Accepted Manuscript

Replacement of electric resistive space heating by an air-source heat pump in a residential application. Environmental amortization

Juan-Ignacio Latorre-Biel, Esther Jimémez, Jorge L. García, Eduardo Martínez, Emilio Jiménez, Julio Blanco

PII: S0360-1323(18)30332-9

DOI: 10.1016/j.buildenv.2018.05.060

Reference: BAE 5498

To appear in: Building and Environment

Received Date: 5 March 2018

Revised Date: 28 May 2018

Accepted Date: 30 May 2018

Please cite this article as: Latorre-Biel J-I, Jimémez E, García JL, Martínez E, Jiménez E, Blanco J, Replacement of electric resistive space heating by an air-source heat pump in a residential application. Environmental amortization, *Building and Environment* (2018), doi: 10.1016/j.buildenv.2018.05.060.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



	ACCEPTED MANUSCRIPT
1	REPLACEMENT OF ELECTRIC RESISTIVE SPACE HEATING BY AN AIR-
2	SOURCE HEAT PUMP IN A RESIDENTIAL APPLICATION.
3	ENVIRONMENTAL AMORTIZATION
4	Juan-Ignacio Latorre-Biel ¹ , Esther Jimémez ² , Jorge L. García ³ , Eduardo Martínez ⁴ ,
5	Emilio Jiméne z^5 , Julio Blanco ⁶
6	¹ Institute of Smart Cities and Department of Engineering. Public University of Navarre,
7	Campus of Arrosadía, 31006 Pamplona, Spain. Email: juanignacio.latorre@unavarra.es
8	² _Department of Mechanical Engineering, University of La Rioja, Edificio
9	Departamental - C/San José de Calasanz 31- 26004 Logroño, La Rioja, Spain. Email:
10	esther.jimenez@alum.unirioja.es
	³ Department of Industrial Engineering and Manufacturing. Institute of Engineering and
	Technology, Autonomous University of Ciudad Juárez. Av. Del Charro 450 Norte.
	Ciudad Juárez, Chihuahua, México. jorge.garcia@uacj.mx
11	⁴ Department of Mechanical Engineering, University of La Rioja, Edificio
12	Departamental - C/San José de Calasanz 31- 26004 Logroño, La Rioja, Spain. Email:
13	e.camara@eolicas.net
14	⁵ Department of Electrical Engineering, University of La Rioja, Edificio Departamental
15	- C/ San José de Calasanz 31- 26004 Logroño, La Rioja, Spain. Email:
16	emilio.jimenez@unirioja.es
17	⁶ Department of Mechanical Engineering, University of La Rioja, Edificio
18	Departamental - C/San José de Calasanz 31- 26004 Logroño, La Rioja, Spain. Email:
19	julio.blanco@unirioja.es
20	

Download English Version:

https://daneshyari.com/en/article/6696975

Download Persian Version:

https://daneshyari.com/article/6696975

Daneshyari.com