support for each portfolio, however, TVA's IRP does not address the larger socioeconomic impact Ms. Wyatt referenced. He noted a national energy policy may be able to drive this larger picture.

Janet Testerman asked when the last IRP was done prior to 2019 and what some of the major catalysts were that necessitated redoing the IRP and looking ahead to the future. Mr. Lowry answered that the IRP is completed every 4 to 5 years, with previous IRPs in 2015 and 2011. He explained there was flat energy load for about a decade due to energy efficiency, and the 2015 IRP focused more on demand side programs with local providers. After the pandemic, energy demand slowed but then increased drastically. The new IRP looks at changes with load growth, regulations, and incentives. Ms. Testerman asked if the IRP would be revisited before the dates presented in the draft. Dr. Stephen Smith added

that the frequency of the IRP was agreed to by TVA with the U.S. Senate Oversight Committee following the Kingston coal ash spill. Mr. Lowry said the TVA Board also establishes items for oversight which are incorporated into the IRP. Reaching the criteria from the Board signals it's time to prepare for the next IRP. Ms. Testerman said she knows forecasting is difficult with so many variables. Mr. Lowry said the goal is to plan ahead with the IRP, so TVA is prepared for potential changes.

Dr. Smith discussed how things like cryptocurrency and AI are creating large demands on power providers and infrastructure. He asked at what point these businesses are reined in since they bring few jobs and create a burden on the public infrastructure. Mr. Lowry agreed that planning a system that requires 20-year investments is a challenge when there is not certainty in the longevity of some of the energy users. Mr. Lowry noted these issues are under evaluation by TVA and others to determine the right balance between what an energy user pays and what they bring to the community/region. Mr. Bolas added that KUB is watching digital growth very closely. He added that KUB asks customers with large infrastructure needs to pay for costs up front or sign a contract where KUB can be made whole to not put risk on other ratepayers.

Amy Nolan asked if potential changes to government agencies and regulators following the November election are incorporated into the IRP. Mr. Lowry said the IRP is designed to be apolitical and upfront with the costs, portfolios, scenarios, and results. He is encouraged by the push of energy security by the new administration. He added that while TVA is committed to serve customers, there is not a requirement on the time it takes to serve, especially if there is risk to the system without additional infrastructure.

Terry Ledford asked if these large loads discussed earlier could be interruptible. Mr. Lowry confirmed there could be instances where these new large loads would have demand response requirements and not receive incentives.

Ty Hall asked if TVA knew what power would be firm or interruptible in the scenarios presented. He also asked if they feel they are ahead with the future power supply issues presented in their charts. Mr. Lowry said TVA has made significant investments in their system and in securing new Power Purchase Agreements as examples for meeting supply needs. He said TVA will continue looking for more options to serve continuing load growth.

Tiki Dixon asked if the workforce availability is included in the scenarios. Mr. Lowry said the workforce is assumed to be in these scenarios.

Ms. Ford told the panel that information to provide feedback on TVA's IRP is available in their meeting handouts.

Ms. Ford announced that the next meeting would be February 6, 2025, at 3 p.m.

Ms. Ford asked if there were any further questions. Ms. Wyatt asked what the workforce is going to look like with this new technology and what job space would be best to

recommend. Mr. Lowry said the emerging technology space is going to be critically important.

No members of the public addressed the panel during the public forum.

The meeting was adjourned at 3:30 p.m.