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Strategies for a sustainable campus in Osaka University

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Abstract

This paper reports strategies toward achieving a sustainable campus at Osaka University, Japan. We advance a daily energy-use schedule for each building type to provide effective energy-saving strategies. We classify the facilities into three categories according to department type to reveal their energy-use patterns and identify their strategies for saving energy. These strategies will contribute to a sustainable campus using photovoltaic generation. Not only the implementation of energy-saving technologies but also the installation of renewable energy technologies will realize a sustainable campus at Osaka University. Category I (liberal arts) buildings have low

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