

# CASE STUDY

Ootsuda Ike Floating Solar Park - Kansai, Japan



## Project Specification

Platipus Percussion Driven Earth Anchors (PDEA®) were specified to secure this large Floating Solar System, and to help prevent any damage to the panels. This example features a 973kW floating solar park installed on an irrigation pond. The 3,744 panels cover approximately 57% of the 1.84ha (18,400m<sup>2</sup>) water surface, to minimise evaporation and to generate / supply electricity back to the grid.

## Solution

The versatility of Percussion Driven Earth Anchors (PDEA®) allows for anchoring to be carried out both underwater or on dry land with relative ease. In this case, the anchors were installed into the reservoir floor and proof tested to the specified design load, with all work being carried out from a floating pontoon. The materials used in the anchor system were designed to exceed the design life of the floating solar system to ensure a stable and secure solution for many years to come.



**Anchor System:** B6 c/w 3m x 20mm ø galvanized rod and bow nut

**Quantity:** 53

**Soil Type:** Sand

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