

Julian Reed has the solution to energy crisis

The name Julian Reed is a familiar name to Halton Hills residents through his efforts in fighting the Norval school issue. However, Jay Stone, reporter with the Brampton Daily Times, discovered another interesting facet of Mr. Reed's lifestyle. Following is his story.

By Jay Stone

Julian Reed has found a new weapon to battle the energy crisis—water power. He's building a hydraulic turbine in the Credit River to provide electricity to his 18-room house, once the site of a flour mill.

"It's either going to be the last or the first of its kind," Mr. Reed predicts, "depending on how it works out."

He said it is the first new power installation on the Credit since 1885.

The waterwheel will generate 90 horsepower of electricity; enough to heat his home and cut down on his \$1,500 a year oil bill.

Mr. Reed owns 100 acres at the edge of this village, including water rights to the mile of the Credit which flows through his land.

That—plus a lifelong interest in water power—puts him in a unique position to harness the river.

His great-grandfather, Robert Noble, came to Norval in 1868 and used water power to run the mill. When Mr. Reed took over the farm in 1963 he also inherited the old dam used for the mill. The dam is no longer in use, but will be revived for his project.

He plans to put gates back into the dam, let the water back up and refill an old pond once on the property. At the edge of the pond, on a creek that runs off the Credit, he is building a 20-foot high bulkhead out of stone, the first step in his hydraulic power system.

Into the bulkhead will go a four-ton Barber Bros. turbine which works on water pressure. It

is submerged in the water, and connected to a series of Victorian-looking shafts that create the power.

The electricity will run to the house along 480 feet of underground cable.

Mr. Reed, 38, scrounged the equipment from abandoned mills around the province.

"I probably know more about the location of water turbines than anyone," he says.

He began planning the project two years ago with the help of a retired electrical engineer.

Construction began in August, and the bulkhead is now 15 feet high. He hopes to complete the remaining five feet this year, and install the waterwheel next year.

Mr. Reed has had some help from his friends, who pour cement and haul stone. His family doctor comes up two or three days a week to help out, as do two airline pilots. A bank inspector friend "is one great cement mixer," he says.

Mr. Reed says the main object is to cut his heating costs, and he hopes the \$5,000 project will pay for itself in three years. He will convert his oil furnace to steam.

He describes himself as "power buff," who can't look at rushing water without thinking of the potential power.

"With the energy crisis," he said, "we should be looking at non-polluting resources like water, air and sunlight."

"Anyone who has seen water power working is fascinated by it. It's like an old steam engine—a living thing."

Mr. Reed said Ontario Hydro has bought out most small hydraulic water systems in the province, but now they may be necessary again to help fight the energy crunch.

He does not plan to convert all electrical systems in his 1820 house to water power, however.

"I'll keep the hydro connected as a redundant system."

Hydro must inspect this system, but he said it is "overbuilt" to meet its specifications.

Mr. Reed is an actor as well as a landowner, and his face is familiar from several television commercials and advertising billboards. He currently is starring in the K-W Musical Productions showing of Fiddler on the Roof, being presented in Galt.

He said the damming of the Credit will not create problems because water can spill over the top of the dam. He also plans a fish ladder so salmon can get upstream to their spawning grounds.

He sees a revival of interest in water power evidenced by the resurgence of Barber Bros.—builders of the old turbine he is using—from a small firm in Meaford to a large company in Port Colborne. Barber is the last Canadian firm to build water-powered turbines, he said, and one of two remaining in North America.

Mr. Reed said his only concern is that he wants to be left alone, and he is worried "some conservationist who can't even pronounce the name of my village will complain about what I'm doing."

He said his family has been involved in conservation for years, and his project will not disturb the ecology of the area.

His next project, he said, may be a "fun" try at a solar-powered furnace.

"I can't understand why there's not more done on these kinds of power," he said.

Many problems face downtown

The problems which crop up running a downtown business in a centre such as Georgetown are numerous. This fact was shown Wednesday night as a group of downtown businessmen and women attended the regular meeting of the Downtown Business Association in the King Wah restaurant.

Their problems were varied and yet, noted one member, all have a strong affect among the shopping public. Some of the points brought up and discussed included:

Better lighting in the municipal parking lots and in the alleyways leading from Main Street to the lots. The parking authority, the meeting was told, will be shortly doing

something to take care of that situation.

A better map of the downtown core's business community, detailing their location is necessary. The map currently used by the association, members agreed, is very poor.

The "Welcome, Bienvenue, to Georgetown" signs located on Guelph and Maple Streets near the town's outskirts need improvement. No immediate action, however, was discussed.

The old Royal Bank building at the corner of Mill and Main Streets was labelled an "eyesore" which should be cleaned up. A similar suggestion was made for the McGibbon Hotel, across the street from the bank.

A letter will be sent to the owner of the bank building asking that his property be cleaned up.

Loose garbage on the town's main streets was criticized. Giveaway papers left on doorsteps were labelled one of the main causes of the litter.

The meeting, however, ended on a bit of a smug note. The recent Halloween Night promotion of downtown Georgetown was labelled a complete success by the merchants. It will likely be repeated next year.



JULIAN REED has his own solution to the current energy crisis. Waterpower, he explains, is the answer.

NORVAL NEWS

All is ready for bazaar

Norval Guides are very busy preparing for their bazaar and tea to be held in Norval Presbyterian Church basement on Saturday afternoon December 7, from 12 to 4 p.m. There will be homemade baking sale, stuffed toys, a used games table, etc.

Prizes donated for a lucky draw are a hair wash and set from Fashion Trend, a \$5 gift certificate from Zellers and four ashtrays from Eric's Hardware.

The girls are disappointed that their bazaar will be on the same day as the Georgetown Santa Claus parade but hope people in the community will take time before and after the parade to drop in to the bazaar. Tea and coffee will be served.

Debbie Frost, leader of the guides reports that there are now 19 Guides in the group. They meet in the Presbyterian Church basement every Tuesday evening.

Norval Presbyterian Church WMS. met at the home of Mrs. Andrew McClure on Tuesday afternoon November 28 with Mrs. Lois Reed presiding and Mrs. Tom McGee as secretary. Mrs. Webber of the Brampton Presbyterian was guest speaker and gave suggestions on how to improve the meetings. She installed the new

slate of officers for the coming year: President, Mrs. Andrew McClure; first vice-president, Mrs. Harold McClure; second vice-president, Mrs. Tom McGee; Secretary, Mrs. Sam McClure; Treasurer, Mrs. Ada Duff.

Yearly reports were given by the various officers.

The roll call was answered with a sentence prayer. They were put together and later given as a prayer by Mrs. Sam McClure. The scripture lesson was read by Mrs. Clure Archekin.

For lunch each member brought a half dozen cookies the recipe Mrs. Craig McClure assisted the hostess in serving the lunch and recipes were exchanged.

The Christmas meeting will be held on Wednesday afternoon, December 11, at the home of Mrs. Hyatt McClure.

Special music was enjoyed at the church service of Norval Presbyterian Church on Sunday, December 1st. Mrs. Ina Davidson of Brampton played the piano accompanied by

Willis Jarvis with his guitar and Archie Holmes with his drums. They played several selections during the service.

All classes of the Sunday School sang together led by Mrs. Karen Carney. The choir also sang during the service.

Rev. Howard Smith gave the sermon.

Mrs. Dorothy McLean spent a couple of weeks with her daughter Irene and son-in-law, Mr. and Mrs. Clinton Handy and Michael of Cambridge (Preston) recently. Irene was in South Waterloo Hospital for a week. She and four-year-old Michael returned home with Mrs. McLean for a week and they enjoyed visiting with relatives and friends while here.

Ronald McLean of Brampton attended the Canadian Jacobin Show held at Woodstock over the weekend. Among the prizes he won with his Jacobin pigeons were five firsts, Champion Blue and Champion White.

Helping hands help others

The Georgetown Helping Hands Club continues to lend assistance to a number of local projects.

The club members met recently in the banquet room of St. George's church for their annual dinner meeting after which, in their club room at Cedarvale, they held their

regular business meeting. From the funds raised through their quilting, the club members voted to donate \$200 to the building fund of the Georgetown and District Memorial Hospital and \$100 to the Retarded Children's Fund, both of which are important, local projects.

No college in Norval

Folks in Norval will not have Sheridan College in their midst but, perhaps, a community centre. At the recent public meeting held in Norval, Halton Board of Education trustee, Tom Watson reported that Sheridan College was considering buying the old school property from the board.

But Sheridan's board of governors the night before had definitely decided not to. The board decided that any plans for a "storefront campus" in Norval would not be economical or feasible. Instead the college will continue to use

public schools in this area for its North Halton continuing education programs.

The sale of the property now lies between Halton Hills and the board of education.

No self-serve
The planning committee has denied a request from Texaco Canada Ltd. to convert what is presently a Texaco service station on Guelph Street, in Georgetown, to self-serve. The committee will advise Texaco of the two-year freeze on self-service gas stations in Halton Hills.

Notice of Application to the Ontario Municipal Board

By The Corporation of the Town of Halton Hills for approval of a by-law establishing an Urban Service Area and defining Urban Services passed pursuant to Section 14 (11) of The Municipal Act.

TAKE NOTICE that the Council of The Corporation of the Town of Halton Hills intends to apply to the Ontario Municipal Board pursuant to the provisions of Section 14 (11) of The Municipal Act for approval of a by-law 74-103 passed on the 29th day of July 1974. A copy of the by-law is furnished herewith.

ANY PERSON interested may, with 21 days after the date of this notice send by registered mail or deliver to the Clerk Administrator of The Corporation of the Town of Halton Hills notice of his objection to approval of the said by-law together with a statement of the grounds of such objection.

THE ONTARIO MUNICIPAL BOARD may approve of the said by-law but before doing so it may appoint a time and place when any objections to the by-law will be considered. Notice of any hearing that may be held will be given only to persons who have filed an objection and who have left with or delivered to the Clerk Administrator undersigned, the address to which Notice of Hearing is to be sent. The last date for filing objections will be the 27 day of December 1974.

DATED at the Town of Halton Hills this 4th day of December 1974.

G.D. PRITCHARD, Clerk Administrator
The Corporation of the Town of Halton Hills, 36 Main Street South, Georgetown, Ontario, L7G 3G4

The Corporation of the Town of Halton Hills BY-LAW NUMBER 74 - 103

A By-law to authorize an application to the Ontario Municipal Board for an Order establishing an Urban Service Area and defining Urban Services.

WHEREAS Subsection 12 of Section 14 of The Municipal Act, R.S.O. 1970 provides as follows:

The Municipal Board may, by any order made pursuant to an application under this section or by subsequent order or orders, define urban services and cost of urban services and establish and, after establishment, alter one or more urban service areas within the municipality as enlarged by an annexation or resulting from an amalgamation and determine the manner in which and upon what lands or rateable property the liabilities, in respect of urban services of any of the municipalities as they existed prior to the annexation or amalgamation or in respect of urban services in whole or in part within an urban service area, shall be discharged by the imposition of rates in an urban service area.

AND WHEREAS under the provisions of Bill 151 of the Ontario Legislature establishing the Regional Municipality of Halton, effective as of January 1st, 1974 the Town of Acton and the Town of Georgetown are amalgamated as a town-municipality bearing the name of the Corporation of the Town of Halton Hills, and those portions of the Township of Esqueving and the Town of Oakville, which said portions are more particularly described in Subsection (d) of Section 2 of the said Bill, are annexed to such Town.

AND WHEREAS the land referred to in the next preceding recital is a rural area;

AND WHEREAS the Council of the said Town recognizes that certain urban services will not be available to the said annexed portion for a period of time, and therefore deems it desirable to have an Urban Service Area established and Urban Services defined;

NOW, therefore the council of the Corporation of the Town of Halton Hills enacts as follows:

1. That an application to the Ontario Municipal Board, under the provisions of the above recited section of The Municipal Act, for an Order establishing an Urban Service Area in the Town of Halton Hills and defining Urban Services, be and the same is hereby approved and authorized.

2. That the said application shall indicate that the Urban Service Area be the Corporation of the Town of Halton Hills save and except that portion of the Township of Esqueving and the Town of Oakville annexed to the Town of Halton Hills under Bill 151 above recited and more particularly described in Subsection (d) of Section 2 of the said Bill.

3. That the said application shall indicate that Urban Services be defined as Street Lighting, Garbage, Crossing Guards, Sanitary Sewage Disposal and Sanitary Sewer Maintenance, and further that the cost of such Urban Services shall be charged to the Urban Service Area only.

READ A FIRST and SECOND TIME this 29 day of July, 1974.

TOM J. HILL
Mayor

DELMAR FRENCH
Deputy-Clerk

READ A THIRD TIME and finally passed this 29 day of July, 1974.

TOM J. HILL
Mayor

DELMAR FRENCH
Deputy-Clerk

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