

Table of Contents

Acronyms and Abbreviations..... 5

Introduction 7

Summary..... 9

Overview of Solar Power..... 11

 What is Solar Power? 11

 The History of Solar Power 12

 Solar Power Technology..... 13

Solar Power Business Drivers..... 17

 Climate Change 17

 National Security..... 18

 Price of Fossil Fuels..... 20

 Government Mandates for Renewables 21

 Environmental Consciousness of Consumers 23

Traditional Incentives to Encourage Solar Power Installation..... 24

Innovative Utility Solar Power Initiatives..... 26

 Leasing Rooftops 26

 Turnkey Purchase and Installation..... 27

 Solar Loan..... 27

 Power Purchase Agreement 28

 Feed-In Tariff 29

 Solar REC Purchase..... 31

Innovative Private Business Models for Solar Power 33

 Power Purchase Agreement..... 33

 Lease 35

 Broker 36

Innovative Government Initiatives for Solar Power..... 38

 Tax Assessment 38

 Lease 40

 Loan 40

 Production Incentive 41

 Rebate 42

Glossary 43