

LERC's Electrochemical Process

A NEW TECHNOLOGY FOR YOUR JUST IN TIME AMMONIA NEEDS



Access to Ammonia - Just in Time

As an ammonia consumer, you could benefit from LERC's new proprietary ammonia production technology if:

- **You currently require smaller quantities of ammonia**
- **You suffer from high logistical costs (truck, rail)**
- **You worry about safety**
- **You have access to inexpensive power or excess steam**
- **You would like to store unconsumed renewable power (e.g. wind, hydroelectric, solar, geothermal)**
- **Clarity in forward pricing**

Production of Ammonia - Just in Time: LERC's Solution

Low Emissions Resources Corp. (LERC) has developed a DISRUPTIVE technology for the clean, cost-effective and scalable production of ammonia using a proprietary electrochemical process.

Relatively low start-up capital investment

Scalable from as small as 10 to over 200 tonnes per day

Ability to consume & capture stranded renewable energy

Environmentally friendly

Shorter lead time

Produce Your Own Ammonia - Just in Time

Your Benefits:

- LERC's process is scalable and can be made in any size.
- LERC's process consumes less energy and resources, and requires much less costly maintenance.
- LERC's process is eco-friendly and sustainable with the use of renewable energy.
- No carbon or greenhouse gas emissions.
- LERC's plants are the first scalable solution to the challenge of providing storage for renewable energy.
- LERC will deliver a complete, ready-to-construct ammonia production plant which utilizes the LERC proprietary electrocatalytic technology.
- The plant produces minimal waste, the only exhaust from the plant is pure oxygen which can be used or released straight into the atmosphere, without contaminating the environment.

Access to Ammonia - Just in Time: The Team

LERC provides the technology for the clean, cost-effective and scalable production of ammonia

KEYTRADE markets the LERC technology for ammonia customers and producers worldwide

You can have access to your own Ammonia Just in Time!

