

LCFS Updates & Non-Regulatory Changes

Industrial Strategies Division
Transportation Fuels Branch

June 2, 2016
Sacramento, CA

California Environmental Protection Agency
 **Air Resources Board**

Overview – LCFS Updates

- Pathway Certification Updates
 - BD/RD Application Processing Status
- Proposed Concept: Unique Identifiers for LCFS Credits

Pathway Certification Updates

Anticipated Pathway Release Dates

Fuels	Anticipated Release Date	CI Effective Date
Ethanol	March 31, 2016	1 st quarter 2016
BD/RD	June 30, 2016	2nd quarter 2016
CNG/LNG/L-CNG	September 30, 2016	3 rd quarter 2016
Others	September 30, 2016	3 rd quarter 2016
All Provisional Fuel Pathways	ASAP (and not limited by schedule above)	Quarter certified

Certification Status of BD/RD Pathways

Status	Re-cert		New		Total
	Tier 1	Tier 2	Tier 1	Tier 2	
Completed	21	0	14	0	35
Rejected/Withdrawn/Consolidated	17	0	38	0	55
In-Progress	8	3	12	7	30
TOTAL:	46	3	64	7	120

Reasons for Rejection

- Method 1 not eligible for re-certification
- Applications without adequate plant energy use data
- Applications that did not provide supporting invoices for feedstock sourcing

Pathway Certification Process

- All BD/RD re-certifications will be made available to applicants for review
- Applicants will have seven business days to review and either accept or reject CI
- If applicants accept CI, requires them to upload the attestation letter & company letter to the AFP system and send the original via mail
<http://www.arb.ca.gov/fuels/lcfs/lcfs.htm>
- If applicants reject CI, may reapply
- All pathway CIs available from one website:
<http://www.arb.ca.gov/fuels/lcfs/fuelpathways/pathwaytable.htm>

New Guidance Document

- Draft guidance document posted for modeling the carbon intensity (CI) of sugarcane-based ethanol pathways using the CA-GREET 2.0 Tier 1 Calculator

http://www.arb.ca.gov/fuels/lcfs/lcfs_meetings/lcfs_meetings.htm

Questions?

Feedback related to
pathway certifications and draft guidance
should be sent to LCFSWorkshop@arb.ca.gov by
June 16, 2016

Proposed Concept Unique Identifiers for LCFS Credits

Unique Identifiers (UIDs) Benefits

- UIDs (an alpha numeric code unique to each credit) will be assigned when a credit is first generated in the LRT-CBTS
- Ability to track a credit throughout its lifecycle
- Credit traceability ensures effective monitoring, verification & enforcement for LCFS

Unique Identifiers in different programs

Feature	California LCFS	EPA RFS RINs	California Cap-and-Trade
Unique Identifiers	Proposed	Yes	Yes
Type	Alpha Numeric	Numeric	Numeric
Credit source information embedded	TBD	Facility, Fuel type, Batch number, etc.	Allowance/Offset, Vintage, Project type, etc.
Unique identifier origin	System (LRT-CBTS)	Fuel Producer/Importer	System (CITSS)
Visibility	TBD	Most info visible to stakeholders	Some info not visible to stakeholders
Distinctions	Separate format for credits and deficits?	Same scheme for all RINs	Same scheme for all instrument types
Program Jurisdiction	California	Federal	WCI

UIDs – Questions for Stakeholders

- What information should be contained in the UID code?
 - Vintage of credit/deficit (yearly, quarterly)?
 - Fuel type?
 - Firm originating the credit?
 - Credit generating alternate fuel facility?
- What portion of this information should be available to:
 - The credit originator?
 - Subsequent credit recipients?
 - Only to the system administrator?

Questions?

Feedback related to
unique identifiers for LCFS credits
should be sent to LCFSWorkshop@arb.ca.gov
by June 16, 2016