

BIBLIOGRAFÍA

Capítulo 1: La Energía Nuclear

1. U.S. Department of Energy, Office of Nuclear Energy, Science and Technology. “*The History of Nuclear Energy*”.
2. http://www.madrimasd.org/cienciaysociedad/ateneo/dossier/nuclear/ecoweb/nuclear_tipo_central1.htm Septiembre 15 2010.
3. <http://www.gen-4.org/Technology/systems/vhtr.htm> Septiembre 23 2010.
4. Ian Hore-Lacy, “*Nuclear Energy in the 21st Century*”, World Nuclear University Press, 2003
5. <http://www.icjt.org/npp/podrobnosti.php?drzava=8&lokacija=740> Septiembre 26 2010.
6. <https://www.llnl.gov/str/JulAug04/Smith.html> Septiembre 30 2010.
7. Ian Hore-Lacy, “*Nuclear Energy in the 21st Century*”, World Nuclear University Press, 2003
8. *Ibidem*.

Capítulo 2: El Hidrógeno como vector energético

1. Dra. Cecilia Martín del Campo M., “*Apuntes de Energía y Ambiente, el hidrógeno como vector energético*”
2. <http://www.biodisol.com/hidrogeno-que-es-el-hidrogeno-energias-limpias-el-combustible-del-futuro-energia-infinita/> Noviembre 23 2010.
3. Michael Frank Hordeski, “*Alternative Fuels: The Future of Hydrogen*”, Segunda Edición, CRC, 2008.
4. Dra. Cecilia Martín del Campo M., “*Apuntes de Energía y Ambiente, el hidrógeno como vector energético*”
5. <http://www.cienciateca.com/fuelcells.html> Noviembre 25 2010.
6. Aline Léon, “*Hydrogen Technology: Mobile and Portable Applications*”, Springer, 2008.
7. http://www.fcway.com/fuel_cell_types_pafc_es.htm Noviembre 27 2010.
8. <http://www.directindustry.es/prod/horizon-fuel-cell-technologies/pila-de-combustible-de-hidrogeno-62133-430264.html> Noviembre 27 2010.
9. <http://www.directindustry.com/prod/astris-energi/alkaline-fuel-cell-afc-22766-53437.html> Noviembre 29 2010.
10. http://www.fuelcell.no/applications_stationary_eng.htm Noviembre 29 2010.
11. <http://idlealt.net/2008/07/fuel-cell-auxiliary-power-unit-from-delphipeterbilt-a-success/> Diciembre 2 2010.
12. P.J. Crutzen, A.R. Mosier, K.A. Smith, and W. Winiwarter, “*N₂O release from agro-biofuel production negates global warming reduction by replacing fossil fuels*”, Atmos. Chem. Phys. 8, 389–395, 2008.
13. DOE Office of Energy Efficiency and Renewable Energy, Hydrogen, Fuel Cells & Infrastructure Technologies Program Multi-year Research, Development and Demonstration Plan (www.eere.energy.gov/hydrogenandfuelcells/mypp).
14. <http://www.jambitz.com/combustibles-en-el-mundo-3%C2%AA-parte/> Diciembre 5 2010.

15. <http://www.designworldonline.com/articles/6276/6/BMW-Drives-Hydrogen-powered-Vehicle-Design.aspx> Diciembre 6 2010.
16. Sitra Pregassame, Frédéric Barth, Laurent Allidieres, and Katia Barral, “*Hydrogen Refuelling Station: Filling Control Development*”, WHEC 16, Lyon, 2006.
17. <http://jalopnik.com/187986/get-on-the-hydro-bus-ford-introduces-hydrogen+fueled-v10> Diciembre 10 2010.
18. Stockhausen, W. F., Robert, J. N., Daniel, M. K., Lowell, R., Xiaoguo, T., Siamaak, H., Steven, J. S., and Vance, “*Hydrogen Engine Design and Vehicle Development Program*”. P. Z. 2002 Ford P2000.
19. <http://jalopnik.com/187986/get-on-the-hydro-bus-ford-introduces-hydrogen+fueled-v10> Diciembre 10 2010.
20. <http://www.fayerwayer.com/2010/06/horizon-minipak-cargador-de-gadgets-portatil-que-emplea-celdas-de-combustible-de-hidrogeno/> Diciembre 13 2010.
21. <http://www.inl.gov/featurestories/2004-04-14.shtml> Diciembre 14 2010.
22. J. Stephen Herring, James E. O’Brien, Carl M. Stoots, Paul A. Lessing, and Raymond P. Anderson, INEEL, Joseph J. Hartvigsen and S. Elangovan, Ceramatec, Inc. “*Hydrogen Production through High-Temperature Electrolysis*”
23. Paul Ekins, “*Hydrogen Energy: Economic and Social Challenges*”, Washington DC, Earthscan, 2010.

Capítulo 3: Descripción del uso del programa HEEP

1. HEEP “Execute Engine Manual”
2. Blank, Tarquin. “*Ingeniería Económica*”, 5a Ed. Mc-Graw Hill., E.E.U.U., 2002.
3. HEEP “Execute Engine Manual”
4. I. Khamis, U.D. Malshe , “*HEEP: A new tool for the economic evaluation of hydrogen economy*”, International journal of Hydrogen Energy, India, Junio 2010.
5. Copar de generación 2009. SENER, México.
6. A. Marangona, M. Carcassia.” *Safety distances: Definition and values*” .International Journal of Hydrogen Energy 32. Italia, Junio 2007.

Capítulo 4: Generación de hidrógeno mediante una planta de electrólisis de alta temperatura acoplada a una planta nuclear.

1. J. Stephen Herring, James E. O’Brien, Carl M. Stoots, Paul A. Lessing, and Raymond P. Anderson, INEEL, Joseph J. Hartvigsen and S. Elangovan, Ceramatec, Inc. “*Hydrogen Production through High-Temperature Electrolysis*”
2. I. Khamis, U.D. Malshe, “*HEEP: A new tool for the economic evaluation of hydrogen economy*”, ELSEVIER, 2010.
3. William C. Lattin, Vivek P. Utgikar, “*Global Warming Potential of the sulfur-iodine using life cycle assessment methodology*” ELSEVIER, Diciembre 2008.
4. R. Rivera-Tinoco, C. Mansilla, C. Bouallou. “*Competitiveness of hydrogen production by High Temperature Electrolysis: Impact of the heat source and identification of key parameters to achieve low production costs*”, ELSEVIER, 2010.
5. HEEP, Document on preprocessor.
6. J.E. O’Brien, M.G. McKellar, E.A. Harvego, C.M. Stoots, “*High-temperature electrolysis for large-scale hydrogen and syngas production from nuclear energy- summary of system simulation and economic analyses*”, ELSEVIER, 2009.

7. J. Stephen Herring, James E. O'Brien, Carl M. Stoots, Paul A. Lessing, and Raymond P. Anderson, INEEL, Joseph J. Hartvigsen and S. Elangovan, Ceramatec, Inc. *"Hydrogen Production through High-Temperature Electrolysis"*