



CEFR Companion Volume implementation toolbox

Activity 1a. Mediation

Title:	Designing a power transmission and distribution system
Language:	English
CEFR Level:	B2
Target group:	electrical engineering students
Purpose:	Teaching
Author: Dubis, Anna and Justyna Firganek (2006). <i>English through electrical and energy engineering</i> . Kraków: Publishing House of Cracow University of Technology, p. 54.	

Goals of the activity: discussing in pairs a problem on a topic related to the field of studies

Introduction to task: The activity is preceded by reading a series of texts on different issues related to power transmission and distribution systems. It is also accompanied by a picture of the area in question and a small map.

Rubric: Imagine that a new power transmission system is required in the rural area to the north of Cracow. Discuss in pairs the construction of new overhead transmission lines. As this is the planning phase there are a number of issues to consider:

- cost factors
- construction details (materials, spacing, heights)
- earthing/grounding structures
- protection from grounding strikes
- health concerns
- aesthetic quality design
- geographical features of the area
- the way of carrying lines across the area

Tell the partner about the opinions of the articles you have read; ask your partner about his opinion.