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President, Chairman & Chief Executive Officer

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Safe Harbor Statement



Some of the statements contained in today's presentations are forward-looking statements within the meaning of Section 21E of the Securities Exchange Act of 1934 and are subject to the safe harbor created by the Private Securities Litigation Reform Act of 1995. These statements include all financial projections and any declarations regarding management's intents, beliefs or current expectations. In some cases, you can identify forward-looking statements by terminology such as "may," "will," "should," "expects," "plans," "anticipates," "believes," "estimates," "predicts," "potential" or "continue" or the negative of such terms or other comparable terminology. Any forward-looking statements are not guarantees of future performance, and actual results could differ materially from those indicated by the forward-looking statements. Forward-looking statements involve estimates, assumptions, known and unknown risks, uncertainties and other factors that may cause actual results, levels of activity, performance or achievements to be materially different from any future results, levels of activity, performance or achievements expressed or implied by such forwardlooking statements. Each forward-looking statement speaks only as of the date of the particular statement, and we undertake no obligation to publicly update or revise any forward-looking statement, whether as a result of new information, future events or otherwise. A number of factors could cause actual results or outcomes to differ materially from those indicated by the forwardlooking statements contained in this presentation. These factors include, but are not limited to, prevailing governmental policies and regulatory actions affecting the energy industry, including with respect to allowed rates of return, industry and rate structure, acquisition and disposal of assets and facilities, operation and construction of plant facilities, recovery of purchased power expenses, and present or prospective wholesale and retail competition; changes in and compliance with environmental and safety laws and policies; weather conditions; population growth rates and demographic patterns; competition for retail and wholesale customers; general economic conditions, including potential negative impacts resulting from an economic downturn; growth in demand, sales and capacity to fulfill demand; changes in tax rates or policies or in rates of inflation; rules and changes in accounting standards or practices; changes in project costs; unanticipated changes in operating expenses and capital expenditures; the ability to obtain funding in the capital markets on favorable terms; restrictions imposed by Federal and/or state regulatory commissions, PJM and other regional transmission organizations (NY ISO, ISO New England), the North American Electric Reliability Council and other applicable electric reliability organizations; legal and administrative proceedings (whether civil or criminal) and settlements that affect our business and profitability; pace of entry into new markets; volatility in market demand and prices for energy, capacity and fuel; interest rate fluctuations and credit market concerns; and effects of geopolitical events, including the threat of domestic terrorism. Readers are referred to the most recent reports filed with the Securities and Exchange Commission.

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Business Mix



Transmission & Distribution



2009 - 2013**Forecast Business Mix***









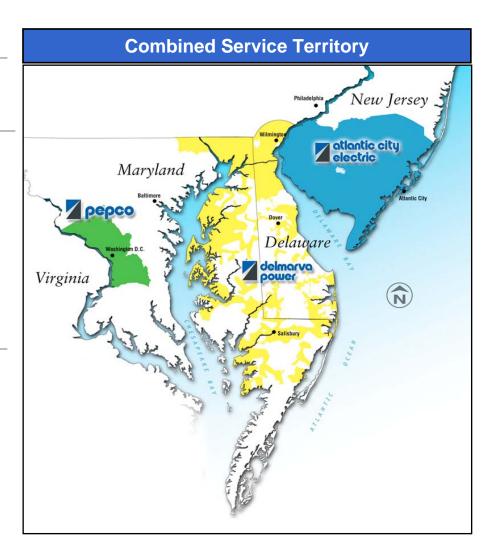
Competitive Energy / Other





25 - 30%

PHI Investments



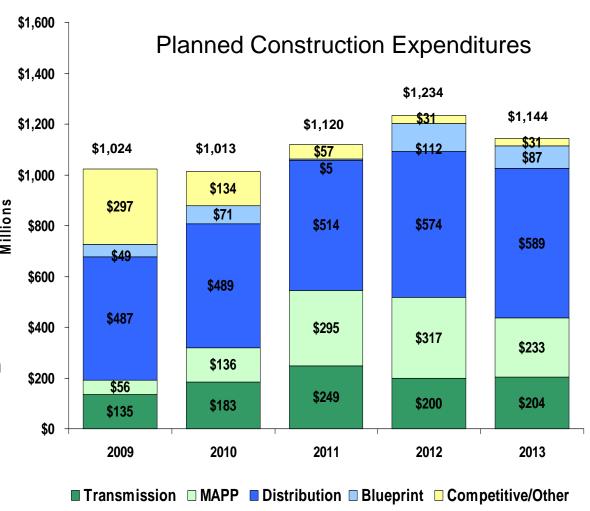
Note: See Safe Harbor Statement at the beginning of today's presentation.

^{*} Percentages based on projected operating income.

Construction Expenditures



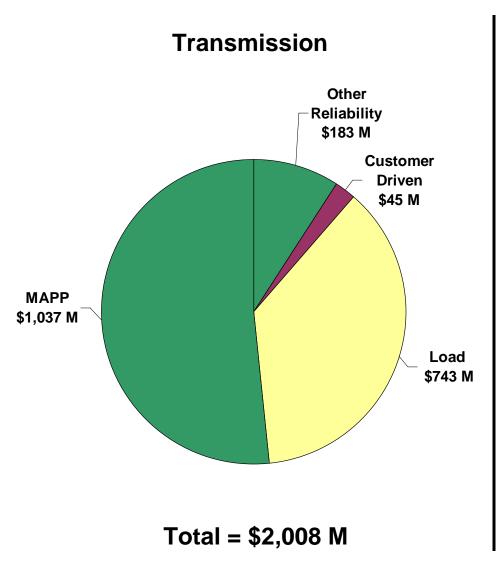
- Robust construction program with over \$5.5 billion total expenditures over a five-year period:
 - Average annual capex last5 years \$573M
 - Average annual planned capex next 5 years \$1.1B
- Two major Power Delivery initiatives:
 - Mid-Atlantic Power Pathway
 - Blueprint for the Future
- Conectiv Energy construction projects:
 - Cumberland (operational Q2 2009)
 - Delta (operational Q2 2011)

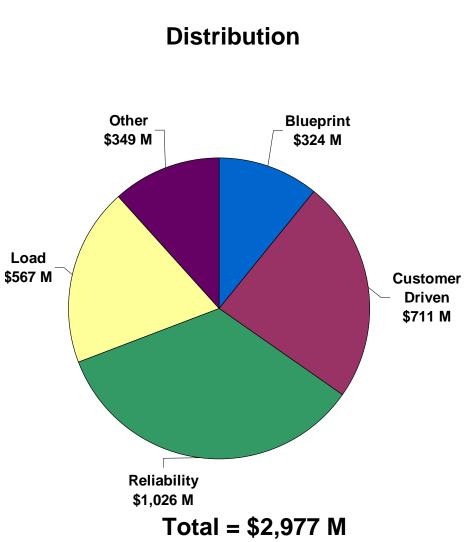


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Power Delivery – Construction Forecast 2009-2013







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Pepco Holdings, Inc

Capital Allocation/Resource Planning

Capital Allocation

- Detailed planning process over a 5 year period
- Beyond customer growth and reliability driven construction, projects compete for funding
- A risk adjusted cost of capital specific to the line of business used to assess returns; post project completion analysis performed to measure results
- Evaluation process entails assigning total value to each project and ranking on a discretionary/non-discretionary basis involving assessment of specific financial and non-financial factors

Resource Planning

- Capital allocation process establishes the required resource plan and determines the following criteria:
 - Quantity and type of skilled crafts necessary to complete the work
 - Construction schedule
 - Allocation of work to internal/external resources

Capital Funding Sources

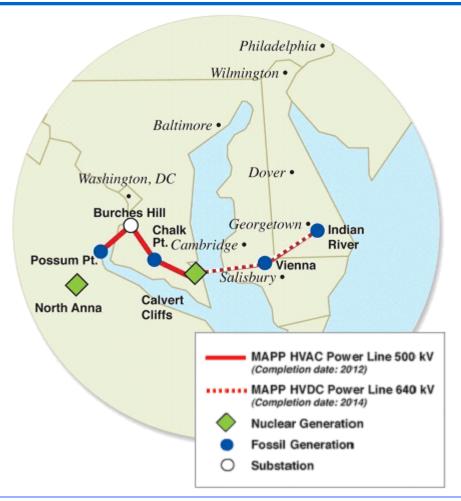


- Currently using
 - Cash from operations
 - Proceeds from 2008 financing
 - Traditional First Mortgage Bonds
 - Equity
- In progress
 - Federal Grant Awards
- Under consideration
 - Federal Loan Guarantee (MAPP Project)
 - Continued review of capital expenditure reductions/deferrals
 - Utility Debt (public and private placement)
 - Sale of selected assets
 - Mandatory Convertible/Hybrids
 - Short-term debt capacity
 - Small equity issuance

While a challenging environment, we have adequate access to the market to finance our plans

Pepco Holdings. Inc

Mid-Atlantic Power Pathway (MAPP)



- Cost of project \$1.2 billion
- In-service date 2014
- Construction currently expected to begin the latter half of 2010
- Total length 150 miles (~ 30 miles on new right-of-way)

Note: See Safe Harbor Statement at the beginning of today's presentation.

Capital Allocation Factors

- Transmission investment earns an 11.3% Return on Equity
- Rates adjusted through a formula rate process
- Option to apply for additional incentives
- Incentive filing approvals:
 - MAPP project (as well as eight other RTEP projects) was approved for a 150 basis point adder raising Return on Equity to 12.8%
- MAPP also awarded:
 - Full forward year CWIP allowed in rate base
 - 100% recovery of prudently incurred costs in case of project cancellation

Blueprint for the Future – Smart Grid



Capital Allocation Factors

- Public Service Commission pre-approval
- DOE federal stimulus funds

Delaware

- AMI deployment approved
- Establishment of regulatory asset approved
- Meter installation has begun

District of Columbia

- Legislation adopted in June approving AMI deployment, subject to PSC agreeing to the sufficiency of federal grants
- Legislation provides for cost recovery, and a return on costs, by the creation of a regulatory asset

Maryland

- AMI system requirements established
- PSC proceedings underway for cost recovery determination
- DOE awarded \$168 million in federal stimulus funds for Smart Grid projects in October 2009



- Cost of project (2008 2014) \$422 million
- Full meter deployment expected by 2014, contingent upon regulatory approvals

Note: See Safe Harbor Statement at the beginning of today's presentation.

Summary



- PHI employs a comprehensive and deliberate capital allocation model
- We appropriately address service and reliability requirements
- We work to ensure a clear path for the recovery of regulated investments
- We work to minimize our cost of capital while maintaining a strong credit focus

While we operate in a challenging environment, we stay focused on customer needs, value creation and efficient financing