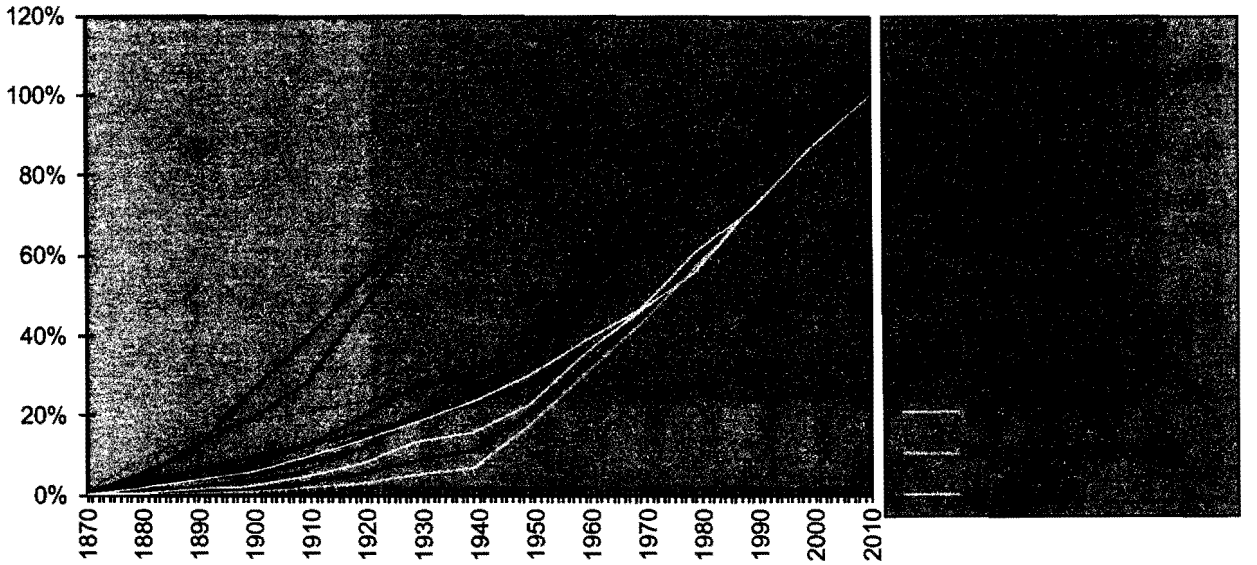
EXHIBIT D
Part 2

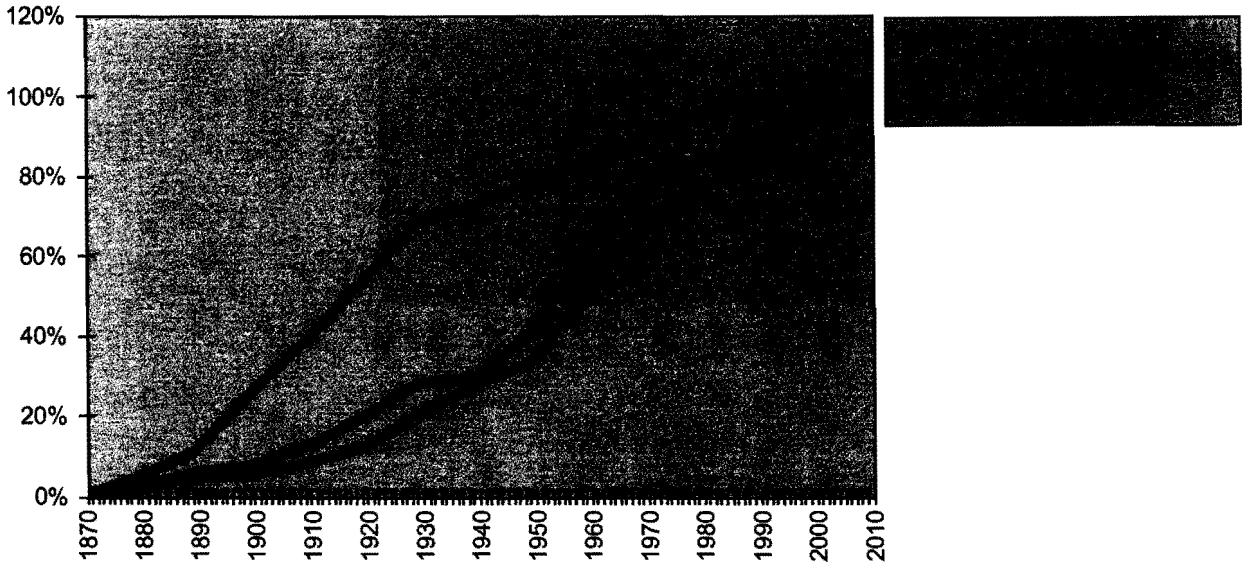
Kent County Water Board Meeting

March 15, 2012

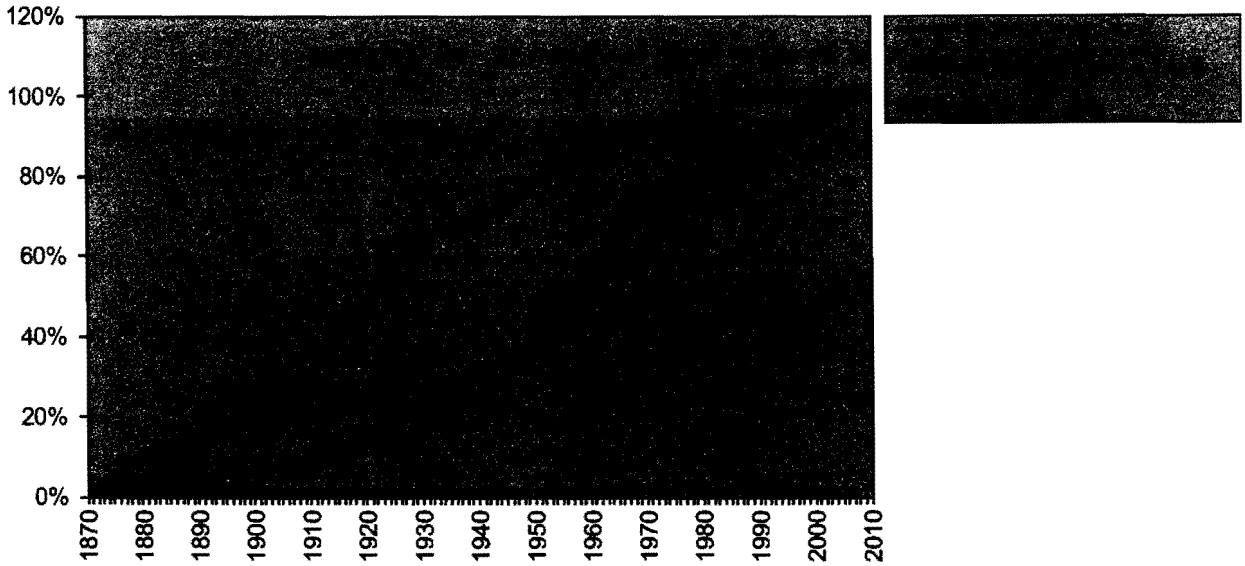
Proportion of Current System Built by Decade: All Regions



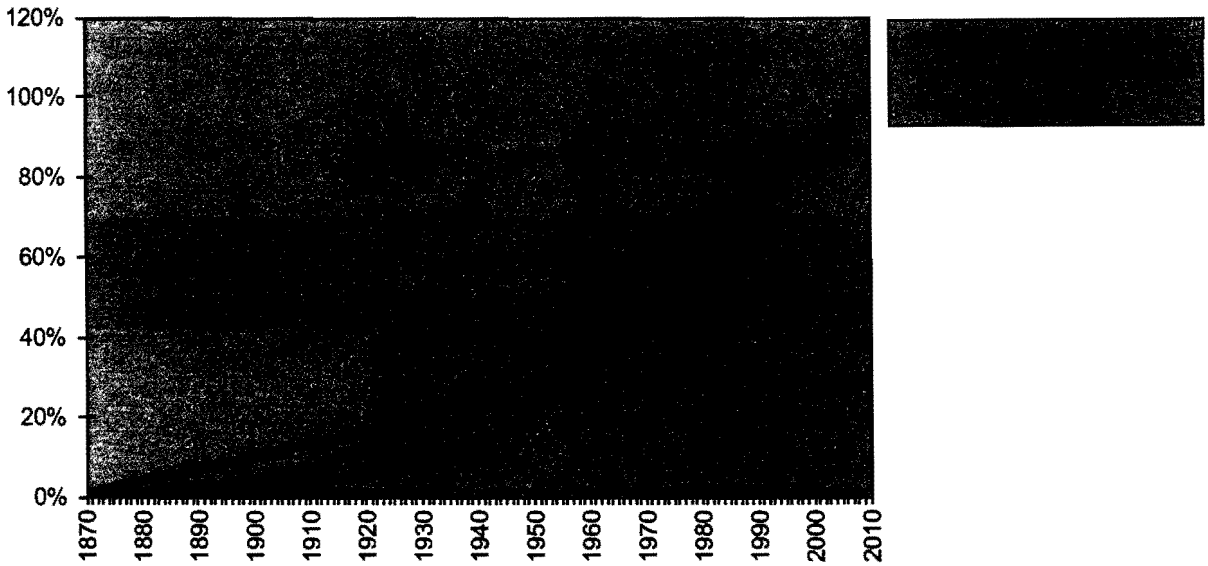
Proportion of Current System Built by Decade: Northeast



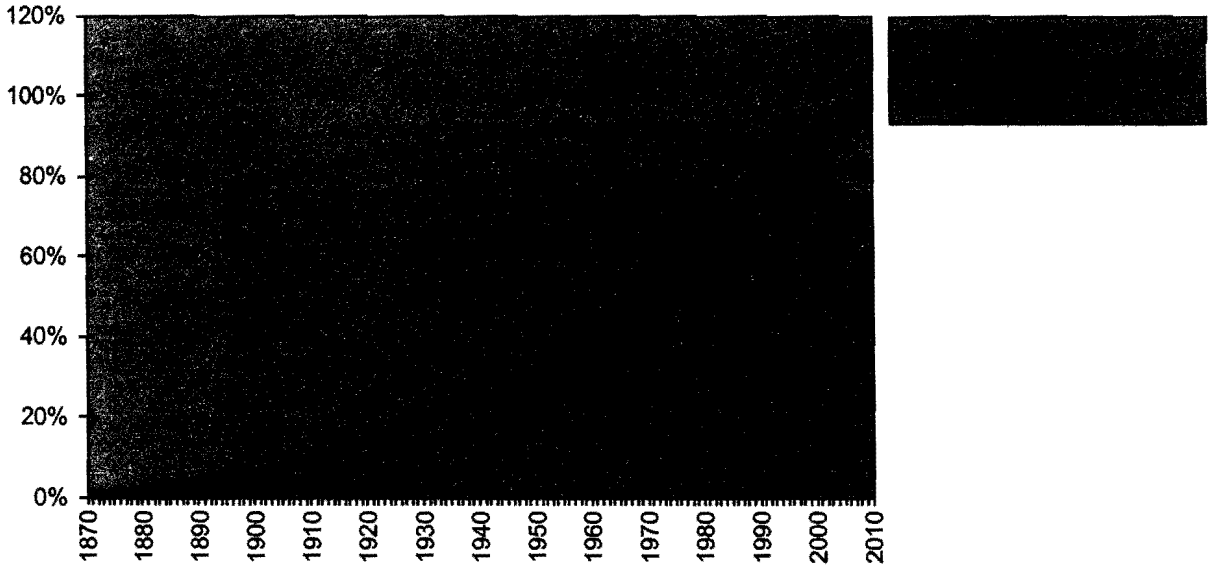
Proportion of Current System Built by Decade: Midwest



Proportion of Current System Built by Decade: South

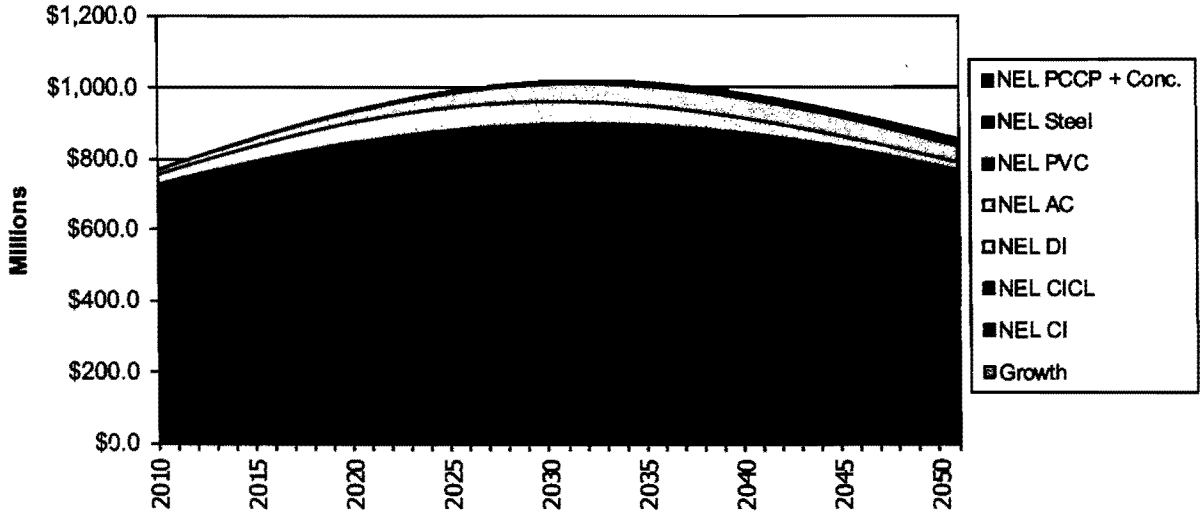


Proportion of Current System Built by Decade: South



Investment for Replacement & Growth

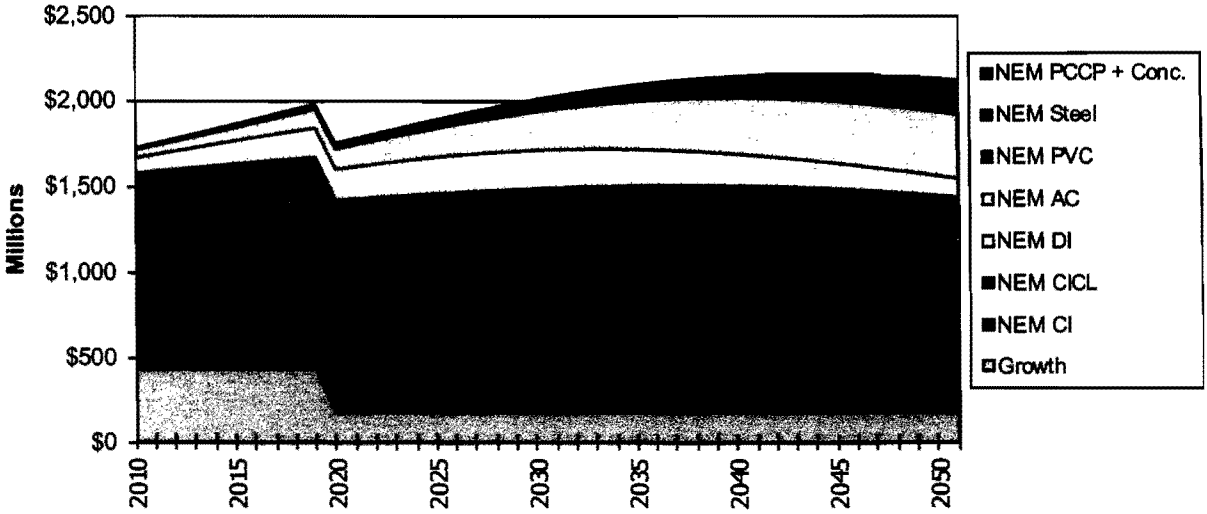
Northeast Large



CI: cast iron; CICL: cast iron cement lined; DI: ductile iron; AC: asbestos cement; PV: polyvinyl chloride; PCCP: prestressed concrete cylinder pipe

Investment for Replacement & Growth

Northeast Medium



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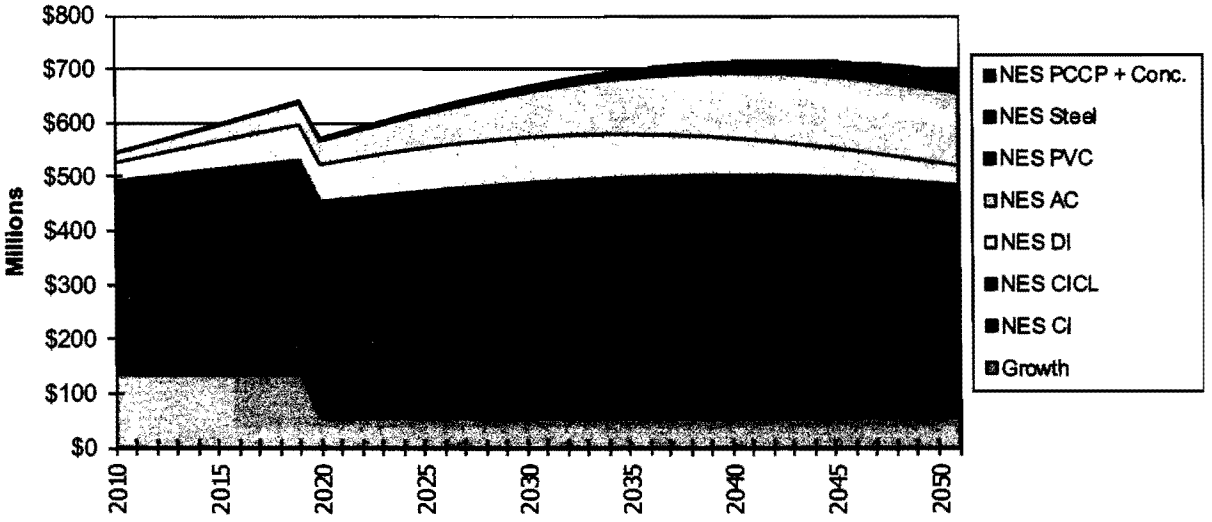
Northeast Small



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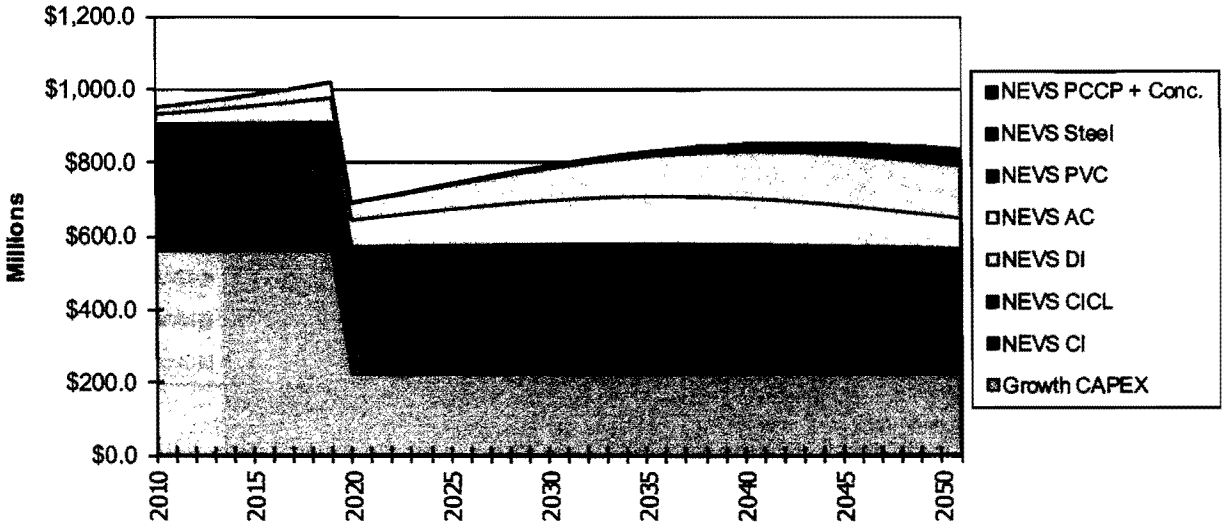
Investment for Replacement & Growth
Northeast Very Small



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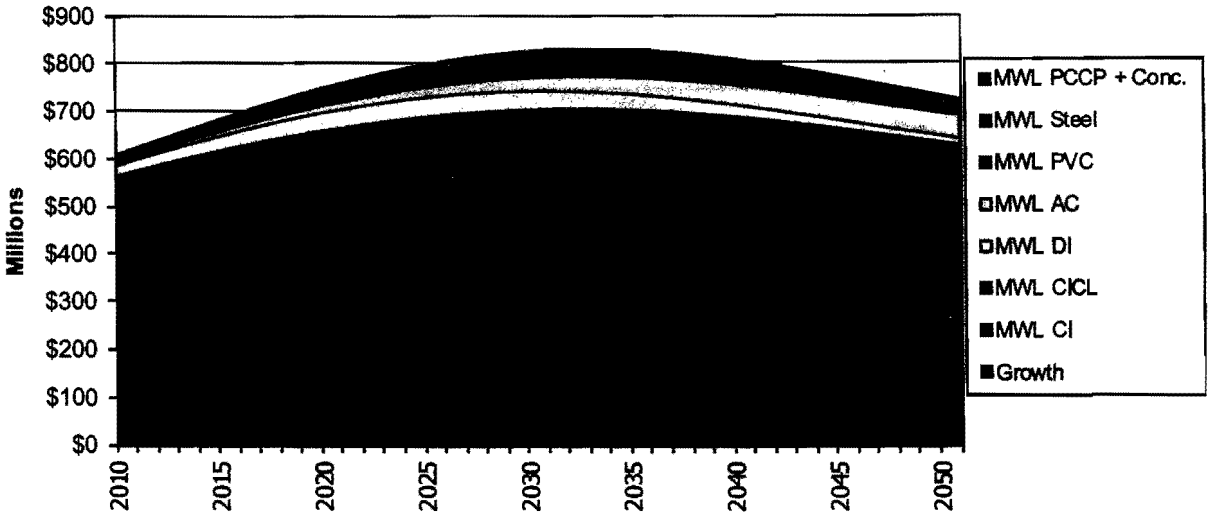
Midwest Large



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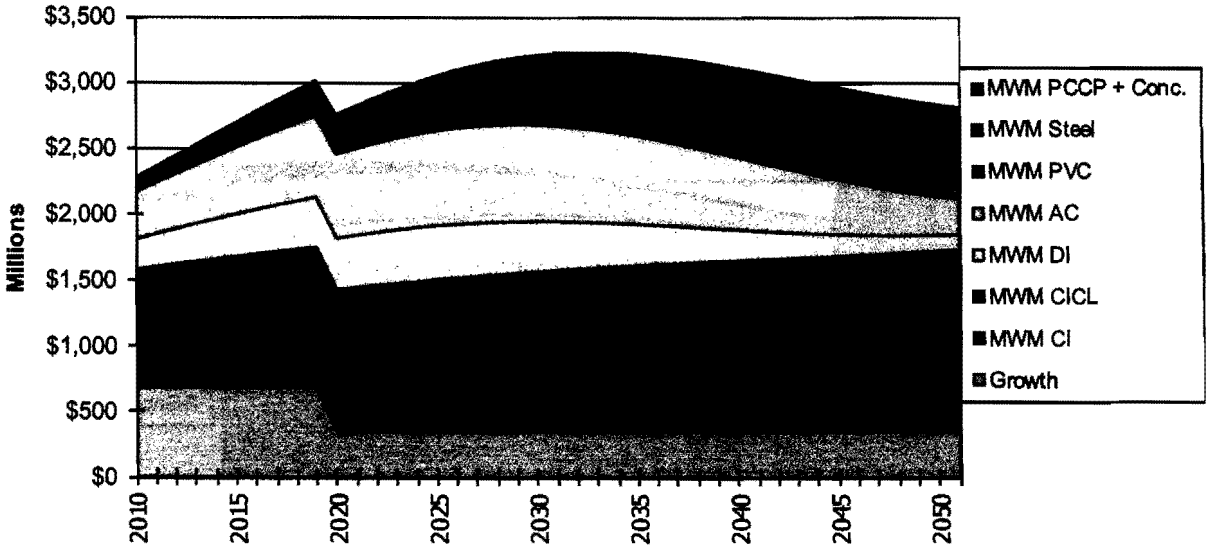

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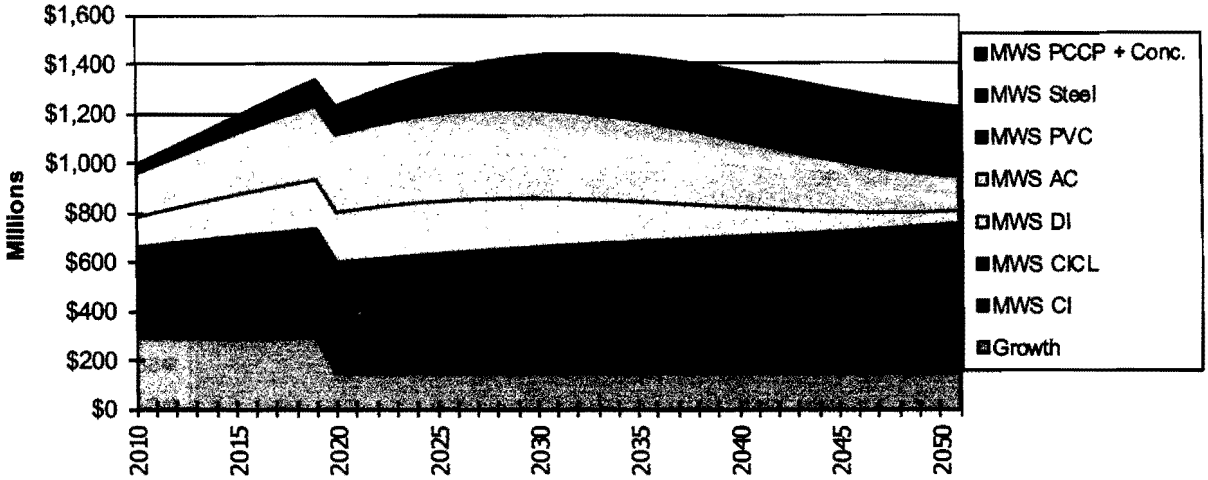

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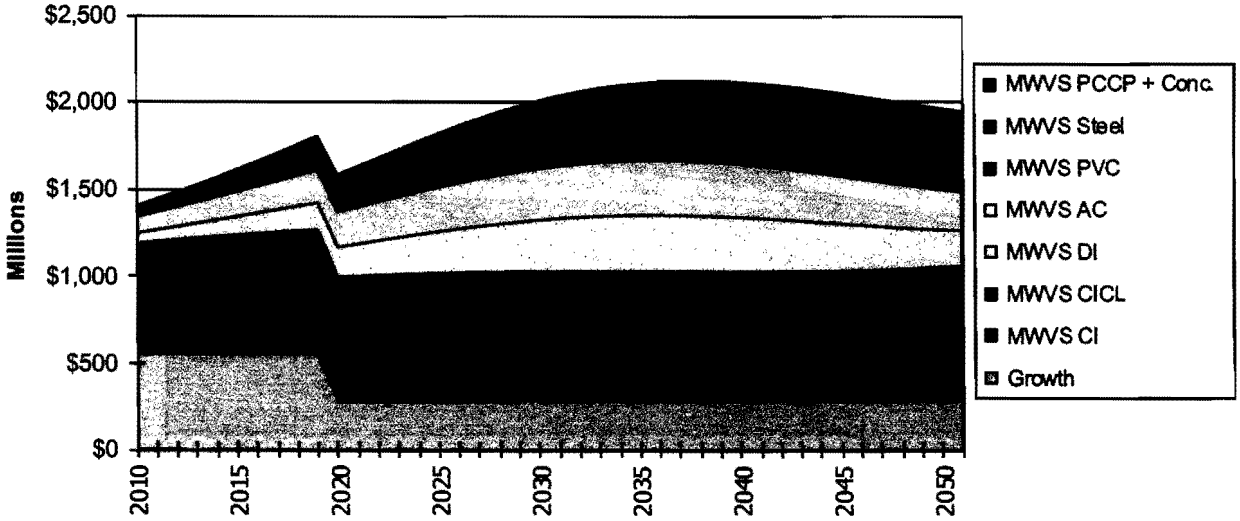

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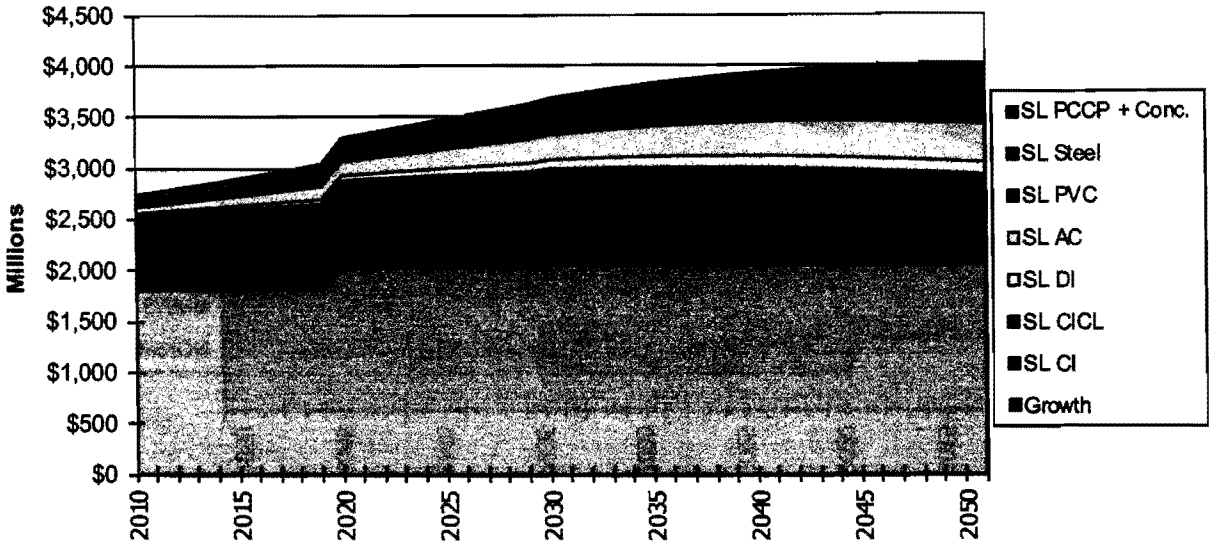

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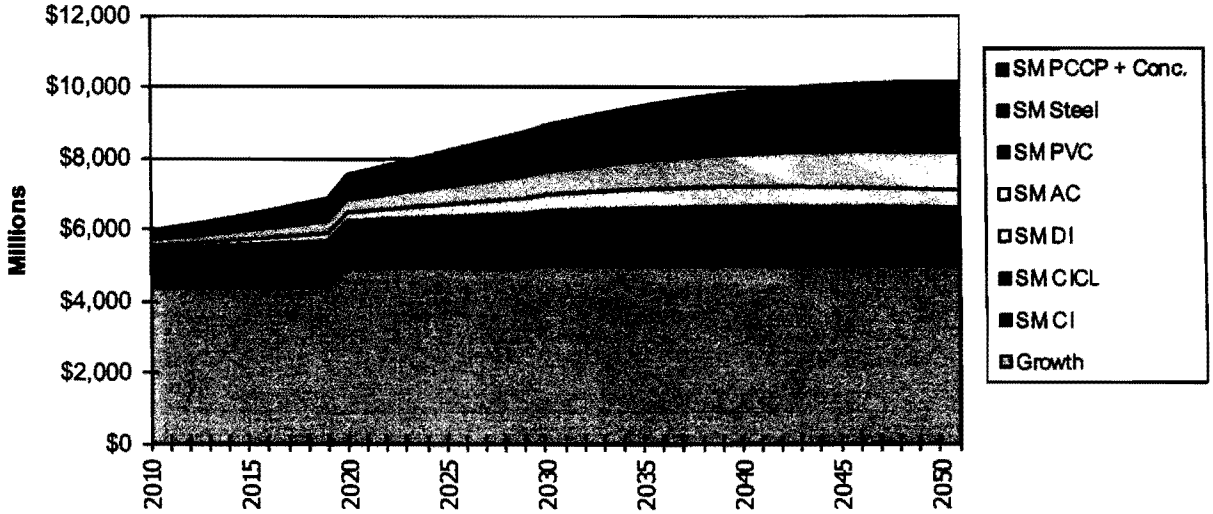

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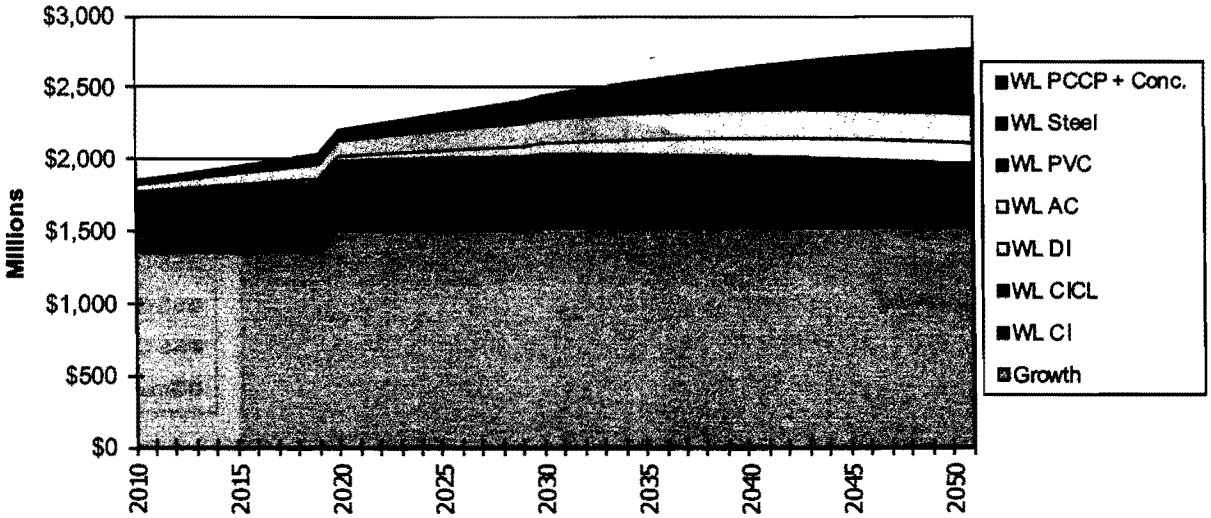
West Large



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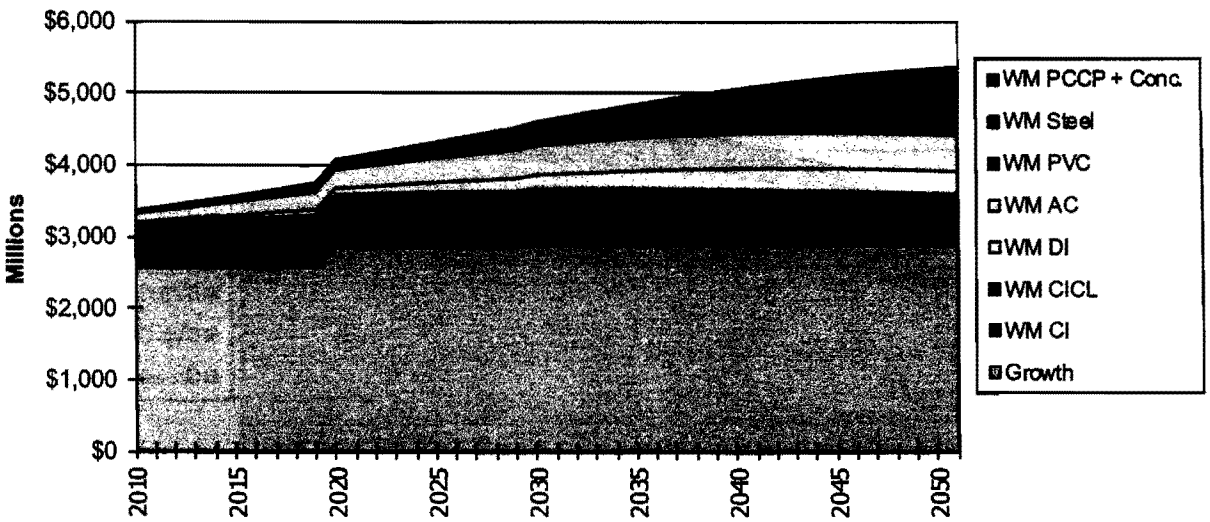

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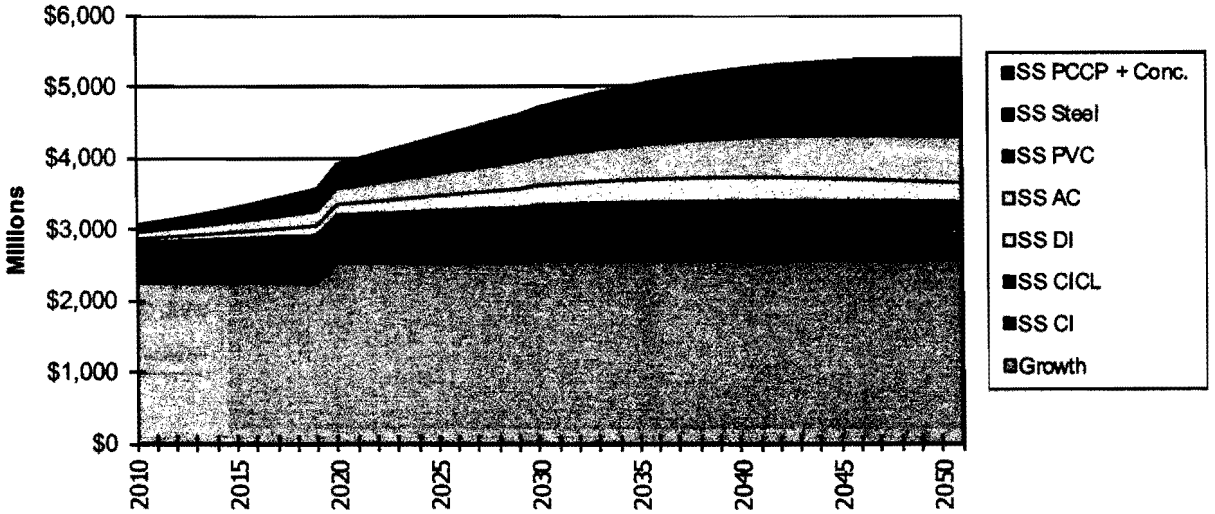

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Investment for Replacement & Growth
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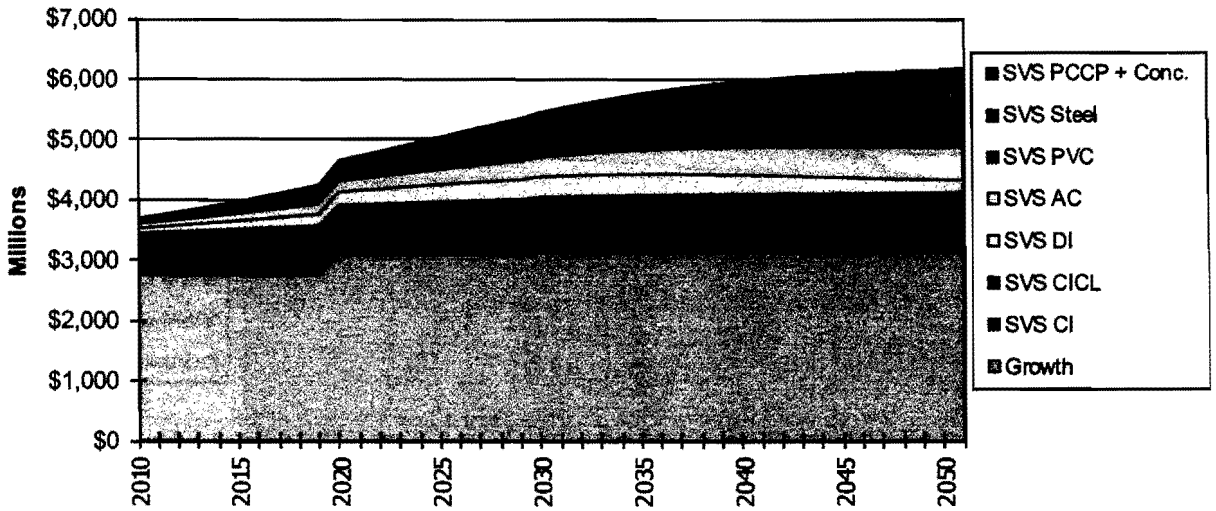

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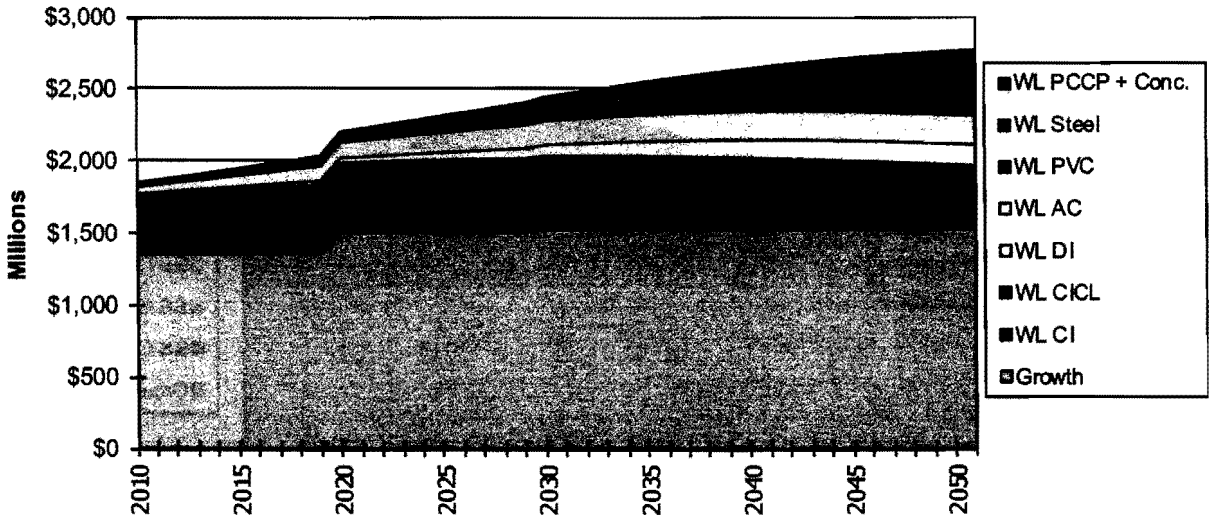

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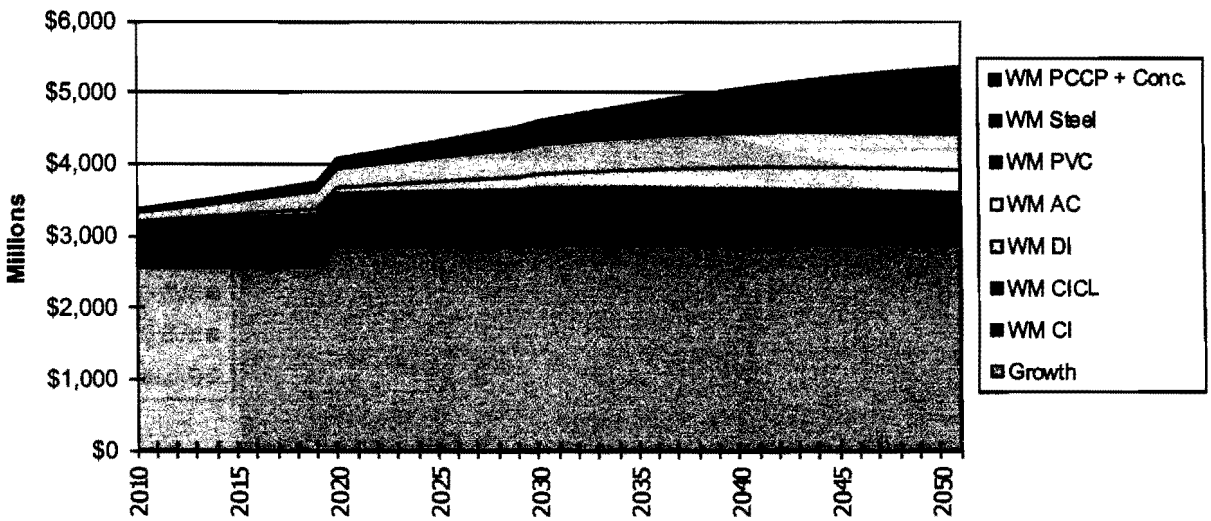

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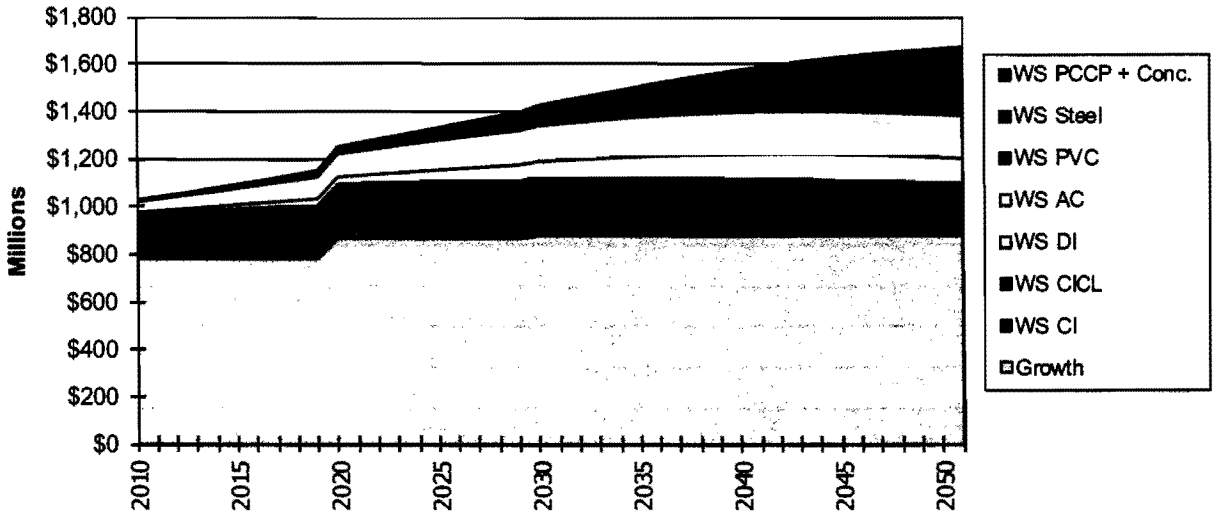

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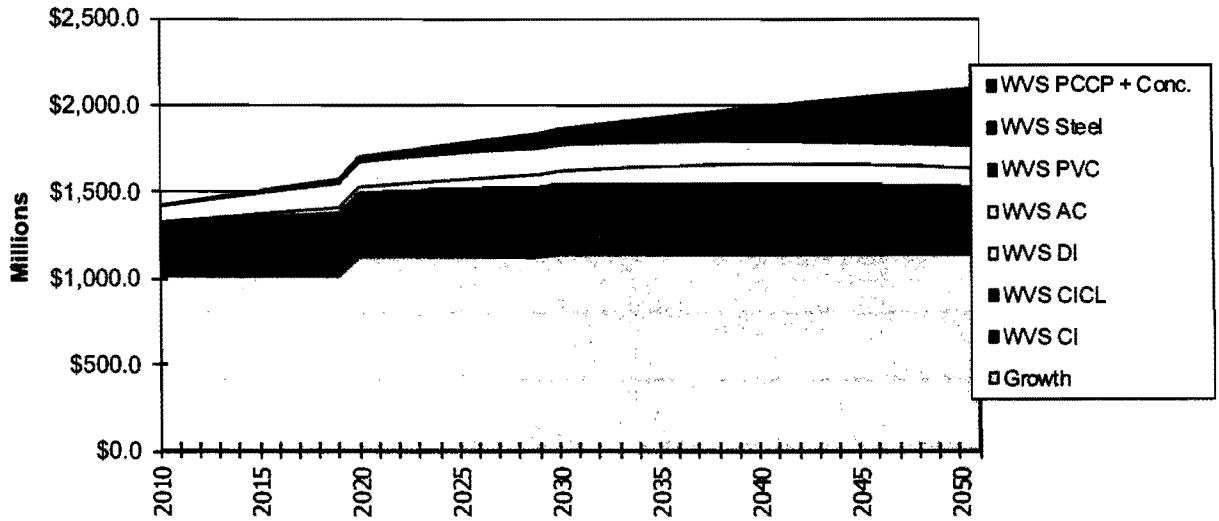

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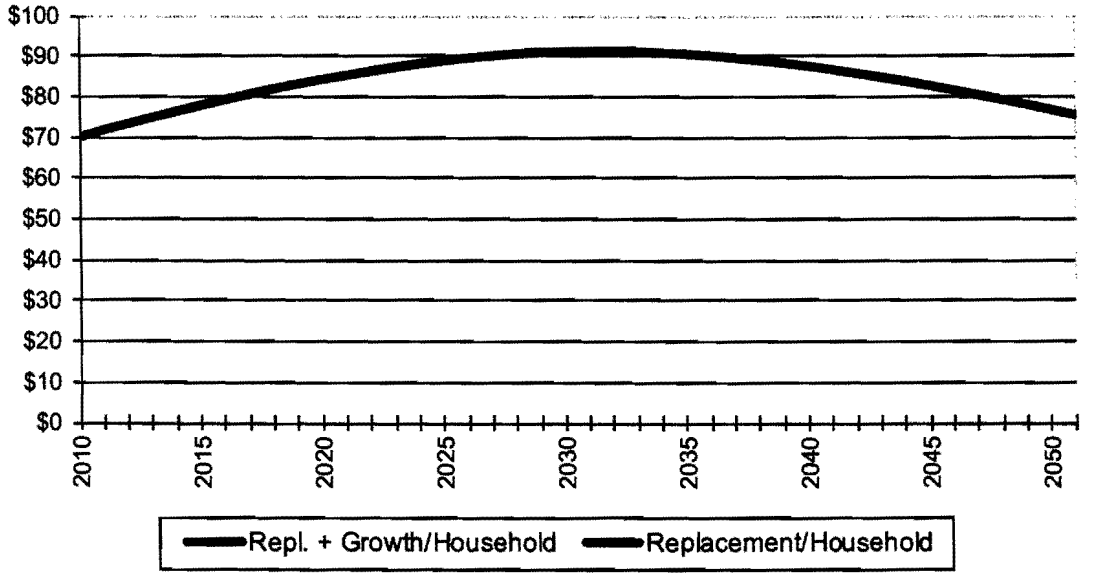
Household Cost of Needed Investment for Replacement Plus Growth*

Northeast Large



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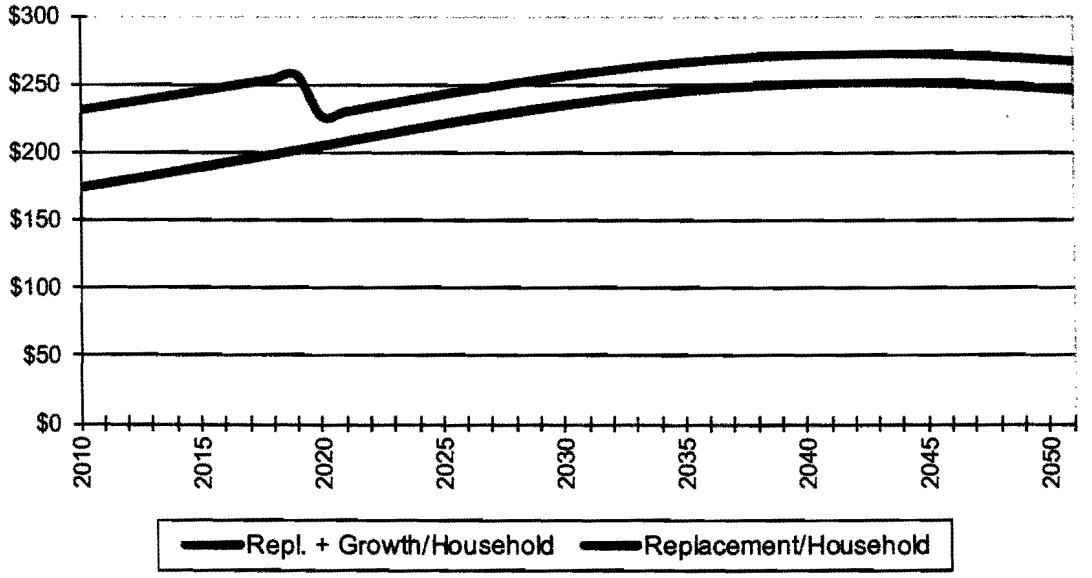
Household Cost of Needed Investment for Replacement Plus Growth*

Northeast Medium



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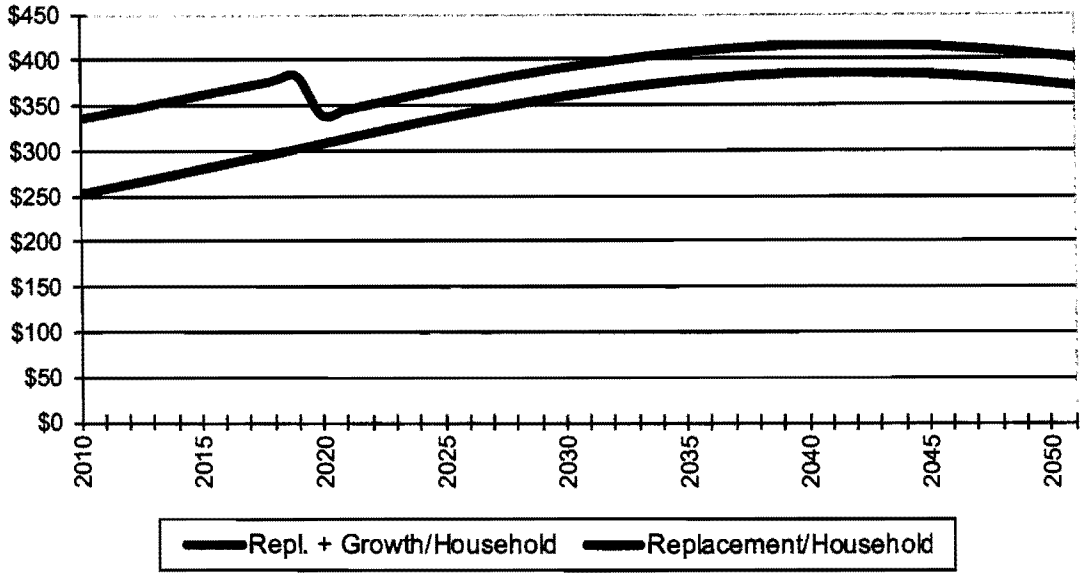

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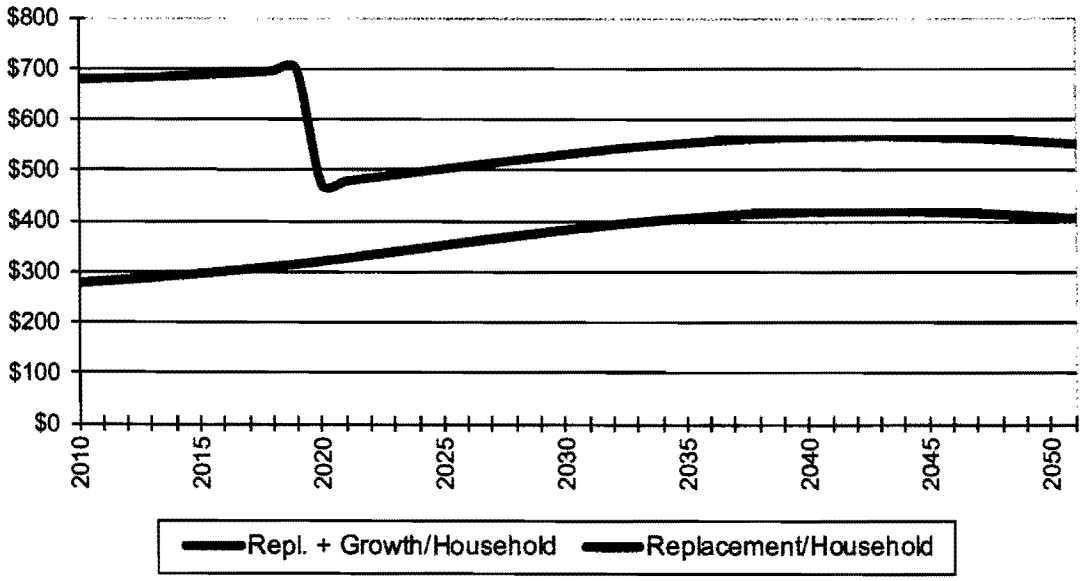

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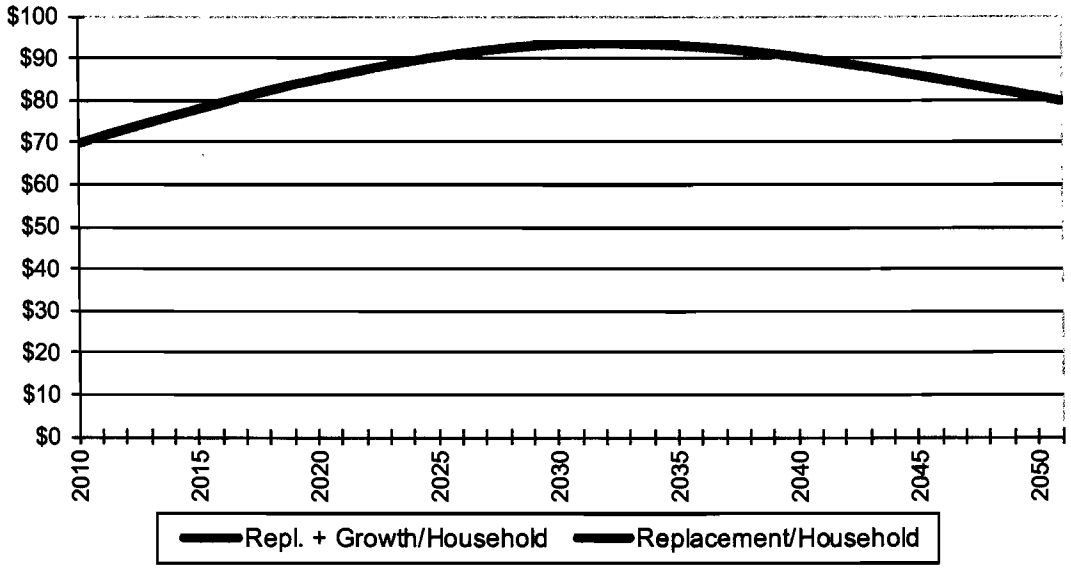

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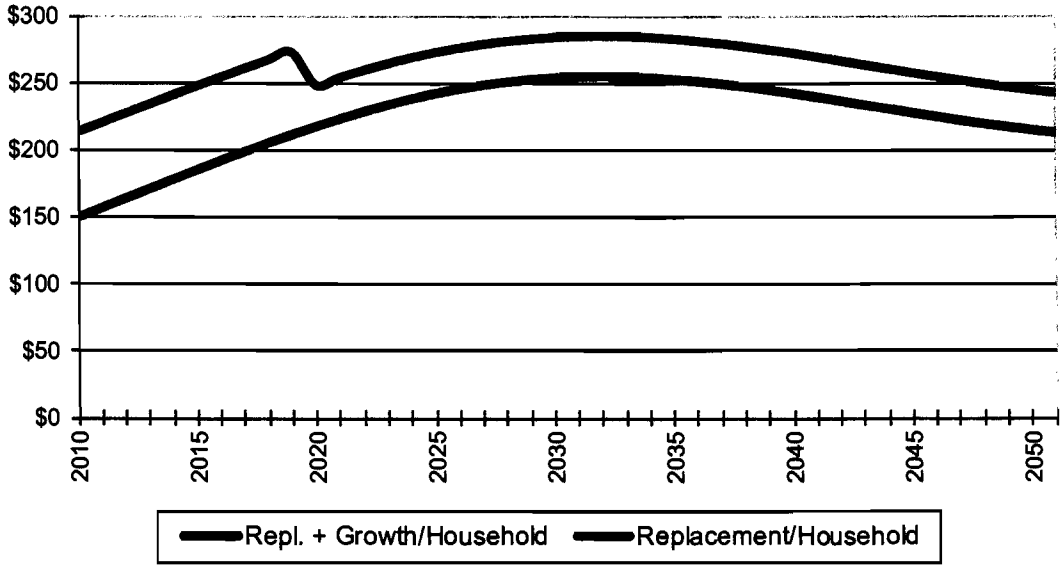

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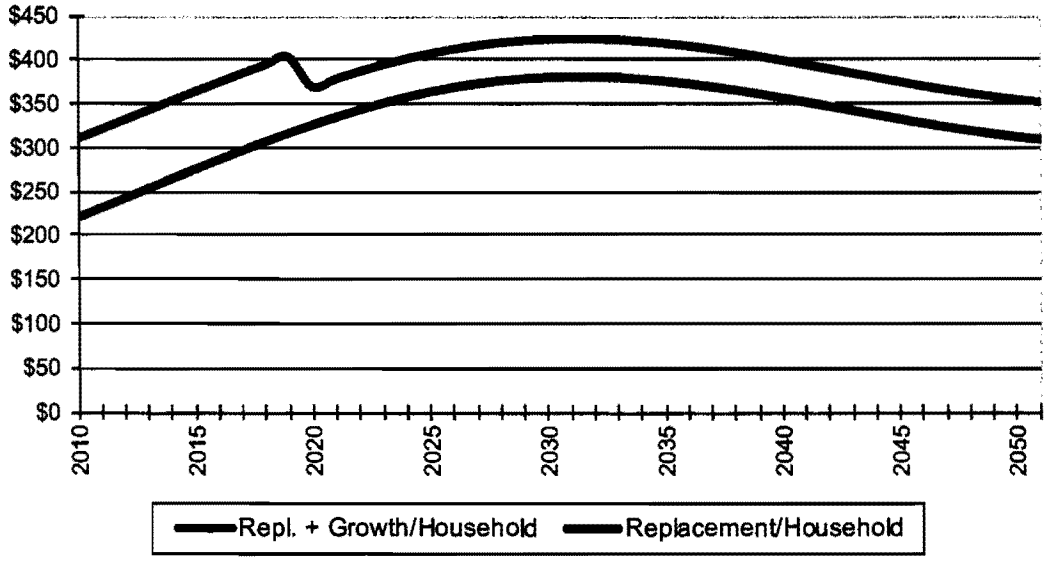

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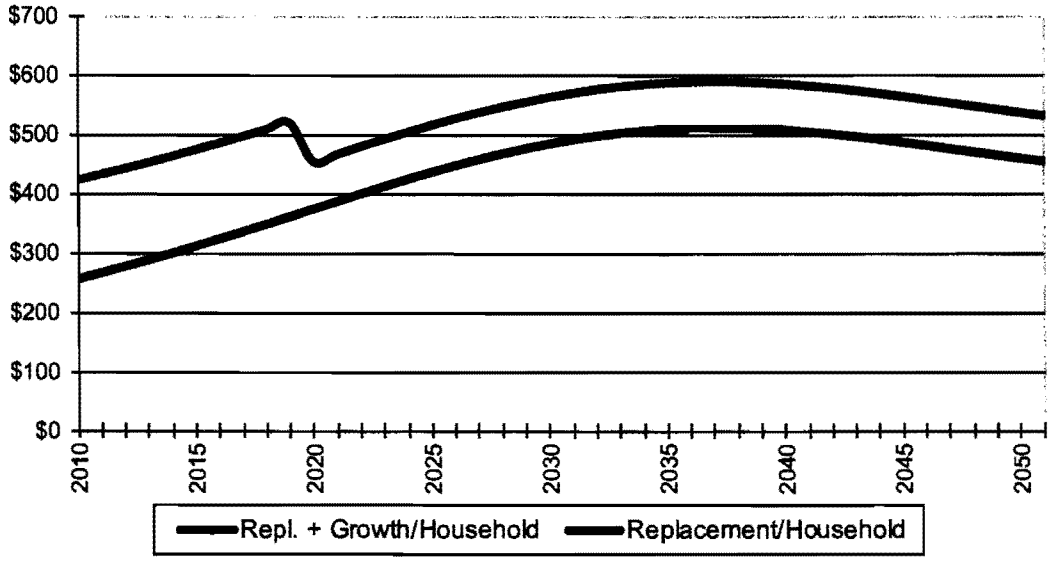

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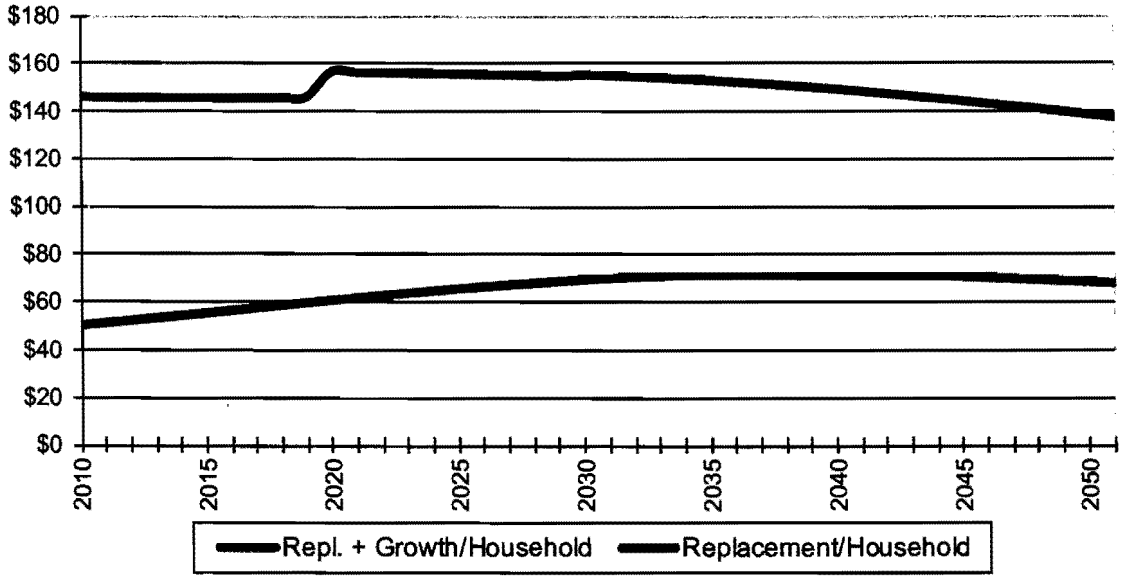

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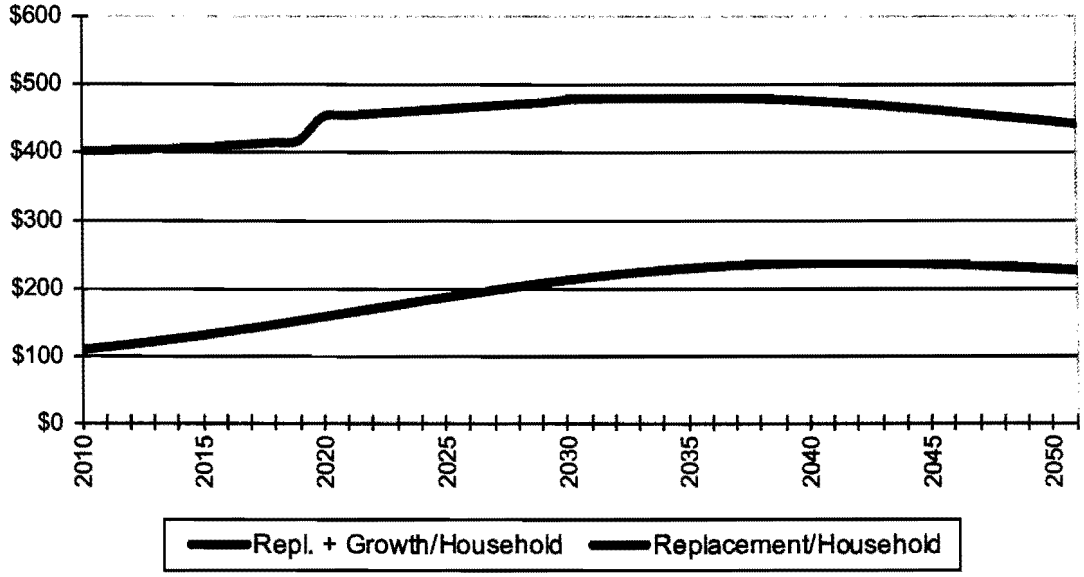

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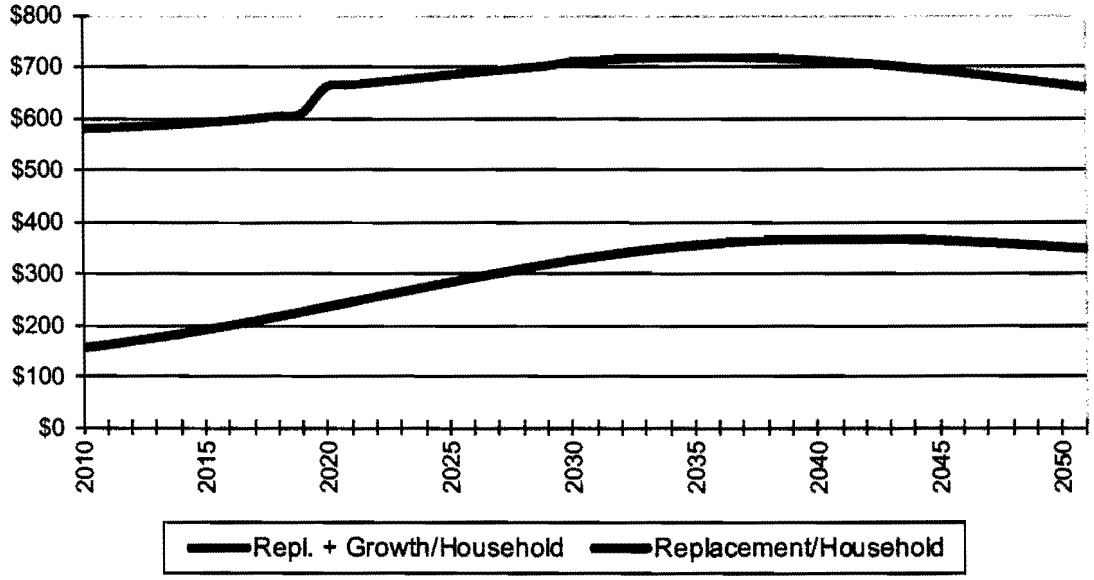

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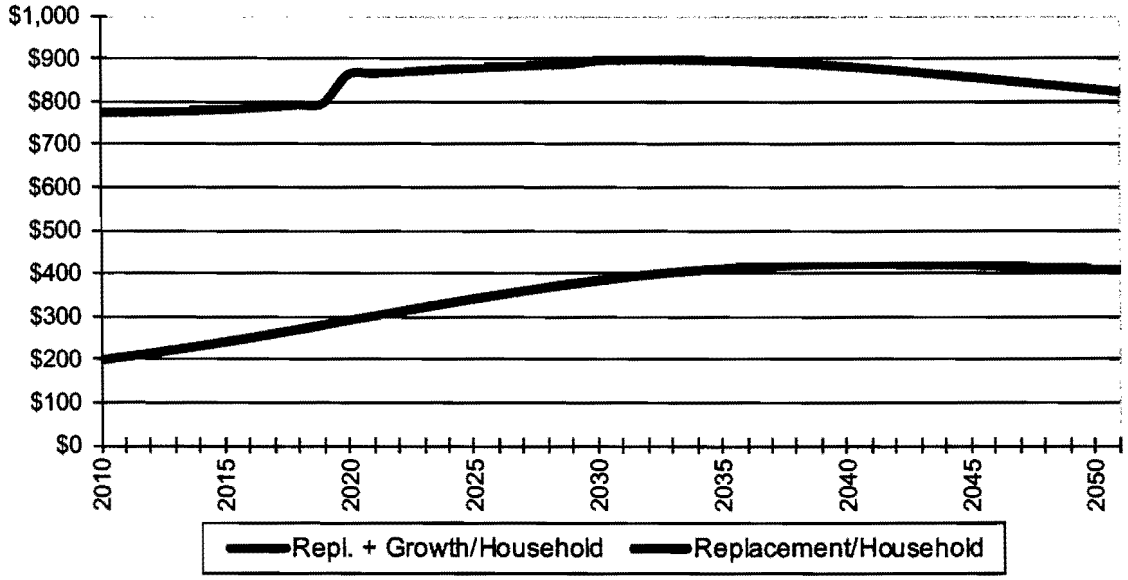

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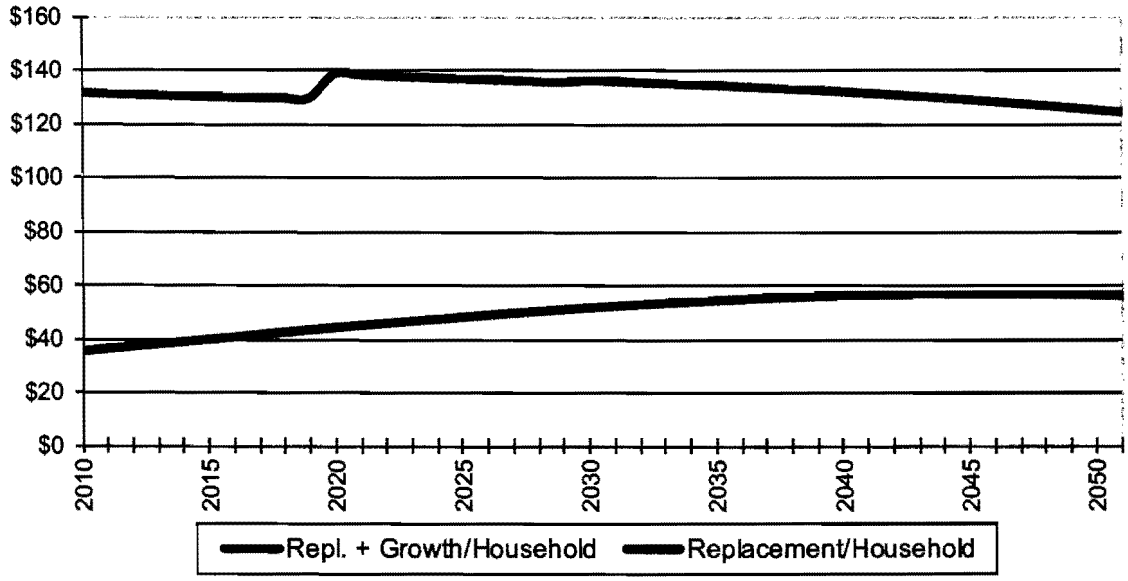

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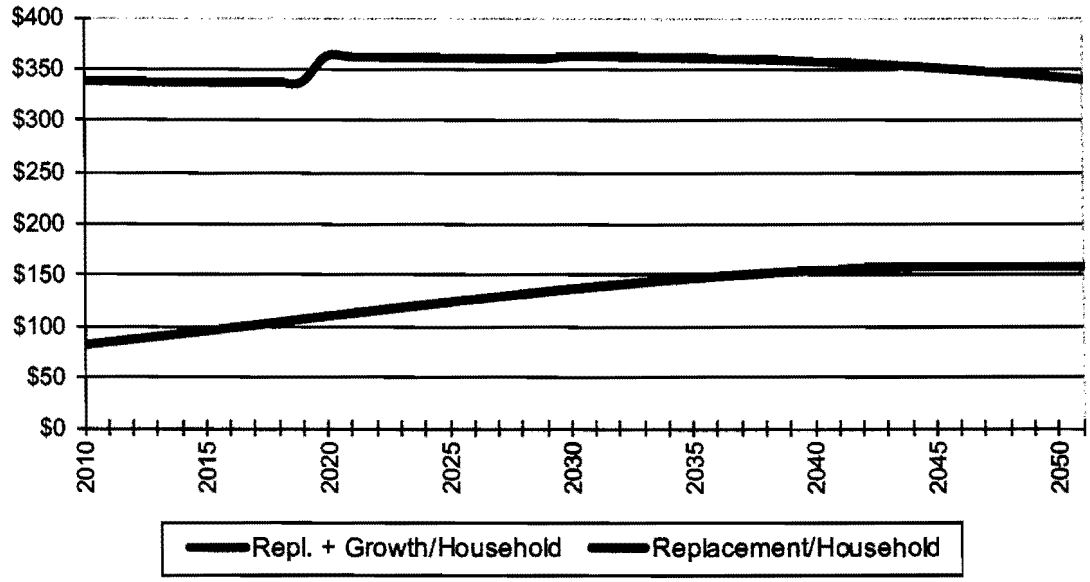

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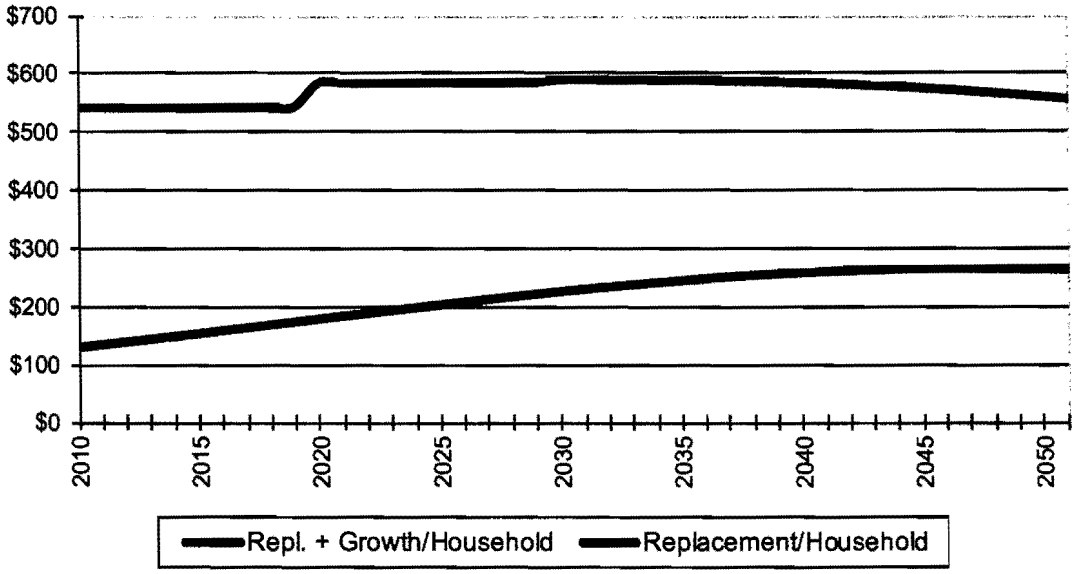

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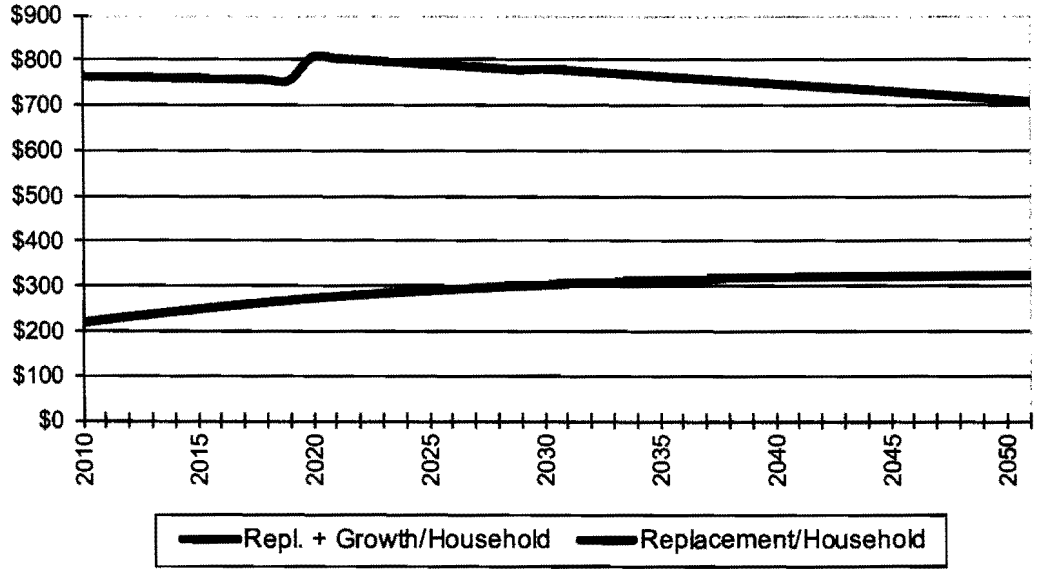
Household Cost of Needed Investment for Replacement Plus Growth*

West Very Small



**This assumes costs are spread evenly across households of 2.6 persons each, based on data from the US Census.*

The charts show per household costs for replacement, and for replacement plus growth. The model assumes costs are spread evenly over households averaging 2.6 persons per household in accordance with US Census data. An artifact of the model and US Census data result in an apparent upward or downward "spike" in growth-related needs between certain decades. In reality, the apparent sudden shift in growth-related needs will be spread more evenly over the years bridging each decade to the next."