

# REGIONAL 2030 CLIMATE AND ENERGY ACTION PLAN

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# Timeline

| Regional Climate Plan Updated Timeline |  |
|--|--|
| June 2020                              | <ul style="list-style-type: none"> <li>BEEAC review of Scenarios, weight in on Plan's goals</li> <li>Provide detailed spreadsheets of plan technical elements (BAU, scenarios, CRVA) to local jurisdictions.</li> </ul>                                      |
| July 2020                              | <ul style="list-style-type: none"> <li>July 8, 2pm - BAU and Scenario Technical Elements Q&amp;A Webinar</li> <li>July 15 - BEEAC deadline for comment on technical elements</li> <li>July 22 CEEPC review of Scenarios, weigh in on Plan's goals</li> </ul> |
| September 2020                         | <ul style="list-style-type: none"> <li>Present Draft Plan language and Climate Goals Resolution to ACPAC, BEEAC, CEEPC</li> <li>CEEPC would need to approve resolution to go to COG Board</li> </ul>   |
| October 2020                           | <ul style="list-style-type: none"> <li>Climate Goals Resolution for COG Board adoption</li> </ul>  |
| November 2020                          | <ul style="list-style-type: none"> <li>Plan put forward to CEEPC for adoption</li> </ul>   |
| December 2020                          | <ul style="list-style-type: none"> <li>Submit to GCoM; 1<sup>st</sup> US Region fully meeting GCoM global standards for climate planning</li> </ul>  |



# Regional Climate Goals

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## EXISTING

- 20% by 2020, below 2005 levels
- 80% by 2050

## PROPOSED

### Mitigation:

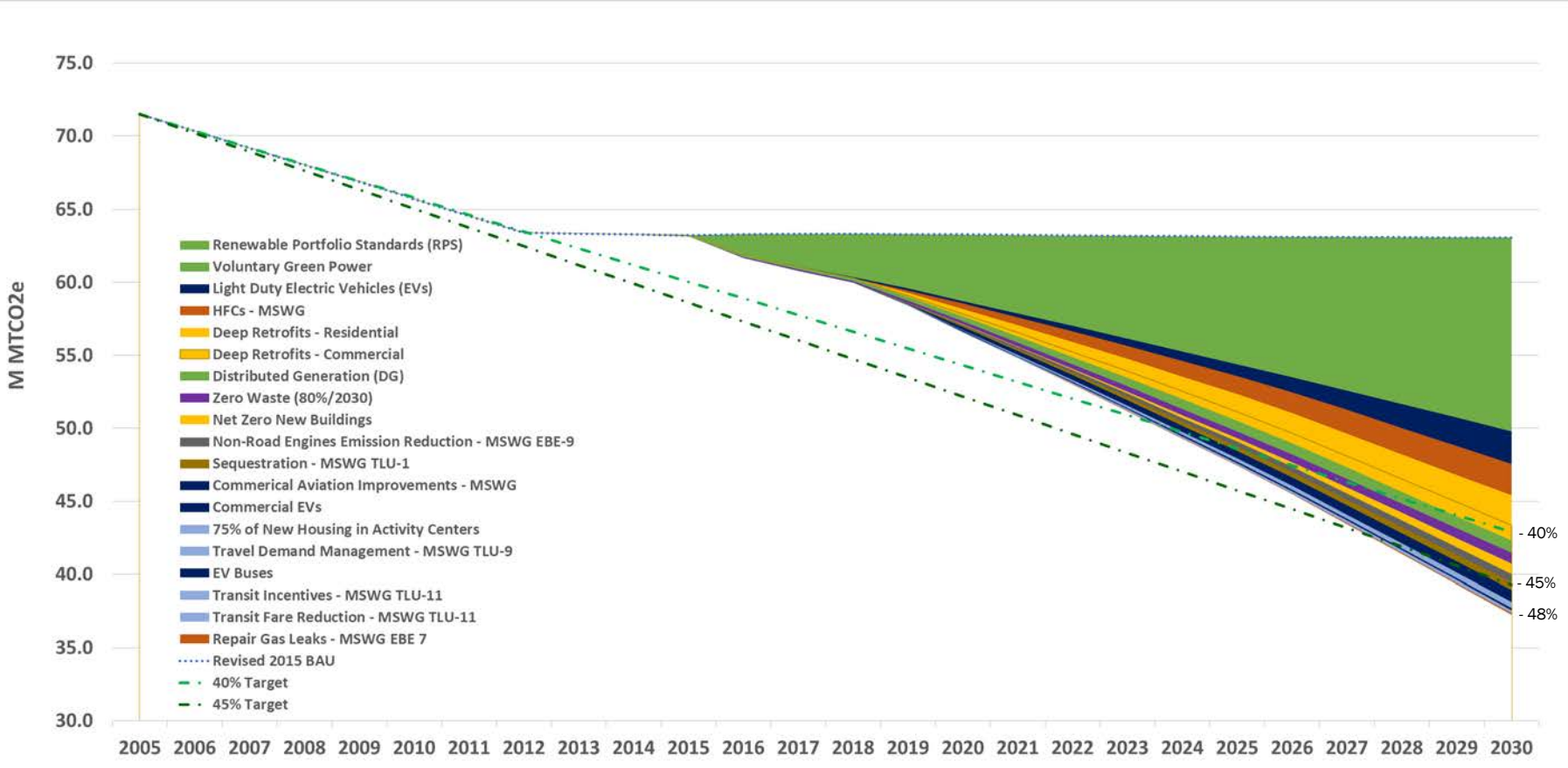
- 40% or 45% by 2030?
- Carbon neutrality by 2050

### Resilience:

- Climate Ready Region by 2030
- Achieve Regional Resilience by 2050

# Scenarios

What Would It Take to Get to 40% – 45% by 2030



# Assumptions

| Updated Scenario Assumptions  |  |
|-------------------------------|--|
| Renewable Portfolio Standards | <ul style="list-style-type: none"> <li>Current standards (DC 87%, MD 50%, NOVA 38% by 2030)</li> </ul>   |
| Distributed Generation        | <ul style="list-style-type: none"> <li>&gt; 200,000 additional systems (at current size); equivalent to 24% of single-family homes with solar</li> </ul> |
| Green Power Purchases         | <ul style="list-style-type: none"> <li>Continued 10% annual growth</li> </ul>  |
| Electric Vehicles             | <ul style="list-style-type: none"> <li>NREL Electrification Futures Study (medium to high EV adoption rates)</li> </ul>                                  |
| Future Housing                | <ul style="list-style-type: none"> <li>75% of new housing in Activity Centers or high capacity transit</li> </ul>  |
| Net Zero                      | <ul style="list-style-type: none"> <li>Achievement of all new construction net zero energy by 2030.</li> </ul>   |
| Deep Retrofits                | <ul style="list-style-type: none"> <li>2% of residential and commercial deep retrofits annually</li> </ul>   |
| Zero Waste                    | <ul style="list-style-type: none"> <li>80% by 2030</li> </ul>  |



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