



CITY OF NORMAN, OK CITY COUNCIL SPECIAL MEETING

Municipal Building, Executive Conference Room, 201 West Gray, Norman,
OK 73069

Tuesday, September 28, 2021 at 5:00 PM

AGENDA

AS AMENDED

It is the policy of the City of Norman that no person or groups of persons shall on the grounds of race, color, religion, ancestry, national origin, age, place of birth, sex, sexual orientation, gender identity or expression, familial status, marital status, including marriage to a person of the same sex, disability, retaliation, or genetic information, be excluded from participation in, be denied the benefits of, or otherwise subjected to discrimination in employment activities or in all programs, services, or activities administered by the City, its recipients, sub-recipients, and contractors. In the event of any comments, complaints, modifications, accommodations, alternative formats, and auxiliary aids and services regarding accessibility or inclusion, please contact the ADA Technician at 405-366-5424, Relay Service: 711. To better serve you, five (5) business days' advance notice is preferred.

CALL TO ORDER

AGENDA ITEMS

1. REPORT ON THE ADVANCED METERING INFRASTRUCTURE ASSESSMENT RESULTS.
2. CONSIDERATION OF ADJOURNING INTO AN EXECUTIVE SESSION AS AUTHORIZED BY OKLAHOMA STATUTES, TITLE 25 § 307(B)(3) TO DISCUSS THE ACQUISITION OF REAL PROPERTY LOCATED AT 318 EAST COMANCHE STREET AND 207 EAST GRAY STREET

Motion to adjourn out of the Special Session and convene into an Executive Session.

Motion to adjourn out of the Executive Session and reconvene the Special Session.

ADJOURNMENT



CITY OF NORMAN, OK STAFF REPORT

MEETING DATE: 09/28/2021

REQUESTER: Nathan Madenwald, Utilities Engineer

PRESENTER: Chris Mattingly, Director of Utilities

ITEM TITLE: REPORT ON THE ADVANCED METERING INFRASTRUCTURE ASSESSMENT RESULTS.

City of Norman

Advanced Metering Infrastructure (AMI) Assessment Results

City Council Study Session



Agenda

Item 1.

1. Assessment Expectations
2. Current State Evaluation
3. Goals & Key Messages
4. Business Case
5. Implementation Schedule
6. Next Steps
7. Questions & Answers

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Purpose

Item 1.

- Define the overall AMI project goals and objectives specific to the City of Norman
- Create a business case
- Assess disciplines and technology across the organization to:
 - Identify gaps and determine readiness
 - Develop an implementation strategy
- Build a stakeholder engagement vision
- Present the findings and recommendations

.....Ultimately ensure a thorough due diligence effort.....

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Current State Observations & Gaps

Item 1.

■ Staff

- Engaged and well-qualified to adopt AMI technologies
- Run very lean e.g., estimating a high number of meter reads
- Transition with new roles

■ Technology

- Billing system integration
- Continued prioritization on security

■ Funding

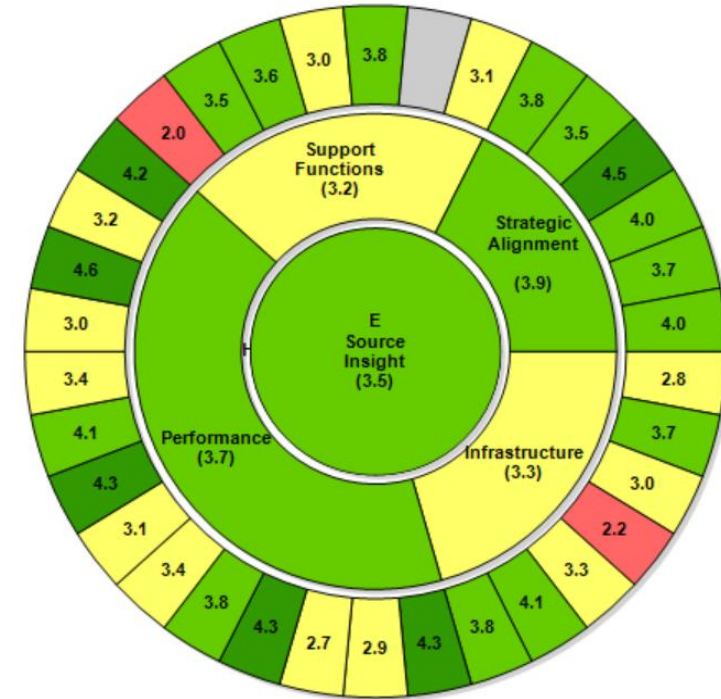
- Rate increase
- DOI WaterSMART grant

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Insight Results

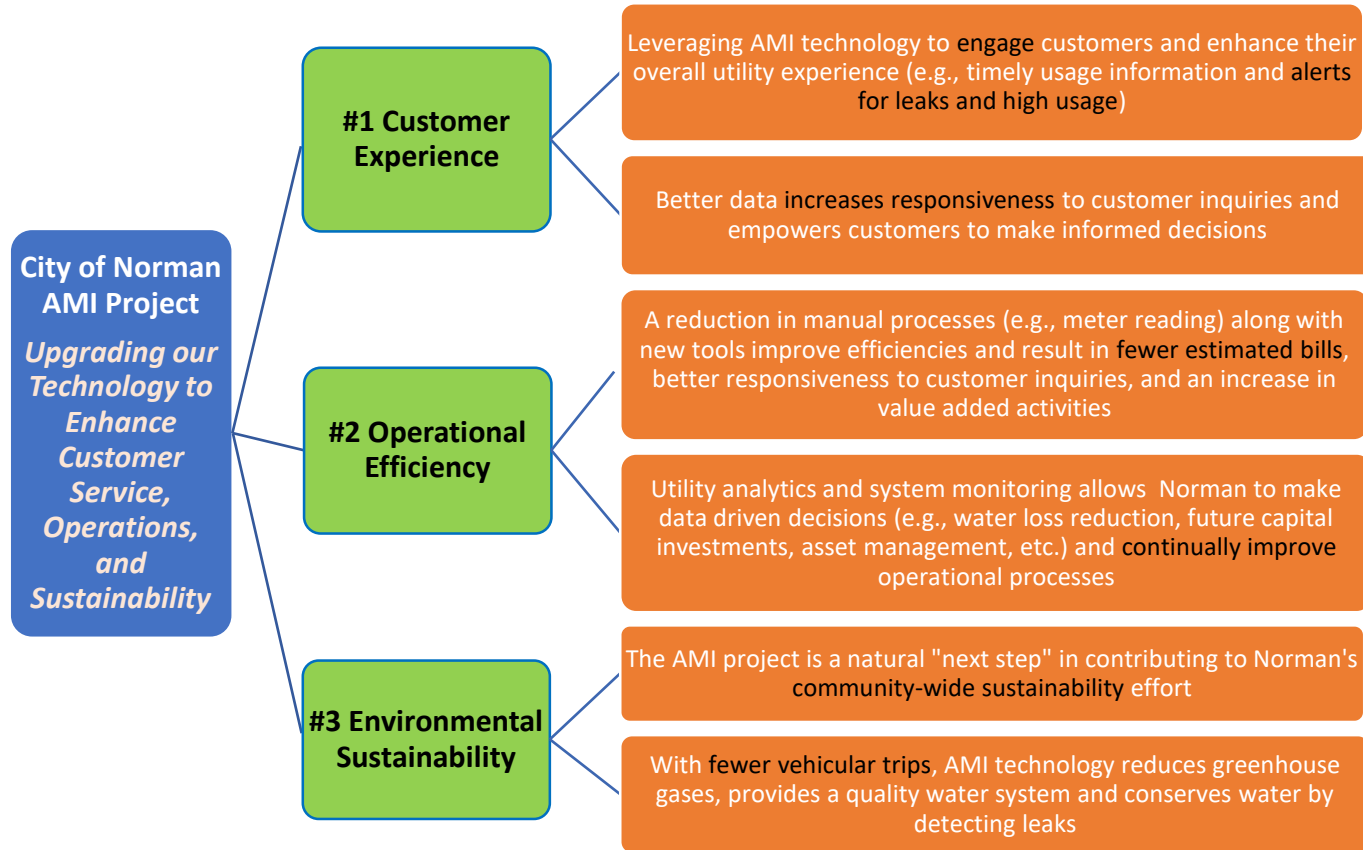
Item 1.

- Staff participated anonymously from July – August 2021
- Top scoring areas: Stakeholder Engagement, Digital Strategy, Customer Satisfaction, Safety, Costs and Environmental Responsibility
- Lowest scoring areas: Meter Reading, Reliability, Revenue Assurance, and Maintenance



Goals and Key Messages

Item 1.



Business Case Scenarios

Item 1.

	Basic AMI	Moderate AMI	Extended AMI
Meter Replacements	Replace < 7 years; retrofit remaining	Replace all	Replace all
Remote Disconnects	Network capable	Some devices installed on targeted accounts	All residential meters installed with a remote disconnect device
Sensors and Internet of Things (IoT)	Network capable	Some pressure and acoustic leak devices installed	Comprehensive IoT, with sewer SCADA integration
Software	AMI, Meter Data Management (MDM) Lite, and Customer Portal through a single AMI vendor	AMI and MDM Lite through a single AMI vendor; best-of-breed Customer Portal through a different vendor	Best-of-breed AMI, MDM, and Customer Portal through different vendors

Business Case Recommendation

Item 1.

- E Source recommends Norman move forward with the moderate option
- Net zero staffing included in the model

Financial Metric	Basic AMI Value	Moderate AMI Value	Extended AMI Value
Net Present Value (NPV) with Discount Rate of 3.0%	\$1,412,046	\$3,576,383	\$(9,661,789)
Internal Rate of Return (IRR)	4.0%	5.4%	-1.4%
Capital Expense (CapEx)	\$14,663,445	\$15,818,990	\$26,590,893
CapEx per Meter	\$357.88	\$386.08	\$648.99
Return on Investment (ROI)	32.1%	41.4%	-9.5%
Payback Period (Years)	16	15	No Payback within Lifespan

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IMPLEMENTATION SCHEDULE

✓ Tasks	Start	Finish	Duration	2021	2022	2023	2024	2025
Advanced Metering Assessment	7/1/2021	9/31/2021	90 Days					
Vote Approval	4/1/2022	4/30/2022	1 Month					
Procurement	5/1/2022	2/1/2023	9 Months					
AMI Deployment	3/1/2023	2/28/2025	2 Years					

Next Steps

Item 1.

- Feedback from City Council
- Rate increase vote
- WaterSmart grant application – Due November 3
- With approval, move to technology procurement
 - RFP development and administration
 - Vendor evaluation and selection
 - Contract negotiations
- Define internal resource requirements and plan accordingly

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Questions

Thank You!

Item 1.



Nicole Pennington, PMP

Project Manager

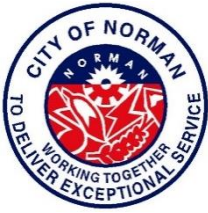
E Source Technology Planning and Implementation Division

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CITY OF NORMAN, OK STAFF REPORT

MEETING DATE: 09/28/2021

REQUESTER: Kathryn Walker, City Attorney

PRESENTER: Kathryn Walker, City Attorney

ITEM TITLE: CONSIDERATION OF ADJOURNING INTO AN EXECUTIVE SESSION AS AUTHORIZED BY OKLAHOMA STATUTES, TITLE 25 § 307(B)(3) TO DISCUSS THE ACQUISITION OF REAL PROPERTY LOCATED AT 318 EAST COMANCHE STREET AND 207 EAST GRAY STREET

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INFORMATION

Pursuant to 25 O.S., Section 307(B)(3), a public body is permitted to conduct an executive session to discuss the purchase or appraisal of real property. Thereupon, this item is submitted for City Council's consideration.