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An user can manage the energy consumption if ist own PC. In order to save energy, he can turn-off the computer or replace parts by more energy-efficent ones. However, the user has totaly no control over the energy consumption of the www. He/She does not even realize that energy is needed for hosting a web-page. To make the user aware of this fact, we developed the Green Power Indicator, which visualizes that energy is needed for the currently displayed website.





The Green Power Indicator is basically an icon-button located close to the address-bar of the firefox browser (or somewhere else, however the user wants to have it). It dsiplays the energy quality of the servers energy provider. The energy quality is divided into three classes where A is the best and C the worst. C still represents some kind of eco-power. The information are stored on a centralized database.

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Functionality	
website's server IP domain query addre	ss database infor- query mation user Information: Information: Internet provider Electricity provider Quality class
	Links to more information

PostgreSQL-Database Application Server: Zope-based, uses Plone as CMS Object orientated language Python for Plone programming

The response from that DB-server contains multiple information such as the quality class, the provider, and their energy supplier.

















