

The NewsReview

The Bio-Mass Co-gen Engine Has Arrived

BY MARILYN LEDOUX
The News Review

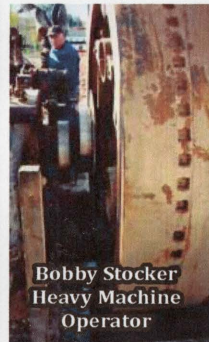
CLAREMONT, NH - The first Bio-Mass Co-Gen engine has arrived. The engine was rescued by a group of people representing engineering foundations, organizations, manufactures, private donors, historians, educators, reusable energy advocates and industrial preservationists, interested in the engine's preserverator program.

The engine will be used as the First Bio-Mass Co-Gen Demonstration Educational Site and Community Reusable Incubator Facility in the North East, maybe in the entire U.S.A.

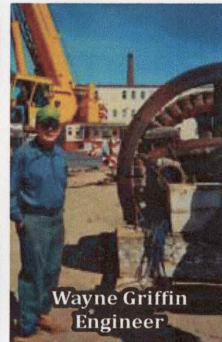
A major focus of the long-term program is to increase local small bio-mass co-gen systems in our rural community economies. These small co-gen systems will partner/ collaborate with other energy users to efficiently utilize the secondary heat. This will drastically reduce the partners overall foreign oil dependence and increase and stimulate local green energy dollars.



**Rick Rowlands
Engineer**



**Bobby Stocker
Heavy Machine
Operator**



**Wayne Griffin
Engineer**

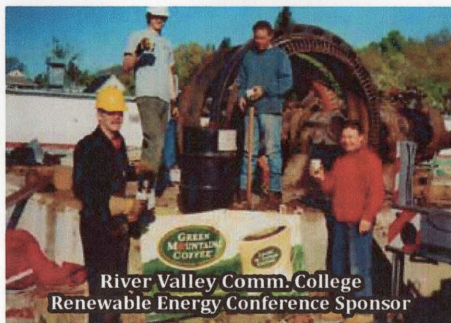
By Lori Catozzi

The massive undertaking of moving an historic biomass co-gen engine from Gardner, MA to Claremont took two years of planning, as well as a lot of help from collaborators. The project was part of the rescue efforts of engineers, educators from colleges and universities, useable energy advocates, and preservationists. What was once going to be scrapped and then melted down has now become a major educational and green energy component for the Northeast.

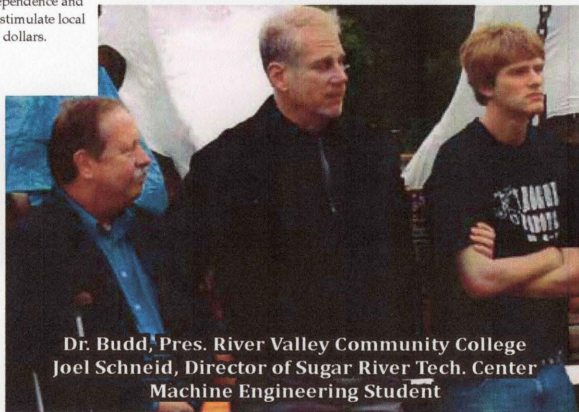
Hamshaw Lumber, Inc.



New England Wooden Ware, Major Supporter of Steam Engine Preservation



**River Valley Comm. College
Renewable Energy Conference Sponsor**



**Dr. Budd, Pres. River Valley Community College
Joel Schneid, Director of Sugar River Tech. Center
Machine Engineering Student**

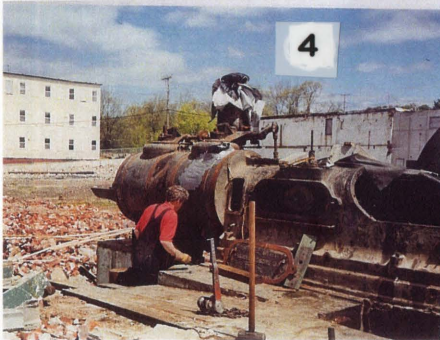
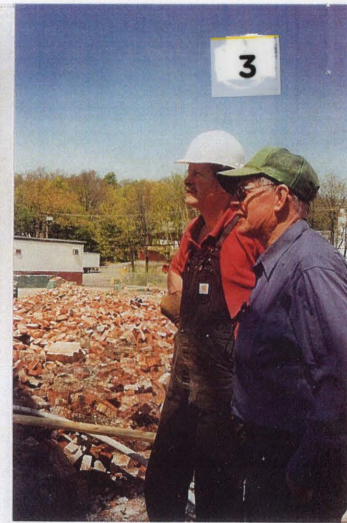
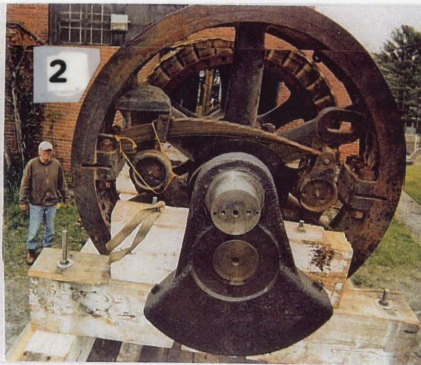
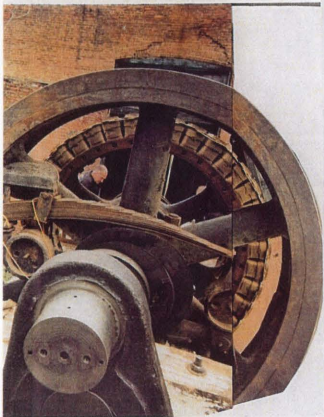


**Vic Kissell
Chair Society of Mfg. Engineers
Gerry DeMuro
N.H. Senator Molly Kelly
(edu. and tech committee)
Jay Shanks, Building Contractor**

CLAREMONT ROBOTICS TEAM # 3585



1. First stop Tidland Corp., Keene, New Hampshire.
2. Sue Richardson-Daniels, Joel Schneid, Neil Daniels at Sugar River Tech Center, Claremont.
3. Joel Schneid, Director of Sugar River Tech Ctr., Gerry DeMuro, Dr. Steve Budd, President of River Valley Community College and Scott Pope, instructor of machine tool and technology program.
4. Gerry DeMuro using jackhammer to remove bed plate in concrete.
5. Kenny Greatbatch and Gerry DeMuro developing crane lifting schedule.
6. Data Guide Cable employees, R. Bourgeois loading Hamshaw Lumber truck with 6 tons of engine parts.



1. Rick Rowlands and Bobby Stocker removing external controls.
2. Jay Shanks moving flywheel off truck.
3. Carl Bielenberg and Wayne Griffin, engineers directing the move.
4. Carl Bielenberg removing exhaust valves.
5. R.Rowlands and Gerry DeMuro locating balance point on 13 ton engine block.
6. Project Director R. Rowlands and Ship Parks removing crank shaft.