



Integrated Resource Plan Community Meeting Series

Community Meeting # 2 – July 26, 2023



Welcome and Update



Tony Cunningham
General Manager



Agenda



Cantrece Jones
Acuity Design Group

Integrated Resource Plan
Get Connected | A community engagement process.

2023 IRP COMMUNITY MEETING SERIES

IRP Community Meeting # 2 Agenda

GRU Updates

Eric Walters, GRU Interim Chief Sustainability Officer

Review of Community Meeting # 1

Cantrece Jones, Acuity Design Group Team

IRP Scenarios and Sensitivities

Brad Kushner, Acuity Design Group Team

Open Discussion & Next Steps

Cantrece Jones, Acuity Design Group Team

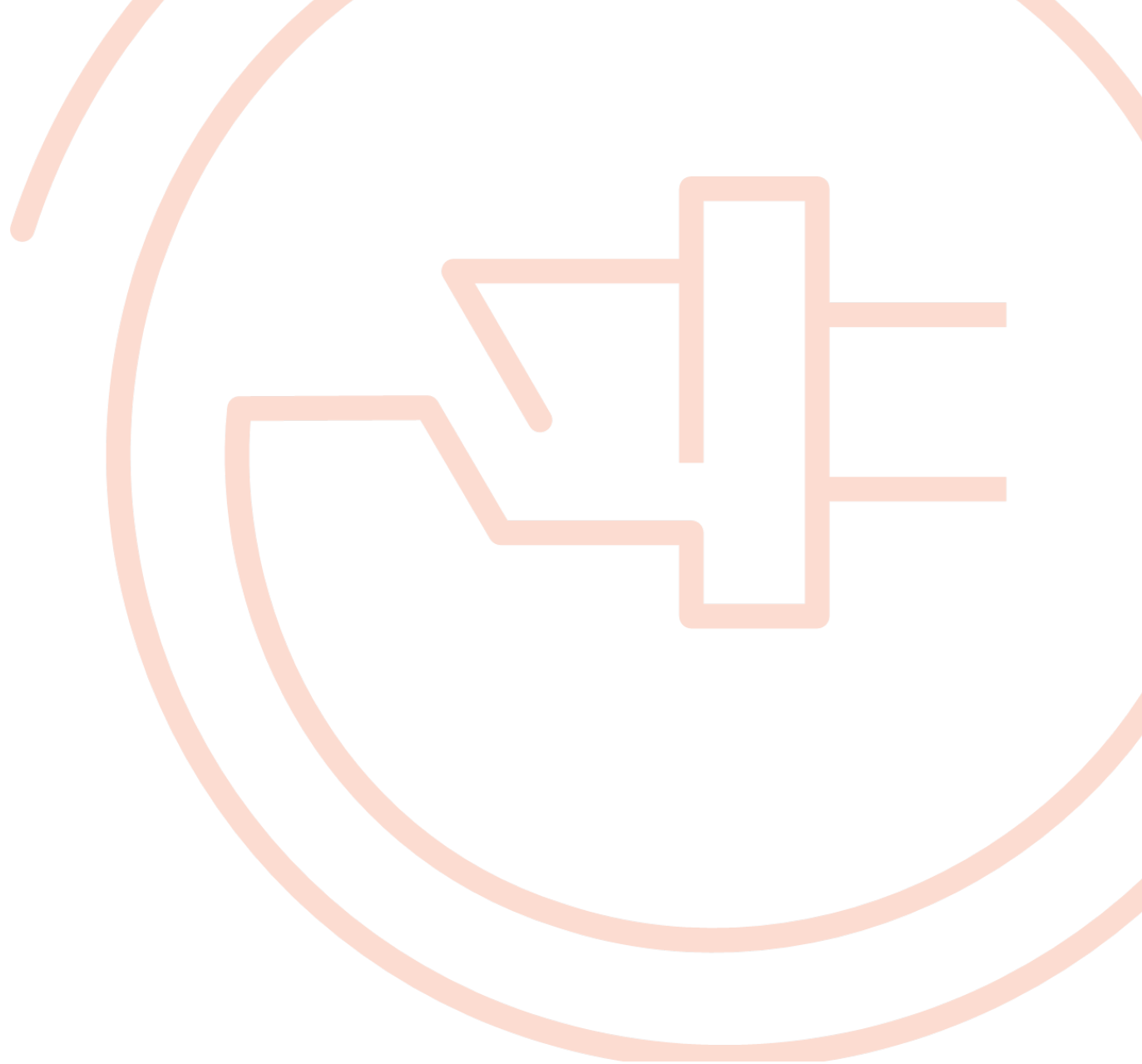


GRU Updates



Eric Walters
Interim Chief
Sustainability Officer

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2023 IRP COMMUNITY MEETING SERIES

IRP Purpose

What will we accomplish during this process?

The purpose of this IRP is to create an **actionable resource plan to meet the community's future energy needs that is:**

- **Reliable**
- **Sustainable**
 - **People**
 - **Economic**
 - **Environmental**



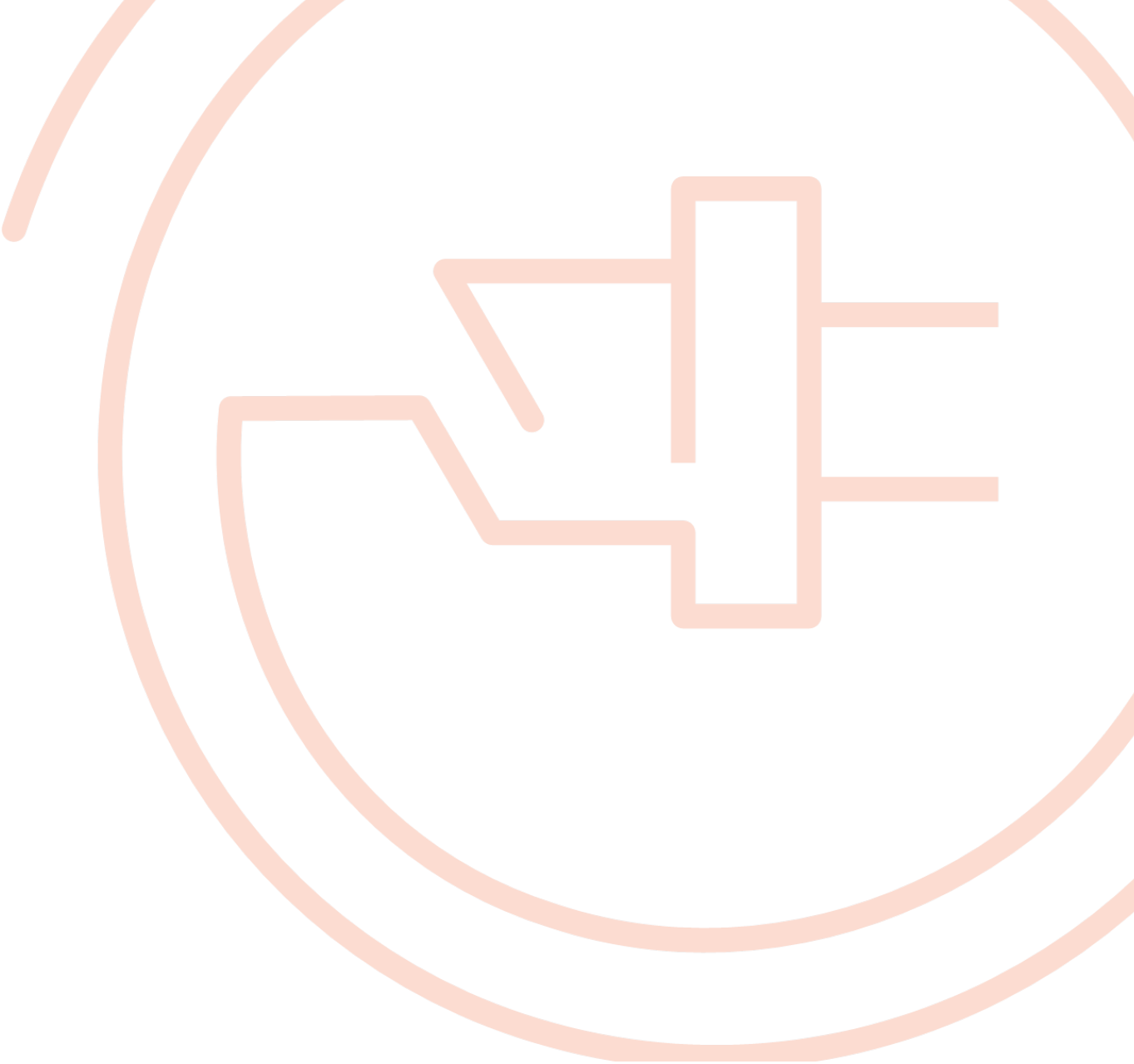


Welcome



Cantrece Jones
Acuity Design Group

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Community Participation Overview

- *Those who would like to submit a question related to the Integrated Resource Plan (IRP) must fill out a speaker card for each question. We will address them at the end of the presentation.*
- *Comments related to the IRP can be written on the comment cards provided.*
- *Your comments and questions are public record; please provide the appropriate contact information.*
- *If you have any additional comments or questions related to the IRP, please send them to: IRP@gru.com.*
- *Responses to comments and questions related to the IRP will be posted to the GRU website (www.gru.com/IRP)*



How to provide your question/comment



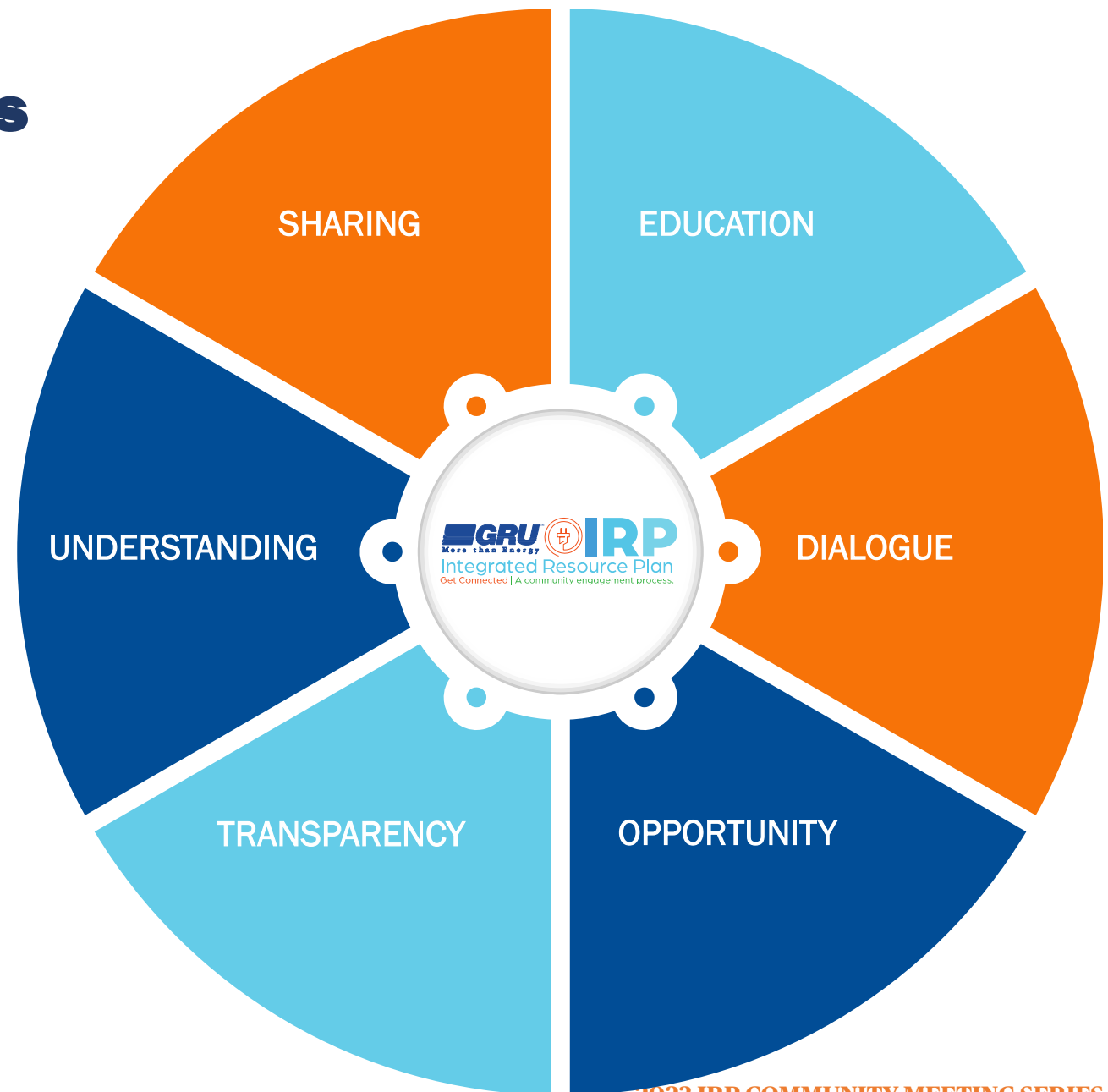
Participation Guidelines

You represent the diverse community we serve.

We appreciate the value that your time and effort will bring to the future of GRU and our region.

What is
Important
to **YOU**?

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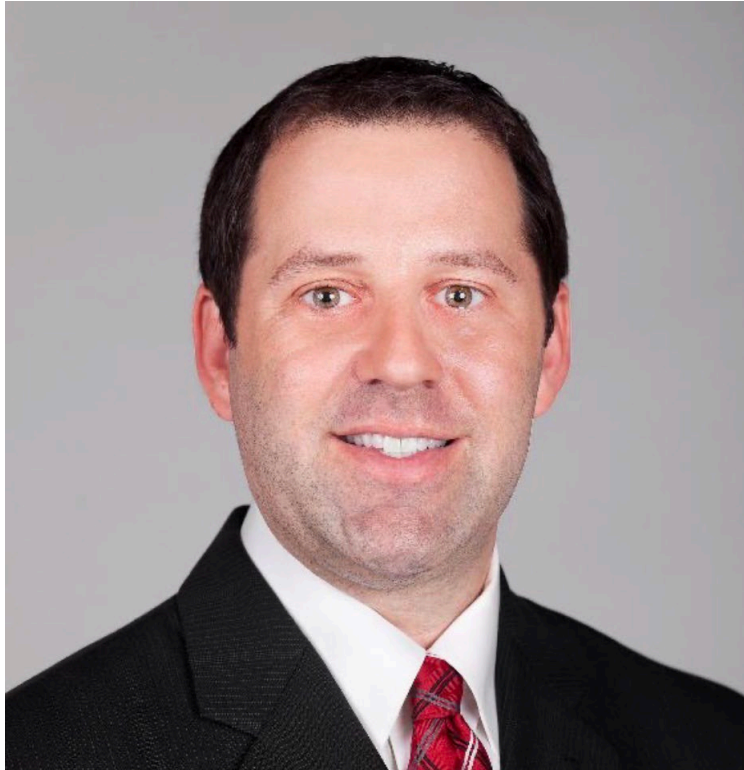
2023 IRP COMMUNITY MEETING SERIES



Community Meeting # 1 Recap

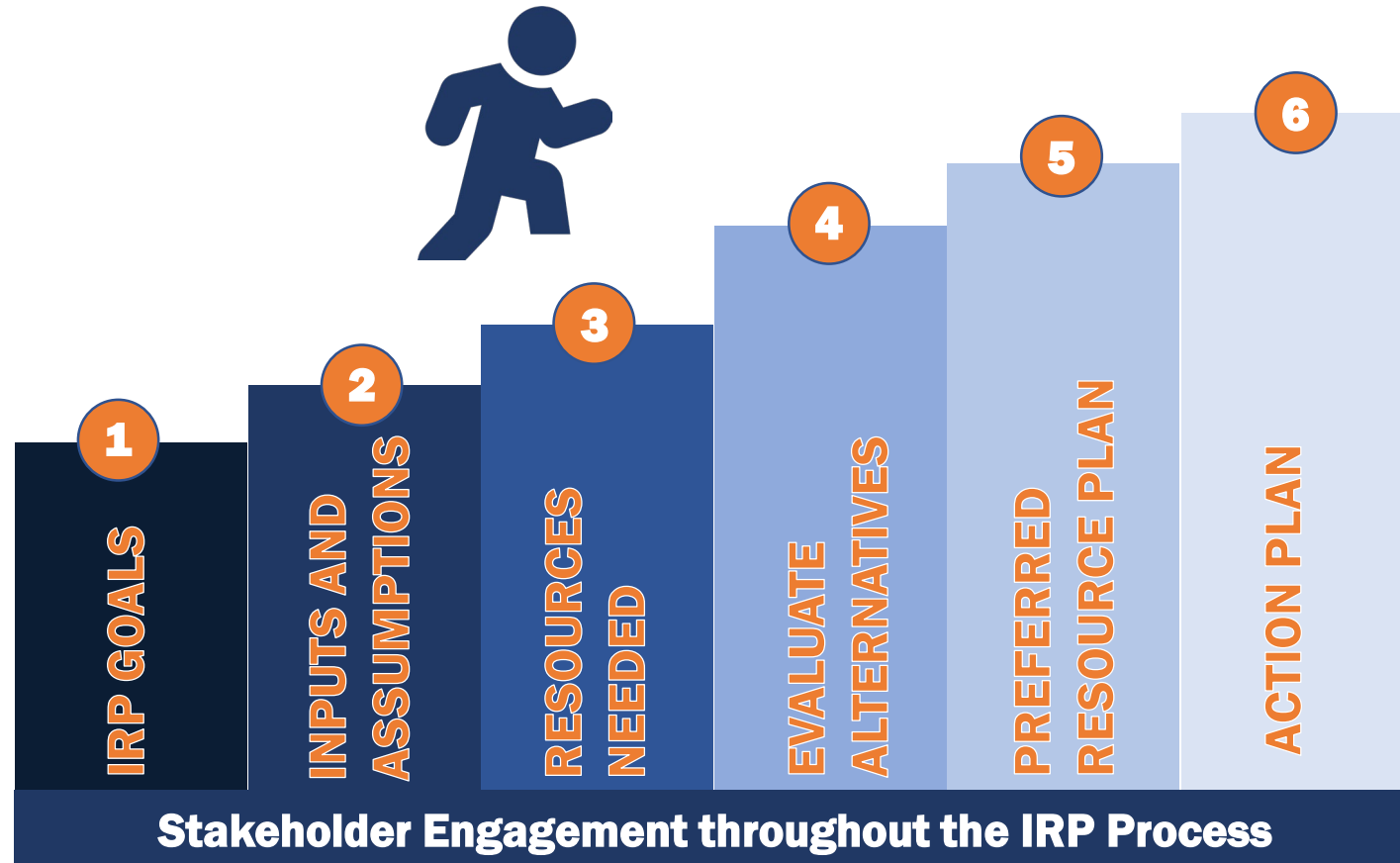
- **Feedback from Community Meeting #1**
- **Questions/Comments**

IRP Scenarios and Sensitivities



Brad Kushner
Acuity Design Group

The IRP Process



IRP Scenarios and Sensitivities

- **Used to identify robust resource plan across a range of potential futures**
- **Scenario**
 - **Consideration of changes to multiple IRP Variables simultaneously to analyze a potential future**
- **Sensitivity**
 - **Consideration of changes to one of the IRP Variables at a time within a given potential future**

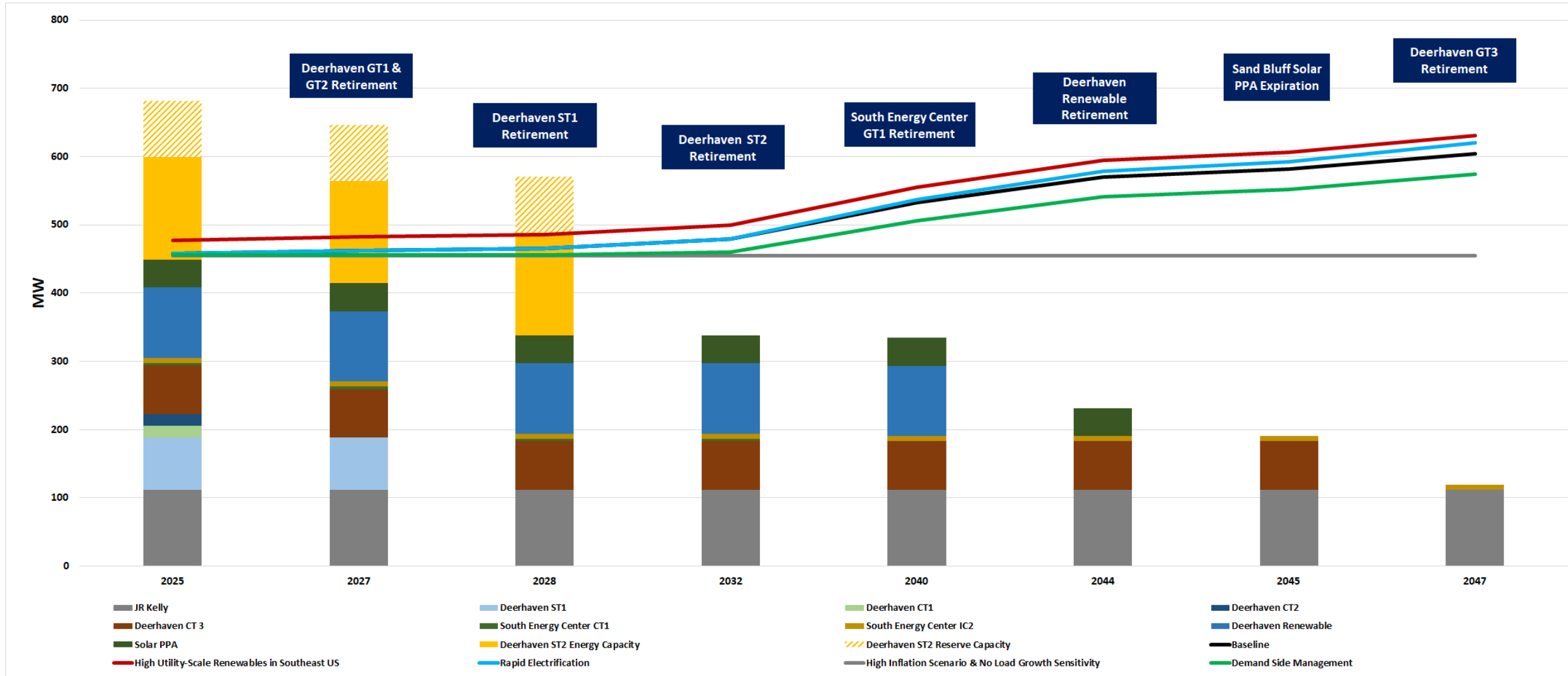
IRP Scenarios and Sensitivities

- **Examples of IRP Variables**
 - **Economic Parameters**
 - **Load Forecast**
 - **Existing and Planned Resources**
 - **Need for Capacity**
 - **Fuel Prices**
 - **New Supply-Side Resources**

IRP Scenarios and Sensitivities

Variables	Scenarios				Sensitivities (Single Variable Change to Baseline Scenario)					
	Baseline	High Utility-Scale Renewables in Southeast US	Rapid Electrification	High Inflation	Demand-Side Management	No Load Growth	Increased Import Capability	Carbon Tax	2018 Renewable Resolution	Significant CO ₂ Reductions
Inflation/Discount Rates	Base	Base	Base	High	Base	Base	Base	Base	Base	Base
Load Forecast (Peak Demand and Net Energy for Load)	Base	Base	High	No Load Growth	5% Peak/NEL Reduction	No Load Growth	Base	Base	Base	Base
Planning Reserve Margin	Base (15%)	High (20%)	Base (15%)	Base (15%)	Base (15%)	Base (15%)	Base (15%)	Base (15%)	Base (15%)	Base (15%)
Transmission Import	Base	Base	Base	Base	Base	Base	High	Base	Base	Base
Price of Off-System Power Purchases	Base	High	High	High	Base	Base	Base	Base	Base	Base
Natural Gas Prices	Base	Base	High	High	Base	Base	Base	Base	Base	Base
Cost of New NG Resources	Base	Base	High	High	Base	Base	Base	Base	Base	Base
Renewable Prices	Base	High	High	High	Base	Base	Base	Base	Base	Base
CO ₂ Emissions Targets	None	None	None	None	None	None	None	None	Net Zero CO ₂ emissions by 2045	75% CO ₂ reduction from 2005 baseline by 2045
Cost for CO ₂ Emissions	None	None	None	None	None	None	None	\$62/ton starting 2030	None	None

Need for Capacity



Open Discussion and Next Steps



Cantrece Jones
Acuity Design Group

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2023 IRP COMMUNITY MEETING SERIES



Open Discussion and Next Steps

- **Upcoming IRP Community Meetings**

- **Meeting 3 – Preliminary Modeling Results 10/19/23**

- **Meeting 4 – Refined Modeling Results and GRU's Path Forward
Presentation 1/10/24**

- **We value YOUR feedback**

Q&A

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Thank you!

For more information about the
IRP and to sign up for
notifications email us at
IRP@gru.com and visit the
website for updates
gru.com/IRP

