Washington Clean Energy Testbeds Rate Structure for 2017 (Effective 7/1/17)

The Washington Clean Energy Testbeds (WCET) is a non-profit business unit within the University of Washington. WCET is mandated to charge time and materials on a cost reimbursement basis. Academic pricing is achieved through UW and state grants and subsidies. Industrial rates are set for cost recovery. Cost basis for rates is based on cost of operation divided by utilization.

**User Classifications:**

The following user classifications determine eligibility for specific rate plans:

**University of Washington and Affiliates:** University of Washington researchers or affiliate-sponsored researchers (e.g. UW APL). Candidates eligible for Academic Rates are not assessed an overhead rate as the UW overhead rates are already applied to the research grant or other internal UW funding. These users must pay with a UW budget number.

**Non-UW Academic:** Researchers employed by or with appointments at non-UW academic institutions. These candidates are eligible for the Non-UW Academic rate plus an overhead charge.

**Non-Academic:** Any employees of non-academic and non-government organizations who intend on using the WCET facility for self-directed work. These candidates are eligible for the Non-Academic rate plus an overhead charge.

**Remote:** Entities that solely seek to conduct limited scope process work that is to be conducted by WCET staff provided on a best-effort, time and materials cost reimbursement basis that includes the pro-rated hourly equipment plus engineering rate ($150/HR) and overhead. Due to the experimental nature of work, WCET cannot guarantee quality assurance in meeting all remote work specifications, but will use best-effort methods to attempt to obtain a satisfactory result for the client.

**Rate Plans:**

Two rate plan options are available to users as dictated in the user classification section. Each project/user combination must be enrolled in a rate plan. Users with multiple affiliations and projects may be in multiple differing rate plans, but all plan charges, caps, and restrictions will be addressed individually for each organization/project/user combination. Stockroom supplies and precious metals are charged at cost plus nominal overhead for all plans.
**Standard Rate Plan:** The standard rate plan offers users a la carte pricing for all services provided by WCET and its staff. This plan is intended for one-time, light, or part-time users of the facility.

**Membership Plan:** Memberships are offered to long-term heavy users, providing a fee schedule that reduces costs once the client has reached a certain amount of facilities usage. Academic members can buy annual memberships, while industrial partners are charged monthly. The membership fee provides the user with access to a hot desk, use of the classroom and meeting room at no charge, and discounted instrument usage fees.

**Subscription Services (all subject to external overhead):**

**Private Equipment Access:** Academic and industrial organizations may elect to operate and maintain private equipment within the cleanroom. Due to the wide range of equipment complexity and value to the laboratory and the resulting impact on the staff, workflow, and facilities these arrangements will be negotiated on a case-by-case basis.

**Storage Boxes:** All active on-site groups may rent a storage box for $100/month based on availability.

**Shipping:** Remote users will be assessed a fee of $30 for domestic and $50 for international shipping of samples once processing is completed.

**Policy Clarifications:**

**Fees:** Requests for billing changes must be submitted to wcet@uw.edu. Planned or equipment-related adjustments are complimentary. Adjustment requests due to repeated user negligence will be assessed an increasing change fee of $50 * N where N is the number of previous requests that calendar year. The lab systems are established in CORAL and on the exit status screen to remind users to log out of equipment. Forgetting to log off prevents other users from utilizing tools, resulting in loss of revenue.

**No Show:** User that are habitually late or do not show up for appointments will be charged staff time for the entire time blocked out for the appointment.

**Visitors:** Visitor requests must be made via the website and are assessed a $50 fee per day.

**Cleans:** Tools that require mandatory cleans are the responsibility of the user and should be factored in when considering the cost of operations. Users that do not follow the prescribed cleaning protocol will be assessed full tool plus staff time for running cleans.
### Fee Schedule:

Effective July 1, 2017. All rates are subject to change.

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<tr>
<th>Organization</th>
<th>Rate Category</th>
<th>Term</th>
<th>UW standard</th>
<th>UW member</th>
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### Building Fees

- **Equipment Space Rental**
  - Consultation required for all equipment space rentals to determine terms, $425 minimum fee

### Lab Fees

- **Lab Bench Rental (minimum)**
  - month: $850/$640
- **Hot Seats**
  - month: $200/$0
- **Dedicated Desk**
  - month: $325/$125
- **Office Space**
  - month: $450/$250
- **Extra Office Occupant (3 or more)**
  - month: $200/$200

### Meeting Room

- **Meeting Room**
  - hour: $15/$0
- **Classroom**
  - hour: $25/$0

### Equipment Fees

- **Both Rooms**
  - hour: $30/$0

### Staff Fees

- **Engineering**
  - hour: $150/$150
- **Training**
  - hour: $75/$75
- **Assistance**
  - hour: $75/$75

### Systems Integration Fees

- **Control Room PC (1 of 3)**
  - hour: $15/$7.50
  - week: $750/$375
- **Battery Stacks**
  - hour: $15/$7.50
  - week: $750/$375
- **MegaSim RTDS**
  - hour: $55/$37.50
  - week: $2,750/$1,875

### Characterization & Scale-Up Fees

### Communal Spaces

- **Glove boxes**
  - hour: $10/$7.50
- **Electrochemical Bench (Keithly, electrometers, picometers, microscope, ozone cleaner, PV/IV, etc.)**
  - hour: $15/$7.50
- **Climate Controlled Room Access**
  - hour: $20/$7.50

### Electrochemical Testing

- **Sol3A Simulator**
  - hour: $35/$22.50
- **Spire Flash Tester**
  - hour: $35/$22.50
- **Battery Cyclers**
  - hour: $10/$7.50
  - week: $500/$375

### Versastat & Parstat Potentiostats

- **Versastat & Parstat Potentiostats**
  - hour: $10/$7.50

### Arbin Coulombic Efficiency Tester

- **Arbin Coulombic Efficiency Tester**
  - hour: $35/$22.50
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<tr>
<th>Organization</th>
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