

# Model Year 2024

## Alternative Fuel and Advanced Technology Vehicles

### Hybrid Electric Vehicles (HEV)

Photo	Fuel/Powertrain Type	Make	Model	Vehicle Type	Engine Size/Cylinders	Drivetrain	Fuel Economy, Gasoline (MPG)	Base MSRP
	HEV	Audi	A3	Sedan/Wagon	2.0L I4	FWD	32	\$35,400
	HEV	Audi	A3 quattro	Sedan/Wagon	2.0L I4	AWD	30	\$37,400
	HEV	Audi	A4 quattro/S-Line/Allroad <sup>1</sup>	Sedan/Wagon	2.0L I4	AWD	27-30	\$41,200
	HEV	Audi	A5 quattro Coupe/Cabriolet/Sportback <sup>2</sup>	Sedan/Wagon	2.0L I4	AWD	27-30	\$45,500
	HEV	Audi	A6 quattro	Sedan/Wagon	2.0L I4	AWD	26	\$57,300
	HEV	Audi	A6 quattro/Allroad	Sedan/Wagon	3.0L V6	AWD	25	\$68,500
	HEV	Audi	A7 quattro	Sedan/Wagon	3.0L V6	AWD	25	\$71,200
	HEV	Audi	A8 quattro	Sedan/Wagon	3.0L V6	AWD	22	\$88,900
	HEV	Audi	Q5 quattro/Sportback/S-Line <sup>3</sup>	SUV	2.0L I4	AWD	24-26	\$43,500
	HEV	Audi	Q7 quattro	SUV	3.0L V6	AWD	21	\$59,500
	HEV	Audi	Q8 quattro	SUV	3.0L V6	AWD	19	\$72,800

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	HEV	Audi	RS 6 Avant	Sedan/Wagon	4.0L V8	AWD	17	\$125,800
	HEV	Audi	RS7	Sedan/Wagon	4.0L V8	AWD	17	\$127,800
	HEV	Audi	RS Q8	SUV	4.0L V8	AWD	15	\$125,800
	HEV	Audi	S3	Sedan/Wagon	2.0L I4	AWD	26	\$45,900
	HEV	Audi	S6	Sedan/Wagon	2.9L V6	AWD	22	\$74,700
	HEV	Audi	S7	Sedan/Wagon	2.9L V6	AWD	22	\$84,500
	HEV	Audi	S8	Sedan/Wagon	4.0L V8	AWD	18	\$120,600
	HEV	BMW	530i Sedan	Sedan/Wagon	2.0L I4	RWD	30	\$57,900
	HEV	BMW	530i xDrive Sedan	Sedan/Wagon	2.0L I4	AWD	30	\$60,200
	HEV	BMW	540i xDrive Sedan	Sedan/Wagon	3.0L V6	AWD	28	\$63,900
	HEV	BMW	740i Sedan	Sedan/Wagon	3.0L V6	RWD	28	\$96,400
	HEV	BMW	740i xDrive Sedan	Sedan/Wagon	3.0L V6	AWD	27	\$99,400
	HEV	BMW	760i xDrive Sedan	Sedan/Wagon	4.4L V8	AWD	20	\$121,300

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	HEV	BMW	Alpina XB7	SUV	4.4L V8	AWD	17	\$149,400
	HEV	BMW	M340i Sedan	Sedan/Wagon	3.0L V6	RWD	26	\$57,600
	HEV	BMW	M340i xDrive Sedan	Sedan/Wagon	3.0L V6	AWD	26	\$59,600
	HEV	BMW	M440i <sup>4</sup>	Sedan/Wagon	3.0L V6	RWD	26-27	\$58,200
	HEV	BMW	M440i xDrive <sup>4</sup>	Sedan/Wagon	3.0L V6	AWD	25	\$60,250
	HEV	BMW	X3/X4 M40i	SUV	3.0L V6	AWD	23	\$61,900
	HEV	BMW	X5 M60i xDrive	SUV	4.4L V8	AWD	19	\$89,300
	HEV	BMW	X5 M Competition	SUV	4.4L V8	AWD	15	\$127,200
	HEV	BMW	X5 sDrive40i	SUV	3.0L V6	RWD	25	\$65,200
	HEV	BMW	X5 xDrive40i	SUV	3.0L V6	AWD	25	\$67,500
	HEV	BMW	X6 M60i xDrive	SUV	4.4L V8	AWD	19	\$93,600
	HEV	BMW	X6 M Competition	SUV	4.4L V8	AWD	15	\$127,200
	HEV	BMW	X6 xDrive40i	SUV	3.0L V6	AWD	24	\$73,900

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Photo	Fuel/Powertrain Type	Make	Model	Vehicle Type	Engine Size/Cylinders	Drivetrain	Fuel Economy, Gasoline (MPG)	Base MSRP
	HEV	BMW	X7 M60i xDrive	SUV	4.4L V8	AWD	18	\$108,700
	HEV	BMW	X7 xDrive40i	SUV	3.0L V6	AWD	22	\$81,900
	HEV	Chevrolet	Corvette E-RAY	Sedan/Wagon	6.2L V8	AWD	19	\$102,900
	HEV	Ford	Escape AWD HEV	SUV	2.5L I4	Part-Time 4WD	39	\$35,040
	HEV	Ford	Escape FWD HEV	SUV	2.5L I4	FWD	39	\$33,340
	HEV	Ford	F150 Pickup 4WD HEV	Pickup	3.5L V6	Part-Time 4WD	23	\$33,935
	HEV	Ford	Maverick HEV FWD	Pickup	2.5L I4	FWD	37	\$22,595
	HEV	Genesis	G90 MHEV	Sedan/Wagon	3.5L V6	AWD	20	\$98,700
	HEV	Honda	Accord <sup>5</sup>	Sedan/Wagon	2.0L I4	FWD	44-48	\$32,195
	HEV	Honda	CR-V AWD	SUV	2.0L I4	AWD	37	\$29,910
	HEV	Honda	CR-V FWD	SUV	2.0L I4	FWD	40	\$28,410
	HEV	Hyundai	Elantra Hybrid/Hybrid Blue	Sedan/Wagon	1.6L I4	FWD	50-54	\$24,550
	HEV	Hyundai	Sonata Hybrid	Sedan/Wagon	2.0L I4	FWD	47	\$25,110

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	HEV	Hyundai	Tucson Hybrid/Hybrid Blue	SUV	1.6L I4	4WD	37-38	\$32,325
	HEV	Jaguar	F-PACE P400 MHEV	SUV	3.0L V6	4WD	21	\$64,800
	HEV	Kia	Niro/Niro FE	Sedan/Wagon	1.6L I4	FWD	49-53	\$24,690
	HEV	Kia	Sorento Hybrid AWD	SUV	1.6L I4	AWD	34	\$38,990
	HEV	Kia	Sorento Hybrid FWD	SUV	1.6L I4	FWD	37	\$36,690
	HEV	Kia	Sportage Hybrid AWD	SUV	1.6L I4	AWD	38	\$31,190
	HEV	Kia	Sportage Hybrid FWD	SUV	1.6L I4	FWD	43	\$27,490
	HEV	Land Rover	Defender 110 MHEV	SUV	3.0L V6	4WD	18	\$67,900
	HEV	Land Rover	Defender 130 MHEV/Outbound <sup>6</sup>	SUV	3.0L V6	4WD	17-18	\$69,100
	HEV	Land Rover	Defender 90 MHEV	SUV	3.0L V6	4WD	20	\$68,400
	HEV	Land Rover	Discovery MHEV	SUV	3.0L V6	4WD	19	\$69,900
	HEV	Land Rover	Range Rover P360/P400 LWB MHEV	SUV	3.0L V6	4WD	20	\$92,000
	HEV	Land Rover	Range Rover P360/P400 MHEV	SUV	3.0L V6	4WD	20	\$92,000

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Photo	Fuel/Powertrain Type	Make	Model	Vehicle Type	Engine Size/Cylinders	Drivetrain	Fuel Economy, Gasoline (MPG)	Base MSRP
	HEV	Land Rover	Range Rover Sport P360/P400 MHEV	SUV	3.0L V6	4WD	21	\$83,000
	HEV	Land Rover	Range Rover Sport/SVR MHEV <sup>7</sup>	SUV	4.4L V8	4WD	18-19	\$83,000
	HEV	Land Rover	Range Rover/SV LWB MHEV <sup>8</sup>	SUV	4.4L V8	4WD	18	\$92,000
	HEV	Land Rover	Range Rover/SV MHEV <sup>8</sup>	SUV	4.4L V8	4WD	18	\$92,000
	HEV	Land Rover	Range Rover Velar P340/P400 MHEV	SUV	3.0L V6	4WD	21-22	\$70,600
	HEV	Lexus	ES 300h	Sedan/Wagon	2.5L I4	FWD	44	\$43,440
	HEV	Lexus	LC 500h	Sedan/Wagon	3.5L V6	RWD	29	\$100,450
	HEV	Lexus	LS 500h AWD	Sedan/Wagon	3.5L V6	AWD	25	\$113,485
	HEV	Lexus	NX 350h AWD	SUV	2.5L I4	AWD	39	\$42,655
	HEV	Lexus	RX 350h AWD	SUV	2.5L I4	AWD	36	\$50,450
	HEV	Lexus	RX 500h AWD	SUV	2.4L I4	AWD	27	\$62,450
	HEV	Lexus	TX 500h AWD	SUV	2.4L I4	AWD	27	\$68,000
	HEV	Lexus	UX 250h	Sedan/Wagon	2.0L I4	FWD	42	\$35,340

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	HEV	Lexus	UX 250h AWD	Sedan/Wagon	2.0L I4	AWD	39	\$36,740
	HEV	Lincoln	Nautilus HEV AWD	SUV	2.0L I4	Part-Time 4WD	30	\$50,415
	HEV	Maserati	Grecale Modena/GT	SUV	2.0L I4	AWD	25	\$64,995
	HEV	Mazda	CX-90 4WD <sup>9</sup>	SUV	3.3L V6	4WD	25	\$39,595
	HEV	Mercedes-Benz	AMG C 43 4MATIC	Sedan/Wagon	2.0L I4	AWD	23	\$59,900
	HEV	Mercedes-Benz	AMG CLA 35 4MATIC	Sedan/Wagon	2.0L I4	AWD	25	\$57,800
	HEV	Mercedes-Benz	AMG GLA/GLB 35 4MATIC	Sedan/Wagon	2.0L I4	AWD	23-24	\$49,500
	HEV	Mercedes-Benz	AMG GLC 43 4MATIC/Coupe <sup>10</sup>	SUV	2.0L I4	AWD	21	\$64,950
	HEV	Mercedes-Benz	AMG GLE 53 4MATIC+ <sup>10</sup>	SUV	3.0L V6	AWD	20	\$76,950
	HEV	Mercedes-Benz	AMG GLE 63 S 4MATIC+ <sup>10</sup>	SUV	4.0L V8	AWD	16	\$120,000
	HEV	Mercedes-Benz	AMG GLS 63 4MATIC+	SUV	4.0L V8	AWD	16	\$145,850
	HEV	Mercedes-Benz	AMG GT 43/53 4MATIC+	Sedan/Wagon	3.0L V6	AWD	21	\$98,950
	HEV	Mercedes-Benz	AMG SL 43	Sedan/Wagon	2.0L I4	RWD	22	\$109,900

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	HEV	Mercedes-Benz	C 300	Sedan/Wagon	2.0L I4	RWD	30	\$44,850
	HEV	Mercedes-Benz	C 300 4MATIC	Sedan/Wagon	2.0L I4	AWD	27	\$46,850
	HEV	Mercedes-Benz	CLA 250	Sedan/Wagon	2.0L I4	FWD	30	\$43,700
	HEV	Mercedes-Benz	CLA 250 4MATIC	Sedan/Wagon	2.0L I4	AWD	28	\$45,700
	HEV	Mercedes-Benz	CLE 300 4MATIC <sup>11</sup>	Sedan/Wagon	2.0L I4	AWD	26-28	\$56,500
	HEV	Mercedes-Benz	CLE 450 4MATIC <sup>11</sup>	Sedan/Wagon	3.0L V6	AWD	26	\$65,650
	HEV	Mercedes-Benz	E 350 4MATIC	Sedan/Wagon	2.0L I4	AWD	27	\$62,300
	HEV	Mercedes-Benz	E 450 4MATIC/AT <sup>12</sup>	Sedan/Wagon	3.0L V6	AWD	25	\$68,100
	HEV	Mercedes-Benz	GLA/GLB 250	SUV	2.0L I4	FWD	28	\$37,500
	HEV	Mercedes-Benz	GLA/GLB 250 4MATIC	SUV	2.0L I4	AWD	28	\$39,500
	HEV	Mercedes-Benz	GLC 300	SUV	2.0L I4	RWD	27	\$47,450
	HEV	Mercedes-Benz	GLC 300 4MATIC/coupe <sup>10</sup>	SUV	2.0L I4	AWD	26-27	\$49,450
	HEV	Mercedes-Benz	GLE 350	SUV	2.0L I4	RWD	24	\$57,700



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Photo	Fuel/Powertrain Type	Make	Model	Vehicle Type	Engine Size/Cylinders	Drivetrain	Fuel Economy, Gasoline (MPG)	Base MSRP
	HEV	Mercedes-Benz	GLE 350 4MATIC	SUV	2.0L I4	AWD	23	\$62,650
	HEV	Mercedes-Benz	GLE 450 4MATIC	SUV	3.0L V6	AWD	22	\$69,500
	HEV	Mercedes-Benz	GLE 580 4MATIC	SUV	4.0L V8	AWD	17	\$86,700
	HEV	Mercedes-Benz	GLS 450 4MATIC	SUV	3.0L V6	AWD	21	\$87,000
	HEV	Mercedes-Benz	GLS 580 4MATIC	SUV	4.0L V8	AWD	16	\$112,000
	HEV	Mercedes-Benz	GLS 600 4MATIC Maybach	SUV	4.0L V8	AWD	16	\$170,000
	HEV	Mercedes-Benz	S 500 4MATIC	Sedan/Wagon	3.0L V6	AWD	24	\$117,300
	HEV	Mercedes-Benz	S 580 4MATIC <sup>13</sup>	Sedan/Wagon	4.0L V8	AWD	21	\$124,000
	HEV	Ram	1500 4X2	Pickup	5.7L V8	RWD	20	\$37,410
	HEV	Ram	1500 4X2 <sup>14</sup>	Pickup	3.6L V6	RWD	22-23	\$37,410
	HEV	Ram	1500 4X4	Pickup	5.7L V8	4WD	19	\$41,260
	HEV	Ram	1500 4X4	Pickup	3.6L V8	4WD	21	\$41,260
	HEV	Toyota	Camry Hybrid LE/SE/XLE/XSE	Sedan/Wagon	2.5L I4	FWD	46-52	\$28,855



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Photo	Fuel/Powertrain Type	Make	Model	Vehicle Type	Engine Size/Cylinders	Drivetrain	Fuel Economy, Gasoline (MPG)	Base MSRP
	HEV	Toyota	Corolla Cross Hybrid AWD	SUV	2.0L I4	AWD	42	\$28,220
	HEV	Toyota	Corolla Hybrid	Sedan/Wagon	1.8L I4	FWD	47-50	\$23,300
	HEV	Toyota	Corolla Hybrid AWD	Sedan/Wagon	1.8L I4	AWD	44-48	\$24,700
	HEV	Toyota	Crown AWD	Sedan/Wagon	2.4L I4	AWD	30	\$40,050
	HEV	Toyota	Crown AWD	Sedan/Wagon	2.5L I4	AWD	41	\$40,050
	HEV	Toyota	Grand Highlander Hybrid <sup>15</sup>	SUV	2.5L I4	FWD	34	\$44,670
	HEV	Toyota	Grand Highlander Hybrid AWD	SUV	2.5L I4	AWD	34	\$46,270
	HEV	Toyota	Grand Highlander Hybrid AWD (Turbocharged)	SUV	2.4L I4	AWD	27	\$46,270
	HEV	Toyota	Highlander Hybrid	SUV	2.5L I4	FWD	36	\$40,970
	HEV	Toyota	Highlander Hybrid AWD LTD/PLAT <sup>16</sup>	SUV	2.5L I4	AWD	35	\$42,570
	HEV	Toyota	Land Cruiser	SUV	2.4L I4	4WD	23	\$55,950
	HEV	Toyota	Prius <sup>17</sup>	Sedan/Wagon	2.0L I4	FWD	52-57	\$27,650
	HEV	Toyota	Prius AWD <sup>17</sup>	Sedan/Wagon	2.0L I4	Part-Time 4WD	49-54	\$29,050

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Photo	Fuel/Powertrain Type	Make	Model	Vehicle Type	Engine Size/Cylinders	Drivetrain	Fuel Economy, Gasoline (MPG)	Base MSRP
	HEV	Toyota	RAV4 Hybrid AWD <sup>18</sup>	SUV	2.5L I4	AWD	37-39	\$31,475
	HEV	Toyota	Sequoia 2WD	SUV	3.4L V6	RWD	22	\$60,875
	HEV	Toyota	Sequoia 4WD	SUV	3.4L V6	Part-Time 4WD	20	\$63,875
	HEV	Toyota	Sienna	Van	2.5L I4	FWD	36	\$37,185
	HEV	Toyota	Sienna AWD	Van	2.5L I4	AWD	35	\$39,185
	HEV	Toyota	Tundra 2WD <sup>19</sup>	Pickup	3.4L V6	RWD	22	\$39,965
	HEV	Toyota	Tundra 4WD/4WD PRO <sup>19</sup>	Pickup	3.4L V6	Part-Time 4WD	19-20	\$42,965
	HEV	Toyota	Venza AWD	SUV	2.5L I4	AWD	39	\$34,920
	HEV	Volvo	S60 B5	Sedan/Wagon	2.0L I4	FWD	30	\$41,300
	HEV	Volvo	S60 B5 AWD	Sedan/Wagon	2.0L I4	AWD	28	\$43,600
	HEV	Volvo	S90 B6 AWD	Sedan/Wagon	2.0L I4	AWD	25	\$57,000
	HEV	Volvo	V60CC B5 AWD	Sedan/Wagon	2.0L I4	AWD	27	\$48,800
	HEV	Volvo	V90CC B6 AWD	Sedan/Wagon	2.0L I4	AWD	25	\$58,450

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	HEV	Volvo	XC40/XC60 B5 AWD <sup>20</sup>	SUV	2.0L I4	AWD	25-26	\$40,100
	HEV	Volvo	XC90 B5/B6 AWD	SUV	2.0L I4	AWD	22-24	\$56,000

<sup>1</sup>Includes Allroad and S-Line models

<sup>2</sup>Includes Coupe, Cabriolet, and Sportback models

<sup>3</sup>Includes S-Line and Sportback S-Line models

<sup>4</sup>Includes Coupe, Gran Coupe, and Convertible models

<sup>5</sup>Includes Sport/Touring models

<sup>6</sup>Includes P300, P400, and Outbound models

<sup>7</sup>Includes standard and SVR models

<sup>8</sup>Includes standard and SV models

<sup>9</sup>Includes regular and premium gasoline models

<sup>10</sup>Includes standard and Coupe models

<sup>11</sup>Includes Coupe and Convertible models

<sup>12</sup>Includes AT and Wagon models

<sup>13</sup>Includes standard and Maybach models

<sup>14</sup>Includes HFE model

<sup>15</sup>Includes standard and Limited models

<sup>16</sup>Includes standard, LTD, and PLAT models

<sup>17</sup>Includes XLE/LTD models

<sup>18</sup>Includes Woodland Edition

<sup>19</sup>Includes Regular and Premium gasoline models

<sup>20</sup>Includes XC40 B5 and XC60 B5 models

### NOTES

Some of these vehicles may count toward vehicle-acquisition requirements for federal fleets or state and alternative fuel provider fleets regulated by the Energy Policy Act.

Some vehicles listed are an average for the model. For more details and past model years, see Find a Car at [fuelconomy.gov/feg/findacar.shtml](https://fuelconomy.gov/feg/findacar.shtml).

For emissions certification requirements, see the EPA Green Vehicle Guide at [fuelconomy.gov/feg/download.shtml](https://fuelconomy.gov/feg/download.shtml).

# Alternative Fuels Data Center

For more information about alternative fuels and advanced vehicles, visit [afdc.energy.gov](https://afdc.energy.gov).

