



Steven

Ministry of the
Attorney
General

Crown Law Office
Civil Law

416/965-4403

17th Floor
18 King Street East
Toronto, Ontario
M5C 1C5

Please Refer to File

February 20, 1986

RECEIVED FEB 21 1986

No. 110885

Mr. Steven Shrybman
Canadian Environmental Law Association
243 Queen Street West
4th Floor
Toronto, Ontario
M5V 1Z4

Dear Sir:

Re: Petitions of the Corp. of the City of Kanata, the Kanata
Citizens Task Force, The Hydro Consumers Association,
J. W. Stonier and Carl Ashton, William Davidson and
A. William Jones
- Ontario Hydro Eastern Ontario Transmission System Expansion

You should by now have received a copy of the reply of:

- 1) The Regional Municipality of Ottawa-Carleton;
- 2) The Township of Goulbourn;
- 3) Douglas MacDonald Dev. Corp. & Urbandale Realty Corp;
- 4) Ministry of Energy;
- 5) Ontario Hydro;
- 6) Dr. Lois K. Smith.

We enclose the following replies received from participants at the hearing:

- 1) Reply by Norman Freeman;
- 2) Reply by A. J. Shoemakers ;
- 3) Reply by Rita Burtch;
- 4) Reply by the Nepean Hydro Commission;
- 5) Reply by Joan Flewellyn;
- 6) Reply by Mr. & Mrs. Khan;
- 7) Reply by Gloucester Hydro;
- 8) Reply by Kanata Hydro;
- 9) Reply by the Ontario Federation of Agriculture;

../2...

- 10) Reply by the National Capital Commission;
- 11) Reply by Thomas Taal;
- 12) Reply by Ron McCoy.

We will assume unless you file a reply to the replies within the next few days that you do not intend to make any further reply.

Yours very truly,

T. W. Lane /af

T. W. Lane
Solicitor

Encs.

TWL:af



National Capital Commission
Office of the Chairman

Commission de la Capitale nationale
Cabinet du Président

264

January 31, 1986

EXECUTIVE COUNCIL
OFFICE

FEB 5 1986

Clerk of the Executive Council
Legislative Buildings
Room 481
Queen's Park
Toronto, Ontario
M7A 1A1

Dear Sir/Madam:

The purpose of this letter is to reiterate the position of the National Capital Commission regarding the petitions to Cabinet for the Ontario Hydro Eastern Ontario proposed transmission line route referred to as 2A in the Reasons for Decision, Route Stage (West Section).

The petitions of the Corporation of the City of Kanata and the Kanata Citizens' Task Force purport that this Commission supports the 2A alignment. In actuality the Commission did not issue a statement of support for the 2A route but rather agreed not to object to the 2A route.

The Commission would prefer that the negative impact of the proposed hydroline corridor on the Greenbelt's Stony Swamp Conservation Area be kept to a minimum. The Greenbelt portion of the route approved by the Board, which is the same as the Greenbelt portion of Ontario Hydro's recommended route, has been agreed to in principle by the Commission. The NCC has agreed to this alignment because it parallels an existing hydroline and avoids the creation of another separate easement through the Greenbelt.

Yours sincerely,

Jean E. Pigott
Chairman

161 Laurier Ave. West
Ottawa-Hull
Canada
K1P 6J6

161, avenue Laurier ouest
Ottawa-Hull
Canada
K1P 6J6

Canada

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AND TWO (2) COPIES TO:

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THE HONOURABLE LIEUTENANT GOVERNOR IN COUNCIL

IN THE MATTER OF Section 2 and 3 of the
Consolidated Hearings Act, 1981 c.20.

- and -

IN THE MATTER OF Section 12(2) and (3) of the
Environmental Assessment Act (R.S.O. 1980 c.140)

- and -

IN THE MATTER of Sections 6, 7 and 8 of the
Expropriations Act (R.S.O. 1980, c.148)

- and -

IN THE MATTER OF an undertaking of Ontario Hydro
consisting of the planning of, selection of
locations for, acquisition of property rights
for, and the design, construction, operation and
maintenance of additional bulk electricity

system facilities in eastern Ontario consisting of switching and transformer stations, communications and control facilities, transmission lines and related facilities.

RESPONSE TO PETITIONS

This is a Response to Petitions to your Honour pursuant to the Decision handed down by the Joint Board relative to the Ontario Hydro Eastern Ontario Transmission System Expansion, Route Stage (West Section) dated November 4th, 1985.

This Response is submitted by the Ontario Federation of Agriculture on behalf of the agricultural community of Goulbourn Township and the Ottawa Federation of Agriculture.

In Response to the Petitions filed by the City of Kanata, the Kanata Citizen's Task Force and jointly by Mr. C. Ashton, William Davidson and Mr. A. Jones to set aside or rescind the Decision of the Joint Board of November 4th, 1985,

and approve the route proposed by the City of Kanata, the Ontario Federation of Agriculture respectfully submits that the Joint Board Decision date November 4th, 1985, be confirmed.

The Ontario Federation of Agriculture continues to support the Joint Board's decision that additional transmission facilities are urgently needed to support the electrical load growth of the National Capital Region.

We also accept as fact that the Joint Board, in its Decision dated November 4, 1985, denied approval of Ontario hydro's Recommended Route to locate a new transmission route diagonally across the community known as Bridlewood, and approved an alternative that would utilize an existing route presently occupied in part by a 230kV transmission line which existed prior to Bridlewood residential development and which will continue to exist adjacent to abutting residences whether or not the Decision is confirmed.

Further, we agree that the City of Kanata's route proposal would have the least visual impact on community residences by locating the facilities on the community's and City's southern boundary.

And Further, we accept the City of Kanata's position as fact that the area is planned for major population growth from the present 27,000 to 100,000 and that the Bridlewood community area will accommodate a proportion of this planned growth.

In Response to the Petitions filed, we would submit and it is a fact that:

1. The planned expansion of transmission facilities is directly related to major urban growth in the National Capital Region including the City of Kanata.
2. The planned expansion can be accommodated within an existing hydro right-of-way without fragmenting the neighbouring agricultural community.
3. The existing corridor occupied by a single tower 230kV transmission system was acquired by Ontario Hydro for multi-line high voltage transmission and was constructed and operational prior to Bridlewood residential development.

4. It is submitted that the statement by the Kanata Citizen's Task Force that the planned development will be built over existing residences and a future school is untrue. All parties know Ontario Hydro restricts building within any corridor and as such a community school building would not be permitted to be constructed within the existing corridor. Further, no Bridlewood residences exist within the existing corridor nor are any Bridlewood residences located within the corridor needed to accommodate planned expansion.
5. There is no evidence to support the contention that there is a risk to health due to exposure to high voltage fields.
6. It is submitted and it is a fact, that Ontario Hydro compensation policies will address any real property losses incurred as a result of transmission expansion including property devaluation.
7. It is submitted and it is a fact, that the City of Kanata's proposal will result in significant and unnecessary impact on the neighbouring agricultural community.

8. It is submitted that anticipated visual impacts which would be in addition to current impacts associated with the existing high voltage 230kV transmission line are of a minor and limited nature.

In appearing before the Joint Board, the Ontario Federation of Agriculture argued that:

1. The community of Bridlewood was planned and developed with the full knowledge that an existing high voltage transmission corridor impacted on the area and it is further submitted that City planners knew or ought to have known that the corridor was acquired by Ontario Hydro for additional high voltage line facilities. And further, city planners approved residential development abutting the corridor knew or ought to have known the potential for further high voltage transmission development. Therefore, submissions that argue or imply that the existing corridor and use is not a fundamental component of the community or is out of character with the community ignore the role and responsibility of municipal planning and development authorities.

2. That the corridor is of sufficient width to accommodate planned high voltage expansion without requiring additional right-of-way property through the Bridlewood community.
3. That Bridlewood residents adjacent to or in proximity to the existing high voltage 230kV corridor purchased their homes as willing buyers and with full knowledge of the existence of high voltage line facilities in their community.
4. The Bridlewood community presently utilizes the high voltage corridor as a playground and community walkway.

The Ontario Federation of Agriculture submits that the Decision of the Joint Board has the advantage of:

1. Utilizing an existing high voltage transmission corridor without impacting on the neighbouring agricultural community of the Township of Goulbourn.
2. Minimizing further fragmentation of the Bridlewood community by a third corridor and a second high voltage hydro transmission corridor.

3. Minimizing the need to acquire productive agricultural land.
4. Being supported by the farming community of the Township of Goulbourn and the Ottawa Federation of Agriculture.
5. Being supported by the Township of Goulbourn.

It is the conclusion of the Ontario Federation of Agriculture, that the Joint Board acted reasonably and fairly in judging the merits of all submissions. The Joint Board acted with due concern and interest in examining all options presented.

We submit that the Joint Board adequately and reasonably weighed the trade-offs involved in the final route solution. We submit that the Decision minimizes the impacts on the Bridlewood community by utilizing an existing high voltage corridor and protects the agricultural community of the Township of Goulbourn from unnecessary fragmentation.

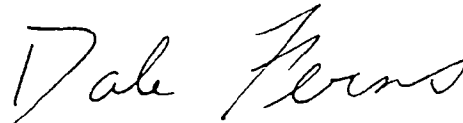
For all the foregoing reasons, we ask:

1. That the Honourable Lieutenant Governor in Council confirm the Decision of the Joint Board regarding the Ontario Hydro Eastern Ontario Transmission Expansion, Route State (West Section) dated November 4th, 1985.

2. ALL OF WHICH IS RESPECTFULLY SUBMITTED THIS 28TH DAY OF JANUARY, 1986.

The Corporation of the City of
Kanata

The Ontario Federation of
Agriculture



D. Ferns
Manager, Environmental Affairs



KANATA HYDRO

P.O. BOX 13238, KANATA, ONTARIO
K2K 1X4
TELEPHONE (613) 592-4102
Kanata Hydro-Electric Commission

VIA COURIER

January 31, 1986

Clerk of the Executive Council,
Room 481
Legislative Building,
Queen's Park
Toronto, Ontario
M7A 1A1

Petitions to Cabinet re Ontario Hydro Eastern Ontario
Transmission Line

RE: Petitions of the Corp. of the City of Kanata, the Kanata
Citizens Task Force, The Hydro Consumers Association, J.W.
Stonier and Carl Ashton, William Davidson and A. William
Jones
-Ontario Hydro Eastern Ontario Transmission System Expansion

Dear Sir/Madam:

As a previous "participant" at the Joint Board hearing, Kanata
Hydro would appreciate this opportunity to reiterate its strong
support for the need of Ontario Hydro's proposed facilities and
the concerns of the petitioners.

As expressed in earlier testimony, there exists an urgent need
within the Ottawa-Carleton area for additional transmission
capacity. The area is experiencing growth in electricity use
which is above provincial averages and existing facilities can no
longer offer the degree of reliability of supply that
electricity customers have grown to expect, or indeed deserve.
The economic impact that results from interruptions in the supply
of electricity, and the current state of supply to the area,
supports the expeditious approval for Ontario Hydro to proceed
with the project.

Kanata Hydro commends the responsible manner in which the
community has recognized this need, and then proceeded to
develop a proposed routing for the towers that would, in their
opinion, minimize the visual impact on the community.

The community has not suggested that the transmission line be
built in some other community or city or township, but has
evaluated, from the perspective of those who live in the
community, the routing which they believe will impact the least
on aesthetics and the future development of their community.

....cont'd/

Kanata Hydro makes every effort in considering the aesthetics of its own distribution lines on the community and strongly support the petitioner's suggested routing of Ontario Hydro's proposed transmission line.

Yours truly,

A handwritten signature in black ink, appearing to read 'G. Cluff', written in a cursive style.

Guy C. Cluff, P. Eng.,
General Manager/Chief Engineer
Kanata Hydro

/bjm

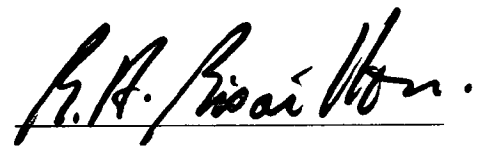
PETITIONS TO CABINET
RE ONTARIO HYDRO
EASTERN ONTARIO TRANSMISSION LINE

The Hydro-Electric Commission of the City of Gloucester has serious concerns that further delays attributable to the above petitions may accrue in constructing additional transmission facilities in Eastern Ontario.

For several years Gloucester Hydro in co-operation with other eastern Ontario utilities and Ontario Hydro has insofar as possible controlled load growth in order to minimize the adverse effect of increasing loads upon existing facilities. Such action by the suppliers of an essential service may be acceptable in the short term given the existing situation and public concerns, but in the long term it is neither justified nor desirable and certainly not commendable.

This project is already one and a half months behind the current schedule and Gloucester Hydro wishes to go on record as being opposed to further delays. A fair hearing has been given all proponents and the over-riding concern now is to get the transmission facility in place in order to improve the security and reliability of the electrical supply to eastern Ontario.

On this basis Gloucester Hydro is opposed to the Petitions of the Corporation of the City of Kanata, the Kanata Citizens Task Force, the Hydro Consumers Association, J.W. Stonier and Carl Ashton, William Davidson and A. William Jones.



R.A. Bisailon, Chairman

JAN 31 1986

BEAMENT, GREEN, YORK, MANTON

BARRISTERS & SOLICITORS

FOURTEENTH FLOOR
155 QUEEN STREET
OTTAWA, CANADA
K1P 6L1

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*ALSO MEMBER OF THE BAR OF QUEBEC

COUNSEL: G.E. BEAMENT, LL.D., Q.C.

Ottawa, 30th January 1986

BY COURIER

Ministry of the Attorney General
Crown Law Office
Civil Law Section
17th Floor
18 King Street East
Toronto, Ontario
M5C 1C5

Attention Mr. T. W. Lane

Dear Sirs:

Re: File No. 110 304
Eastern Ontario Hydro Transmission
Line System Expansion, our file JRR-8796


Please be advised that we have been retained by Mr. and Mrs. Khan who reside at R. R. #3, Stittsville, Ontario, and whose property is located in the Township of Goulbourn, being composed of the west half of Lot 23, Concession 7. We understand from meeting with a representative of Ontario Hydro that the above noted transmission line is presently scheduled to cross the Khans' land. At no time have Khans received any formal, or indeed informal, notification of any of the hearings resulting in the Joint Board decision. I understand from discussing this matter with Ontario Hydro officials that the Joint Board decision was made in November of 1985 and that the appeal period would have expired on 2nd December, 1985. Nonetheless, our clients wish to appeal the Joint Board decision and we understand that this matter will go before Cabinet some time after 31st January, 1986.

Therefore please find enclosed an application which we would ask be put before Cabinet for their consideration in this matter.

Yours very truly



John R. Read



JRR:LD

Encl.

IN THE MATTER OF the Ontario Hydro Eastern Ontario
Hydro Transmission Line System Expansion

AND IN THE MATTER OF property described as ALL AND
SINGULAR those lands and premises in the Township
of Goulbourn, in the Regional Municipality of
Ottawa-Carleton and being composed of the west half
of Lot 23, Concession 7, in the said Township of
Goulbourn; SAVE AND EXCEPT Parts 1 and 2 on
Reference Plan registered in the Registry Division of
Ottawa-Carleton No. 5 as No. 5R-9022

Mr. and Mrs. Khan purchased this property in March of
1985 and subsequently built their home on the property. We
understand that the proposed hydro transmission line will pass
along the boundary of their land and from the total frontage of
794 feet, 426 feet is scheduled to be taken for the transmission
line.

We understand that no lands are to be taken from the
property lying to the west of the Kahns' property which is described
as Part 1 on Plan 5R-2761, Lot 22, Concession 7, in the Township of
Goulbourn. As a result of the proposed dissection of their property
the use to which the Khans intended to put the property is almost
eliminated.

They are proposing that the transmission line be moved so
that one-half of the line will be on their property and one-half of
the line will be on Lot 22. By moving the line in this way, the
integrity and direction of the hydro line is maintained and yet the
Khans' property will be partially preserved.

This application is being made to the Lieutenant-Governor
in Council for its consideration in the appeal of this matter.

Date: 30th January 1986

BEAMENT, GREEN, YORK, MANTON
14th Floor, 155 Queen Street
Ottawa, Ontario, K1P 6L1
(613) 238-2229 - JOHN R. READ
Solicitors for Tajammul Sultan
Ahmed Khan and Shahida Musarrat Khar
R. R. #3
Stittsville, Ontario, K0A3G0

the hydro-electric commission of the city of nepean

1970 merivale road
box 5153, station 'F'
nepean, ontario
K2C 3G2
telephone — (613) 225-0101



MARTIN J. MONTAGUE — *Chairman*
ED LAUER — *Vice Chairman*
MERVYN F. SULLIVAN — *Commissioner*
Mayor BEN FRANKLIN — *Commissioner*
KATHY GREINER — *Commissioner*

JAN 22 1986

PETITIONS TO CABINET RE ONTARIO HYDRO
EASTERN ONTARIO TRANSMISSION LINE

January 14, 1986

Mr David Peterson, Premier
QUEEN'S PARK
TORONTO, ONTARIO.

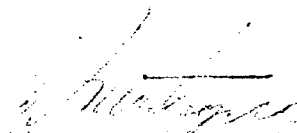
RE: PETITIONS OF THE CORP. OF THE CITY OF KANATA, THE KANATA
CITIZENS TASK FORCE, THE HYDRO CONSUMERS ASSOCIATION,
J W STONIER AND CARL ASHTON, WILLIAM DAVIDSON AND A WILLIAM
JONES -
ONTARIO HYDRO EASTERN ONTARIO TRANSMISSION SYSTEM EXPANSION

Dear Premier Peterson:

Reference is made to the letter of December 20, 1985 from T W Lane of the Ministry of the Attorney General, notifying us of the above mentioned petitions that were filed with the Executive Council Office.

We request that this matter be resolved as quickly as possible because of the over riding need for this line. The electrical load in Eastern Ontario is growing even faster than anticipated. The electrical load in Nepean this December was more than 10 per cent greater than last December and it is vital to the well being of the residents and businesses of this area that construction of these lines commence as soon as possible.

Yours truly,


Martin J Montague, Chairman
NEPEAN HYDRO COMMISSION

:bjh

RECEIVED
006 JAN 22 AM 9:11
OFFICE OF THE PREMIER
TORONTO ONT.

the hydro-electric commission of the city of nepean

JAN 21 1986

10

1970 merivale road
box 5153, station 'F'
nepean, ontario
K2C 3G2
telephone — (613) 225-0101



MARTIN J. MONTAGUE — *Chairman*
ED LAUER — *Vice Chairman*
MERVYN F. SULLIVAN — *Commissioner*
Mayor BEN FRANKLIN — *Commissioner*
KATHY GREINER — *Commissioner*

PETITIONS TO CABINET RE ONTARIO HYDRO
EASTERN ONTARIO TRANSMISSION LINE

January 16, 1986

Mr T W Lane
MINISTRY OF ATTORNEY GENERAL
17th Floor
18 King Street East
TORONTO, ONTARIO.
M5C 1C5

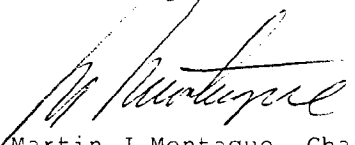
RE: FILE #110304
PETITIONS OF THE CORP. OF THE CITY OF KANATA, THE KANATA
CITIZENS TASK FORCE, THE HYDRO CONSUMERS ASSOCIATION,
J W STONIER AND CARL ASHTON, WILLIAM DAVIDSON AND A WILLIAM
JONES -
ONTARIO HYDRO EASTERN ONTARIO TRANSMISSION SYSTEM EXPANSION

Dear Mr Lane:

Reference is made to your letter of December 20, 1985, notifying us of the above mentioned petitions that were filed with the Executive Council Office.

Please consider this a formal representation. We request that this matter be resolved as quickly as possible because of the over riding need for this line. The electrical load in Eastern Ontario is growing even faster than anticipated. The electrical load in Nepean this December was more than 10 per cent greater than last December and it is vital to the well being of the residents and businesses of this area that construction of these lines commence as soon as possible.

Yours truly,


Martin J Montague, Chairman
NEPEAN HYDRO COMMISSION.

:bjh

Handwritten signature/initials

Petition to Cabinet re: Ontario Hydro Eastern Ontario Transmission Line

January 10, 1986

Members of Cabinet:

I am a retired civil servant, sixty four years old, mother and grandmother, deeply concerned with the social changes that must take place if we are to survive the nuclear age.

I oppose the construction of an Eastern Ontario Transmission line because, like many residents of this area, I believe it is unnecessary and unwanted by the people of Eastern Ontario. Those who have openly opposed it have been denied the funds to conduct an independent study that may have proved this. Instead they were provided an opportunity to address a Joint Hearing Board that has no power to reverse a decision already made by Ontario Hydro! I considered the hearings an exercise in futility and the campaign by Ontario Hydro to promote this project, at the expense of Ontario taxpayers, an act of irresponsibility.

However, with a new government in place, one that has promised to make Ontario Hydro accountable, and with this invitation to make representation to Cabinet, my faith in democracy is somewhat restored. The proposed transmission line would not cross on or near my property. Rather, the considerations that led me to oppose these transmission lines and to prepare my petition against them are as follows:

1. The enormous debt already levied on the people of Ontario by Hydro's reckless spending and unlimited access to the provincial treasury allowed by the former government.

Ontario Hydro has consistently over-estimated energy needs and continues to build costly, inefficient generating stations. A prime example is the Lennox Generating Station, which has stood idle since it was built and which Hydro now seeks to justify by stringing these monstrous towers across the pastoral landscape of Eastern Ontario.

We are told our energy rates are among the lowest but we are being deceived! When the final accounting comes and we are called upon to pay the actual costs, the truth will hurt us all. Prices to the consumer are being purposely kept low so that projects like Darlington and the Eastern Ontario Transmission Line may proceed unhindered. We are threatened with black-outs if we do not consent to the building of these unsightly towers while 40% of Ontario Hydro's generating capacity stands idle and excess power is being exported to the United States at rates lower than our own. Ontario's "triple A" credit rating in the U.S. has been lost due to the tremendous deficit created by Ontario Hydro. Excessive borrowing and the negative nature of Ontario Hydro's assets, in fact, indicate a state of bankruptcy. As a result of this enormous drain on our tax funds the Ontario government has been forced to lower educational standards and seriously cut back on essential social services.

2. Ontario Hydro's decision to go nuclear has created a potential health hazard for ourselves and for future generations - one that we do not now and may never know how to deal with. Thousands of tons of

ms...

radioactive materials are being placed in temporary storage while a "safe" method of permanent storage is being considered. Uranium mine tailings may even now be leaking into our Great Lakes system. Nuclear power generation has also involved us in the arms race as waste is sold to be refined into material for American nuclear weapons. Eastern Ontario is particularly vulnerable to possible disaster since these shipments pass through our area on their way to U.S. refineries. Further involvement is intended with the completion of Darlington when the production of tritium will be enormously increased for export around the world. Tritium is a necessary component for the triggering mechanisms of nuclear weapons. Since Canada claims to be a peace-making nation and Canadians voted overwhelmingly for nuclear disarmament in referenda held across the country, this action by Ontario Hydro is clearly contrary to the demonstrated will of the Canadian people.

3. The practice by Ontario Hydro of promoting excessive consumption rather than conservation of non-renewable resources is irresponsible. As a concerned citizen I am offended by a public institution that encourages mismanagement of these resources rather than conservation and the development of renewable energy. The Greens have a motto - "we do not inherit the Earth from our parents - we borrow it from our children". I am proud to share this belief. As custodians of this planet we must challenge those who are guilty of mismanagement and abuse of the environment. Ontario Hydro is a major offender. Somehow it has managed to exempt itself from Ontario's Environmental Assessment Act, which is designed to protect the environment from further exploitation. Only one avenue remains open, the Planning Act, whereby municipalities do have a say regarding transmission corridors. Therefore, it is our express responsibility to protest the construction of the Eastern Ontario Transmission Line in order to halt the wilful destruction of the environment.

4. The lack of action by the United States on acid rain is also apparently due to Ontario Hydro. When pressed for action the Americans simply point their fingers at Ontario Hydro's flagrant disregard of government restrictions and we are made to look ridiculous.

5. With appropriate technology Ontario Hydro could lead the way to a sane, humane and ecologically sustainable future. Smaller, more efficient, cost-effective generating plants can be built in two to three years and can be regulated to suit requirements. As it stands today, Ontario taxpayers can no longer afford Ontario Hydro - financially or ecologically.

As one of the thousands of concerned Ontarians, many of whom voted for the Liberals because they promised to make Ontario Hydro accountable, or for the New Democrats who went even further and promised to close Darlington, I call on this Cabinet to have the courage of their convictions and the political will to bring Ontario Hydro back under the control of the people of Ontario. In the past our elected representatives have been powerless in their attempts to make Ontario Hydro accountable. There is reason to expect better of this government, who can act secure in the knowledge that they have the support of all

those who are committed to an alternative energy path for Ontario.

The break-up of this uncontrolled monopoly would shift responsibility for rate-setting and major capital expenditures to the municipalities, therefore enabling the consumer to have direct control over conservation and the preservation of our environment. As individuals we must all be involved in decisions that profoundly affect our lives and those of future generations - the responsibility is ours.

In view of these considerations I propose that construction of the Eastern Ontario Transmission Lines and all other Ontario Hydro projects be put on hold until Ontario Hydro's accountability to the people of Ontario is established.

Thank You,

Sita A. Burtch.

The information portrayed in the above representation was arrived at through my personal observations over the past ten years and through being a supporter of Energy Probe and my association with other concerned citizens.

Appeal Against proposed Ontario Hydro Transmission Line Kingston to
Ottawa

January 10, 1986

Members of Cabinet:

I am writing this in support of the petition of Rita Burtch against these transmission lines in particular and Ontario Hydro in general. I am a professional engineer with twelve years experience in energy conservation, in industry and as a consultant. I have lived in Kingston for the last ten years.

I am about to present figures which indicate that lower cost, environmentally sound alternatives to Hydro's nuclear expansion program and these transmission lines do exist. I hope you find these informative and believable because unfortunately they are accurate and constitute an incredible indictment of Ontario Hydro's past performance and present aims.

Capital Cost to Install (or Save) One Peak Kilowatt at the Customer's Meter (Roughly in order of increasing cost - 1984 dollars).

	\$/kilowatt
Weather Stripping, Caulking	10-30
First 6" of Attic Insulation R20	50
Insulate Basement R14	50-200
Ecology House Retrofit (1980 \$)	210
Replace Standard Oil or Gas Furnace with High Efficiency Condensing Furnace	250
Blow Insulation into 4" Stud Wall R14	200-300
New Super Insulated Construction instead of New Standard Code	500
Second 6" of Attic Insulation R20-R40	530
Superinsulation Retrofit R14-R40	500-1000
Industrial Co-generation	500-2000
Third 6" of Attic Insulation R40-R60	1530
Central Generating Capacity at Station Gate Assuming 100% Output	
- Darlington Initial Estimate	1220
- Typical Nuclear and Coal	2000-3000

- Darlington Current Estimate	3200
- To Complete Darlington Only	1160

Darlington Total Costs 80% Load Factor 10% Transmission Losses (not including fuel cycle, shut down costs, etc.)	5000
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Transmission Lines Only	500-1000*
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* These are typical. Unfortunately I don't have costs & capacity of this particular line from Kingston to Ottawa.

Cost of Delivered Energy (in 1984 dollars)

	\$/million BTU	c/kWhr
Electricity from Existing Hydro	1.6	0.56
Heat from Condensing Gas Furnace	6.0	2.0
Heat from Standard Gas Furnace	8.6	2.9
Electrical Co-generation from Gas	7.0-9.0	2.4-3.1
Electricity - Kingston PUC	12.1	4.1
Heat from Standard Oil Furnace	15.8	5.4
Electricity from Darlington	35-50	11.9-17.4

NOTES: (1) Conservation is competitive with all of the above systems.

(2) This list neglects many viable alternative energy systems.

(3) Data for these calculations was extracted from the 1984 Ontario Hydro Annual Report, Kingston PUC rates, local dealer oil prices, local building material suppliers, power industry periodicals.

(4) The nuclear costs here are probably quite conservative, are based on data published by Ontario Hydro and neglect all future environmental and de-commissioning costs and any future cost escalations.

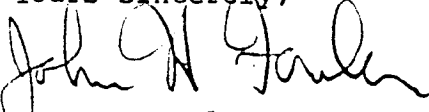
This is "our" utility which while ignoring the vast potential for conservation, co-generation and alternative energy in the Ottawa area wants to run ugly and unnecessary power lines through some of the most beautiful country in Eastern Ontario against the universal wishes of the local people. At the same time they continue to advertise electric heat in Ottawa and elsewhere. Perhaps your government will be able to bring Hydro to heel before it wreaks even more economic havoc in the province. While I hope the figures above will be helpful to you in pursuing this

goal the following references are also invaluable.

POWER AT WHAT COST by Lawrence Solomon of Energy Probe provides the best analysis I have seen of what has to change at Ontario Hydro to make it economically efficient and accountable to the public.

SOFT ENERGY PATHS by Amory Lovins is the definitive work on the relative costs of competing energy technologies.

Yours Sincerely,



John H. Fowler, P.Eng.

(8)

JAN 11 1986

1986/01/06

T. W. Lane,
Solicitor,
Ministry of the Attorney General,
Crown Law Office,
17th Floor,
18 King Street, East,
Toronto, Ontario

Dear Sir:

RE: FILE NO. 110304

EXPANSION OF ONTARIO HYDRO EASTERN TRANSMISSION LINES

The Louborough North Shore Concerned Citizens support the petition opposing the Eastern corridor.

As a group, we have been involved since June 1984. There have been many meetings with our group with Ontario Hydro and many other groups. Our group also attended and spoke at 2 Joint Board hearings in Ottawa and Battersea.

Here are some of the points of concern expressed by our group at these meetings and the Joint Board hearings.

- closeness to homes - through populated areas (400 - 500')
- sensitive water table (21 new wells - fresh water)
- use of herbicides (leaching into soil and water table)
- radio and TV reception
- real estate depreciation (\$5,000 - 10,000 per home)
- safety (children, waterfowl, livestock)
- environmental effect (visual, trees, grass)

With our many meetings with Ontario Hydro, there has never been conclusive evidence given to us that the points mentioned above will not affect us by transmission lines through our area.

If you require any further assistance or information please contact myself on behalf of the North Shore Concerned Citizens.

Respectfully submitted,

A. J. Schoenmakers

A. J. Schoenmakers,
Spokesperson,
North Shore Concerned Citizens

Handwritten notes:

T. W. Lane
For [unclear]
call [unclear]
per [unclear]

Battersea, Ontario
KOH 1HO
November 29, 1985

CABINET OFFICE

Mr. David Lewis,
Secretary to Cabinet Select Committee,
Room 361,
Main Legislative Building,
Queen's Park,
Toronto, Ontario
M7A 1A2

DEC - 4 1985

Subject: The proposed power line through Storrington Township, to be erected by Ontario Hydro along the north shore of Loughborough Lake.

Sir,

I understand that your office is receiving appeals concerning Ontario Hydro's recent route decision, and that December 2nd is the deadline for any such appeal. And to that end I state my objection: I am opposed to Hydro's chosen power corridor through Storrington Township, north of Kingston, shown on the map and referred to as the yellow route. I attended the Joint Board hearings at the Storrington Township Centre last February 11/12, 1985, and made two different presentations, being spokesman for the Battersea Loughborough Association and N.V. Freeman Sons; and on behalf of the Storrington Guides Association, the Rideau-Lakes and 1000 Islands Travel Council of this area, as well as for myself, citizen of Battersea, Ontario.

Whether electrical energy is needed in Ottawa or not, is not our concern, though Quebec's potential power supply just across the Ottawa River makes a new "power project" of this magnitude somehow questionable. And the fact that this new line is to originate at Ontario Hydro's Lennox Generating Station (near Bath) which has been in a mothball state of disuse since its completion in 1973, gives one little confidence in the present decision of people in high places...A billion dollar new power corridor from a closed-down, never-operated generating station, transgressing lands and people along a 100-mile corridor (no matter what the route) to augment the future power requirements of a major city which already has immediate power available across a small river border. One must wonder if French Canadian Quebec electrical energy is different, unfit for Super Ontario?

Allowing the fact that there is no joker in this pack of tricks to increase our province's vast power debt, then my appeal has to do with the chosen route specifically that short loop around Loughborough Lake, which in Storrington Township is virgin wilderness territory even to roads, let alone power lines.

There already is a Hydro line through south Storrington, but this route, for some mysterious (engineering) reason is avoided in the overall plan, until we get near the narrow and picturesque crossing of the Rideau Canal at Jones Falls. There the new line joins and follows the old, supposedly on to Ottawa. The south Storrington route is unacceptable until we leave Storrington?

The existing corridor line is a straight run through open country north of Kingston, and in that sense has to be the easiest and most economical route to follow. Minimal engineering problems in planning and construction, easy and open access for surveillance and maintenance, and less costly for certain, depending on tower design, than the chosen "new route" which traverses and jigs around bog and swamp, ponds and small lakes in a no-man's land of pre-cambrian rock, for a great part of its course down the shore of Loughborough Lake.

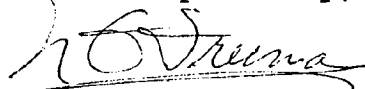
If the proposed "new line" is to go through any part of Storrington Township, it should follow and parallel the present power corridor, which does indeed cross farm land owned by me, on a straight line run to Ottawa.

Accepting the fact that this proposed new line is needed for future power security in far places, and understanding that no one wants power lines across and through farms and back yards, let alone ravishing wilderness areas and aesthetic vistas..it is my engineering opinion, that the best route should somehow circumvent the Rideau Canal completely, as the green, red and blue routes do. If distance because of added expense is the only criteria for a shorter route, then any power line is unaffordable at this time. The cheapest route should in no way be confused with the best route, no matter what the best route costs.

It is my appeal...that Ontario Hydro's chosen yellow route is not the best route, certainly not for Loughborough and Storrington Townships. And no matter what the engineering studies show in the overall plan, I am certain it is not the best route for Ontario Hydro either.

The North Shore route down and around the whole long axis of Loughborough Lake is not the best route when there are other ways to go.

Submitted Respectfully,



Norman E. Freeman, B.S.A. Ag. Eng.

c.c. Kenneth Keys, M.P.P.

Stittsville Ont
R#3 KOA 300

To
Petitions to Cabinet re
Ontario Hydro Eastern Ontario
Transmission Line

I wish to inform the cabinet of my
support for the decision of the joint
Board Hearing.

I believe that their decision was just
and correct when, after listening to
all parties concerned they concluded
that it would be incorrect to disrupt
agricultural enterprises when a
corridor already exists and marginal
land can also be used in the townships
of Goulburn and Kanata.

I believe this to be a fair and equitable
solution to the placing of the hydro
line.

Thank you
Ron McCoy

EXECUTIVE SECRET
OFFICE
SEP 3 1981

Ron McCoy

Petitions to Cabinet re Ontario Hydro Eastern Ontario
Transmission Line

EXECUTIVE COUNCIL

OFFICE

FEB 5 1986

January 25, 1986.
Taal family
48 Perrot Blvd., North
Ile Perrot, Quebec
J7V 3K1

File no. 110304

Dear Sir/Madam:

Having been participants at the Joint Board Hearings we'd like to express our views concerning the Eastern Ontario Transmission System Expansion project. In addition, we are in agreement with various issues presented by petitioners and shall elaborate on those concerning us. We have no direct involvement with these groups, but the outcome of their efforts may dictate whether we lose our land or not.

We own Lot 10, Concession VII (approx. 200 acres) and part of Lots 9 and 10, Concession VI (approx. 50 acres), in the Township of Montague. In general terms we are located about 25 minutes by car southwest of Ottawa or 9 miles west of North Gower. The purchase of this land followed a decision to secure a foothold in some other part of Canada because of the negative direction the Parti Quebecois seemed to be taking in Quebec at the beginning of their second term in office. Now, however, we may regret that decision. Also, until that time we did not have enough capital to cover such an endeavor. Our concern is not only a personal one, but a matter of principle.

In no case has there been an impartial third party engaged to verify the figures and information supplied by Ontario Hydro. Outside parties attempting to employ experts to validate all this information have been forced to pay for the costs themselves. As a matter of fact neither Ontario Hydro or the Joint Board are willing to reimburse our expenses for the public hearings and the services of a lawyer.

Alternate sources for power in the Ottawa area have not been adequately discussed. For instance, buying electricity from Quebec or adoption of the plan described as the "loft energy plan". Even the need for this large amount of energy at this time is under question.

There has not been proper research done into the long-term affects of high voltage transmission lines on humans and animals. As things stand Ontario Hydro's information letters state that there is no effect or at most a negligible effect on people. It's not hard to find experts who can prove either side of the argument. But why should we be the ones to find out?

Many of the northerly alternative routes were dropped because of poor terrain for installing towers, ie. rocky zones and wetland areas, even though these areas are less inhabited. Both Ontario Hydro and the Joint Board agreed that impact on human settlement is a major factor to be considered in an environmental assessment.

I don't think it comes as much of a surprise that Hydro-Quebec has no problem installing transmission towers in James Bay, which has exactly the same topography. Of course, the key opposing factor was the higher cost this entails. This is the same excuse Ontario Hydro presented when the suggestion of placing the transmission lines underground was proposed. It may be a higher initial cost, but the gain far outweighs the cost. In Montreal and many parts of the U.S. placing power lines underground is standard practice. The havoc created by weather (ice, rain) would be removed, decreasing shut-down time. Concurrently, the expense of repairs would be reduced.

Having worked for the past 5 years with power lines in northern Quebec I can say that I would never want to live beside two 500kv transmission lines. Our land deed states that there is one 115kv line running through it and nothing more. What is the purpose of buying real estate if it's so easily expropriated? Not only would the corridor pass very close by our cabin and location of our future house, but also by the year 2000 when all the energy requirements have been met for the forecasted population of Ottawa, then Ontario Hydro may have to consider adding a third line. At the last participation meeting a Hydro official suggested building the house on the back part of our land which is farther away from the present line, but he neglected to consider the fact that there is no road going to that section of the property and it happens to be wetter.

A report by Woods Gordon, 1981 (can be found in Ontario Hydro's 'Property and Compensation Policies' booklet) indicates that transmission lines may be more likely to lower the selling price of rural estate properties, or of lands in those areas where rural estate development is most likely to occur. Our land recently turned residential (with allowances for farming) and has even had a developer look at the prospects of a housing project. A new line will affect the long-term marketability of the property.

The Woodlands Improvement Act agreement would be affected by increasing the width of the present corridor on our property.

The Environmental Assessment Board was supposed to have had appointed members of the Royal Commission on Electrical Power Planning in order to transfer experience in electrical power planning matters to the Board, but this did not happen.

We believe the City of Kanata's petition is justified and requires further scrutiny.

Throughout the public hearings Ontario Hydro has grouped the inter-connection facilities with Hydro-Quebec together with the Eastern Ontario's Transmission plans yet there has not been an adequate assessment of the inter-connection proposals. The inter-connection project should be looked at separately.

We feel the Joint Board has become apathetic of issues important to landowners being expropriated and that there was a feeling of one-sidedness at the Public Hearings. The failure to bring in independent judgement by experts in the planning process, environmental process, electrical load analysis, etc., has brought forth a decision based on information not fully investigated, but which will drastically affect the lives of many people.

If there is any further clarification required please don't hesitate to contact us. Thank-you.

Yours sincerely,
Thomas Taal
Thomas Taal

January 22, 1986

File No. 110304

Clerk of the Executive Council
Room 421
Legislative Building
Queen's Park
Toronto, Ontario
M7A 1A1

Dear Sir/Madam:

Petitions to Cabinet re Ontario Hydro
Eastern Ontario Transmission Line

I wish to reply to the above-mentioned petitions filed with the Executive Council Office, specifically as they relate to the "Site Specific Concerns" in the City of Kanata and the Township of Goulbourn.

It is imperative that the location of the approved transmission route in these two municipalities be considered simultaneously, because the route in one municipality affects the options available in the other. Since Goulbourn is an agricultural region, and Kanata or the Bridlewood Community an urban oriented area, the concerns and objectives of the municipalities and their residents are founded on totally different criteria. Goulbourns main objective is to maintain and preserve a non renewable resource, agricultural land, while the City of Kanata wishes further development in a residential community.

I find no new evidence being submitted in the petitions to require the setting aside or rescinding of the decision of the Joint Board.

It appears the Petitioners are requesting the decision of the Joint Board be set aside because adequate regard was not given to the impact the approved route would have on the communities involved.

In the petition of the Corp. of the City of Kanata, a prime concern is the impact on human settlement of a Hydro Transmission Route directly through the Bridlewood Community, affecting both existing and future development. Two Hydro corridors and a railway line bisecting this urban community were in existence prior to the formation of the City of Kanata. When development was first undertaken in Neighbourhood Number 1 of the Bridlewood Community, planning, construction and home ownership took place adjacent to one of these existing Hydro corridors which supports a 230 kv line. It is this corridor that the Joint Board has approved for the 500 kv transmission line.

In the view of the Royal Commission on Electric Power Planning, Ontario Hydro should at all times where possible use existing rights-of-way. Evidence was presented at the Hearings (on behalf of the City of Kanata) to show that a third Hydro right-of-way would further fragment the community and adversely hamper the planning for the remainder of the vacant lands.

The Joint Board in its decision, will not create that third Hydro right-of-way to further fragment the community. Provisions have been made by the Board for appropriate mitigation action to be taken so that the visual impact with the higher poles will be no greater than at present. In accepting the Joint Board's decision the land use and policies in the approved Official Plan for the Bridlewood Community which have already integrated the two existing corridors and the railway line will still be effective, valuable planning documents for the future development of the

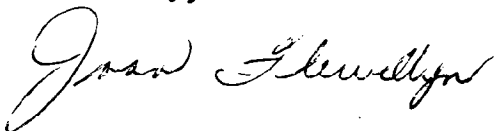
vacant lands within this Community.

Re the petition of J.W. Stonier and Carl Ashton, William Davidson and A. William Jones - Goulbourn Township; The opposition of these petitioners to the Board decision, is related to the impact on future development of more marginal lands and the effect on home and lives of present property owners. I appreciate the concerns of the Petitioners and recognize that they are in an unenviable position in owning property adjacent to more productive agricultural land. However to accept the original preferred Hydro route running east of the Shea Road, midway between concession 9 and 10, bisecting approximately 1000 acres of prime agricultural land, alienates all of the principles in the planning documents of the Township of Goulbourn. The Township recognizes that Agriculture is a major industry and that agricultural land (a non-renewable resource) is one of its major assets and must be protected.

The Joint Board has fulfilled its mandate to hear, and make a decision on the evidence presented by the parties, participants and their Counsel. In considering this evidence, they have made a firm, thoughtful commitment to the final impact of a 500 kv Hydro Transmission Line on both an Agricultural Municipality and a Residential Community.

As a property owner, a concerned citizen of Goulbourn Township, and a participant at the Joint Board hearing, I support the Decision of the Joint Board dated November 4, 1985.

Yours truly,



Joan Flewellyn,
R.R. #1,
Stittsville, Ont.
K0A 3G0