

Content Management System using Wordpress

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CMS

- Content Management System or (CMS) is a tool used to organize contents of a website.
- A System that lets apply management principles to Content.
- Content management system allows the editor of the website to interact with the website in many different ways.

CMS

- Open source content management system
- Drupal, Wordpress, Joomla, PHP fusion, Mambo, DotCMS etc.
- A CMS which offers graphical user interface, which permits the editor to generate content, add pictures and multimedia files, make schedules for content and much more..

CMS

Types of Contents

Graphics- It includes banner, advertisements, product shots, company logos, tables and other images.

Text- Textual information of search results, product information, services, reviews, general announcements and press release.

Multimedia- Contents created with graphics, sound, text, photographs, moving pictures etc.

CMS

- **Files from the website-** Files from the website may be downloaded as MS-word documents, PDF files, zip archives, graphics etc.
- **Database-** Information from the database is used to create dynamic search results, personalized information, product reviews, help desk data, other supporting data. Updating the database needs to be part of the content management process.

CMS

Functionality wise most content management system can be divided into three sections:

- An administrative section
- Database Management System (DBMS)
- CMS Built-in programs

CMS

Deciding for a content management system

- The organization's size and second, geographic dispersion if your institution / organization have branches over several countries / parts.
- CMS that powers roughly 15% of all the major websites today , and whose latest version (3.0) has been downloaded over 33.4 million times (as of April 2011) ?
- It is about the Wordpress.

Wordpress

- Wordpress is mainly known as a blogging platform.
- It's often customized into a content management system. (a blogging software turned-CMS).
- It has main features including a plug-in architecture and a template system.
- It was first released on May 27, 2003 by Matt Mullenberg.
- WP is powered by **PHP** and **MySQL** which can also be used for basic content management.

Wordpress

Benefits of running Wordpress

- Search engine optimization (SEO)
- Easy to create
- Minimal server requirements
- Easy to install
- Documentation
- Frequent version releases
- Portability
- Web Standards

Wordpress

- Where are Wordpress sites hosted?
 - On Wordpress.com (free)
 - On your personal webserver
 - On a paid webserver service

Portal

- The importance of e-resources portal in providing information service is, very significant in today's context for any organization.
- E-resources portal integrates captures and manages various e-resources published through various publishers at various places at a single web portal.

Portal

- Web portal is a single shop/gateway for subscribing all kinds of e-resources published worldwide.

Vortal

- A web site that provides a gateway or portal to information related to a particular industry

Website Vs Web Portal

- A website refers to a location on the internet and a collection of web pages, images, videos which are addressed relative to a common Uniform Resource Location (URL). It's nothing but a domain name hosted on a server which is accessible via a network
- Web portal refers to a website or service that offers broad array of resources and services in organized gateway that helps to configure the access to information found on the internet.

Wordpress



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Energy Resources Portal

The screenshot shows a Mozilla Firefox browser window displaying the 'About' page of the Energy Resources Portal. The browser's address bar shows the URL 'http://energyportal.wordpress.com/about/'. The website's header features the title 'Energy Resources Portal' and the tagline 'Right Information for the right people at the right time at the lowest cost'. A navigation menu includes 'HOME', 'ABOUT', 'AWARDS & RECOGNITION...', and 'ENERGY RESOURCES'. The main content area is titled 'About' and describes the portal as 'A Professional Librarian's Initiative' and 'The gateway to energy resources'. It lists various resources available, such as links, services, e-journals, e-books, and databases. A search box is located on the right side of the page, along with a 'Blogroll' section containing links to 'Documentation', 'Plugins', 'Suggest Ideas', 'Support Forum', 'Themes', 'WordPress Blog', and 'WordPress Planet'. The 'Meta' section includes 'Register' and 'Log in' links. The 'Subscribe' section offers 'Entries (RSS)' and 'Comments (RSS)' links. The Windows taskbar at the bottom shows the 'start' button, several open applications (My Documents, CMS - WP PPT1, Wordpress-1, and the current browser window), and the system clock showing 2:21 PM.

Energy Resources Portal
Right Information for the right people at the right time at the lowest cost

HOME ABOUT AWARDS & RECOGNITION... ENERGY RESOURCES

Categories
No categories
Archives

About

A Professional Librarian's Initiative
The gateway to energy resources
Makes it happen

A one-stop user-oriented Portal / Gateway for Energy Resources for the researchers, students, academicians etc includes collection of links, services, e-journals (Open access and subscription based), e-books, softwares, applications, database, mailing lists/discussion groups, articles/papers/reports/standards, organisational home pages, thesis / dissertations, educational materials, news, resource guides, bibliographies, institutional repositories, information about seminars/conferences etc..etc..

- A ready reference web tool for energy resources.
- Facility that allows easier access to web-based resources in a definite subject area.
- Internet search tools to help people find energy resources on the Internet.

Objectives of the portal:

- Internet as a whole is not well organised.
- Users do not find what they are searching for and still waste hours looking, are frequently arguments against the Internet.
- Search engines have no inbuilt mechanism for matching retrieval to the age, level or experience of the user or to the purpose of the study.
- Organise digital information, thus reduce the barrier of users having to remember multiple log-on.

Search

Blogroll

- [Documentation](#)
- [Plugins](#)
- [Suggest Ideas](#)
- [Support Forum](#)
- [Themes](#)
- [WordPress Blog](#)
- [WordPress Planet](#)

Meta

- [Register](#)
- [Log in](#)

Subscribe

- [Entries \(RSS\)](#)
- [Comments \(RSS\)](#)

start My Documents CMS - WP PPT1 Wordpress-1 About < Energy Reso... 2:21 PM

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Energy Resources Portal

The screenshot shows a Mozilla Firefox browser window displaying the Energy Resources Portal. The browser's address bar shows the URL <http://energyportal.wordpress.com/>. The page features a blue header with the title "Energy Resources Portal" and the tagline "Right Information for the right people at the right time at the lowest cost". Below the header is a navigation menu with links for HOME, ABOUT, AWARDS & RECOGNITION..., and ENERGY RESOURCES. The main content area is titled "Energy Resources" and contains a list of 12 open access journals. On the left side, there are sections for "Categories" (with "No categories" listed) and "Archives". On the right side, there is a search box, a "Blogroll" section with links to Documentation, Plugins, Suggest Ideas, Support Forum, Themes, WordPress Blog, and WordPress Planet, a "Meta" section with links for Register and Log in, and a "Subscribe" section with links for Entries (RSS) and Comments (RSS).

Energy Resources Portal - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://energyportal.wordpress.com/

Energy Resources Portal

Energy Resources Portal

Right Information for the right people at the right time at the lowest cost

HOME ABOUT AWARDS & RECOGNITION... ENERGY RESOURCES

Energy Resources

-- Please click the corresponding Name (link) to reach the web page --

Open Access Journals

1. [Advances in High Energy Physics](#)
2. [CT&F – Ciencia, Tecnología y Futuro](#)
3. [eEarth](#)
4. [eEarth Discussions](#)
5. [Energies](#)
6. [Geothermia](#)
7. [International Journal of Agricultural and Biological Engineering](#)
8. [International Journal of Environmental Science and Technology](#)
9. [International Journal of Photoenergy](#)
10. [Journal of Electrical Systems](#)
11. [Journal of Vectorial Relativity](#)
12. [Latvian Journal of Physics and Technical Sciences](#)

Categories

No categories

Archives

Search

Blogroll

- [Documentation](#)
- [Plugins](#)
- [Suggest Ideas](#)
- [Support Forum](#)
- [Themes](#)
- [WordPress Blog](#)
- [WordPress Planet](#)

Meta

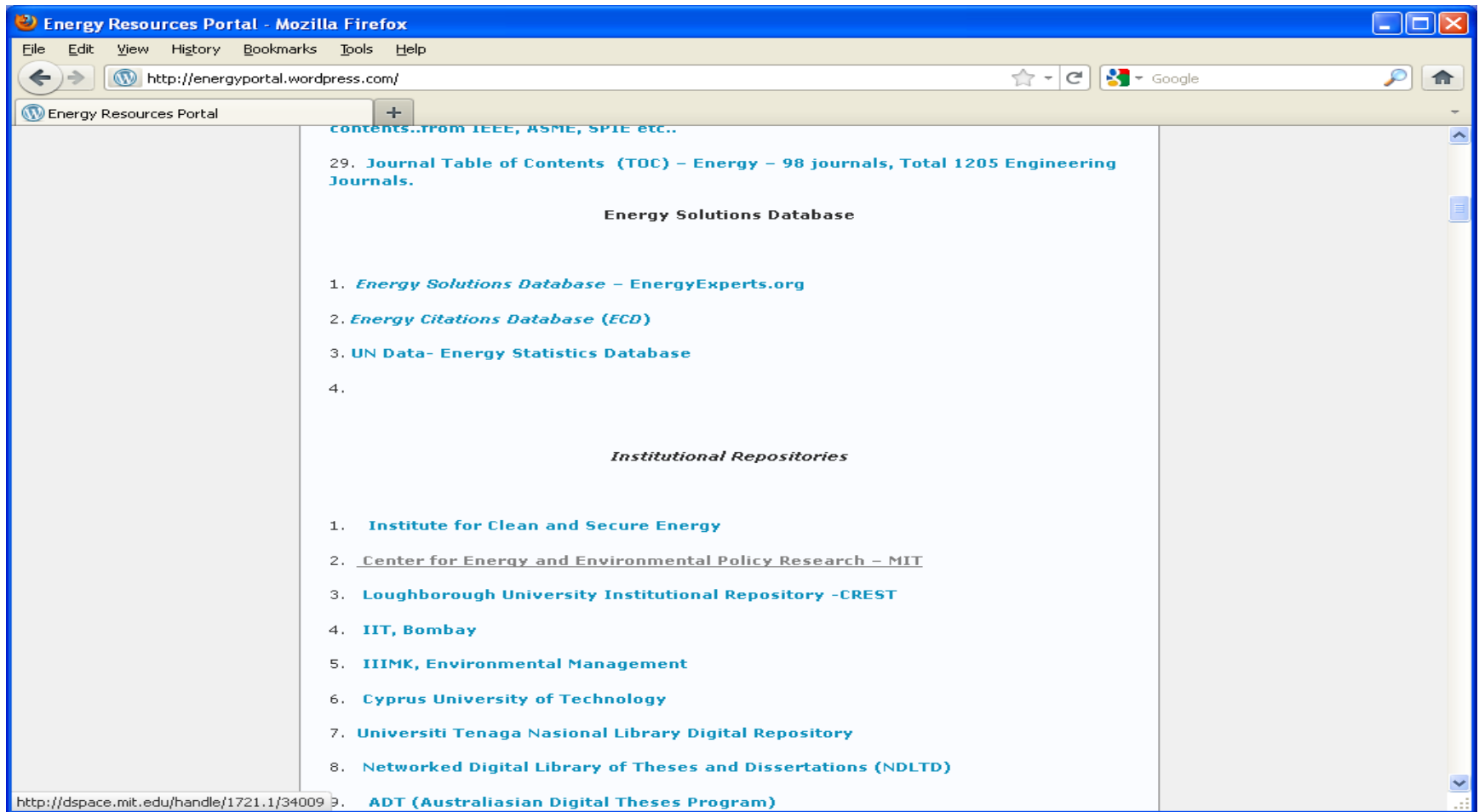
- [Register](#)
- [Log in](#)

Subscribe

- [Entries \(RSS\)](#)
- [Comments \(RSS\)](#)

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Energy Resources Portal



The screenshot shows a Mozilla Firefox browser window displaying the Energy Resources Portal. The address bar shows the URL <http://energyportal.wordpress.com/>. The page content includes a navigation menu on the left, a main content area with a list of resources, and a footer with a URL <http://dspace.mit.edu/handle/1721.1/34009>.

Energy Resources Portal

Contents..from IEEE, ASME, SPIE etc..

29. **Journal Table of Contents (TOC) – Energy – 98 journals, Total 1205 Engineering Journals.**

Energy Solutions Database

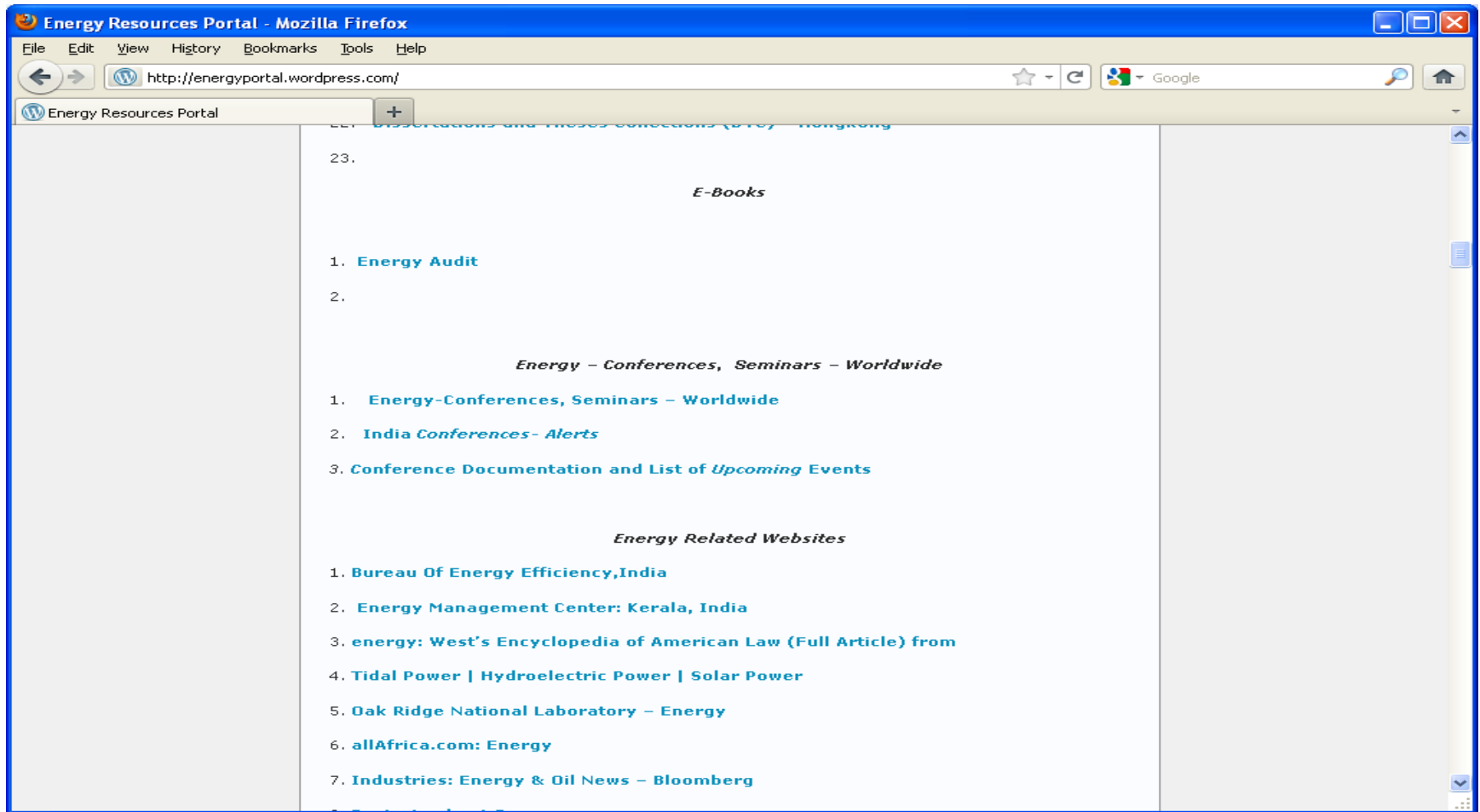
1. [Energy Solutions Database – EnergyExperts.org](#)
2. [Energy Citations Database \(ECD\)](#)
3. [UN Data- Energy Statistics Database](#)
- 4.

Institutional Repositories

1. [Institute for Clean and Secure Energy](#)
2. [Center for Energy and Environmental Policy Research – MIT](#)
3. [Loughborough University Institutional Repository -CREST](#)
4. [IIT, Bombay](#)
5. [IIIMK, Environmental Management](#)
6. [Cyprus University of Technology](#)
7. [Universiti Tenaga Nasional Library Digital Repository](#)
8. [Networked Digital Library of Theses and Dissertations \(NDLTD\)](#)

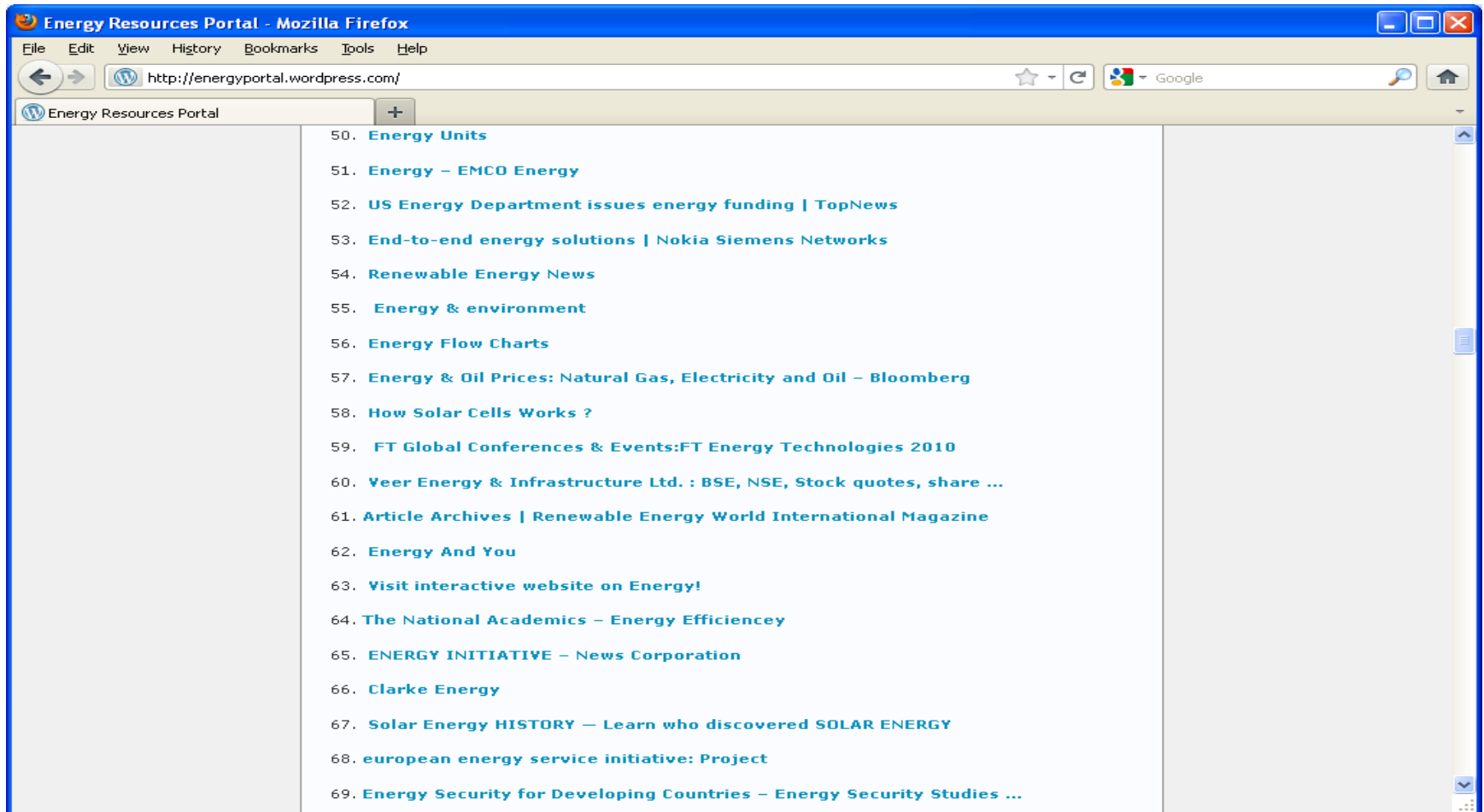
<http://dspace.mit.edu/handle/1721.1/34009> . [ADT \(Australasian Digital Theses Program\)](#)

Energy Resources Portal



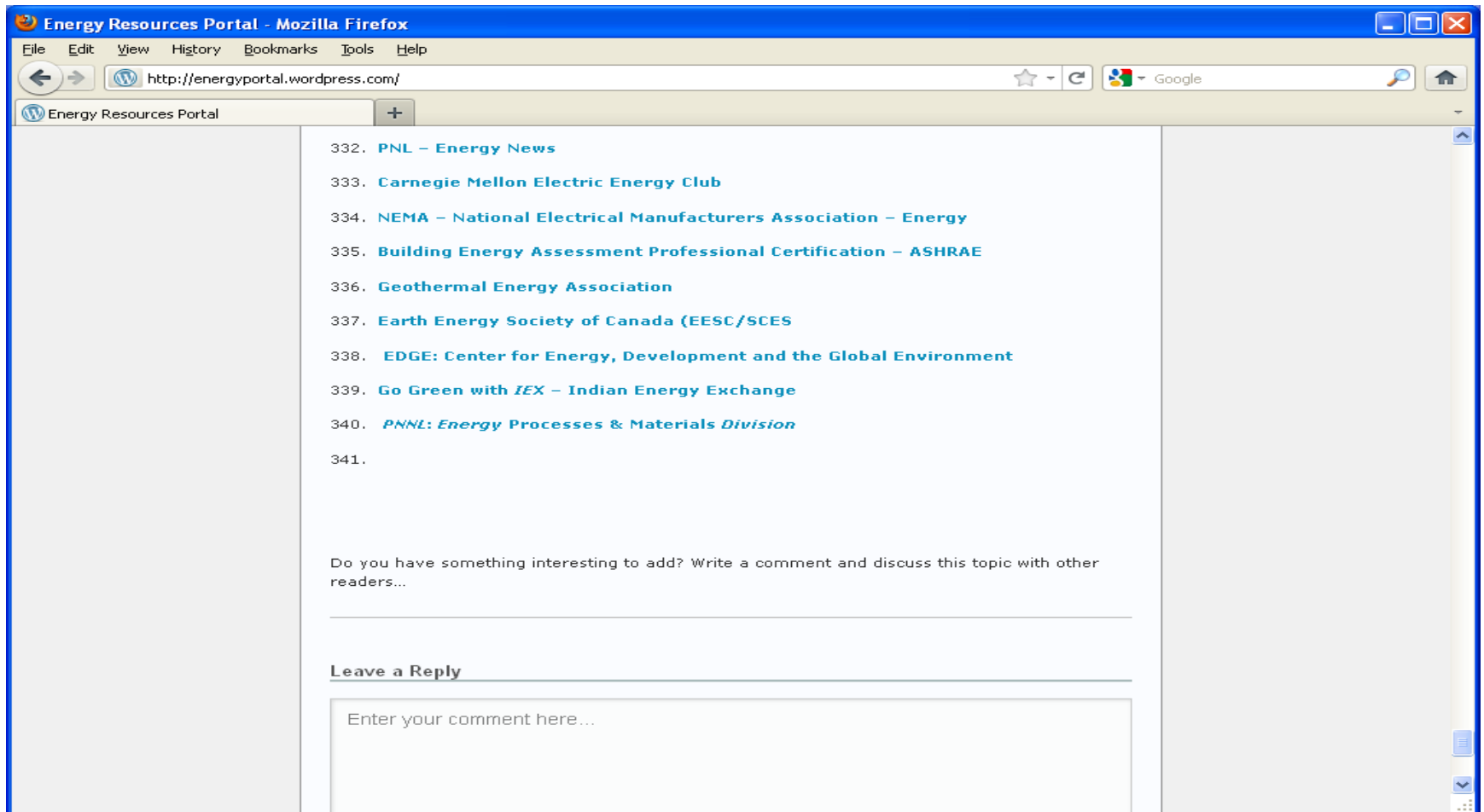
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Energy Resources Portal



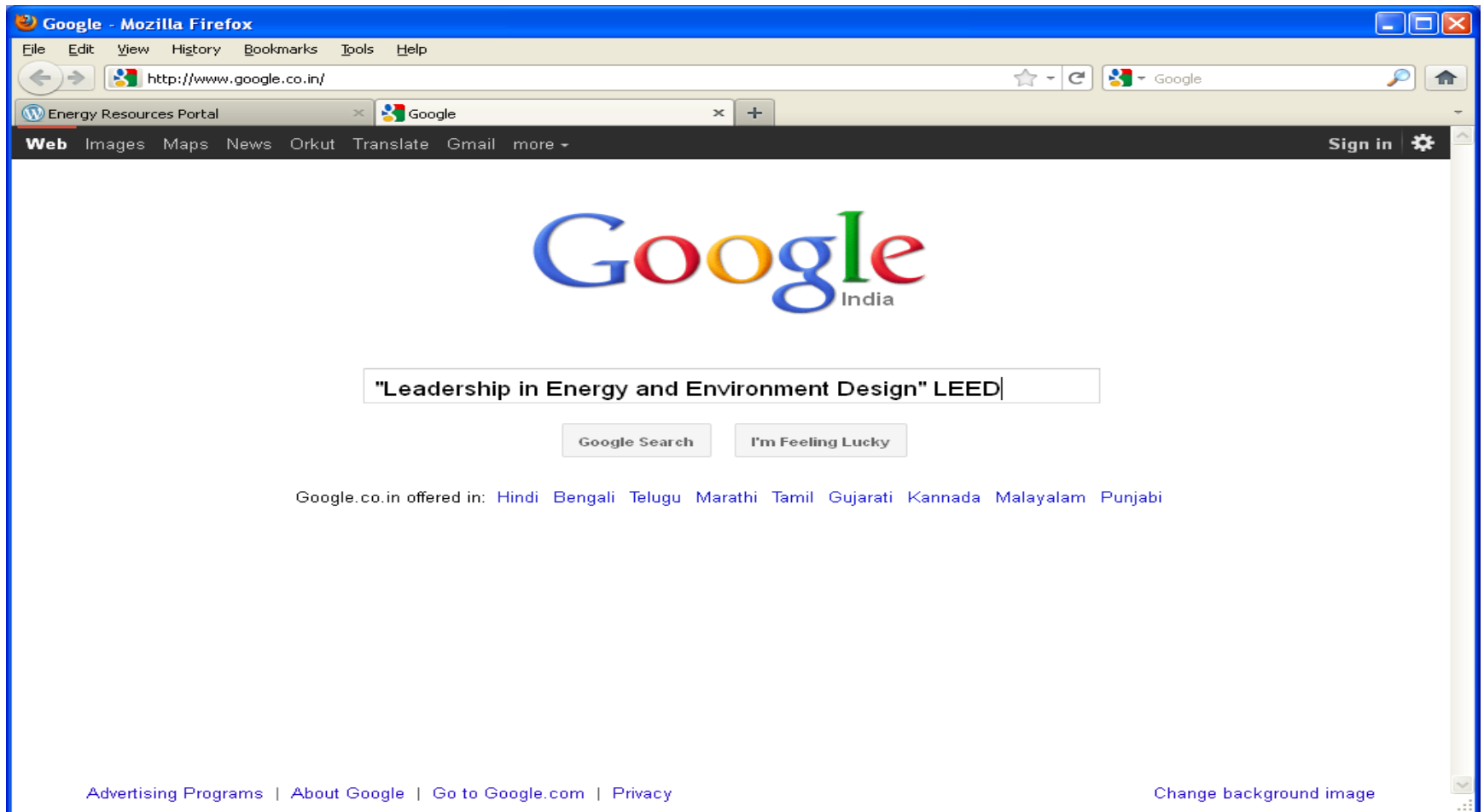
Energy Resources Portal

Adding a new link

Example

An article in the 'Siemens'-Pictures of the future – The magazine for Research and Innovation – Spring 2010- related to Energy Management – Leadership in Energy and Environment Design LEED – p 51.

Energy Resources Portal



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Energy Resources Portal

The screenshot shows a Mozilla Firefox browser window with the title "Leadership in Energy and Environment Design" LEED - Google Search. The address bar contains the search URL. The search results page displays the Google logo, the search query, and the number of results (119,000). The left sidebar includes navigation options like "Everything", "Images", "Videos", "News", and "More". The main content area shows a "Did you mean" suggestion and several search results from USGBC, Wikipedia, Ask.com, and a Tumblr blog.

Web Images Maps News Orkut Translate Gmail more Sign in

Google

"Leadership in Energy and Environment Design" LEED

About 119,000 results (0.22 seconds) Go to Google.com Advanced search

Everything Images Videos News More

Chennai, Tamil Nadu Change location

The web Pages from India

All results Timeline More search tools

Did you mean: "[Leadership in Energy and Environmental Design](#)" LEED

[USGBC: LEED](#) [www.usgbc.org/LEED/](#) - Cached
Learn how to prepare for the LEED AP and Green Associate exams: USGBC courses, reference and study guides and other resources can give you the knowledge you ...
[Rating Systems - Programs & Guides - Prepare for the LEED AP and LEED ...](#) - Intro

[USGBC: LEED for Existing Buildings](#) [www.usgbc.org/leed/eb/](#) - Cached
Get the latest must-have LEED news, including addenda, LEED Online ...
[Show more results from usgbc.org](#)

[Leadership in Energy and Environmental Design - Wikipedia, the ...](#) [en.wikipedia.org/.../Leadership_in_Energy_and_Environmental_De...](#) - Cached
Jump to [LEED 2009](#): In LEED 2009 there are 100 possible base points plus an additional 6 points for Innovation in Design and 4 points for Regional ...

[Leadership in Energy and Environment Design - Ask.com Search](#) [dictionary.reference.com/.../Leadership-in+Energy+and+Environm...](#) - Cached
... Ask web results for **Leadership in Energy and Environment Design** because ...
Leadership in Energy & Environmental Design (LEED) is an internationally ...

[Leadership in Energy and Environment Design \(LEED\)](#) [nfcamenitymgmt.tumblr.com/.../leadership-in-energy-and-environm...](#) - Cached
21 Jan 2011 – **Leadership in Energy and Environment Design (LEED)** by NFC Amenity Management As more companies make a concerted effort to revolutionize ...

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Energy Resources Portal

The screenshot shows a Mozilla Firefox browser window with the title "Leadership in Energy and Environment Design" LEED - Google Search - Mozilla Firefox. The address bar contains the search URL. The search results page displays the Google logo, the search query, and the number of results. A context menu is open over the first search result, which is a link to "USGBC: LEED". The context menu options include "Open Link in New Tab", "Open Link in New Window", "Bookmark This Link", "Save Link As...", "Send Link...", and "Copy Link Location". The search results also include a "Did you mean" suggestion, a "Chennai, Tamil Nadu" location indicator, and several other search results from Wikipedia, Ask.com, and Tumblr.

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Energy Resources Portal

USGBC: U.S. Green Building Council - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://www.usgbc.org/

Energy Resources Portal "Leadership in Energy and Environment... USGBC: U.S. Green Building Council USGBC: LEED

Sign In | Your Account | Blog | USGBC Store | Directories **Join**

U.S. GREEN BUILDING COUNCIL

LEED Education Resources News & Events Committees Chapters Membership Search

Welcome to USGBC

The **U.S. Green Building Council** is a 501(c)(3) non-profit community of leaders working to make green buildings available to everyone within a generation. This is the place to:

- » [Certify your green building](#)
- » [Join USGBC as an organization](#)
- » [Join a chapter as an individual](#)
- » [Sign up for courses and workshops](#)
- » [Purchase LEED Reference Guides](#)
- » [Learn about Greenbuild](#)
- » [Sign up for e-newsletters](#)
- » [Become a LEED AP or Green Associate](#)
- » [Explore green building research](#)

FOLLOW @USGBC **LIKE USGBC**

PROJECT HAITI

Highlights

USGBC President, CEO and Founding Chair Rick Fedrizzi Commends President Obama for Launching the Better Buildings Challenge

I want to commend and congratulate President Obama for launching the Better Buildings Challenge, a White House driven program that will ramp up significant commitments to green building. Once again, the President is taking action and inspiring action in the building industry so we can seize the tremendous opportunity in green buildings.

[Read the press release »](#)
[Read the full statement on the USGBC Blog »](#)

USGBC Announce the Call for Nominations for the 2011 USGBC Leadership Awards - Nominations Period Closes July 25th

start My Documents CMS - WP PPT1 Wordpress-1 USGBC: U.S. Green B... 2:42 PM

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Energy Resources Portal

Pages < Energy Resources Portal — WordPress - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://energyportal.wordpress.com/wp-admin/edit.php?post_type=page

Pages < Energy Resources Portal — Wo... x "Leadership in Energy and Environmen... x USGBC: U.S. Green Building Council x USGBC: LEED

My Account My Blog Blog Info Subscribe Add New Search WordPress.com This Site All Sites

Dashboard Upgrades Posts Media Links Pages All Pages Add New Comments 1 Feedbacks Polls Ratings Appearance Users All Users Invites My Profile Personal Settings Tools Available Tools Import Delete Site

Energy Resources Portal Howdy, energyportal

Pages Add New Screen Options Help

All (3) | Published (3) Search Pages

Bulk Actions Apply Show all dates Filter 3 items

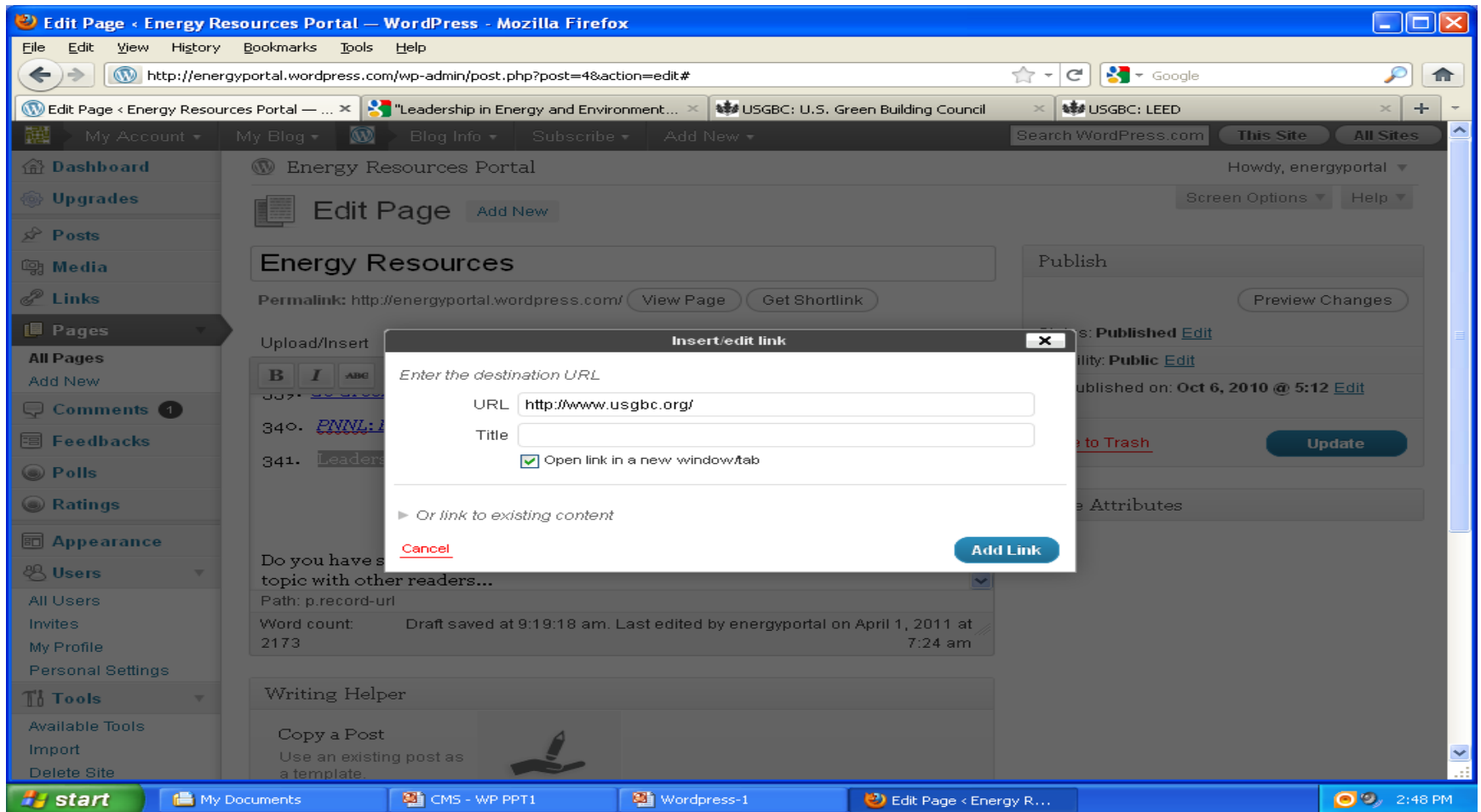
<input type="checkbox"/>	Title	Author	Stats	Comments	Date
<input type="checkbox"/>	About	energyportal	1	0	2010/10/06 Published
<input type="checkbox"/>	Awards & Recognition...	energyportal	1	0	2011/05/18 Published
<input type="checkbox"/>	Energy Resources	energyportal	1	0	2010/10/06 Published

Bulk Actions Apply 3 items

start My Documents CMS - WP PPT1 Wordpress-1 Pages < Energy Reso... 2:45 PM

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Energy Resources Portal



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Energy Resources Portal

The screenshot shows the WordPress admin dashboard for the 'Energy Resources Portal'. The browser window title is 'Edit Page < Energy Resources Portal — WordPress - Mozilla Firefox'. The address bar shows the URL: <http://energyportal.wordpress.com/wp-admin/post.php?post=4&action=edit#>. The dashboard includes a sidebar with navigation menus: Dashboard, Upgrades, Posts, Media, Links, Pages (selected), Comments (1), Feedbacks, Polls, Ratings, Appearance, Users, and Tools. The main content area is titled 'Edit Page' and shows the page title 'Energy Resources'. The permalink is <http://energyportal.wordpress.com/>. The page content includes a list of links: 340. [PNNL: Energy Processes & Materials Division](#) and 341. [Leadership in Energy and Environment Design - LEED](#). The right sidebar contains the 'Publish' section with status 'Published', visibility 'Public', and a publish date of 'Oct 6, 2010 @ 5:12'. The bottom of the screenshot shows the Windows taskbar with the start button, taskbar icons for 'My Documents', 'CMS - WP PPT1', 'Wordpress-1', and 'Edit Page < Energy R...', and a system clock showing '2:51 PM'.

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Energy Resources Portal

The screenshot shows a Mozilla Firefox browser window displaying the Energy Resources Portal. The address bar shows the URL <http://energyportal.wordpress.com/>. The browser has several tabs open, including "Energy Resources Por...", "USGBC: LEED", "Leadership in Energy ...", "USGBC: U.S. Green Bu...", and another "USGBC: LEED" tab. The website content is a list of energy-related organizations and resources, numbered 331 to 341. The list includes:

- 331. [Pacific Northwest National Laboratory – Energy Dept.](#)
- 332. [PNL – Energy News](#)
- 333. [Carnegie Mellon Electric Energy Club](#)
- 334. [NEMA – National Electrical Manufacturers Association – Energy](#)
- 335. [Building Energy Assessment Professional Certification – ASHRAE](#)
- 336. [Geothermal Energy Association](#)
- 337. [Earth Energy Society of Canada \(EESC/SCES\)](#)
- 338. [EDGE: Center for Energy, Development and the Global Environment](#)
- 339. [Go Green with IEX – Indian Energy Exchange](#)
- 340. [PNNL: Energy Processes & Materials Division](#)
- 341. [Leadership in Energy and Environmental Design – LEED](#)

Below the list, there is a prompt: "Do you have something interesting to add? Write a comment and discuss this topic with other readers...". A "Leave a Reply" section is visible with a text input field containing the placeholder text "Enter your comment here...". The Windows taskbar at the bottom shows the Start button, several open applications (My Documents, CMS - WP PPT1, Wordpress-1, Energy Resources Po...), and the system clock showing 2:56 PM.

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Role of Librarians...

Traditionally librarians used to

- select,
- search,
- collect,
- organize,
- maintain and preserve the resources

Digital Era - Role of Librarians...

- **Negotiator** – a person who should be able to identify the needs of users
- **Navigator** - Searching the ocean of information regardless the format
- **Facilitator** – Information and Infra-structure
- **Educator** - being familiar with information in different formats and should be able to train the users whenever required
- **Entrepreneur** - Marketing Library Services
- **Information filter** – Able to provide right information, in right time to the right person from right resource.

CMS-Wordpress-Portal-Energy Resources

Thank You