



February 20, 2024

**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 2023

Pursuant to Code of Iowa, Chapter 8A.369 please find attached the Qualified Renewable Fuels Report for Determination Period January 1, 2023 through December 31, 2023. If you have any questions, please contact me at 725-2205.

Attachment

## State Renewable Fuels Compliance Report for the Determination Period January 1, 2023 - December 31, 2023

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

**Due: March 1, 2024**

### State Fleet Information

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

### General Tips and 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 annual 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	Mariah Fucaloro	515-414-6582	mariah.fucaloro@iowa.gov

**Gas Powered Vehicles in use within Calendar Year 2023**

<b>Name of Fleet</b>	<b>Model Year</b>	<b>Total Number of Gas Powered Vehicles</b>	<b>Number OEM Approved to use E85</b>	<b>Number OEM Approved to use E15</b>
DAS	Pre-1996	10	0	0
DAS	1997	1	0	0
DAS	1998	4	0	0
DAS	1999	8	0	0
DAS	2000	4	1	1
DAS	2001	18	1	0
DAS	2002	12	4	0
DAS	2003	7	0	0
DAS	2004	12	0	0
DAS	2005	24	9	0
DAS	2006	29	6	0
DAS	2007	32	8	0
DAS	2008	35	9	0
DAS	2009	12	2	0
DAS	2010	4	2	0
DAS	2011	23	15	0
DAS	2012	87	56	13
DAS	2013	169	155	8
DAS	2014	203	179	5
DAS	2015	310	269	7
DAS	2016	291	209	80
DAS	2017	283	188	77
DAS	2018	229	98	115
DAS	2019	395	148	237
DAS	2020	358	77	279
DAS	2021	249	23	206
DAS	2022	227	50	166
DAS	2023	67	1	66
DAS	2024	0	0	0
DOT	Pre-1996	41	0	0
DOT	1996	1	0	0
DOT	1997	0	0	0
DOT	1998	1	0	0
DOT	1999	3	0	0

**Gas Powered Vehicles in use within Calendar Year 2023**

<b>Name of Fleet</b>	<b>Model Year</b>	<b>Total Number of Gas Powered Vehicles</b>	<b>Number OEM Approved to use E85</b>	<b>Number OEM Approved to use E15</b>
DOT	2000	1	0	0
DOT	2001	0	0	0
DOT	2002	1	0	0
DOT	2003	2	0	0
DOT	2004	6	0	1
DOT	2005	9	0	1
DOT	2006	4	0	0
DOT	2007	9	0	4
DOT	2008	11	0	7
DOT	2009	13	2	11
DOT	2010	32	15	15
DOT	2011	38	19	13
DOT	2012	65	18	43
DOT	2013	31	18	11
DOT	2014	50	36	14
DOT	2015	124	88	30
DOT	2016	96	52	41
DOT	2017	136	54	81
DOT	2018	157	137	15
DOT	2019	142	76	65
DOT	2020	135	15	111
DOT	2021	171	8	159
DOT	2022	81	23	49
DOT	2023	145	63	74
DOT	2024	24	0	23
DOT	2025	3	0	0
U of I	2000	2	0	0
U of I	2001	2	0	0
U of I	2005	2	0	0
U of I	2009	1	0	1
U of I	2012	4	3	1
U of I	2013	5	3	2
U of I	2014	11	6	1
U of I	2015	11	2	6

**Gas Powered Vehicles in use within Calendar Year 2023**

<b>Name of Fleet</b>	<b>Model Year</b>	<b>Total Number of Gas Powered Vehicles</b>	<b>Number OEM Approved to use E85</b>	<b>Number OEM Approved to use E15</b>
U of I	2016	36	25	9
U of I	2017	40	21	19
U of I	2018	60	38	22
U of I	2019	134	87	47
U of I	2020	88	13	75
U of I	2021	25	5	20
U of I	2022	64	8	56
U of I	2023	78	4	73
U of I	2024	9	3	5
UNI	2006	1	0	0
UNI	2007	2	1	0
UNI	2008	4	0	0
UNI	2009	2	1	0
UNI	2010	5	5	0
UNI	2011	6	4	0
UNI	2012	5	3	0
UNI	2013	7	6	0
UNI	2014	5	4	0
UNI	2015	10	7	0
UNI	2016	17	11	0
UNI	2017	11	7	0
UNI	2018	28	5	0
UNI	2019	8	1	0
UNI	2020	14	1	0
UNI	2021	5	1	0
UNI	2022	5	0	0
UNI	2023	2	0	0
ISU	Pre-1996	1	0	1
ISU	1999	1	0	1
ISU	2003	5	0	5
ISU	2004	2	1	1
ISU	2005	4	0	4
ISU	2006	2	0	2
ISU	2007	2	0	2

**Gas Powered Vehicles in use within Calendar Year 2023**

<b>Name of Fleet</b>	<b>Model Year</b>	<b>Total Number of Gas Powered Vehicles</b>	<b>Number OEM Approved to use E85</b>	<b>Number OEM Approved to use E15</b>
ISU	2008	6	0	6
ISU	2009	3	1	2
ISU	2010	2	0	2
ISU	2011	22	3	19
ISU	2012	42	2	40
ISU	2013	19	3	16
ISU	2014	47	3	44
ISU	2015	56	16	40
ISU	2016	67	27	40
ISU	2017	84	59	25
ISU	2018	58	43	15
ISU	2019	66	35	31
ISU	2020	62	11	61
ISU	2021	24	0	24
ISU	2022	53	9	44
ISU	2023	95	3	92
ISD	2006	1	0	1
ISD	2023	1	0	1
	<b>TOTAL</b>	<b>6067</b>	<b>2625</b>	<b>2882</b>

*Diesel Powered Vehicles in use during January 1, 2023 - December 31, 2023*

<b>Name of Fleet</b>	<b>Model Year</b>	<b>Total Number of Diesel Powered Vehicles</b>	<b>Number OEM Approved to use B20 or higher</b>	<b>Number OEM Approved or modified to use B100</b>
DAS	Pre-1996	35	0	0
DAS	1998	2	0	0
DAS	1999	3	0	0
DAS	2000	6	0	0
DAS	2001	14	4	0
DAS	2002	2	0	0
DAS	2003	3	0	0
DAS	2004	4	0	0
DAS	2005	6	4	0
DAS	2007	10	4	0
DAS	2008	11	7	0
DAS	2009	9	9	0
DAS	2010	1	1	0
DAS	2011	4	4	0
DAS	2012	16	8	0
DAS	2013	12	11	0
DAS	2014	5	3	0
DAS	2015	18	15	0
DAS	2016	20	18	0
DAS	2017	10	10	0
DAS	2018	12	12	0
DAS	2019	15	15	0
DAS	2020	22	22	0
DAS	2021	4	4	0
DAS	2022	11	11	0
DAS	2023	0	0	0
DAS	2024	0	0	0
DOT	Pre-1996	133	133	0
DOT	1996	7	7	0
DOT	1997	4	4	0
DOT	1998	2	2	0
DOT	1999	24	24	0
DOT	2000	13	13	0
DOT	2001	19	19	0
DOT	2002	7	7	0

*Diesel Powered Vehicles in use during January 1, 2023 - December 31, 2023*

<b>Name of Fleet</b>	<b>Model Year</b>	<b>Total Number of Diesel Powered Vehicles</b>	<b>Number OEM Approved to use B20 or higher</b>	<b>Number OEM Approved or modified to use B100</b>
DOT	2003	13	13	0
DOT	2004	33	33	0
DOT	2005	37	37	0
DOT	2006	14	14	0
DOT	2007	66	66	0
DOT	2008	13	13	0
DOT	2009	70	70	0
DOT	2010	73	73	1
DOT	2011	51	51	0
DOT	2012	66	66	0
DOT	2013	86	86	0
DOT	2014	105	105	2
DOT	2015	65	65	1
DOT	2016	47	47	0
DOT	2017	97	97	1
DOT	2018	68	68	0
DOT	2019	177	177	0
DOT	2020	124	124	3
DOT	2021	167	167	2
DOT	2022	14	14	0
DOT	2023	95	95	0
DOT	2024	9	9	0
U of I	1992	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	6	6	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	4	4	0



*Diesel Powered Vehicles in use during January 1, 2023 - December 31, 2023*

<b>Name of Fleet</b>	<b>Model Year</b>	<b>Total Number of Diesel Powered Vehicles</b>	<b>Number OEM Approved to use B20 or higher</b>	<b>Number OEM Approved or modified to use B100</b>
U of I	2019	4	4	0
U of I	2020	2	2	0
U of I	2021	4	4	0
U of I	2022	1	1	0
U of I	2023	9	9	0
U of I	2024	1	1	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	1	1	0
ISU	Pre-1995	2	2	0
ISU	2004	2	2	0
ISU	2006	2	2	0
ISU	2008	2	2	0
ISU	2011	1	1	0
ISU	2012	2	2	0
ISU	2013	6	6	0
ISU	2014	1	1	0
ISU	2015	6	6	0
ISU	2016	6	6	0
ISU	2017	6	6	0
ISU	2018	4	4	0
ISU	2019	6	6	0
ISU	2020	5	5	0
ISU	2021	3	3	0
ISU	2022	1	1	0
ISU	2023	2	2	0
ISD	2017	1	1	0
ISD	2020	1	1	0
	<b>TOTAL</b>	<b>2090</b>	<b>1989</b>	<b>10</b>

**Fuel Consumption By Type January 1, 2023 - December 31, 2023**

<b>Name of Fleet</b>	<b>Gallons of E15 Purchased</b>	<b>Gallons of E85 Purchased</b>	<b>Gallons of B20 Purchased</b>	<b>Gallons of B100 Purchased</b>
DAS	186,940	148,126	-	-
CBC Districts 1-8 (pre-alignment)	1,437	640	-	-
ISD	636	-	1,473	-
University of Iowa	110,760	95,252	80,442	-
UNI	30,107	12,157	-	-
ISU	199,996	51,389	-	-
DOT (includes MVE pre-alignment)	115,789	93,702	682	106,060
<b>TOTAL</b>	<b>645,665</b>	<b>401,266</b>	<b>82,597</b>	<b>106,060</b>