

SPECIAL PLAN FOR THE CONSTRUCTION OF 400 kV ELECTRICITY TRANSFER LINE
“ALYTUS TRANSFORMER SUBSTATION – BORDER OF THE POLISH REPUBLIC”

PROTOCOL OF THE PRESENTATION OF CONCEPT SOLUTIONS

Time:	30/03/2010, 13:00
Place:	Lazdijai district municipality, Vilniaus St. 1, Lazdijai
Planning organizer:	AB “Lietuvos energija” Chief of Investment property department, Mindaugas Milačius
Project coordinator:	LitPol Link Sp. z o.o. Chief of Environmental department, Karolis Sankovskis
Organizer of project documents:	UAB “Sweco Lietuva” Chief of Planning department Tomas Varneckas
Presiding:	AB “Lietuvos energija” Chief of Investment property department, Mindaugas Milačius
Name of project in question:	Special Plan for the Construction of 400 kV Electricity Transfer Line “Alytus Transformer Substation – Border of the Polish Republic”
Territory for planned project:	Alytus and Lazdijai district subdistricts, Alytus county: Alytus, Simnas, Miroslavas, Krokialaukis, Teizai, Šeštokai, Būdvietis, Krosna, Lazdijai and Lazdijai town municipalities
Base for planning:	Injunction by the Lithuanian Minister of Energy for, No. 1-190, 10/12/2009 for preparing the Special Plan for the Construction of 400 kV Electricity Transfer Line “Alytus Transformer Substation – Border of the Polish Republic”.

The presentation of concept solutions was started by Tomas Varneckas, chief of the project document organizer’s UAB “Sweco Lietuva” planning department. He noted that the protocol of the meeting will be prepared within 3 working days after the presentation. The protocol will be made available for the interested public at:

- Planning organizer’s, AB “Lietuvos energija”, website www.le.lt;
- Headquarters of the planning organizer’s, AB “Lietuvos energija”, A. Juozapavičiaus St. 13, LT-09310, Vilnius, phone (8 5) 278 2408, (8 5) 278 2416;
- Project coordinator’s LitPol Link Sp. z o.o. website www.litpol-link.lt;
- Headquarters of the special plan organizer, UAB “Sweco Lietuva”, V. Gerulaičio St. 1, LT-08200, Vilnius, phone (8 5) 219 66574.

The public was informed that it is possible to fill in the special form for proposals. Proposals may be submitted throughout the whole planning document preparation period.

It has been made possible to familiarize with the concept of the Special Plan for the Construction of 400 kV Electricity Transfer Line “Alytus Transformer Substation – Border of the Polish Republic” during the meeting with the public, as well as concept solution plans, strategic environmental impact assessment (SEIA) scale measurement document, environmental impact assessment (EIA) program and it was possible to get informational publications for the project (brochures).

During the meeting Tomas Varneckas, chief of the special plan organizer’s UAB “Sweco Lietuva” planning department, presented the context of the project and the stages of the special plan, restrictive

factors, the principals of forming concept solutions, the technical parameters of the electricity transfer lines, land use restrictions in the protective area.

After the presentation the planning organizer, the project coordinator and the organizer of the special plan discussed public interest issues:

- What diameter will the planned electricity transfer line cables be?

Answer (A): It is planned that the diameter of one cable will be 8.350 mm².

- Will the visual effect, considering the landscape and surroundings, be reduced, by using cables of such diameter?

A: The effect on landscape of the planned line in urbanized areas will be minimal. The visual value of natural landscape with the planned line built in will be reduced. In cases, when a choice between landscape and other environment element (e. g. birds or biodiversity), the effect would be different in every case.

- What is the planned distance between line supports and what height will they be?

A: The distance between supports – approx. 300-320 m, in certain cases it may be expanded up to 600m; support height – up to 73 m. It was also stressed that the exact distances and support height will be defined only during the stage of technical planning.

- Why is an air-line being built instead of an underground cable?

A: The construction of 400 kV underground electric transfer cables is more complex and more expensive. Failures are determined slower and accident liquidation or maintenance work takes much longer. That would decrease the reliability of the planned line. It was emphasized, that a cable of such conductivity should be laid in approximately 20 m wide land area, over which agricultural activity by using heavy machinery would be prohibited, it is allowed under an air-line.

- What resources are used for the project?

A: Electricity transfer network expansion is financed by employing the electricity rates, collected from all residents, therefore “Lietuvos energija” has to be socially responsible and the project has to be planned rationally and economically.

- What Lithuanian-Polish Republic border section area is planned for the crossing point of the electricity transfer line?

A: The crossing point of the electricity transfer line is planned in the section North from Galaudusio Lake.

- In what areas of the “routes” depicted in the concept solution maps can the electricity transfer line be planned?

A: The electricity transfer line may be planned in any area of the planned “routes”, but not limited to them.

- Are the requirements of hygiene norm HN 104:2000 “Resident protection against magnetic fields generated by air electricity transfer lines” taken into account when planning the electricity transfer line?

The requirements of hygiene norm HN 104:2000 “Resident protection against magnetic fields generated by air electrical transfer lines” were, and are, taken into account when planning the 400 kV voltage electricity transfer line. The minimal distance of 250 m from residential buildings for 330 kV and higher voltage lines is set, and in exceptional cases, when the local conditions prevent from fulfilling this requirement, the electricity transfer lines may be build closer to urbanized (built upon) territories up to 30 m, ensuring, that the strength of the electric field will not be higher than 5 kV/m. The possibility to build electricity transfer lines closer to urbanized territories has to be approved by the public health authorities. The environmental impact assessment (EIA) report, in which the effect on public health will be examined and sanitary protection zone corrected (before the authority responsible decides on the admissibility of the activity), will be coordinated together with health care governing authorities of the Lithuanian Republic.

Where is the visual material for the 400 kV electrical transfer line supports available?

A: Requested to provide an email address in the public meeting participant list, to which the organizer of the special plan, UAB “Sweco Lietuva”, will send the visual material of identical electricity transfer line supports.

The presiding thanked the participants for participating in the meeting for the presentation of the special plan concept solutions for the Construction of 400 kV Electricity Transfer Line “Alytus Transformer Substation – Border of the Polish Republic” and their questions and announced the end of the meeting.

Date of signing the protocol:

Presiding:

(signature)

04/01/2010

Mindaugas Mikalčius