



Regional Resource Stewardship Council Regional Energy Resource Council

December 1, 2020
Virtual Meeting

RRSC/RERC Virtual Meeting

- **This is the 2nd meeting of the 11th term for the RRSC and the 4th meeting of 4th term of the RERC.**
- **This meeting is being recorded.** A link will be provided on the TVA RRSC and RERC Websites (tva.gov/rrsc and tva.gov/rerc).
- **We welcome members of the public attending and who are in listen only mode.**
- **RRSC & RERC Members are able to mute and unmute their own line.** Please keep yourself on mute until you wish to speak. Council Members will use the **Raise Hand** function to be recognized for questions and comments. Please turn your **video off** during the presentation.

Today's Meeting Purpose

- Obtain RRSC and RERC views and advice on TVA's Sustainability Report and Program

Virtual RRSC and RERC Meeting Agenda

December 1, 2020

- 9:30** Welcome and Roll Call
- 10:00** TVA Sustainability Report Presentation and Discussion
- 11:30** 30-minute Break
- 12:00** Breakout Sessions for RRSC and RERC to Review and Vote on Advice Statements
- 12:45** Reconvene Both Groups
Read RRSC and RERC Advice Statements
- 1:00** Adjourn

Advice Questions

How can TVA improve its Sustainability Report?

What priority areas should TVA target for improvement in its Sustainability efforts?

How could TVA raise awareness of its Sustainability Program?

RRSC Members - Term 11 – Roll Call

RaeLynn Butler

Muscogee (Creek) Nation

Keith Carnahan

Meriwether Lewis Electric Cooperative

Robert Englert, Jr

Retired Crouse Corporation

Ray Hardin

Decatur Utilities

Richard Holland

Packaging Corporation of America

Mark Iverson

Bowling Green Municipal Utilities

* Chair

Kim Klinker*

Klinker Management

Ronald Lambert

The Nature Conservancy

Tom Littlepage

Ala Dept. of Economic & Community
Affairs

Whitney Lipscomb

State of Mississippi

John McConnell

State of Kentucky

Will Nelson

Nelson Tractor Co.

Ron Robertson

TN Farmer

Sen. Clay Scofield

Alabama Senate, District 9

Danette Scudder

TN Valley Public Power Association

Robert Sneed

Retired Army Corps of Engineers

Catherine Via

TN Farm Bureau Federation

Randy Wiggins

Cherokee County, NC

Greg Young

State of Tennessee

RERC Members - Term 4 – Roll Call

Michael Butler

Tennessee Wildlife Federation

Dr. Bill Carswell

University of Alabama,
Huntsville (ret'd)

Erin Gill

City of Knoxville

Rodney Goodman

Habitat for Humanity

Dana Jeanes

Memphis Light, Gas, and Water

Matt Largen

Williamson, Inc.

* Chair

Jonathan Levenshus

Sierra Club

Peter J. Mattheis

Tennessee Valley Industrial
Committee

Jennifer Mundt*

State of North Carolina

Alice Perry

State of Mississippi

Doug Peters

Tennessee Valley Public Power
Association

Dr. Kari Babski-Reeves

Mississippi State University

Patrice Robinson

Memphis City Council

David Salyers

State of Tennessee

Charles Snavelly

Commonwealth of Kentucky

Clay Walker

NETWORKS Sullivan Partnership

John Warren

Commonwealth of Virginia

Lloyd Webb

Olin Chlor Alkali



TVA Sustainability Report / ESG RERC and RRSC

Rebecca Tolene
Vice President, Environment
December 1, 2020

What is Sustainability? What is ESG?

- **Sustainability** is a broad term — a category of any company's efforts to “do better.”
- **Environmental, Social, and Governance (ESG)** spotlights three specific pillars that are crucial to today's business managers and investors.
- In many places, these terms are used interchangeably.

Bottom line: Why is the region better for having TVA and the public power model? What is TVA doing to partner with the region to improve?

Purpose

- 1) Value of Sustainability Reporting published July 2020
- 2) Upcoming Sustainability Report
- 3) Shifting to a TVA ESG/Sustainability Program

2019 TVA Sustainability Report

- Successful 2019 TVA Sustainability Report
- Continues to provide communication value with a concrete and measurable way to tell TVA's story



Serving the People
to Make Life Better



PARTNERING
with **153**
Local Power
COMPANIES
AS OF JULY 2020

EVERY DAY WE SERVE
10 MILLION
PEOPLE
700,000
Businesses
IN PARTS OF
7 STATES
Directly Serve
57
LARGE corporations &
federal installations
AS OF JULY 2020

Importance to the Valley

TVA's sustainability story is a story of partnership and is grounded in our statutory mission.

This report serves our Valley partners by:

- Giving key stakeholders, economic development prospects and investors clear information
- Providing consistent information, alignment and streamlined processes to share sustainability information
- Supporting transparency through a central location to find information
- Outlining TVA's commitment to sustainability

Why these metrics? Why GRI?



The **Global Reporting Initiative** is a recognized international framework for economic, environmental, and social performance disclosure.

- External rating entities use GRI metrics to evaluate progress
- GRI Guidelines state Sustainability Reports should cover:
 - Reflect the organization's significant economic, environmental and social impacts; or
 - Substantively influence the assessments and decisions of stakeholders.

Sample of FY19 Sustainability Performance Metrics

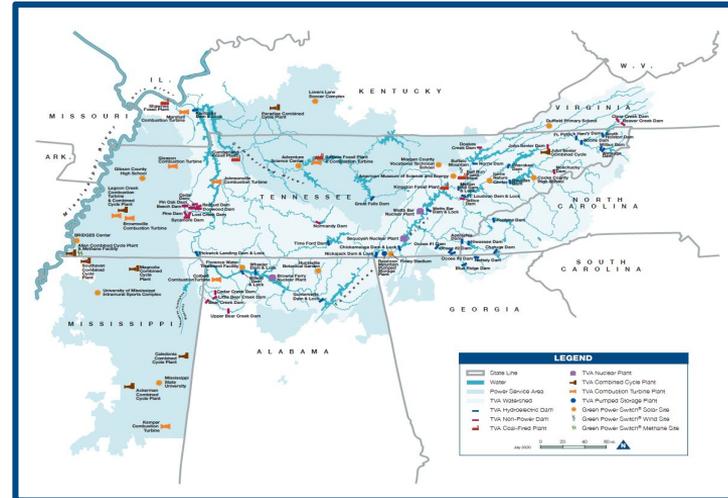
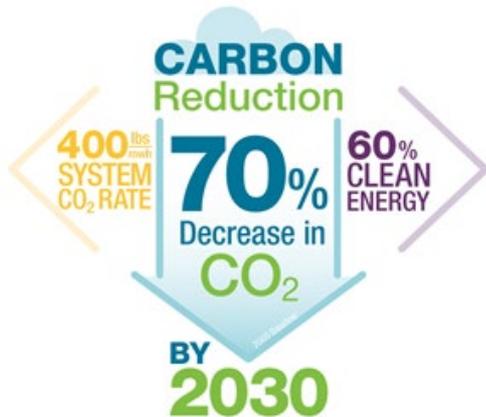
	Metrics	2017	2018	2019	Highlights
Air Emissions					
TVA is in the top quartile of its regional peers for clean energy generation, and we continue to strive to improve air quality.	SO ₂ (metric tons) (CY):	42,741	26,744	26,972	99% below 1977 peak level.
	NO _x (metric tons) (CY):	27,443	21,451	19,430	96% below 1995 peak level.
Assets and Operations					
TVA is evolving our fleet, reducing greenhouse gas emissions, and building out an integrated energy network, while maintaining flat rates and continuing to provide consistent, reliable service.	Coal generation (GWh):	39,019	31,471	27,934	465 MW extended power uprate at Browns Ferry completed
	Hydroelectric generation (GWh):	10,967	13,736	16,058	
	Natural gas generation (GWh):	25,485	32,104	31,704	
	Nuclear generation (GWh):	58,742	64,194	63,433	
CCR					
TVA is committed to safe, long-term management of the coal combustion residuals (CCR) generated by our operations.	Percent of Coal Combustion Products Beneficially Used:	41%	38%	41%	TVA continues to beneficially use coal combustion residuals instead of landfilling the materials in order to help protect the environment.
Climate Change					
TVA is a leader in CO ₂ emission reductions and is continuing to transition to cleaner, greener energy while keeping rates flat and service reliable.	Power from carbon-free sources delivered (%):	50%	52%	54%	TVA carbon emissions are on track to be reduced 60% from 2005 levels by the end of 2020, and reduced 70% by 2030. Top quartile ranking amongst industry peers in Clean Energy Generation.
	CO ₂ Emissions rate (lb/MWh):	850.91	825.09	741.66	

New for 2020 Report: External Stakeholder Engagement and Guidance

- Joint Federal Advisory Committee meeting (Dec. 1, 2020)
- Input from key voices
- One-on-one meetings
- Group meeting opportunities
- Website and Sustainability eUpdates

2020 Report - Current Feedback

- Carbon continues to be a focus area
- TVA in your locale/region
- Simplicity



2020 Report Proposed Table of Contents

Introduction
Message from the CEO
Looking Forward
2020 Sustainability Highlights
TVA's Approach to Sustainability
Sustainability Framework and Objectives
Metrics
About TVA
Powerful Partnerships
Customers as Partners
Community Partnerships
Public Engagement

People Advantage
Health and Safety
Employee Experience
Operational Excellence
Operational Safety
Consumer Protection
Energy Affordability
Resource Planning
Climate Adaptation and Resiliency
Clean Energy and Low-Carbon Future
Renewable Energy
Environmental Protection
Cultural Resources
River System and Public Land Stewardship

Igniting Innovation
Advancing Technology and Innovation
Energy Transformation
Grid Reliability and Modernization
Financial Strength
Financials
Sustainable Supply Chain
Economic Development
Investment

Moving toward a TVA Sustainability Program

Focus areas for Developing a Longer-term Program

- Continue annual reporting
- Develop long-term Sustainability Aspirational Goals
- Improve coordination with LPC partners and directly served customers
- Enhance Valley Sustainability Partnership development with communities
- Grow internal understanding of sustainability; Integrated business and sustainability goal setting and reporting



TVA Sustainability program that serves the Valley, improves quality of life and draws investors, Valley business, and talent

RERC and RRSC Sustainability Report Survey



Q&A and Discussion

Advice Questions

How can TVA improve its Sustainability Report?

What priority areas should TVA target for improvement in its Sustainability efforts?

How could TVA raise awareness of its Sustainability Program?

Break

Meeting will reconvene at 12:00 PM EST

RRSC – Please stay connected - just turn off video and mute your computer

RERC – Please join RERC Breakout at <https://bit.ly/RERC-breakout> at 12:00 pm



RRSC Advice Statement

Breakout Discussion

Advice Statement Review

RRSC Members – Roll Call Vote

RaeLynn Butler

Muscogee (Creek) Nation

Keith Carnahan

Meriwether Lewis Electric Cooperative

Robert Englert, Jr

Retired Crouse Corporation

Ray Hardin

Decatur Utilities

Richard Holland

Packaging Corporation of America

Mark Iverson

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Kim Klinker*

Klinker Management

Ronald Lambert

The Nature Conservancy

Tom Littlepage

Ala Dept. of Economic & Community
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Whitney Lipscomb

State of Mississippi

John McConnell

State of Kentucky

Will Nelson

Nelson Tractor Co.

Ron Robertson

TN Farmer

Sen. Clay Scofield

Alabama Senate, District 9

Danette Scudder

TN Valley Public Power Association

Robert Sneed

Retired Army Corps of Engineers

Catherine Via

TN Farm Bureau Federation

Randy Wiggins

Cherokee County, NC

Greg Young

State of Tennessee

* Chair



RERC Advice Statement

Breakout Discussion

RERC Advice Statement Review

RERC Members – Roll Call Vote

Michael Butler

Tennessee Wildlife Federation

Dr. Bill Carswell

University of Alabama,
Huntsville (ret'd)

Erin Gill

City of Knoxville

Rodney Goodman

Habitat for Humanity

Dana Jeanes

Memphis Light, Gas, and Water

Matt Largen

Williamson, Inc.

Jonathan Levenshus

Sierra Club

Peter J. Mattheis

Tennessee Valley Industrial
Committee

Jennifer Mundt*

State of North Carolina

Alice Perry

State of Mississippi

Doug Peters

Tennessee Valley Public Power
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Dr. Kari Babski-Reeves

Mississippi State University

Patrice Robinson

Memphis City Council

David Salyers

State of Tennessee

Charles Snavelly

Commonwealth of Kentucky

Clay Walker

NETWORKS Sullivan Partnership

John Warren

Commonwealth of Virginia

Lloyd Webb

Olin Chlor Alkali

* Chair

Please return to original WebEvent at

Public Attendees

<http://bit.ly/RERC-RRSC-SR> -

Council and Panelists – Use link sent in email:

[Dec. 1 Joint RRSC RERC Mtg Panelist Link](#)





RRSC and RERC Advice Statements

RRSC Advice Statement – Kim Klinker

RERC Advice Statement – Jennifer Mundt

Next Steps:

Next Council Meetings: *Tentative* Spring 2021

For public input:

- To provide comments or find more RERC and RRSC information, visit: www.tva.gov/rerc and www.tva.gov/rrsc
- Stay up to date on TVA public comment periods and meetings at <https://www.tva.com/about-tva/get-involved-stay-involved>

Closing Remarks

***Be Safe this
2020 Holiday Season***

