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**ROUNDTABLE ON THE ENVIRONMENT  
MINUTES  
MEETING 7**

**Date of Meeting:** February 20, 2006  
**Time:** 6:30 p.m.  
**Location:** Committee Room 1  
City Hall  
100 Queen Street West  
Toronto, Ontario

**Enquiry:** Frank Baldassini  
Committee Secretary  
416-395-7352  
fbalda@toronto.ca

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**Members**

<b>Present:</b> Deputy Mayor Joe Pantalone, Chair Councillor Paula Fletcher, Vice-Chair Bob Blazeovski John Cartwright Robert Kerr Dr. Roger Keil Paul Muldoon Steven Peck	Gord Perks Judy Simon Karen Sun Dr. Peter Victor Tim Woods  <b>Regrets:</b> Susan Antler Mark G. Mitchell
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The meeting convened at 6:35 p.m. with Deputy Mayor Pantalone in the Chair.

**Judy Simon declared her interest in Item 5(a) - 5.City of Toronto Energy Plant, in that the firm that she works for, IndEco Strategic Consulting Inc., has been hired as the consulting firm to work on the preparation of the Draft Terms of Reference for a Comprehensive Energy Plan for the City of Toronto.**

**Confirmation of Minutes – December 12, 2005**

**Reports/Communications**

## **1. City of Toronto Green Guide**

The City of Toronto Green Guide was distributed to Members of the Roundtable on the Environment.

### *Minute 8.1*

*The Chair advised that the City of Toronto's first ever Green Guide is a summary of the City's environmental projects, programs and policies compiled in booklet format for convenience of use. The intention is to provide a snapshot of current environmental efforts along with sources of more information about the issues and projects that interest Torontonians.*

*The Chair further advised that the City of Toronto Green Guide is available online at <http://www.toronto.ca/greenguide/>.*

*The Chair requested that copies be made available to Members of the Roundtable, in order that they may distribute the same.*

### *Action:*

*The Roundtable on the Environment received the comments from the Chair, regarding the City of Toronto Green Guide, and expressed their appreciation to City staff for having developed an excellent guide.*

## **2. Roundtable on the Environment Workshop**

Communication (February 10, 2006) from Deputy Mayor Pantalone, Chair, Roundtable on the Environment, regarding the proposed Roundtable on the Environment Workshop, and recommending that a workshop be held on Friday, May 5, 2006, from 8:30 a.m. to 1:00 p.m., Exhibition Place, Toronto.

### *Minute 8.2*

*The Chair advised that, as requested by Members, a workshop has been arranged for Friday, May 5, 2006, from 8:30 a.m., to 1:00 p.m., at the Fountain Dining Room, Exhibition Place, and that a facilitator will be provided to assist the Members in their deliberations.*

### *Action:*

*The Roundtable on the Environment received the communication (February 10, 2006) from Deputy Mayor Pantalone.*

## **3. 2006 Environmental Plan - Strategy and Implementation**

Presentation from Shelley Grice, Manager, Environmental Services, Technical Services Division, on the status of the development of the 2006 Environmental Strategy.

*Minute 8.3*

*Shelley Grice, Manager, Environmental Services, Technical Services Division, made a 5 minute Power Point presentation on the status of the development of the 2006 Environmental Strategy, and provided the following information:*

- (a) the objectives for the 2006 Environmental Plan are:*
  - (i) corporate-wide collaboration and strong community engagement;*
  - (ii) position Toronto as an environmental leader;*
  - (iii) integrate lessons learned from 2000 to 2005 Environment Plan implementation; and*
  - (iv) practical tool for establishing priorities and taking leadership action on environmental issues;*
- (b) the major steps to be undertaken are:*
  - (i) Establish Environmental Plan Working Group;*
  - (ii) Consultation Plan – many stakeholders, work with the Public Consultation Unit;*
  - (iii) Communications and Promotions Plan – work with Corporate Communications; and*
  - (iv) Research and Analysis – lessons learned from implementation and leading-edge ideas from City divisions, community and other jurisdictions; and*
- (c) the timelines to complete the work are as follows:*
  - (i) the Terms of Reference are reviewed by the Executive Environment Team in January 2006;*
  - (ii) the Terms of Reference are reviewed by the Roundtable on the Environment in February 2006;*
  - (iii) Broad consultation – community, City divisions, Agencies, Boards and Commissions – to be completed by May 2006;*
  - (iv) Draft recommendations prepared by Summer 2006; and*
  - (v) 2006 Environmental Strategy prepared by Autumn 2006.*

*The Roundtable on the Environment requested City staff to take the following points into account:*

- final document should be useful as filter for decision-making;*
- be very strategic in developing priorities but ensure that a broad range of ideas are captured in the final plan;*
- push for innovation and progress to support Toronto's leadership goals; and*
- determine link between environmental priorities of the new plan and budget decisions.*

*(a paper copy of the Power Point presentation from Shelley Grice, Manager, Environmental Services, Technical Services Division, is on file in the City Clerk's Office, North York Civic Centre.)*

*Action:*

*The Roundtable on the Environment:*

- (1) received the Power Point presentation from Shelley Grice, Manager, Environmental Services, Technical Services Division, with thanks; and*
- (2) requested City staff to take into account the comments and suggestions provided when developing the draft recommendations.*

#### **4. International Green Development Standards**

Presentation from Doug Webber, Halsall Associates, on the International Green Development Standards as a prelude to the development of the City's Green Development Guidelines.

##### *Minute 8.4*

*Douglas Webber, Halsall Associates, made a 10-minute Power Point status presentation on the International Green Development Standards as a prelude to the development of the City's Green Development Guidelines.*

*Mr. Webber presented a copy of the report entitled "City of Toronto Green Development Standard Phase 1".*

*The intent of the noted report is to describe what has been done by other cities, and to evaluate the actions that were successful. He further advised that the City of Toronto intends to create a "made in Toronto" Green Development Standard for new building construction, and existing building retrofit.*

*Action:*

*The Roundtable on the Environment received the presentation from Douglas Webber, Halsall Associates, regarding the International Green Development Standards, with thanks.*

## **5. City of Toronto Energy Plan**

- (a). Draft Terms of Reference for a Comprehensive Energy Plan for the City of Toronto
  - (i) Presentation from Richard Morris, Manager, Energy Efficiency Office, Facilities and Real Estate Division, on the Draft Terms of Reference for a Comprehensive Energy Plan for the City of Toronto; and
  - (ii) Briefing Note (February 17, 2006) from Richard Morris, Energy Efficiency Office, Facilities and Real Estate Division, advising that the draft Terms of Reference proposes guidelines for the development of a Comprehensive Energy Plan for the City of Toronto; and that City Council at its meeting of January 31, February 1 and 2, 2006 requested the Deputy City Manager and Chief Financial Officer to report to the February 20, 2006 meeting of the Roundtable on the Environment on terms of reference for a Comprehensive Energy Plan for Toronto; and further that City Council directed that the draft terms of reference be developed in consultation with Toronto Hydro Corporation, Enwave Energy Corporation, the Toronto Atmospheric Fund and the Energy Efficiency Office.
- (b) Port Lands Green Energy Plan

Report (February 16, 2006) from the Executive Director, Technical Services Division advising that the purpose of the report is to provide information relative to the Port Lands Green Energy Plan.

### Recommendations:

It is recommended that:

- (1) the Port Lands Green Energy Plan be taken into account in on-going preparation and implementation of the City of Toronto Energy Plan including the Renewable Energy Plan, the City of Toronto Air Quality Action Plan and the Environmental Plan Update;
- (2) the City of Toronto continue to document the megawatts of energy saved and economic and air quality benefits accrued due to the City's energy conservation programs and the related reductions in energy demand in City operations;
- (3) a report to the Roundtable on the Environment by Deputy City Manager Fareed Amin in consultation with Deputy City Manager and Chief Financial Officer Joe Pennachetti on the potential for renewable energy generation and use in the City of Toronto, to be completed by September 2006;

- (4) Council inform the Ontario Minister of Energy, the Ontario Minister of the Environment, the Ontario Minister of Health and the Ontario Minister of Economic Development and Trade about the on-going energy conservation measures at the City of Toronto as well as a summary of the City of Toronto's position relating to building a 550 megawatt gas-powered generation facility on the Toronto waterfront given the economic, environmental and health benefits demonstrated by energy conservation and continued reductions in energy demand at the City of Toronto.
- (c) Ontario Energy Conservation Responsibility Act
  - (i) Briefing Note (February 7, 2006) from the Senior Environmental Planner, Environmental Services, Technical Services Division, advising that Bill 21, the *Energy Conservation Responsibility Act*, was introduced to the Ontario Legislature in November 2005. The Bill includes the *Energy Conservation Leadership Act*, which has implications for Ontario municipalities, including the City of Toronto; and
  - (ii) Communication (February 10, 2006) from Mayor David Miller to Shafiq Qaadri, MPP, Chair, Standing Committee on Justice, providing comments on Bill 21, the *Energy Conservation Responsibility Act*, that is under consideration by the Standing Committee on Justice Policy.
- (d) Ontario Power Authority's Supply Mix and Advice Recommendations
  - (i) Briefing Note (February 7, 2006) from the Senior Environmental Planner, Environmental Services, Technical Services Division, advising that in May 2005, the Ministry of Energy directed the Ontario Power Authority to develop a comprehensive, long-term plan for electricity that supports the provincial government objectives of energy conservation, increased development of renewable energy resources, and phase-out of coal-fired generation; and
  - (ii) Communication (February 3, 2006) from Dr. David McKeown, Medical Officer of Health, addressed to The Honourable Dalton McGuinty, Premier of Ontario, providing comments on the Ontario Power Authority's (OPA's) December 2005 report entitled "Supply Mix Advice Report".
- (e) Communication (February 20, 2006) from Councillor Fletcher, Ward 30 – Toronto-Danforth, forwarding a communication from Fiona Nelson addressed to the Roundtable on the Environment, outlining an alternative to the Province's plan to build a large power plant in the Port Lands.

*(a paper copy of the Power Point presentation from Richard Morris, Manager, Energy Efficiency Office, Business and Strategic Innovation, Facilities and Real Estate Division, is on file in the City Clerk's Office, North York Civic Centre.)*

*Minute 8.5*

*Jodie Parmar, Director, Business and Strategic Innovation and Richard Morris, Manager, Energy Efficiency Office, Facilities and Real Estate Division, made a Power Point presentation on the Draft Terms of Reference for a Comprehensive Energy Plan for the City of Toronto, and provided the following points of information:*

- (1) the purpose of the Draft Terms of Reference for a Comprehensive Energy Plan for the City of Toronto is to:*
  - (a) provide guidelines for the development of a Comprehensive Energy Plan for the City;*
  - (b) articulate the City's needs for an integrated energy plan that ensures reliability of supply through the use of both demand and supply side sources; and*
  - (c) address the key issues, such as goals, objectives, strategies, timing, funding and resourcing; and*
  - (d) ensure that the energy plan conforms closely with the values and wishes of residents of Toronto and the City's Environmental Plan; and*
- (2) the Terms of Reference for the Comprehensive Energy Plan were prepared by taking into account the Port Lands Green Energy Plan, the Renewable Energy Action Plan, the City of Toronto's Comprehensive Air Quality Strategy and the Environmental Plan Update.*
- (3) the goal of the City's Comprehensive Energy Plan include but, are not limited to the development, quantification of projected savings and prioritization of initiatives identified below:*
  - (a) develop high, moderate and low demand load forecast scenarios and identify Toronto's future energy needs for the short, medium and long term;*
  - (b) identify and leverage on existing and developing initiatives in regard to peak-shaving mechanisms, renewable energy, distributed energy, district heating and cooling, demand response and conservation and demand management;*
  - (c) identify feasible options for meeting the City's future energy needs including various technology solutions and any regulatory, legislative or institutional barriers that should be amended or eliminated to facilitate the goals of the Energy Plan;*
  - (d) provide cost-benefit comparisons and co-benefits for the various base and peak load scenarios to reduce electricity demand, including an analysis of equivalent investments in conventional versus renewable energy sources, demand response and conservation and demand management;*

- (e) *identify the preferred options for meeting the City's future energy needs after considering relevant environmental, economic and equity (including community) concerns;*
- (f) *identify the preferred options for meeting the City's 15% energy reduction target in corporate operations and facilities; and*
- (g) *explore opportunities to leverage synergies between City-owned businesses to simultaneously maximize shareholder value and attain comprehensive energy program targets.*

*The Roundtable on the Environment held a general discussion on the issue of the City of Toronto Energy Plan and provided the following comments:*

- (1) *expand consultation on the Energy Plan including consultation with the Toronto District School Board, the Toronto Catholic District School Board and the Toronto Transit Commission;*
- (2) *engage public using existing communication tools such as notices in Toronto Hydro bills and advertising on City bus shelters and litter bins.*
- (3) *state goals of the Terms of Reference more clearly (e.g. reliable energy, affordable energy, energy that minimizes impact on the environment, commitment to soft energy);*
- (4) *include more quantitative indicators of energy use including minimum and maximum energy demand and energy production capacities;*
- (5) *clarify that this first phase of the Energy Plan is focused primarily on the production of electricity as opposed other forms of energy;*
- (6) *provide information on the split in energy use between industrial/ commercial and residential and identify programs including energy efficiency projects that will reduce demand in both sectors;*
- (7) *identify solutions that will reduce energy demand in the short-term;*
- (8) *address issue of heat island effect and mitigation measures such as green roof implementation. Refer to Environment Canada study that links 1% reduction in heat island effect with 4% reduction in energy demand; and*
- (9) *consider development and implementation of interim energy plan to address current problems, pending the development and implementation of larger framework energy planning.*



*Action:*

*The Roundtable on the Environment requested the Chair to:*

- (1) request the Director, Business and Strategic Innovation, Facilities and Real Estate Division, to:*
  - (a) expand the consultation on the Energy Plan to include the Toronto District School Board, the Toronto Catholic District School Board and the Toronto Transit Commission;*
  - (b) engage the public, as part of the consultation process, by using existing communication tools such as notices in Toronto Hydro bills and advertising on City bus shelters and litter bins;*
  - (c) consider preparing a further report for presentation to the Policy and Finance Committee at its meeting on April 11, 2006, on:*
    - (i) suggested solutions to address peak period (July and August, 2006) requirements and detailing the existing capacity and demand;*
    - (ii) comments on the Independent Electricity System Operator message that an additional 250 megawatts are needed by 2008 and determine if 350 megawatts of savings can be accomplished by 2008 using the 10 Point Green Plan for the Port Lands;*
- (2) request the Policy and Finance Committee to request the Director, Business and Strategic Innovation, Facilities and Real Estate Division, to:*
  - (e) prepare a report for presentation to the Roundtable on the Environment at its meeting on May 29, 2006, on:*
    - (i) alternatives to the 550 megawatt Port Lands Energy Centre including consideration of a smaller facility;*
    - (ii) an interim energy plan and the actions outlined in the 10 point Port Lands Green Energy Plan;*
    - (iii) solid numbers on the difference between energy demand and capacity to meet energy demand in the City of Toronto and numbers on how much energy is used daily and for what purpose;*
    - (iv) clear statements on actions that will lead to reduced energy demand, particularly the demand for electricity, such as reducing the use of conventional air conditioning during times of peak demand; and*
    - (v) more detailed information on the investments required and related energy and financial savings with regard to the Port Land Green Energy Plan;*

- (b) *prepare a report for presentation to the Policy and Finance Committee at its meeting on June 20, 2006, on:*
  - (i) *the inclusion of more quantitative indicators of energy use including minimum and maximum energy demand and energy production capacities;*
  - (ii) *additional information on the split in energy use between industrial/commercial and residential and identify programs including energy efficiency projects that will reduce demand in both sectors; and*
  - (iii) *the proposals contained in the communication (February 20, 2006) from Fiona Nelson;*
- (3) *consider placing the following ideas for discussion at the May 5, 2006, Roundtable on the Environment Workshop meeting:*
  - (a) *the context and broader issues of energy planning for the City such as innovation and environmental leadership and desirable lifestyles, type of jobs and industry the City wants to attract or develop; and*
  - (b) *innovative ideas for the new Environmental Plan; and*
- (4) *forward a communication to Mayor David Miller advising of the comments, suggestions and recommendations made on the City of Toronto Energy Plan by the Roundtable on the Environment.*

## **6. Discussion on information requests from previous Roundtable meetings**

The Executive Director, Technical Services Division, has provided the following status report and memorandum for information, which were requested by the Roundtable at its previous meetings:

- (a) **Idling Control By-law: Improving Enforcement**

Joint report (February 13, 2006) from the Deputy City Manager and Chief Financial Officer and the General Manager, Transportation Services, outlining a possible business model detailing the expenditures required to enforce the Idling Control By-law and the revenues that would be generated.

- (b) **Request to Chief Building Officer to suggest amendments to Ontario Building Code to address retro-fitting and green building issues.**

Memorandum (February 14, 2006) from the Chief Building Official and Executive Director, advising that City Council at its meeting on October 26, 27, 28 and 31, 2005, adopted the attached copy of Clause 2, Policy and Finance Committee Report 9 entitled "Green Building Code: Energy Efficiency Provisions in the Ontario Building Code"; and further advising that the Clause recommended

that the Ministry of Municipal Affairs and Housing introduce mandatory requirements that increase the level of energy efficiency for both large and small buildings beyond the current Code requirements and other “green building initiatives”.

*Minute 8.6*

*The Roundtable on the Environment deferred the joint report (February 13, 2006) from the Deputy City Manager and Chief Financial Officer and General Manager, Transportation Services, and the memorandum (February 14, 2006) from the Chief Building Officer and Executive Director, to its next meeting on May 29, 2006.*

**7. Green Economic Development in Toronto**

Report (February 2006) from John Cartwright, President, Toronto and York Region Labour Council, entitled “Green Economic Development in Toronto A Review of Environmental Initiatives in Toronto: Health, Education and Manufacturing Sectors”.

*Minute 8.7*

*John Cartwright, President, Toronto and York Region Labour Council, presented to the Roundtable on the Environment a report (February 2006) entitled “Green Economic Development in Toronto A Review of Environmental Initiatives in Toronto: Health, Education and Manufacturing Sectors”.*

*Mr. Cartwright advised that the noted report was prepared to highlight, through the health, education and manufacturing sector, organizations and companies that have been developing and implementing environmental initiatives, which are crucial in the investment and promotion of Toronto’s green economic development.*

*Action:*

*The Roundtable on the Environment received the report (February 2006) from John Cartwright, President, Toronto and York Region Labour Council, entitled “Green Economic Development in Toronto A Review of Environmental Initiatives in Toronto: Health, Education and Manufacturing Sectors”, with thanks.*

### **Upcoming Events**

Green Toronto Awards

May 2, 2006

6:00 p.m. to 9:00 p.m.

Roundtable on the Environment Workshop

Friday, May 5, 2006

8:30 a.m. to 1:00 p.m.

Fountain Dining Room

Exhibition Place

### **Next Meeting**

Monday, May 29, 2006

6:30 p.m. to 8:30 p.m.

Committee Room 1, 2<sup>nd</sup> Floor

Toronto City Hall, 100 Queen Street West

*The meeting adjourned at 8:50 p.m.*

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Chair