



Les Reveries -Rousseau, Jean-Jacques

By -

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 146 pages. Original publisher: Golden, CO : National Renewable Energy Laboratory, 2009. OCLC Number: (OCoLC)429116248 Subject: Biomass gasification -- Research. Excerpt: . . . Table 1. Chemical Engineering Magazines Plant Cost Indices Year Index Year Index 1990 357. 6 1999 390. 6 1991 361. 3 2000 394. 1 1992 358. 2 2001 394. 3 1993 359. 2 2002 395. 6 1994 368. 1 2003 402. 0 1995 381. 1 2004 444. 2 1996 381. 7 2005 468. 2 1997 386. 5 2006 507. 2 1998 389. 5 2007 525. 4 Figure 4. Chemical Engineering Magazines Plant Cost Indices Once the scaled, installed equipment costs were determined, overhead and contingency factors were applied to determine a total plant investment cost. That cost, along with the plant operating expenses (generally developed from the Aspen Plus models mass and energy balance results), was used in a discounted cash flow analysis to determine the cost of ethanol production (referred to as the Minimum Ethanol Selling Price, or MESP) using a specific discount rate. For the analysis done here, the MESP is the primary value used to compare alternate...

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