

SALT RIVER PROJECT AGRICULTURAL IMPROVEMENT AND POWER DISTRICT BOARD MEETING NOTICE AND AGENDA

JOINT MEETING OF THE BOARD OF DIRECTORS AND COUNCIL WORK STUDY SESSION

Tuesday, April 30, 2024, 9:30 AM

PERA Training and Conference Center
1 E. Continental Drive, Tempe, AZ 85288

Roll Call
Safety Minute

1. Call to OrderPRESIDENT DAVID ROUSSEAU
2. Overview of the Customer Modernization ProgramGIBS SAINT PAUL and VALERIE POMERENKE

Informational presentation to provide an overview of the Customer Modernization program and demonstrate how the execution of planned work will establish the foundation to continually improve the customer experience by providing new and personalized products, services, and interactions.

3. AdjournPRESIDENT DAVID ROUSSEAU

The Board may vote during the meeting to go into Executive Session, pursuant to A.R.S. §38-431.03 (A)(3), for the purpose of discussion or consultation for legal advice with legal counsel to the Committee on any of the matters listed on the agenda.

The Board may go into Closed Session, pursuant to A.R.S. §30-805(B), for records and proceedings relating to competitive activity, including trade secrets or privileged or confidential commercial or financial information.

Visitors: The public has the option to attend in-person or observe via Zoom and may receive teleconference information by contacting the Corporate Secretary's Office at (602) 236-4398. If attending in-person, all property in your possession, including purses, briefcases, packages, or containers, will be subject to inspection.



THE NEXT JOINT MEETING OF THE BOARD OF DIRECTORS AND COUNCIL WORK STUDY SESSION IS SCHEDULED FOR THURSDAY JUNE 6, 2024

04/23/2024

Safety Minute

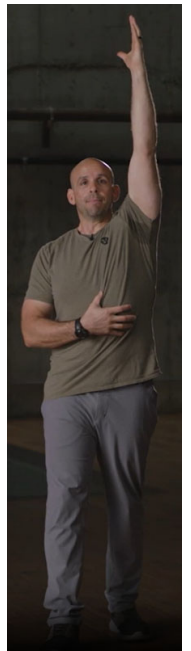
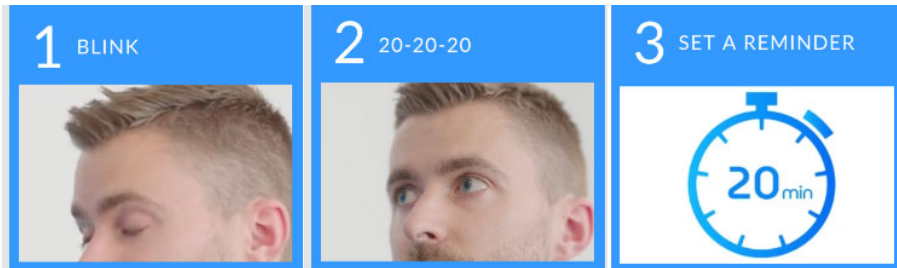


Sara McCoy

Director Risk Management

Movement for Better Health

- Preventing Eye Strain: 20 – 20 – 20 rule and remember to blink
 - Every 20 minutes, take 20 seconds to focus on something 20 feet away
- Better Body Positioning: at a desk
 - Joints at 90-degree angles – elbows, hips, knees
- Find an Opportunity to Move: at least every hour
 - Get up and move, or move in your seat



Benefits of Modernizing the Customer Experience

- Creates a more personalized and efficient customer experience
- Enhanced tool will equip our team to better assist customers
- Modern architecture will allow SRP to more quickly respond to evolving customer expectations
- Improved data accuracy and availability will drive informed choices
- Transitioning to an enterprise platform like SAP streamlines system enhancements and upgrades
- New customer options and programs can be introduced faster increasing speed to market
- Increased ability to safeguard customer privacy and reduce cybersecurity risks
- Standardized business processes and simplified user experience

SRP's initiative dedicated to modernizing the customer experience

The Customer Modernization program will replace SRP's current customer information system (PHOENIX) and 31 other systems along with transforming business processes by the target go-live date of October 2026.

2035 GOALS

- Continually improve the customer experience, satisfaction and loyalty.
- Personalize the customer experience by providing segment-specific products, services and communications

Customer Modernization Program: Vision and Guiding Principles

Program Vision



CUSTOMER MODERNIZATION PROGRAM VISION

We will provide an exceptional customer and team member experience by delivering an integrated solution that makes it easier to anticipate, adapt and respond to evolving customer needs.

Program Objectives



ABILITY TO MORE EASILY ADAPT TO CUSTOMER EXPECTATIONS



MORE DATA-DRIVEN DECISIONS AND INSIGHTS



TEAM MEMBERS ARE BETTER EQUIPPED TO ASSIST CUSTOMERS



A MORE FLEXIBLE AND SUSTAINABLE PLATFORM

CUSTOMER INFORMATION SYSTEMS BY THE NUMBERS


1.1 MILLION
residential and commercial retail customers supported


28,000
power turn-ons each month

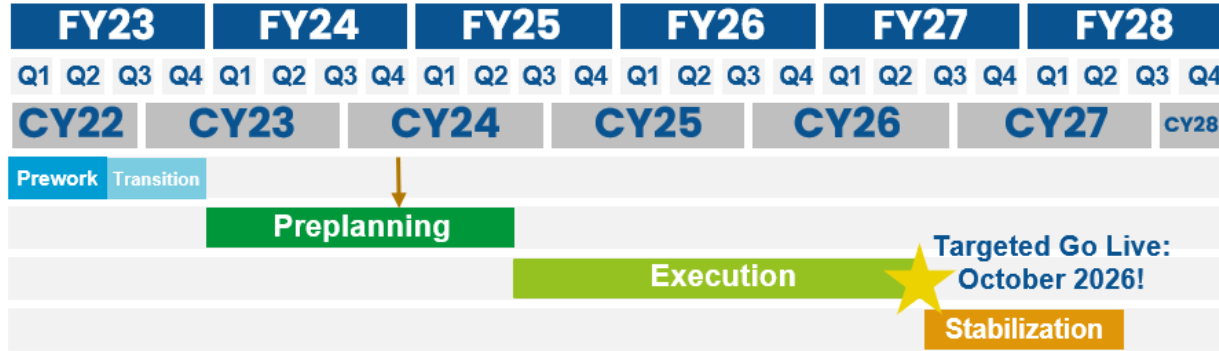

450
primary system users


85%-90%
of total operating revenue at SRP

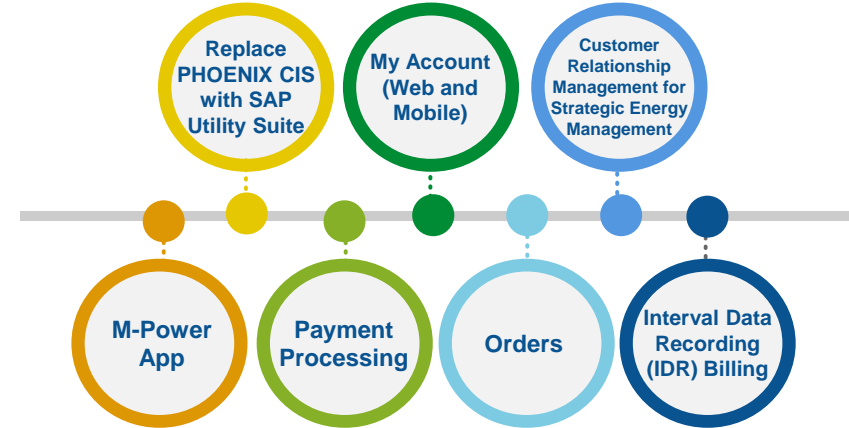

85%
of calls answered in 30 seconds or less


\$250M
average collected each month

High-Level Program Timeline



High-Level Program Scope



PHOENIX Challenges

- Outdated technology** restricts our ability to offer a wide range of services, preventing us from preparing for future customer needs.
- Complicated system landscape** and architecture makes maintenance and upgrades cumbersome and lengthy.
- The required skills to support the system are scarce** and maintaining this system poses many challenges.
- In the current environment, **team members perform manual processes** to perform routine work.
- Customer relationship management and **customer experience limited by system constraints.**

Key Takeaways



SRP is a leader in customer service because of our team members and robust systems. Our system landscape is impacted by an aging and complex Customer Information System (CIS).



Customer Modernization will replace SRP's current CIS (PHOENIX) and 31 other systems along with transforming business processes.



SRP needs to modernize to:

- Support required data driven analysis
- Offer future integrated programs
- Provide a more complete view of customer contacts
- Reduce risk of aging systems

Customer Modernization

Gibs Saint Paul & Valerie Pomerence | April 30, 2024

Work-Study Session Kickoff



Jim Pratt

General Manager & Chief Executive Officer

SRP Customer Modernization Team



Gibe Saint Paul

Director Customer Modernization



Valerie Pomeranke

Director Customer Modernization

Key Takeaways



SRP is a leader in customer service because of our team members and robust systems. Our system landscape is impacted by an aging and complex Customer Information System (CIS).



Customer Modernization will replace SRP's current CIS (PHOENIX) and 31 other systems along with transforming business processes by the target go-live date of October 2026.

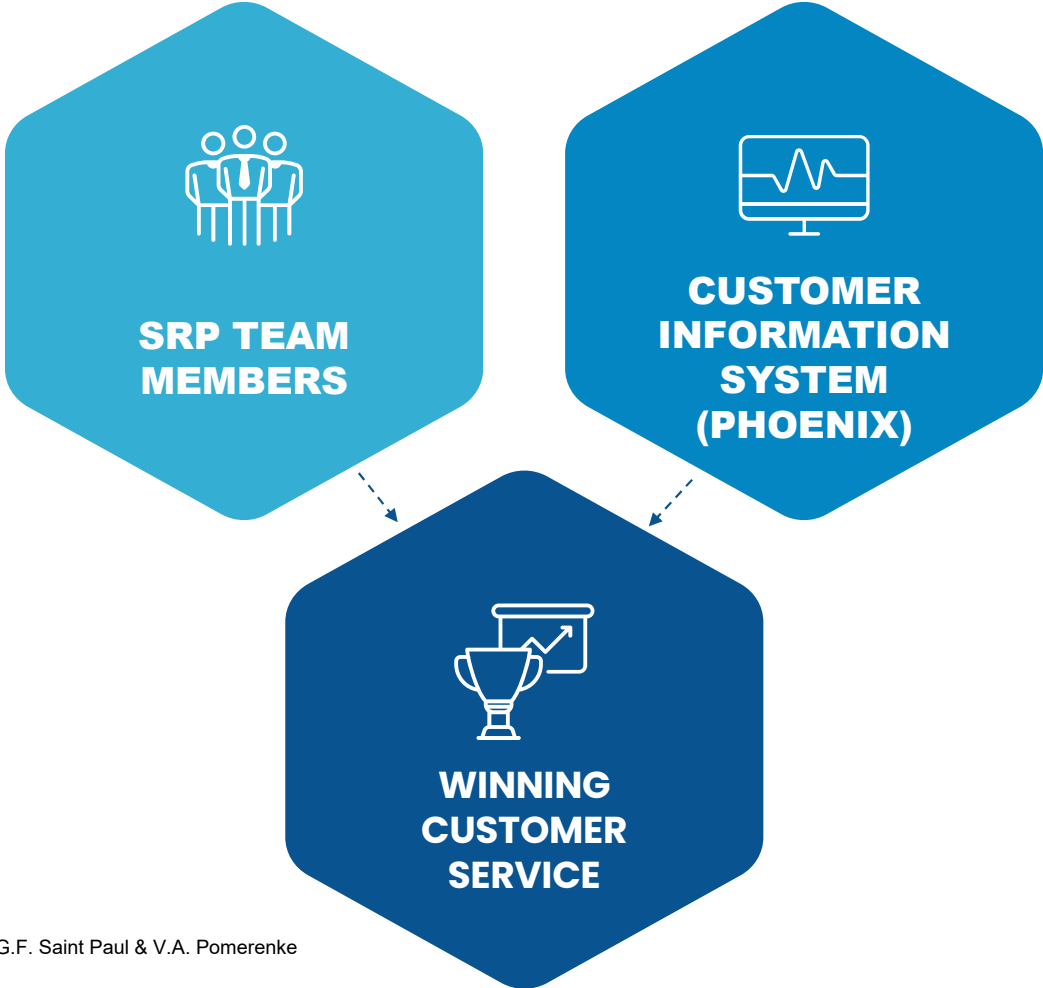


SRP needs to modernize to:

- Support required data driven analysis
- Offer future integrated programs
- Provide a more complete view of customer contacts
- Reduce risk of aging systems



Customer Success Components






J.D. Power

- Ranked **1st 24 times** in customer satisfaction for residential customers
- Ranked **1st 15 times** in customer satisfaction for business customers
- These mark SRP's **53rd award** in the **25 years**

Forrester's Utility Rankings

Forrester's US Customer Satisfaction Rankings


2023 Satisfaction Score And Industry Rank

Utilities 

RANK		BRAND	CSAT SCORE (%)	
2023	2022		2023	2022
1 ▲	5	SRP ★	66%	62%
2 ▼	1	Avista Utilities	66%	68%
3 –	3	Portland General Electric Company (PGE)	64%	64%
4 ▲	6	Georgia Power	61%	61%
5 ▼	2	Alabama Power	60%*	65%
6 ▲	14	Xcel Energy — Minnesota	60%	56%
7 ▲	10	Alliant Energy	59%	59%
8 ▼	4	NiSource	59%	63%
9 –	9	Florida Power & Light Company (FPL)	57%	59%
10 ▲	13	Duke Energy Carolinas	56%	57%
11 –	11	We Energies	55%	58%
12 ▼	8	Baltimore Gas and Electric Company (BGE)	54%*	60%
		Industry average	54%*	56%
13 ▼	12	PECO Energy Company	52%*	58%

Forrester's US Net Promoter Rankings


2023 Net Promoter Score™ And Industry Rank

Utilities 

RANK		BRAND	NPS	
2023	2022		2023	2022
1 ▲	5	SRP ★	32.0*	22.2
2 –	2	Alabama Power	23.6	25.9
3 ▲	4	NiSource	23.4	22.2
4 ▼	3	Portland General Electric Company (PGE)	21.4	23.0
5 ▼	1	Avista Utilities	21.1*	28.5
6 –	6	Georgia Power	18.9	19.7
7 ▲	14	Xcel Energy — Minnesota	12.3	8.2
8 ▲	10	Alliant Energy	10.4	15.8
9 ▼	8	Florida Power & Light Company (FPL)	7.6*	18.2
10 ▼	9	Baltimore Gas and Electric Company (BGE)	6.1*	17.9
		Industry average	3.0*	8.4
11 –	11	We Energies	1.4*	11.4
12 –	12	PECO Energy Company	1.2*	10.9
13 –	13	Entergy Louisiana	0.2*	10.3

Forrester's CX (Customer Experience) Rankings

CXINDEX

Utilities 

RANK		BRAND	PERFORMANCE	
2023	2022		2023	2022
1 ▲	2	SRP ★	72.4	71.1
2 ▲	5	Georgia Power	70.1	69.7
3 ▲	4	Avista Utilities	69.7	70.1
4 ▼	3	Portland General Electric Company (PGE)	69.2	70.7
5 ▼	1	Alabama Power	68.4*	71.3
6 ▲	13	Xcel Energy — Minnesota	66.5	65.7
7 ▼	6	NiSource	66.2	68.1
8 ▲	9	Alliant Energy	66.1	67.2
9 ▼	8	Florida Power & Light Company (FPL)	65.6	67.7
10 ▲	15	We Energies	63.9	64.5
11 ▲	12	Duke Energy Carolinas	63.8*	67.0
		Industry average	63.4*	65.2
12 ▼	10	PECO Energy Company	63.2*	67.1
13 ▼	11	Baltimore Gas and Electric Company (BGE)	62.4*	67.1

Leading Programs



M-POWER PREPAY PROGRAM

- Largest prepay program in the nation
- 150,587 residential accounts
- 202 commercial accounts

M-Power users report ease of use, convenience and hassle-free experience as top satisfaction drivers



TIME OF USE (TOU)

- Price plan with “on peak” and “off peak” hours allowing customers to shift energy for lower costs

Not offered by all utilities, SRP has provided TOU as an option to customers since the 1980s



BUDGET BILLING

- Averages energy costs over the year
- 153,528 participants
- 15% of SRP customers

JD Power payment and billing best practice - SRP ranks first for Billing & Payment (score 845)

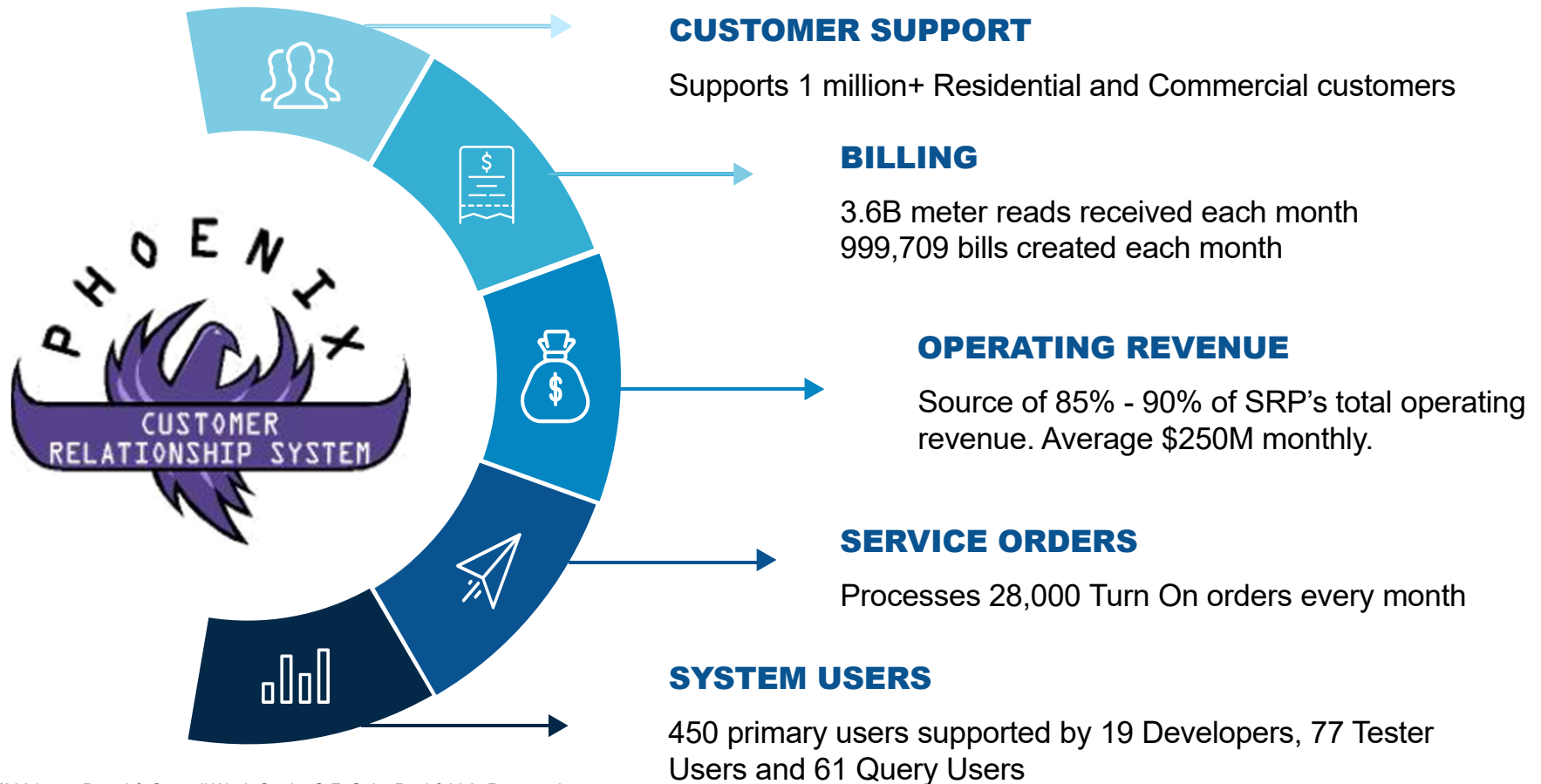


CUSTOM DUE DATE (CDD)

- Customers choose a due date between the 1st and the 28th of each month
- 696,462 participants
- 60% of SRP customers

Customers can update their preferred CDD with a call center rep or online via the customer portal

SRP Critical System



PHOENIX CIS History

PHOENIX Go Live

With 2000 programs, 367 screens and 45 interfacing systems



Smart Meter Updates

Updates to post reads to PHOENIX and meter data repository database



MPower Automation

Upgraded Back Office systems to eliminate manual and dual entry



System Integration

Outage Management System integration and Diamond Billing Engine Enhancement



Automation

Order Completion and Distributed Generation Net Billing automation



Consolidate Billing Systems

Consolidate Billing Expert and Streetlights into PHOENIX



Next Generation Prepay

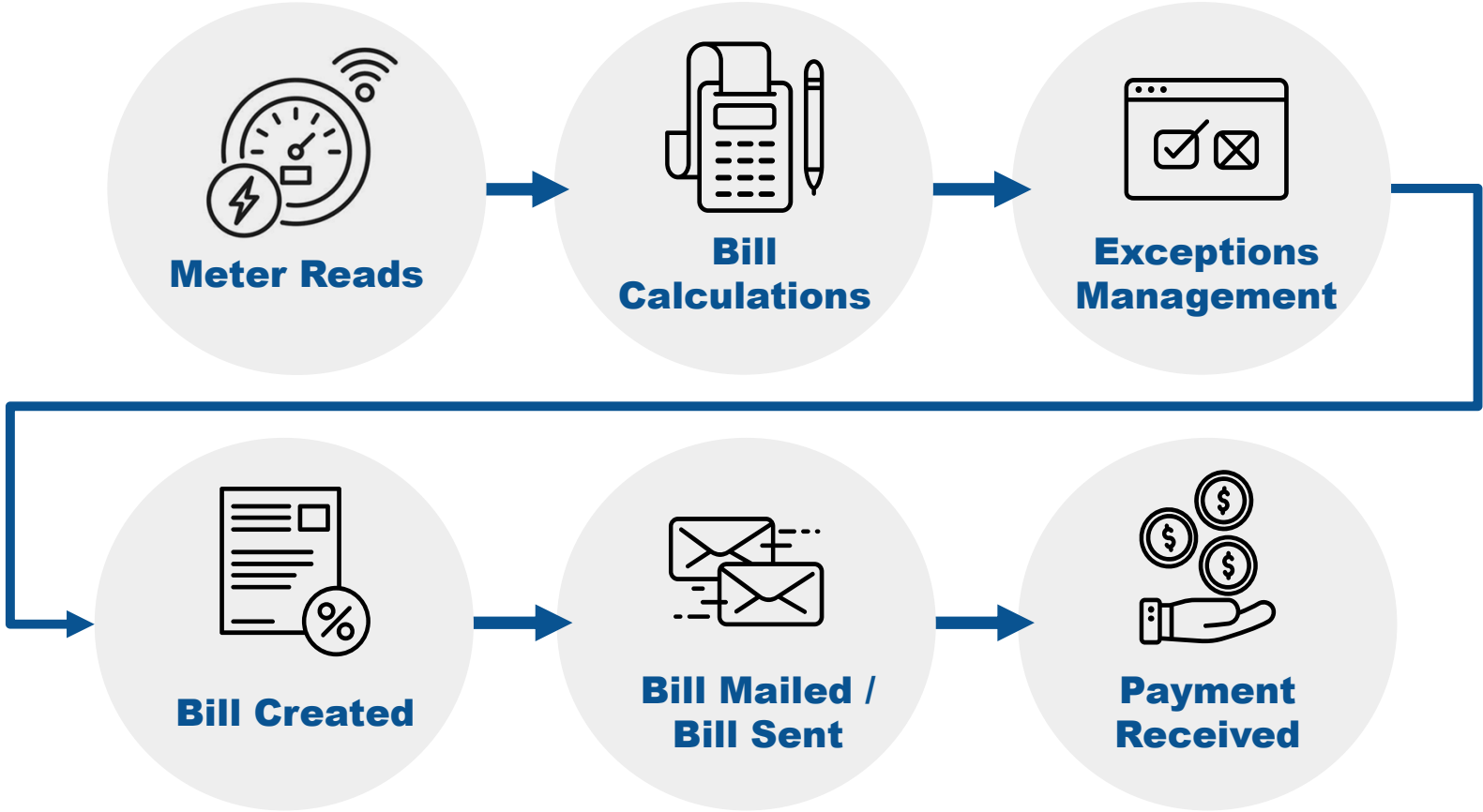
Enable remote operations and over the air payments



PHOENIX Functions & Features



Meter to Cash Process



Meter History

2004	Smart Meter Deployment Begins - Honeywell (Elster)
2005	M-Power: AMPY Prepay Begins
2013	Honeywell Smart Meter Deployment Finished
2014	2 nd Generation Smart Meter Deployment Begins - Landis+Gyr
2014	M-Power: AMPY 52B Smart Meter
TBD	<i>Future Advanced Metering Deployment</i>



Elster Rex



L&G Focus

Total Meter Counts - 2023

Elster EnergyAxis 138,954

Landis+Gyr 878,486

AMS - Prepay 207,758

ION - Industrial 464



AMPY Prepay

Day in the Life – Billing

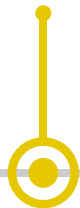
Before Start of Workday

- Meter Reads
- System Batch
- Create Bills
- Print Bills at Doxim (6AM)



9AM

- Rate Verification (20-25 Accounts / day)
- Bill Validation (140 accounts / day)



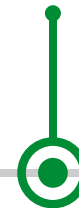
By 1PM

- Review, edit (*if needed*) and release pulled bills
- 400 bills / day



By 6PM

Any other bills to be mailed are manually printed, inserted and placed in mail




Throughout the Day

- Reports
- Billing Exceptions
- Research
- Special Projects




Bill Examples – Residential



srpnet.com 602-236-8888

JOAN CUSTOMER
1234 W TEST ST CHANDLER
EZ-3 Plan (3-6pm)

ENERGY HISTORY (kWh)



COMPARISON (Daily Averages)

Days	kWh	Cost	Temp
Mar 2024	31	\$4.71	62.9°
Feb 2024	29	\$4.17	60.0°
Mar 2023	31	\$4.08	60.1°

Meter # Type Current Read Prior Read Energy

4154061	On Pk kWh	01868	01817	51
	Off Pk kWh	44940	43787	1,153
	Total kWh			1,204

SurePay Date **Apr 8, 2024** Account# 580-651-007
\$150.98

SERVICE FROM 2/26/2024 - 3/27/2024 (31 Days)

YOUR ACCOUNT SUMMARY AS OF 3/29/2024

Previous Balance	\$120.89
3/8 SurePay Payment - Thank you	-\$125.89
3/8 Your SHARE Contribution	\$5.00
Balance Before Charges	\$0.00
Monthly Service Charge	\$20.00
On Peak Energy Charge	\$6.41
Off Peak Energy Charge	\$107.46
Chandler City Tax	\$3.68
County and State Tax	\$8.43
Your SHARE Pledge	\$5.00
This Month's Charges	\$150.98
PLEASE PAY	\$150.98

MESSAGES FOR YOU

- ✓ If you are having trouble paying your bill, we have programs and resources that may help you. Our team is available 24/7 at (602) 236-8888 or visit srpnet.com/heretohelp.
- ✓ You saved \$3.97 this month on the EZ-3 Plan. Savings for the last 12 months are \$339.11.
- ✓ Thank you for your SHARE contribution.

SurePay Date **Apr 8, 2024** **\$150.98**


Payment will be withdrawn from your account on or after Apr 8, 2024

Account# 580-651-007

4204257
JOAN CUSTOMER
1234 W TEST ST
CHANDLER AZ 85224-7834

2951580651007000001509800000150982

Sample Printed Bill



Dear Joan,

Your SRP electric bill at 1234 W TEST ST is ready to view online. Your SRP SurePay payment of **\$150.98** will be automatically deducted from your bank account on or after **4/8/2024**. You **saved \$3.97** this month on the EZ3 Plan. **Savings** for the last 12 months are **\$339.11**. Below are the highlights of your bill.

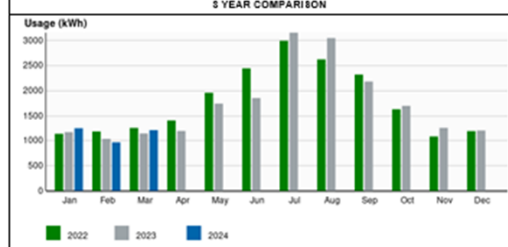
Amount to be withdrawn: \$150.98

SurePay withdrawal date: 4/8/2024

[View my bill](#)

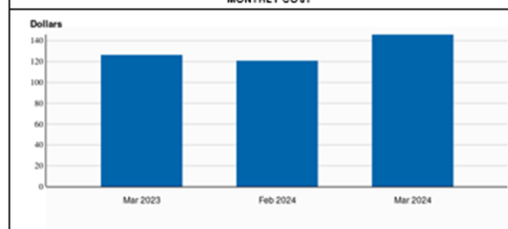
3 YEAR COMPARISON

Usage (kWh)



MONTHLY COST

Dollars



Sample eNote Bill

DAILY COMPARISON

Usage (kWh) Avg Temp (°F)



Contact Newsletter

EV smart charger rebates available **Cash in on our new efficient home rebate**

Attention electric vehicle (EV) owners! Charging an EV at home is easier than you might think. If you have been using a Level 1 charger, it might be time to upgrade and take advantage of our \$250 rebate on a Level 2 smart charger. That's a discount of more than 30%! See all the details in the Contact newsletter!

[Read Contact](#) [Learn more](#)

Thank you for being a valued SRP customer.

We are here for you 24 hours a day, seven days a week at **(802) 236-8888**.

SRP Customer Services

Find us on: 

[Link to SRP's Website](#) / [SRP's Facebook Page](#)

Billing at a Glance

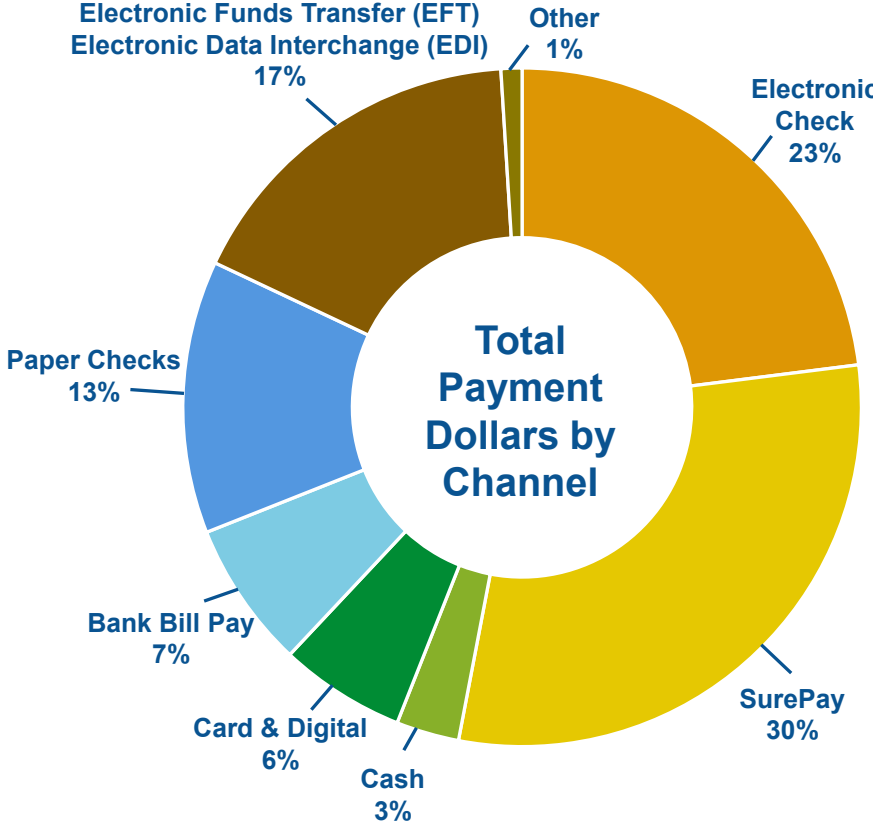
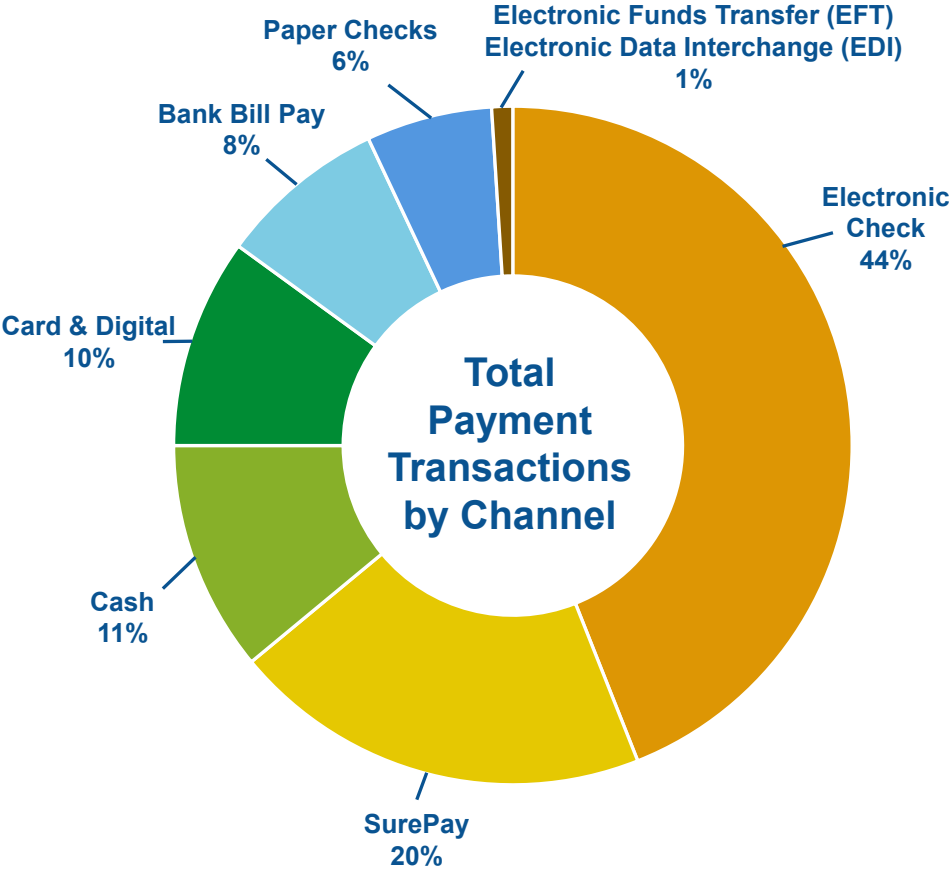
2023 Total – Print Bills

Commercial	English	550,820
	Spanish	9,632
Residential	English	5,085,094
	Spanish	408,824
Total		6,054,370

2023 Total – E-Bills

Commercial	English	684,973
	Spanish	1,624
Residential	English	5,208,740
	Spanish	46,795
Total		5,942,132

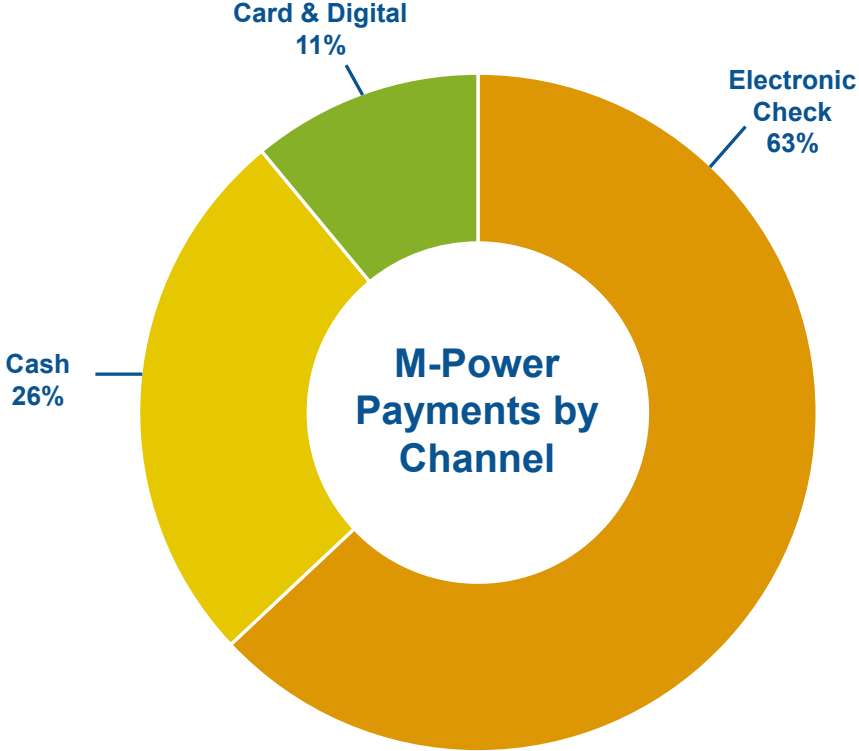
Payment Channel Totals – FY23

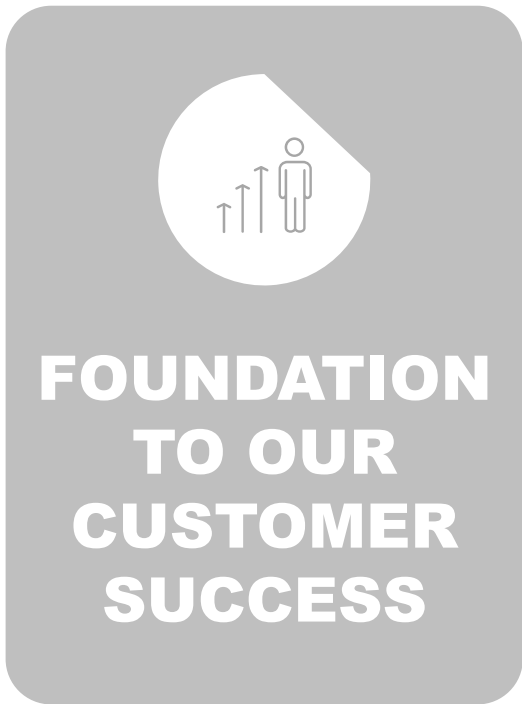


Prepay Payment Channel Totals – FY23

PREPAY DETAILS

- 150,587 residential accounts
- 202 commercial accounts
- 13% of SRP customers





PHOENIX Challenges



Pricing Systems and Process Impacts

At a minimum, the following systems, processes and departments are impacted with pricing changes:

PHOENIX CIS	Meter Inventory System (MIS)	Back Office Online Work Tool (BOOWT)	AMPY Management System (AMS)	Conversational Internal Voice Routing (CIVR)	Command Center
COSMIC – VxField	Data Lake	Elster / Honeywell (EA_MS)	InfoArchive	My Account (Web, Mobile, Notifications)	Meter Data Management System (MDMS)
Meter Engineering & Testing Services (METS)	Meter Operations	MV90 / Spatia	Orders / Rate Change	Robotic Process Automation (RPA)	SRPnet.com
Billing, Bill Print & Messaging, Intuition Designer	Truck Rolls	Strategic Energy Management (SEM) Microsoft Dynamics	Smart Meter Opt Out Process (SMOOP)	Order Automation	Marketing Communications

Impacts and Magnitude of Upcoming Change



People

- Knowledge
- Organization Structure and Reporting
- Roles and Responsibilities
- Decision Owners / Makers
- Skills and Mindset
- Order and Frequency of Activities
- Performance Expectations and Metrics



Process and Procedures

- Processes
- Process Steps
- Process Dependencies
- Process Documentation and Maintenance
- Procedures
- Policies
- Governance and Controls



Technology

- New solution
- New environments
- New interfaces
- System functionality and features
- Data inputs
- System support

Customer Modernization will impact ALL AGM areas

Identified potential change impacts that span 7 of 9 AGM areas:

Customer Operations

Financial & Information Services

Community, Communications & Marketing

Power System

Water Stewardship

Public Affairs & Corporate Services

Planning, Strategy & Sustainability

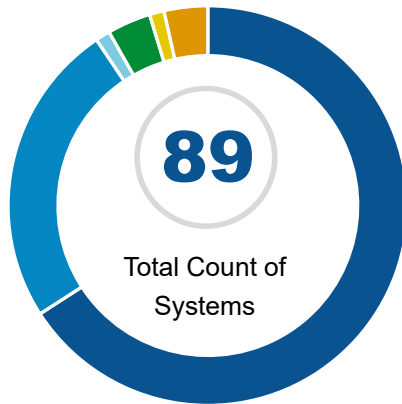
Determined partnership needed with remaining 2 AGM areas to execute program objectives:

Human Resources

Law, Land & Risk Management

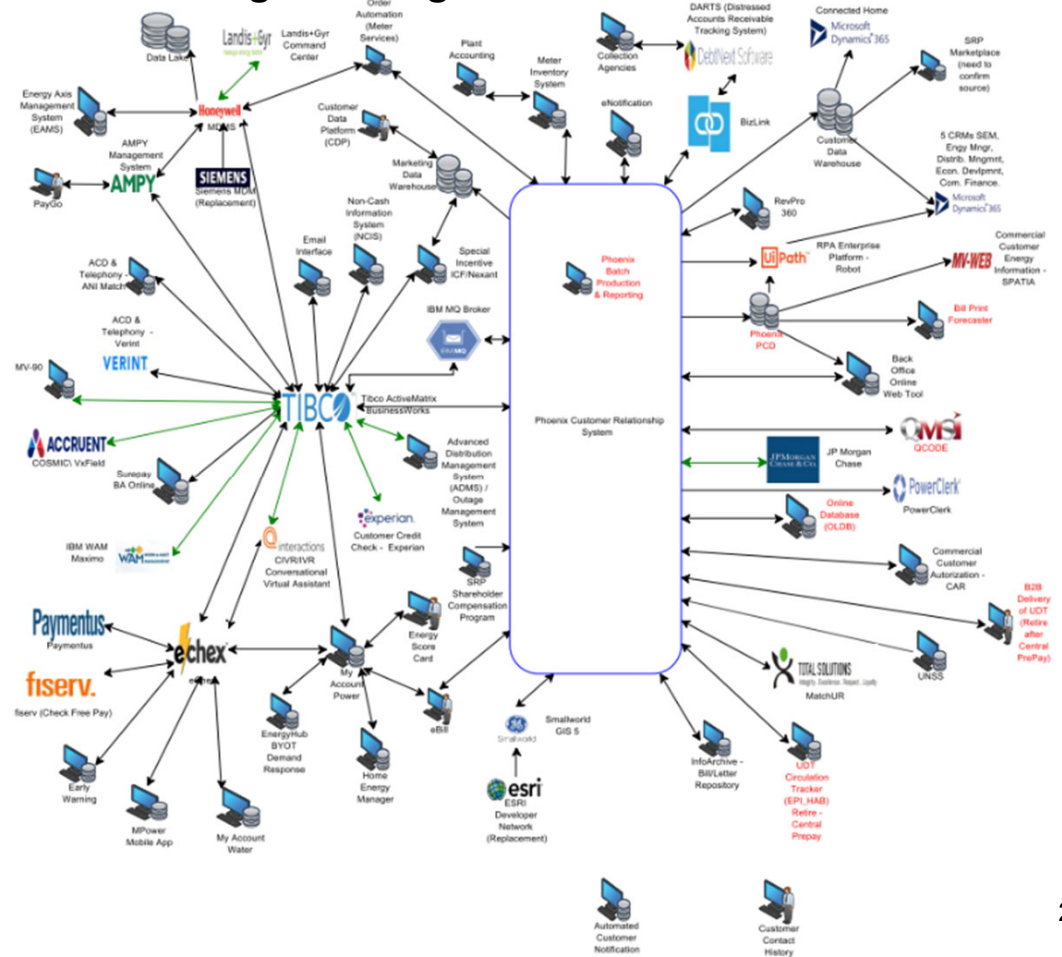
High-Level Customer Systems Scopes

Phoenix Edge Catalog Edge Systems



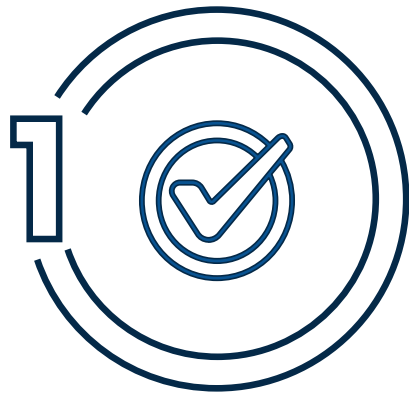
- 56** Retain System
- 21** Replace by SAP CIS
- 1** Work In Progress
- 7** Replace by Other Solution
- 1** Retain & Rebuild
- 3** Retire System

Phoenix Edge Catalog *Draft Model*



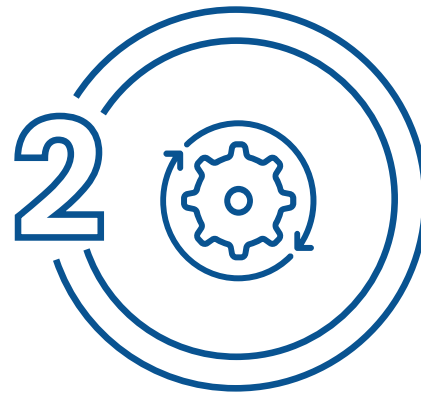
System Code Freeze Will Impact Other Work

The purpose of a code freeze is to help guarantee the solution is ready to be released. SRP systems and initiatives will be impacted to ensure the following for Customer Modernization:



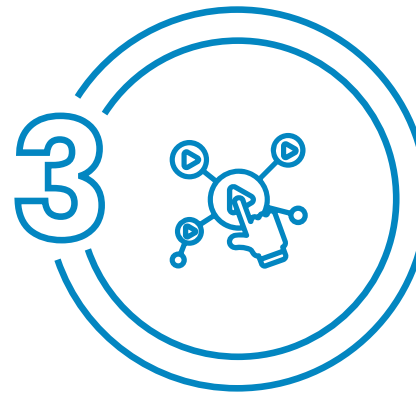
STABILITY

Allows for a period of evaluation, reducing the likelihood of unexpected bugs or system failures.



RISK REDUCTION

Ensures that the current functionality operates reliably, mitigating the risk of introducing new vulnerabilities.




DEPENDENCY MANAGEMENT

Enables better control, reducing potential for conflicts or compatibility issues that may arise when introducing new code changes.



RELEASE PREPARATION

Opportunity to conduct comprehensive testing, perform code reviews and finalize documentation.



**FOUNDATION
TO OUR
CUSTOMER
SUCCESS**

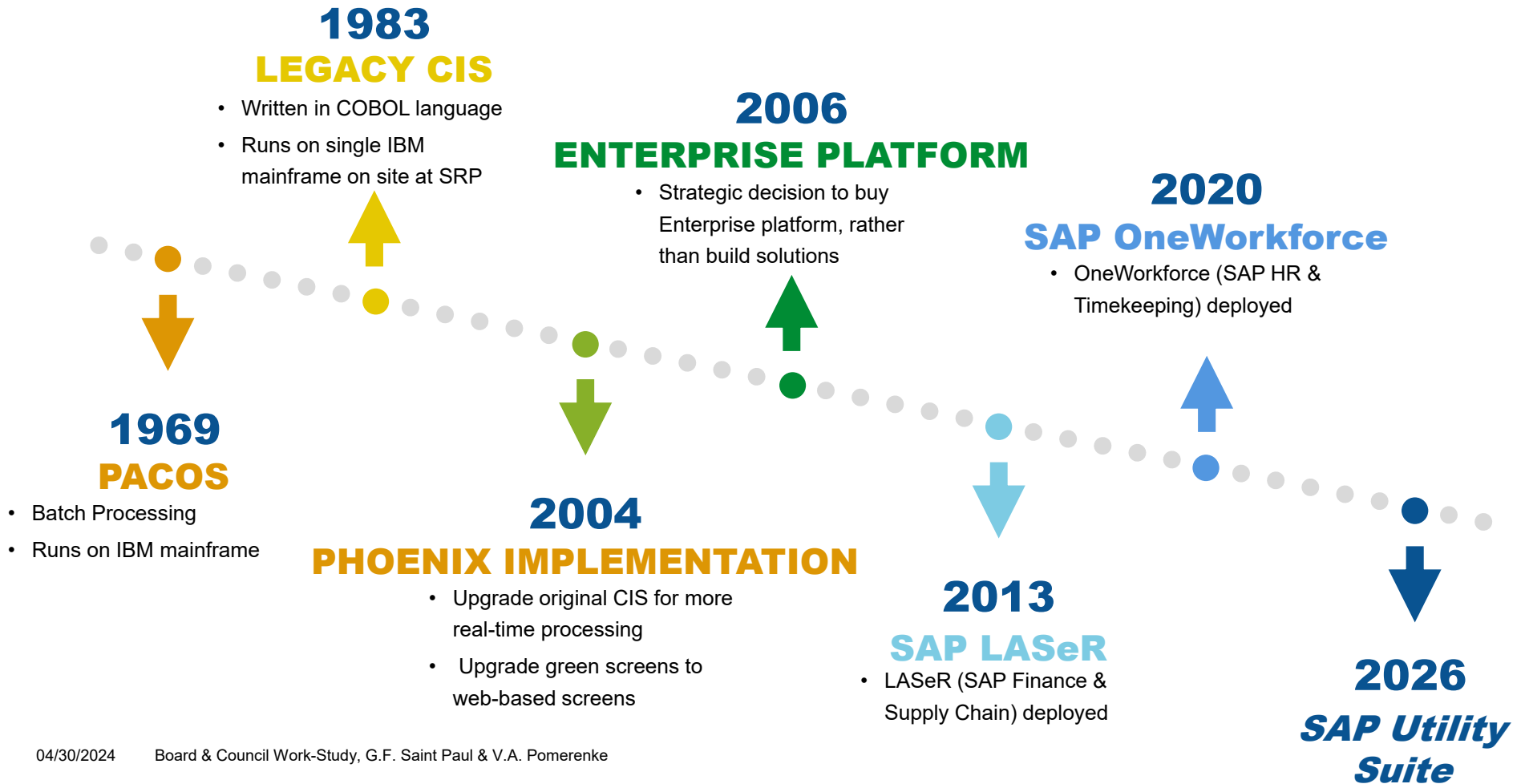


**SYSTEM
COMPLEXITY**



**UNLOCKING
NEW
CAPABILITIES**

Legacy to SAP Transition

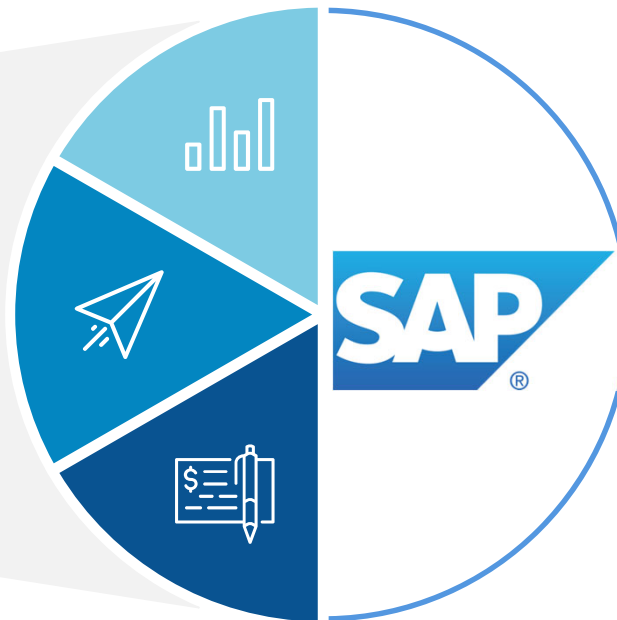


SAP Utility Suite

CIS CURRENT STATE



SAP UTILITY SUITE



SYSTEM BENEFITS

CUSTOMER EXPERIENCE

Speed to delivery and modern experiences

RISK MITIGATION

Manage Platform and Project Risk

SYSTEM MATURITY

Maturity of product and platform for utilities

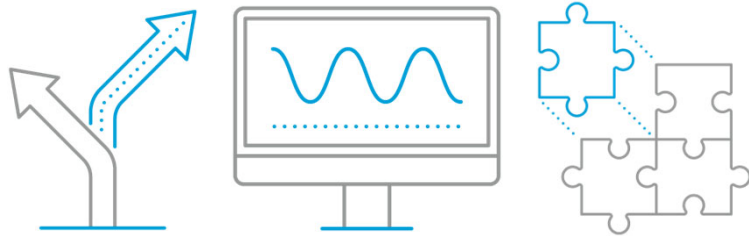
APPLICATION SUPPORT

Access to application support from leading software producer

SYSTEM PERFORMANCE

Service Level Agreement and Response Time Performance

Customer Modernization Program Overview



Customer Modernization is the program dedicated to modernizing SRP's customer experience.

- Implementing new Customer Information System (CIS)
- **SAP Utility Suite** will replace **PHOENIX CIS**
- Impacts supporting systems and business processes
- Foundational change for the customer experience
- Designing with the employee experience in mind

2023 -2026

Multiyear program to implement a new CIS and transform the customer experience.

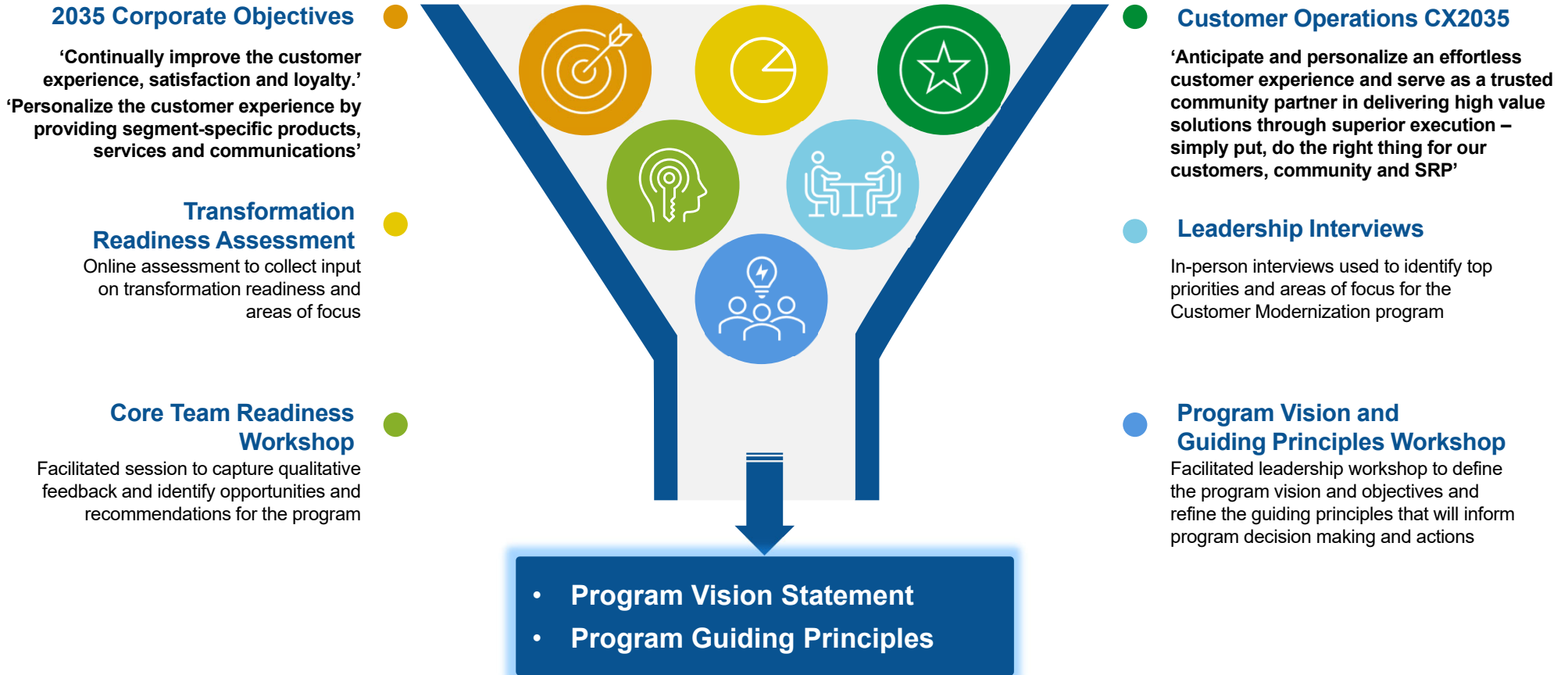
SAP Utility Suite

Implementing SAP Enterprise Platform as new CIS.

Transformational Change

Impacts SRP's over one million Power customers and requires a OneSRP approach to succeed.

Inputs into Program Vision, Objectives and Guiding Principles





Delivering water and power®

CUSTOMER MODERNIZATION PROGRAM VISION

We will provide an exceptional customer and team member experience by delivering an integrated solution that makes it easier to anticipate, adapt and respond to evolving customer needs.

Program Objectives



**ABILITY TO MORE EASILY
ADAPT TO CUSTOMER
EXPECTATIONS**



**MORE DATA-DRIVEN
DECISIONS AND
INSIGHTS**

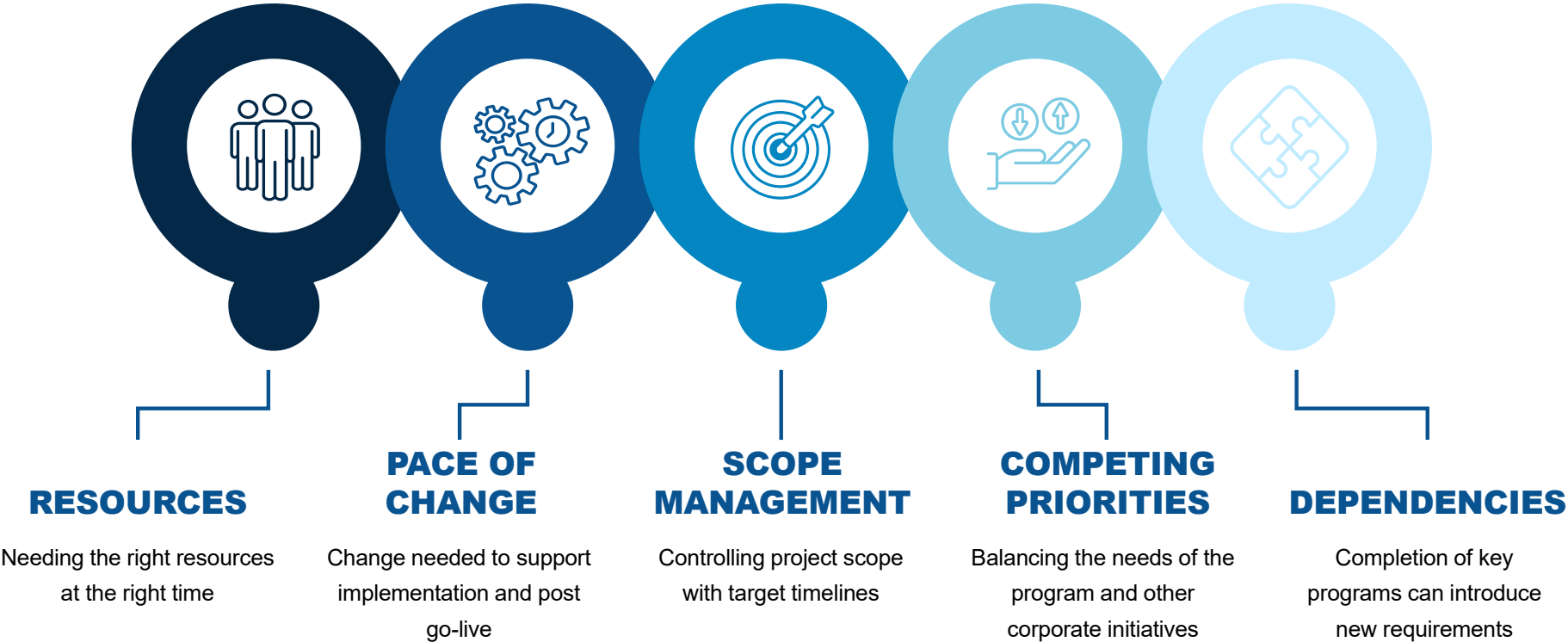


**TEAM MEMBERS ARE
BETTER EQUIPPED TO
ASSIST CUSTOMERS**



**A MORE FLEXIBLE
AND SUSTAINABLE
PLATFORM**

Program Risks and Considerations

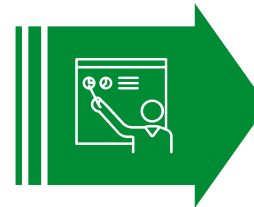


Program Risk Mitigation



PEER UTILITIES

Facilitated discussion with peer utilities focusing on experiences with program execution and operations.



PREP FOR CHANGE

Performing a high-level change impact assessment and creating an action plan to address identified gaps.



PREWORK

Dedicated work to align SRP corporate goals to program objectives ahead of program execution.



SET FOUNDATION

Establish program governance structure and detail out team practices, norms, behaviors and templates.



STRATEGIC ADVISORS

Engaging vendors with a smaller engagement to identify requirements and build SRP resilience for implementation.



EVALUATION SUPPORT

Collaborating with vendors to assist in the evaluation and execution of software and services.

Program Partners

- ✓ Peer Utilities
- Request For Proposal (RFP) Support
- Staff Augmentation Guidance
- Systems Integrator
- Business Integrator
- Project Management Office (PMO)
- Controls & Compliance
- Quality Assurance
- SAP Services



Peer Review Learnings – Executive Summary

LEADERSHIP ENGAGEMENT

STAFFING



- Requires high performing team members join program
- Staff augmentation required *pre* and *post* go-live

ORGANIZATIONAL CHANGE MANAGEMENT

SOLUTION DESIGN



- Focus on adopting SAP processes and limiting customizations
- Operational & Customer Experience Change Impacts

OPERATIONAL READINESS



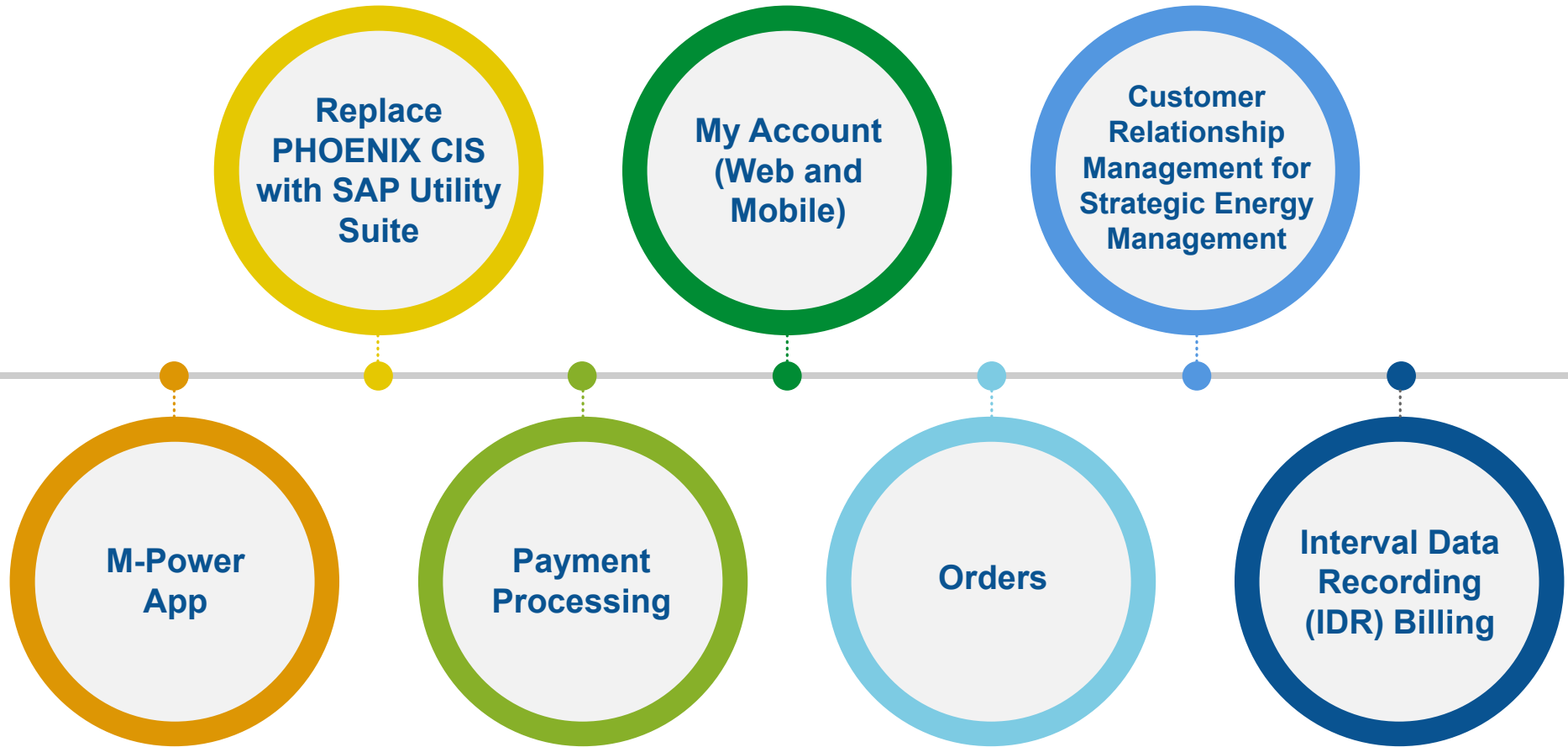
- Plans for backlog reduction, business cut over, and phased restart plans
- Metrics and targets needed to measure operational effectiveness

IMPLEMENTATION

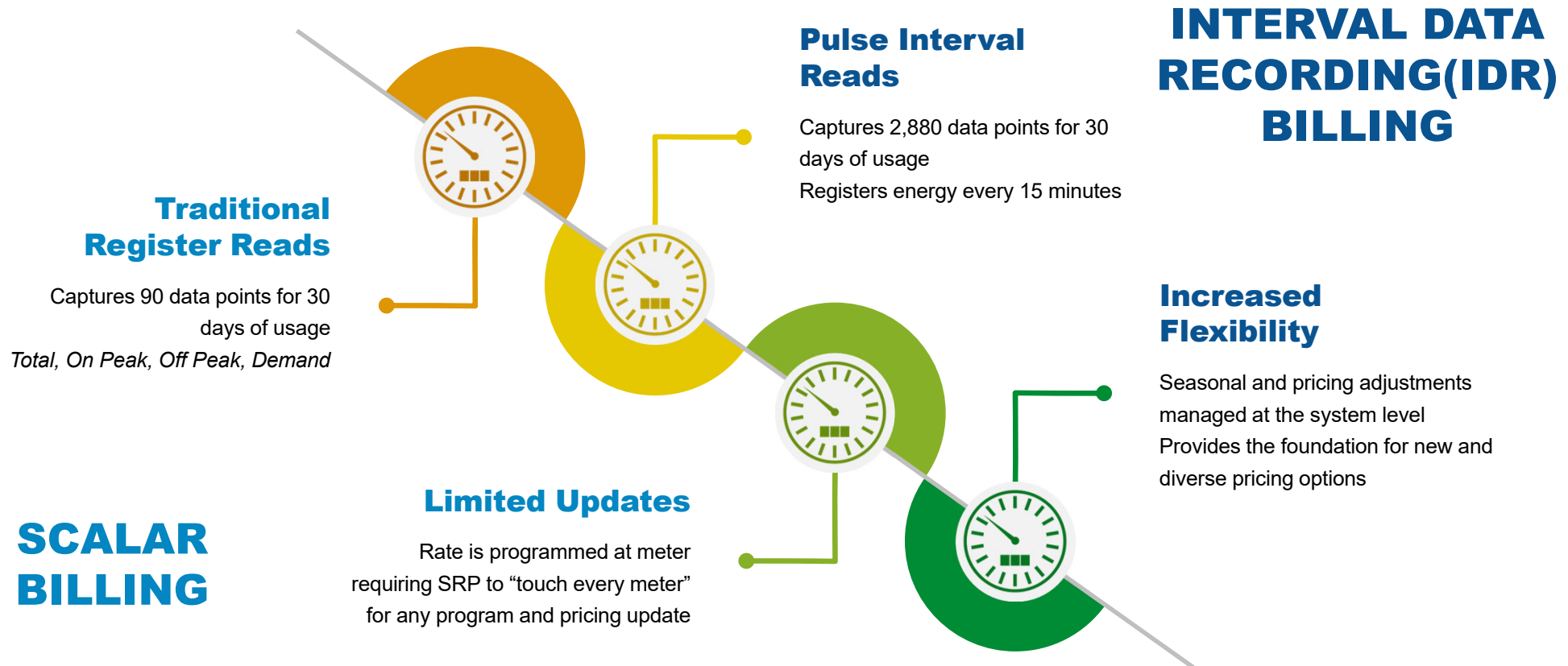


- Time to achieve stabilization will vary by function, external factors / challenges will emerge
- Robotics and other automation capabilities are critical

High-Level Program Scope



Opportunities with Interval Data Recording (IDR) Billing



Advanced Metering Infrastructure



RATE MAINTENANCE

- Requires reprogramming of the meter and maintenance of calendars on the meter
- Significant complexity to operation of AMI



DEMAND

- Requires complex interaction between meter and AMI
- Complicated process to rebill and adjust read errors



FLEXIBILITY GAINED THROUGH CUSTOMER MODERNIZATION

DYNAMIC RATES

- Time of Use (TOU), Net or other dynamic rates

INCREASED EFFICIENCY

- Supports easy rebilling
- Eliminates sources of error
- Flexibility for billing periods

Running the Business While Managing Change

SUMMER WORK

- Heat Moratorium
- High Bill Calls
- Supporting At Risk Customers



REGULAR OPERATIONS

- Maintaining Service Level and Customer Satisfaction
- Managing Meter to Cash Process



CUSTOMER MODERNIZATION

- New systems, processes, roles and responsibilities
- Fundamentally transforms the organization



STORM SEASON

- Outage Notifications
- Increased Call Volume

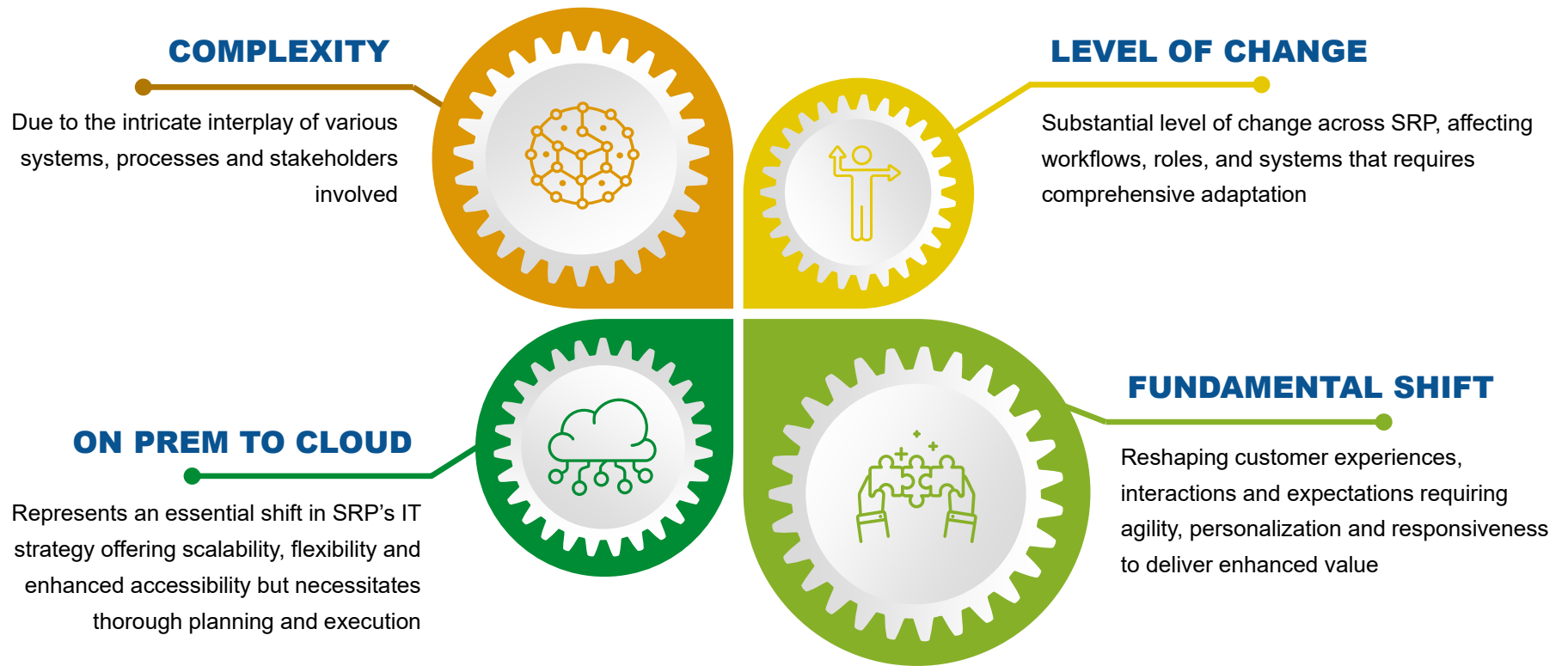


OTHER INITIATIVES

- Meter Data Management System (MDMS)
- Central Prepay
- Customer Data Platform



Magnitude of Upcoming Customer Modernization Change



Post Go-Live Benefits for Customers

LEVERAGE CUSTOMER INSIGHTS

Have a more complete, 360-degree view of customers to understand actions and motivations and influence decision making

SPEED TO MARKET

New customer options and programs can be introduced faster



DELIVER ON CUSTOMER EXPECTATIONS

Enhanced ability to offer customers more flexibility and preferred channels

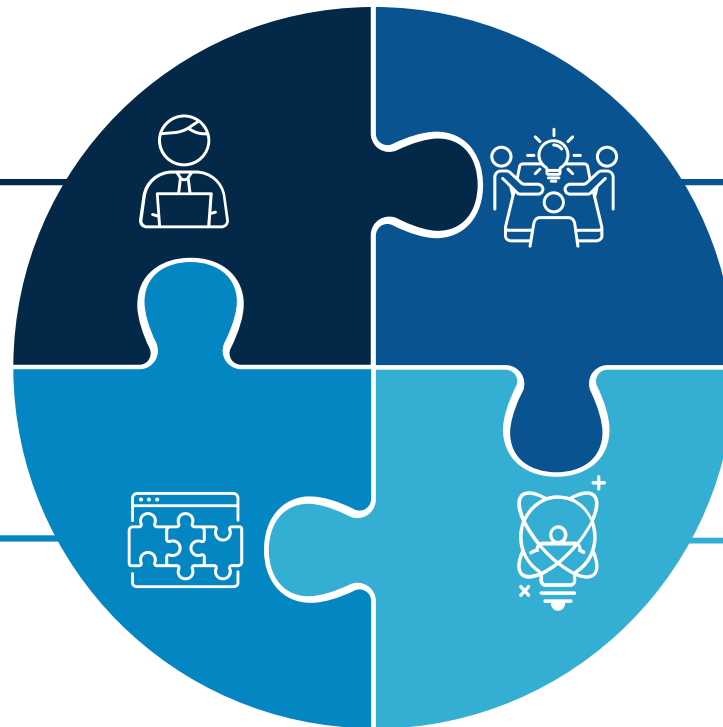
PROTECT CUSTOMER INFORMATION

Increased ability to safeguard customer privacy and reduce cybersecurity risks

Post Go-Live Benefits for Team Members

EMPLOYEE FOCUSED DESIGN

Standardized business processes and simplified user experience



ONE SRP APPROACH

More cross-functional teaming, collaboration via a future focused operating model

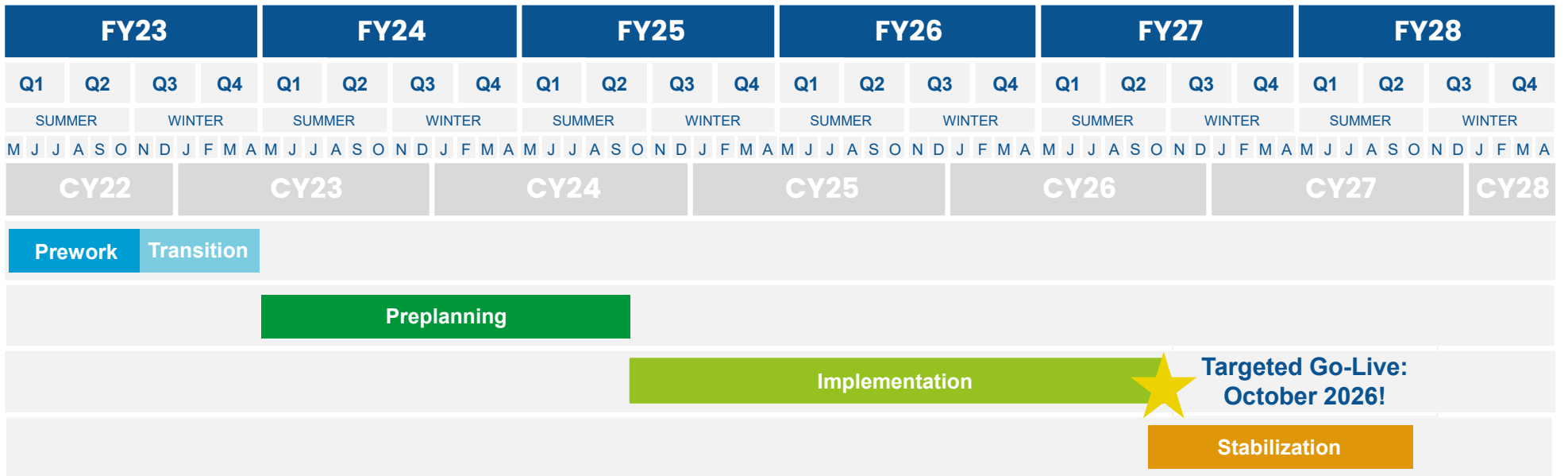
INCREASED AUTOMATION AND FLEXIBILITY

Reduced manual system workarounds and required system maintenance with a nimble system that enables and supports configuration

FUTURE FOCUSED SKILLS

Able to support the latest technology and integrations with new technology allowing for continued team member development

Targeted Go-Live Timeline



Key Takeaways



SRP is a leader in customer service because of our team members and robust systems. Our system landscape is impacted by an aging and complex Customer Information System (CIS).



Customer Modernization will replace SRP's current CIS (PHOENIX) and 31 other systems along with transforming business processes by the target go-live date of October 2026.



SRP needs to modernize to:

- Support required data driven analysis
- Offer future integrated programs
- Provide a more complete view of customer contacts
- Reduce risk of aging systems





THANK YOU

