

EZASSI

EV-to-Storage Cell Line Conversions

Commercial Signals · October 2026

A Commercial watch on EV battery plants in North America that are converting lines to make LFP cells for stationary storage, and on who has already contracted the output. Read for a North American maker of modules, packs and containerized storage systems that buys LFP cells. Four signals from one cycle.

#	SIGNAL	CONFIDENCE	HORIZON	STATUS
1	Ultium Cells converted part of its Spring Hill, Tennessee EV plant to LFP storage cells in under five months, announcing the retool in March and starting production by July 2026	Medium	Immediate (0–3 months)	Verified
2	SK On signed its largest reported US storage supply deal, 9 GWh of LFP cells for NeoVolta Power with deliveries from 2027 to 2031, while cutting 958 jobs at its Georgia plant	Medium	Short-term (3–12 months)	Review
3	Samsung SDI said its US LFP storage line would start production in October with a large share of capacity booked through 2029, and a Korean report ties the line to its Indiana joint venture	Medium	Short-term (3–12 months)	Review
4	Anchor contracts are claiming early US LFP storage output: LG's \$4.3 billion Tesla deal, Samsung SDI's capacity booked through 2029 and SK On's 9 GWh NeoVolta supply agreement	Medium	Short-term (3–12 months)	Verified

Every signal rests on two or more dated events. Confidence is published as a band. Where a signal sits below High, the reasoning names the evidence that is missing. Status says where the evidence stands: Verified, Review, or Inconclusive — we looked, and the evidence does not yet support a firmer call.

SIGNAL 1 OF 4

Ultium Cells converted part of its Spring Hill, Tennessee EV plant to LFP storage cells in under five months, announcing the retool in March and starting production by July 2026

MEDIUM Immediate (0–3 months) · Supply & Production Readiness · **Verified**

Ultium Cells announced a \$70 million retool of Spring Hill on March 17, 2026 and said production of LG Energy Solution's JF2 LFP storage cells began on July 7, 2026. The cells go to LG Energy Solution Vertech, LG's US storage integrator. Spring Hill is among the first converted EV lines to reach storage production. None of the releases states a capacity or a volume open to outside buyers.

REASONING

Two company releases, four months apart, show a dated investment and then dated output. The July release says the plant converted existing capacity in less than five months. The band is held at Medium because the named customer is LG's own integrator and no volume for independent buyers is stated. A converted EV line can reach storage output fast, which is useful evidence for any buyer sizing future supply.

PATTERN

May 2025: LG Energy Solution began making storage cells at its Holland, Michigan plant, reconfigured from EV cells, according to trade press; the plant opened officially on June 24, 2025. March 17, 2026: Ultium Cells announced the \$70 million retool at Spring Hill, with Vertech as customer and first cells due in the second quarter. July 7, 2026: Ultium Cells said Spring Hill had begun producing JF2 LFP cells for storage systems. September 29, 2026: GM announced Ultium would add lithium manganese rich cells at Spring Hill for future GM EVs, with upgrades from late 2026 to 2028. That release does not say whether the storage lines are affected.

IMPLICATION

Converted plants are now a real source of US-made LFP storage cells. For this reader, the first question is volume: whether any of it is available outside the integrator that anchors the plant. Tax-credit documentation is the second question, because your 45X claim on modules and your customers' storage investment credit both depend on what the cell supplier can show.

RECOMMENDED ACTION

This quarter, ask each converted plant for available storage-cell volume, lead times and tax-credit documentation before your next cell contract renewal. At Spring Hill, also ask which lines are dedicated to storage cells and what notice the plant would give if line use changes.

SOURCES & WHAT THEY SIGNAL

- [Ultium Cells — Spring Hill Diversifies Production with LFP Batteries for Energy Storage Systems](#) — March 17, 2026: \$70 million retool, Vertech as customer, first cells due in the second quarter.
- [Ultium Cells — Spring Hill Begins Production of LFP Battery Cells for Energy Storage Systems](#) — July 7, 2026: production begun; conversion completed in less than five months.
- [GM — Ultium Cells to produce LMR cells in Tennessee](#) — September 29, 2026: LMR upgrade at Spring Hill for future GM EVs, running to 2028.

- [LG Energy Solution — North American storage network overview](#) — Holland production in 2025; Vertech's role; Spring Hill, Lansing and other sites. Undated page.
- [Energy-Storage.news — LG Energy Solution's \\$4.3 billion agreement with Tesla and LFP manufacturing with GM](#) — March 18, 2026: Holland converted to storage cells, with output starting in May 2025.

SIGNAL 2 OF 4

SK On signed its largest reported US storage supply deal, 9 GWh of LFP cells for NeoVolta Power with deliveries from 2027 to 2031, while cutting 958 jobs at its Georgia plant

MEDIUM Short-term (3–12 months) · Supply & Production Readiness · **Review**

A Korean trade outlet reported on September 1, 2026 that SK On signed a 9 GWh LFP supply agreement for storage with NeoVolta Power in late August. Deliveries run from 2027 to 2031. SK On's reported earlier deal with Flatiron Energy Development in 2025 was about 1 GWh. The company also cut 958 jobs at its Commerce, Georgia plant in March.

REASONING

One independent Korean report gives the volume, the buyer and the delivery years. It does not name the plant that will make the cells. The band is held at Medium and the status at Review because no company release or filing was opened for this cycle. The Georgia job cuts show the plant is shrinking its EV work while it also makes storage cells.

PATTERN

2025: SK On signed a storage supply contract of about 1 GWh with Flatiron Energy Development, per mt.co.kr. March 9, 2026: SK On cut 958 jobs, about 37% of the workforce, at its Commerce, Georgia plant, which also makes storage cells, per electrive. Late August 2026: SK On signed the 9 GWh NeoVolta agreement, reported by mt.co.kr on September 1, 2026.

IMPLICATION

A converted-plant supplier has shown it will sign multi-year storage volume with a named US buyer. At 9 GWh this is a large share of what a plant in transition can offer, so uncommitted capacity may be limited. That is an inference from the reported volume, not a stated figure.

RECOMMENDED ACTION

This quarter, confirm the terms in NeoVolta's SEC filings. Then ask SK On whether it has storage-cell volume for 2027 and 2028 beyond the reported agreement, and which plant would make it.

SOURCES & WHAT THEY SIGNAL

- [Maeil Business Newspaper \(mt.co.kr\) — Three Korean giants pivot to LFP for storage](#) — September 1, 2026: SK On and NeoVolta 9 GWh deal, 2027–2031 deliveries; the 2025 Flatiron deal of about 1 GWh.
- [Electrive — SK On cuts over 950 jobs at US battery plant](#) — March 9, 2026: 958 jobs cut at Commerce, Georgia, a plant that also makes storage cells.

SIGNAL 3 OF 4

Samsung SDI said its US LFP storage line would start production in October with a large share of capacity booked through 2029, and a Korean report ties the line to its Indiana joint venture

MEDIUM Short-term (3–12 months) · Supply & Production Readiness · **Review**

Metal.com reported on August 4, 2026 that Samsung SDI's US LFP storage cell line had entered mass-production quality validation. Production is set for October 2026 and customer deliveries before year-end. Orders have secured a substantial share of capacity through 2029. The article names no state. A Korean report on September 1, 2026 places an LFP storage conversion at StarPlus Energy in Indiana.

REASONING

Two reports from different outlets agree on the timing and point to the same line. Neither is a Samsung SDI release, and the Metal.com article does not name the plant. The band is held at Medium and the status at Review for those reasons. The reported bookings through 2029 matter more than the start date.

PATTERN

August 4, 2026: Metal.com reported the line in quality validation, with October production, deliveries before year-end and a substantial share of capacity booked through 2029. Demand was expected to exceed capacity from 2028. September 1, 2026: mt.co.kr reported that StarPlus Energy, the Samsung SDI and Stellantis joint venture, would convert part of its EV line to LFP storage cells from the fourth quarter of 2026. The plant has made NCA-based storage cells since the fourth quarter of 2025.

IMPLICATION

If the line starts on schedule, it adds a second Korean-owned US source of LFP storage cells. Capacity booked through 2029 suggests little open volume for a mid-size buyer in the first years. That reading is an inference from the reported bookings.

RECOMMENDED ACTION

Within 60 days, ask Samsung SDI's storage sales team to confirm the plant and start date, and whether any 2027 volume is open to buyers without an anchor contract. Ask for the cell specification and the tax-credit documentation at the same time.

SOURCES & WHAT THEY SIGNAL

- [Shanghai Metals Market \(SMM\) — Samsung SDI to start US LFP ESS cell production in October](#) — August 4, 2026: October start, deliveries before year-end, capacity booked through 2029.
- [Maeil Business Newspaper \(mt.co.kr\) — Three Korean giants pivot to LFP for storage](#) — September 1, 2026: StarPlus Energy in Indiana to convert part of its EV line to LFP storage cells from Q4 2026.

SIGNAL 4 OF 4

Anchor contracts are claiming early US LFP storage output: LG's \$4.3 billion Tesla deal, Samsung SDI's capacity booked through 2029 and SK On's 9 GWh NeoVolta supply agreement

MEDIUM Short-term (3–12 months) · Capital & Corporate Activity · **Verified**

Three large supply deals were reported between March and September 2026. LG Energy Solution's \$4.3 billion agreement with Tesla covers LFP cells for Megapack 3, with Lansing, Michigan output starting in 2027. Samsung SDI reported capacity booked through 2029. SK On signed 9 GWh with NeoVolta. How much output remains for independent buyers is not stated anywhere.

REASONING

Each deal is reported by a different outlet and all point the same way. The conclusion that open volume is limited is our inference. No source gives the open share. The band is held at Medium because LG's own 50 GWh figure is a target for its North American storage capacity across five sites, not a count of LFP cells available to buyers.

PATTERN

March 18, 2026: Energy-Storage.news reported LG Energy Solution's \$4.3 billion agreement with Tesla for LFP cells for Megapack 3. Whether it means a new Lansing plant or dedicated lines at the existing Lansing site is unresolved between sources. August 4, 2026: Samsung SDI's storage capacity was reported as largely booked through 2029. August 19, 2026: LG began LFP storage cell production at Lansing. LG says it aims for more than 50 GWh of North American storage capacity across five sites by the end of 2026. Late August 2026: SK On signed 9 GWh with NeoVolta.

IMPLICATION

A US-made LFP cell is no longer the same as a cell you can buy. The announced plants are already anchored by their largest customers. For a mid-size maker without an anchor contract, the question is how much volume remains and when it is offered.

RECOMMENDED ACTION

This quarter, send the same volume, format and delivery-window request to LG Energy Solution, Samsung SDI and SK On, instead of approaching them one at a time. Ask each how much 2027 volume is open to buyers outside its anchor contracts.

SOURCES & WHAT THEY SIGNAL

- [Energy-Storage.news — LG Energy Solution's \\$4.3 billion agreement with Tesla and LFP manufacturing with GM](#) — March 18, 2026: the Tesla agreement for Megapack 3 and the open question on Lansing.
- [Electrive — LG Energy Solution launches battery production in Lansing](#) — August 19, 2026: LFP storage cells in production at Lansing; Tesla supply from 2027; the 50 GWh target.
- [Shanghai Metals Market \(SMM\) — Samsung SDI to start US LFP ESS cell production in October](#) — August 4, 2026: substantial share of capacity booked through 2029.
- [Maeil Business Newspaper \(mt.co.kr\) — Three Korean giants pivot to LFP for storage](#) — September 1, 2026: SK On and NeoVolta 9 GWh; LG and Samsung SDI shares of the North American storage market.

SET UP A SIGNAL ON YOUR QUESTION

A watch on your question runs every cycle.

These signals came from one cycle of a standing watch. Name a company, a market or a regulation, and the watch keeps running whether or not anyone opens the platform. Every signal arrives rated for confidence and horizon, with the dated events behind it and the sources that carry the weight.

See all the samples and tell us your question at ezassi.com/ezassi-signals-sample-library.

info@ezassi.com · ezassi.com