

IceWind

Making a difference

Vindmyllur fyrir

Sumarhús

Veðrið



Veðrið

Hvað einkennir veðrið á Íslandi ??

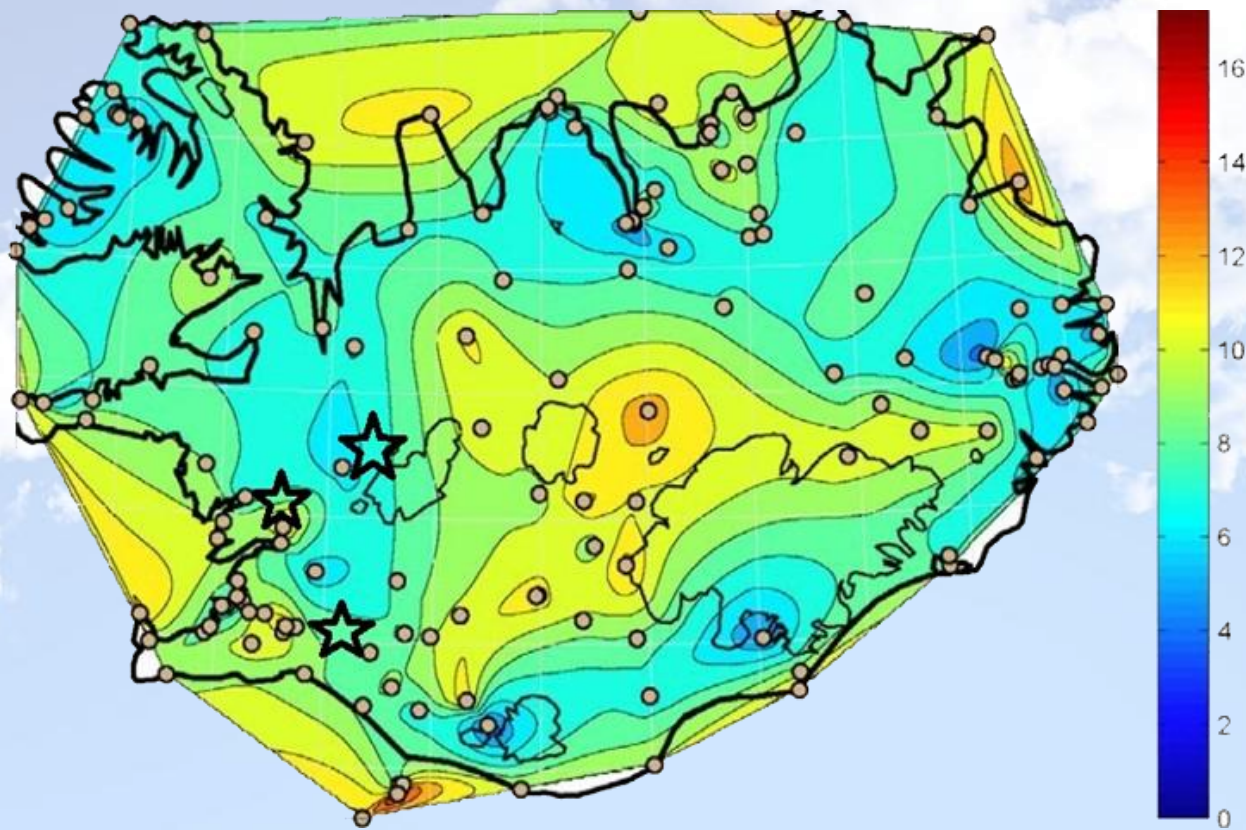


Veðrið

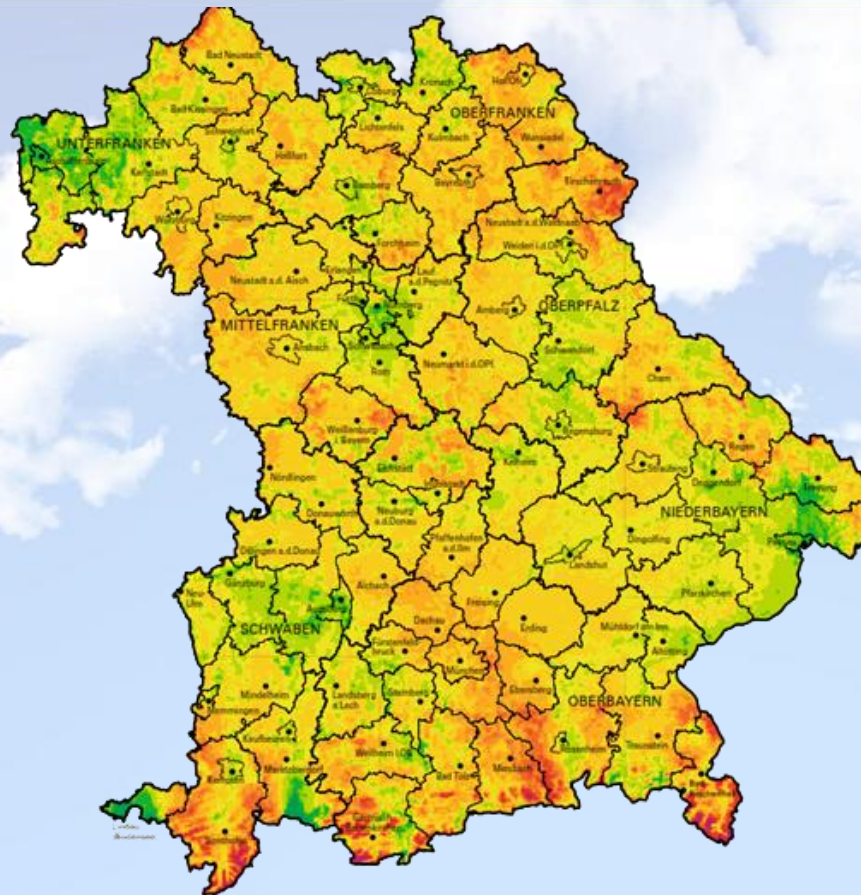
Sviptivindar



Veðrið



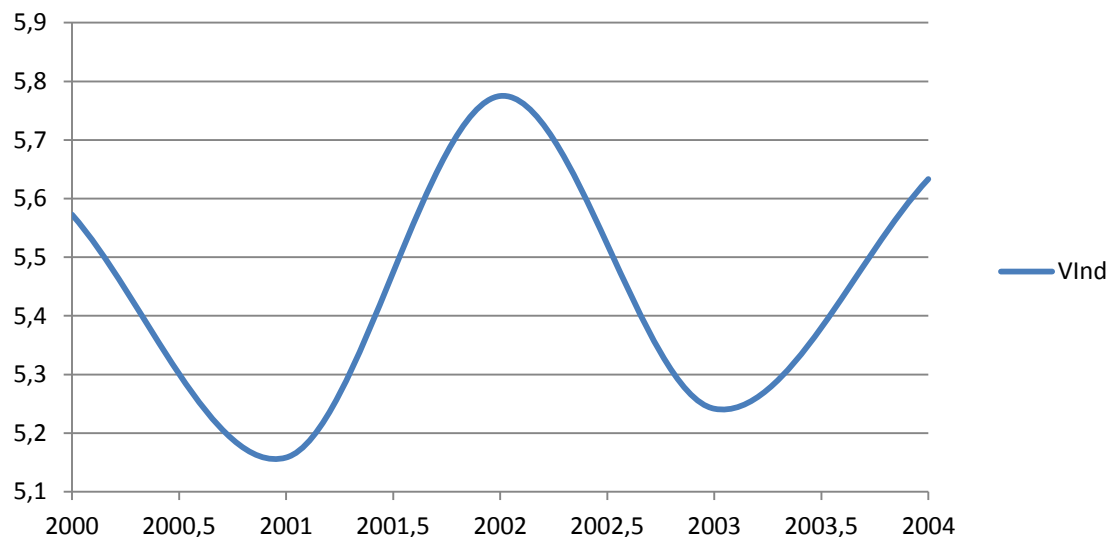
Veðrið



<math>< 10</math> 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100

Veðrið

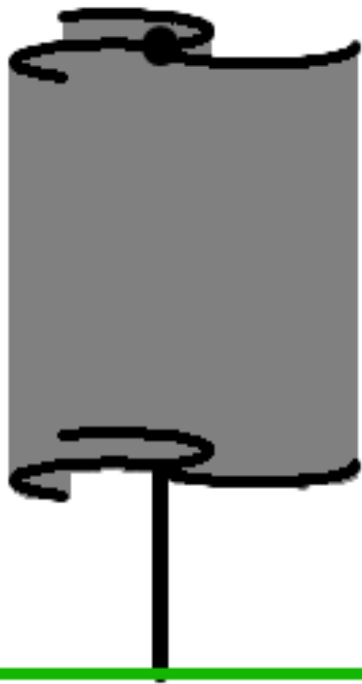
Vindur, Hella



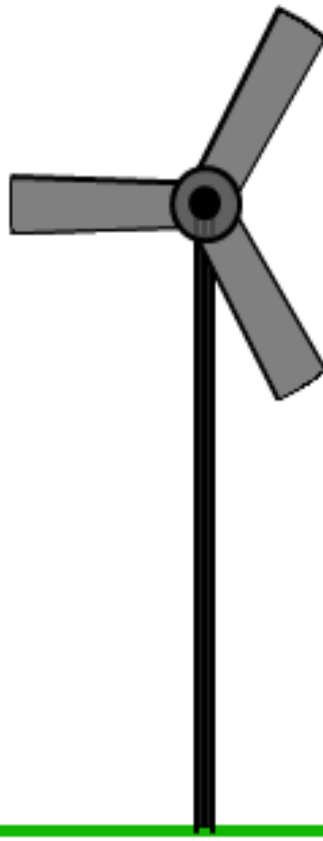
- 5.1m/s
 - 1800kWh/ári
- 5.8m/s
 - 2600kWh/ári

12% munur
verður
30% munur

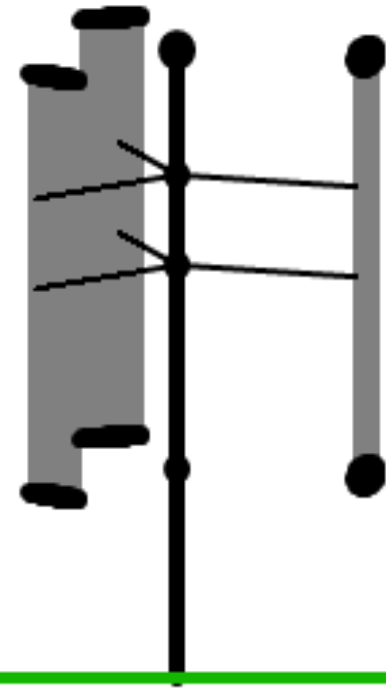
Vindmyllurnar



Savonius VAWT



Modern HAWT

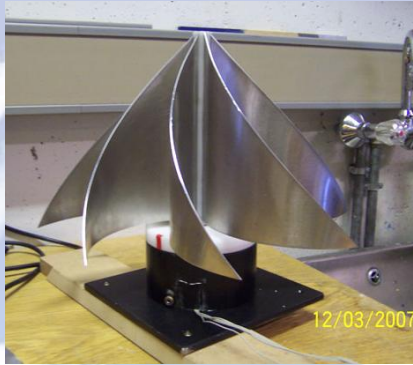


Giromill/Darrieus VAWT

Upphafið

Hvernig byrjaði þetta allt saman?

2007



2008-2009



2009-2010



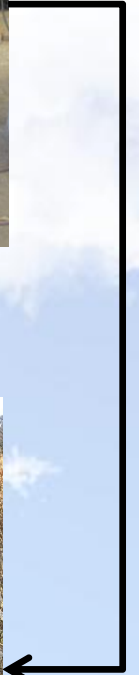
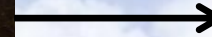
2012



2011



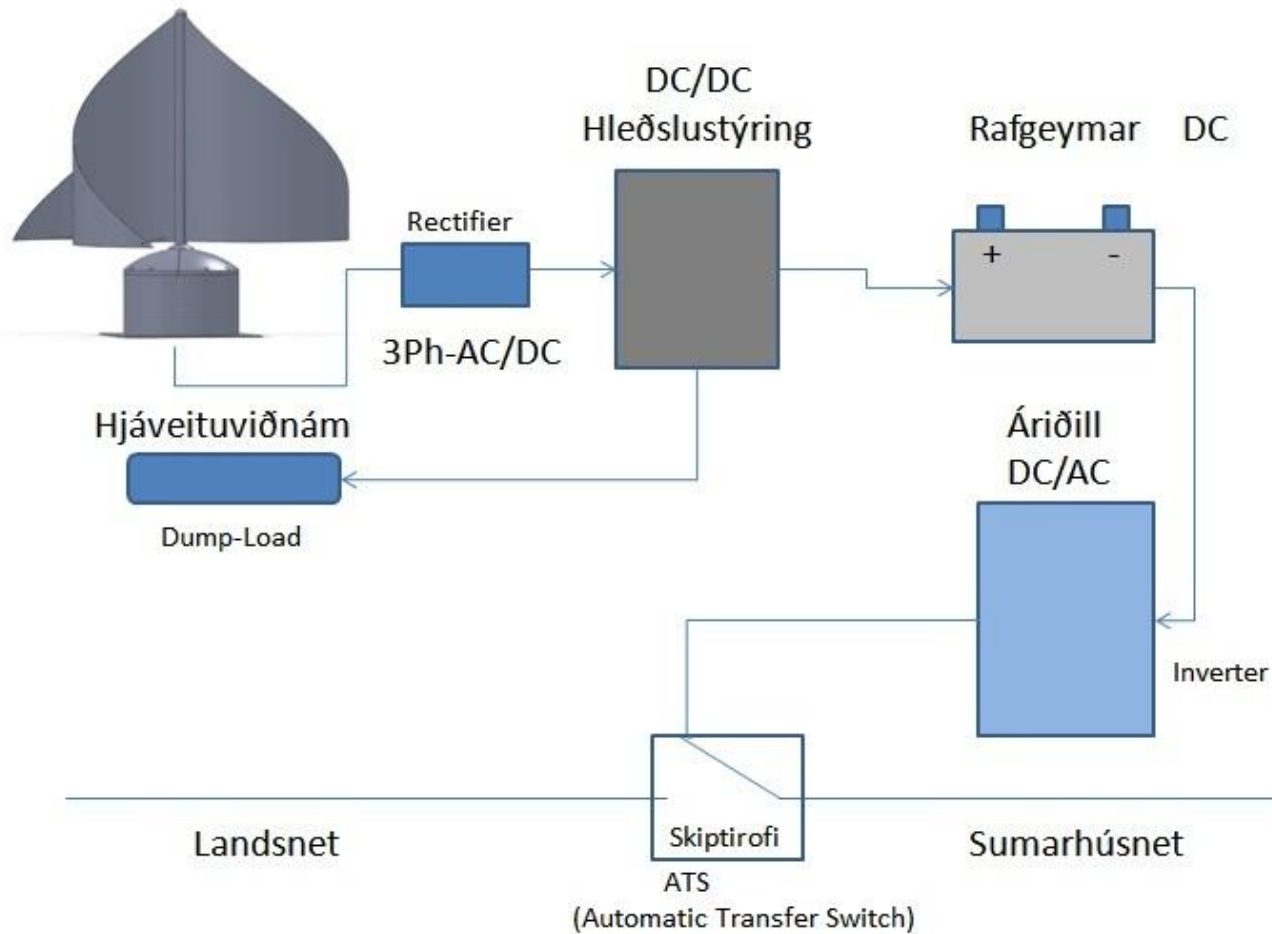
2013



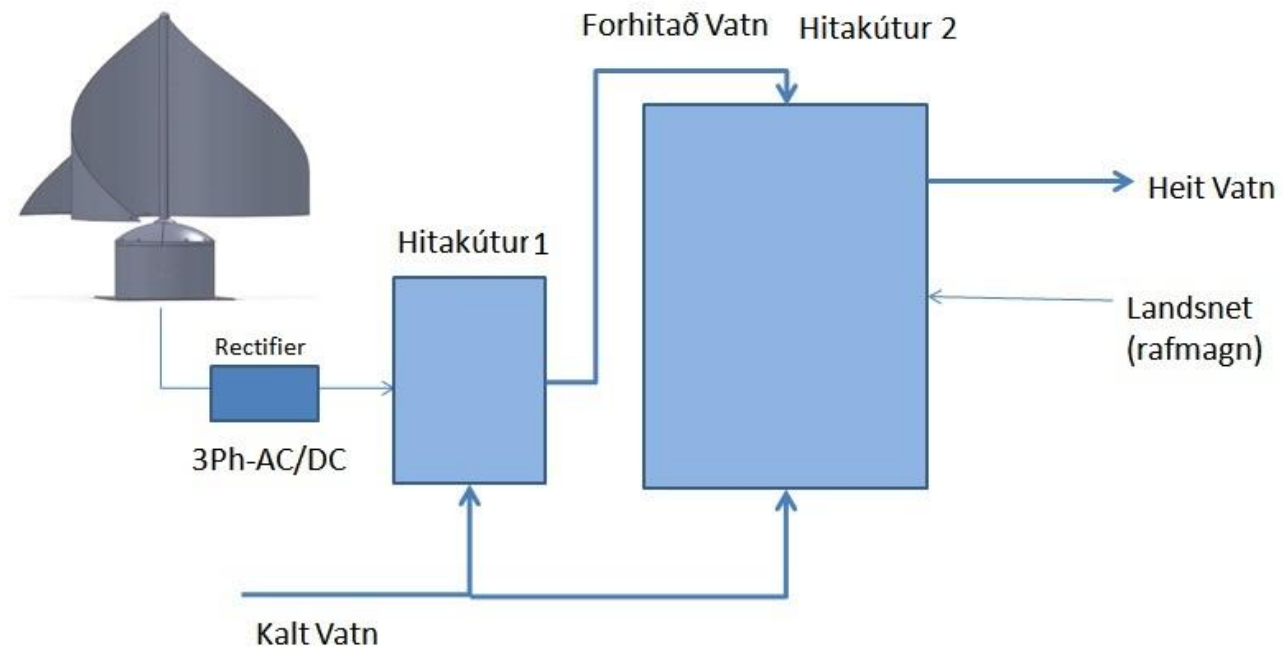
Húsafell



Uppsetningar



Uppsetningar

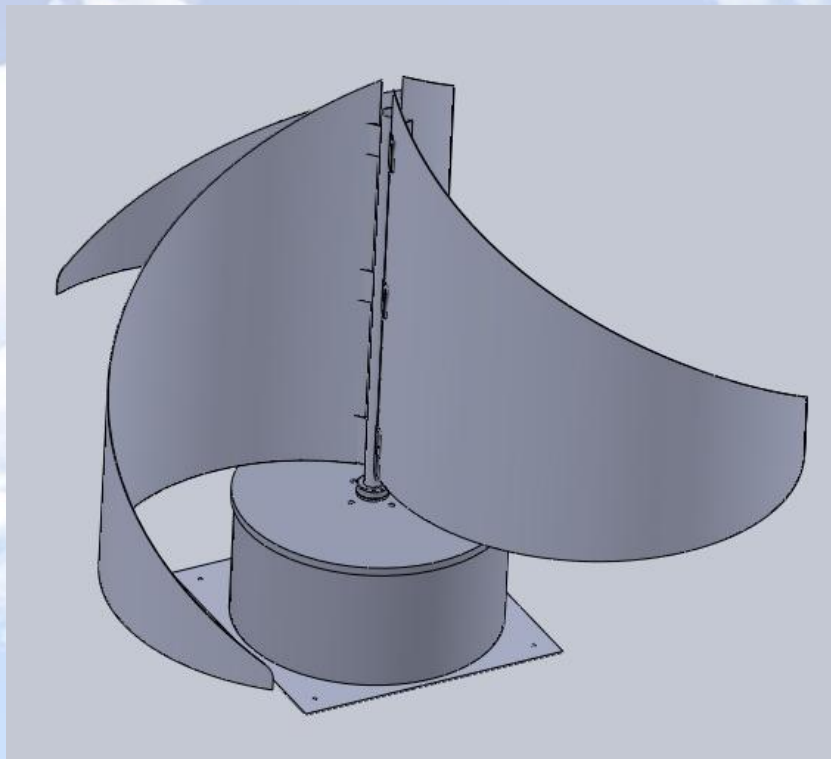




Hönnunin

VAWT

Hönnunin



IceWind Vindmyllan

Kostir

- Framleiðsla í lágum vindi
- “Hljóðlaus”
- Þarf ekki að snúa sér uppí vindinn
- Auðveld í uppsetningu
- Hár þolhraði
- Þarf ekki að bremsa
- Framleiðsla á öllu hraðasviðinu
- Hefur ekki áhrif á fuglalíf
- Sjónmengun í lágmarki

Gallar

- Óstöðugt rafmagn
- Lægri nýtni en HAWT
- Lágsnúninga kerfi

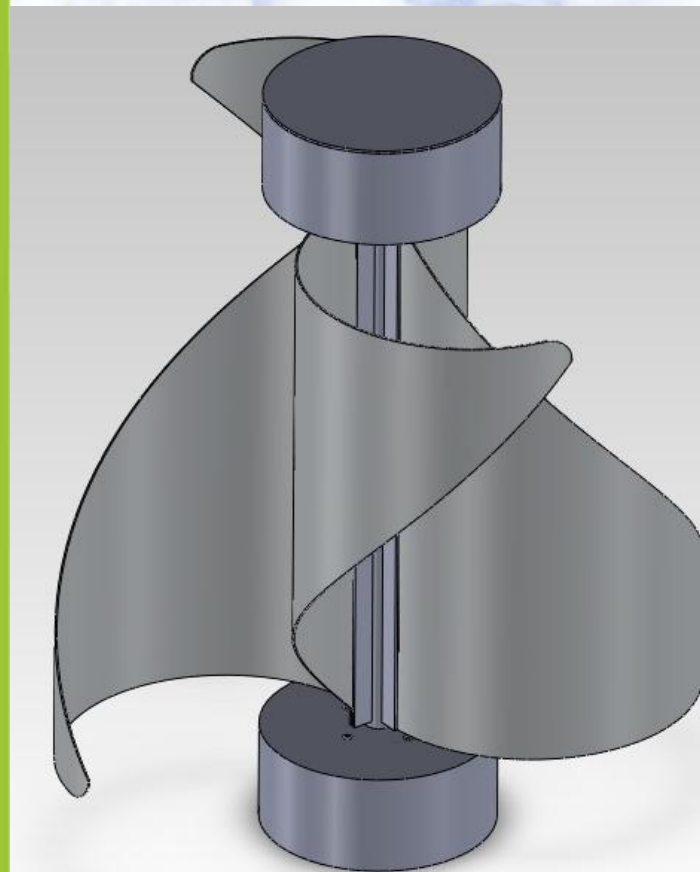
IceWind Vindmyllan

- A1-600W
- A2-1000W
- A3-1500W
- A4-2500W
 - Seinnipart 2013
- Verð
 - 450 til 640þúsISKR
 - Mv. Fjöldaframleiðslu

- Sumarhús
 - Rafhitun
 - Nýbyggingar
 - Ótengd
- Bændur
 - Rafhitun
- Heimili
 - Köldum svæðum

Þróunarvinna

- Túrbína fyrir fjarskiptamöstur
- Ræsvægistýring
- Líftíma aukning rafgeyma
- Backup-Grid-Tie-Inverter





Takk fyrir

Spurningar?