

















Pushing Offshore Wind Energy Regions (POWER)									
Approx	ximate	e num	pers o	of peri	maner				
		struc	tures			P.O.W.E.R			
Permanent installations	5					Pashing Offshore Wod Energy Register			
Platforms									
Structure type	Fixed Structure	Compliant Tower	Guyed Tower	Tension Leg Platform	Anchored Floater	Total			
USA – Gulf of Mexico	4000	2	1	5		4000			
Central/South America	340				8	360			
Europe – North Sea	400			3	20	425			
Europe/Africa – Medit.	100				3	100			
Africa – West Coast	380				9	390			
Middle East	700					700			
Asia	950				19	975			
Australia/New Zealand						40			
Total	~ 7000	2	1	8	66	~ 7000			
					Ť	UDelft			











Pushing Offshore Wind Energy Regions (POWER)											
	Country	Online	MW	No	tripod	GBS	Monopile				
Norgersund	Sweden	1990	0.22	1	X						
Vindeby	Denmark	1991	4.95	11		Х					
Lely (ljsselmeer)	Holland	1994	2.0	4			X				
Tunø Knob	Denmark	1995	5.0	10		Х					
Dronten (ljsselmeer)	Holland	1996	16.8	28			X				
Gotland (Bockstigen)	Sweden	1997	2.75	5			X				
Blyth Offshore	UK	2000	3.8	2			X				
Middelgrunden, Copenhagen	Denmark	2001	40	20		Х					
Uttgrunden, Kalmar Sound	Sweden	2001	10.5	7			X				
Yttre Stengrund	Sweden	2001	10	5			X				
Horns Rev	Denmark	2002	160	80			X				
		Totals	256	173	1	41	132				
							<b>Ť</b> UDelf				



















![](_page_12_Figure_1.jpeg)

![](_page_13_Figure_0.jpeg)

![](_page_13_Figure_1.jpeg)

![](_page_14_Figure_0.jpeg)

![](_page_14_Picture_1.jpeg)

![](_page_15_Figure_0.jpeg)

![](_page_15_Picture_1.jpeg)

![](_page_16_Figure_0.jpeg)