



COOPERATIVE ENERGY FUTURES

COMMUNITY POWERED ENERGY

August 25th, 2019

To whom it may concern-

Cooperative Energy Futures (CEF) is applying for both an interim use permit and a variance request for a cooperatively owned community solar garden in Chisago County. The site is unique because it straddles both Lent & Chisago Lake Townships and in welcoming transparency, we'd like to have input from all parties involved.

We'd like to invite folks out to an Open House Style Workshop to present our plans, and more importantly to review and answer any questions people may have. The community meeting to discuss the project will be held at the Lent Township Office, located at 33155 Hemingway Ave, Stacy, MN 55079. The meeting will take place Tuesday, September 10th at 6:00 p.m.

A summary of the project and a site plan are included on the next page.

Regards,

Bruce Konewko
Project Manager
Cooperative Energy Futures
651.808.2242
bruce@cooperativeenergyfutures.com



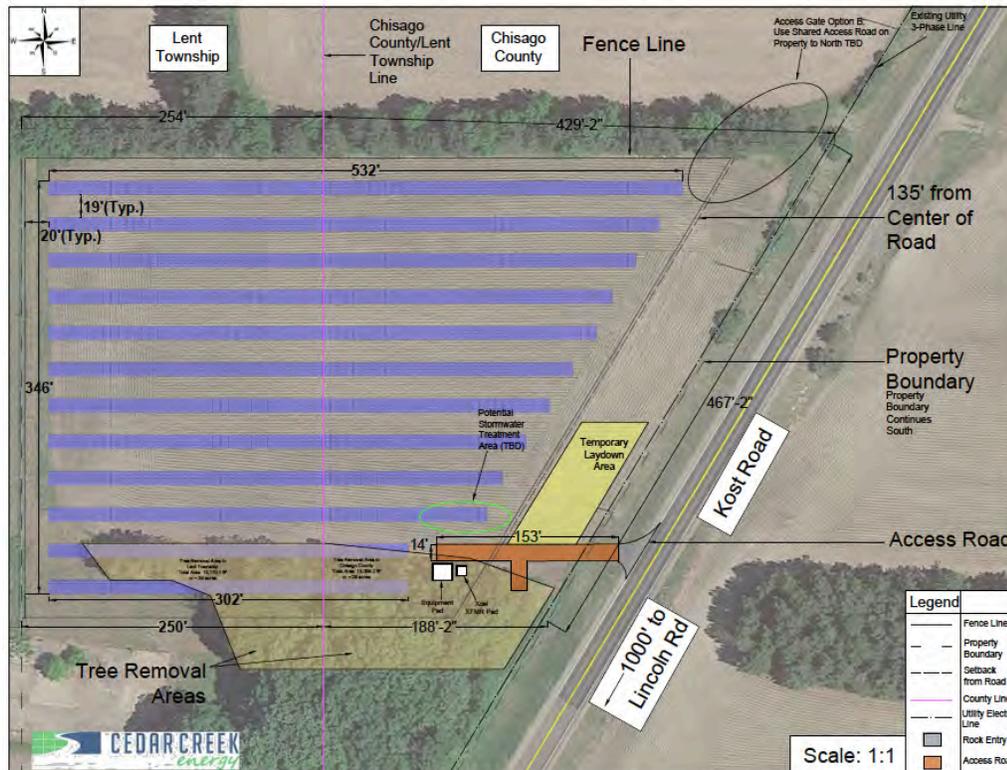
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A summary of the proposed project and a site plan are included here:

CEF is requesting a variance and interim use permit to install a contiguous one-megawatt community solar garden on the private property located at 35120 Kost Trail, owned by Frank and Debra Dusenka. The project meets the Lent Township Land Use Regulations section 4.18 that defines and governs a Community Solar Energy System, is located in Section 1 of the township and is on land zoned RR-A.

The project as contemplated falls within the 660' setback requirement from primary use from Lent Township roads. The southern edge of our proposed project is currently 400' from the point where we'd expect the 660' setback would be measured. This setback point is the centerline of Kost Trail and a point where Lent and Chisago Lake Townships meet. If approved, this will allow CEF to develop a financially feasible project that will not then require otherwise prime farmland. The project is only partially located on the eastern edge of Lent Township – the other part is located in Chisago Lake Township where we have met all zoning requirements. The project will be completely screened by trees such that no one driving within Lent Township would even know the array is there. The project meets all other township land use requirements.



CEDAR CREEK ENERGY
 1285 114th Ave NW #100
 Coon Rapids, MN 55448
 Phone #763-450-9765

PROJECT DESCRIPTION

Ground Mount PV Array for
FRANKIE'S CSG AT
 45.459384, -92.899747

SYSTEM SPECIFICATIONS

System Size DC	1.2384 MW
System Size AC	1.02 MW
DC/AC Ratio	1.21
Azimuth	180°
Tilt	30°
Module Count	3,096
Module Type	Jinko, JKMA400M-72H-V (144Hcell)
Inverter Count	17
Inverter Type	Chint, CPS SCA60KTL-DOUS-480
Inverter Power	60kW
Racking	APA
Total Project Area (in Fence Area)	178,891.3 sq ft or ~4.11 acres

DESIGN CRITERIA

Min/Max Temp.	-31° C / 32° C
Ground Snow Load	50 PSF

OTHER NOTES

NO POSITION, DISTANCE, OR CLEARANCE ISSUES WITH OVERHEAD ELECTRIC SERVICE UNDER OR OTHER UTILITIES IN RELATION TO THE PV PANELS
 247 UNDISCONNECTED KEYLESS ACCESS PROVIDED FOR THE METERS AND AC DISCONNECT
 *TYPE A SOILS: HIGH INFILTRATION RATE, MINIMAL STORMWATER RUNOFF
 CULVERT BENEATH ACCESS ROAD PROPOSED 18 INCHES WITH METAL ALUMINIZED APRON ON BOTH SIDES OF CULVERT

Drawn by: Charlie Stenstrom Date: 5/7/2019

Revisions	Drawn by:	Date:

SHEET DESCRIPTION

Site Plan

SHEET

E.01