45Q Update

Credit 2008-2018:

- $20 per metric ton disposed of in secure geologic storage
- $10 per metric ton used for EOR or EGR in a qualified manner

Available credits: 75 million Tons

Updated Credit (included in the February 2018 “Bipartisan Budget Act of 2018”):

- Credit available to qualified facilities for 12 year period
- Applicable Amounts for projects placed in service on after the date of enactment
  - $50 for secure geologic storage, with the credit increasing annually until the full value is reached in 2026
  - $35 per metric ton for EOR, EGR, or utilization with the credit increasing annually until the full value is reached in 2026

Defines qualified Carbon Oxides (CO or CO$_2$)
- Captured from an industrial source or the ambient air
- Measured at point of capture and verified at the point of disposal/injection/use
- Excludes gases recaptured during EOR process

Qualified facilities:
- Construction must begin by Jan 1, 2024
- Original planning and design includes carbon capture equipment
- 25,000 t/CO$_2$ captured and used or facilities that emit less than 500,000 tons
- 500,000 t/CO$_2$ captured for electric generating facilities

Utilization, including Photo- or chemo-synthesis, chemical conversion, other purposes for which commercial markets exist

Credit can be claimed by owner of capture equipment or transferred to disposal/use entity