



Lincoln Land Energy Center LLC Springfield/Pawnee

PROPOSED: 1100 MW Natural Gas Combined Cycle Plant

Sangamon County, Illinois

August 2017



EmberClear – Proven record of building communities

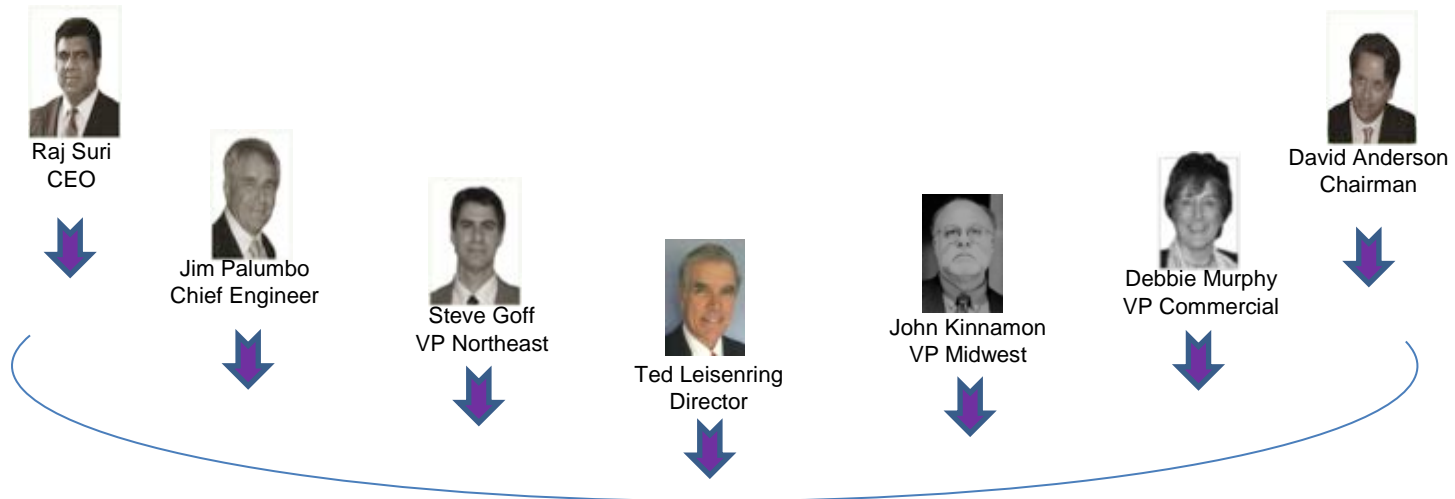
- EmberClear is one of the most innovative and successful power developers in North America
- Our clean and strategic projects have created hundreds of jobs and build communities
- Our domestic and international investors have injected hundreds of millions in the local economies
- We have a history of creating successful partnerships with the local governments and labor unions to create jobs



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EmberClear Management Team



- The management has over 100 years of combined experience within oil, natural gas and a variety of other energy related products.
- The team has worked on over 25 projects that are in service or financed totaling over \$6 Billion in capital costs.
- The Company has developed deep expertise in the following areas:
 - Infrastructure Project Development
 - Environment and Permitting
 - Legal, Commodity and financing
 - Community Relations

Management Team

Name	Title	Years	Prior Experience
Raj Suri	President & CFO	15	➤ Developed numerous energy projects across US, Asia and Europe with JV partners and sovereign governments
David Anderson	CEO & Chairman	10	➤ Raised three energy companies including two public companies from scratch with market capital ranging between \$50M and \$200M. Solid background in acquisition and restructuring of E&P businesses.
Debbie Murphy	VP Development	20	➤ More than 20 years of development experience in the full energy value chain and the chemical industry, including \$1Billion in completed power project financings.
Stephen Goff	VP of Gulf Development	20	➤ Developed power/chemical projects in the US, Africa and Asia, developed one of the largest natural gas fired power plants in US. Lead on EmberClear's Mississippi projects.
Jim Palumbo	Chief Engineer	25	➤ Developed fuel cells, power and chemical projects in the North America. An expert in waste to coal, repowering, co-gen and infrastructure projects..
John Kinnamon	VP Midwest	25	Developed infrastructure projects in the chemical manufacturing, logistics and manufacturing/co-gen through out Oklahoma, Texas and the US Gulf Coast



EmberClear – a Successful Power Developer



- The 360 MW **Good Spring Power Project** is located in the Schuylkill County, PA.
- In 2014, the Project was substantially completed and sold to Tyr Energy (owned by the \$20Billion ITOCHU Corporation of Japan)
- Project Budget \$400 million
- Construction likely to start in Q2-2018
- EmberClear continue to provide development services until the construction begins



- 490 MW **Birdsboro Power Project** located in Berks County, PA.
- In 2017, the Project was sold to Ares (\$95 Billions Fund), Tokoyo Gas and Sojit Japan.
- Project Budget \$600 million.
- The construction started in Feb 2017. Operations to start on May 2019.
- EmberClear has been retained until the operations start



- **Archbald Power Project** (2 x 490MW Units) is located in Lackawanna County, PA
- 50:50 Partner with DCO Energy
- Air Permit on first unit received in June 2017
- Project is likely to start construction in 2019



- 1100 MW **Harrison Power Project** located in Harrison County, OH
- Partnered with CB&I to co-develop & subsequently construct the Project
- Permitting started in mid-2016
- Equity to be secured in Q1-2018
- Project is on track to begin construction in Q3 2018.

UNDISCLOSED

- 1100 MW **Lincoln Land Energy Center** located in Sangamon Co, IL
- Preliminary feasibility has been completed
- Enterprise Zone – targeted for August 2017
- Project is targeted to start construction in 2019



Birdsboro Power – an advanced development on scarred site



Jun 2015



Oct 2015



Mar 2017



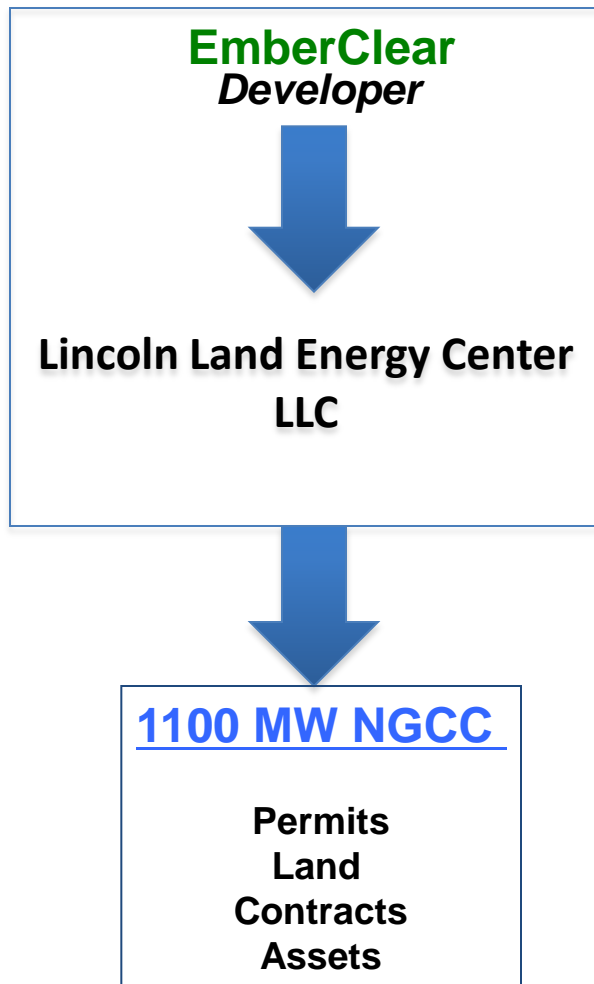
Jul 2017



May 2019 (Rendering) 6



Lincoln Land Energy Center: Current Structure



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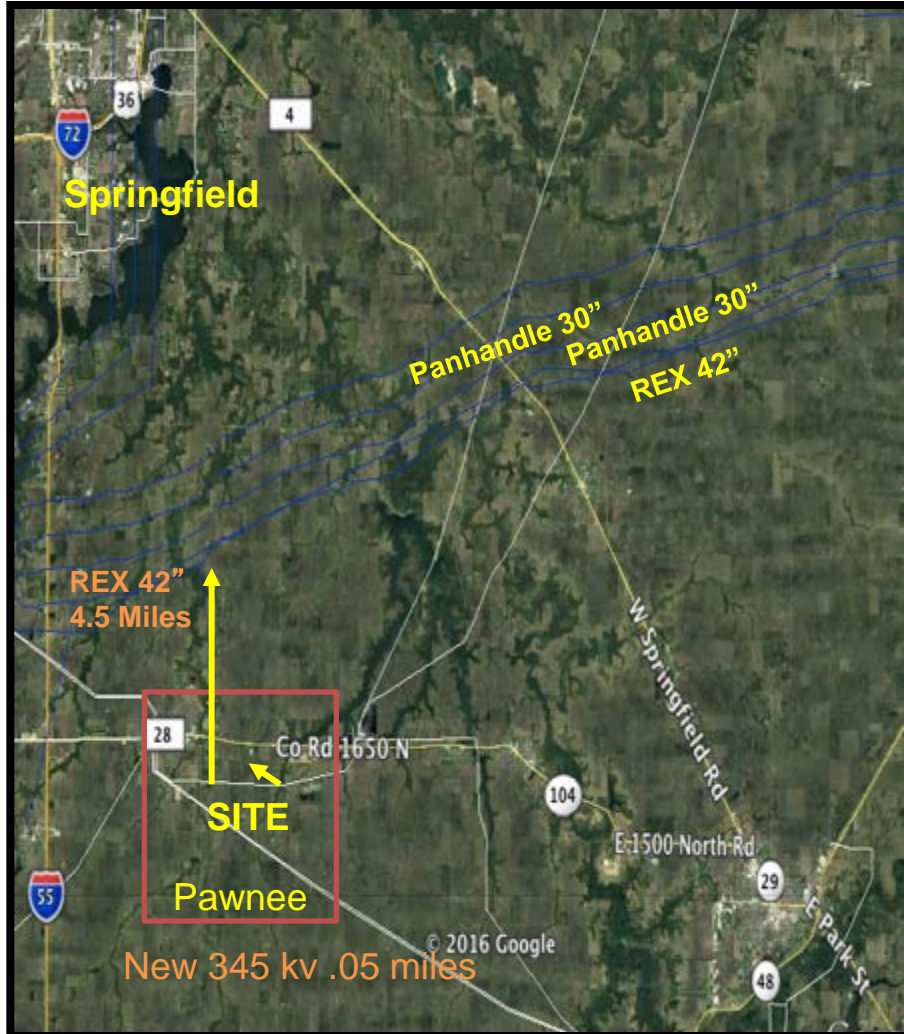
- Current market experience with recently sold Good Spring NGCC project in PJM to TYR/ITOCHU, and Birdsboro Power NGCC project to ARES-EIF
- Lead Developer
- Owns 100% of Lincoln Land Energy Center LLC

EmberClear Site: Lincoln Land Energy Center LLC

- 80-Acre Site in Pawnee (Sangamon)
- Target Construction Start: Q4 2019
- Target Operations: Q2 2022
- Potential to size up to 1100 MW



Lincoln Land Power Project Overview (cont..)



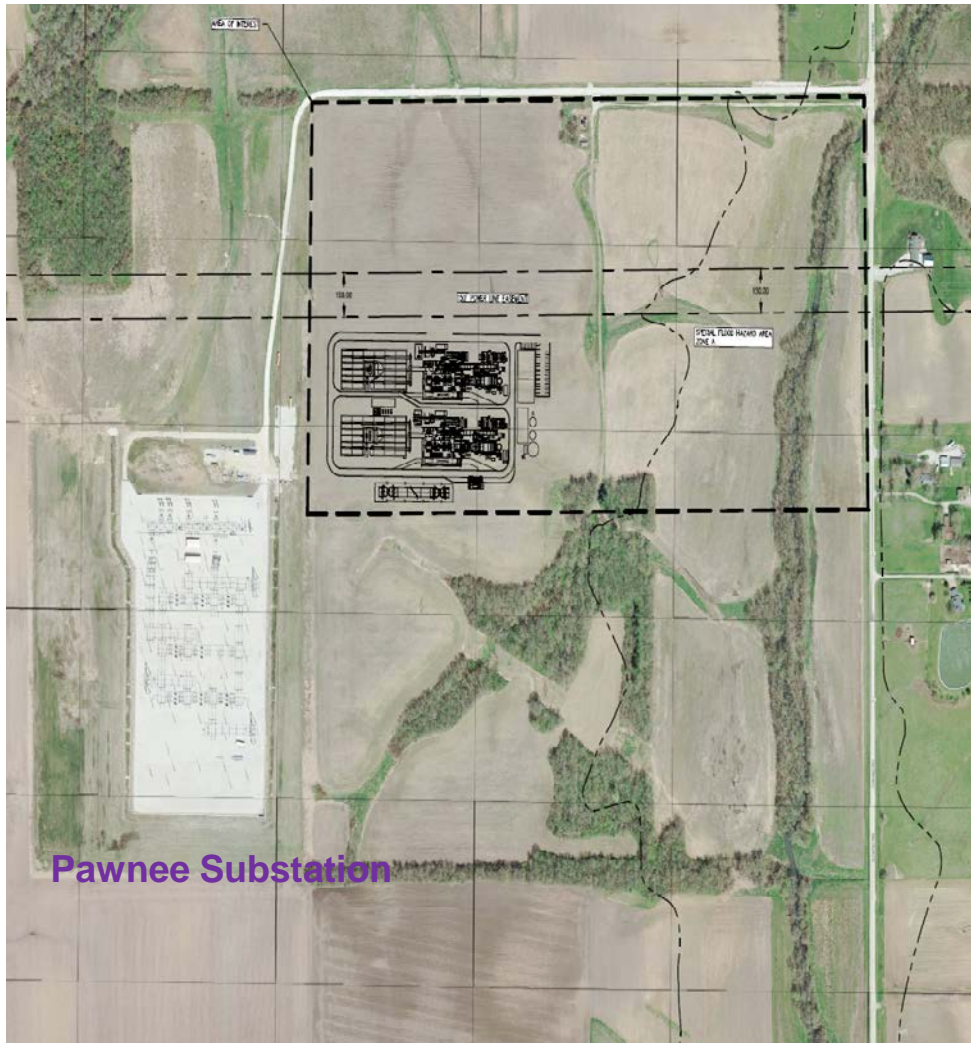
- Site – Pawnee, Illinois, (12 miles to Springfield)
- Site controlled by EmberClear
- A 80-acre greenfield flat parcel
- New major Sub-Station adjacent to the site
- Water from City Water Light and Power back up by Pawnee
- Water discharge City of Pawnee
- REX and PEPL pipelines within 4.5 miles
- State road and heavy rail access
- Site Option Agreement – Feb 2017



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Confidential



Lincoln Land Power Project Overview



- Site – minimal connectivity issues
- Pending approval of Enterprise Zone Site - sales tax exemption, property tax abatement, etc.
- Pending joint development agreement with City, County and State
- Transmission Capacity identified through screening studies
- New major Ameren Sub-Station adjacent to the site



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Lincoln Land Energy Center – Next Steps

- Enterprise Zone
- Host Agreement with City & County
- Air Permit Application
- Strategic Partner



Current Timeline Target Dates:

- Sept 30, 2017** Enterprise Zone Agreement
- Nov 30, 2017** Begin preparation of Air Permit & NPDES Permit
- Jan 30, 2018** Submit Air Permit & NPDES Permit
- Feb 28, 2018** MISO market assessment
- Oct 15, 2018** Assess MISO Queue results to determine project next steps
- Jan 15, 2019** Receive Air Permit & MISO Queue Definitive Agreement
- July 15, 2019** Finalize commercial contracts (EPC, Water, Gas Supply)
- Sep 15, 2019** Financial Close, Notice to Proceed to Construction
- Nov 30, 2022** Operations Start



Public Meetings

Past Public Meetings

March 14 – Town Hall meeting in Pawnee at the Pawnee Assembly of God Church

March 15 – Sangamon County Regional Planning Commission at Sangamon County Board Room

April 20 – Hearing Sangamon County Public Health and Zoning Committee

April 20 - Sangamon County Zoning Board of Appeals at the Sangamon County Board Room

April 24 – Public Hearing required by state law for Enterprise Zone extensions at Express Professional Services meeting room (hearing had to be conducted in a current Enterprise Zone location)

April 25 – Sangamon County Board Finance Committee for Enterprise Zone at Sangamon County Board Room

May 9 – Sangamon County Board for both Enterprise Zone extension and zoning change at Sangamon County Board Room

Upcoming

August 8 - Springfield City Council Committee of the Whole presentation

August 15 - Springfield City Council 1st Reading

August 29 – Springfield City Council Committee of the Whole

September 5 – Springfield City Council Final Vote (unless tabled or remain in committee)