

PREDIKTOR AN ON-LINE PREDICTION SYSTEM

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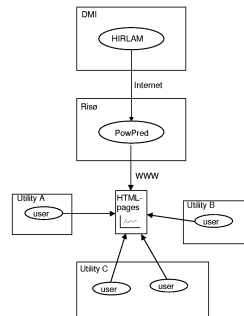
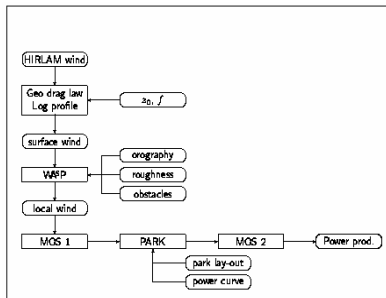
WHAT?

An automatic, on-line prediction system, that predicts the power output from wind farms. Predictions are fed directly to the WWW

WHY?

High penetration of wind energy in many areas results in an effect on the planning and dispatch at the electrical utility

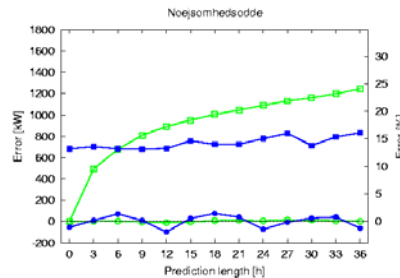
HOW?



WHERE?



HOW WELL?



WHAT'S NEXT?

A new model combining the Risø model explained here and the IMM model. To be installed (and used, hopefully) at all the Danish utilities. Prediktor on-line in Spain and Scotland and under negotiation for application in USA and Ireland

CONCLUSIONS

- * We can predict the wind (most of the time!)
- * It is demonstrated that the model works on-line (3 years now)
- * The predictions are used by the Elkraft utility

THANKS!

- * European Commission, JOULE programme
- * Danish Ministry of the Environment and Energy, EFP programme

