# Tidal Energy

### A. Introduction

THE OCEN COMMINS A VAST

Amount OF GUERCY

KINETIL ENONLY CHENONES

POTENTIAL -> ELEVATION CHANGES
ENIGHT DUE TO TIDES

SONSIBLE -> GRADIONES IN TEMPORATIONS WITH DEPTH

QUESTION! How DO WE TAKE ADVANTAGE OF THISE ENERGY SOMECES?

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#### A. Introduction

1. Wave Energy

ENOUY IN WARDS IS LARGE
MUST ATTRACTIVE LIAMES
HONL PERIOD (~105)
LARGE AMPLIMOT (~2m)



TYPICAL PANN 13 50-70 KW/m

PARL IN A LAME IS PROPULTAME

PARLIMOE)<sup>2</sup>

~ (PORIOD)



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#### A. Introduction

1. Wave Energy

ADMINITURE
LINGUE TRUK
PACTICITABLE
PESULLE NON- CONSTAL LOAD CONTANG

CHARLENGE

STRUM IN AMPLIANCE PHASE & DIRECTION STRUM LANGES, IOX AVERACE, 100 X POWER BEST RESULUS ALL FAR OFFSHARE

WANT FACTIONALES & EXETRICITY CONCENSION FREQUENCES

SOO X DIFFERENT

SUSTAINED R&D HAS BEEN LACKING SMALL LOCAL INSTALLATING THIS MAYER SENSE