Electricity Transmission Lines Projects in Ukraine

NGOs Working Session on ENPI, Georgia, 2010
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Transmission lines projects in Ukraine:

- 2005: Odessa High Voltage Grid Upgrade Project
  (EBRD: EUR 25.8 million + TACIS: EUR 3 million grant)

- 2007: Rivne-Kyiv High Voltage Line Project
  (EBRD and EIB: EUR 150 million each + TC grant)

- 2009/2010: South Ukraine Transmission Project
  (EIB and EBRD: EUR 175 million each, NIF: 2.3 million)

- “The Second Backbone UHV Corridor” (expected to be financed by EBRD and EIB: up to EUR 1 billion, NIF: up to EUR 10 million)
Odessa High Voltage Grid Upgrade Project

- Change of the route, no consent asked/received from local people or EBRD

- Violent conflict, backed by authorities

- EBRD reaction in November 2009: strong message in the bank's history

- In summer 2010 the first signs of solving the conflict with local population – enabled EBRD to “unfreeze” the next in row South Ukraine Transmission Project

www.bankwatch.org
Change of the route, no consent from local people or EBRD

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Violent conflicts in Usatove, 16-19.11.2009
EBRD press release, 20 November 2009:

“The EBRD has urged Ukrenergo to halt immediately further construction work and to take measures aimed at defusing the tense situation in the area, as well as to drop any civil or legal proceedings against the affected residents.”

“The EBRD has informed the company that further tranches of financing for the project cannot be disbursed until the Bank assesses the environmental and social implications associated with the NPC Ukrenergo’s decision to change the original route of the power transmission line and until NPC Ukrenergo takes all steps necessary to address in a satisfactory manner all environmental and social issues relevant to this change.”
Construction activities continued despite EBRD's demand, all pylons were installed and one (out of two) 330 kV line was connected.

Additional studies were published in January 2010 – does Nerubayske exist at all?

Imitation of public hearings and consultations with affected people

Meanwhile people live in the everyday risk:
- accidents during the installation
- also risk to workers due to low safety culture of the company and subcontractor
- short circuit accident on April 6 with fire and damage to properties

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Short circuit accident on April 6, 2010
Short circuit accident on April 6, 2010
Short circuit accident on April 6, 2010
Rivne-Kyiv High Voltage Line Project

2007: approved

2010:
- 0 km was built
- Ukrenergo decided to change the route. Did EBRD or EIB know this from the client?
- Ukrenergo asked Ministry of Environment to allow construction in protected area – "Urochysche Mutvytske"
- Reason for change – request from Korolivka village Council by 24 August 2007
- Despite "Urochysche Mutvytske" established in 1996 by Presidential Decree and has status of the National Importance it is not mentioned in EIA report.

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Rivne-Kyiv High Voltage Line Project

Initial route
2 x 750 kV lines

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Rivne-Kyiv High Voltage Line Project

Initial route
2 x 750 kV lines

protected area

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Rivne-Kyiv High Voltage Line Project

Initial route
2 x 750 kV lines

Change of the route
2 x 750 kV lines

Protected area
South Ukraine Transmission Project
(750kV Zaporizhzhia-Kakhkovska Line)

Unconvincing technical and financial justification:

- Capacity of the new line is 2-3 times higher than required 700 MW.
- Annual "underproduction" is up to 1 TWh/year. Ukrenergo's tariff for 2010 is EUR 0.002 per KWh. Annual revenue from transmitting of such amount would be EUR 2 million.
- On 296 days from 366 ZNPP generation was below 5300 MWt
- New substation – dead end for exceeding capacity.

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South Ukraine Transmission Project

On 296 days from 366 ZNPP generation was bellow 5 300 MWt (one year period from 1 September 2007 to 31 August 2008)

<table>
<thead>
<tr>
<th># of reactors in operation</th>
<th>Output dispatch, MWt</th>
<th># of days</th>
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</thead>
<tbody>
<tr>
<td>6</td>
<td>5300 – 5100</td>
<td>70</td>
</tr>
<tr>
<td>5</td>
<td>5100 – 4100</td>
<td>221</td>
</tr>
<tr>
<td>4</td>
<td>5100 – 3700</td>
<td>73</td>
</tr>
<tr>
<td>3</td>
<td>4000</td>
<td>2</td>
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**Total days:** 366
South Ukraine Transmission Project

Environmental and social concerns:

- Conflict with protected territories: one National Park, one reserve of national and two of local importance.
- Assessment of impact on Birds migration was published only in October 2010 and just a summary.
- Unsatisfactory level of public consultations’ compliance with EBRD requirements. EIB approved the project even before the end of consultations period.
- No negotiations with individual landowners
Transmission lines projects in Ukraine

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