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# **Selection of Projects of Energy Community Interest (PECI s)**

**1st Meeting of the Electricity Group – Submitted projects summary**

**Presentation REKK / DNV GL**

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**Vienna 11.12.2017**

# Submitted projects I.

Project code	Project name	Investment cost	Year of commissioning	OPEX	NTC	Transmission loss	EENS
EI_01	Upgrading of existing 220 kV OHL TPP Tuzla (BA) - SS Đakovo (HR) to 400 kV line (part from TPP Tuzla - border with HR)	HR part is missing	OK	Missing	OK	Only for the cluster	No impact
EI_02	Upgrading of existing OHL 220 kV TPP Tuzla (BA) - SS Gradačac (BA) - SS Đakovo (HR) to 400 kV line (from TPP Tuzla to the border BA-HR), Upgrading existing 220 kV SS Gradačac (BA) to 400 kV	OK	OK	Missing	OK	Only for the cluster	No impact
EI_03	400 kV Mukacheve (Ukraine) – V.Kapusany (Slovakia) OHL rehabilitation	Slovakian part is missing	OK	Slovakian part is missing	Missing	Missing, and not TYNDP	Missing, and not TYNDP
EI_04	OHL 400 kV Banja Luka 6 (BA) - Lika (HR) (part from SS Banja Luka 6 - border with HR)	HR part is missing	OK	Missing	OK	Only for the cluster	No impact
EI_05	400 kV OHL Vulcanesti (MD) - Issacea (RO) and new 400 kV OHL Vulcanesti (MD) - Chisinau (MD)	OK	OK	Missing	OK	Missing, and not TYNDP	Missing, and not TYNDP
EI_06	750 kV Khmelnytska NPP (Ukraine) – Rzeszow (Poland) overhead line connection	PL part is missing	OK	PL part is missing	OK	Missing, and not TYNDP	Missing, and not TYNDP

# Submitted projects II.

Project code	Project name	Investment cost	Year of commissioning	OPEX	NTC	Transmission loss	EENS
El_07	750 kV Pivdennoukrainska NPP (Ukraine) – Isaccea (Romania) OHL rehabilitation and modernisation, with 400 kV Primorska – Isaccea OHL construction.	OK	2026 or 2027?	OK	Missing	Missing, and not TYNDP	Missing, and not TYNDP
El_08	Transbalkan corridor I phase - Section IV: OHL 400 kV Bajina Basta-Visegrad-Pljevlja	OK	OK	Missing	OK	OK	No impact
El_09	Transbalkan corridor I phase - Section II: OHL 400 kV Kragujevac - Kraljevo	OK	OK	Missing	NTC is missing	OK	No impact
El_10	Transbalkan corridor I phase - Section III: Double OHL 400 kV Obrenovac - Bajina Basta	OK	OK	Missing	OK	OK	No impact
El_11	New double 400kV OHL Bajina Basta (RS) - Visegrad (BA) (Part from SS Visegrad - border with RS)	OK	OK	Missing	OK	OK	No impact
El_12	Connection of three synchronous zones (Project Name in National NDP/Infrastructure Plan: 1.1) Tskaltubo-Akhalsikhe; 1.2) Akhalsikhe-Tortum; 1.3) Marneuli-Ayrum; 1.4) Stepantsminda-Mozdok)	Missing	OK	Missing	OK	Missing, and not TYNDP	Missing, and not TYNDP
El_13	400 kV OHL Bitola(MK) - Elbasan(AL)	OK	OK	OK	OK	OK	OK
El_14	Transbalkan Electricity Corridor- Grid Section in Montenegro	OK	OK	Missing	OK	OK	OK
El_15	DAJC - VELIPOJE WIND POWER PLANT	Eligibility?					

# Main questions

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- Project clustering:
  - Assessment without and within clusters
    - Data issue: Transmission loss and EENS figures need to be splitted to individual projects
- What is the procedures if the neighboring country partner input is missing?
- Some projects already have Final Investment Decision (FID)
  - They should be partof the Reference scenario, only TOOT method can be applied for these projects or they are excluded from the Reference?
- Georgia:
  - Non-eligible for PEGI/PMI (Project of Regional Importance)
  - Modelling has a limitation:
    - Data on neighboring countries – especially for Russia – are missing
  - Available literature will be reviewed (if available)