

# **North America Solar Panel Recycling Market 2020-2027 by Process (Mechanical, Thermal, Laser, Chemical), Panel Type (Monocrystalline, Polycrystalline, Thin Film), Shelf Life (Early Loss, Normal Loss), and Country: Trend Outlook and Growth Opportunity**

<https://marketpublishers.com/r/N648C59A9E34EN.html>

Date: May 2021

Pages: 82

Price: US\$ 2,380.00 (Single User License)

ID: N648C59A9E34EN

## **Abstracts**

North America solar panel recycling market is expected to grow by 18.3% annually in the forecast period and reach \$101.3 million by 2027 driven by the growing demand for clean energy, increasing growing adoption of solar power, and rising support of the government toward sustainable development.

Highlighted with 21 tables and 33 figures, this 82-page report “North America Solar Panel Recycling Market 2020-2027 by Process (Mechanical, Thermal, Laser, Chemical), Panel Type (Monocrystalline, Polycrystalline, Thin Film), Shelf Life (Early Loss, Normal Loss), and Country: Trend Outlook and Growth Opportunity” is based on a comprehensive research of the entire North America solar panel recycling market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2017-2019 and provides estimate/forecast from 2020 till 2027 with 2019 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of North America market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19. The balanced (most likely) projection is used to quantify North America solar panel recycling market in every aspect of the classification from perspectives of Process, Panel Type, Shelf Life, and Country.

Based on Process, the North America market is segmented into the following sub-markets with annual revenue for 2017-2027 included in each section.

Mechanical Recycling

Thermal Recycling

Laser Recycling

Chemical Recycling

Other Processes

Based on Panel Type, the North America market is segmented into the following sub-markets with annual revenue for 2017-2027 included in each section.

Monocrystalline Solar Panels

Polycrystalline Solar Panels

Thin Film Solar Panels

Based on Shelf Life, the North America market is segmented into the following sub-markets with annual revenue for 2017-2027 included in each section.

Early Loss

Normal Loss

Geographically, the following national/local markets are fully investigated:

U.S.

Canada

Mexico

For each key country, detailed analysis and data for annual revenue are available for 2017-2027. The breakdown of key national markets by Process, Panel Type, and Shelf Life over the forecast years are also included.

The report also covers current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Key Players (this may not be a complete list and extra companies can be added upon request):

Canadian Solar Inc.

EIKI SHOJI Co. Ltd.

First Solar Inc.

Interco Trading Inc.

PV Cycle a.i.s.b.l.

Reclaim PV Recycling Pty Ltd.

Reiling GmbH & Co. KG

REMA PV System AS

Rinvasol GMBH

Sharp Corporation

Silcontel Ltd.

SunPower Corporation

Trina Solar Co., Ltd.

Yingli Energy Co. Ltd.

(Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

## Contents

### **1 INTRODUCTION**

- 1.1 Industry Definition and Research Scope
  - 1.1.1 Industry Definition
  - 1.1.2 Research Scope
- 1.2 Research Methodology
  - 1.2.1 Overview of Market Research Methodology
  - 1.2.2 Market Assumption
  - 1.2.3 Secondary Data
  - 1.2.4 Primary Data
  - 1.2.5 Data Filtration and Model Design
  - 1.2.6 Market Size/Share Estimation
  - 1.2.7 Research Limitations
- 1.3 Executive Summary

### **2 MARKET OVERVIEW AND DYNAMICS**

- 2.1 Market Size and Forecast
  - 2.1.1 Impact of COVID-19 on World Economy
  - 2.1.2 Impact of COVID-19 on the Market
- 2.2 Major Growth Drivers
- 2.3 Market Restraints and Challenges
- 2.4 Emerging Opportunities and Market Trends
- 2.5 Porter's Fiver Forces Analysis

### **3 SEGMENTATION OF NORTH AMERICA MARKET BY PROCESS**

- 3.1 Market Overview by Process
- 3.2 Mechanical Recycling
- 3.3 Thermal Recycling
- 3.4 Laser Recycling
- 3.5 Chemical Recycling
- 3.6 Other Processes

### **4 SEGMENTATION OF NORTH AMERICA MARKET BY PANEL TYPE**

- 4.1 Market Overview by Panel Type

- 4.2 Monocrystalline Solar Panels
- 4.3 Polycrystalline Solar Panels
- 4.4 Thin Film Solar Panels

## **5 SEGMENTATION OF NORTH AMERICA MARKET BY SHELF LIFE**

- 5.1 Market Overview by Shelf Life
- 5.2 Early Loss
- 5.3 Normal Loss

## **6 NORTH AMERICA MARKET 2020-2027 BY COUNTRY**

- 6.1 Overview of North America Market
- 6.2 U.S.
- 6.3 Canada
- 6.4 Mexico

## **7 COMPETITIVE LANDSCAPE**

- 7.1 Overview of Key Vendors
- 7.2 New Product Launch, Partnership, Investment, and M&A
- 7.3 Company Profiles
  - Canadian Solar Inc.
  - EIKI SHOJI Co. Ltd.
  - First Solar Inc.
  - Interco Trading Inc.
  - PV Cycle a.i.s.b.l.
  - Reclaim PV Recycling Pty Ltd.
  - Reiling GmbH & Co. KG
  - REMA PV System AS
  - Rinvasol GMBH
  - Sharp Corporation
  - Silcontel Ltd.
  - SunPower Corporation
  - Trina Solar Co., Ltd.
  - Yingli Energy Co. Ltd.
- Related Reports and Products

## List Of Tables

### LIST OF TABLES

Table 1. Snapshot of North America Solar Panel Recycling Market in Balanced Perspective, 2020-2027

Table 2. Growth Rate of World GDP, 2020-2022

Table 3. Main Product Trends and Market Opportunities in North America Solar Panel Recycling Market

Table 4. North America Solar Panel Recycling Market by Process, 2017-2027, \$ mn

Table 5. North America Solar Panel Recycling Market by Panel Type, 2017-2027, \$ mn

Table 6. North America Solar Panel Recycling Market by Shelf Life, 2017-2027, \$ mn

Table 7. North America Solar Panel Recycling Market by Country, 2017-2027, \$ mn

Table 8. North America Installed Capacity of Solar PV by Country, 2017-2019, GW

Table 9. U.S. Solar Panel Recycling Market by Process, 2017-2027, \$ mn

Table 10. U.S. Solar Panel Recycling Market by Panel Type, 2017-2027, \$ mn

Table 11. U.S. Solar Panel Recycling Market by Shelf Life, 2017-2027, \$ mn

Table 12. Canada Solar Panel Recycling Market by Process, 2017-2027, \$ mn

Table 13. Canada Solar Panel Recycling Market by Panel Type, 2017-2027, \$ mn

Table 14. Canada Solar Panel Recycling Market by Shelf Life, 2017-2027, \$ mn

Table 15. Mexico Solar Panel Recycling Market by Process, 2017-2027, \$ mn

Table 16. Mexico Solar Panel Recycling Market by Panel Type, 2017-2027, \$ mn

Table 17. Mexico Solar Panel Recycling Market by Shelf Life, 2017-2027, \$ mn

Table 18. Canadian Solar Inc.: Company Snapshot

Table 19. Canadian Solar Inc.: Business Segmentation

Table 20. Canadian Solar Inc.: Product Portfolio

Table 21. Canadian Solar Inc.: Revenue, 2017-2019, \$ mn

## List Of Figures

### LIST OF FIGURES

Figure 1. Research Method Flow Chart

Figure 2. Bottom-up Approach and Top-down Approach for Market Estimation

Figure 3. North America Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2020-2027

Figure 4. North America Solar Panel Recycling Market, 2017-2027, \$ mn

Figure 5. Impact of COVID-19 on Business

Figure 6. Primary Drivers and Impact Factors of North America Solar Panel Recycling Market

Figure 7. World Solar Power Electricity Generation, 2017-2027, TWh

Figure 8. World Installed Capacity of Solar PV, 2017-2027, GW

Figure 9. Primary Restraints and Impact Factors of North America Solar Panel Recycling Market

Figure 10. Investment Opportunity Analysis

Figure 11. Porter's Five Forces Analysis of North America Solar Panel Recycling Market

Figure 12. Breakdown of North America Solar Panel Recycling Market by Process, 2020-2027, % of Revenue

Figure 13. Contribution to North America 2021-2027 Cumulative Revenue by Process, Value (\$ mn) and Share (%)

Figure 14. North America Solar Panel Recycling Market: Mechanical Recycling, 2017-2027, \$ mn

Figure 15. North America Solar Panel Recycling Market: Thermal Recycling, 2017-2027, \$ mn

Figure 16. North America Solar Panel Recycling Market: Laser Recycling, 2017-2027, \$ mn

Figure 17. North America Solar Panel Recycling Market: Chemical Recycling, 2017-2027, \$ mn

Figure 18. North America Solar Panel Recycling Market: Other Processes, 2017-2027, \$ mn

Figure 19. Breakdown of North America Solar Panel Recycling Market by Panel Type, 2020-2027, % of Revenue

Figure 20. Contribution to North America 2021-2027 Cumulative Revenue by Panel Type, Value (\$ mn) and Share (%)

Figure 21. North America Solar Panel Recycling Market: Monocrystalline Solar Panels, 2017-2027, \$ mn



Figure 22. North America Solar Panel Recycling Market: Polycrystalline Solar Panels, 2017-2027, \$ mn

Figure 23. North America Solar Panel Recycling Market: Thin Film Solar Panels, 2017-2027, \$ mn

Figure 24. Breakdown of North America Solar Panel Recycling Market by Shelf Life, 2020-2027, % of Revenue

Figure 25. Contribution to North America 2021-2027 Cumulative Revenue by Shelf Life, Value (\$ mn) and Share (%)

Figure 26. North America Solar Panel Recycling Market: Early Loss, 2017-2027, \$ mn

Figure 27. North America Solar Panel Recycling Market: Normal Loss, 2017-2027, \$ mn

Figure 28. Breakdown of North America Solar Panel Recycling Market by Country, 2020 and 2027, % of Revenue

Figure 29. Contribution to North America 2021-2027 Cumulative Revenue by Country, Value (\$ mn) and Share (%)

Figure 30. U.S. Solar Panel Recycling Market, 2017-2027, \$ mn

Figure 31. Canada Solar Panel Recycling Market, 2017-2027, \$ mn

Figure 32. Solar Panel Recycling Market in Mexico, 2017-2027, \$ mn

Figure 33. Growth Stage of North America Solar Panel Recycling Industry over the Forecast Period

## I would like to order

Product name: North America Solar Panel Recycling Market 2020-2027 by Process (Mechanical, Thermal, Laser, Chemical), Panel Type (Monocrystalline, Polycrystalline, Thin Film), Shelf Life (Early Loss, Normal Loss), and Country: Trend Outlook and Growth Opportunity

Product link: <https://marketpublishers.com/r/N648C59A9E34EN.html>

Price: US\$ 2,380.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/N648C59A9E34EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970