



UPDATE:
**Regional Operations and
Communications (ROC)
Facility**

F&A Committee

Carl Kirar (FCS)

April 27, 2023

- **Purpose**

- Status update and discussion of ROC Facility construction project.

- **Agenda**

- **Timeline**

- **Next Steps - Construction**

- **Next Steps - Solar Photovoltaic:**

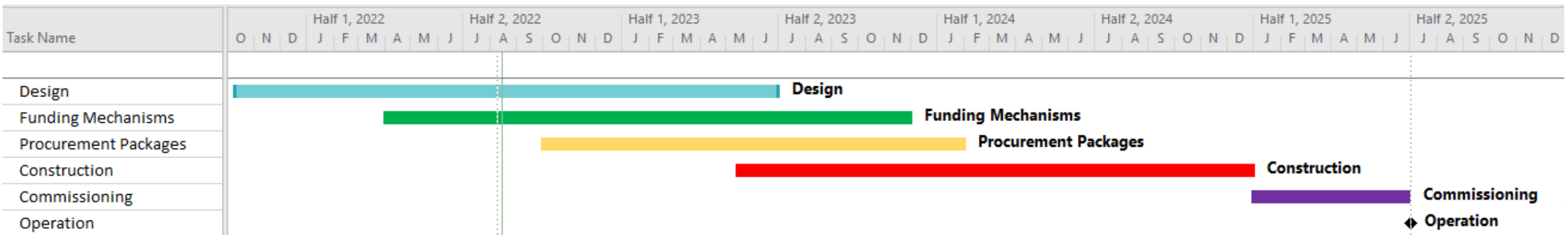
- **Overview**

- **Options**

Timeline



- Design Award: Oct '21 ✓
- Design: Oct '21 to Jan '23 ✓
- Funding & Budgeting: Mar '22 to Nov '23 ✓
- Construction Solicitation: Jan '23 to Jun-Apr '24 ✓
- Solar PV Array Solicitation: Apr '24 to Aug '24 **Out for Bid**
- Building Construction: May '23 to Dec '24 **Awarded**
- Commissioning and Outfitting: Jan '25 to Jun '25
- Ribbon cutting: Jul '25



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Next Steps – Construction



- **Permitting with Village of Libertyville**
- **Groundbreaking Ceremony:**
 - **Elected Officials (US, State, and County)**
 - **1st Responders:**
 - **Emergency Telephone System Board (ETSB) Members**
 - **Public Safety Answering Points (PSAP) Members**
 - **Emergency Management Agency (EMA) Members**
 - **Communications will be coordinating**
 - **Date TBD depending on permitting; June**

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Next Steps – Solar Photovoltaic



- **Construction and Operations and Maintenance Costs:**
 - Estimated Construction Cost: \$3.4M
 - Annual Operations and Maintenance: \$10K
- **Illinois Clean Energy Community Foundation (ICECF) Net Zero Energy Grant:**
 - \$2M grant
 - Earned by Lake County with Net Zero Energy rating of building
 - Must own solar panels to qualify for Net Zero Energy rating
- **Inflation Reduction Act:**
 - Lake County is eligible for Solar Federal Tax Credit for up to 30% of installation costs
 - Private Developers also qualify for tax credit
- **Renewable Energy Credits (REC):**
 - Lake County owns RECs if we own solar panels
 - We must own RECs to qualify for ICECF Grant

Next Steps – Solar Photovoltaic



- **Options Considered:**

- **Lake County Purchase Outright:**

- Qualify for ICECF Grant and Solar Federal Tax Credit
 - Estimated overall cost to Lake County: \$500K

- **Power Purchase Agreement:**

- Developer installs and operates Solar PV Array
 - County purchases generated power at specific rate over 15 or 20 years
 - County has option to purchase Solar PV Array in years 8 or 15
 - Cannot use ICECF grant
 - Do not own RECs

- **Way forward: Purchase Outright**



Questions