

PRE-FEASIBILITY STUDY SUMMARY

OVERVIEW

Client: Food feed factory
Location: Industrial park, Long An province
Type of building: industry warehouse
Construction year: Design stage
Operation pattern: -



ENERGY CONSUMPTION

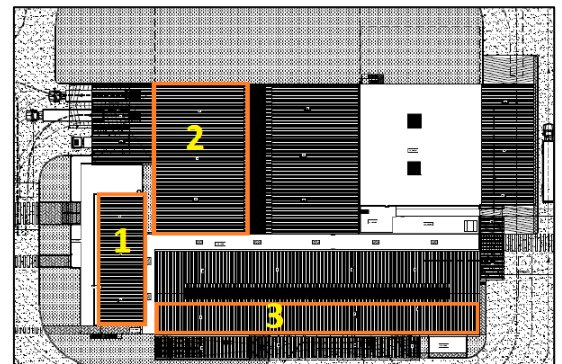
Annual Consumption: *unknown*

Main Usages:

- Process lines (including steam)
- Lighting system for production and offices
- Others

Tariff Structure¹ (to be confirmed):

- Peak hours: 2,556 VND/kWh (11.5 US c/kWh)
- Normal hours: 1,405 VND/kWh (6.3 US c/kWh)
- Off-peak hours: 902 VND/kWh (4.0 US c/kWh)

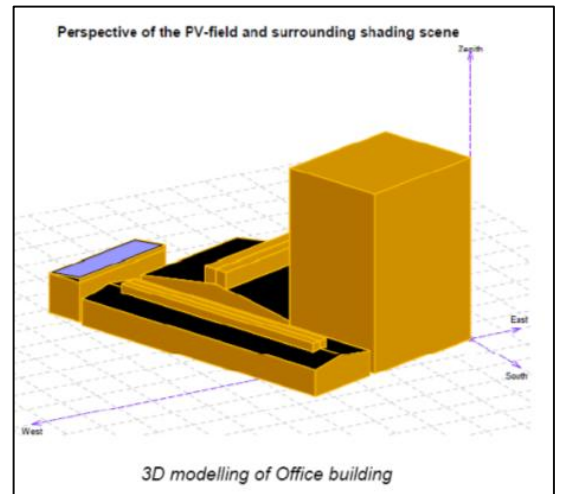


SOLAR PV SYSTEM

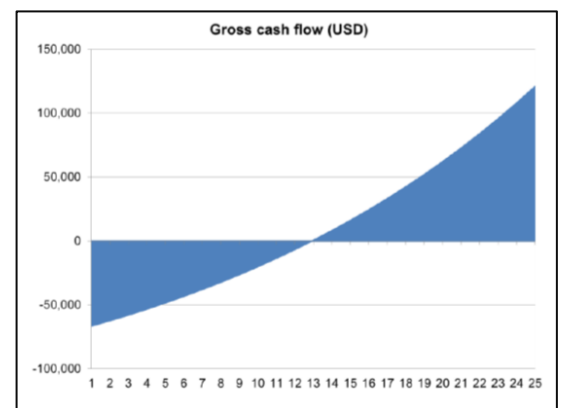
Size: 40 - 69 - 65 kWp
Energy yield: 1,334 - 1,288 - 1,114 kWh/kWp/year
Annual production: 54 - 89 - 72 MWh
Annual degradation: 0.8%
Grid displacement: *unknown*
Investment cost: US\$ 70,525 - US\$ 120,750 - US\$ 113,750
Payback: 13 to 15 years

Description:

- Three building-tied PV systems proposed, with no battery storage
- Full self-consumption on site
- The PV panels are mounted on the tilted roof (metal sheets)



For more information, please contact solarhub@dragoncapital.com



¹ Normal hours: Mon-Sat 04h00 - 09h30; 11h30 - 17h00; 20h00 - 22h00. Sun 04h00 - 22h00
 Off-peak hours: Mon-Sun 22h00 - 04h00
 Peak hours: Mon-Sat 09h30 - 11h30; 17h00 - 20h00