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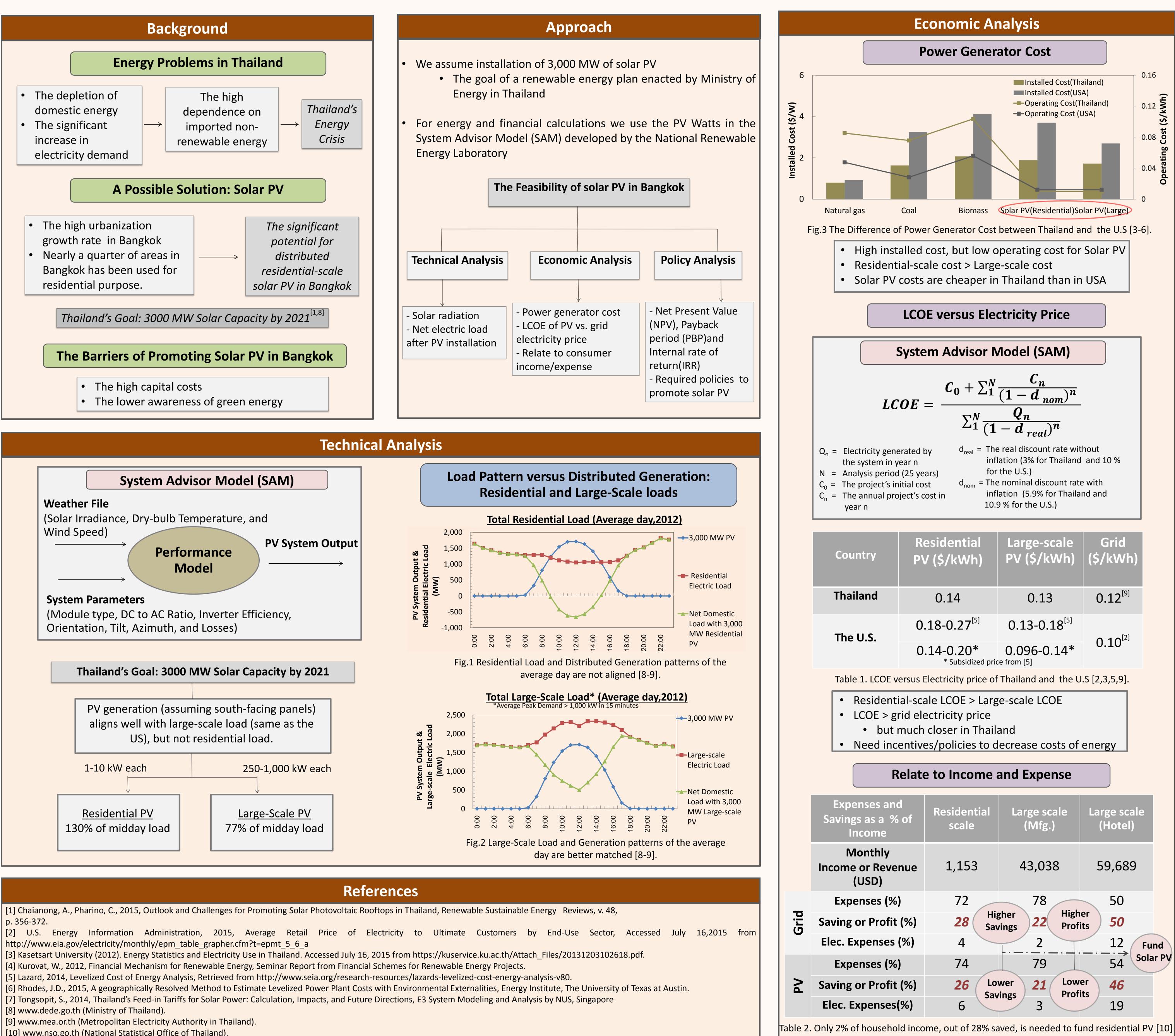
Authors: Aksornchan Chaianong, The University of Texas at Austin; Carey W. King, Energy Institute, The University of Texas at Austin

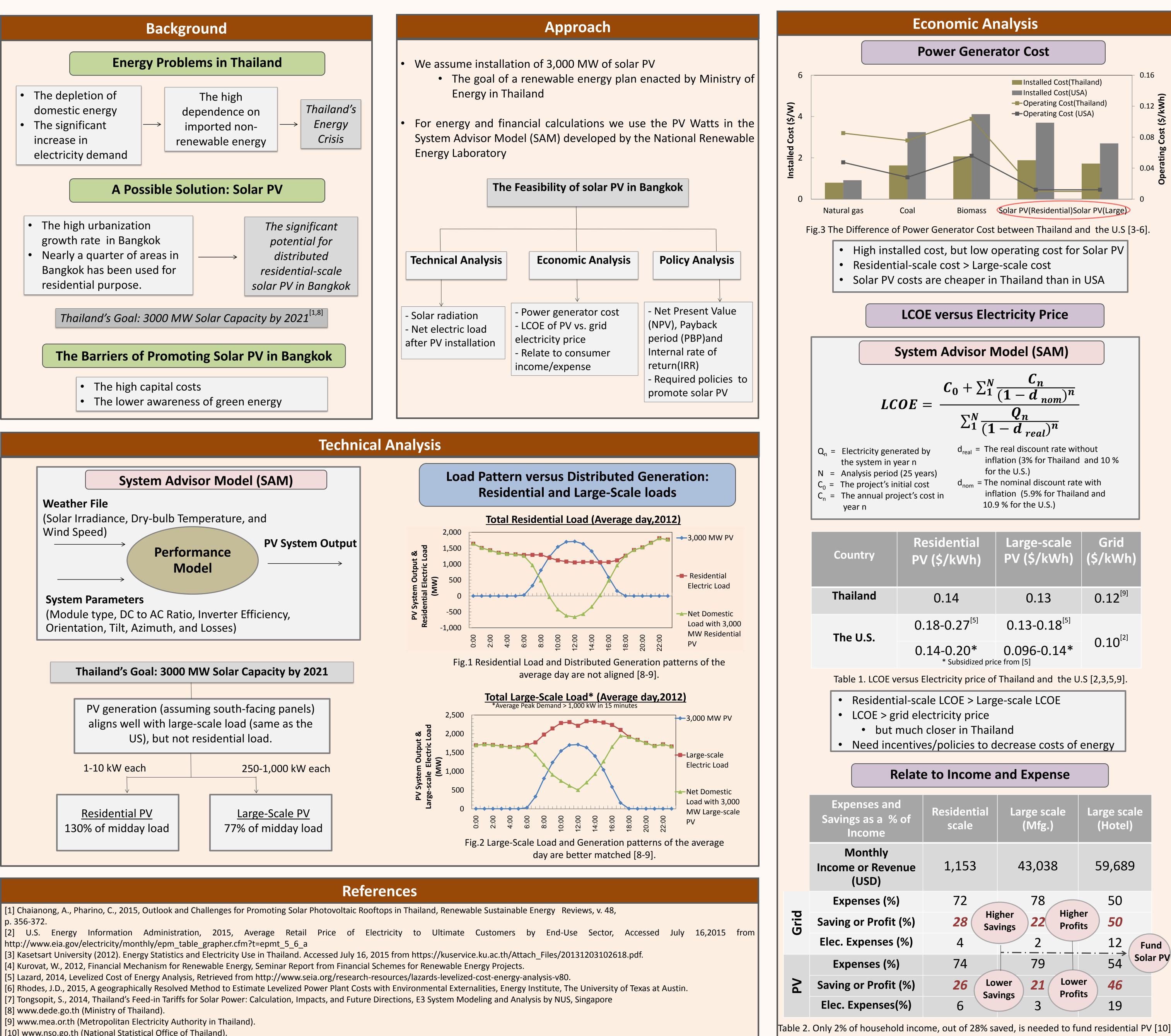
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Title: An Analysis for Promoting Residential-Scale Solar Photovoltaic (PV) in Bangkok



AN ANALYSIS FOR PROMOTING RESIDENTIAL-SCALE SOLAR PHOTOVOLTAIC (PV) IN BANGKOK, THAILAND

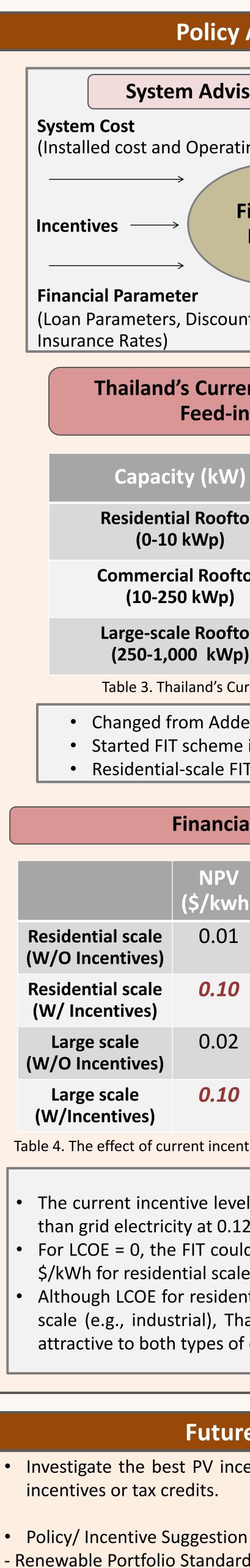




[10] www.nso.go.th (National Statistical Office of Thailand).

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y Analysis				
visor Model (SAM)				
ating cost)				
Financial Model				
ount rate, Tax and				
rent Solar PV Rooftop -in Tariff (FIT)				
V) FIT (\$/kwh)				
ftop		0.20		
oftop)		0.19		
ftop Vp)		0.18		
Current Solar PV Rooftop FIT [7] Ider to FIT ne in 2013 FIT > Large-scale FIT				
cial Analysis				
V vh)		OE (wh)	PBP (Years)	IRR (%)
1	0.	14	12.16	7
0	-0.	04	4.89	27
2	0.13		11	9
0	-0.	04	4.76	28
entives on solar project's feasibility. [3,4,7]				
evels make PV electricity cheaper .12 \$/kwh (e.g., LCOE < 0) ould be reduced to 0.14 and 0.13 ale and large scale, respectively ential PV is higher than for large Thailand's FIT makes PV equally of customers.				

Future Work

• Investigate the best PV incentives for Thailand: direct cash

- Renewable Portfolio Standard (RPS), Net Metering, and Solar Renewable Energy Credit (SERC)