



# NorthStar and City Utilities of Springfield enter joint Energy Storage System project

**STOCKHOLM, Sweden, April 25, 2017 – NorthStar, the Swedish-American energy storage provider, today presents its partnership with City Utilities of Springfield, Missouri, within the area of Energy Storage Systems (ESS). The initial demonstration deployment in the Springfield electricity grid is aimed to evaluate how Springfield’s energy supply can be made more efficient and sustainable, and will be using NorthStar BLUE+ batteries monitored by the remote management solution NorthStar ACE™.**

ESS represents an emerging industry with a potential worldwide capacity of multiple gigawatt hours. There has been a tremendous growth in the ESS market globally aligned with the increased deployment of renewable energy and tighter emission restrictions of coal-fired power plants.

The need for utilities to reduce peak power demand on generation, transmission and distribution systems has created a need for battery storage to fill reliability gaps and cut peak costs. Utilities strive to optimize transmission and distribution of the electric grid, among other objectives.

“The ESS market is expected to grow to USD 200-400 billion by 2040 and represents a significant growth opportunity for NorthStar. In light of this global development, and given this partnership’s importance specifically for Springfield, our joint project with City Utilities is very important”, says NorthStar’s CEO Hans Lidén.

The energy storage solution in Springfield will be deployed next to an electrical substation located in southwest of Springfield. The project will support a growing region and new business developments are currently under construction.

The project enables City Utilities to investigate the possibility of a utility scale battery storage system. It will be carefully evaluated to determine the benefits of battery storage with respect to managing future system peak loads for City Utilities.

“We’re very excited with this opportunity to work with our community partner NorthStar on this pilot project. The opportunity to provide a platform for research that supports renewable integration options for our customers and potentially globally is something everyone at CU is excited about”, says City Utilities’ General Manager Scott Miller.

In the emerging ESS landscape, NorthStar has an excellent solution for a significant portion of the market with its BLUE+ technology. This thin plate lead carbon (TPLC) battery has demonstrated excellent results in demanding high-cyclic applications worldwide.

“As an added differentiator, the NorthStar ACE™ battery monitoring system will be presented as another innovation to monitor the solution and extend battery life in ESS. This makes us a strong candidate on this market”, says Hans Lidén.

NorthStar ACE™ is a fully integrated remote monitoring system combining Bluetooth communication with an Internet of Things (IoT) concept. The cloud service is built to aggregate and display data on a system level, but still only require a few clicks to display detailed data for a single battery. The system enables full control of the energy storage from anywhere at any time, which improves operation significantly.

The joint ESS project will be deployed in September 2017.



**For more information, please contact:**

Hans Lidén, CEO NorthStar, tel: +46 70 417 85 09, e-mail: [hans.liden@nsb.email](mailto:hans.liden@nsb.email)

Per Werin, CMO NorthStar, tel: +46 72 214 62 00, e-mail: [per.werin@nsb.email](mailto:per.werin@nsb.email)

Carlos Estrada, COO NorthStar, tel: +1 417 894 2376, e-mail: [carlos.estrada@nsb.email](mailto:carlos.estrada@nsb.email)

Joel Alexander, Manager – Communication, City Utilities of Springfield, tel: +1-417-831-8902, e-mail: [joel.alexander@cityutilities.net](mailto:joel.alexander@cityutilities.net)

**About NorthStar**

*NorthStar is a Swedish-American energy storage provider owned by the Swedish private equity firm Altor. NorthStar was founded in 2000 and is today a world leader in battery technology and energy storage solutions. NorthStar consists of two divisions – Reserve Power and Transportation. The group employs over 500 people worldwide and is headquartered in Stockholm, Sweden, and with manufacturing facilities in USA. NorthStar also has global distribution and service centers in North and South America, Asia, Middle East and Europe. Please visit [www.northstarbattery.com](http://www.northstarbattery.com).*

**About City Utilities of Springfield**

*City Utilities of Springfield (CU) is a progressive, community-owned utility serving 320 square miles ([see map of territory](#)) in southwest Missouri since 1945 with electricity, natural gas, water, broadband, and public transportation services. City Utilities is overseen by a governing board composed of local citizens. Over 111,000 CU customers enjoy electricity prices among the lowest in the United States, the convenience of one bill for all utilities, and dependable hometown services delivered with a personal touch. Please visit [www.cityutilities.net](http://www.cityutilities.net).*