



Governor Kim Reynolds
Lt. Governor Adam Gregg

Adam Steen, Director

June 9, 2023

MEMORANDUM

TO: The Honorable Kim Reynolds, Governor of Iowa
Charlie Smithson, Secretary of the Senate
Meghan Nelson, Chief Clerk of the House of Representatives

FR: Adam Steen

RE: Code of Iowa, Chapter 8A.369 Qualified Renewable Fuels Report for Calendar Year 2022

Pursuant to Code of Iowa, Chapter 8A.369 please find attached the Qualified Renewable Fuels Report for Calendar Year 2022. If you have any questions, please contact me at 725-2205.

Attachment

State Renewable Fuels Compliance Report

<https://www.legis.iowa.gov/legislation/BillBook?ba=HF2128&ga=89>

Due: July 1, 2023

State Fleet Information

Name	City	Contact Person	Phone	Email
State of Iowa Consolidated Report	Des Moines	Mariah Flowers	515-414-6582	mariah.flowers@iowa.gov

General Information:

The Department of Administrative Services shall prepare an annual state fleet qualified renewable fuels compliance report.

The report shall consolidate information compiled by: Commission for the Blind, State Board of Regents, Department of Transportation and the Department of Corrections.

The report will consist of information from the determination period of January 1-December 31.

The first annual report is due July 1, 2023. Every subsequent year the report will be due no later than March 1.

Please enter information in boxes highlighted in grey.

Compliance requirements are as follows:

1. Total number of vehicles powered by gasoline according to model year

•Of those vehicles, total number classified as capable of using E15 and E85

2. Total number of vehicles powered by diesel according to model year

•Of those vehicles, total number classified as capable of using B20 or higher

3. Total number of gallons used during the determination period of January 1-December 31

•Provide count of gallons purchased for E15, E85, B20, B100 fuels

Contact Information - Reporting Questions

DAS Central Services COO	Allen Meyer	515-725-2272	allen.meyer@iowa.gov
DAS Fleet Manager	Flowers	515-414-6582	mariah.flowers@iowa.gov

Gas Powered Vehicles as of December 31, 2022

Name of Fleet	Model Year	Total Number of Gas Powered Vehicles	Number OEM Approved to use E85	Number OEM Approved to use E15
DAS	Pre-1996	7	0	1
DAS	1996	2	0	0
DAS	1997	1	0	0
DAS	1998	4	0	0
DAS	1999	8	0	0
DAS	2000	5	1	1
DAS	2001	18	1	0
DAS	2002	13	4	0
DAS	2003	9	0	0
DAS	2004	12	0	0
DAS	2005	26	10	0
DAS	2006	30	7	0
DAS	2007	37	10	0
DAS	2008	40	12	0
DAS	2009	10	4	0
DAS	2010	4	2	0
DAS	2011	24	18	0
DAS	2012	87	56	12
DAS	2013	165	145	11
DAS	2014	201	175	5
DAS	2015	249	206	5
DAS	2016	277	181	90
DAS	2017	269	166	85
DAS	2018	234	91	123
DAS	2019	389	138	238
DAS	2020	314	74	237
DAS	2021	231	24	187
DAS	2022	188	51	129
DAS	2023	37	1	36
CBC 1	2008	1	0	1
CBC 1	2011	4	0	4
CBC 1	2015	1	0	1

Gas Powered Vehicles as of December 31, 2022

Name of Fleet	Model Year	Total Number of Gas Powered Vehicles	Number OEM Approved to use E85	Number OEM Approved to use E15
CBC 1	2018	2	0	2
CBC 1	2019	2	0	2
CBC 1	2020	2	0	2
CBC 1	2021	1	0	1
CBC 2	2014	1	0	1
CBC 2	2016	3	3	3
CBC 2	2019	4	4	4
CBC 2	2022	1	0	1
CBC 3	2010	2	0	2
CBC 3	2011	2	0	2
CBC 3	2012	2	0	2
CBC 3	2013	2	0	2
CBC 3	2014	3	0	3
CBC 3	2015	3	0	3
CBC 3	2016	3	0	3
CBC 3	2017	3	0	3
CBC 3	2018	3	0	3
CBC 3	2019	3	0	3
CBC 3	2020	3	0	3
CBC 3	2021	3	0	3
CBC 3	2022	3	0	3
CBC 3	2023	3	0	3
CBC 4	2011	1	1	0
CBC 4	2012	1	1	0
CBC 4	2014	2	2	0
CBC 4	2015	2	1	0
CBC 4	2019	3	0	0
CBC 4	2021	1	0	0
CBC 5	2010	1	1	0
CBC 5	2011	1	0	0
CBC 5	2012	3	2	0
CBC 5	2015	3	1	0

Gas Powered Vehicles as of December 31, 2022

Name of Fleet	Model Year	Total Number of Gas Powered Vehicles	Number OEM Approved to use E85	Number OEM Approved to use E15
CBC 5	2016	2	0	0
CBC 5	2017	3	2	0
CBC 5	2018	5	1	0
CBC 5	2019	18	1	0
CBC 5	2021	3	0	0
CBC 5	2022	1	0	0
CBC 6	2016	1	1	1
CBC 6	2017	3	0	3
CBC 6	2018	1	0	1
CBC 6	2019	5	3	5
CBC 6	2020	1	0	1
CBC 6	2021	2	0	2
CBC 6	2022	1	0	1
CBC 7	2011	1	0	1
CBC 7	2013	1	0	0
CBC 7	2014	1	1	1
CBC 7	2015	1	1	1
CBC 7	2021	2	0	2
CBC 7	2022	1	0	1
CBC 8	2010	1	0	0
CBC 8	2011	1	0	0
CBC 8	2014	1	0	0
CBC 8	2015	1	0	0
CBC 8	2015	1	0	0
CBC 8	2017	1	0	0
CBC 8	2017	1	0	0
CBC 8	2021	2	2	0
DOT	Pre-1996	7	0	0
DOT	1996	0	0	0
DOT	1997	0	0	0
DOT	1998	0	0	0
DOT	1999	1	0	0

Gas Powered Vehicles as of December 31, 2022

Name of Fleet	Model Year	Total Number of Gas Powered Vehicles	Number OEM Approved to use E85	Number OEM Approved to use E15
DOT	2000	1	0	0
DOT	2001	0	0	0
DOT	2002	0	0	0
DOT	2003	1	0	0
DOT	2004	4	1	2
DOT	2005	4	0	1
DOT	2006	0	0	0
DOT	2007	9	2	6
DOT	2008	10	0	9
DOT	2009	14	9	14
DOT	2010	33	30	33
DOT	2011	36	22	35
DOT	2012	67	61	65
DOT	2013	30	30	30
DOT	2014	55	53	55
DOT	2015	129	123	128
DOT	2016	93	90	93
DOT	2017	137	76	137
DOT	2018	156	146	154
DOT	2019	143	139	143
DOT	2020	144	22	141
DOT	2021	162	66	154
DOT	2022	76	24	76
DOT	2023	6	0	6
ISU	Pre-1996	1	0	0
ISU	1999	1	0	0
ISU	2003	7	0	0
ISU	2004	4	1	0
ISU	2005	4	0	0
ISU	2006	2	0	0
ISU	2007	4	0	0
ISU	2008	8	0	0

Gas Powered Vehicles as of December 31, 2022

Name of Fleet	Model Year	Total Number of Gas Powered Vehicles	Number OEM Approved to use E85	Number OEM Approved to use E15
ISU	2009	5	0	0
ISU	2010	2	0	0
ISU	2011	31	0	0
ISU	2012	50	0	0
ISU	2013	25	4	0
ISU	2014	52	0	0
ISU	2015	68	9	0
ISU	2016	70	30	0
ISU	2017	89	62	0
ISU	2018	58	47	0
ISU	2019	71	40	0
ISU	2020	66	14	0
ISU	2021	23	0	0
ISU	2022	48	7	0
ISU	2023	24	0	0
U of I	2009	1	1	0
U of I	2010	0	0	0
U of I	2011	0	0	0
U of I	2012	5	4	0
U of I	2013	9	6	3
U of I	2014	15	8	2
U of I	2015	27	10	13
U of I	2016	50	36	13
U of I	2017	59	38	21
U of I	2018	73	48	25
U of I	2019	134	87	47
U of I	2020	94	13	81
U of I	2021	25	5	20
U of I	2022	55	8	47
U of I	2023	22	0	21
UNI	2006	1	0	0
UNI	2007	1	1	0

Gas Powered Vehicles as of December 31, 2022

Name of Fleet	Model Year	Total Number of Gas Powered Vehicles	Number OEM Approved to use E85	Number OEM Approved to use E15
UNI	2008	5	0	0
UNI	2009	1	2	0
UNI	2010	0	5	0
UNI	2011	2	4	0
UNI	2012	2	3	0
UNI	2013	1	6	0
UNI	2014	1	4	0
UNI	2015	3	7	0
UNI	2016	6	11	0
UNI	2017	4	8	0
UNI	2018	14	5	0
UNI	2019	7	1	0
UNI	2020	13	1	0
UNI	2021	4	1	0
UNI	2022	5	0	0
UNI	2023	1	0	0
	TOTAL	5702	2836	2815

Diesel Powered Vehicles as of December 31, 2022

Name of Fleet	Model Year	Total Number of Diesel Powered Vehicles	Number OEM Approved to use B20 or higher	Number OEM Approved or modified to use B100
DAS	Pre-1996	25	0	0
DAS	1996	1	0	0
DAS	1998	2	0	0
DAS	1999	3	0	0
DAS	2000	6	0	0
DAS	2001	12	2	0
DAS	2002	2	0	0
DAS	2003	3	0	0
DAS	2004	3	0	0
DAS	2005	4	2	0
DAS	2006	1	0	0
DAS	2007	8	2	0
DAS	2008	8	4	0
DAS	2009	8	6	0
DAS	2010	1	1	0
DAS	2011	2	2	0
DAS	2012	11	6	0
DAS	2013	7	6	0
DAS	2014	4	2	0
DAS	2015	15	12	0
DAS	2016	14	12	0
DAS	2017	6	6	0
DAS	2018	7	7	0
DAS	2019	9	9	0
DAS	2020	16	16	0
DAS	2021	3	3	0
DAS	2022	8	8	0
DOT	Pre-1996	161	148	
DOT	1996	7	7	
DOT	1997	3	3	
DOT	1998	3	3	
DOT	1999	24	24	
DOT	2000	13	13	

Diesel Powered Vehicles as of December 31, 2022

Name of Fleet	Model Year	Total Number of Diesel Powered Vehicles	Number OEM Approved to use B20 or higher	Number OEM Approved or modified to use B100
DOT	2001	19	19	
DOT	2002	6	6	
DOT	2003	13	13	
DOT	2004	31	31	
DOT	2005	35	35	
DOT	2006	15	15	
DOT	2007	64	64	
DOT	2008	12	12	
DOT	2009	69	69	
DOT	2010	73	73	1
DOT	2011	50	50	
DOT	2012	67	67	
DOT	2013	87	87	
DOT	2014	107	107	2
DOT	2015	65	65	1
DOT	2016	44	44	
DOT	2017	97	97	1
DOT	2018	67	67	
DOT	2019	177	177	0
DOT	2020	127	122	3
DOT	2021	169	167	2
DOT	2022	13	13	0
DOT	2023	13	13	0
ISU	Pre-1996	2	0	0
ISU	2004	3	0	0
ISU	2006	2	0	0
ISU	2008	2	0	0
ISU	2011	1	1	0
ISU	2012	3	3	0
ISU	2013	6	6	0
ISU	2014	1	1	0
ISU	2015	6	6	0
ISU	2016	7	7	0

Diesel Powered Vehicles as of December 31, 2022

Name of Fleet	Model Year	Total Number of Diesel Powered Vehicles	Number OEM Approved to use B20 or higher	Number OEM Approved or modified to use B100
ISU	2017	5	5	0
ISU	2018	4	4	0
ISU	2019	6	6	0
ISU	2020	5	5	0
ISU	2021	1	1	0
ISU	2022	1	1	0
U of I	Pre-1996	1	0	0
U of I	2000	2	2	0
U of I	2005	1	0	0
U of I	2006	1	1	0
U of I	2007	1	1	0
U of I	2008	12	12	0
U of I	2009	3	3	0
U of I	2011	9	8	0
U of I	2013	7	7	0
U of I	2015	1	1	0
U of I	2016	6	6	0
U of I	2017	5	5	0
U of I	2018	6	6	0
U of I	2019	4	4	0
U of I	2020	4	4	0
U of I	2021	4	4	0
U of I	2022	1	1	0
U of I	2023	4	4	0
UNI	2002	1	0	0
UNI	2006	1	0	0
UNI	2007	1	0	0
UNI	2009	1	0	0
UNI	2011	1	0	0
UNI	2019	0	1	0
TOTAL		1952	1833	10

Candar Year 2022 Fuel Consumption By Type

Name of Fleet	Gallons of E15 Purchased	Gallons of E85 Purchased	Gallons of B20 Purchased	Gallons of B100 Purchased
DAS	1,215	168,186	7	-
CBC 1	469	-	-	-
CBC 2	337	434	-	-
CBC 3	915	-	-	-
CBC 4	-	-	-	-
CBC 5	-	44	-	-
CBC 6	32	16	-	-
CBC 7	-	-	-	-
CBC 8	158	1,021	-	-
University of Iowa	-	53,218	17,616	-
UNI	34,019	14,898	-	-
ISU	152,531	80,921	42,520	1,606
DOT	182,395	77,666	1,090	111,790
TOTAL	372,072	396,404	61,233	113,396