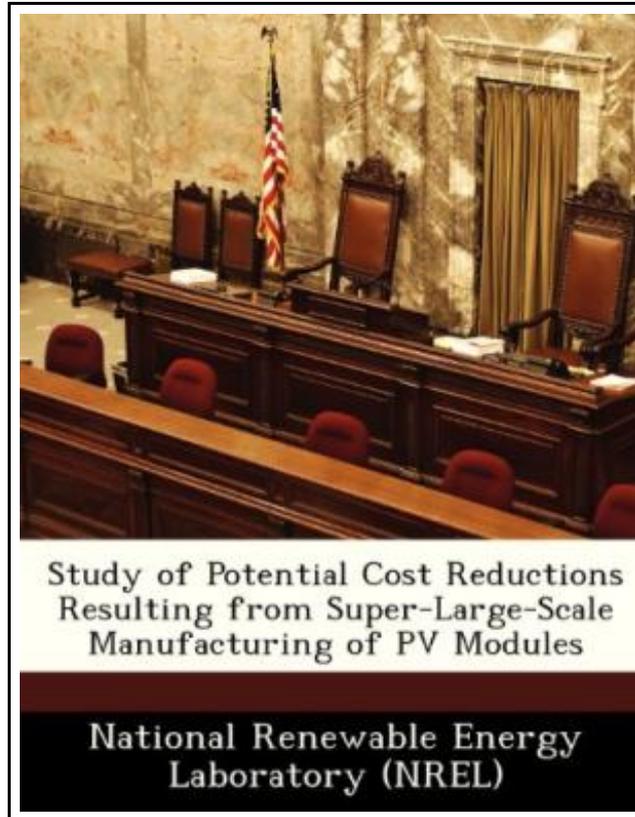


Study of Potential Cost Reductions Resulting from Super-Large-Scale Manufacturing of Pv Modules



Filesize: 9.19 MB

Reviews

I just started off looking at this pdf. Of course, it is perform, continue to an amazing and interesting literature. I realized this pdf from my dad and i recommended this book to understand.

(Mrs. Ettie Berge)

STUDY OF POTENTIAL COST REDUCTIONS RESULTING FROM SUPER-LARGE-SCALE MANUFACTURING OF PV MODULES



Bibliogov, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.Hewlett Packard has created a design for a Solar City factory that will process 30 million sq. meters of glass panels per year and produce 2.1 - 3.6 GW of solar panels per year-100x the volume of a typical, thin-film, solar panel manufacturer in 2004. We have shown that with a reasonable selection of materials, and conservative assumptions, this Solar City can produce solar panels and hit the price target of \$1.00 per peak watt (6.5x - 8.5x lower than prices in 2004) as the total price for a complete and installed rooftop (or ground mounted) solar energy system. This breakthrough in the price of solar energy comes without the need for any significant new invention. It comes entirely from the manufacturing scale of a large plant and the cost savings inherent in operating at such a large manufacturing scale. We expect that further optimizations from these simple designs will lead to further improvements in cost. The manufacturing process and cost depend on the choice for the active layer that converts sunlight into electricity. The efficiency by which sunlight is converted into electricity can range from 7 to 15 . This parameter has a large effect on the overall price per watt. There are other impacts, as well, and we have attempted to capture them without creating undue distractions. Our primary purpose is to demonstrate the impact of large-scale manufacturing. This impact is largely independent of the choice of active layer. It is not our purpose to compare the pros and cons for various types of active layers. Significant improvements in cost per watt can also come from scientific advances in active layers that lead to...



[Read Study of Potential Cost Reductions Resulting from Super-Large-Scale Manufacturing of Pv Modules Online](#)



[Download PDF Study of Potential Cost Reductions Resulting from Super-Large-Scale Manufacturing of Pv Modules](#)

Related Kindle Books



A Year Book for Primary Grades; Based on Froebel s Mother Plays

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can download...

[Save eBook »](#)



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now...

[Save eBook »](#)



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1625)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English Brand New Book ***** Print on Demand *****.EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now you...

[Save eBook »](#)



Variations on an Original Theme Enigma , Op. 36: Study Score

Petrucci Library Press, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.Dedicated to my friends pictured within, Elgar s orchestral showpiece started...

[Save eBook »](#)



Symphony No.2 Little Russian (1880 Version), Op.17: Study Score

Petrucci Library Press, United States, 2015. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.Composed in 1872 and first performed in Moscow at the Russian...

[Save eBook »](#)

**The Well-Trained Mind: A Guide to Classical Education at Home (Hardback)**

WW Norton Co, United States, 2016. Hardback. Book Condition: New. 4th Revised edition. 244 x 165 mm. Language: English . Brand New Book. The Well-Trained Mind will instruct you, step by step, on how to

[Save Document »](#)

**Children s Educational Book Junior Leonardo Da Vinci : An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English]**

Createspace, United States, 2013. Paperback. Book Condition: New. 248 x 170 mm. Language: English . Brand New Book ***** Print on Demand *****.ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to

[Save Document »](#)

**Variations Symphoniques, Fwv 46: Study Score**

Petrucci Library Press, United States, 2015. Paperback. Book Condition: New. 297 x 210 mm. Language: English . Brand New Book ***** Print on Demand *****.Described as one of Franck s tightest and most finished works,

[Save Document »](#)

**The Clever Detective Boxed Set (a Fairy Tale Romance): Stories 1, 2 and 3**

Createspace, United States, 2012. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.After six years as a private investigator, Stacey Alexander has the strangest day

[Save Document »](#)

**Comic Maths: Sue: Fantasy-Based Learning for 4, 5 and 6 Year Olds**

The Captain Papadopoulos Publishing Company, United Kingdom, 2012. Paperback. Book Condition: New. Brian Williamson (illustrator). 276 x 214 mm. Language: English . Brand New Book ***** Print on Demand *****.Comic Maths: Sue (Key Stage 1,

[Save Document »](#)