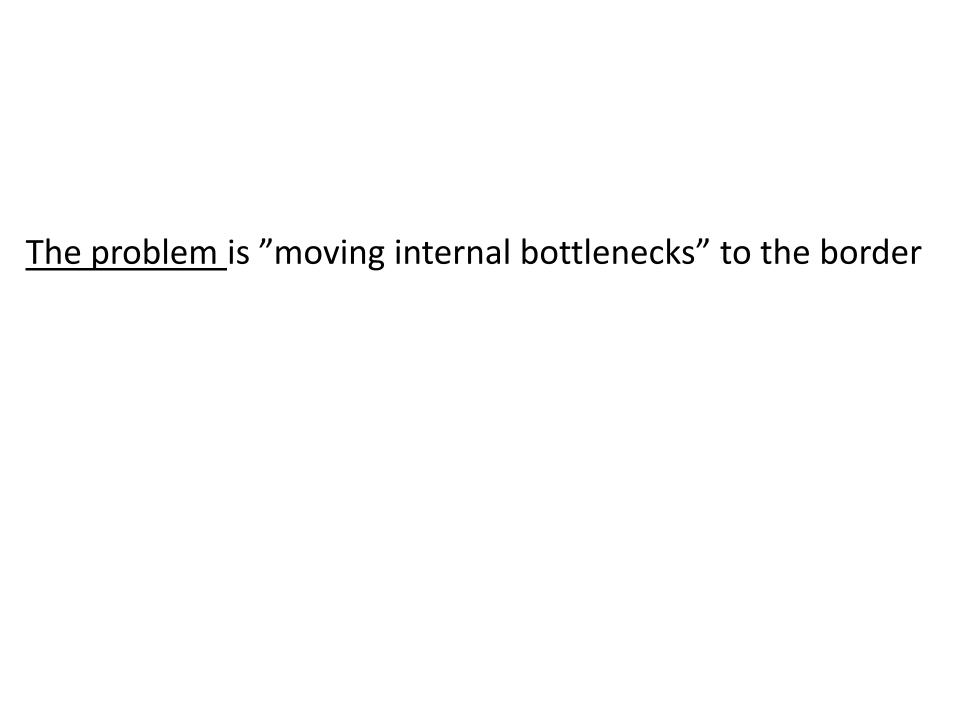


NEPP Stockolm 3/3 2015

(mats nilsson)





### Nord Pool Urgent market message 22/12 2014

Ämne: NEW Elspot capacity, NO1, SE3

Market information:

NEW Elspot capacity, NO1, SE3

Message type:

General

Decision time:

22.12.2014 17:00 22.12.2014 17:27:30

Published:

Event start:

23.12.2014 00:00

Event stop:

15.03.2015 23:59 82 days, 23:59:00

Event duration:

82 days

**Duration uncertainty:** Other (see remarks)

Company:

Statnett SF

Affected areas: NO1, SE3

From Norway to Sweden

Affected lines:

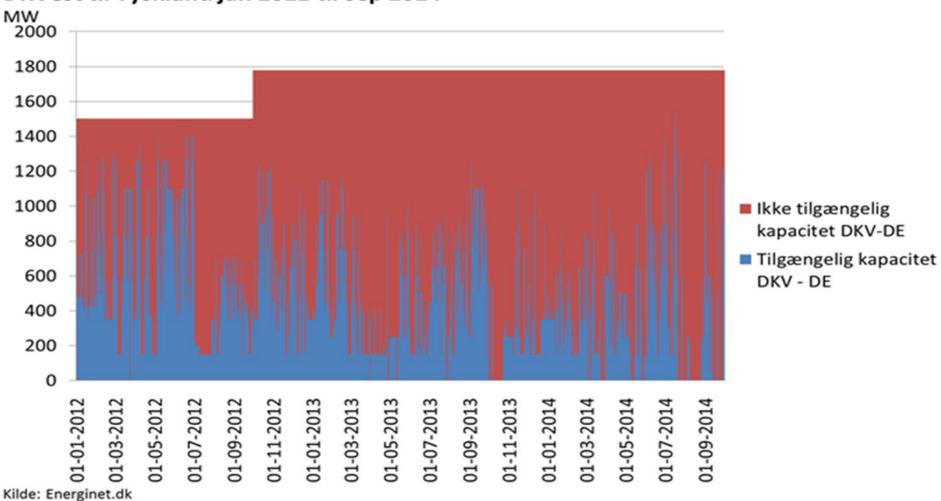
Remarks:

During winter high-load periods, the capacity NO1-SE3 is dependent on the consumption in NO1. The NTC-value NO1-SE3 is gradually reduced with increasing consumption in NO1. The capacity will vary in the range of 500-2145 MW. See attached link "Principles for determining the transfer capacities" for more information. Capacity SE3-NO1 is not affected.

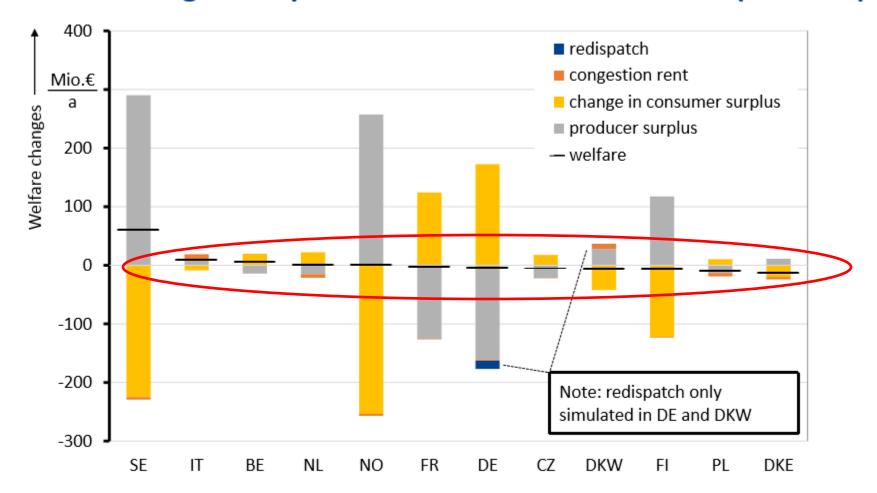
Capacity decreases 0-1645 MW

Capacity decreased due to consumption in NO1 🖰

### DKVest til Tyskland jan 2012 til sep 2014



## Welfare Changes compared to Base case for Scenario 2 (600 MW)



significant changes in Scandinavian welfares esp. due to price effects, welfare increase in Sweden also due to volume effects in simulation





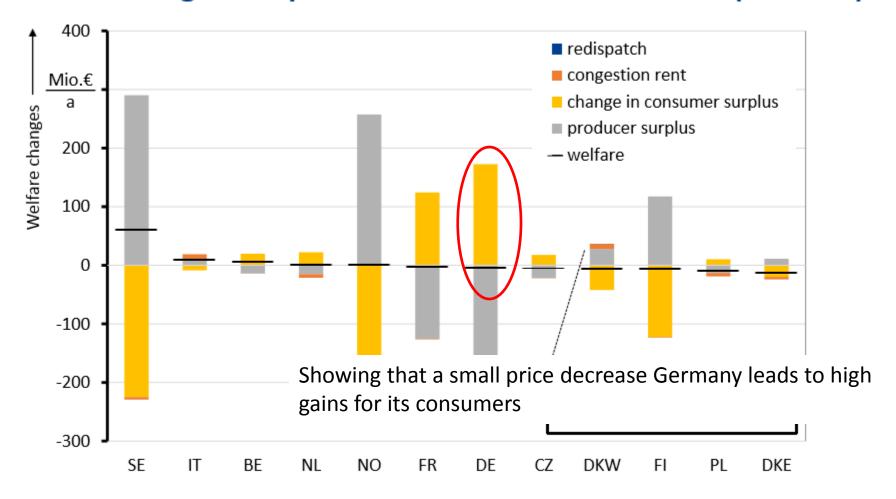
# Transparent methods to support infrastructure investments

, Mats Nilsson<sup>1</sup>





## Welfare Changes compared to Base case for Scenario 2 (600 MW)



significant changes in Scandinavian welfares esp. due to price effects, welfare increase in Sweden also due to volume effects in simulation





Who can best guess the future?

Merchant lines as a signalling device (2)



### Main challenges

- 1) The current underestimation of the value of trade if estimated we need general equilibrium trade model thinking
- 2) (in the same vein, the negative consequences of protectionist policies should be evaluated)
- 3) The government monopoly on building cross border connections

