

Solar - EDP Schedule

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| 1 | Introduction to Solar | <ul style="list-style-type: none">• Current Market• Various opportunities in Solar sector• Understanding your electricity bill• Variable charge v/s Fixed charge• Solar System sizing with example |
| 2 | Basics of Solar and System Components | <ul style="list-style-type: none">• Panels, inverters, BOS, Structure, LA• AC and DC. Basics of electricity• Series and parallel connections, voltage and current relation• How to choose inverters and panels, BOS and Structure |
| 3 | Array Matching and Inverters | <ul style="list-style-type: none">• Min. panels in a string• Max. panels in a string• Max. strings in a inverter |
| 4 | Site Visit Basics and Net Metering | <ul style="list-style-type: none">• Site Survey questions• How to face customers on site survey• Net Meter application forms• Requirements for Net Metering |
| 5 | Operations and Maintenance of Solar Plants | <ul style="list-style-type: none">• Why is O&M required• Case study when plant stops working• Proper O&M Practices |
| 6 | Solar Financing | <ul style="list-style-type: none">• Depreciation, Payback and IRR for Solar System |

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| | | <ul style="list-style-type: none"> • PPA and types of PPA • Solar Financing Mechanisms • Various Business model for Solar Installation |
| 7 | Solar Plant: How it all comes together? | <ul style="list-style-type: none"> • Start to end of rooftop solar • How to make a presentation for solar rooftop • Project Report for Rooftop Solar (Commercial and Technical) • Lessons learnt to start your solar business |
| 8 | Off-grid Solar and Solar Pumps | <ul style="list-style-type: none"> • Calculate peak load for battery • Energy and Power for Solar Battery • Types of battery to be used • Technical and commercial comparison of batteries • Components of Solar Water Pumps • Design of Solar Pumps • Benefits/Subsidies and Case studies |
| 9 | Solar Lanterns + Solar LEDs | <ul style="list-style-type: none"> • Difference between Solar Lanterns and SHS • Circuit Diagrams of Solar Lanterns + SHS • Marketing channels & Financing Channels |
| 10 | Site Visit | <ul style="list-style-type: none"> • Site Visit to any current and established solar site. |

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| 11 | Developing Entrepreneurial Competencies | <ul style="list-style-type: none"> • Achievement Motivation. • Risk Taking Ability. • Goal Setting. • Innovativeness • Concern for high Quality work • Commitment. • Information Seeking Ability. • Initiative. • Problem Solving Techniques. • Self Confidence. • Stress, Time, Conflict Mgt. • Systematic Planning & Monitoring |
| 12 | Business Opportunities & Ideas | <ul style="list-style-type: none"> • Developing Creativity. • Spotting Flaws in Existing Business Scenario. • Spotting Trends. • Geographical & Untraditional Business Ideas. • Innovations / Inventions. • Experiences of successful Entrepreneurs in solar sector. |
| 13 | Project Management | <ul style="list-style-type: none"> • Accounting, Taxation & Finance. • Working Capital Management. • Marketing Management, HR Management. • Materials Management. • Decision Making, Team Building. |

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