



Ocean Power for New England
Marine Renewable Energy Collaborative of New England, Inc.

Bourne Tidal Test Site
Rate Sheet
May 1, 2024

Standard Test – Pricing for an axial turbine, less than 3 m diameter includes pre-deployment setup costs, fee for days of testing, installation/recovery cost, NEPA surveillance, and report.

Platform Daily Usage Rate, Cumulative Days of Testing

Pre-deployment	\$5,000	Pre-deployment platform work per day, one day minimum
Days 1-5	\$4,500	Includes one service boat visit per day
Days 6-10	\$3,000	Includes two service boat visits for five days
Days 11-30	\$2,500	Includes one service boat visit per every five days
Days >30	\$2,000	Includes one service boat visit per every five days

Additional boat time at cost plus 40%.

Standard Billing Milestones

- Milestone 1: 40% of total estimated cost, invoiced at time of commitment. Dates may be changed if no conflict exists. The planning period will include one site inspection of the platform by the client, and planning for installation of client sensors and instrumentation.
- Milestone 2: 40% of total estimated cost invoiced at time of turbine deployment
- Milestone 3: Remaining charges including requested scope changes invoiced on recovery

Turbine Installation

\$20,000: One installation or recovery for axial turbines of 3 meters in diameter or less.
Cost plus 40% for other technologies.

NEPA Surveillance

\$80,000: Requirements mandate visual and acoustic monitoring; data provided to the client.

Final Report

\$10,000: Final report of turbine performance data and observations

Non Standard (Non Axial) Turbine Assessment and Permitting: \$10,000

Other Services: Actual costs plus 40% indirect charge. Estimates available upon request.

Example: Lunar cycle, 28 day test - 1 day setup (\$5,000), deploy (\$20,000), test for 28 days (5@\$4,500, 5@\$3,000, 18@\$2,500), recover (\$20,000), NEPA monitoring (\$80,000) and final report (\$10,000) = \$217,500

Contact

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Marine Observatory for Sensor Testing
MOST
Rate Sheet
1 January, 2024

Platform License Rate

Month 1, Starting with Installation	\$3,000
Month 2	\$2,000
Month 3 and all subsequent months	\$1,000

Standard Billing Milestones

- Milestone 1 Prior to Month 1, First month license fee and 30% of anticipated final costs
- Milestone 2 Prior to Month 2, Second month license fees and actuals costs to date
- Milestone X Prior to Month X, X month license fee and actuals for preceding month
- Milestone F After Final Month, All remaining costs in excess of payments to date

MOST Staff Requirements

- Power – As requested prior to test initiation
- Other – Expertise in marine and platform operations, and assistance in operations

Customer Requirements

Site Occupation – No one will operate at the site without presence of the site manager or his designated representative. Use of customer boat allowed if approved by site manager.

Instrument Operation – The installation and adjustment of any sensor or other instrumentation will be by the customer unless otherwise requested by the customer.

Safety

1. All personnel operating at the site will have basic marine safety instruction or equivalent experience certified by the site manager
2. All personnel will observe MOST safety rules and instructions of the site manager.

Additional Costs

All costs (Personnel time, boat time, special bracket fabrication, etc.) beyond license fee will be billed at actual cost plus indirect (Currently 40%). All of these will be included in the initial test price estimate and, the extent possible, approved in advance by the customer.

Example: Customer requests one month of testing with one boat trip to deploy and one to recover. First month, \$3,000; two boat trips, \$3,360 (2 x 1.4 x \$1,200); site supervisor time \$750 (2 five hour days x \$75); for a total cost of \$7,110.

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