



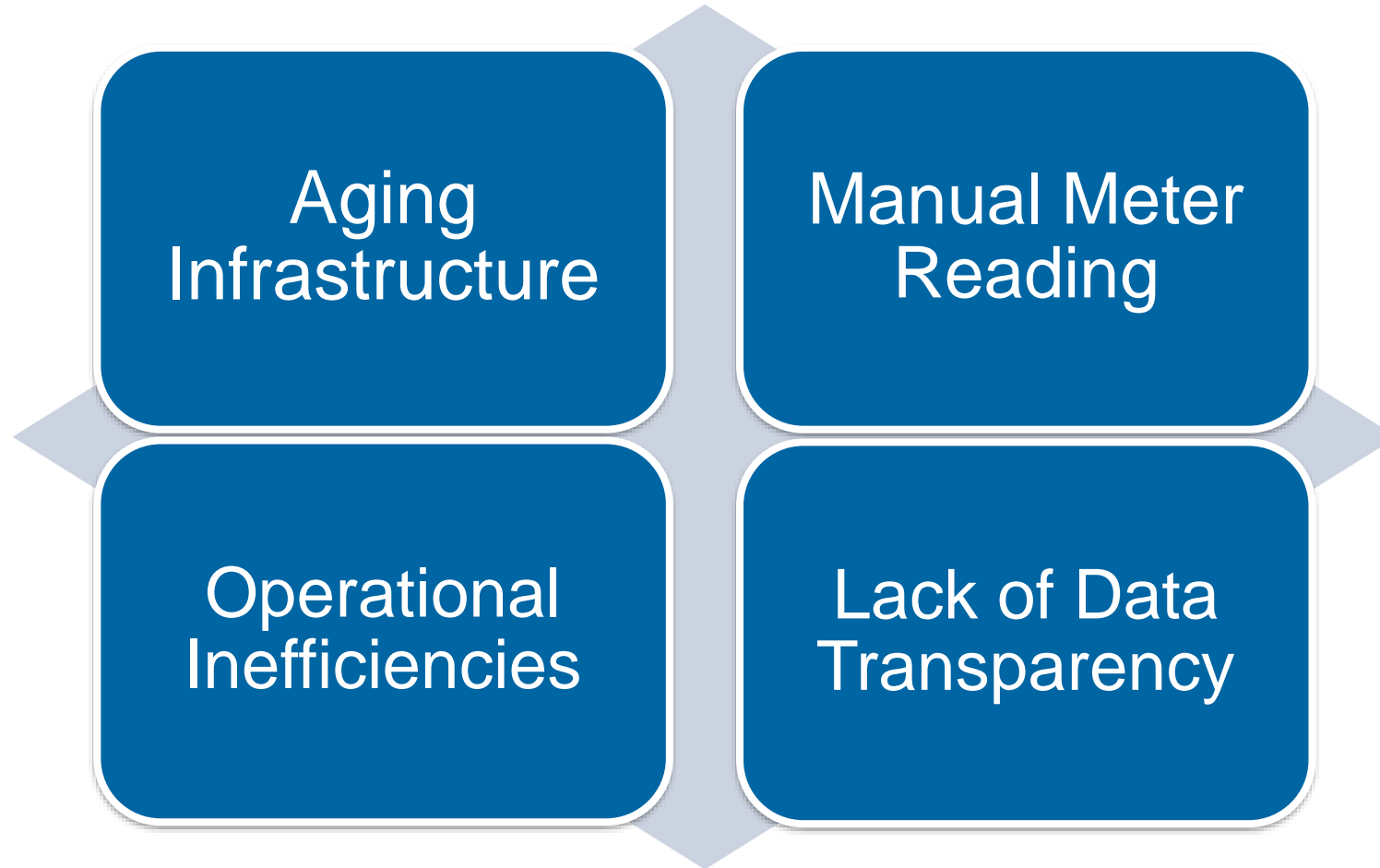
# City of Rollingwood

## Meter Replacements & Automated Metering Infrastructure

July 2023

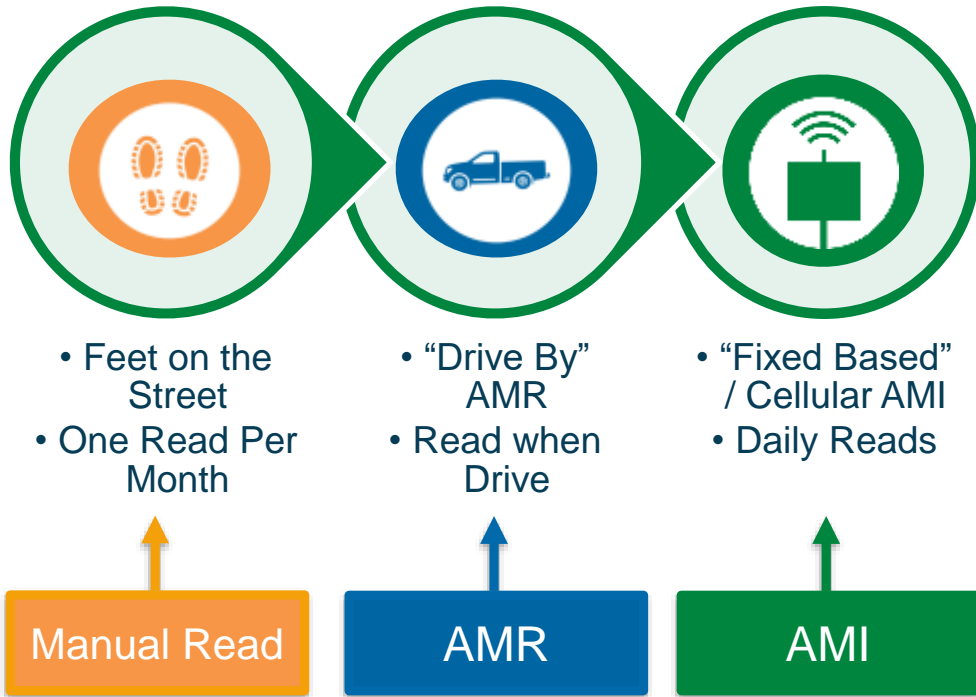
# Current Challenges

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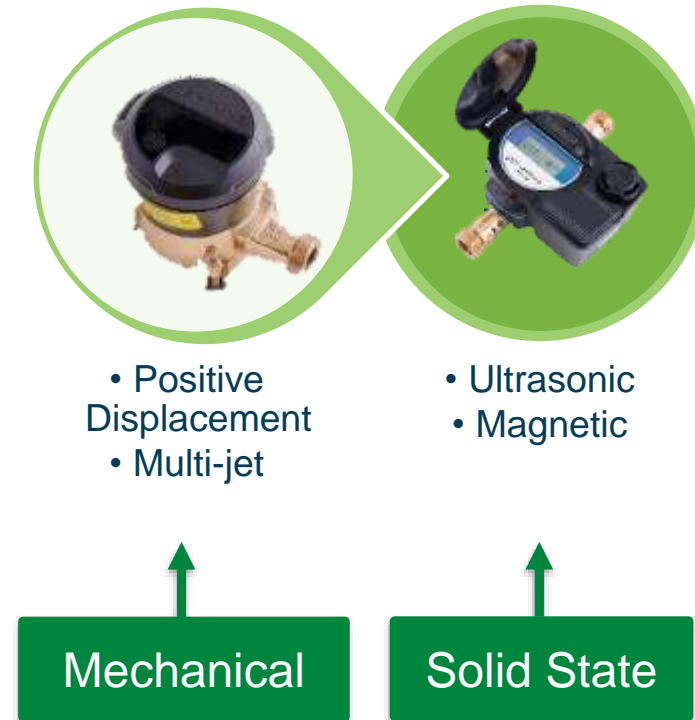


# Water Meter History

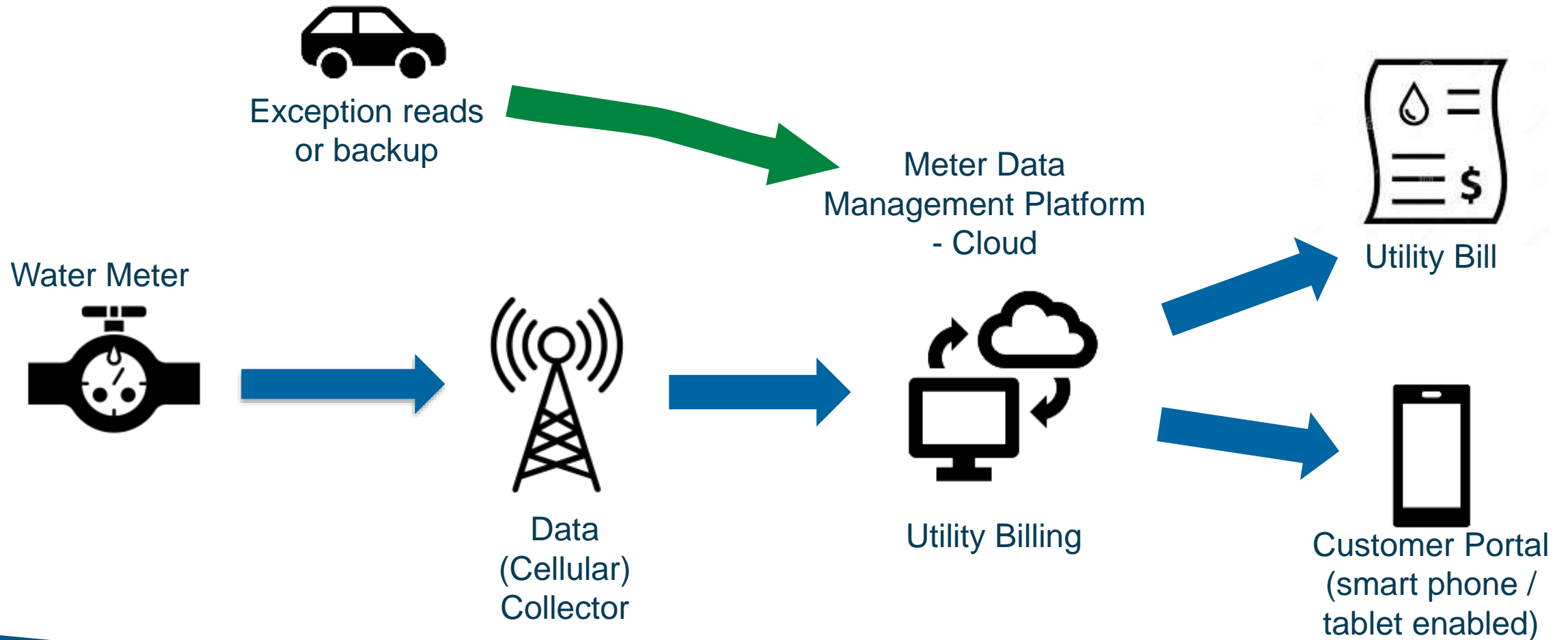
## Reading Technology



## Meter Technology



# Potential Solution = Advanced Metering Infrastructure



# Goal = Enhance Customer Experience

Allow Citizens to have transparent access to consumption information, leak detection, high usage alerts, historical patterns, and bill predictions all using a web portal or mobile device.



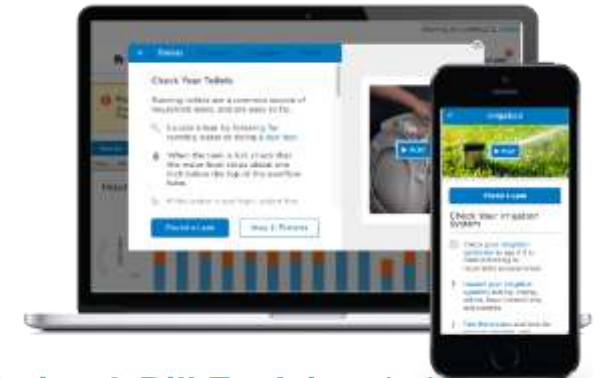
Customer Portal provides personalized water use information and tips



Alerts can be sent in all channels (print, email, voice, text)



Water Reports, Customer Letters, & Print Leak Alerts drive customers to the Portal

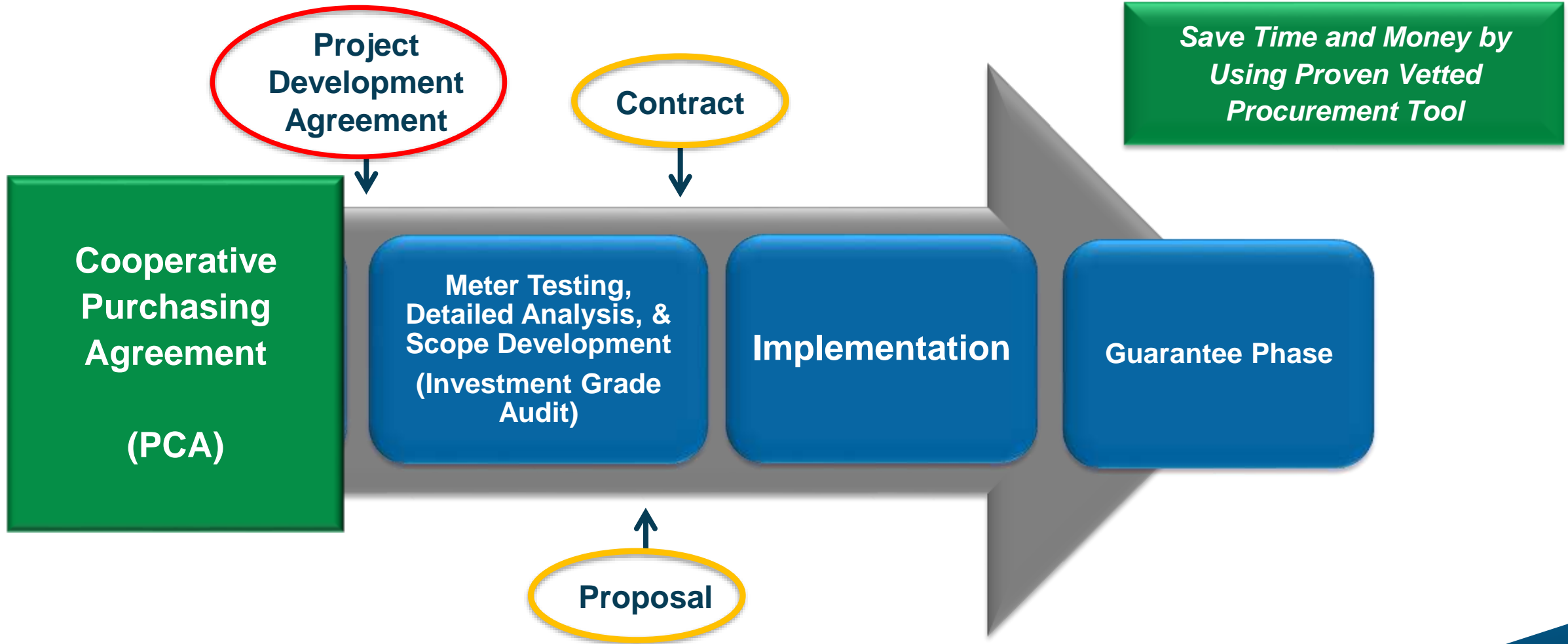


Leak Resolution & Bill Explainer help customers to resolve common issues online

# Solution for Procurement & Implementation



# Process – Local Govt Code 302



 = Next Step

 = Future Decision Step

# Project Deliverables from Ameresco

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Assist in Selecting  
Best Value  
Equipment &  
Technology

Provide Turn-Key  
Firm Fixed Project  
Price

Accurate &  
Complete Scope of  
Work

Create Citizen  
Engagement  
Strategy

Minimize Day to Day  
Operations &  
Service Disruptions

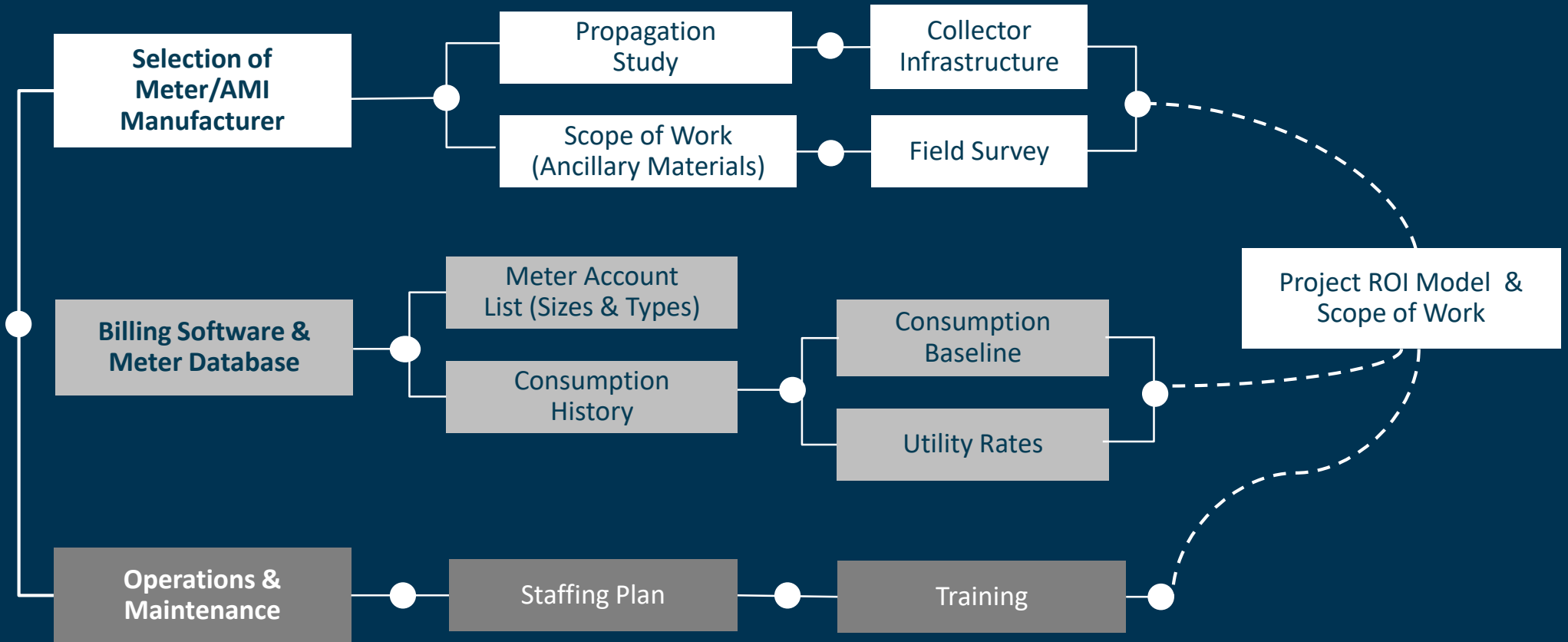
Onsite Project  
Management for  
Implementation &  
Data Integration

***And its Guaranteed!***



# Development Process – Meters/AMI

## 3 Paths



# Review of Data Analysis

- Reconciliation of Missing Data Points (Size, Account #)
- Duplicate Accounts / Inactive Accounts
- Zero Read Accounts
- Largest Consumers
- Data Anomalies (Excessive Usage)
- Monthly Consumption Comparison with Weather Data
- Consumption Analysis by Meter Size
- Meter Size and Rate Analysis

Acct_Num	Serv_Loc	Fee_Desc	Meter_Num	Transponder_Num	Meter_Size
1-000978-00	1300 LEE ST (YACHT BASIN)	Readiness to Serve Sewer	08567411H	81429743	6
1-000978-00	1300 LEE ST (YACHT BASIN)	Non-Containerized Refuse	06567411L	81429504	6
1-001255-00	2442 DR MARTIN LUTHER KING BLVD	Readiness to Serve Sewer	09060737H	82297180	3
1-001255-00	2442 DR MARTIN LUTHER KING BLVD	Utility Tax	09060737L	82290712	3
1-001475-00	2210 WIDMAN WAY	Readiness to Serve Sewer	08187889H	81436642	3
1-001475-00	2210 WIDMAN WAY	Readiness to Serve Water - Inside	08187889L	81436643	3
1-001560-00	4003 CLEVELAND AVE	Readiness to Serve Sewer	08000993H	80632614	4
1-001560-00	4003 CLEVELAND AVE	Utility Tax	08000993L	80965294	4
1-002046-00	1915 HALGRIM AVE	Readiness to Serve Sewer	08000997L	80724786	4
1-002046-00	1915 HALGRIM AVE	Readiness to Serve Water - Inside	08000997H	80676589	4
1-002125-00	3850 FOWLER ST	Dumpster 6 yd	08187547H	81436648	3
1-002125-00	3850 FOWLER ST	Readiness to Serve Sewer	08187547L	81151234	3
1-002161-04	4400 FOWLER ST	Readiness to Serve Sewer	08032295H	80815555	3
1-002161-04	4400 FOWLER ST	Utility Tax	08032295L	80815545	3
1-002368-05	4040 PRINCETON ST	Readiness to Serve Sewer	08188515H	81375115	3
1-002368-05	4040 PRINCETON ST	Utility Tax	08188515L	81435583	3
1-002483-00	5200 CEDARBEND DR	Dumpster 6 yd	08034996L	80980292	8
1-002483-00	5200 CEDARBEND DR	Utility Tax	08034996H	80980308	8
1-003212-02	4125 CLEVELAND AVE STE 905	Readiness to Serve Sewer	08000982L	80919949	3
1-003212-02	4125 CLEVELAND AVE STE 905	Utility Tax	08000982H	80848902	3
1-003322-02	5317 SUMMERLIN RD	Readiness to Serve Sewer	08000815L	80632599	3
1-003322-02	5317 SUMMERLIN RD	Utility Tax	08000815H	80632609	3
1-003326-02	5305 SUMMERLIN RD	Readiness to Serve Sewer	08000814H	80632561	3
1-003326-02	5305 SUMMERLIN RD	Utility Tax	08000814L	80623416	3
1-003333-01	501 VAN BUREN ST	fee code converted	08187888H	81436677	3
1-003333-01	501 VAN BUREN ST	Readiness to Serve Sewer	08187888L	81436656	3
1-003374-00	1501 RALEIGH ST	Readiness to Serve Water - Inside	08184339H	85462759	6
1-003374-00	1501 RALEIGH ST	Compactor Dumpster 2 yd	08184339L	85409716	6
1-003633-02	4212 DESOTO AVE	Readiness to Serve Sewer	08000966H	80632544	3
1-003633-03	4212 DESOTO AVE	Readiness to Serve Water - Inside	08000966L	80632585	3
1-003765-02	4703 4785 BARKLEY CIR	Readiness to Serve Sewer	08187890H	81435550	3
1-003765-04	4703 4785 BARKLEY CIR	Readiness to Serve Sewer	08187890L	81436652	3
1-005455-02	4400 FORD STREET EXT	fee code converted	08032302H	80815114	3
1-005455-03	4400 FORD STREET EXT	Readiness to Serve Sewer	08032302L	80815553	3
1-005980-00	0 UNION/VICTORIA/JACKSON	Readiness to Serve Sewer	09050228H	81894404	4
1-005980-00	0 UNION/VICTORIA/JACKSON	Readiness to Serve Water - Inside	09050228L	81894414	4
1-005986-00	2980 EDISON AVE	Readiness to Serve Water - Inside	08000805H	80676128	4
1-005986-00	2980 EDISON AVE	Billed elsewhere	08000805L	80676135	4

Data Management is the Key to Success!



# Ameresco Texas Experience in AMI/AMR



# Next Steps

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1. Sign Project Development Agreement
2. Conduct Investment Grade Audit to develop proposal
3. Present Proposal Options with Scope and Pricing
4. Rollingwood Selects Scope to be Implemented
5. Conduct 3<sup>rd</sup> Party Engineering Review
6. Negotiate and Execute Implementation Contract

# Thank You!

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