

## TENTATIVE PROGRAMME

### INTRODUCTORY TRAINING ON GRID-CONNECTED PHOTOVOLTAIC SYSTEM

DAY 1	
TIME	DESCRIPTION
08:30 – 09:00	Registration
09:00 – 09:30	Welcoming remarks
09:30 – 10:30	Chapter 1: Introduction of RE: <ul style="list-style-type: none"><li>- Function of SEDA Malaysia</li><li>- RE Statistics</li><li>- RE Policy in Malaysia</li><li>- RE Scheme (FiT, NEM, SelCo and LSS)</li><li>- Statistic on PV Installation in Malaysia</li></ul>
10:30 – 10:45	Tea Break
10:45 – 11:30	Chapter 2: Introduction to PV Systems: <ul style="list-style-type: none"><li>- Types of Solar Energy</li><li>- Types of Solar PV Systems</li><li>- Types of Solar PV Installation</li><li>- Examples of PV System Installation</li></ul>
11:30 – 12:45	Chapter 3: Basic Solar Engineering: <ul style="list-style-type: none"><li>- Basic Earth Geography</li><li>- Solar Earth Collector Geometry</li><li>- Availability of Solar Energy</li></ul>
12:45 – 14:00	Lunch
14:00 – 15:30	Chapter 4: Grid-Connected Photovoltaic (GCPV) System: <ul style="list-style-type: none"><li>- Basic solar electricity</li><li>- Solar PV Module</li><li>- Inverter</li><li>- Basic Design &amp; Sizing</li></ul>
15:30 – 15:45	Tea Break
15:45 – 17:00	Chapter 5: Connection to the Grid: <ul style="list-style-type: none"><li>- Types of connection</li><li>- Wiring cable and switches</li><li>- Surge Protection Device</li><li>- Array Junction Box</li><li>- Grounding</li></ul>

<b>DAY 2</b>	
<b>TIME</b>	<b>DESCRIPTION</b>
9:00 – 10:30	Chapter 6: System Performance and Evaluation <ul style="list-style-type: none"> <li>- Monitoring</li> <li>- Specific Yield, Performance Ratio</li> </ul>
10:30 – 10:45	Tea break
10:45 – 12:00	Chapter 7: Installation, Operation and Maintenance <ul style="list-style-type: none"> <li>- Installation (Pre-installation, Standards etc)</li> <li>- Testing &amp; Commissioning</li> <li>- Operation &amp; Maintenance</li> </ul>
12:00 – 14:00	Lunch
14:00 – 15:30	Chapter 8: Case Study and Lesson Learnt