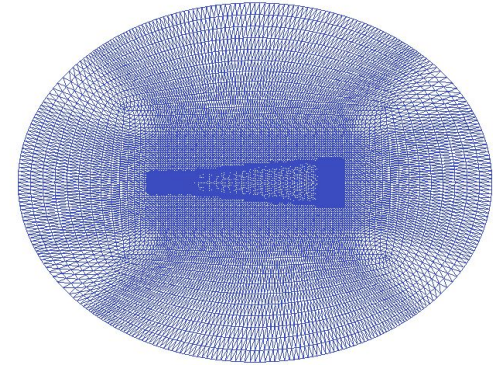


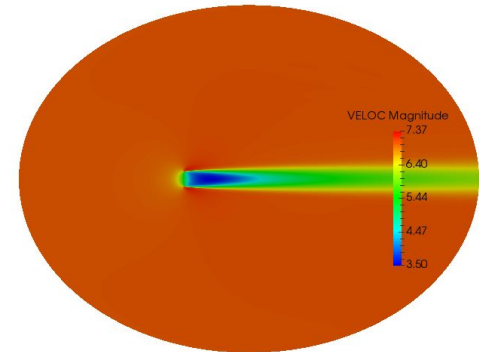
Realizable Wind (con coriolis)

Calibración, $z_0=0.01$ (estepa)

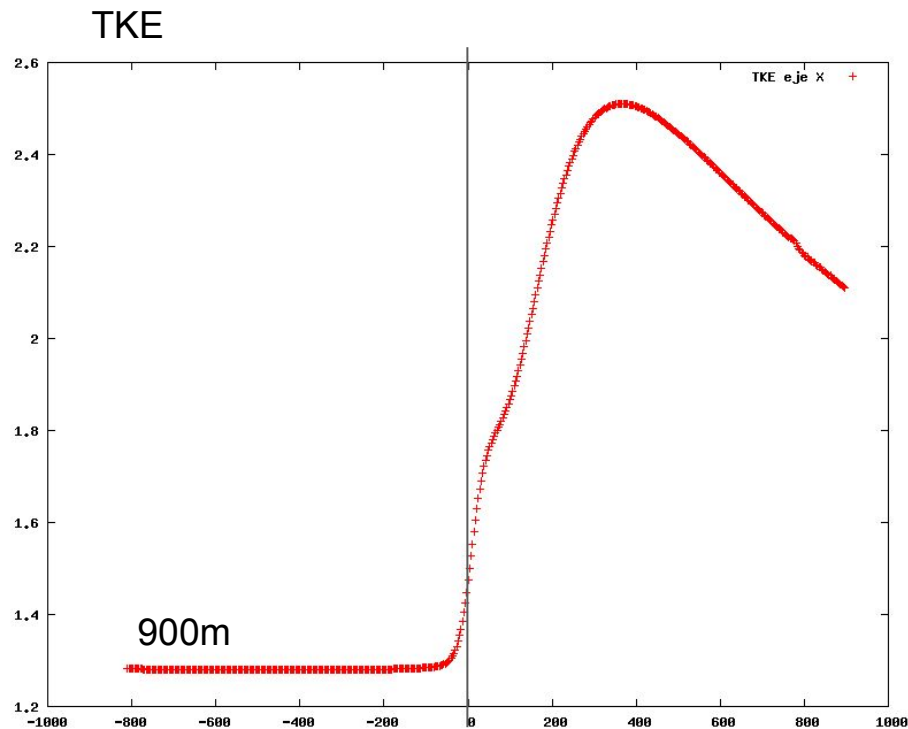
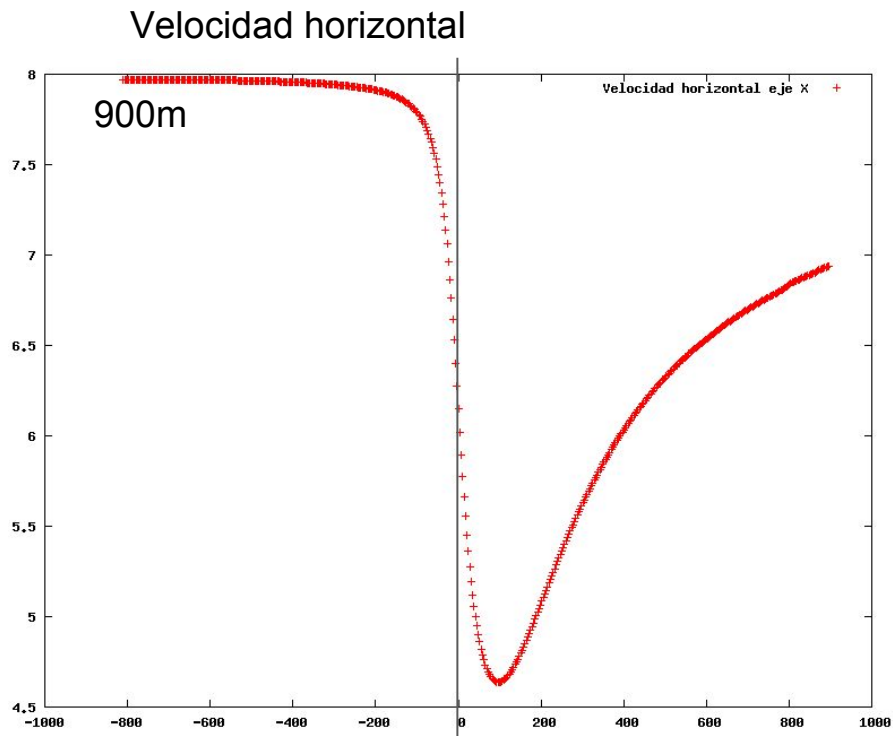
Uinf	Ct	Cp	Udisco
4	0.824	0.352	2.8962
5	0.791	0.418	3.7098
6	0.791	0.440	4.4623
7	0.791	0.450	5.2146
8	0.732	0.441	6.1602
9	0.606	0.403	7.3578
10	0.51	0.360	8.5101
11	0.433	0.312	9.6302
12	0.319	0.256	10.9179



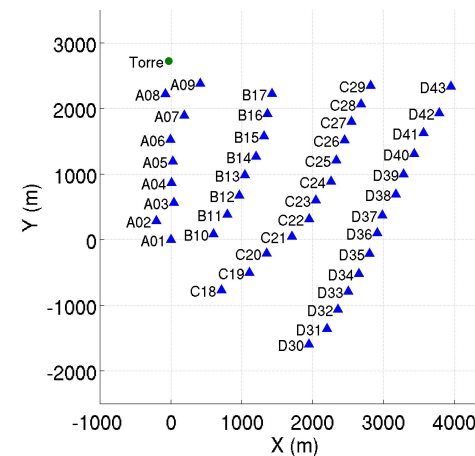
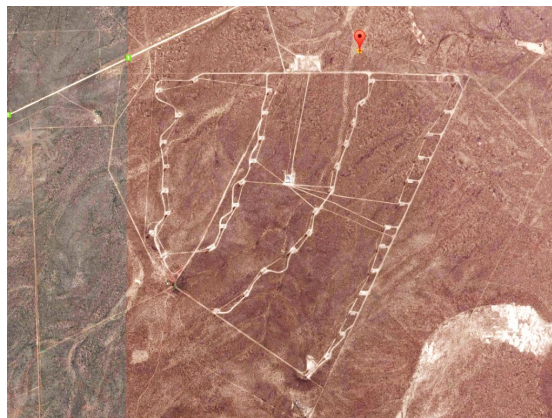
WindMesh: 309 400; DiscMesh: 604 318



Realizable Wind (con coriolis)



Parque Eólico Rawson



43 turbinas Vesta V90, 1.8 MW de potencia cada una

Diámetro: 90m

Altura de góndola: 80m

Potencia nominal del parque: 77,4MW

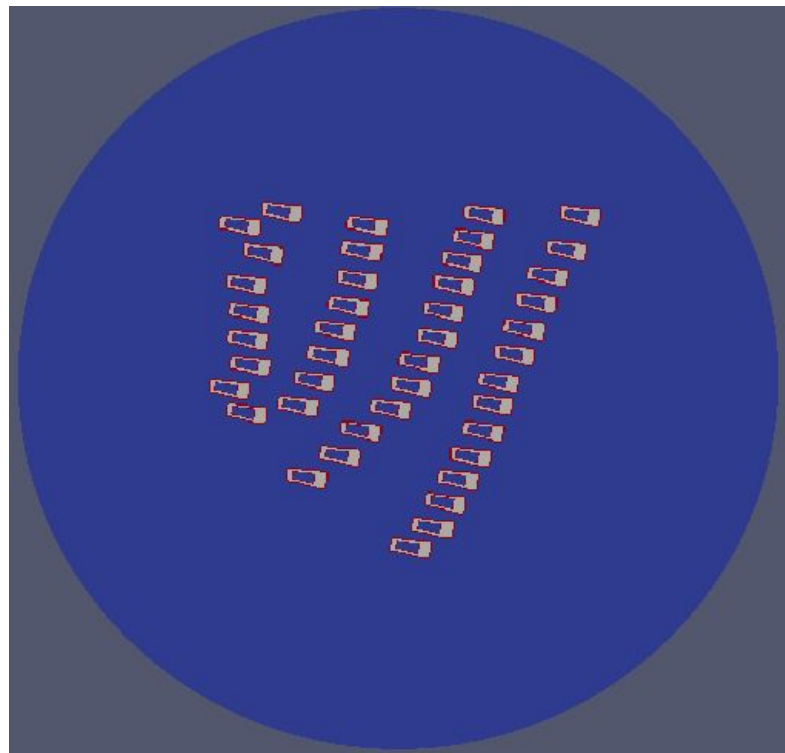
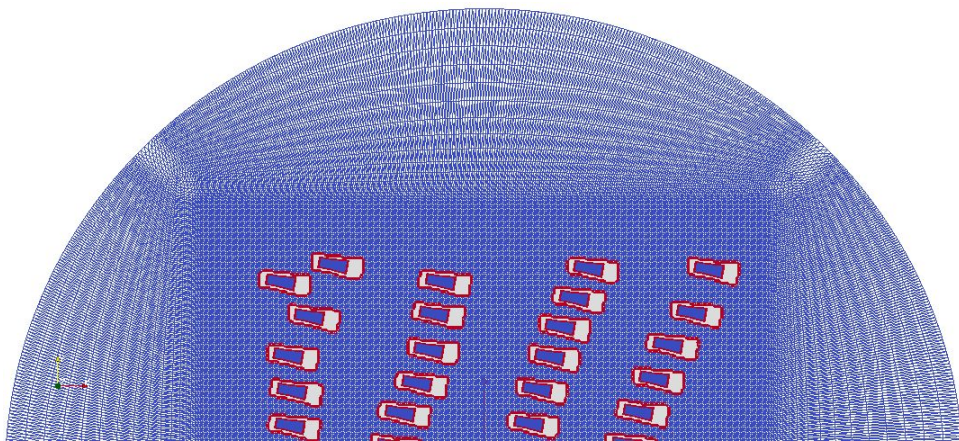
Dimensiones: 4km x4km

WindMesh y DiscMesh

WindMesh celdas: 3 369 054

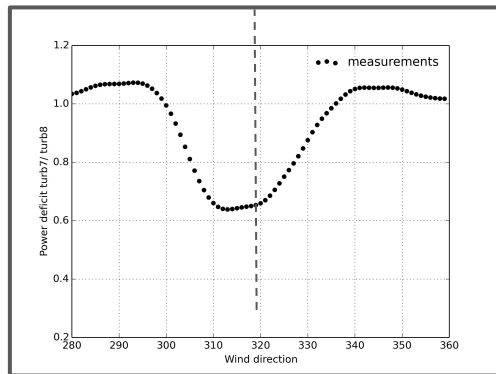
DiscMesh celdas: 5 718 626 (+69%)

celdas en Farm_Zone: 20m

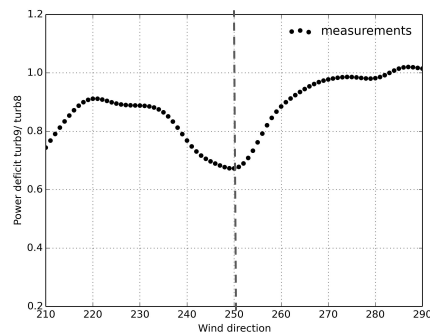


Casos medidos, 8m/s

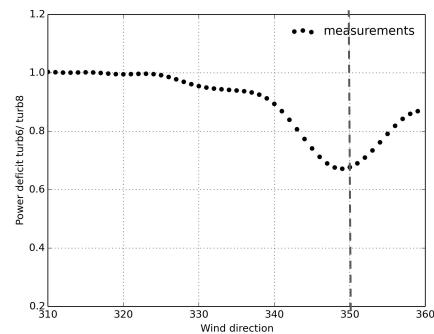
P07/P08 (4.7D)



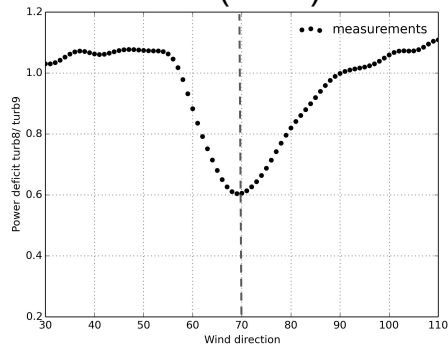
P09/P08 (5.7D)



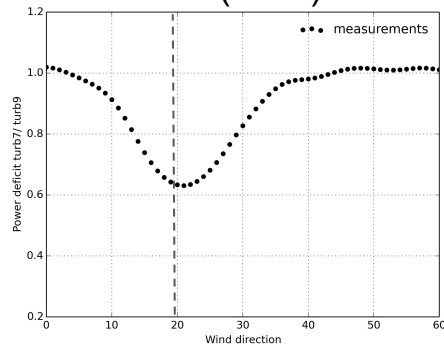
P06/P08 (7.7D)



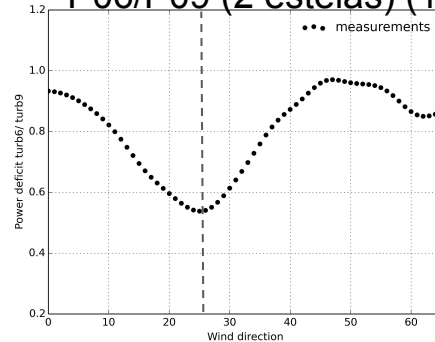
P08/P09 (5.7D)



P07/P09 (5.9D)



P06/P09 (2 estelas) (10.5D)

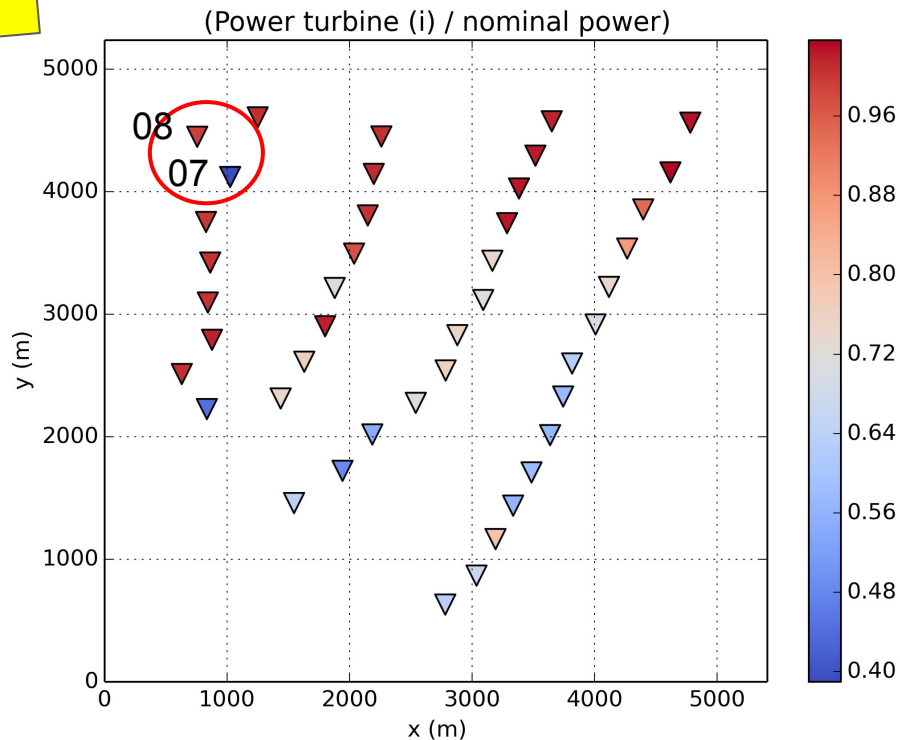


Alya

Procesadores: 256

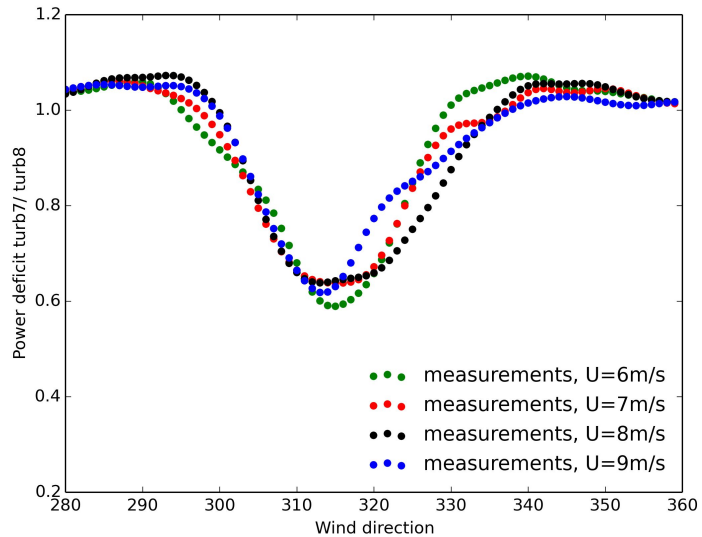
Tiempo : 1:00 h

Pasos de tiempo: 440



Estela entre dos turbinas, 4.7D de separación

Mediciones para distintas velocidades de entrada



Alya vs Mediciones para 8m/s

