

Synopsis	AMI Meter Penetration												
<p>This report is a catalog of current and future AMI and smart meter deployments in the U.S. It includes profiles of utilities, government agencies, and private organizations influencing the development and use of Smart Grid systems. It also includes specific data on current utility activities, including a summary of deployments and plans, the number of residential customers covered, and the types of meters and technologies implemented. Detailed data are provided in a separate Excel file for review and analysis.</p>	<p>Penetration of AMI Meters among All Meters Deployed by Utility Type (U.S. Residential Meters)</p> <table border="1"> <caption>Percentage of meters deployed by utility (%)</caption> <thead> <tr> <th>Utility Type</th> <th>Percentage (%)</th> </tr> </thead> <tbody> <tr> <td>Co-ops</td> <td>~18%</td> </tr> <tr> <td>Munis</td> <td>~12%</td> </tr> <tr> <td>PUDs (Public Utility Districts), Other</td> <td>~12%</td> </tr> <tr> <td>Investor-owned utilities (IOUs)</td> <td>~8%</td> </tr> <tr> <td>Overall (all U.S. meters)</td> <td>~10%</td> </tr> </tbody> </table> <p>Source: Parks Associates research © 2009 Parks Associates</p>	Utility Type	Percentage (%)	Co-ops	~18%	Munis	~12%	PUDs (Public Utility Districts), Other	~12%	Investor-owned utilities (IOUs)	~8%	Overall (all U.S. meters)	~10%
Utility Type	Percentage (%)												
Co-ops	~18%												
Munis	~12%												
PUDs (Public Utility Districts), Other	~12%												
Investor-owned utilities (IOUs)	~8%												
Overall (all U.S. meters)	~10%												

<p>Publish Date: 3Q 09</p>	<p>“Environmental concerns, the rising cost of energy, and new government initiatives are all driving the renewed and very real push for residential energy management,” said Bill Ablondi, director, home systems research. “This report is a comprehensive snapshot of the current status and activities of utilities throughout the U.S. and provides solid data on the capabilities they are enabling and the technologies they are implementing.”</p>
-----------------------------------	--

Contents	AMI Fact Book - Volume I (Utility, Agency and Organization Profiles)
	<p>1.0 Introduction</p> <ul style="list-style-type: none"> 1.1 Definition of AMI/Smart Meter 1.2 The AMI Fact Book Volume II <p>2.0 Background information on AMI Deployments</p> <ul style="list-style-type: none"> 2.1 Smart Grid Stimulus Funding 2.2 Technology Primer <p>3.0 Governmental Agencies and Organizations Influencing Smart Grid Deployment</p> <ul style="list-style-type: none"> 3.1 Electric Power Research Institute (EPRI) 3.2 Federal Energy Regulatory Commission (FERC) 3.3 GridWise Architecture Council (GWAC) 3.4 National Association of Regulatory Utility Commissioners (NARUC) 3.5 National Institute of Standards and Technology (NIST) 3.6 Public Utility Commission of Texas (PUCT) <p>4.0 Utility Profiles</p>

- 4.1 Utility Profiles: Summaries
- 4.2 Selected Utilities
 - AEP subsidiary Indiana Michigan Power Utility
 - Allegheny Power
 - Ameren IL
 - Baltimore Gas & Electric Company
 - Brunswick Electric Membership Corporation
 - CPS Energy
 - DTE
 - Dominion Resources, Inc.
 - First Electric Cooperative Corporation
 - Hawaiian Electric Company
 - Holland Board of Public Works
 - Magic Valley Electric Cooperative
 - Mississippi Power
 - Modesto Irrigation District (PUD)
 - Philadelphia Electric Company (PECO)
 - Progress Energy
 - Rappahannock Electric Cooperative
 - Sacramento Municipal Utility District
 - San Diego Gas & Electric
 - Santee Cooper - South Carolina Public Service Authority
 - Snapping Shoals Electric Membership Cooperative
 - South Central Power Co.
 - City of Springfield City Water, Power and Light, IL
 - Your Own Utilities (Local Utility Company)
- 4.3 Utility Profiles
 - 4.3.1 Alabama Power
 - 4.3.2 Alliant Energy
 - 4.3.3 Arizona Public Service (APS)
 - 4.3.4 Austin Energy
 - 4.3.5 CenterPoint Energy, Inc.
 - 4.3.6 Commonwealth Edison (ComEd)
 - 4.3.7 Duke Energy
 - 4.3.8 Florida Power and Light Company (FPL)
 - 4.3.9 City of Fort Collins Electric Utility
 - 4.3.10 Georgia Power
 - 4.3.11 Gulf Power
 - 4.3.12 Idaho Power
 - 4.3.13 Kansas City Power & Light Company (KCPL)
 - 4.3.14 Los Angeles Department for Water and Power (LADWP)
 - 4.3.15 Lee County Electric Cooperative (LCEC)
 - 4.3.16 Oncor
 - 4.3.17 Pacific Gas & Electric (PG&E)
 - 4.3.18 Pedernales Electric Cooperative
 - 4.3.19 Portland General Electric (PGE)
 - 4.3.20 PPL Electric Utilities
 - 4.3.21 Salt River Project (SRP)
 - 4.3.22 City of San Marcos Electric Utility
 - 4.3.23 Southern California Edison (SCE)
 - 4.3.24 Spanish Fork Electric Utility
 - 4.3.25 Xcel Energy SmartGridCity

5.0 Smart Meter Forecast

6.0 Notes on Methodology

6.1 Data Sources

7.0 Appendices

7.1 Appendix A: Notice of Intent

7.2 Appendix B: Funding Criteria

7.3 Appendix C – Smart Grid Grant Funding Opportunity Announcement

7.4 Appendix D: Acronyms

7.5 Appendix E: Glossary

AMI Fact Book - Volume II Master Spreadsheet (Excel)

AMI meter deployment summary

Appendix A: Acronyms

Appendix B: Glossary

Summary

Smart Meter Forecast

List of Investor Owned Utilities (IOUs)

List of Utility Cooperatives (Co-ops)

List of Municipally Owned Utilities (Munis)

Other types of utilities

Utilities deploying Capacity Market programs

Utilities deploying Critical Peak Pricing programs

Utilities deploying Critical Peak Rebate programs

Utilities deploying Demand Bidding programs

Utilities deploying Direct Load Control programs

Utilities deploying Emergency Demand Response programs

Utilities deploying Interruptible and Curtailable programs

Utilities deploying Real-time pricing programs

Utilities deploying Time-of-use programs

Figures

Stimulus Fund allocation

Anticipated number of stimulus awards

Tentative application deadlines

Wired Backhaul Communication Networks

Wireless Backhaul Communication Networks

HAN Communications and Control Technologies

AMI Meter Penetration by Type of Utility

Summaries of Smart Meter Deployments and Trials

Households with AMI Capable Meters

Attributes	
<p>Parks Associates 5310 Harvest Hill Road Suite 235 Lock Box 162 Dallas TX 75230-5805</p> <p>800.727.5711 toll free 972.490.1113 phone 972.490.1133 fax</p> <p>parksassociates.com sales@ parksassociates.com</p>	<p>Authored by Bill Ablondi and Farhan Abid Executive Editor: Tricia Parks Published by Parks Associates</p> <p>© June 2009 Parks Associates Dallas, Texas 75230</p> <p>All rights reserved. No part of this book may be reproduced, in any form or by any means, without permission in writing from the publisher.</p> <p>Printed in the United States of America.</p> <p>Disclaimer Parks Associates has made every reasonable effort to ensure that all information in this report is correct. We assume no responsibility for any inadvertent errors.</p>

Project	
	<p>This report is part of the Parks Associates project Residential Energy Management: Opportunities for Digital Systems and Services.</p> <p>For more information, visit www.parksassociates.com or contact sales@parksassociates.com.</p>