

ECONOMIC SYSTEM OF PUBLIC LIGHTING

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Abstract. The paper presents an application developed in order to reduce power consumption in street lighting. Based on a series of studies and research performed at the University of Suceava, the submitted application proposes tackling the reduction of power consumption in street lighting, but can be adapted to other areas and types of lighting. Into the current global trends, when the economy energy strategy is part of the fight against pollution and efforts to reduce global warming factors, given the improving consumption attempts in the agglomerations and the external circulation areas such as auto intercity arteries.

Key words: lighting system; photo-sensor; PC system; voltage regulator.