

Regulation & Policies to Support SAF

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State & Federal Support

State:

- Clean Fuel Standard
- SAF Working Group efforts to add further SAF incentives
- Review of low carbon facility permitting challenges

Federal:

- Inflation Reduction Act
- SAF Grand Challenge
- 2023 FAA Reauthorization Act

Clean Fuel Standard

- In place in California, Oregon, British Columbia
- Signed into WA law in 2021. Now in rule-making for Jan 1, 2023 start date
- Sets a carbon intensity target for on-road gasoline and diesel fuel, and obligates fossil fuel producers to reduce carbon or buy credits to meet targets
- Allows other sectors like aviation fuels to “opt-in” to credit generation for using SAF
- Has helped drive SAF market in California

Support for SAF in the IRA

Blenders Tax Credit

- \$1.25 to \$1.75/gall credit for SAF produced
- Scaled to lifecycle GHG emissions
- Must meet minimum 50% reduction to qualify

Production Tax Credit

- From \$0 to \$1/gall for any clean fuel produced
- Scaled to lifecycle GHG emissions
- Must meet minimum 50% reduction to qualify

\$300M Low Emission Aviation Program

- Grants to support making, transporting, blending or storing SAF
- Other projects to support fuel efficient flying/reduce aviation emissions

Other Federal Opportunities

SAF Grand Challenge:

- Biden Administration coordination on SAF between Departments of Energy, Transportation, Agriculture, Defense, NASA, GSA, and the EPA
- Goal is to increase the production of sustainable aviation fuels to at least 3 billion gallons per year by 2030

2023 FAA Reauthorization

- Opportunity to institute longer, more permanent SAF policies into legislation (i.e. - AERO Act to create 5 year, \$1.5 billion SAF infrastructure program)

Other Projects at SEA to Reduce Emissions

- APU run-time reductions, aircraft taxi/hold time reductions
- eGSE and renewable diesel
- Electrifying ground transportation
- Electrifying fleet vehicles
- Electrifying heating/buildings and sustainable framework
- Zero emission backup power systems – exploring options



Thank You!