SEE VRES WORKSHOP

NOVEMBER 2018, VIENNA
POWER SECTOR ORGANIZATION IN B&H

NOSBiH responsibilities:
- Managing the work of all high voltage facilities at voltage level 110kV and above
- Managing the balancing energy market
- Developing of Indicative Generation Development Plan
- Cooperation with ENTSO-E

Elektroprenos BiH responsibilities:
- Transmission of electric energy
- Maintenance, construction and development of transmission network in B&H
- Developing of Long-term Transmission System Development Plan for 10 year period
In accordance with National Grid Code (complied with Article 22, Directive 2009/72/EC), Elektroprenos BiH develops Long Term Transmission Network Development Plan, based on inputs from Indicative Generation Development Plan and relevant transmission system users. Plan in particular:
- indicates to market participants the main transmission infrastructure that needs to be built or upgraded over the next ten years
- contains all the investments already decided and identify new investments which have to be executed in the next three years
- provides a time frame for all investment projects

http://www.nosbih.ba/bh/korporativneAktivnosti/indikativni-plan-razvoja-proizvodnje/86
http://www.nosbih.ba/bh/korporativneAktivnosti/plan-razvoja-prenosne-mreze/87
Power sector planning

Power demand forecast:
- users inputs
- realization for a period of ten years
- TSO estimation
- three load scenarios

Consumption 2001-2017

Generation capacity scenario
- single/base scenario
- permissions needed

Generation capacities (de)commissioning
- RES Operator is BRP – Balancing Responsible Party for all renewable energy sources
- RES producers send planning data to RES Operator
- RES Operator provides information in D-1 on generation schedule for day D
- NOSBiH operates balancing market
- NOSBiH is in charge for ID schedule changes
Level of RES penetration?

Current
- HPP 2095MW
- WPP 50.6MW + 36MW (end of 2018)

Future
- HPP 268MW
- WPP 100MW**

Considerations & concerns?
- Lack of regulation reserve
- Balancing costs
- Insufficient transmission capacity
THANK YOU FOR YOUR ATTENTION!!!