

September 26th, 2006

BY FAX: 867-667-5059 and by EMAIL

Yukon Utilities Board
Box 31728
Whitehorse, Yukon
Y1A 6L3

YUKON UTILITIES BOARD		
EXHIBIT C4-3		
DAY	ENTERED BY	DATE
	YCS	Sept 26 106

Attn: Ms. Deana Lemke
Executive Secretary
Yukon Utilities Board

**Re: Yukon Energy Corporation (YEC) 20-Year Resource Plan
Information Requests from the Yukon Conservation Society to the Yukon
Energy Corporation**

Dear Ms. Lemke

The Yukon Conservation Society would like to address first and foremost concerns about how YESSA will be dealt with in this process. YCS realizes that we are past the September 15th deadline for comments but YCS is having a difficult time trying to figure out how all this meshes.

It is YCS's understanding that there will be YESSA Evaluations of both the Stewart-Carmacks Line and the Marsh Lake license amendment. These evaluations usually recommend mitigations which usually have financial implications to the proponent. Would it not be better to put both projects through the YESSA process before bringing them to the YUB so the true costs of the projects are reviewed?

The Yukon Conservation Society has the following information requests for the Yukon Energy Corporation (YEC). They are grouped by subject, and numbered for ease of reference. Where appropriate, page and line references to the YEC 20 Year Plan document are given.

A. DEMAND SUPPLY MANAGEMENT

Page 2-9 line 18 onwards, regarding Load Forecasts and Demand Supply Management (DSM). Line 30 states "There is currently a hydro energy surplus in Yukon."

A.1. Question: When are the diesels on the WAF grid currently used?

A.2. Question: If used for peaking, why isn't DSM implemented to bring peaking down or eliminated?

A.3. Question: Has YEC done a study on peak demand? Can YEC provide the details of studies they have done about peak demand on the WAF grid, this should include daily, monthly and yearly variances? Also provide a breakdown of industrial, commercial, and residential use.

A.4. Question: Please provide the YEC DSM policy.

A.5. Question: Has YEC looked at other jurisdictions regarding DSM? Please provide any of YEC's findings.

A.6. Question: Has YEC considered industrial (as opposed to residential) DSM?

A.7. Question: Has YEC considered seasonally adjusted rates to coincide with surplus hydro seasons?

B. CUSTOMER USE PATTERNS

Page 2-11, line 11 and 12

B.1. Question: Does YEC and Yukon Electrical Company Limited (YECL) share information openly about customer use patterns? YCS would like YEC to obtain an analysis on customer numbers or use per customer on YECL's current retail, industrial and government buildings.

B.2. Question: Can YECL provide an analysis on customer numbers or use per customer on YECL's current retail, industrial and government buildings.

C. INDEPENDENT POWER PRODUCERS

Page 2-12, line 8 onwards, regarding Independent Power Producers (IPP)

C.1. Question: Please provide YEC's IPP policy for the Yukon.

C.2. Question: Does YEC have a policy on the price it will pay for power generated by independent producers? What are the price calculations based on?

C.3. Question: Are there price incentives to encourage the development of small, community or regionally based independent power projects?

C.4. Question: Has YEC developed a firm policy for Yukon First Nation Governments who may want to develop their own community based power projects that would include accessibility to both existing and proposed power transmission lines?

D. MARSH LAKE WETLANDS and SHORELINES

Page 4-21, line 21 onwards

D.1. Question: "Environmental licensing activities" could be a project 'stopper'. Has YEC done any wetland studies, shoreline erosion studies or shallow water (littoral) habitat studies in regards to the existing license? YCS requests these studies be filed as exhibits.

D.2. Question: Has YEC initiated any studies on future wetland, shoreline or shallow water (littoral) habitat changes that the 20 Year Plan could instigate?

D.3 Question: Has YEC sanctioned any fisheries studies, wildlife studies or assessed the health of riparian habitat that is within the zone of influence by the existing license?

D.4. Question: Will the Marsh Lake license amendment go through a Yukon Environment and Socio-Economic Assessment Act (YESAA) hearing?

D.5. Question: Will YEC release wind data regarding Marsh Lake? YCS requests that all Marsh Lake wind data be filed as exhibits.

E. GREENHOUSE GAS EMISSIONS

E.1. Question: What is the status of the Yukon Green Power Initiative? How have its recommendations been incorporated into the 20 year plan?

E.2. Question: What is the status and future plans for the following programs outlined in the document *An Inventory of Yukon Climate Change Initiatives, Yukon Climate Change Coordinating Committee, February 3, 2001*

Renewable Energy Resource Assessment

The Yukon Development Corporation works to identify Yukon's renewable energy resource potential on a comprehensive and systematic basis to assess the value for future supply. This involves assessments, database development, mapping renewable hydro potential for wind, geo-thermal and biomass resources, as well as pilot projects such as the commissioning of a portable solar/hybrid prototype and investigating hydro feasibility. The Renewable Energy Resource Assessment also monitors and participates in initiatives that impact on land use such as the Protected Areas Strategy and regional land use planning.

Renewable Power Sales Incentive Program

The Renewable Power Sales Incentive Program is a joint initiative of the Yukon Development Corporation and Yukon Energy Corporation. It encourages the consumption of available surplus hydro electricity to displace fossil fuels used for space and water heating for general service, government and industrial customers. The program guarantees a return on investment to customers who install the equipment necessary to purchase secondary power. It also provides technical services such as feasibility planning and building design, financial assistance like interest abatement, loans and capital contributions, electronic power dispatch and a building energy management reporting service.

Green Power Initiative

The Yukon government's Green Power Initiative encourages renewable energy production in an environmentally sustainable manner. Its objectives are to displace diesel electricity production and reduce greenhouse and other gas emissions, especially in communities only served by diesel generation; to provide consumers with a green power option; to expand the technical capability to develop green power alternatives; and to improve the long-term cost effectiveness of green power energy sources. The program will achieve these goals through research and development, demonstration projects, targeted technical information, development of standards and youth education projects.

E.3. Question: How is YEC currently accounting for greenhouse gas emissions? Has YEC sold any greenhouse gas credits as a result of the Mayo-Dawson Project? If so, how much? Has YEC investigated the potential for greenhouse gas credits for the proposed Carmacks-Stewart line?

E.4. Question: The Kyoto Protocol deadlines fall within the timeline of the 20 year plan. How is YEC reducing greenhouse gas emissions over the timeline of the 20 year plan?

E.5. Question: Does YEC have a greenhouse gas reduction policy as part of its 20 year plan?

E.6. Question: Will the refurbished Mirrlees be more efficient and thus reduce greenhouse gas emissions? Please provide information on payback scenarios, fuel usage/energy efficiency and greenhouse gas emissions for new, state of the art energy efficient generators versus the rebuilt Mirrlee generators.

F. FOSSIL FUEL PRICE SCENERIO'S

F.1. Question: Has YEC drawn up scenarios for when diesel (such as is used for home heating oil) prices increase and consumers start switching over to electrical heat? Is there information on an energy scenario that takes into account an increase in the cost of diesel, thus leading to a reduction of its use, but a related increase in electrical power use?

The Yukon Conservation Society thanks you for this opportunity to question the Yukon Energy Corporation. If the Yukon Utilities Board has any questions regarding this letter please contact either myself or Ms. Karen Baltgailis at 867-668-5678.

Yours truly,

Lewis Rifkind
Energy Coordinator
Yukon Conservation Society

Cc: Sally Wright
JP Pinard
Nick de Graf
Karen Baltgailis
And YUB Email Distribution List