

Feed in Tariffs

Cost

Inputs

\$0.60 EV Gross FiT (per kWh)

25% Prodn Exported (source: MMA)

\$0.60 Vic Gov Net FiT (per kWh)

18% Solar PV capacity factor

24 hrs per day

365 days per year

2.4 Total Vic energy customers (mil)

\$0.16 Normal electricity cost / kWh

\$1,000 Avg annual household bill

250 Solar installed (MW) - EV model

100 Solar installed (MW) - Vic Govt model

\$12,000 Installed cost per kW

\$8,000 PVRP per customer

Statewide Calcs - EV Model

250 Solar capacity installed (MW)

394,200 MWh per year produced

236.5 Gross - total subsidy (\$mil)

Statewide Calcs - Vic Govt Model

100 Solar capacity installed (MW)

157,680 MWh per year produced

23.7 Net - total subsidy (\$mil)

Individual Calcs for a 1kW system

1.0 Solar capacity (kW)

1,577 kWh produced per year

394 kWh exported

1,183 kWh own use

\$4,000 Net cost for 1kW system

Gross Feed In - EV Model

\$98.55 Subsidy paid per customer

9.9% Increase in avg. bill - Gross

\$946 Total subsidy received/yr

4.2 Payback Years - Gross

Net Feed In - Vic Govt Model

\$9.86 Subsidy paid per customer

1.0% Increase in avg. bill - Net

\$237 Subsidy from Export

\$189 Savings from own use

\$426 Total saving received/yr

9.4 Payback Years - Net