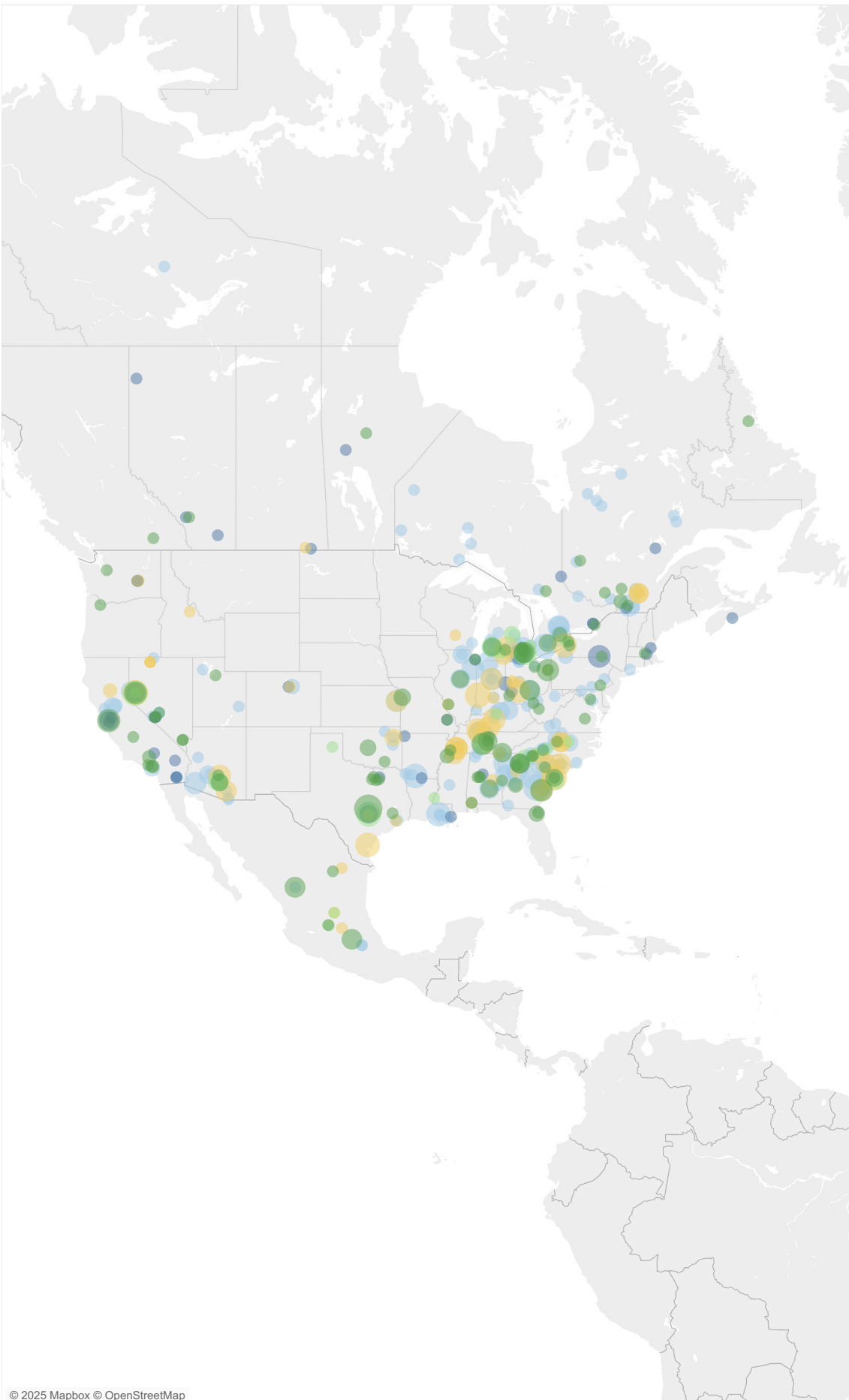


Map of Electric Vehicle Supply Chain



Circle Size

- 0
- 100
- 200
- 300

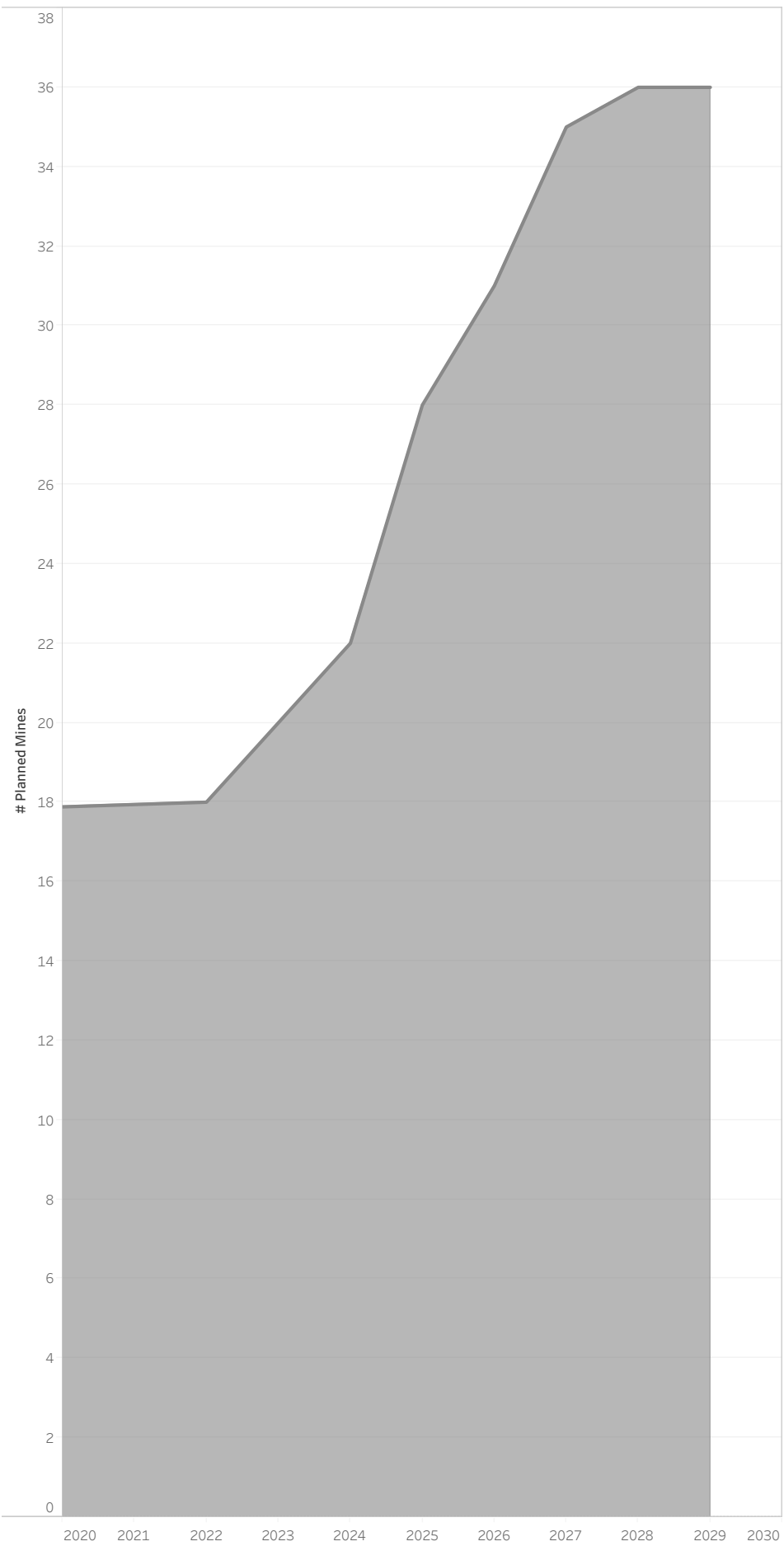
Legend

- Operating
- Operating Partially
- Construction
- Pilot
- Planned

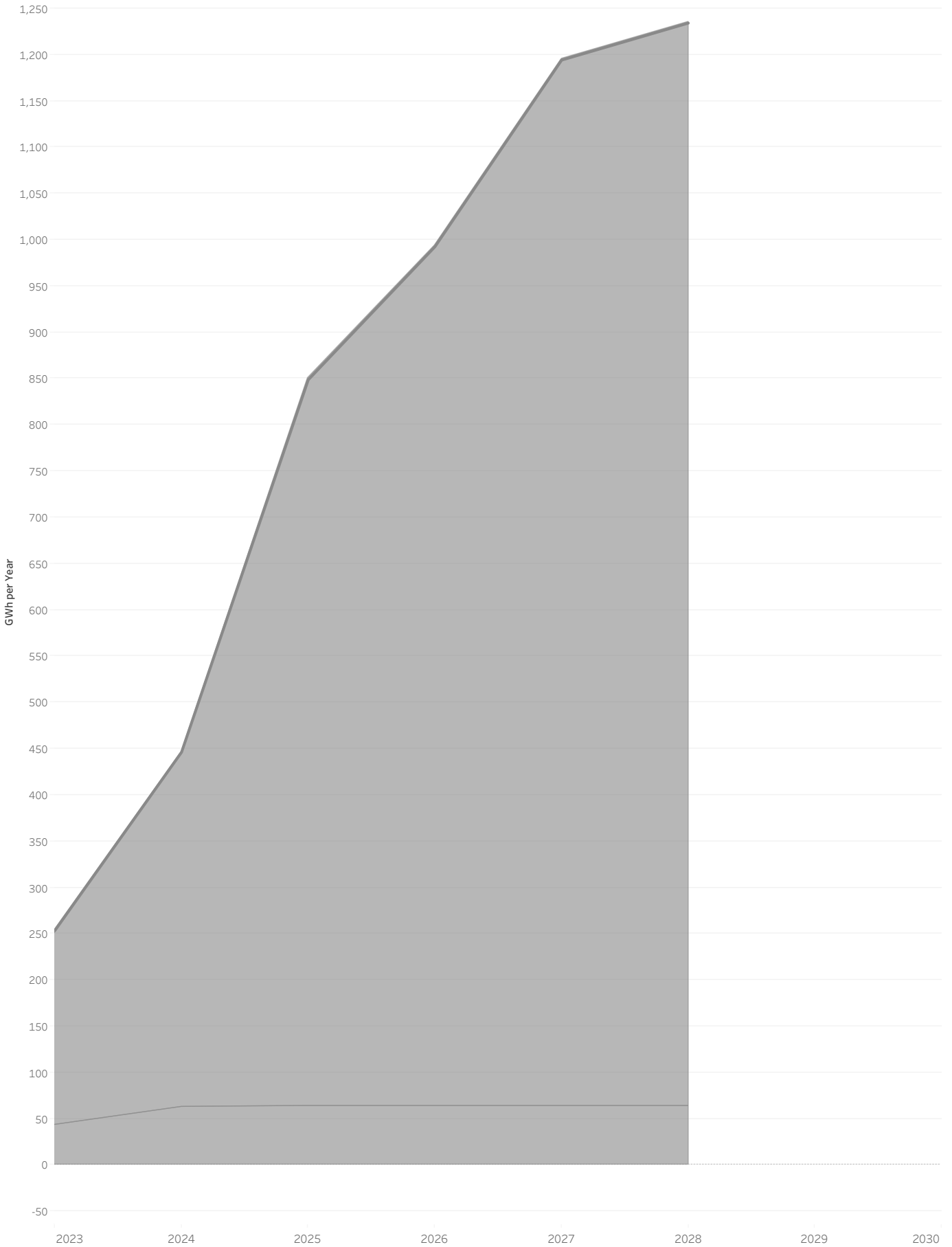
Sites by Status

Operating	■	90
Operating Partia..	■	22
Construction	■	58
Pilot	■	41
Planned	■	160
Total		371

Battery-Related Mines



Battery Mfg Capacity



EV Manufacturing Capacity

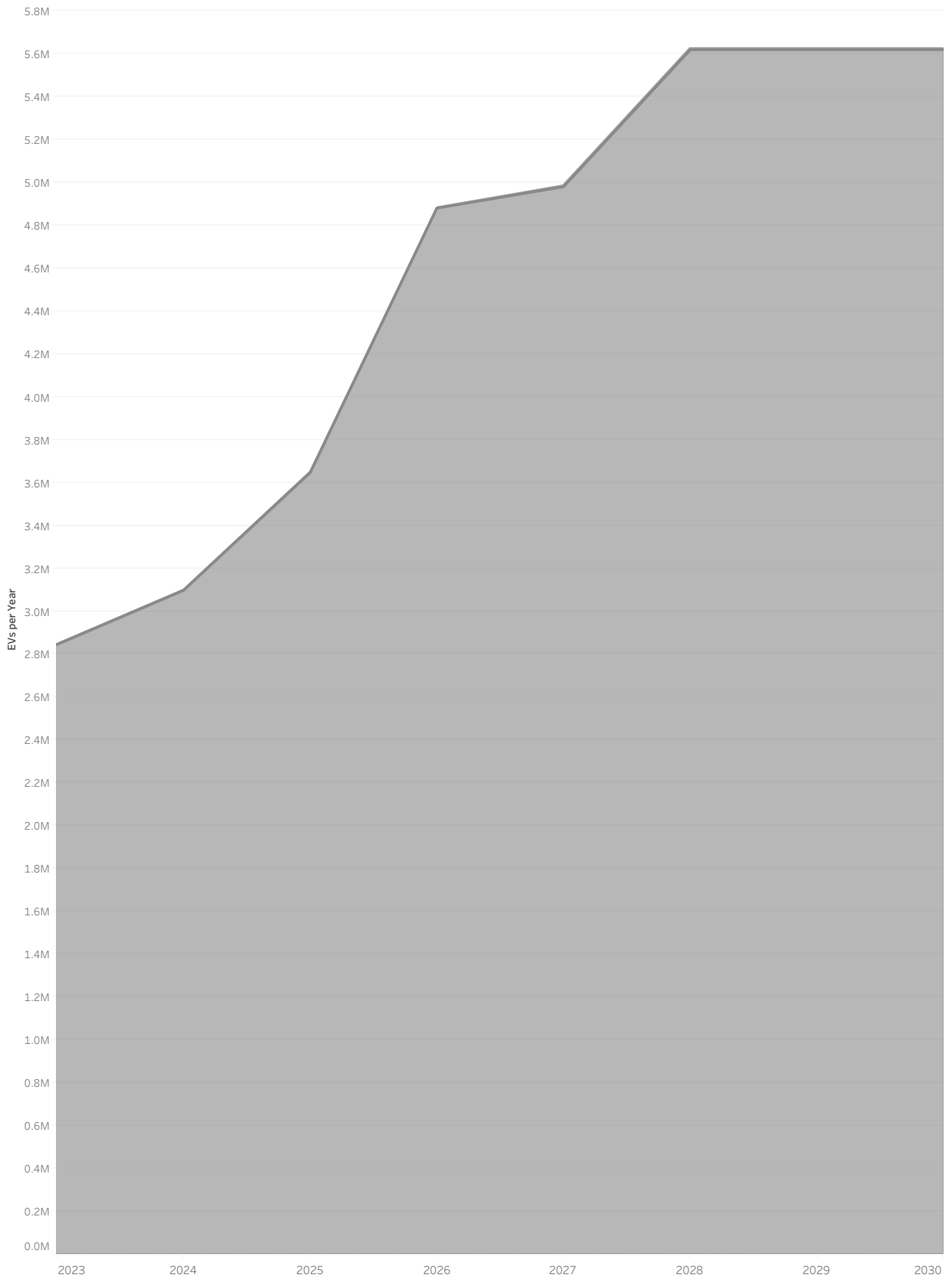


Table All

Status	Name	Company	State/ Province	Mfg Product	Targeted annual production	Production units	Capital Investmen..	Target Year	
Operating	Tesla Fremont Factory	Tesla	CA	EVs	650,000	EVs	\$5,000	2012	■
	Tesla Gigafactory 1	Tesla, Panaso..	NV	Battery Cell	38	GWh	\$3,500	2017	■
	Ultium Cells Tennessee F..	Ultium Cells	TN	Battery Cell	35	GWh	\$2,575	2024	■
	Ultium Cells Ohio Factory	Ultium Cells	OH	Battery Cell	35	GWh	\$2,300	2022	■
	GM Factory ZERO	General Moto..	MI	EVs	270,000	EVs	\$2,200	2021	■
	ArcelorMittal Calvert Al..	ArcelorMittal..	AL	EV Parts	Null	Null	\$1,550	Null	■
	Metaplant America	Hyundai	GA	EVs	500,000	EVs	\$1,200	Null	■
	Mercedes Benz US Inter..	Mercedes-Benz	AL	EVs	Null	EVs	\$1,000	2022	■
	SK Georgia Plant 1	SK Innovation	GA	Battery Cell	9	GWh	\$1,000	2022	■
	Ford River Rouge Electri..	Ford	MI	EVs	150,000	EVs	\$950	2022	■
	Anovion Plant	Anovion	NY	Graphite	5,000	tpa	\$140	2011	■
	CAMI Assembly Plant	General Moto..	ON	EVs	50,000	EVs	\$800	2022	■
	Volkswagen Chattanooga..	Volkswagen	TN	EVs	120,000	EVs	\$800	2022	■
	Rivian Plant Illinois	Rivian	IL	EVs	47,000	EVs	\$750	2021	■
	SK Georgia Plant 2	SK Innovation	GA	Battery Cell	12	GWh	\$670	2023	■
	Matawinie Graphite Mine	NMG	QC	Graphite	103,000	tpa	\$470	Null	■
	Cuautitlán Stamping an..	Ford	EM	EVs	216,000	EVs	\$420	2020	■
	LG Energy Solution Mich..	LG	MI	Battery Cell	5	GWh	\$303	Null	■
	Hyundai Motor Manufac..	Hyundai	AL	EVs	50,000	EVs	\$300	2022	■
	Foxconn Ohio Plant - Mo..	Foxconn	OH	EVs	Null	EVs	\$257	2023	■
	Stellantis Sterling Heigh..	Stellantis	MI	EVs	Null	Null	\$235	2024	■
	Canoo Oklahoma Vehicle..	Canoo	OK	EVs	20,000	EVs	\$230	2023	■
	Kia West Point Assembl..	Kia	GA	EVs	Null	Null	\$200	Null	■
	Ohio Battery Recycling (.	Cirba Solutions	OH	Recycled Materia..	200,000	# EVs supported ..	\$200	2024	■
	Ford Kansas City Assem..	Ford	MO	EVs	38,000	EVs	\$195	Null	■
	Saft Factory	Saft	FL	Battery Cell	1	GWh	\$191	2011	■
	Cellink Factory	Cellink	TX	EV Parts	2,700,000	# EVs supported ..	\$130	2023	■
	Powered 1	Volvo	SC	Battery Pack	Null	GWh	\$105	2023	■
	Proterra Battery Manuf..	Volvo	CA	Battery Cell	Null	GWh	\$105	2020	■
	Lithion Recycling Plant	Lithion Batter..	QC	Recycled Materia..	20,000	tpa	\$91	2024	■
	Brownstown Battery As..	General Moto..	MI	Battery Pack	Null	Null	\$82	2009	■
	North American Lithium ..	MergeCo	QC	Lithium	120,000	tpa	\$80	2023	■
	Mitsubishi Memphis Fac..	Mitsubishi Ch..	TN	Battery Cell Com..	10,000	tpa	\$62	2012	■
	Samsung SDI Michigan F..	Samsung SDI	MI	Battery Pack	Null	GW	\$62	2018	■
	BASF Cathode Plant	BASF	OH	Battery Cell Com..	Null	Null	\$50	2012	■
	BYD Bus Factory	BYD	CA	EVs	1,500	EVs	\$50	2014	■
	Silver Peak Mine (Expan..	Albemarle	NV	Lithium	10,000	tpa	\$40	2025	■
	Nth Cycle Recycling	Nth Cycle	OH	Recycled Materia..	Null	Null	\$25	2023	■
	Bollinger Oak Park Facili..	Bollinger Mot..	MI	EVs	Null	Null	\$22	Null	■
	Proterra Bus Manufactu..	Proterra	CA	EVs	400	EVs	\$20	2017	■
	SK Signet EV Charger Pla..	SK Signet	TX	EV Chargers	10,000	EV Fast Chargers	\$15	2023	■
	Alabama Spoke	Li-Cycle	AL	Recycled Materia..	5,000	tpa	\$10	2022	■
	Duckyang Industrial Co. ..	Duckyang Ind..	GA	EV Parts	Null	Null	\$10	Null	■
	ABB Motion Traction	ABB E-Mobility	VA	EV Parts	Null	Null	\$6	2023	■
	ABB Manufacturing	ABB E-Mobility	SC	EV Chargers	10,000	EV Fast Chargers	\$4	2023	■
	Tonopah Flats Lithium R..	American Bat..	NV	Lithium	5,000	tpa	\$4	2024	■
	FLO Auburn Hills Facility	FLO	MI	EV Chargers	Null	Null	\$3	Null	■
	Arizona Battery Recyclin..	Cirba Solutions	AZ	Recycled Materia..	50,000	# EVs supported ..	Null	2023	■
	Arizona Spoke	Li-Cycle	AZ	Recycled Materia..	10,000	tpa	Null	2022	■
	BAM-1 Factory	Group14	WA	Battery Cell Com..	Null	tpa	Null	2021	■
	Black Crystal Quarry and..	Eagle Graphite	BC	Graphite	7,500	tpa	Null	Null	■
	BlueBird EV Build-Up Ce..	Blue Bird	GA	EVs	5,000	EVs	Null	2023	■
	Bollinger Oak Park Facili..	Bollinger Mot..	MI	EVs	Null	Null	Null	2020	■
	Cenntro Group Florida A..	Cenntro Group	FL	EVs	Null	Null	Null	2023	■
	Cenntro Group New Jers..	Cenntro Group	NJ	EVs	Null	Null	Null	2023	■
	Critical Mineral Recover..	Critical Miner..	MO	Battery Pack	72,000	tpa	Null	Null	■
	Daimler Truck North Am..	Daimler Truck	OR	EVs	Null	Null	Null	2022	■
	Electrovaya Headquarte..	Electrovaya	ON	Battery Pack	0	GWh	Null	2023	■
	Envision AESC Tennesse..	Envision AESC	TN	Battery Cell	Null	GWh	Null	2018	■
	Gallipolis Ferry Facility	ICL	WV	Battery Cell Com..	Null	Null	Null	Null	■
	Gigafactory New York	Tesla	NY	EV Chargers	Null	Null	Null	2020	■
	GM Ramos Arizpe Plant	General Moto..	CH	EVs	Null	Null	Null	2024	■
	Green Li-ion Oklahoma R..	Green Li-ion	OK	Lithium	2,920	tpa	Null	2024	■
	GreenPower Motor Com..	GreenPower ..	WV	EVs	Null	Null	Null	2023	■
	Greenville Bus Manufac..	Phoenix Motor	SC	EVs	Null	EVs	Null	2024	■
	Huntsman Conroe Facility	Huntsman Co..	TX	Battery Cell Com..	20,000	tpa	Null	2023	■
	ieFactory	Faraday Futu..	CA	EVs	Null	EVs	Null	2023	■
	Interco Recycling Facility	Interco	IL	Recycled Materia..	Null	tpa	Null	Null	■
	International Battery M..	International ..	UT	Lithium	5,000	tpa	Null	Null	■
	Ion Storage Systems Ma..	Ion Storage S..	MD	Battery Pack	0	GWh	Null	Null	■
	Isuzu Charlotte Facility ..	Isuzu Comme..	MI	EVs	Null	Null	Null	2024	■
	Lac-des-Îles Graphite Qu..	Northern Gra..	QC	Graphite	25,000	tpa	Null	1989	■
	Lake Mead Facility	Lithion Batter..	NV	Battery Pack	Null	Null	Null	2024	■
	LG Texas EV Charger Fac..	LG	TX	EV Chargers	12,000	EV Fast Chargers	Null	Null	■
	Lion Manufacturing Faci..	Lion Electric	QC	EVs	2,500	EVs	Null	2018	■
	Lithion Manufacturing F..	Lithion Batter..	NV	Battery Cell	Null	Null	Null	2021	■
	Livent	Livent	NC	Lithium	Null	Null	Null	1954	■
	LS Electric Durango EV F..	LS Electric	DG	EV Parts	250,000	# EVs supported ..	Null	2024	■
	Mercedes Benz US Inter..	Mercedes-Benz	AL	Battery Pack	Null	GWh	Null	2022	■
	Mullen Factory	Mullen	MS	EVs	3,000	EVs	Null	2023	■
	Nanograf Chicago R&D F..	Nanograf	IL	Battery Cell Com..	Null	Null	Null	2024	■
	Nissan Smyrna Factory	Nissan	TN	EVs	150,000	EVs	Null	2013	■

Table All

Status	Name	Company	State/ Province	Mfg Product	Targeted annual production	Production units	Capital Investmen..	Target Year		
Operating	Ontario Spoke	Li-Cycle	ON	Recycled Materia..	5,000	tpa	Null	2019	■	
	Peterbilt Denton Manuf..	Peterbilt Mot..	TX	EVs	Null	Null	Null	2021	■	
	Polestar/Volvo Cars Faci..	Polestar	SC	EVs	Null	Null	Null	2024	■	
	Raymond Binghamton F..	The Raymond ..	NY	Battery Cell Com..	Null	Null	Null	Null	■	
	Recycling Operations	Ascend Eleme..	MA	Recycled Materia..	Null	tpa	Null	2018	■	
	Siemens Manufacturing ..	Siemens	TX	EV Chargers	Null	?	Null	2023	■	
	Silver Peak Mine	Albemarle	NV	Lithium	5,000	tpa	Null	1966	■	
	Sona Comstar Silao Faci..	Sona BLW Pre..	GJ	EV Parts	Null	Null	Null	2024	■	
	Sudbury Operations Cob..	Vale	ON	Cobalt	Null	tpa	Null	Null	■	
	Thomas Built Buses Nort..	Thomas Built ..	NC	EVs	Null	EVs	Null	2019	■	
	Thompson Cobalt Mine	Vale	MB	Cobalt	Null	tpa	Null	Null	■	
	Tritium DC Fast Charger	Tritium	TN	EV Chargers	30,000	EV Fast Chargers	Null	2022	■	
	Voisey's Bay Cobalt Mine	Vale	NL	Cobalt	2,600	tpa	Null	2005	■	
	Volt Calgary Facility	Volt Lithium C..	AB	Lithium	Null	Null	Null	Null	■	
	Volvo Ridgeville Expansi..	Volvo	SC	EVs	50,000	EVs	Null	2024	■	
	Xos Los Angeles Facility	Xos	CA	EVs	Null	Null	Null	Null	■	
	Operating	Tesla Gigafactory Texas	Tesla	TX	EVs	1,000,000	EVs	\$5,810	2022	■
		NextStar Energy	LG, Stellantis	ON	Battery Cell	49	GWh	\$4,100	2025	■
	Partially	Spring Hill Manufacturin..	General Moto..	TN	EVs	200,000	EVs	\$2,000	2024	■
		LG Energy Solution Mich..	LG	MI	Battery Cell	16	GWh	\$1,700	2025	■
Northern Nevada Batter..		Redwood Mat..	NV	Battery Cell Com..	1,000,000	# EVs supported ..	\$1,100	2025	■	
Nikola Coolidge Manufac..		Nikola	AZ	EVs	20,000	EVs	\$1,000	2023	■	
SK Georgia Plant 1 (Expa..		SK Innovation	GA	Battery Cell	Null	GWh	\$940	2022	■	
Lucid AMP-1 Factory		Lucid Motors	AZ	EVs	90,000	EVs	\$700	2021	■	
Vidalia Battery Anode M..		Syrax Resour..	LA	Graphite	45,000	tpa	\$539	2023	■	
Magna Electric Vehicle S..		Magna	MI	Battery Pack	Null	Null	\$427	Null	■	
BMW San Luis Potosi Pla..		BMW Group	SLP	EVs	Null	EVs	\$325	2027	■	
Irapuato Electric Powert..		Ford	GTO	Drive Unit	Null	Null	\$273	2024	■	
Bosch Charleston Plant		Bosch	SC	Drive Unit	40,000	# EVs supported ..	\$260	2022	■	
Oshkosh Spartanburg As..		Oshkosh Defe..	SC	EVs	Null	Null	\$155	2023	■	
Cabot Pampas		Cabot Corpor..	TX	Graphite	15,000	tpa	\$83	2025	■	
BASF Toda Cathode Mat..		BASF	MI	Battery Cell Com..	4,000	tpa	\$70	2013	■	
Enchem Georgia		Enchem Amer..	GA	Battery Cell Com..	140,000	tpa	\$61	2021	■	
BorgWarner South Carol..		BorgWarner	SC	Battery Pack	3	GWh	\$42	2024	■	
Kempower Factory		Kempower	NC	EV Chargers	Null	Null	\$41	2023	■	
BorgWarner Manufactur..		BorgWarner	MI	EV Chargers	Null	Null	\$10	Null	■	
Rivian Expansion		Rivian	KY	EV Parts	Null	Null	\$10	Null	■	
Akasol Gigafactory 2		Akasol	MI	Battery Pack	2	GWh	Null	2023	■	
Atom Power Manufactur..		Atom Power	NC	EV Chargers	Null	Null	Null	Null	■	
Freudenberg e-Power Sy..		Freudenberg ..	MI	Battery Cell	2	GWh	Null	2024	■	
GM St. Catharines Propu..		General Moto..	ON	EV Parts	400,000	EVs	Null	Null	■	
Lithium-Ion Battery Rec..		American Bat..	NV	Recycled Materia..	20,000	tpa	Null	2023	■	
Construction		Toyota Battery	Toyota	NC	Battery Cell	Null	Null	*	2025	■
		Manufacturing (Expand..				15	GWh	\$8,000	2025	■
		HL-GA Battery Company	Hyundai, LG	GA	Battery Cell	Null	Null	\$2,000	2025	■
						30	GWh	\$5,500	2026	■
		BlueOval City	Ford, SK Inno..	TN	EVs	500,000	EVs	\$5,600	2025	■
		Panasonic Battery Facto..	Panasonic	KS	Battery Cell	30	GWh	\$4,000	2025	■
		Honda / LG Battery Fact..	Honda, LG	OH	Battery Cell	40	GWh	\$3,500	2025	■
		Redwood Materials	Redwood Mat..	SC	Recycled Materia..	100	GWh supported b..	\$3,500	2024	■
		LG Energy Solution Arizo..	LG	AZ	Battery Cell	36	GWh	\$3,200	2025	■
		Amplify Byhalia Facility	Amplify Cell T..	MS	Battery Cell	21	GWh	\$3,000	2027	■
		StarPlus Energy Gigafac..	Samsung SDI;..	IN	Battery Cell	33	GWh	\$3,000	2024	■
		Thacker Pass	Lithium Ameri..	NV	Lithium	40,000	tpa	\$2,930	2027	■
		BlueOval SK Battery Park	Ford, SK Inno..	KY	Battery Cell	43	GWh	\$2,900	2025	■
		Michigan Factory (forme..	LG	MI	Battery Cell	50	GWh	\$2,600	2024	■
		BlueOval Battery Park M..	Ford	MI	Battery Cell	20	GWh	\$2,000	2026	■
		Envision AESC Kentucky ..	Envision AESC	KY	Battery Cell	30	GWh	\$2,000	2025	■
		Scout EV Manufacturing ..	Volkswagen	SC	EVs	200,000	EVs	\$2,000	2026	■
		Tesla Gigafactory 1 (Exp..	Tesla, Panaso..	NV	Battery Cell	100	GWh	\$1,800	2023	■
		Asahi Kasei Battery Sep..	Asahi Kasei	ON	Battery Cell Com..	70	GWh supported b..	\$1,600	2027	■
		LG Cathode Facility	LG	TN	Battery Cell Com..	600,000	# EVs supported ..	\$1,600	2026	■
		US Lithium Separator..	ENTEK	IN	Battery Cell Com..	1,400,000	# EVs supported ..	\$1,500	2025	■
		Sila Anode Factory	Sila	WA	Battery Cell Com..	20	# EVs supported ..	\$1,400	2025	■
		Toyota Battery Manufac..	Toyota	NC	Battery Cell	14	GWh	\$1,300	2025	■
	American Battery Factory	American Bat..	AZ	Battery Cell	20	GWh	\$1,200	2025	■	
	EcoPro CAM Canada LP F..	EcoProBM	QC	Battery Cell Com..	45,000	tpa	\$1,200	2027	■	
	Plant Spartanburg	BMW Group	SC	EVs	Null	EVs	\$1,200	2030	■	
	ArcelorMittal Calvert Al..	ArcelorMittal..	AL	EV Parts	Null	Null	\$1,000	2024	■	
	Semcorp Sidney Ohio Se..	SEMCorp	OH	Battery Cell Com..	Null	Null	\$916	2024	■	
	Envision AESC South Car..	Envision AESC	SC	Battery Cell	30	GWh	\$810	2026	■	
	Envision AESC South Car..	Envision AESC	SC	Battery Cell	Null	GWh	\$810	2026	■	
	Apex 1	Ascend Eleme..	KY	Recycled Materia..	750,000	# EVs supported ..	\$704	2025	■	
	Plant Woodruff	BMW Group	SC	Battery Pack	Null	Null	\$700	2026	■	
	Thacker Pass (GM JV Inv..	Lithium Ameri..	NV	Lithium	Null	Null	\$625	2026	■	
	POSCO Cathode Materia..	POSCO, GM	QC	Battery Cell Com..	220,000	# EVs supported ..	\$600	2025	■	
	Lithium Iron Phosphate ..	ICL	MO	Battery Cell Com..	30,000	tpa	\$547	2026	■	
	BMW San Luis Potosi Ba..	BMW Group	SLP	Battery Pack	140,000	Null	\$540	2025	■	
	Bécancour Battery Mate..	NMG	QC	Battery Cell Com..	43,000	tpa	\$470	2024	■	
	POSCO Cathode Materia..	POSCO, GM	QC	Battery Cell Com..	140,000	# EVs supported ..	\$400	2026	■	
	Texas Lithium Refining F..	Tesla	TX	Lithium	1,000,000	# EVs supported ..	\$365	2024	■	
	Thacker Pass (GM Invest..	Lithium Ameri..	NV	Lithium	Null	Null	\$325	2026	■	

Table All

Status	Name	Company	State/ Province	Mfg Product	Targeted annual production	Production units	Capital Investmen..	Target Year		
Construction	Colleton Battery Factory	Kontrolmatik ..	SC	Battery Cell	3	GWh	\$279	2024	■	
	Magna Frame And Batte..	Magna	TN	EV Parts	Null	Null	\$263	2025	■	
	Magna Seating Factories	Magna	TN	EV Parts	Null	Null	\$263	2025	■	
	Texas Cathode Plant	Tesla	TX	Battery Cell Com..	Null	Null	\$260	2023	■	
	Anna Engine Plant	Honda	OH	Battery Pack	Null	Null	\$233	2026	■	
	Marysville Auto Plant (R..	Honda	OH	EVs	Null	Null	\$233	2025	■	
	PlusCAM Plant	6K	TN	Battery Cell Com..	13,000	tpa	\$216	2024	■	
	Kellyton Processing Plant	Alabama Gra..	AL	Graphite	7,500	tpa	\$202	2023	■	
	Cennatic Power Battery ..	Cenntro Elect..	NL	Battery Cell	Null	Null	\$200	2023	■	
	Riverside Recharged	NOVONIX	TN	Battery Cell Com..	20,000	Null	\$160	2025	■	
	Orion Texas Facility	Orion S.A.	TX	Battery Cell Com..	12,000	tpa	\$130	2025	■	
	Idaho Cobalt Operations	Jervois	ID	Cobalt	1,900	tpa	\$107	2022	■	
	Toyota Handling Columb..	Toyota	IN	EVs	Null	Null	\$100	2026	■	
	Duksan Tennessee Facili..	Duksan	TN	Battery Cell Com..	60,000	tpa	\$95	2024	■	
	Battery Module Manufa..	Canoo	OK	Battery Pack	3	GWh	\$90	2023	■	
	Dongwha Electrolyte Fa..	Dongwha Elec..	TN	Battery Cell Com..	90,000	tpa	\$70	2024	■	
	LS Cable Queretaro EV B..	LS Cable & Sy..	QE	Battery Cell Com..	Null	Null	\$50	2025	■	
	SP2	Solid Power	CO	Battery Cell Com..	30	tpa	\$50	2023	■	
	Base 1	Ascend Eleme..	GA	Recycled Materia..	30,000	tpa	\$43	2022	■	
	Lithium-Ion Battery Rec..	American Bat..	NV	Recycled Materia..	20,000	tpa	\$30	2023	■	
	Princeton NuEnergy Che..	Princeton Nu..	SC	Battery Cell Com..	10,000	tpa	\$11	2025	■	
	BlueOval City Battery Fa..	Ford, SK Inno..	TN	Battery Cell	43	GWh	Null	2025	■	
	Nanotech Energy Chico 2..	Nanotech Ene..	CA	Battery Pack	0	GWh	Null	2024	■	
	Ohio Spoke	Li-Cycle	OH	Recycled Materia..	15,000	tpa	Null	2023	■	
	Prairie Lithium Brine Pro..	Arizona Lithiu..	SK	Lithium	Null	Null	Null	2025	■	
	Wisconsin Battery Co. P..	Wisconsin Ba..	WI	Battery Cell	Null	Null	Null	2025	■	
	Pilot	Clearwater Li Project	E3 Lithium	AB	Lithium	32,250	tpa	\$2,470	2026	■
		Tesla Gigafactory 1 (Se..	Tesla	NV	EVs	50,000	EVs	\$1,800	2025	■
		ONE Circle	Our Next Ener..	MI	Battery Cell	20	GWh	\$1,600	2027	■
		Windsor Assembly Plant..	Stellantis	ON	EVs	Null	EVs	\$1,400	2025	■
		iM3NY	iM3NY	NY	Battery Pack	38	GWh	\$1,200	2022	■
		Sparkz Livermore Batter..	Sparkz	CA	Battery Pack	Null	Null	\$700	Null	■
		EMP Estevan Extraction	EMP Metals	SK	Lithium	12,175	tpa	\$571	Null	■
		Clayton Valley Lithium P..	Century Lithi..	NV	Lithium	27,400	tpa	\$493	Null	■
		Tesla Gigafactory Texas ..	Tesla	TX	Battery Cell	6	GWh	\$368	2023	■
Smackover Project		Standard Lith..	AR	Lithium	5,400	tpa	\$365	2026	■	
BAM-2 Factory		Group14	WA	Battery Cell Com..	4,000	tpa	\$323	2025	■	
QuantumScape QS-0 Fac..		QuantumScape	CA	Battery Cell	Null	GWh	\$260	2025	■	
Cobalt Processing Facilit..		Electra Batte..	ON	Cobalt	6,500	tpa	\$250	2023	■	
Volt Lithium Rainbow La..		Volt Lithium C..	AB	Lithium	Null	Null	\$150	Null	■	
American Battery Soluti..		American Bat..	OH	Battery Pack	2	GW	\$50	Null	■	
Boron Plant		Rio Tinto	CA	Lithium	5,000	tpa	\$50	Null	■	
Factorial Energy Wobur..		Factorial Inc..	MA	Battery Pack	0	GW	\$50	2023	■	
Crimson Tide Hydroxide ..		Lithos Group	AL	Lithium	Null	Null	\$30	2024	■	
ADVANO		ADVANO	LA	Silicon	3,000	tpa	\$19	2024	■	
NeoLith Energy Pilot Pla..		NeoLith; Pure..	NV	Lithium	10,300	tpa	\$15	Null	■	
Ascend Elements Westb..		Ascend Eleme..	MA	Battery Cell Com..	Null	Null	Null	Null	■	
Bristol Lake		Standard Lith..	CA	Lithium	Null	tpa	Null	Null	■	
Canoo Headquarters		Canoo	AR	EVs	Null	EVs	Null	2022	■	
E3 Pure Lithium Joint Fa..		E3 lithium, Pu..	AB	Lithium	Null	Null	Null	Null	■	
EV Cell Pilot Line		Solid Power	CO	Battery Cell	Null	Null	Null	2022	■	
Hell's Kitchen Project		Controlled Th..	CA	Lithium	25,000	tpa	Null	2025	■	
Imperial Valley		BHE Renewab..	CA	Lithium	90,000	tpa	Null	2026	■	
Lac à l'Original Flagship ..		First Phospha..	QC	Phosphate	Null	Null	Null	Null	■	
Madison Mine		US Strategic ..	MO	Cobalt	2,300	tpa	Null	2023	■	
Mag-Cycle pilot facility		Cyclic Materi..	ON	Recycled Materia..	8,000	tpa	Null	2023	■	
Nano One Candiac		Nano One	QC	Battery Cell Com..	Null	tpa	Null	2023	■	
Nanograf Headquarter		Nanograf	IL	Battery Cell Com..	50	tpa	Null	2024	■	
Princeton NuEnergy Pilot		Princeton Nu..	TX	Recycled Materia..	365	tpa	Null	2022	■	
Redwood Materials Hea..		Redwood Mat..	NV	Battery Cell Com..	Null	# EVs supported ..	Null	2021	■	
REEPure commercial de..		Cyclic Materi..	ON	Rare Earths	100	tpa	Null	2024	■	
Simmonds Drive Facility	NOVONIX	NS	Battery Cell Com..	10	tpa	Null	2022	■		
Sinanode Pilot	OneD Battery ..	WA	Battery Cell Com..	100	tpa	Null	Null	■		
Tesla Gigafactory 1 (Me..	Tesla	NV	Battery Cell	10	GWh	Null	2024	■		
Tesla Kato Road Facility	Tesla	CA	Battery Cell	10	GWh	Null	2021	■		
Thompson Brothers Lithi..	Snow Lake Lit..	MB	Lithium	160,000	tpa	Null	2025	■		
Workhorse Ranch	Workhorse	IN	EVs	2,000	EVs	Null	2022	■		
Planned	Rivian Plant Georgia	Rivian	GA	EVs	400,000	EVs	\$11,600	2028	■	
	PowerCo Battery Manuf..	Volkswagen	ON	Battery Cell	90	GWh	\$7,000	2027	■	
	Honda EV Battery Plant	Honda	ON	Battery Cell	36	GWh	\$5,500	2028	■	
	Honda EV Factory	Honda	ON	EVs	240,000	EVs	\$5,500	2028	■	
	Northvolt Six	Northvolt	QC	Battery Cell	30	GWh	\$5,170	2026	■	
	Hyundai SK Battery Facil..	Hyundai, SK	GA	Battery Cell	35	GWh	\$5,000	2025	■	
	Orion Assembly (Retooli..	General Moto..	MI	EVs	360,000	EVs	\$4,000	2026	■	
	StarPlus Energy Gigafac..	Samsung SDI;..	IN	Battery Cell	34	GWh	\$3,800	2027	■	
	GM-SDI Battery Factory	General Moto..	IN	Battery Cell	27	GWh	\$3,500	2027	■	
	Stellantis EV Battery Pla..	Stellantis	IL	Battery Pack	Null	Null	\$3,200	2028	■	
	LG Energy Solution- Toy..	LG	MI	Battery Cell	19	GWh	\$3,000	2025	■	
	Oakville Factory (Electri..	Ford	ON	EVs	400,000	EVs	\$3,000	2026	■	
	Giga America	FREYR Batter..	GA	Battery Cell	34	GWh	\$2,570	2026	■	
	Gotion Battery Facility	Gotion	MI	Battery Cell Com..	150,000	tpa	\$2,400	2025	■	
	Exxon Lithium Smackove..	Exxon Mobil, ..	AR	Lithium	1,000,000	# EVs supported ..	\$2,000	2027	■	

Table All

Status	Name	Company	State/ Province	Mfg Product	Targeted annual production	Production units	Capital Investmen..	Target Year	
Planned	Gotion Gigafactory	Gotion	IL	Battery Cell	40	GWh	\$2,000	2024	■
	South32 Hermosa Mine	South32	AZ	Manganese, Zinc	Null	tpa	\$1,607	2027	■
	LG Cathode Facility (Pha..	LG	TN	Battery Cell Com..	525,000	# EVs supported ..	\$1,600	2027	■
	Envision AESC South Car..	Envision AESC	SC	Battery Cell	Null	GWh	\$1,500	2027	■
	Ohio Assembly Plant	Ford	OH	EVs	Null	EVs	\$1,500	2025	■
	Rivian Plant Illinois (R2 ..	Rivian	IL	EVs	155,000	EVs	\$1,500	2026	■
	Stellantis Truck Factory	Stellantis	IL	EVs	100,000	EVs	\$1,500	2027	■
	Brampton Assembly Pla..	Stellantis	ON	EVs	Null	EVs	\$1,400	2025	■
	Toyota Motor Manufact..	Toyota	IN	EVs	Null	EVs	\$1,400	2025	■
	Pittsylvania Lithium-ion ..	Microporous ..	VA	Battery Cell Com..	Null	Null	\$1,300	2026	■
	Toyota EV Plant (Expans..	Toyota	KY	EVs	120,000	EVs	\$1,300	2026	■
	Grand River Assembly Pl..	General Moto..	MI	EVs	Null	Null	\$1,250	2027	■
	KOREPlex	KORE Power	AZ	Battery Cell	6	GWh	\$1,250	2025	■
	ArcelorMittal Calvert Al..	ArcelorMittal ..	AL	EV Parts	150,000	tpa	Null	Null	■
	Lithium ..	TerraVolta Re..	TX	Lithium	25,000	tpa	\$1,000	Null	■
	Lyten Nevada Battery Gi..	Lyten	NV	Battery Cell	10	GWh	\$1,000	2027	■
	Novonix Expansion Facili..	NOVONIX	TN	Battery Cell Com..	31,500	tpa	\$1,000	2028	■
	Carolina Lithium Project	MergeCo	NC	Lithium	30,000	tpa	\$988	Null	■
	Anovion Plant	Anovion	GA	Battery Cell Com..	40,000	tpa	\$800	2025	■
	Wyloo Sudbury Plant	Wyloo Metals	ON	Battery Cell Com..	50,000	tpa	\$900	Null	■
	PVDF Augusta Plant	Syensqo	GA	Battery Cell Com..	5,000,000	# EVs supported ..	\$850	2026	■
	Rhyolite Ridge Lithium-..	Ioneer	NV	Lithium	22,000	tpa	\$785	2028	■
	Volkswagen Puebla Plan..	Volkswagen	PUE	EVs	Null	Null	\$763	Null	■
	Toledo, Ohio Propulsion ..	General Moto..	OH	Drive Unit	Null	Null	\$760	2024	■
	e-STORAGE Shelbyville F..	e-STORAGE	KY	Battery Cell	6	GWh	\$712	2025	■
	Aspen Aerogels Georgia ..	Aspen Aeroge..	GA	Battery Cell Com..	2,000,000	# EVs supported ..	\$670	2027	■
	Project ATLiS	EnergySource..	CA	Lithium	19,000	tpa	\$660	2025	■
	Epsilon Advanced Mater..	Epsilon Advan..	NC	Graphite	50,000	tpa	\$650	2026	■
	PAK Lithium Project	Frontier Lithi..	ON	Lithium	160,000	tpa	\$600	2027	■
	Battery-Grade Mangane..	South32	AZ	Manganese Sulfa..	Null	tpa	\$553	Null	■
	Zeus Lithium Project	Noram Lithium	NV	Lithium	31,900	tpa	\$528	Null	■
	Canada Battery Compon..	Solus Advanc..	QC	Battery Cell Com..	23,000	tpa	\$514	2026	■
	e-VAC Magnetics Sumter..	e-VAC Magnete..	SC	Rare Earths	Null	Null	\$506	2025	■
	Canton Vehicle Assembl..	Nissan	MS	EVs	Null	EVs	\$500	2026	■
	EnerSys South Carolina ..	EnerSys	SC	Battery Cell	4	GWh	\$500	2028	■
	Kokomo Plants	Stellantis	IN	Drive Unit	Null	Null	\$500	2024	■
	UBE C1 Chemicals Ameri..	UBE C1 Chemi..	LA	Battery Cell Com..	154,000	tpa	\$500	2026	■
	Paradox Basin Brine Proj..	Anson Resour..	UT	Lithium	10,000	tpa	\$495	2027	■
	Magna Factory	Magna	TN	EV Parts	Null	Null	\$470	2025	■
	Graphite One Processing..	Graphite One	OH	Graphite	25,000	tpa	\$435	Null	■
	LiPF6 Manufacturing Pla..	Koura	LA	Battery Cell Com..	1,000,000	# EVs supported ..	\$406	Null	■
	Solarever Durango EV Fa..	Solarever	DG	EVs	Null	EVs	\$395	2025	■
	GM EV Fairfax Assembly ..	General Moto..	KS	EVs	Null	Null	\$391	2025	■
	Kings Mountain Lithium ..	Albemarle	NC	Lithium	350,000	tpa	\$374	2029	■
	Rose Lithium-Tantalum ..	Critical Eleme..	QC	Lithium	225,000	tpa	\$357	2024	■
	Whabouchi Mine	Pallinghurst	QB	Lithium	211,111	tpa	\$340	Null	■
	ZF Axle Drives Marysvill..	ZF North Ame..	MI	Drive Unit	Null	Null	\$314	2025	■
	Sewon Manufacturing	Sewon Ameri..	GA	EV Parts	Null	Null	\$300	2025	■
	SK Siltron CSS Bay City F..	SK Siltron CSS	MI	EV Parts	Null	Null	\$300	2027	■
	South Carolina Battery ..	Cirba Solutions	SC	Recycled Materia..	500,000	# EVs supported ..	\$300	2024	■
	Element 25	Element 25	LA	Manganese Sulfa..	65,000	tpa	\$290	2025	■
	James Bay Lithium Mine	Allkem	QC	Lithium	321,000	tpa	\$286	2024	■
	Magna Battery Plant	Magna	ON	Battery Pack	Null	Null	\$265	2023	■
	Magna Stamping and As..	Magna	TN	EV Parts	Null	Null	\$263	2025	■
	Lac Guéret Mine	NMG	QC	Graphite	500,000	tpa	\$258	Null	■
	Dai Nippon Lithium-Ion ..	Dai Nippon Pr..	NC	Battery Cell Com..	Null	Null	\$233	2030	■
	East Liberty Auto Plant (.	Honda	OH	EVs	Null	Null	\$233	2026	■
	The South West Arkansa..	SWA Lithium ..	AR	Lithium	22,500	tpa	\$225	Null	■
	Fortescue Michigan Batt..	Fortescue Me..	MI	Battery Pack	Null	Null	\$210	2025	■
	Hyundai Battery Plant Al..	Hyundai	AL	Battery Pack	15	GWh	\$205	2024	■
	Evelution Energy Cobalt ..	Evelution Ene..	AZ	Cobalt	470,000	# EVs supported ..	\$200	2026	■
	Ohio Battery Recycling (.	Cirba Solutions	OH	Recycled Materia..	250,000	# EVs supported ..	\$200	2026	■
	Silane Manufacturing Fa..	Group14	WA	Silicon	7,200	tpa	\$200	Null	■
	Amprius Fab	Amprius Tech..	CO	Battery Cell	0	GWh	\$190	2025	■
	Lilac Lithium Processing	Lilac Solutions	NV	Lithium	Null	Null	\$180	2024	■
	Tinci Electrolyte Manufa..	Tinci	TX	Battery Cell Com..	200,000	tpa	\$180	2026	■
	Graphjet Nevada Facility	Graphjet Tech..	NV	Graphite	11,023	tpa	\$175	2026	■
	Nanograf Flint Facility	Nanograf	MI	Battery Cell Com..	2,500	tpa	\$175	Null	■
	Stellantis EDM Plant	Stellantis	IN	EVs	Null	EVs	\$155	2023	■
	Enchem Tennessee	Enchem Amer..	TN	Battery Cell Com..	Null	Null	\$153	Null	■
	Airgas Production Facilit..	Air Liquide	TN	Battery Cell Com..	Null	Null	\$150	2027	■
	Birla Carbon	SKI US	SC	Graphite	25,000	tpa	\$150	Null	■
	Cathode Active Material..	Clarios Circul..	SC	Battery Cell Com..	20,000	tpa	\$150	Null	■
	Lithium-ion Battery Rec..	American Bat..	SC	Lithium	100,000	tpa	\$150	Null	■
	Bissett Creek	Northern Gra..	ON	Graphite	40,000	tpa	\$149	2025	■
	Forge Nano North Caroli..	Forge Nano	NC	Lithium	3	GWh	\$140	2026	■
	Green New Energy Mate..	Green New En..	NC	Battery Cell Com..	Null	Null	\$140	2025	■
	Mack Trucks Lehigh Vall..	Volvo	PA	EVs	Null	Null	\$139	Null	■
	Volvo Dublin Manufactu..	Volvo	VA	EVs	Null	Null	\$139	Null	■
	Volvo Hagerstown Manu..	Volvo	MD	EVs	Null	Null	\$139	Null	■
	The Geismar Lithium Sal..	Honeywell Int..	LA	Battery Cell Com..	Null	Null	\$126	2029	■
	AmPLIFI	Mitra Future ..	MI	Battery Cell Com..	15,000	tpa	\$125	Null	■

Table All

Status	Name	Company	State/ Province	Mfg Product	Targeted annual production	Production units	Capital Investmen..	Target Year	
Planned	Urbix Muscle Shoals Faci..	Urbix	AL	Graphite	10,000	tpa	\$124	Null	■
	Tonopah Flats Lithium R..	American Bat..	NV	Lithium	30,000	tpa	\$115	Null	■
	Lear Manufacturing	Lear	MI	EV Parts	Null	Null	\$112	Null	■
	Blue Whale Oklahoma Fa..	Blue Whale M..	OK	Recycled Materia..	50,000	tpa	\$110	2024	■
	H&T Recharge Kansas Fa..	H&T Recharge	KS	Battery Cell Com..	30	GWh	\$110	2025	■
	LioChem Plant	LioChem	KY	Battery Cell Com..	Null	Null	\$104	Null	■
	Hithium Mesquite Facility	Hithium Tech ..	TX	Battery Pack	10	GWh	\$100	2029	■
	Magna Seat Factory	Magna	MI	EV Parts	Null	Null	\$100	2024	■
	Stellantis Warren Facilit..	Stellantis	MI	EVs	Null	Null	\$97	2025	■
	Magna Powertrain of A..	Magna	MI	Battery Pack	Null	Null	\$96	Null	■
	Authier Lithium Project	MergeCo	QB	Lithium	114,000	tpa	\$90	2023	■
	Additives and Carbon Na..	Cabot Corpor..	MI	Graphite	13,000	tpa	\$82	Null	■
	GM Global Technical Cen..	General Moto..	MI	EVs	125	EVs	\$81	2023	■
	Separation Rapids Lithiu..	Avalon	ON	Lithium	Null	tpa	\$77	2025	■
	Capchem Electrolyte Ma..	Capchem	OH	Battery Cell Com..	Null	Null	\$75	2025	■
	Cummins Electrified Po..	Cummins	IN	EV Parts	Null	Null	\$75	2027	■
	Graphex Graphite Proce..	Graphex	MI	Graphite	15,000	tpa	\$75	2023	■
	SoulBrain Electrolyte Fa..	Soulbrain	IN	Battery Cell Com..	Null	Null	\$75	Null	■
	Stellantis Dundee Facilit..	Stellantis	MI	EV Parts	Null	Null	\$73	2024	■
	NVH Korea	NVH Korea	GA	EV Parts	Null	Null	\$72	2024	■
	Kreisel Electric Products	Deere & Comp..	NC	Battery Pack	2	GWh	\$70	2024	■
	Lithium Metal Anode Fac..	Albemarle	NC	Battery Cell Com..	0	GWh supported b..	\$67	Null	■
	SK Battery Recycling Pla..	SK Ecoplant	KY	Recycled Materia..	24,000	tpa	\$65	2025	■
	DS Ontario Facility	DS Actimo Ca..	ON	Battery Cell Com..	Null	Null	\$60	Null	■
	Fujihatsu & Toyota Bat..	Fujihatsu & T..	NC	Battery Cell Com..	Null	Null	\$60	2025	■
	Iron Phosphate (LFP) Ma..	Li Industries, ..	OH	Recycled Materia..	10,000	tpa	\$55	Null	■
	Advanced Nano Product..	Advanced Na..	KY	Battery Cell Com..	Null	Null	\$50	Null	■
	Ultra High Molecular We..	Braskem Ame..	TX	Battery Cell Com..	Null	Null	\$50	Null	■
	Electrovaya US Gigafact..	Electrovaya	NY	Battery Cell	0	GWh	\$40	2026	■
	ElringKlinger South Caro..	ElringKlinger	SC	Battery Cell Com..	Null	GWh	\$40	2025	■
	Advanced Electrolyte Pr..	Anthro Energy	KY	Battery Cell Com..	12,000	tpa	\$24	Null	■
	Kautex Textron Ontario ..	Kautex Textron	ON	Battery Cell Com..	Null	Null	\$23	Null	■
	Ingeteam (EV Chargers)	Ingeteam Inc.	WI	EV Chargers	13,000	EV Fast Chargers	\$20	2023	■
	Moment Taylor Facility	Moment Ener..	TX	Recycled Materia..	1	GWh	\$20	2027	■
	Blue Arc EV Solutions	Shyft Group	MI	EVs	3,000	EVs	\$16	2024	■
	Mack Trucks Roanoke Fa..	Mack Trucks	VA	EVs	Null	Null	\$15	2025	■
	American Autoparts Tol..	American Aut..	OH	Battery Pack	Null	Null	\$14	2024	■
	IBS Facility	IBS	AL	Battery Cell Com..	Null	Null	\$14	2024	■
	EnergyX Project Lonesta..	EnergyX	TX	Lithium	5,000	tpa	\$10	Null	■
	Lyten San Leandro Facili..	Lyten	CA	Battery Cell	0	GWh	\$10	Null	■
	Berkwood Graphite Proj..	Green Batter..	QC	Graphite	Null	Null	\$1	Null	■
	Big Sandy Lithium Sedim..	Arizona Lithiu..	AZ	Lithium	Null	Null	Null	Null	■
	Blink Charging Maryland..	Blink Charging	MD	EV Chargers	Null	Null	Null	Null	■
	CAMI Assembly Plant (B..	General Moto..	ON	Battery Pack	Null	Null	Null	2024	■
	Corvette Property	Patriot Batte..	QC	Lithium	Null	Null	Null	Null	■
	Ecobat Recycling Facility	Ecobat	AZ	Recycled Materia..	10,000	tpa	Null	2023	■
	Endurance Motive Batte..	Endurance M..	PU	Battery Pack	Null	Null	Null	2024	■
	Georgia Lake Project	Rock Tech Lit..	ON	Lithium	15,000	tpa	Null	2025	■
	Graphite Creek Project	Graphite One	AK	Graphite	Null	Null	Null	2029	■
	GTI Goodyear Facility	GTI Fabrication	AZ	Battery Cell Com..	Null	Null	Null	Null	■
	Harley-Davidson York (E..	Harley-Davids..	PA	EVs	Null	Null	Null	Null	■
	Imola Fort Valley Facility	Imola Automo..	GA	EVs	Null	Null	Null	2026	■
	Jindalee McDermitt Lithi..	Jindalee Reso..	OR	Lithium	Null	tpa	Null	Null	■
	La Loutre Graphite Proje..	Lomiko Metals	QC	Graphite	100,000	tpa	Null	Null	■
	LICAP Technologies Calif..	LICAP Technol..	CA	Battery Cell Com..	0	GWh	Null	Null	■
	Lilac Solutions	Lilac Solutions	UT	Lithium	3,000	tpa	Null	2026	■
	Lithium Refinery	Avalon	ON	Lithium	Null	tpa	Null	2027	■
	Lithium Universe Canad..	Lithium Unive..	QC	Lithium	16,000	tpa	Null	2027	■
	MegaMicro Factory	Canoo	OK	EVs	Null	Null	Null	2023	■
	Mullen Fullerton Califor..	Mullen	CA	Battery Pack	1	GWh	Null	2025	■
	Nanoramic Laboratories ..	Nanoramic La..	CT	Battery Cell Com..	Null	Null	Null	Null	■
	Nemaska Lithium Plant	Pallinghurst,	QB	Lithium	34,000	tpa	Null	2025	■
		Livent	QC	Lithium	Null	Null	Null	2026	■
	NICO Mine Project	Fortune Mine..	NT	Cobalt	1,800	tpa	Null	Null	■
	Our Next Energy Raven..	Our Next Ener..	WV	Battery Pack	Null	Null	Null	2025	■
	Sepion West Sacrament..	Sepion Techn..	CA	Battery Cell Com..	50,000	# EVs supported ..	Null	2027	■
	Seymour Project	Green Techno..	ON	Lithium	Null	Null	Null	2025	■
	Sion Power Battery Man..	Sion Power	AZ	Battery Cell	Null	Null	Null	2026	■
	Sparkz West Virginia Ba..	Sparkz	WV	Battery Pack	Null	Null	Null	2024	■
	Stardust Power INC. Mu..	Stardust Pow..	OK	Lithium	50,000	tpa	Null	Null	■
	Tonopah Flats Lithium P..	American Bat..	NV	Lithium	Null	tpa	Null	Null	■

EV Supply Chain Projects Announced by Quarter

