

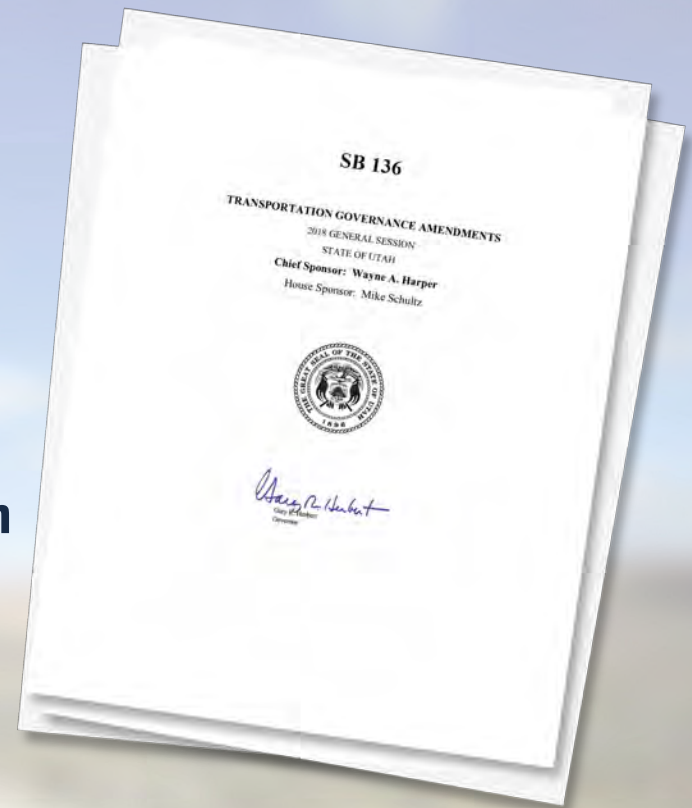


Utah Transportation Commission

January 2019

SB 136 – Road Usage Charge Study Recommendations

- **Set up Road Usage Charge (RUC) Advisory Committee**
- **Provide RUC alternative to paying flat fee for:**
 - **Electric vehicles**
 - **Plug-in hybrids**
 - **Gasoline hybrids**
- **Consider privacy, methods for reporting road usage, and options for administrating the system**
- **Implement initial system by January 1, 2020**
- **Submit annual report of findings**
- **Future pilot projects**

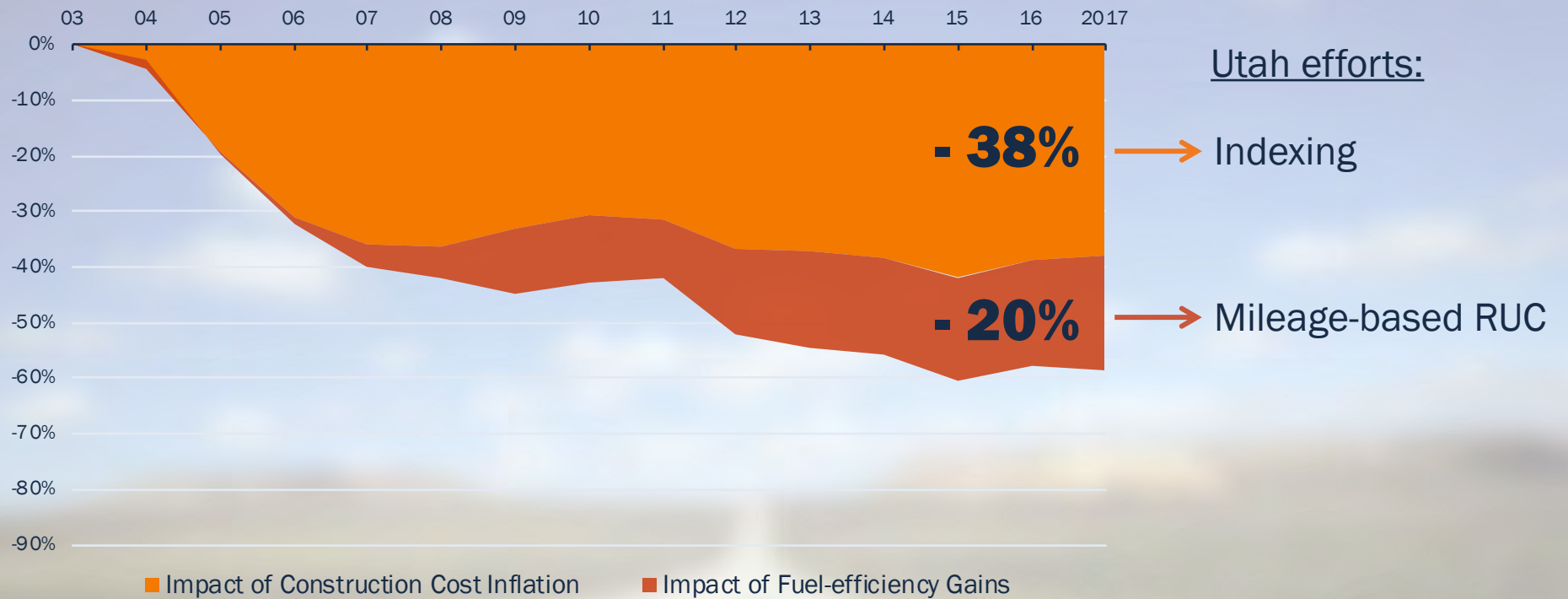


Advisory Committee & Technical Groups

- Full Advisory Committee meetings
 - May 3, 2018
 - August 13, 2018
 - November 19, 2018
- Frequent work sessions with technical groups
- Transportation and Tax Review Task Force
 - Dec 19, 2018



Gas Tax Revenue Decline Across the Nation



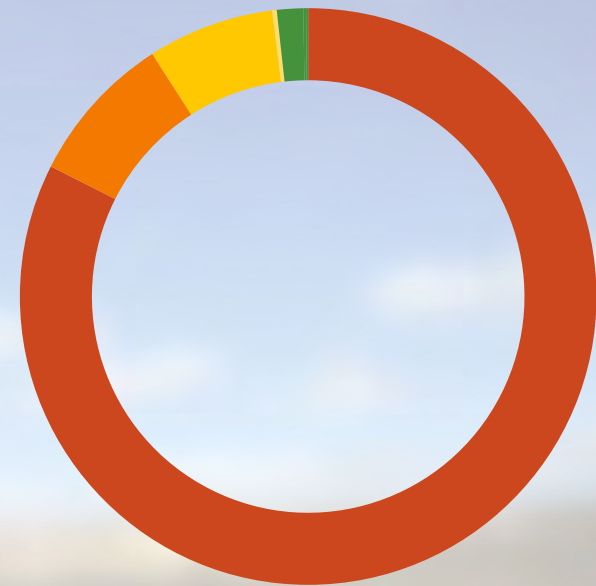
Utah's Vehicle Fleet – Program Eligibility

By Fuel Type

■ Gasoline	2,105,454	82%
■ Diesel	216,081	9%
■ Flex Fuel	181,098	7%
■ All Other*	51,069	2%
Total Vehicles	2,553,702	

*RUC-eligible Types:

■ Gas Hybrid	37,460	84%
■ EV	4,016	9%
■ PHEV	2,988	7%
Total RUC-Eligible Vehicles	44,464	



Utah Growth in EV & Hybrid Registration

Electric vehicles
experienced

47%

annual growth in
registration 2015-18.

*Increase of 1,108 EVs from 2017-18

Hybrid vehicles
experienced

14%

annual growth in
registration 2015-18.

*Increase of 4,488 hybrids from 2017-18

Average Annual Gas Tax Payments

EV	Gas Hybrid	Sedan	Pickup	Heavy Truck
DOESN'T APPLY	50 MPG	25 MPG	15 MPG	6 MPG
\$0	\$150	\$301	\$501/\$564	\$1,409
				
				

1. Based on 30 cents/gal State tax (gasoline/diesel) and 15,542 miles driven annually by average Utah vehicle.
2. Based on Federal tax of 18.4 cents/gal for gasoline and 24.4 cents/gal for diesel.
3. Pickup truck costs listed for both gasoline and diesel values; heavy truck costs listed for diesel only.

Transportation Fee Payment Options – SB 136

Option A

Owners of alternative fuel vehicles pay **annual flat fee**, intended to offset lost gas tax revenue. (Starting Jan 2019)

Annual Fee Schedule			
Year	EV	PHEV	Gas Hybrid
2019	\$60	\$26	\$10
2020	\$90	\$39	\$15
2021+	\$120	\$52	\$20

Option B



Owners of alternative fuel vehicles enroll in **RUC program** and pay a **per-mile fee** (*not to exceed annual flat fee*) based on actual miles driven. (Starting Jan 2020)

Per-mile Fee






Elements of a Utah RUC System Based on Advisory Committee Input








Data Collection Tech





-  OBD-II GPS Devices 16
-  Odometer Capture 2
-  Smartphone Apps 15
-  Telematics 2

Vehicle Types

-  EV 16
-  PHEV 16
-  Gas Hybrid 16
-  Autonomous 0
-  Gas/Diesel 16
-  Heavy Truck 2

Systems/Processes

-  DMV Registration 0
-  Out-of-state Detection 16
-  Public/Private Roads 16
-  Regional Interop. 14
-  Tolling Integration 12
-  Paved/Unpaved Roads 0
-  Federal/State Lands 0

-  Element at launch
-  Element under discussion
-  Potential future element
-  # Number of other states considering or using element

Commercial Account Manager (CAM) Procurement



Recent meetings with vendors



Request for Information (RFI) in process

- Posted: Oct 2018
- Closed: Nov 2018



Request for Proposals (RFP) coming up

- Draft: Dec 2018
- Final: Feb 2019
- Selection: Summer 2019
- System Testing: Fall 2019

Enrollment Process



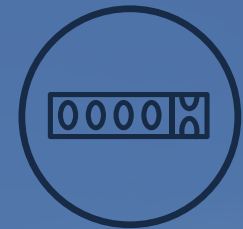
Enroll online with name and license plate number.



Provide valid credit or debit card for prepaid wallet.



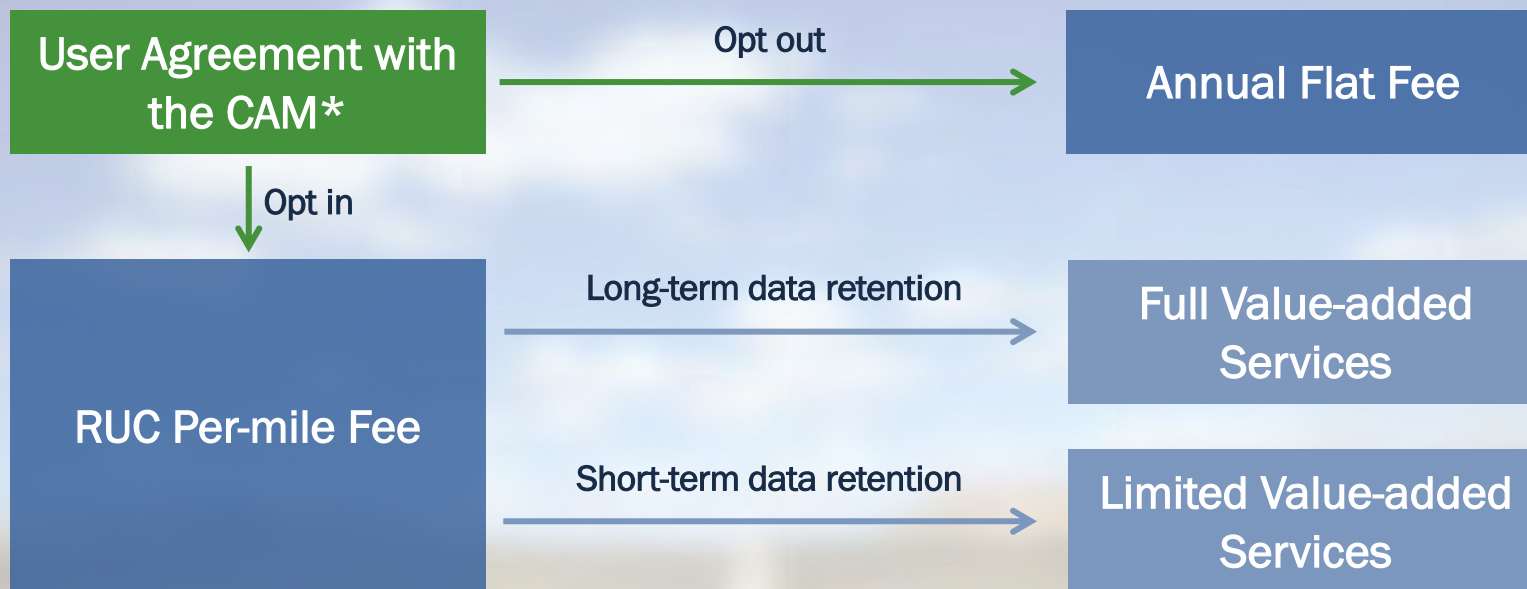
Complete CAM user agreement.



Submit initial odometer capture.



Approach to Enrollment



* CAM = Commercial Account Manager

Enrollee Privacy Options

RUC Per-mile Fee

RUC payer is able to:

- View their collected data
- Dispute erroneous charges
- Be protected from GRAMA requests
- Be protected from release of personal data except in criminal proceeding

CAM is able to:

- Collect raw location data but not share w/State (except for disputes)
- Send mileage summaries to State
- Share aggregated anonymized data with the State
- Sell aggregated anonymized data

Long-term
data retention

Full Value-added Services

CAM retains raw location data until enrollee leaves RUC system

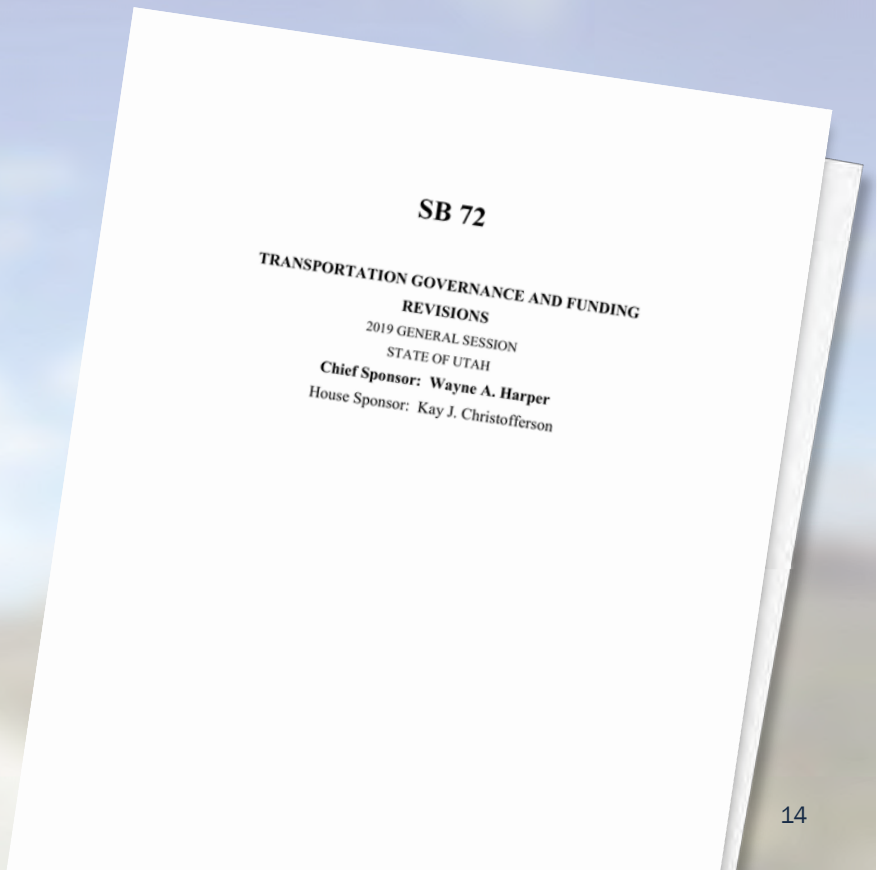
Short-term
data retention

Limited Value-added Services

CAM retains raw location data for current billing cycle only

2019 Legislature – SB 72 (Draft)

- Authorizes UDOT/DMV information sharing
- Allows EV/PEHV/Hybrid vehicles to participate into a Road User Charge (RUC)
- Grants rulemaking authority for Utah Transportation Commission to set RUC rates
- Grants rulemaking authority for UDOT
 - To hire CAM and administer program
 - Implement enforcement mechanisms such as registration hold
 - Establish yearly fee payment caps and other enrollment components



Communication Update

- Fall 2018
 - Presentations
 - Website link and information page
- January 2019
 - Surveys and focus groups
 - Legislative communications
- Spring 2019
 - RUC Utah branding
 - Website and social media pages
 - Educational outreach to EV owners



Questions?

