



## Application Details

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**Project Name**

Big Timber Solar Farm

Do you have an interconnection agreement for an existing DER facility at this premise?

No

**Phone Number**

224-222-0069

**City**

Gilberts

**Street**

Higgins Rd

**State**

Illinois

**Zip**

60136

**Latitude**

42.097551

**Longitude**

-88.397101

**Application Type**

Level 4

**Intent of Generation**

Community Supply

**Energy Source**

Solar

**Electrical Supplier**

ComEd

## Customer Information

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**Customer Name**

Big Timber Solar Farm

**Phone Number**

224-222-0069

**Email**

tejpatel@suryapowered.com

**Street**

141 W Jackson BLVD STE 1692

**City**

Chicago

**State**

Illinois

**Zip Code**

60604

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**Property Type**

Community Supply

**Will this project be installed by customer?**

No

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**Contractor Information**

**Equipment Contractor**

Equipment Contractor

Equipment Contractor

**Company Name**

Surya Powered

**Full Name**

Tej Patel

**Email Address**

tejpatel@suryapowered.com

**Phone Number**

224-222-0069

**Street Address**

141 W Jackson BLVD STE 1692

**City**

Chicago

**State**

Illinois

**Zip Code**

60604

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**Electrical Contractor**

Electrical Contractor

Electrical Contractor

**Company Name**

Surya Powered

**Full Name**

Tej Patel

**Email Address**

tejpatel@suryapowered.com

**Phone Number**

224-222-0069

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**Additional Level 4 Questions**

1. Are you interested in having a scoping meeting? (This meeting may be waived if you and ComEd both find it unnecessary.)

No

2. Do you want to combine the feasibility and system impact study? (This is recommended by ComEd.)

Keep Studies Separate

## Equipment Information

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### Inverter Information

What type of energy production equipment does the system utilize?

Inverter

**Inverter Manufacturer**

Chint Power Systems America

**Inverter Model**

CPS SCH125KTL-AIO/US-600 [600V]

**AC Rating**

125

**AC Rating**

125

**AC Rated Voltage**

600

**DC Rating**

187.5

**DC Rating**

132

**DC Circuit Voltage (Volts)**

1500

**Inverter Type**

Line commutated

**Inverter Efficiency**

98.5

**Inverter Power Factor**

99

**Number of Inverters**

40

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### Array Information

**Tilt**

55

**Azimuth**

180

DC Size in KW

7503

Module Type

Premium

Array Type

1-Axis

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**System Limited Export Capacity**

Do you intend to operate your equipment at a capacity less than total nameplate? (Non Net Export systems can only be submitted through a Level 3 Application.)

No

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**Additional Details**

Are you installing your own transformer?

Yes

Electric Service Capacity

5500

Electric Service Voltage

600

Electric Service Phase

Three Phase

Primary Winding

Delta

Secondary Winding

Wye Grounded

Electric Service Impedance

5.75

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**Total System Size Information**

**Total Installed System Capacity**

5000.00

**Unit for Total Installed System Capacity:**

kW

**Total System Generation DC**

7503.00

**Type of Service**

Three Phases

**Total Export Capacity**

5000.00

**Estimated In Service Date**

04/01/2025

Projects

Resources

Application Types & Statuses

Printable Applications

Interconnection & Net Metering FAQs

**Contact Us:**

✉ Interconnect@ComEd.com  
☎ 630-576-8158

✉ NetMetering@ComEd.com  
☎ 800-825-5436