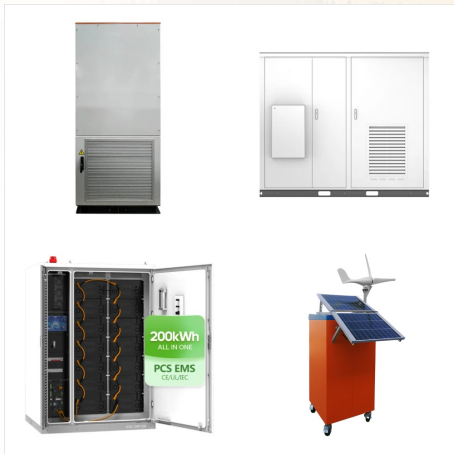




Lockheed Martin și compania românească Sinteza S.A. au semnat, miercuri, o scrisoare de intenție în vederea construcției la Oradea a unei fabrici de baterii GridStar Flow, cu zero emisii de carbon care permit obținerea de energie durabilă și stabilă, se arată într-un comunicat de presă al companiei românești, transmis miercuri AGERPRES.



It marks one of the first pilot projects for the aerospace and defense industry engineering specialist's flow battery. Called GridStar Flow, Lockheed Martin had been developing the product behind closed doors for several years, since it acquired the assets of flow battery manufacturer and MIT spinout Sun Catalytix in 2014.



Lockheed Martin și compania românească Sinteza S.A. au semnat, miercuri, o scrisoare de intenție în vederea construcției la Oradea a unei fabrici de baterii GridStar Flow, cu zero emisii de carbon care permit obținerea de energie durabilă și stabilă. Acordul stabilește cadrul în care

# GRIDSTAR FLOW BATTERY ROMANIA



FORT CARSON, Colo. ??? The Hon. Rachel Jacobson, assistant secretary of the Army, Installations, Energy and Environment, and Maj. Gen. David Doyle, commanding general, 4th Infantry Division and



U.S. defense contractor Lockheed Martin and Oradea-based Romanian chemicals producer Sinteza S.A. signed on Wednesday a letter of intent for the construction of a zero-carbon GridStar Flow battery factory in Oradea, which will make sustainable and stable energy possible, the Romanian company said in a release. The agreement sets the framework ???



GRIDSTAR (R) FLOW ENERGY STORAGE SYSTEM Contact Information: storage@lmcoenergy , (617) 374-3797 x234 (C)2018 Lockheed Martin Corporation Lockheed Martin Energy is pioneering a new flow battery designed to provide flexible, durable, long-duration (>6 hours) energy storage for utility scale projects. Applications: ??? Large-scale ???

# GRIDSTAR FLOW BATTERY ROMANIA



GridStar Flow For longer duration applications, we are pioneering innovative long-duration flow battery systems. Flow batteries can achieve low cost at long discharge times if the technology is designed right. Our coordination chemistry flow battery (CCFB) systems are designed to provide flexible, durable, long-duration energy storage for

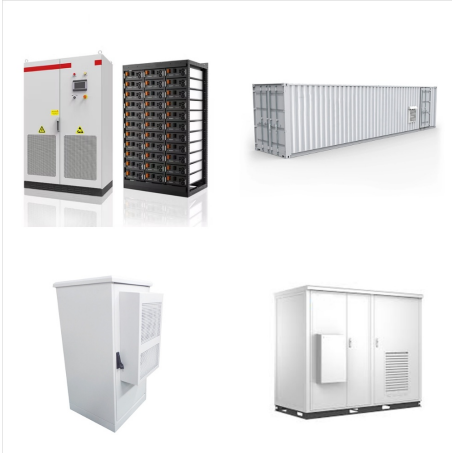


Sebastian Burduja, Energy Minister of Romania visited Lockheed Martin Energy for discussions on how the GridStar Flow battery can help Romania with its net zero goals, and to sign a letter of energy collaboration. "Lockheed Martin's GridStar Flow aligns with our goals and objectives for improving Romania's energy security," said Sebastian Burduja, Minister of ???



Aceasta va fi prima fabric?? european?? de acest tip ??i cea mai mare din lume, scrie Agerpres. ???Ast??zi, la Bucure??ti, s-a semnat un acord ?ntre gigantul american Lockheed Martin ??i compania rom?neasc?? Sinteza S.A., pentru construirea unei fabrici de electrolit negativ utilizat ?n bateriile GridStar(R) Flow. Fabrica, care va fi construit?? la Oradea, reprezint?? o [???

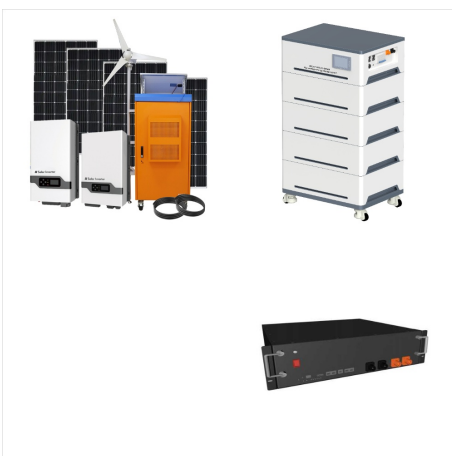
# GRIDSTAR FLOW BATTERY ROMANIA



GridStar Flow este o baterie cu flux redox inovatoare, concepută pentru a promova accesibilitatea și durabilitatea energiei curate. Fabricată în Andover, Massachusetts, și proiectată pentru viitorul sectorului energetic, GridStar Flow funcționează cu zero emisii de carbon și permite obținerea de energie durabilă și stabilă.



GridStar Flow is an innovative redox flow battery designed for long-duration, large-capacity energy storage applications, to novel and protected redox flow battery chemistry that consists of water-based, non-flammable engineered electrolytes made from commonly available materials that enable durability, flexibility, safety and a



Martin Energy as GridStar Flow, the Coordination Chemistry Flow Battery (CCFB) technology delivers a fully-integrated energy storage system designed to serve 1 MW to >100 MW utility applications. Unlike other flow batteries, GridStar(R) Flow is based not on one set chemistry (e.g., Vanadium or Zinc-Bromine), but on a patented coordination chemistry



# GRIDSTAR FLOW BATTERY ROMANIA



Lockheed Martin's GridStar Flow system is based on our proprietary battery chemistry comprising metal ligand coordination compounds. The chemistry combines low-cost, earth abundant transition metals with commodity chemical ligands to optimize battery performance and affordability. GridStar Flow systems are designed to exhibit lower system cost,



FORT CARSON, Colorado - Powered on! The U.S. Army Engineer Research and Development Center's (ERDC) Operational Energy (OE) team is celebrating the construction and installation of the GridStar(R) Flow system, a redox flow battery solution designed for long-duration, large-capacity energy storage applications.

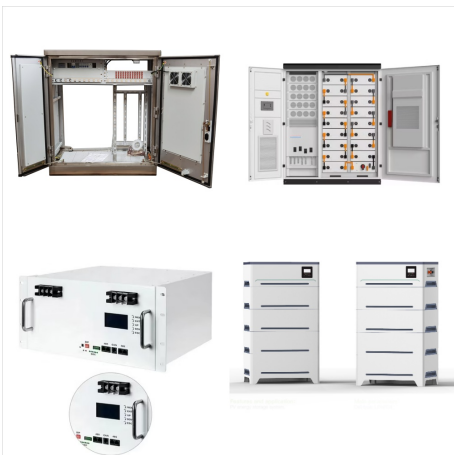


Sinteza signed an agreement with the global giant Lockheed Martin for the deployment of GridStar(R) Flow technology in producing negative electrolytes for long-term energy storage batteries. Romania launches new call for energy storage projects. December 5, 2024. Climate. Driving climate action and innovation: insights from the 5th Budapest

# GRIDSTAR FLOW BATTERY ROMANIA



Lockheed Martin și compania românească Sinteza S.A. au semnat, miercuri, o scrisoare de intenție în vederea construcției la Oradea a unei fabrici de baterii GridStar Flow, cu zero emisii de carbon.



The "GridStar Flow" battery involved a lot of collaboration from Fort Carson's Directorate of Public Works, U.S. Army Corps of Engineers Omaha District, U.S. Army Corps of Engineers



Lockheed Martin și compania românească Sinteza S.A. au semnat o scrisoare de intenție în vederea construcției la Oradea a unei fabrici de baterii GridStar Flow. Lockheed Martin și compania românească Sinteza S.A. au semnat o scrisoare de intenție în vederea construcției la Oradea a unei fabrici de baterii GridStar Flow, cu zero emisii de carbon și care va produce energie curată.

# GRIDSTAR FLOW BATTERY ROMANIA



ANDOVER, Mass. - On Feb. 8, the Lockheed Martin (NYSE: LMT) Energy team hosted the Romanian Minister of Energy, Sebastian Burduja, for discussions on how the GridStar Flow battery can help Romania with its net zero goals, and to sign a letter of energy collaboration. " Lockheed Martin 's GridStar Flow aligns with our goals and objectives for improving ???



American defense and technology giant Lockheed Martin has signed an agreement with Romanian company Sinteza SA to build a negative electrolyte factory in Oradea, which will produce components for the GridStar Flow battery system, Ebihoreanul.ro and



On February 8, the Lockheed Martin (NYSE: LMT) Energy team hosted the Romanian Minister of Energy, Sebastian Burduja, for discussions on how the GridStar Flow(R) battery can help Romania with its net zero goals, and to sign a letter of energy collaboration.

# GRIDSTAR FLOW BATTERY ROMANIA



It is a first step for the development of battery production technology in Romania. And not just any kind of battery, but Lockheed Martin's state-of-the-art GridStar Flow (redox flow battery), an innovative large-scale energy storage solution for utility, commercial, industrial and military applications.



The companies plan to develop a 50 million euro (\$52.7 million) long-term storage battery factory in Romania's northwestern city of Oradea, Bihor county, which will produce 30,000 tonnes of negative electrolyte per year using Lockheed Martin's GridStar Flow technology, the US-based company said in a press release. The facility, which is set to



On a recent visit to the US, Romania's Energy Minister Sebastian Burduja signed a letter of intent with Lockheed Martin as a first step toward the development of GridStar Flow battery production technology in Romania



# GRIDSTAR FLOW BATTERY ROMANIA



Lockheed Martin and the Romanian company Sinteza S.A. signed, on Wednesday, a letter of intent with a view to the construction of a GridStar Flow battery factory in Oradea, with zero carbon emissions and which allow obtaining sustainable and stable energy, according to a press release of the Romanian company, quoted by Agerpres.



GridStar Flow is a redox flow battery based on the principles of coordination chemistry. This new electrochemistry consists of engineered electrolytes made from earth-abundant materials that enable GridStar Flow to deliver durability, flexibility and safety. GridStar Flow is designed for more than six hours of flexible discharge and is