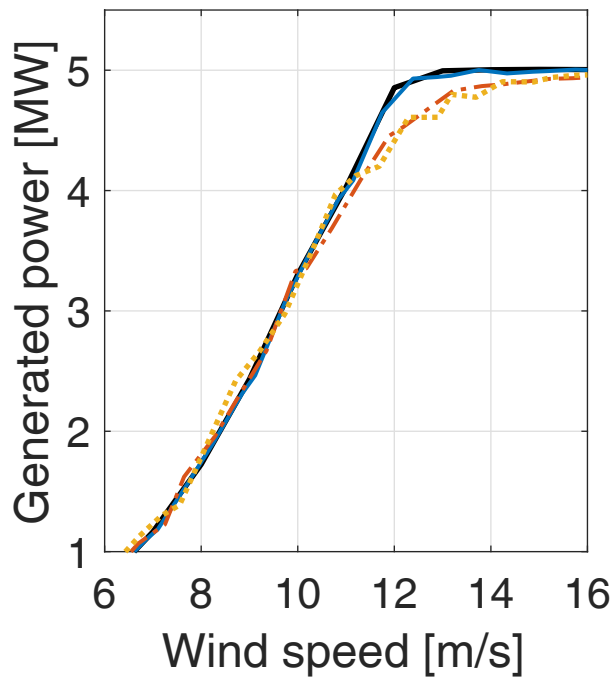
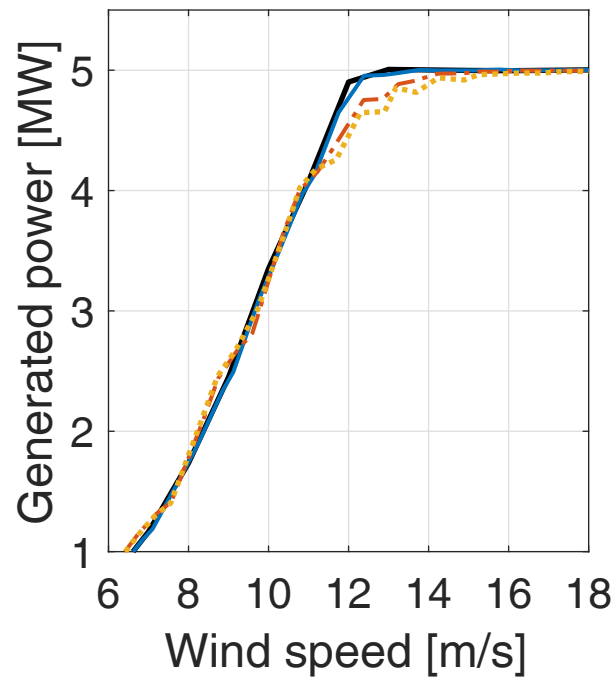


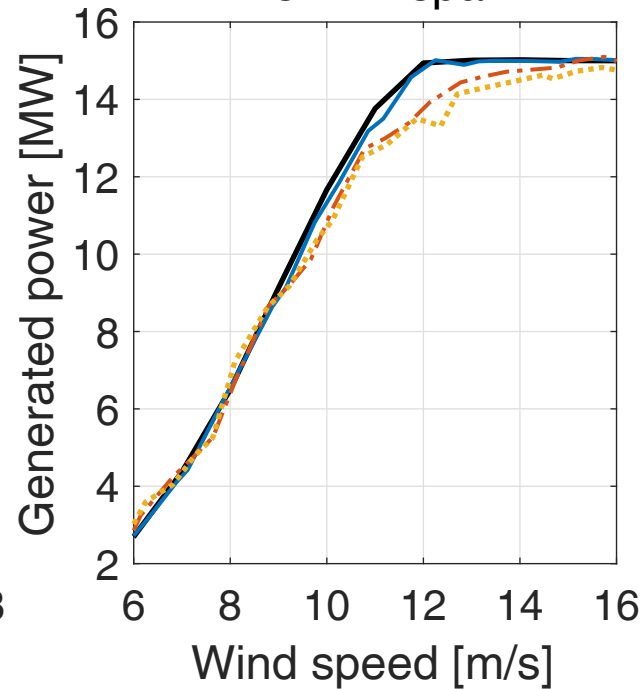
5 MW spar



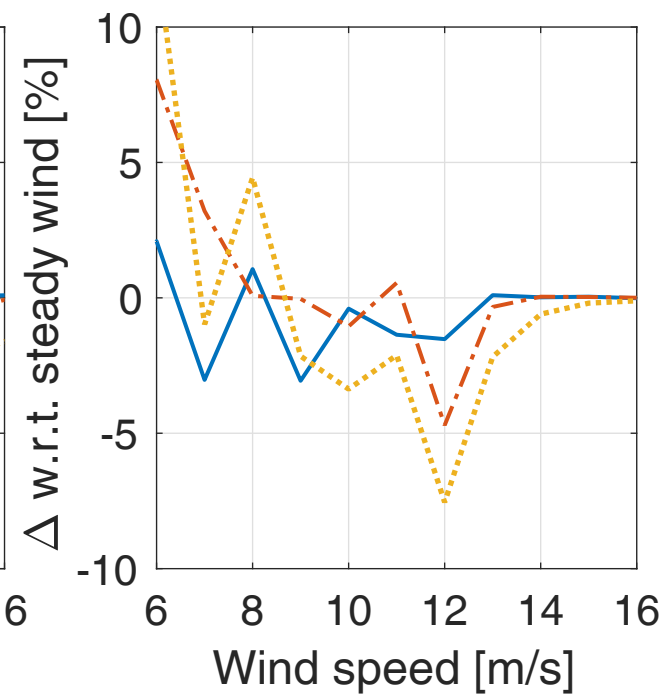
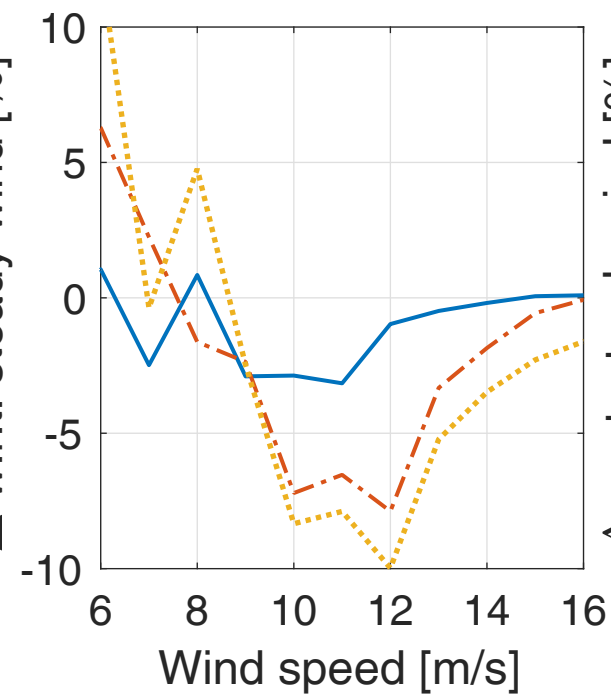
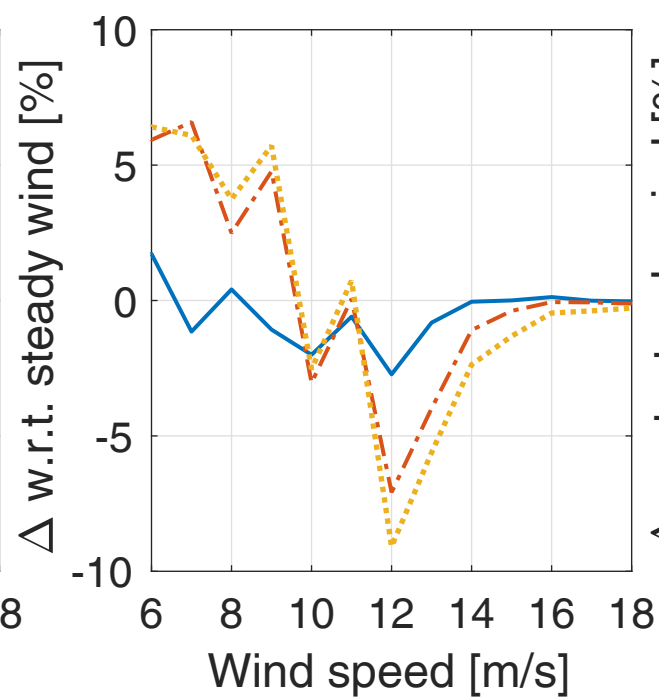
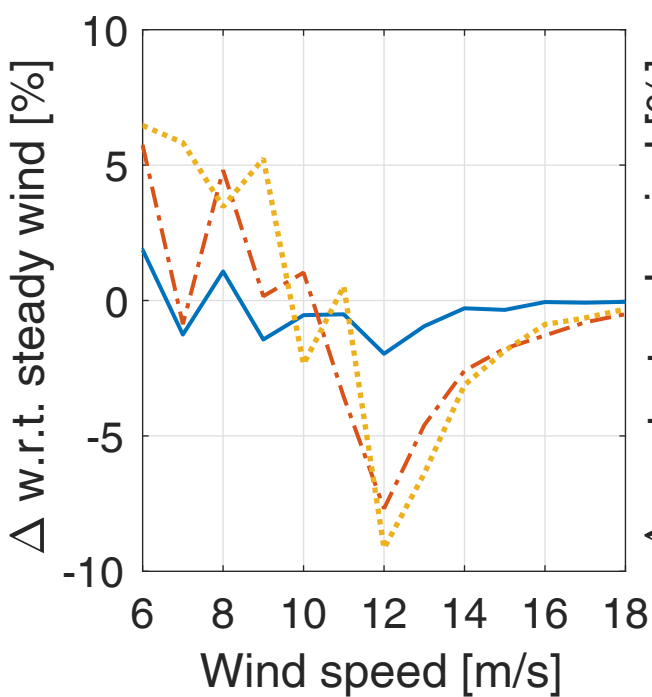
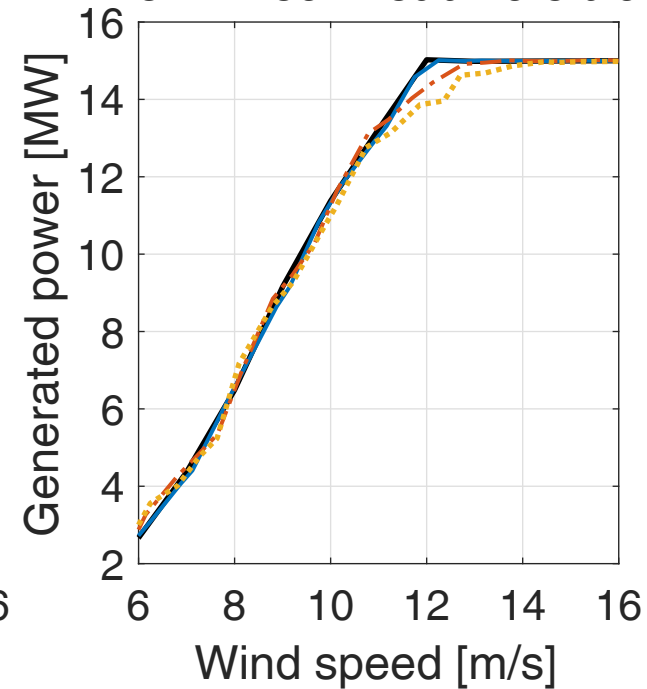
5 MW semi-submersible



15 MW spar



15 MW semi-submersible



$I_{ref} = 0$ (steady wind)
 $I_{ref} = 0.06$
 $I_{ref} = 0.12$
 $I_{ref} = 0.18$