

Gila River Indian Community Utility Authority



QUADRENNIAL ENERGY REVIEW SECOND INSTALLMENT

**ELECTRICITY: GENERATION TO END-USE
STAKEHOLDER MEETING #3: SLAT LAKE CITY, UT**

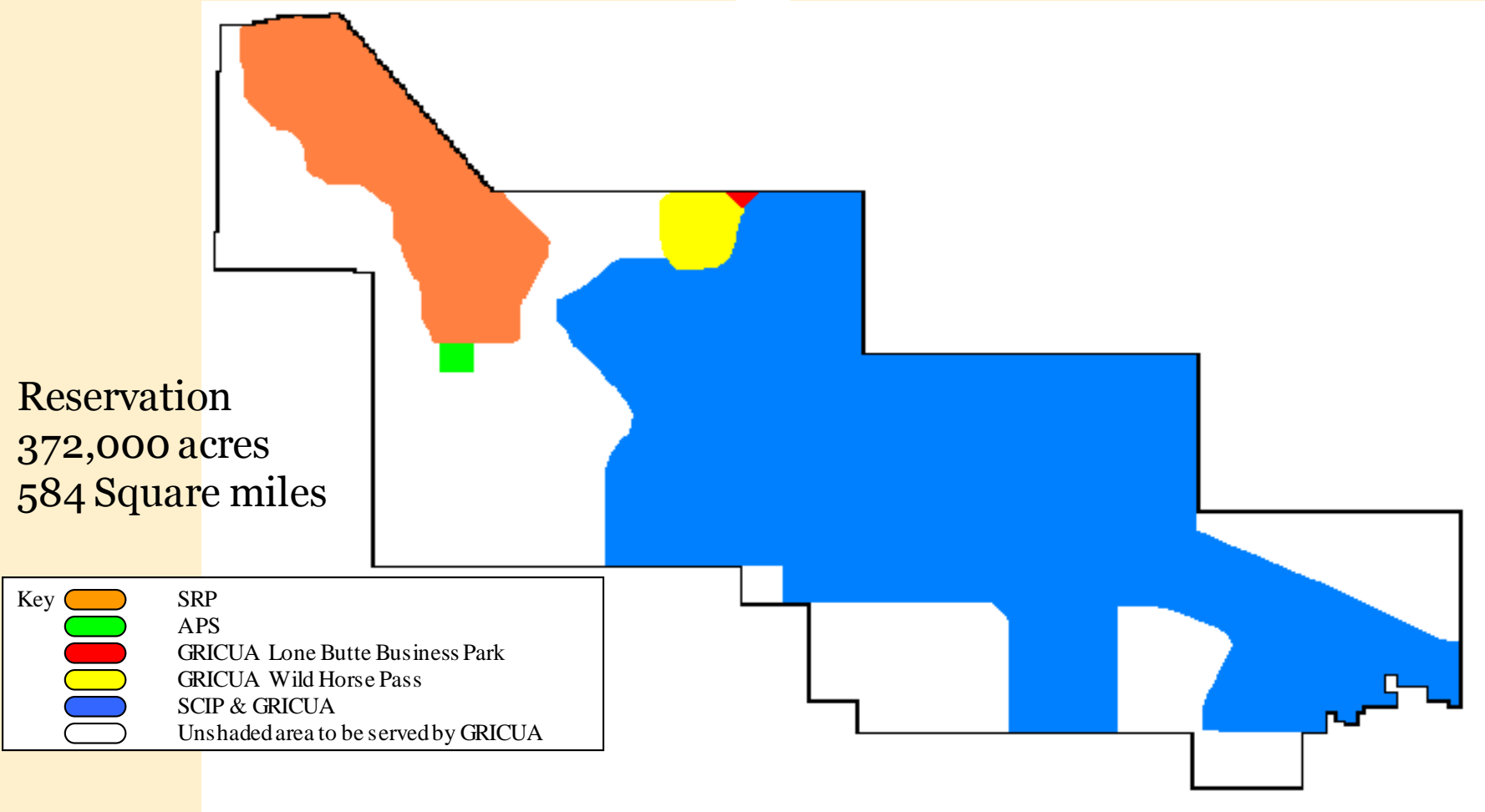
PANEL 2

**ELECTRICITY DISTRIBUTION AND END-USE:
HOW DO WE MANAGE CHALLENGES AND
OPPORTUNITIES?**

APRIL 25, 2016

Gila River Indian Community (Community)

Diagram Of Reservation Electric Service Areas



GRICUA Perspective



- Tribal Utility
- Sovereign Nation
- Regulation/Jurisdiction
 - State - No
 - FERC – Yes
- Limited customer base
- Limited influence in the power & transmission markets

Issues, Challenges & Opportunities



<u>Issues</u>	<u>Challenges</u>	<u>Opportunities</u>
Rural Service Area	<ul style="list-style-type: none"> • Long radial circuits • Low customer density • Ability for field ties 	<ul style="list-style-type: none"> • Technology
Costs	<ul style="list-style-type: none"> • Keep rates low, stable • Power 60 – 70% of budget • Investment in technology 	<ul style="list-style-type: none"> • Use of staffing & technology • Resources mix & purchases
Technology	<ul style="list-style-type: none"> • Smart metering • Web & Wireless Access & Applications 	<ul style="list-style-type: none"> • Customer portal, real time data • Pre-payment
Reliability	<ul style="list-style-type: none"> • Outage analysis • Preventive maintenance 	<ul style="list-style-type: none"> • Quicker outage restoration • Reduction Of Equipment Failure
Renewable	<ul style="list-style-type: none"> • Integration of energy/storage • No customer subsidization 	<ul style="list-style-type: none"> • Distributed & Utility Scale • Buy – Sell Policy
Power	<ul style="list-style-type: none"> • Real time/ load following scheduling • Purchases 	<ul style="list-style-type: none"> • Partnering with other utilities
Transmission	<ul style="list-style-type: none"> • Transmission dependent • Availability of delivery paths 	<ul style="list-style-type: none"> • Partnering with other utilities

GRICUA Contact Information



Leonard S. Gold, General Manager
Gila River Utility Authority
6640 W. Sundust Rd
Box 5091
Chandler, Arizona 85226-4211

Telephone: 520-796-0600

Fax: 520-796-0672

Email comments to gricuacomment@gricua.net

Visit our website at www.gricua.net