




Renewable Energy System Payback Period Calculation

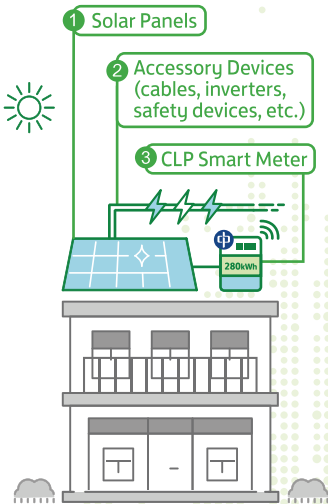
Under the CLP Renewable Energy Feed-in Tariff (FiT), three types of FiT rates will be offered according to the generation capacity of your renewable energy system:

Capacity of the Renewable Energy System	 ≤10kW	 >10kW - ≤200kW	 >200kW - ≤1MW
FiT Rate[^] (per unit of electricity – kWh)	HK\$5	HK\$4	HK\$3

[^]The rates listed above are effective from 1 October 2018 onwards and will be reviewed regularly.

Typical Case for Village Houses

A solar energy system comprises three major components:



How to Calculate Your Payback Period

A solar system with a generation capacity of about 1kW in Hong Kong can generate around 1,000 units of electricity a year.

A Solar System in a Typical Village House

Rooftop area	700 square feet
Estimated number of solar panels installed	12pcs (approximately one third of the total rooftop area)
Renewable energy system generation capacity	Around 3kW
Estimated annual renewable energy electricity generated	Around 3,000 units
Applicable FiT rate	HK\$5 / kWh
Estimated annual FiT earning	Around HK\$15,000
Estimated system construction cost	Market rate ranges from around HK\$90,000 to HK\$150,000
Payback period	Approximately 10 years

You are reminded to ensure the design, installation, operation and maintenance of your renewable energy system comply with all applicable laws, regulations, guidelines, safety and technical requirements.

The scheme outlined in this leaflet is subject to terms and conditions. For more details, please visit www.clp.com.hk/feed_in_tariff_residential_en