

*Canadian Views of Nuclear Energy:
Keeping Pace*

Final Report

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The Canadian Nuclear Association

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INTRODUCTION

The Canadian Nuclear Association (CNA) is a non-profit organization established in 1960 to represent the nuclear industry in Canada and promote the development and growth of nuclear technologies for peaceful purposes. As part of its communications efforts, the Canadian Nuclear Association (CNA) regularly monitors the Canadian public's perceptions of various nuclear issues. As part of this monitoring activity, the Canadian Nuclear Association (CNA) examines such issues as:

- Public support for nuclear electricity generation,
- Public support for other energy sources,
- Perceived benefits and concerns about nuclear technology,
- Confidence in the system to handle nuclear waste, and
- Perceived safety of nuclear power plants in Canada.

On behalf of the CNA, Ipsos Reid recently conducted opinion research among the Canadian public on these key issues central to developing a secure and sufficient supply of energy for Canada's future.

METHODOLOGY

Ipsos Reid conducted telephone research among 2,187 Canadian adults between January 17 and January 28, 2008.

Within the national sample of 2,187, larger samples of residents from Alberta (n=205), Saskatchewan (N=161), Ontario (n=752), Quebec (n=499) and New Brunswick (N=138) were interviewed to improve the reliability of results in these areas and allow for demographic and attitudinal subgroup analysis.

The geographic distribution of the sample, with associated margins of error, is as follows:

Region	Sample Size	Margin of Error
British Columbia	261	±6.1%
Alberta	205	±6.9%
Manitoba/ Saskatchewan	230	±6.5%
(Saskatchewan)	161	±7.7%
Ontario	752	±3.6%
Quebec	499	±4.4%
Atlantic Provinces	240	±6.3%
(New Brunswick)	138	±8.3%
Total	2,187	±2.1%

Where the national sample is reported, regional weighting has been applied to ensure an appropriate regional distribution. Slight weights have also been applied to ensure an appropriate balance by gender and age.

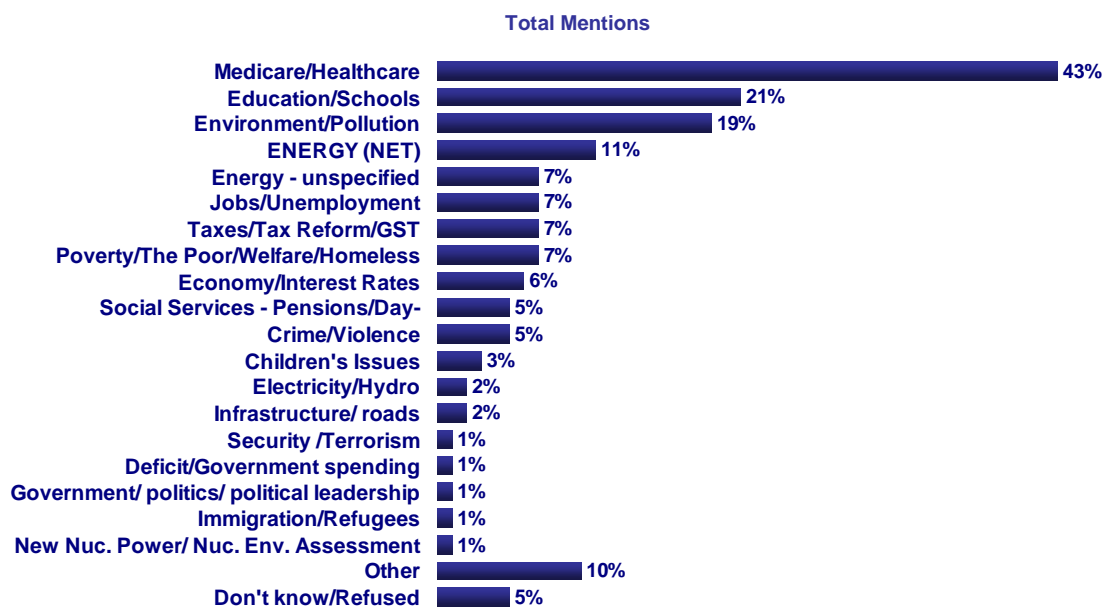
EXECUTIVE SUMMARY

- Provincially, confidence in electricity supply continues to drop for most — to historic lows across the country
- Support for nuclear power is up 7 points in the last two years and up 12 points since February 2005
- Tracking shows support for nuclear energy continues to increase in all regions, with the exception of Alberta (-2 since '07)
- 41% of Canadians feel nuclear power should play *more* of a role in their Province over the next decade, only in 2 provinces/regions is the Net *less*
- National support for refurbishing & new build are at historic levels: 67% for refurbish, 48% for new build
- Support for refurbishing continues to rise in all provinces, particularly in Ontario (+8), Alberta (+4), and the Prairies (+14) (led by Saskatchewan). Even in Quebec, where support for nuclear power is the lowest, half (51%) now support refurbishing

DETAILED FINDINGS - ENERGY AS AN ISSUE

Energy As A Provincial Issue

Energy (net) as a top-of-mind issue has increased in significance from the previous year as one-in-ten (11%) Canadians now believe it is an issue that should receive the most attention from their provincial government. Comparatively, 43% of Canadians mention Medicare/healthcare as the most important issue in their province, and 21% mention education/schools while 19% mention the environment/pollution.



Now, thinking of the issues presently confronting the province of (PROVINCE) and people like yourself, which one do you feel should receive the greatest attention from the provincial government, that is the one thing they should give top priority to? Q1b. What other issues do you think are important for the province and people like yourself that should be getting right now? Base: N=2187

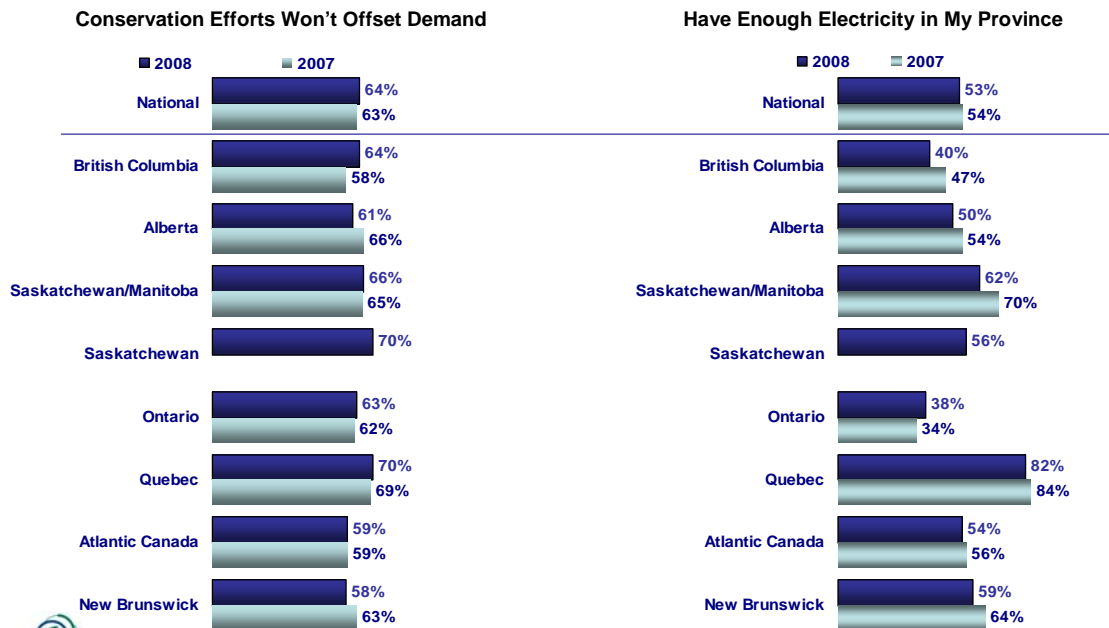
Across the regions:

- British Columbia: 6%
- Alberta: 11%
- Saskatchewan/Manitoba: 7%
- Saskatchewan 9%

- Ontario: 16%
- Quebec: 3%
- Atlantic Canada: 15%
- New Brunswick: 18%

Conservation and Supply

One-half (53%) of Canadians fear there is not enough energy in their province, two-thirds (64%) do not think conservation efforts will be enough to ensure supply. Supply concerns continue to be most acute in Ontario and British Columbia.

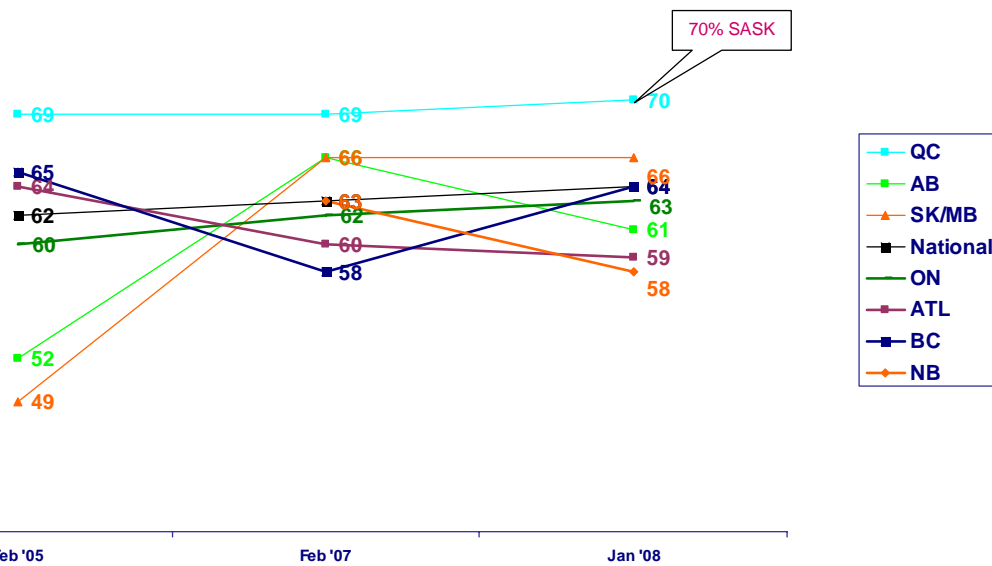


Do you strongly agree, somewhat agree, somewhat disagree or strongly disagree that: 1) We have enough electricity in my province to meet our future needs, 2) Conservation efforts by consumers will not offset the growing demand for energy ? Jan 08 Base N=2187 Feb 07 N=2123

In the past year, more British Columbians are concerned that conservation efforts will not be enough to offset demand (+ 6 points). Concerns have decreased in New Brunswick by 5 points.

Ipsos Conservation Tracking

Conservation won't offset demand



Canadian Nuclear Association / Association nucléaire canadienne

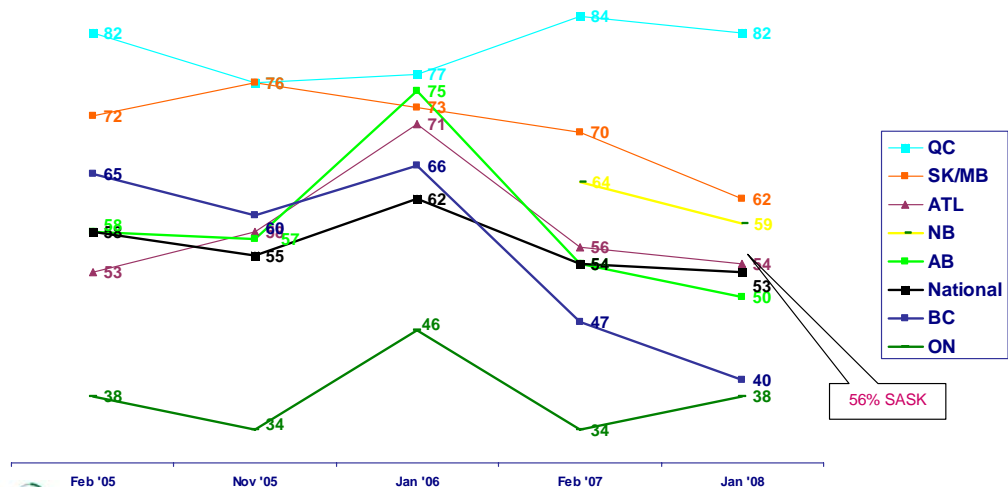
Do you strongly agree, somewhat agree, somewhat disagree or strongly disagree that: 1) We have enough electricity in my province to meet our future needs, 2) Conservation efforts by consumers will not offset the growing demand for energy? Jan 08 N=2187 Feb 07 N=2123, Feb 05 N=1820

9

Confidence in electricity supply continues to drop to historic lows across the country - the most dramatic decreases can be seen in the Prairie Provinces (- 8 points) and British Columbia (-7 points). Ontario is the exception where confidence has slightly improved (+ 4 points), but remains the lowest overall.

Ipsos Supply Tracking

Have enough electricity in my province



Canadian Nuclear Association / Association nucléaire canadienne
 Do you strongly agree, somewhat agree, somewhat disagree or strongly disagree that: 1) We have enough electricity in my province to meet our future needs, 2) Conservation efforts by consumers will not offset the growing demand for energy? Base: Jan 08 N=2187 Feb 07 N=2123, Jan 06 N=1000, Nov 05 N=1000
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NUCLEAR SUPPORT TRACKING

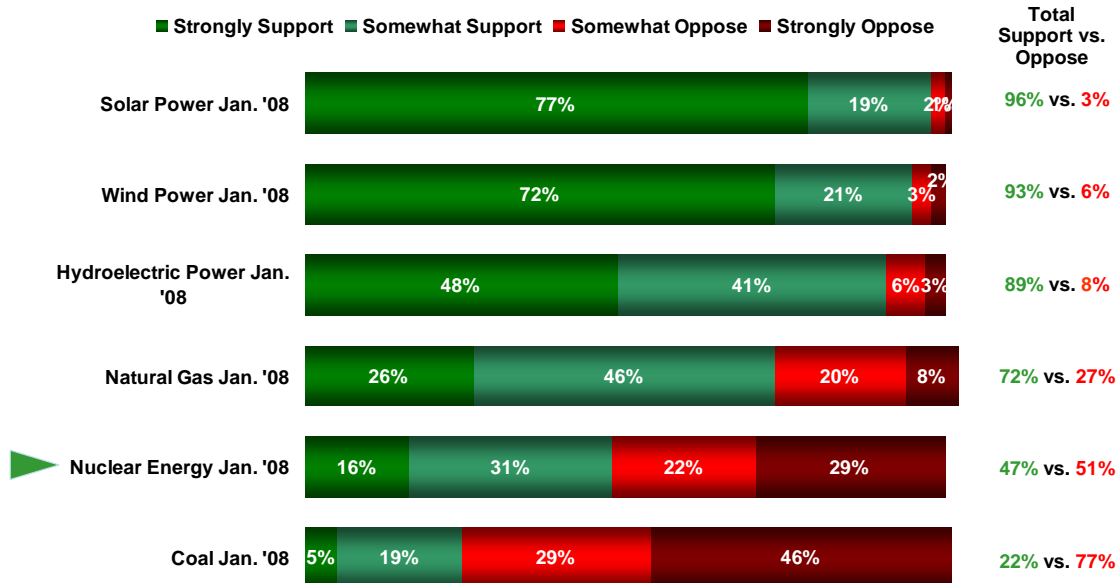
Support for Nuclear

Just under one-half (47%) of Canadians currently strongly (16%) or somewhat support (31%) nuclear energy. By comparison, 51% either somewhat oppose (22%) or strongly oppose (29%) nuclear generation as a source of power.

Comparatively, nuclear is ranked above coal (22% support) as a method of producing electricity and following solar (96% support), wind (93% support), hydroelectric (89% support), and natural gas (72% support).



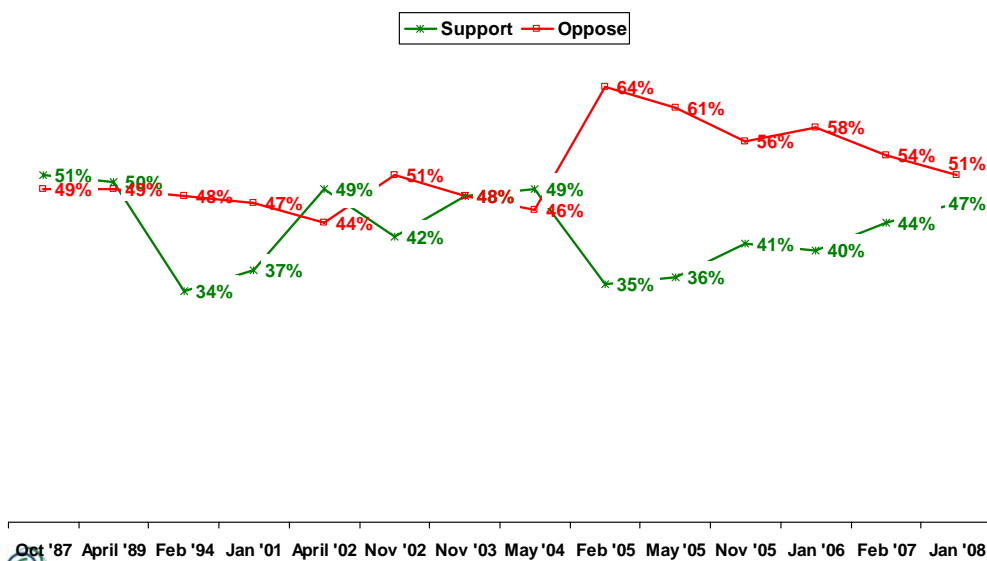
National Support for Nuclear vs. Other Energy Sources



I am going to read you a list of several ways to produce electricity. Please tell me whether you strongly support, somewhat support, somewhat oppose, or strongly oppose each way of producing electricity. Jan 08 Base: N=2187 Feb 07 Base: N=2123

Support for nuclear power is up in the last two years (+7 points). Since February 2005 support has increased significantly (+12 points).

Ipsos National Support for Nuclear Tracking

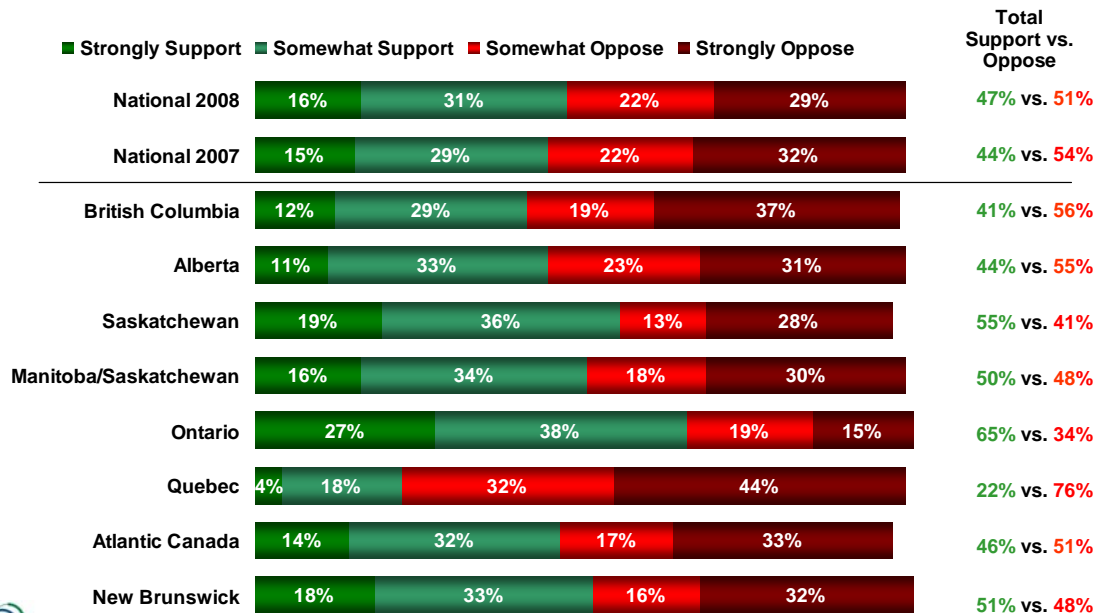


I am going to read you a list of several ways to produce electricity. Please tell me whether you strongly support, somewhat support, somewhat oppose, or strongly oppose each way of producing electricity. Base: Jan 08 N=2187 Feb 07 N=2123, Jan 06 N=1000, Nov 05 N=1000

Regionally, support for nuclear energy is highest in Ontario (65%) and Saskatchewan (55%). Support for nuclear power is significantly lower in Quebec (22%).



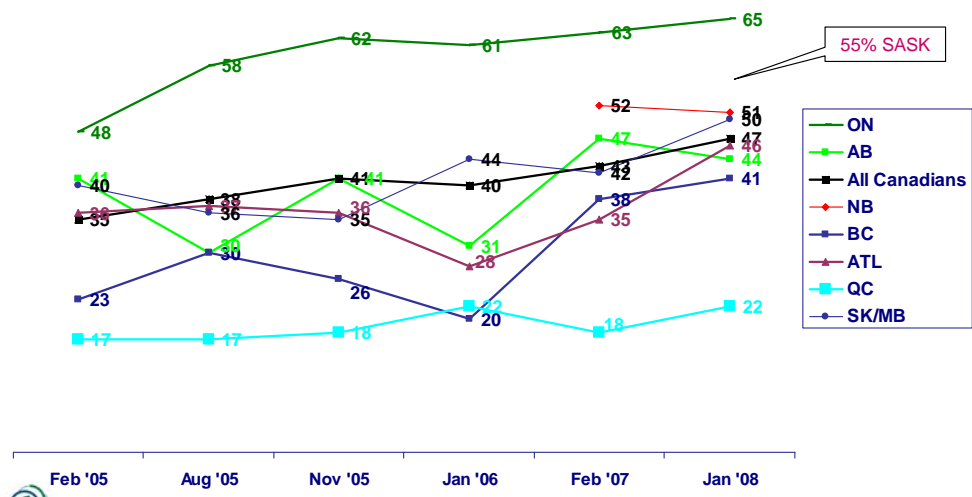
Regional Support for Nuclear



I am going to read you a list of several ways to produce electricity. Please tell me whether you strongly support, somewhat support, somewhat oppose, or strongly oppose each way of producing electricity. Base: Jan 08 N=2187 Feb 07 N=2123

Support for nuclear energy continues to increase in many regions, including in the Atlantic Provinces (+11 points), the Prairie Provinces (+8 points), Quebec (+4 points), British Columbia (+3 points), and Ontario (+2 points). In Alberta, support has slightly decreased (-3 points).


Ipsos Regional Support for Nuclear, Tracking

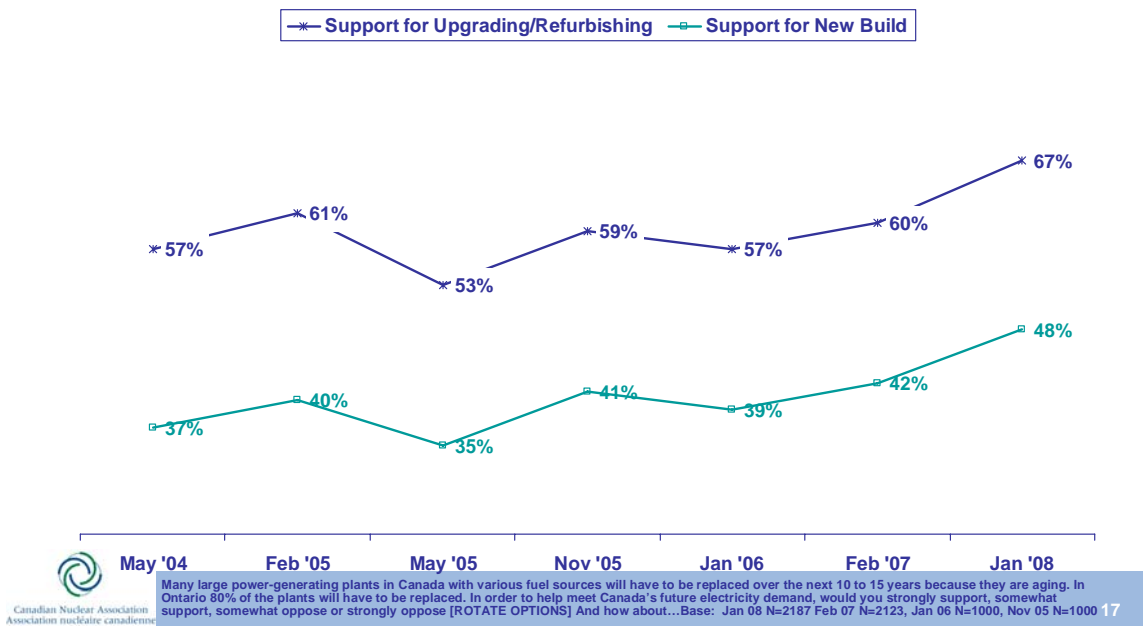


Canadian Nuclear Association / Association nucléaire canadienne
 I am going to read you a list of several ways to produce electricity. Please tell me whether you strongly support, somewhat support, somewhat oppose, or strongly oppose each way of producing electricity. Base: Jan 08 N=2187 Feb 07 N=2123, Jan 06 N=1000, Nov 05 N=1000

Support for Refurbishing and New Builds

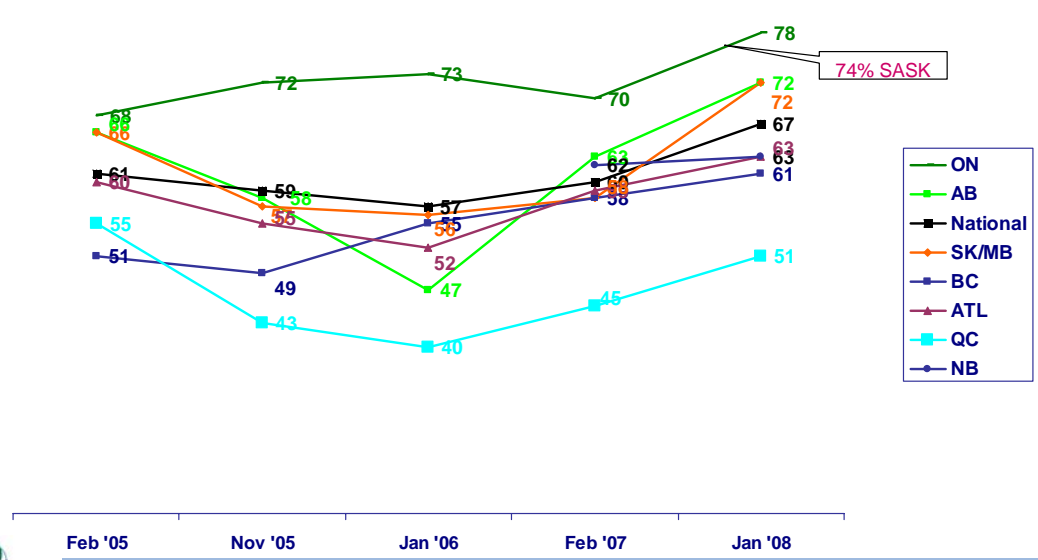
Upgrading and refurbishing existing nuclear facilities continues to be preferred by Canadians to building new plants. Support for both options continues to increase as 67% currently support refurbishing (vs. 60% the year previous) and 48% support new builds (vs. 39% the year previous).

 **National Support for Refurbishing & New Build Tracking**



Support for refurbishing continues to rise in all provinces, particularly in Alberta (+9 points), Ontario (+8 points), and the Prairie Provinces (+14 points) (led by Saskatchewan). Even in Quebec, where support for nuclear energy is comparatively low, one-half (51%) of residents now support refurbishing existing nuclear facilities.

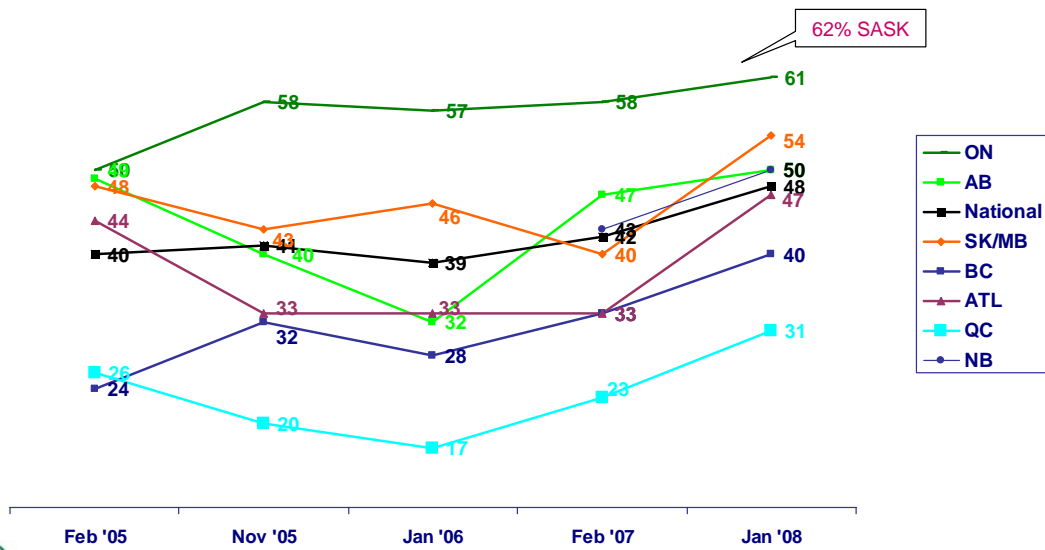
Ipsos Support for Refurbishing by Region, Tracking



Canadian Nuclear Association / Association nucléaire canadienne
 Many large power-generating plants in Canada with various fuel sources will have to be replaced over the next 10 to 15 years because they are aging. In Ontario 80% of the plants will have to be replaced. In order to help meet Canada's future electricity demand, would you strongly support, somewhat support, somewhat oppose or strongly oppose [ROTATE OPTIONS] And how about...Base: Jan 08 N=2187 Feb 07 N=2123, Jan 06 N=1000, Nov 05 N=1000

Similarly, support for building new nuclear power plants also continues to increase across the country, namely in the Prairie provinces (+14 points) (led by Saskatchewan), the Atlantic provinces (led by New Brunswick) (+14 points), Quebec (+8 points) and, British Columbia (+7 points).

Ipsos Support for New Builds by Region, Tracking



62% SASK



Many large power-generating plants in Canada with various fuel sources will have to be replaced over the next 10 to 15 years because they are aging. In Ontario 80% of the plants will have to be replaced. In order to help meet Canada's future electricity demand, would you strongly support, somewhat support, somewhat oppose or strongly oppose [ROTATE OPTIONS] And how about...Base: Jan 08 N=2187 Feb 07 N=2123, Jan 06 N=1000, Nov 05 N=1000

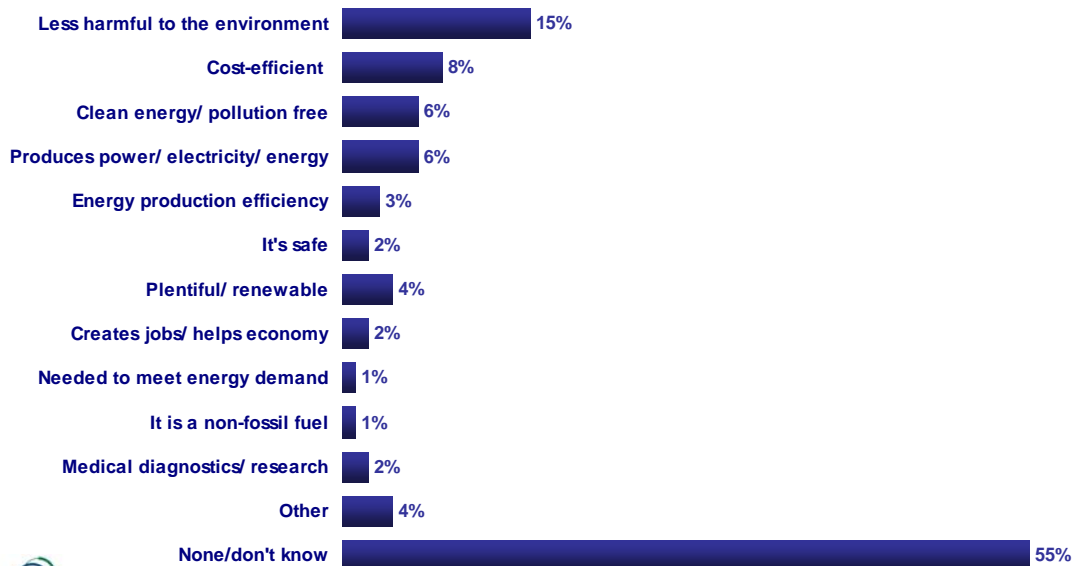
ATTITUDES TOWARDS NUCLEAR ENERGY

Perceived Benefits and Concerns of Nuclear-Generated Power

More than one-half (55%) of Canadians cannot mention any top of mind benefits to nuclear power. Among Canadians who do see a top of mind benefit, one-in-five (21%) see it as an environmentally-friendly (15%) and a clean (6%) source of electricity (unaided).



Top-of-Mind Benefits of Nuclear Power



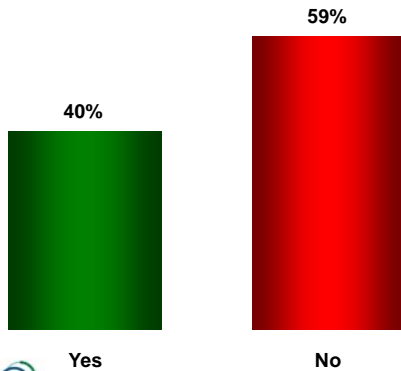
What benefits, if any, do you associate with the generation of nuclear power? (Unaided) Jan 08 Base: N=2187

Among Canadians who have recently read, seen, or heard anything about nuclear power, the building or refurbishment of nuclear power plants is the single issue most recalled (20%). Approximately, only one-in-seven (16%) recall an issue associated with the recent closure of the Chalk River facility.

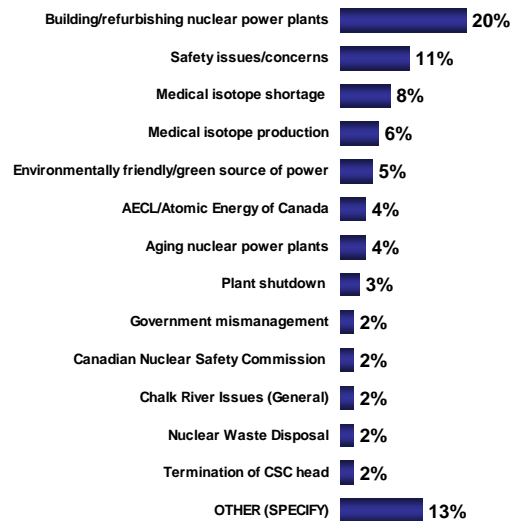


Read, Seen, Or Heard Anything Recently About Nuclear Power?

Read, Seen or Heard Anything Recently About Nuclear Power



What Has Been Read, Seen or Heard Recently About Nuclear Power



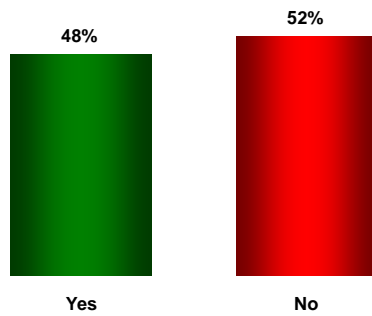
Have you read, seen, or heard anything recently about nuclear power? Base: N=2187 What have you read, seen or heard recently? Base: N=1008

Among Canadians who have recently read, seen, or heard anything about the recent circumstances surrounding the production of medical isotopes through nuclear technology in Canada, the closing of the nuclear plant (general) is the issue most recalled (35%). One-quarter (27%) of Canadians recalled the shortage of medical isotopes.

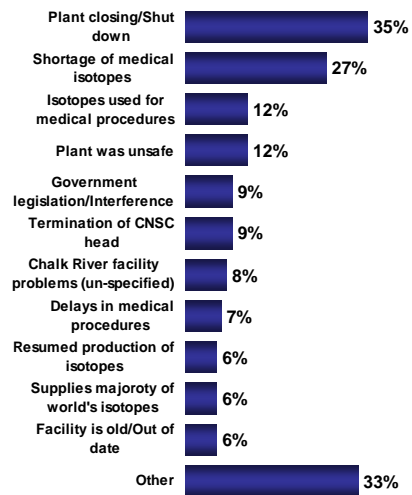


Medical Isotope Production

Read, Seen or Heard Anything About the Recent Circumstances Surrounding the Production of Medical Isotopes Through Nuclear Technology in Canada



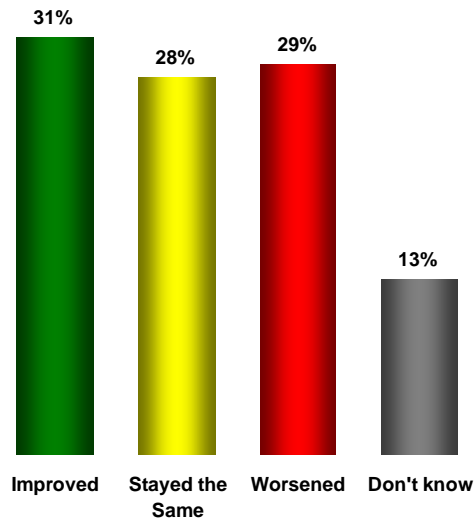
What can be recalled?



And by the way, have you read, seen, or heard anything about the recent circumstances surrounding the production of medical isotopes through nuclear technology in Canada? What have you read seen or heard about the production of medical isotopes through nuclear technology in Canada?
 Base: N=2187 What have you read, seen or heard about the production of medical isotopes though nuclear technology in Canada? N=1224

A majority (59%) of Canadians feel their confidence in the nuclear industry has improved (31%) or stayed the same (28%) in the past 12 months. Approximately, three-in-ten (29%) feel their confidence has worsened in the past 12 months.

 **Confidence in Canadian Nuclear Industry**

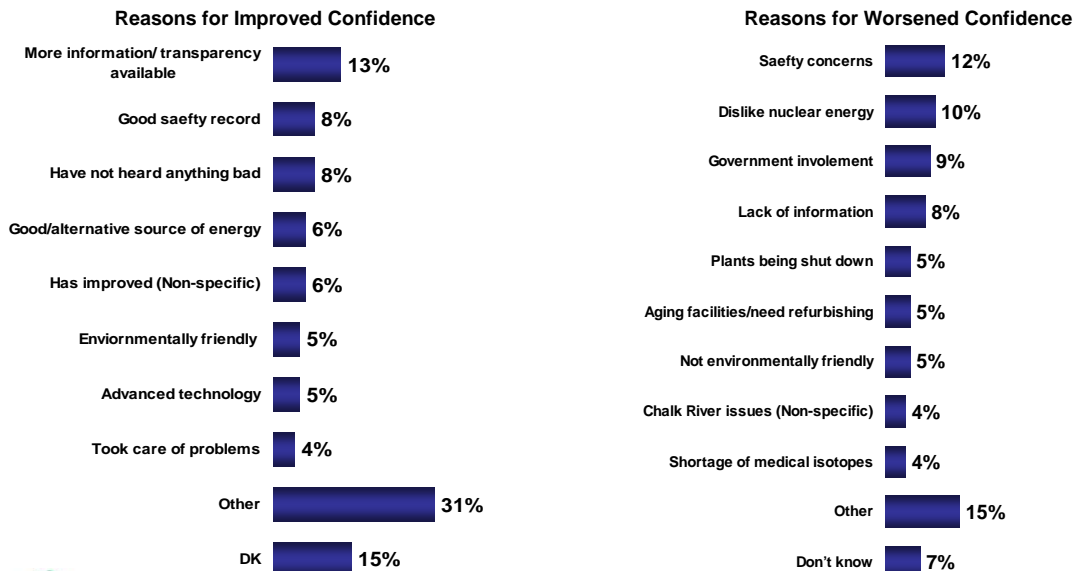


Would you say that your confidence in the Canadian nuclear industry has improved or worsened in the past 12 months? Base: N=2187

Canadians most often cite more information and transparency (13%), good safety record (8%), and no bad news (8%) for their increased confidence in the nuclear industry. While safety concerns (12%), dislike for nuclear energy (10%), and government involvement (9%) is cited as reasons for worsened confidence.



Confidence In Canadian Nuclear Industry: Reasons



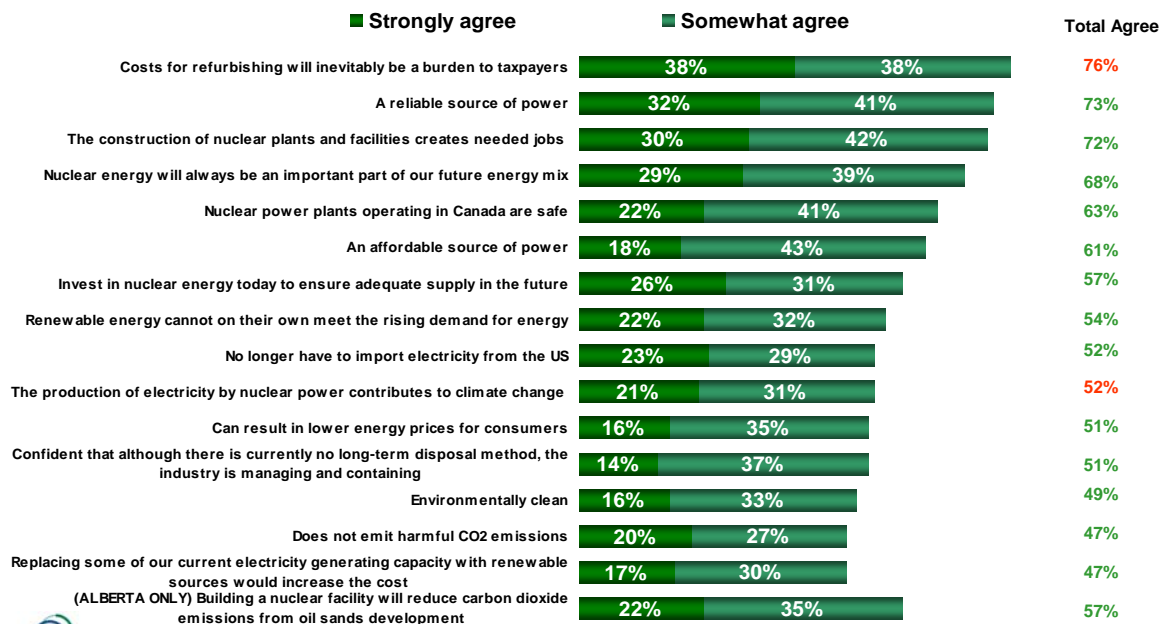
Why would you say [improved]? Base: N= 647 Why would you say [worsened]? Base: N=658

Attitudes Around Nuclear

Regarding positive statements about nuclear energy, 73% agree that nuclear energy is a reliable source of power, 72% agree that the construction of nuclear power plants and facilities creates needed jobs, and 68% agree that nuclear energy will always be an important part of our future energy mix. Conversely, three-quarters (76%) of Canadians also agree that the costs associated with refurbishing will inevitably be a burden to taxpayers and 52% agree that the production of electricity by nuclear power contributes to climate change.




National Attitudes Towards Nuclear



I am now going to read you a number of statements about nuclear energy and I'd like you to tell me whether or not you agree with each. Would you say that you strongly agree, somewhat agree, somewhat disagree, or strongly disagree with the following? Jan 08 Base: N=2187

As noted in the tables below, while there is some regional variation in specific attitudes towards nuclear energy, the ordering of the attributes is generally consistent.



Regional Attitudes Toward Nuclear

	Nat'l %	BC %	AB %	SK %	SK/MB %	ON %	QC %	Atl %	NB %
Costs for refurbishing will inevitably be a burden to taxpayers	76	77	69	68	71	77	77	83	82
A reliable source of power	73	68	74	75	72	84	57	80	85
Construction of nuclear plants creates needed jobs	72	66	74	78	75	83	54	76	76
Nuclear energy will always be an important part of our future energy mix	68	62	68	77	70	79	52	73	76
Nuclear power plants operating in Canada are safe	63	59	58	65	63	71	56	61	67
An affordable source of power	61	58	64	70	68	71	41	65	64
Invest in nuclear today to ensure adequate supply	57	53	56	64	56	71	38	57	62
Renewable sources of energy cannot on their own meet the rising demand for energy	54	49	49	56	51	66	44	45	47
No longer have to import electricity from US	52	44	56	61	52	65	35	50	48
The production of electricity from nuclear power contributes to climate change	52	53	53	47	50	48	57	61	63



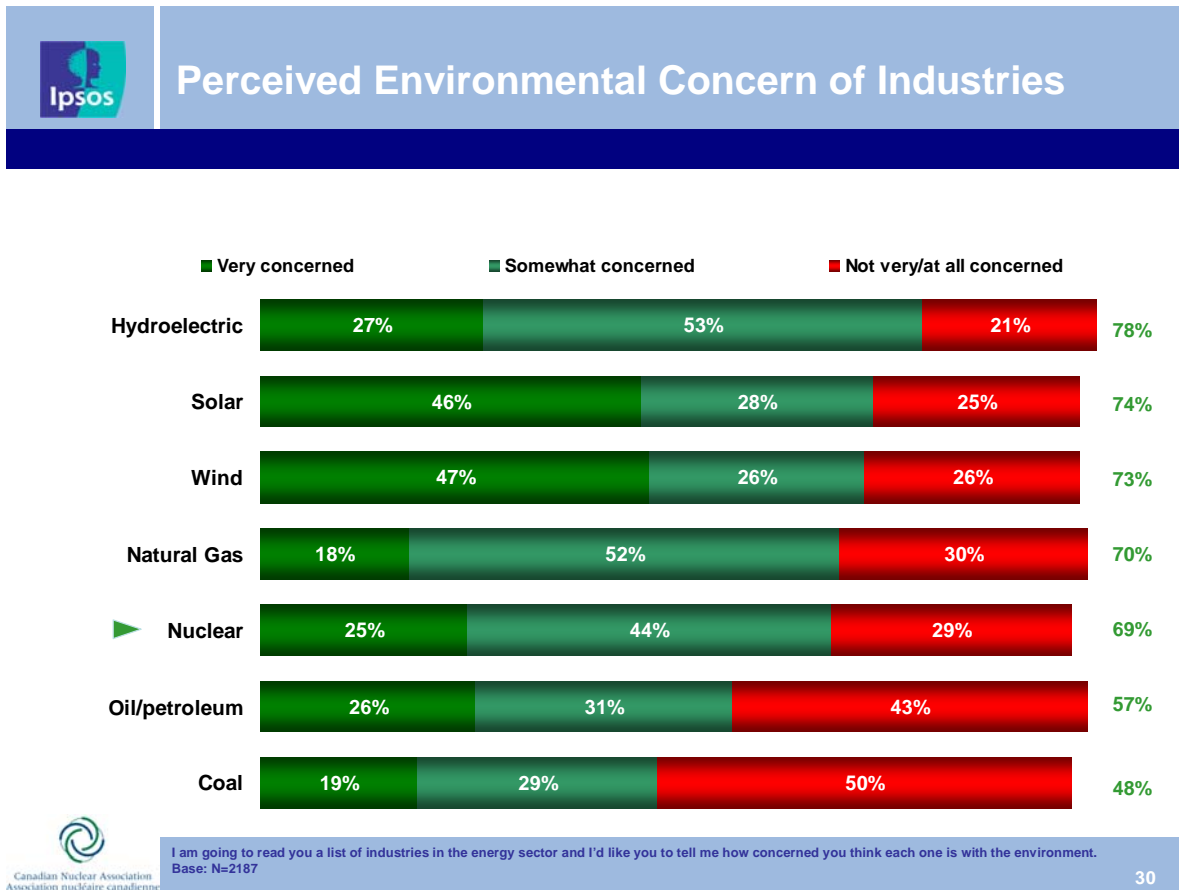

Regional Attitudes Toward Nuclear

	Nat'l %	BC %	AB %	SK %	SK/MB %	ON %	QC %	Atl %	NB %
Can result in lower energy prices for consumers	51	53	53	60	59	58	35	55	60
Confident that although there is currently no long-term disposal method, the industry is managing and containing waste at secured sites	51	50	49	57	54	58	41	55	59
Environmentally clean	49	46	43	61	53	58	36	53	57
Does not emit harmful CO2 emissions	47	43	47	56	52	53	36	56	49
Replacing some of our current electricity generating capacity renewable sources would increase the cost	47	47	43	52	50	50	39	51	47
(ALBERTA ONLY) Building a nuclear facility will reduce carbon dioxide emissions from oil sands development	57	-	57	-	-	-	-	-	-




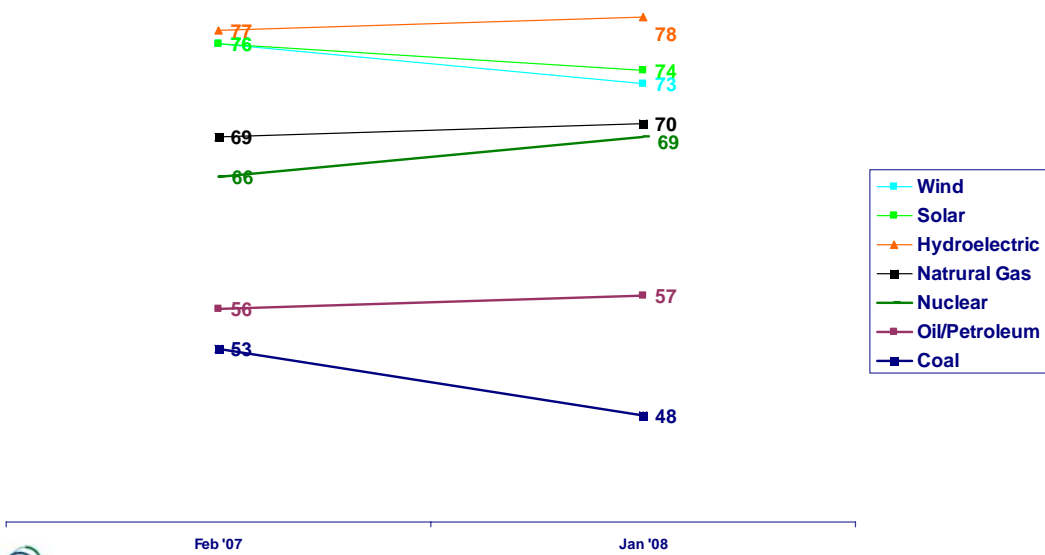
Perceived Environmental Concern of Generation Method

Overall, the nuclear industry compares generally favourably to other forms of electricity generation concerning the environment. Seven-in-ten (69%) Canadians would say the nuclear industry is concerned with the environment, placing it above coal (48%) and oil/petroleum (57%), but below hydro (78%), solar (74%), wind (73%), and natural gas (70%).



More people today feel the nuclear industry is concerned with the environment (+3 points) than in the year previous.

 **Perceived Environmental Concern of Industries, Tracking**



KEEPING PACE

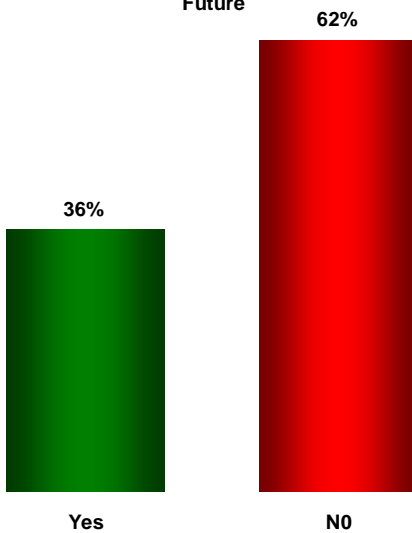
Shortage of Supply

Among those who feel they will face an electricity shortage in their community (36%), less than one-half (43%) feel it will happen within the next five years.

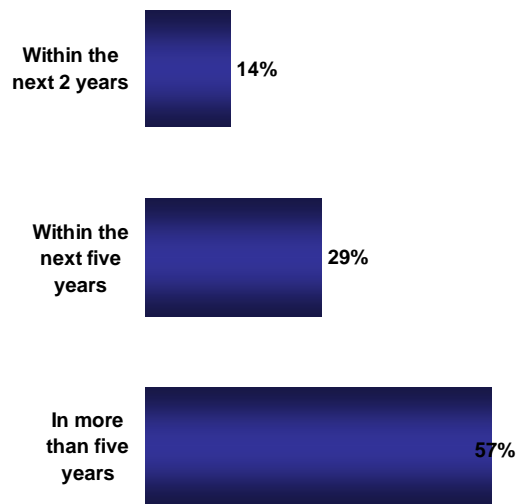


Electricity Shortage In Their Community

People and Businesses in Community Will Face an Electricity Shortage in the Near Future




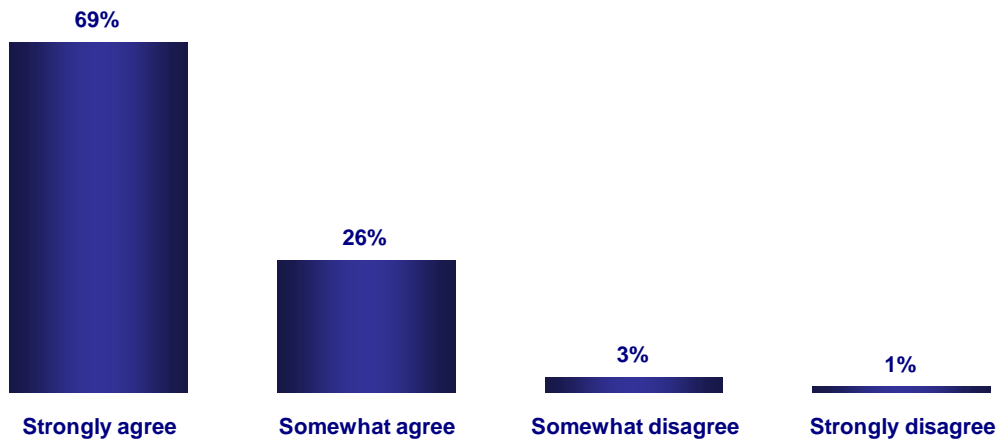
When Will Shortage of Electricity Occur



Do you feel that people and businesses in your community will face an electricity shortage in the near future? Base: N=2187 When do you think this shortage of electricity will occur? Do you think it will be . . . Base: N=757

Almost all (95%) Canadians either strongly agree (69%) or somewhat agree (26%) that the government needs to do more now to ensure we have an adequate supply of electricity for the future.

 **Government's Role To Ensure Adequate Supply Of Electricity**



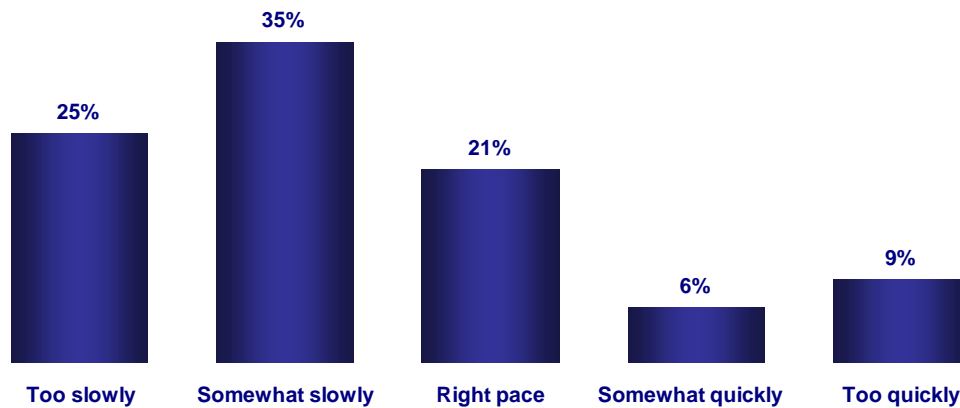
Do you strongly agree, somewhat agree, somewhat disagree, or strongly disagree that the government needs to do more now to ensure we have an adequate supply of electricity for the future? Base: N=2187 34

Ontario: Government Action

In Ontario, a majority (60%) feel the government is moving either too slowly (25%) or somewhat slowly (35%) in building new nuclear power facilities.




Pace Of Building New Nuclear Power Plants

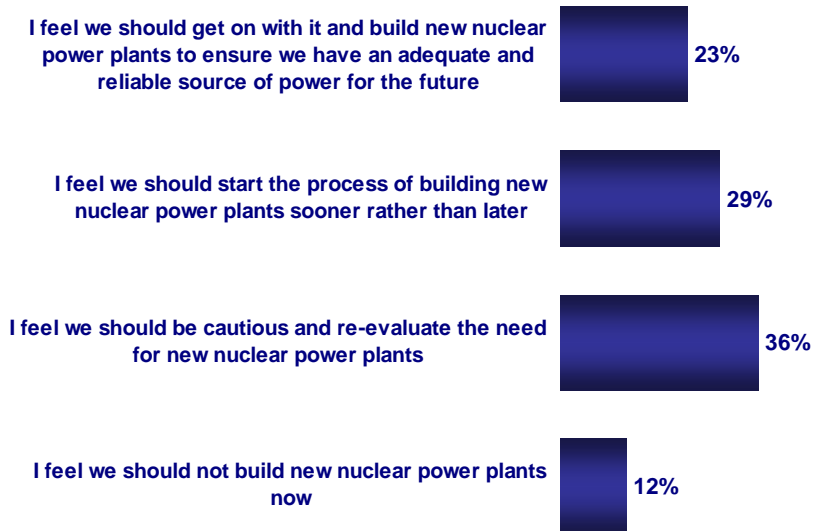


As you may know, the government of Ontario has approved the replacement and refurbishment of existing nuclear power plants, some of which will be closed beginning in 2012 because of the end of their life cycle. Based on what you have read, seen, or heard do you feel the government is moving too slowly, somewhat slowly, at the right pace, somewhat quickly, or too quickly in building new nuclear power plants? Base: N=2187

One-half (52%) of Ontarians believe we should move forward and get on with it (23%) or start the process (29%) and build new nuclear power plants now; only one-in-ten (12%) feel the we should not build nuclear plants now.



Building New Nuclear Power Plants



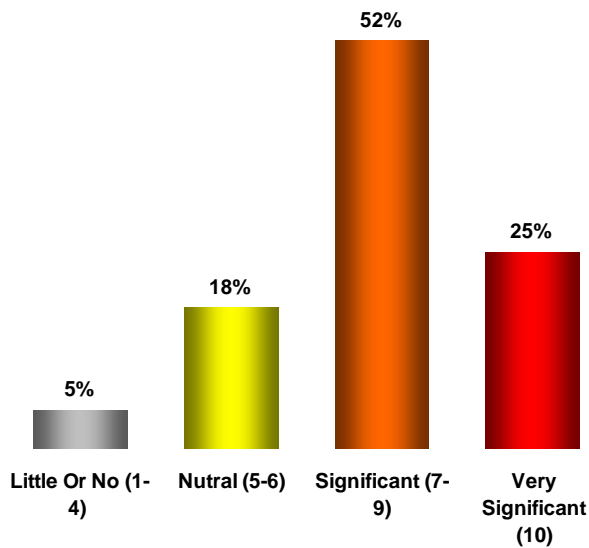
Please tell me which of the following statements are closer to your view. Please select only one. Base: N=2187

Rising Energy Costs

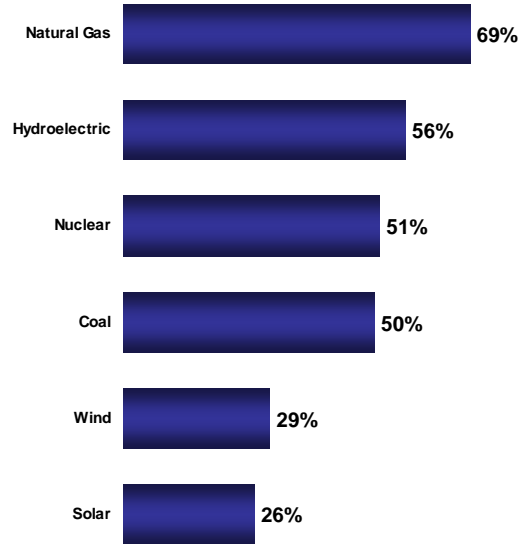
Two-thirds (77%) of Canadians feel rising energy costs will have a significant effect on the cost of electricity, namely the cost of electricity generated by natural gas (69%).



Affect of rising energy costs on electricity



Method of generation



Over the past year the cost of fossil fuels such as gasoline, oil, and natural gas has increased significantly. Do you feel that rising energy costs will affect the price of electricity in the future? Please indicate your response on a scale of 1 to 10 where 1 means no affect and 10 means a very significant affect. Base: N=2188 AND Considering the following methods of producing electricity, which do you think will be most affected by rising energy costs? (Record first, second, and third response) Base: N=2187

APPENDIX I – BILINGUAL QUESTIONNAIRE

1. Now, thinking of the issues presently confronting the province of [INSERT PROVINCE] and people like yourself, which one do you feel should receive the greatest attention from the provincial government, that is the one thing they should give top priority to? [DO NOT READ LIST. RECORD FIRST AND ASK QUESTION AGAIN TO RECORD SECOND MENTION. IF UNSURE, ENCOURAGE BEST GUESS]

1. Veuillez maintenant songer aux enjeux auxquels le/l'[INSÉRER LA PROVINCE] et les personnes comme vous font face à l'heure actuelle. Selon vous, lequel devrait recevoir le plus d'attention de la part du gouvernement de la province, c'est-à-dire auquel le gouvernement devrait-il accorder la plus grande priorité? [NE PAS LIRE LA LISTE. INSCRIRE LA PREMIÈRE RÉPONSE, PUIS RELIRE LA QUESTION ET INSCRIRE LA DEUXIÈME RÉPONSE. SI INCERTAIN, DEMANDER DE DONNER LA MEILLEURE APPROXIMATION.]

Medicare/Healthcare

Régime d'assurance-maladie/soins de santé

Education/Schools

Éducation/écoles

Environment/Pollution

Environnement/pollution

Taxes/Tax Reform/GST

Impôts/réforme fiscale/TPS

Crime/Violence

Criminalité/violence

Electricity/Hydro

Électricité/Hydro

New Nuclear Power/ Nuclear Environmental Assessment

Nouvelle énergie nucléaire/évaluation environnementale du nucléaire

Energy - unspecified

Énergie – non précisé

Social Services - Pensions/Day-care/Housing

Services sociaux – Pensions/garderies/logement

Jobs/Unemployment

Emplois/chômage

Children's Issues

Enjeux touchant les enfants

Poverty/The Poor/Welfare/Homeless

Pauvreté/les pauvres/aide sociale/les sans-abri

Economy/Interest Rates

Économie/taux d'intérêt

Security /Terrorism

Sécurité/terrorisme

Immigration/Refugees

Immigration/réfugiés

Deficit/Government spending

Déficit/dépenses publiques
Government/ politics/ political leadership
Gouvernement/politiciens/direction politique
Garbage/Recycling/Landfill Expansion
Déchets/recyclage/agrandissement des sites d'enfouissement
Gun control
Contrôle des armes à feu
Police Issues
Enjeux touchant les forces policières
Provincial By-laws
Règlements provinciaux
Other [SPECIFY]
Autre [PRÉCISER]
None are important/No others
Aucun de ces enjeux n'est important/aucun autre enjeu
Don't know/Refused
Ne sait pas/Refus

2. I am now going to read you a list of several ways to produce electricity. Please tell me whether you strongly support, somewhat support, somewhat oppose, or strongly oppose each way of producing electricity. How about... [RANDOMIZE] [INSERT ITEM] [IF NECESSARY: Please tell me whether you strongly support, somewhat support, somewhat oppose, or strongly oppose this way of producing electricity.]

2. Je vais maintenant vous lire une liste de divers moyens de produire de l'électricité. Veuillez me dire si vous êtes fortement pour, plutôt pour, plutôt contre ou fortement contre chacun de ces moyens de produire de l'électricité. En ce qui concerne... [AU HASARD] [INSÉRER UN ÉLÉMENT] [LIRE AU BESOIN : Veuillez me dire si vous êtes fortement pour, plutôt pour, plutôt contre ou fortement contre ce moyen de produire de l'électricité.]

Nuclear energy
L'énergie nucléaire
Hydroelectric power
L'énergie hydraulique
Coal
Le charbon
Natural gas
Le gaz naturel
Solar power
L'énergie solaire
Wind power
L'énergie éolienne

Strongly support
Fortement pour
Somewhat support

Plutôt pour
Somewhat oppose
Plutôt contre
Strongly oppose
Fortement contre

3. Do you strongly agree, somewhat agree, somewhat disagree or strongly disagree that...?
[RANDOMIZE]

3. Êtes-vous fortement d'accord, plutôt d'accord, plutôt en désaccord ou fortement en désaccord pour dire que...? [AU HASARD]

We have enough electricity in my province to meet our future needs

Dans ma province, nous produisons suffisamment d'électricité pour répondre à nos besoins futurs

Conservation efforts by consumers will not offset the growing demand for energy

Les efforts que font les consommateurs pour économiser l'énergie ne compenseront pas la demande croissante en énergie

Strongly agree
Fortement d'accord
Somewhat agree
Plutôt d'accord
Somewhat disagree
Plutôt en désaccord
Strongly disagree
Fortement en désaccord

4. What benefits, if any, do you associate with the generation of nuclear power? [DO NOT READ; ACCEPT ALL RESPONSES]

4. S'il y a lieu, quels avantages associez-vous à la production d'énergie nucléaire? [NE PAS LIRE; ACCEPTER TOUTES LES RÉPONSES]

Less harmful to the environment than other energy sources

Moins dommageable pour l'environnement que d'autres sources d'énergie

Cost-efficient alternative

Solution de rechange économique

Produces power/ electricity/ energy

Produit de l'électricité/de l'énergie

Energy production efficiency

Efficacité énergétique

Medical diagnostics/ research

Diagnostics médicaux/recherches médicales

Plentiful/ renewable

Abondance/renouvelable

Creates jobs/ helps economy

Crée des emplois/contribue de façon favorable à l'économie

Advanced technology/ research

Technologie/recherche de pointe

Needed to meet energy demand

Nécessaire pour répondre à la demande en énergie

It is a non-fossil fuel

C'est un combustible non fossile

It is a safe technology/ energy source
 C'est une source d'énergie/une technologie sans danger
 Environmentally friendly/green
 Écologique/énergie verte
 Other SPECIFY
 Autre PRÉCISER
 None/ no benefits
 Aucun/aucun avantage
 Don't know/Refused
 Ne sait pas/Refus

5. Today, the largest fuel sources for electricity production in Canada are hydro, coal, and nuclear. Over the next 25 years, the demand for electricity on average is expected to increase by almost 40%. What role do you believe that nuclear power should play in [INSERT PROVINCE] for the next few decades...more than it is today, less than it is today, or the same as today?

5. De nos jours, les plus importantes sources d'électricité au Canada sont l'énergie hydraulique, le charbon et l'énergie nucléaire. Au cours des 25 prochaines années, on prévoit que la demande moyenne en électricité augmentera de près de 40 %. D'après vous, quel rôle l'énergie nucléaire devrait-elle jouer au/en [INSÉRER UNE PROVINCE] au cours des prochaines décennies... un rôle plus grand, moins grand, ou le même rôle qu'en ce moment?

More
 Plus grand
 Less
 Moins grand
 Same
 Le même

6. Many large power-generating plants in Canada with various fuel sources will have to be replaced over the next 10 to 15 years because they are aging. [ONTARIO ONLY: In Ontario 80% of the plants will have to be replaced.] In order to help meet Canada's future electricity demand, would you strongly support, somewhat support, somewhat oppose or strongly oppose [ROTATE OPTIONS] And how about...

6. Au Canada, nombre de grandes centrales énergétiques faisant appel à diverses sources d'énergie devront être remplacées au cours des 10 à 15 prochaines années parce qu'elles vieillissent. [ONTARIO SEULEMENT : En Ontario, 80 % des centrales devront être remplacées.] Pour que le Canada puisse répondre à la future demande en électricité, seriez-vous fortement pour, plutôt pour, plutôt contre ou fortement contre le fait de [FAIRE LA ROTATION DES ÉLÉMENTS] Et de...?

Upgrading and refurbishing existing nuclear power plants
 Moderniser et remettre à neuf les centrales nucléaires existantes
 Building new nuclear power plants
 Construire de nouvelles centrales nucléaires

Strongly support
 Fortement pour
 Somewhat support
 Plutôt pour
 Somewhat oppose
 Plutôt contre
 Strongly oppose
 Fortement contre

7. Have you read, seen, or heard anything recently about nuclear power?

7. Avez-vous vu, lu ou entendu quoi que ce soit récemment sur l'énergie nucléaire?

Yes

Oui

No

Non

[If yes in Q7 ask Q8 otherwise skip to Q9]

[If yes in Q7 ask Q8 otherwise skip to Q9]

8. What have to read, seen, or heard recently? [Do not read list. Probe for best response]

8. Qu'avez-vous vu, lu ou entendu récemment? [Ne pas lire la liste. Sonder pour obtenir la meilleure réponse.]

Medical isotope production

Production d'isotopes médicaux

Medical isotope shortage

Pénurie d'isotopes médicaux

Safety issues/concerns

Enjeux/problèmes de sécurité

Government mismanagement

Mauvaise gestion par le gouvernement

AECL/Atomic Energy of Canada/Chalk River

EACL/Énergie atomique du Canada/Chalk River

Canadian Nuclear Safety Commission

Commission canadienne de sûreté nucléaire

Building/refurbishing nuclear power plants

Construction/remise à neuf de centrales nucléaires

Aging nuclear power plants

Vieillessement des centrales nucléaires

Environmentally friendly/green source of power

Source d'énergie écologique/verte

OTHER (SPECIFY)

AUTRE (PRÉCISER)

9. Would you say that your confidence in the Canadian nuclear industry has improved or worsened in the past 12 months?

9. Diriez-vous que votre confiance dans l'industrie nucléaire canadienne s'est améliorée ou s'est détériorée au cours des 12 derniers mois?

Improved

S'est améliorée

Worsened

S'est détériorée

[If improved in Q9 ask Q10 otherwise skip to Q11]

[If improved in Q9 ask Q10 otherwise skip to Q11]

10. Why would you say that? [Record first response]
 10. Pourquoi dites-vous cela? [Inscrire la première réponse]

RECORD RESPONSE
 INSCRIRE LA RÉPONSE

[If worsened in Q9 ask Q11 otherwise skip to Q12]
 [If worsened in Q9 ask Q11 otherwise skip to Q12]

11. Why would you say that? [Record first response]
 11. Pourquoi dites-vous cela? [Inscrire la première réponse]

RECORD RESPONSE
 INSCRIRE LA RÉPONSE

12. I am now going to read you some statements about nuclear energy and I'd like you to tell me whether or not you agree with each. Would you say that you strongly agree, somewhat agree, somewhat disagree, or strongly disagree? [RANDOMIZE] [If respondent asks how much longer will this take? Interviewer please read: There are just a few more important statements] And what about...

12. Je vais maintenant vous lire des énoncés sur l'énergie nucléaire et j'aimerais savoir si vous êtes d'accord ou en désaccord avec chacun d'eux. Diriez-vous que vous êtes fortement d'accord, plutôt d'accord, plutôt en désaccord ou fortement en désaccord avec les énoncés suivants? [AU HASARD] [Si le répondant demande combien plus de temps le sondage prendra? Interviewer veuillez répondre: Il n'y a que quelques importants énoncés qui doivent être posés] En ce qui concerne l'énoncé...

Nuclear energy is an affordable source of power

L'énergie nucléaire est une source d'énergie abordable

Nuclear energy is environmentally clean

L'énergie nucléaire est propre pour l'environnement

Nuclear energy does not emit harmful CO2 emissions into the atmosphere

La production d'énergie nucléaire n'entraîne pas d'émissions nocives de dioxyde de carbone dans l'atmosphère

Nuclear energy is a reliable source of power

L'énergie nucléaire est une source d'énergie fiable

More nuclear energy can result in lower energy prices for consumers

Une plus grande quantité d'énergie nucléaire peut signifier une baisse des prix de l'énergie pour les consommateurs

Renewable sources of energy, such as hydroelectric, wind and solar sources of energy, cannot on their own meet the rising demand for energy

Les sources d'énergie renouvelables, comme l'hydroélectricité, l'énergie éolienne et l'énergie solaire, ne peuvent à elles seules répondre à la demande croissante d'énergie

Nuclear power plants operating in Canada are safe

Les centrales nucléaires en activité au Canada sont sécuritaires

Nuclear energy will always be an important part of our future energy mix

L'énergie nucléaire représentera toujours une part importante de nos sources d'énergie futures

I am confident that although there is currently no long-term disposal method for nuclear waste, the industry is appropriately managing and containing waste at secured sites.

Je suis persuadé que, même s'il n'existe pas en ce moment de moyen d'éliminer les déchets nucléaires à long terme, l'industrie est bien gérée et les déchets sont conservés dans des endroits sûrs

The costs associated with refurbishing existing nuclear plants will inevitably be a burden to taxpayers

Les coûts associés à la remise à neuf de centrales nucléaires existantes deviendront inévitablement un fardeau pour les contribuables

The construction of nuclear plants and facilities creates needed jobs

La construction de centrales et d'installations nucléaires crée des emplois dont nous avons besoin

New nuclear plants means we would no longer have to import electricity from the US

Avec de nouvelles centrales nucléaires, nous n'aurions plus à importer d'électricité des États-Unis

We need to invest in nuclear energy today in order to ensure we have an adequate supply of electricity in the future

Nous devons investir dans l'énergie nucléaire aujourd'hui pour assurer un approvisionnement adéquat en électricité dans l'avenir

Replacing some of our current electricity generating capacity with more renewable sources such as wind and solar would increase the cost of electricity generation substantially

Le remplacement de certaines de nos sources actuelles de production d'électricité par un plus grand nombre de sources renouvelables, comme l'énergie éolienne ou l'énergie solaire, ferait augmenter considérablement le coût de production de l'électricité

The production of electricity by nuclear power contributes to climate change

La production d'électricité par l'énergie nucléaire contribue aux changements climatiques

(ALBERTA ONLY) Building a nuclear facility will reduce carbon dioxide emissions from oil sands development

(ALBERTA SEULEMENT) La construction d'une centrale nucléaire réduira les émissions de dioxyde de carbone attribuables au développement des sables bitumineux

Strongly agree

Fortement d'accord

Somewhat agree

Plutôt d'accord

Somewhat disagree

Plutôt en désaccord

Strongly disagree

Fortement en désaccord

13. Do you feel that people and businesses in your community will face an electricity shortage in the near future?

13. D'après vous, les gens et les entreprises de votre communauté feront-ils face à une pénurie d'électricité dans un avenir rapproché?

Yes

Oui

No

Non

[If Yes in Q13 ask Q14 otherwise skip to Q15]

[If Yes in Q13 ask Q14 otherwise skip to Q15]

14. When do you think this shortage of electricity will occur? Do you think it will be... [Read list]

14. Quand cette pénurie d'électricité surviendra-t-elle à votre avis? Est-ce que ce sera... [Lire la liste]

Within the next 2 years

D'ici deux ans

Within the next five years

D'ici cinq ans

In more than five years

Dans plus de cinq ans

15. Do you strongly agree, somewhat agree, somewhat disagree, or strongly disagree that the government needs to do more now to ensure we have an adequate supply of electricity for the future?

15. Êtes-vous fortement d'accord, plutôt d'accord, plutôt en désaccord ou fortement en désaccord pour dire que le gouvernement doit en faire plus pour assurer un approvisionnement adéquat en électricité dans l'avenir?

Strongly agree

Fortement d'accord

Somewhat agree

Plutôt d'accord

Somewhat disagree

Plutôt en désaccord

Strongly disagree

Fortement en désaccord

[Ask Ontario Only]

[Ask Ontario Only]

16. As you may know, the government of Ontario has approved the replacement and refurbishment of existing nuclear power plants, some of which will be closed beginning in 2012 because of the end of their life cycle. Based on what you have read, seen, or heard do you feel the government is moving too slowly, somewhat slowly, at the right pace, somewhat quickly, or too quickly in building new nuclear power plants?

16. Comme vous le savez peut-être, le gouvernement de l'Ontario a approuvé le remplacement et la remise à neuf de centrales nucléaires existantes, dont certaines fermeront leurs portes en 2012 parce qu'elles auront atteint la fin de leur cycle de vie. À la lumière de ce que vous avez vu, lu ou entendu, jugez-vous que le gouvernement agit trop lentement, plutôt lentement, à un bon rythme, plutôt vite ou trop vite pour ce qui est de construire de nouvelles centrales nucléaires?

Too slowly

Trop lentement

Somewhat slowly

Plutôt lentement

Right pace

À un bon rythme

Somewhat quickly

Plutôt vite

Too quickly

Trop vite

[Ask Ontario Only]

[Ask Ontario Only]

[Ask Ontario Only]

[Ask Ontario Only]

17. Please tell me which of the following statements are closer to your view. Please select only one.

[Read List]

17. Veuillez me dire lequel des énoncés suivants se rapproche le plus de votre point de vue. Veuillez choisir une seule réponse. [Lire la liste.]

I feel we should get on with it and build new nuclear power plants to ensure we have an adequate and reliable source of power for the future

Je crois que nous devrions nous y mettre et construire de nouvelles centrales nucléaires pour faire en sorte que nous ayons une source d'énergie adéquate et fiable pour l'avenir

I feel we should start the process of building new nuclear power plants sooner rather than later

Je crois que nous devrions commencer à construire de nouvelles centrales nucléaires plus tôt que tard

I feel we should be cautious and re-evaluate the need for new nuclear power plants

Je crois que nous devrions être prudents et réévaluer la nécessité de nouvelles centrales nucléaires

I feel we should not build new nuclear power plants now

Je crois que nous ne devrions pas construire des nouvelles centrales nucléaires tout de suite

18. Over the past few years the cost of fossil fuels such as gasoline, oil, and natural gas has increased significantly. Do you feel that rising energy costs will affect the price of electricity in the future? Please indicate your response on a scale of 1 to 10 where 1 means no affect at all and 10 means a very significant affect.

18. Au cours des dernières années, le coût des combustibles fossiles comme l'essence, le mazout et le gaz naturel a sensiblement augmenté. Croyez-vous que la hausse des coûts énergétiques aura une incidence sur le prix de l'électricité dans l'avenir? Veuillez répondre sur une échelle de 1 à 10, où 1 signifie aucune incidence, et 10, une très grande incidence.

1 – No affect at all

1 – Aucune incidence

2

3

4

5

6

7

8

9

10 – Very significant affect

10 – Une très grande incidence

19. Considering the following methods of producing electricity, which do you think will be most affected by rising energy costs. [Randomize and record first response and ask question again (not including first response) and record second response and ask question again (not including 1st and 2nd response) and

record third response]] [Read after first response: and how about] [Read List each time] [Read after first response: What is your second choice?] [Read after second response: What is your third choice?]

19. Sur lesquels des moyens suivants de produire de l'électricité la hausse des coûts énergétiques aura-t-elle le plus d'incidence selon vous? [Au hasard. Inscrive la première réponse, puis poser la question de nouveau (sans la première réponse) et inscrire la deuxième réponse, puis poser la question de nouveau (sans les première et deuxième réponses) et inscrire la troisième réponse.] [Lire après la première réponse : et qu'en est-il de] [Lire la liste chaque fois] [Lire après la première réponse : Quel est votre deuxième choix?][Lire après la deuxième réponse : Quel est votre troisième choix?]

Coal

Le charbon

Natural Gas

Le gaz naturel

Nuclear

L'énergie nucléaire

Hydroelectric

L'hydroélectricité

Solar

L'énergie solaire

Wind

L'énergie éolienne

20. I'm now going to read you a list of industries in the energy sector and I'd like you to tell me how concerned you think each one is with the environment. Please rate each as very concerned, somewhat concerned, not very concerned, or not at all concerned. [RANDOMIZE and Read list]

20. Je vais maintenant vous lire une liste d'industries du secteur de l'énergie, et j'aimerais savoir dans quelle mesure selon vous chacune d'elles est préoccupée par l'environnement. Veuillez indiquer si elle est très préoccupée, plutôt préoccupée, pas très préoccupée ou pas du tout préoccupée. [AU HASARD. Lire la liste.]

The nuclear energy industry

L'industrie nucléaire

The hydroelectric energy industry

L'industrie hydroélectrique

The coal industry

L'industrie du charbon

The natural gas industry

L'industrie du gaz naturel

The solar energy industry

L'industrie de l'énergie solaire

The wind energy industry

L'industrie de l'énergie éolienne

The oil & petroleum industry

L'industrie pétrolière

Very concerned
Très préoccupée
Somewhat concerned
Plutôt préoccupée
Not very concerned
Pas très préoccupée
Not at all concerned
Pas du tout préoccupée

Now before I let you go, I just need to ask you some questions for our statistical calculations. Please remember that this information will be kept strictly confidential.

Pour terminer, j'aimerais vous poser quelques questions qui serviront à des fins de calculs statistiques. Je vous rappelle que vos réponses seront tenues strictement confidentielles.

D1. What is the highest level of formal education that you have completed? [READ LIST]

D1. Quel est le niveau de scolarité le plus élevé que vous avez complété? [LIRE LA LISTE]

Grade school or some high school

École primaire ou études secondaires en partie

Complete high school

Diplôme d'études secondaires

Complete technical or trade school/Community college

Diplôme d'études techniques ou d'une école de métiers/collégiales

Some community college or university, but did not finish

Études collégiales ou universitaires en partie

Complete university degree, such as a Bachelor's

Diplôme d'études universitaires, comme un baccalauréat

Post-graduate degree, such as a Master's or Ph.D.

Diplôme d'études universitaires de deuxième ou de troisième cycle, comme une maîtrise ou un doctorat

D2. And which of the following categories best describes your annual household income? That is, the total income before taxes – or gross income – of all persons in your household combined? Just stop me when I reach your category. [READ LIST]

D2. Et laquelle des catégories suivantes correspond le mieux au revenu annuel de votre foyer, c'est-à-dire le revenu total avant impôts – ou revenu brut – de tous les membres de votre foyer réunis? Veuillez simplement m'arrêter lorsque je lirai votre catégorie. [LIRE LA LISTE]

Under \$20,000

Moins de 20 000 \$

\$20,000 to just under \$30,000

20 000 \$ à un peu moins de 30 000 \$

\$30,000 to just under \$40,000

30 000 \$ à un peu moins de 40 000 \$

\$40,000 to just under \$60,000

40 000 \$ à un peu moins de 60 000 \$

\$60,000 to just under \$80,000

60 000 \$ à un peu moins de 80 000 \$

\$80,000 to just under \$100,000

80 000 \$ à un peu moins de 100 000 \$

\$100,000 to just under \$120,000

100 000 \$ à un peu moins de 120 000 \$

\$120,000 or more

120 000 \$ ou plus