The beginnings of floating solar photovoltaic power generation on water surfaces in Spain [

Ediciones Complutense,
2023-07-27

info:eu-repo/semantics/article info:eu-repo/semantics/publishedVersion
Artículo revisado por pares

Analítica

The implementation and development of floating solar photovoltaic power plants in Spain has been possible thanks to the European Union's policies to promote renewable energies, the availability of abundant solar radiation and the existence of numerous reservoirs, a consequence of the hydraulic policy of the 1960s. The current stage of development is a consequence of the new commitment to renewable energies in order to comply with EU directives. The Renewable Energy Plans and the Spanish Government's support measures for this technology are contributing to its growth. The aim of this work is to analyse the implementation of floating photovoltaic solar energy in Spain. The method used has focused on the study of the role of the university in research on this subject, publications and the dissemination of knowledge on this type of installation; European, Spanish and regional regulations in relation to this energy sector; as well as Spanish companies manufacturing this technology; existing installations, and the "Sierra Brava" floating solar photovoltaic plant as a case study. The results confirm the clear relationship between incentive policy and its expansion, which is motivated by technological progress
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Editorial: Ediciones Complutense 2023-07-27

Tipo Audiovisual: Floating photovoltaic solar energy Spain reservoirs solar radiation energy policy Energía solar fotovoltaica flotante ESpaña embalses radiación solar política energética Energie solaire photovoltaïque flottante Espagne réservoirs rayonnement solaire politique énergétique

Variantes del título: Los inicios de la producción de energía solar fotovoltaica flotante sobre superficies de agua en España Les débuts de la production d'énergie solaire photovoltaïque flottante sur des surfaces d'eau en Espagne

Documento fuente: Anales de Geografía de la Universidad Complutense; Vol. 43 No. 2 (2023); 327-358

Nota general: application/pdf

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Lengua: Spanish

Enlace a fuente de información: Anales de Geografía de la Universidad Complutense; Vol. 43 No. 2 (2023); 327-358 Anales de Geografía de la Universidad Complutense; Vol. 43 Núm. 2 (2023); 327-358 1988-2378 0211-9803

Otras relaciones: https://revistas.ucm.es/index.php/AGUC/article/view/90579/4564456566623 /*ref*/A.A. (2022a): "Una empresa promueve la instalación de una planta solar flotante de 62 hectáreas en el embalse de Buendía", Noticias de Cuenca, 7 de marzo de 2022. Disponible en: https://www.vocesdecuenca.com/provincia /alcarria/una-empresa-promueve-la-instalacion-de-una-planta-solar-flotante-de-62-hectareas-en-el-embalse-de-buendia/ A.A. (2022b): "La planta solar fotovoltaica del Embalse de Buendía paralizada ante el cambio de normativa por la guerra de Ucrania", Noticias de Cuenca, 14 septiembre de 2022. Disponible en: https://www. vocesdecuenca.com/provincia/alcarria/la-planta-solar-flotante-del-embalse-de-buendia-paralizada-ante-el-cambio-de-normativa-por-la-guerra-de-ucrania/ Acciona Energía (2020): Planta Fotovoltaica Sierra Brava. Disponible en: https://www.acciona.com/es/proyectos/planta-fotovoltaica-flotante-sierra-brava/?_adin=02021864894 Acciona Energía (2021): Acciona. Hibridación energética. Disponible en: https://competplus.eu/wp-content/uploads/2021/01 /ACCIONA_Hibridacion-Energetica.pdf Alonso Más, M.J. y Revuelta Pérez, I. (Dirs.) (2021): Regulación del sector eléctrico y transición energética. Cizur Menor (Navarra), Editorial Aranzadi. 342 págs. Bayona, E. (2022): "Cientos de pueblos se rebelan contra el plan del Gobierno de cubrir embalses con placas solares". Diario Público. 15 de mayo de 2022. Disponible en: https://www.publico.es/politica/cientos-pueblos-rebelan-plan-gobierno-cubrir-embalses-placas-solares.html Becker, F., Cazorla, L.M. y Martínez-Simancas, J. (Dirs.) (2010): Tratado de regulación de energías renovables. Madrid, Iberdrola y Editorial Aranzadi. 1.800 págs. Blanco, P. (2022): "La solar flotante surge con brío. Los parques instalados sobre el agua de los embalses, que pueden abastecer a más de un millón de hogares, ultiman su despegue". El País, 30 de octubre de 2022. Disponible en: https://elpais.com/extra /energia/2022-10-30/la-solar-flotante-surge-con-brio.html Colegio Oficial De Ingenieros Agrónomos De Alicante (2022): "Emil

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