

## Problem Detail

**Title:** Rice-a-Roni: A San Francisco Treat

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**Discipline:** Physics and Astronomy

**Target Audience:** Introductory, non-majors

**Keywords:** appliances, circuits, electric power, electricity,  
household wiring, wiring

**Length of Time/Staging:** Three half class periods

**Abstract:** Students design the electric wiring portion of a home remodeling project. Appliance power ratings, distribution of electric power, voltage levels, circuit breakers, and wiring codes are encountered.

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**Date Published:** 4/10/2001

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