

جدول يبين كمية الطاقة المتوقعة إنتاجها من التيارات البحرية – مشاريع ألفا المجيدي للطاقة مع سرعة التيارات البحرية

Country	Region	Current speed	Average Tide Height (m)	Tide Area (km ²)	Max. Capacity (mw)
Yemen	Yemen	(1.3- 2.2)	2.70	400.000	226.000
Egypt	Gulf of Suez	(1.5 - 2.5)	3	400,000	500,000
Turkey	Bosphorus	(1.5- 2.8)	Marine Currents	423.000	1.000.000
Turkey	Dardanelles	(1.4- 2.5)	Marine Currents	2.500.000	2.000.000
Oman	Hormuz	(1.5- 2.2)	Marine Currents	250.000	400.000
Morocco	Gibraltar	(1.5- 2.5)	Marine Currents	2.500.000	500.000
Greece	Greek Islands	(1.5- 2.8)	Marine Currents	2.500.000	500.000
Strait of Malacca	Malaysia	(1.4-2.2)	Marine Currents	2.500.000	1.000.000
Strait of Malacca	Indonesia	(1.4-2.2)	Marine Currents	2.500.000	1.000.000
Tiran and Sanafir Straits	Saudi Arabia	(1.5-2.7)	Marine Currents	400,000	1.000.000

	Country	Region	Average Tide Height (m)	Tide Area (km²)	Max. Capacity (mw)
1	Argentina	San Jose	5.9	-	6,800
2	Canada	Cobequid	12.4	240	5,338
		Cumberland	10.9	90	1,400
		Shepody	10.0	115	1,800
3	India	Kutch	5.3	170	900
		cambay	6.8	1,970	7,000
4	South Korea	Garolim	4.7	100	480
5	Britain	savern	7.8	450	8,640
		Marsie	6.5	61	700
		Conwy	5.2	5.5	33
6	USA	Knik Alaska	7.5	-	2,900
		Turnagain Alaska	7.5	-	6,501
7	Russia	Mezen	9.1	2,300	19,200
		Penzhinskaya	6.0	20.500	8,700
8	New Zealand	Kaipara Harbour	2.10	947	+200
9	<u>Yemen</u>	<u>Bab-el-Mandab Strait</u>	<u>2.70</u>	<u>400,000</u>	<u>226,000</u>
9	<u>Egypt</u>	<u>Gulf of Suez</u>	<u>3</u>	<u>400,000</u>	<u>500,000</u>
10	<u>Turkey</u>	<u>Bosphorus Strait</u>	<u>Marine Currents</u>	<u>423,000</u>	<u>1,000,000</u>
11		<u>Dardanelles Strait</u>	<u>Marine Currents</u>	<u>2,500,000</u>	<u>2,000,000</u>

11 Locations of CPS Installations Globally = **3072 GW** Which = **%50** OF Total Current Installed Global Grid.