

VOTING INSTRUCTION FORM
ATLANTIC POWER CORPORATION

SEE VOTING INSTRUCTIONS ON REVERSE
WE NEED TO RECEIVE YOUR VOTING INSTRUCTIONS AT LEAST ONE BUSINESS DAY BEFORE THE PROXY DEPOSIT DATE.

INTERNET VOTE: WWW.PROXYVOTE.COM
TELEPHONE VOTE: 1-800-474-7493

MEETING TYPE: ANNUAL MEETING
 MEETING DATE: FRIDAY, JUNE 24, 2011 AT 10:00 A.M. EDT
 RECORD DATE: FOR HOLDERS AS OF APRIL 28, 2011
 PROXY DEPOSIT DATE: JUNE 22, 2011
 ACCOUNT NUMBER: HRT2SSIA 01 OM
 CUSIP: 04878Q983 CUID: T770 C81 P12822 010 E **CONTROL NO. : 820491639155**

APPOINTEE(S) IRVING GERSTEIN, JOHN MCNEIL.
 IF YOU WISH TO ATTEND THE MEETING OR DESIGNATE ANOTHER PERSON TO ATTEND, VOTE AND ACT ON YOUR BEHALF AT THE MEETING, OR ANY ADJOURNMENT THEREOF, OTHER THAN THE PERSON(S) SPECIFIED ABOVE, PRINT YOUR NAME OR THE NAME OF THE PERSON ATTENDING THE MEETING ON THE APPOINTEE LINE BELOW.

PLEASE PRINT APPOINTEE NAME

ITEM(S)

VOTING RECOMMENDATIONS

- 1 - THE SETTING OF THE NUMBER OF DIRECTORS OF THE ISSUER AT SIX (6); -->>> FOR --->>>
- 3 - THE APPOINTMENT OF KPMG LLP AS THE AUDITORS OF THE ISSUER AND ---->>> FOR --->>>
 THE AUTHORIZATION OF THE ISSUER'S BOARD OF DIRECTORS TO FIX SUCH AUDITORS' REMUNERATION;
- 4 - THE APPROVAL OF THE NAMED EXECUTIVE OFFICER COMPENSATION AS ---->>> FOR --->>>
 DESCRIBED IN THE CIRCULAR;
- 5 - A FREQUENCY OF ONE (1) YEAR FOR THE ADVISORY VOTE ON NAMED EXECUTIVE OFFICER COMPENSATION, AS DESCRIBED IN THE CIRCULAR. FOR --->>>

NOTE THIS FORM CONFERS DISCRETIONARY AUTHORITY TO VOTE ON SUCH OTHER BUSINESS AS MAY PROPERLY COME BEFORE THE MEETING OR ANY ADJOURNMENT THEREOF.
 NOTE THIS VOTING INSTRUCTION FORM SHOULD BE READ IN CONJUNCTION WITH THE ACCOMPANYING INFORMATION CIRCULAR.

UNDER SECURITIES REGULATIONS, SECURITYHOLDERS MAY ELECT ANNUALLY TO RECEIVE THE ANNUAL FINANCIAL STATEMENTS AND MD & AS BY MAIL. INDICATE YOUR PREFERENCE IN THE APPROPRIATE BOX PROVIDED.

AIQ

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TELEPHONE VOTE AT 1-800-474-7493 OR
 INTERNET VOTE AT WWW.PROXYVOTE.COM

FOLD IN HALF - DO NOT DETACH

2 ELECTION OF DIRECTORS (FILL IN ONLY ONE BOX " " PER NOMINEE IN BLUE OR BLACK INK)
VOTING RECOMMENDATION: FOR ALL THE NOMINEES PROPOSED AS DIRECTORS

- 01-IRVING GERSTEIN FOR WITHHOLD
- 02-KENNETH HARTWICK FOR WITHHOLD
- 03-JOHN MCNEIL FOR WITHHOLD
- 04-R. FOSTER DUNCAN FOR WITHHOLD
- 05-HOLL NICHOLS FOR WITHHOLD
- 06-BARRY WELCH FOR WITHHOLD

ITEM(S) (FILL IN ONLY ONE BOX " " PER ITEM IN BLUE OR BLACK INK)

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CONTROL NO. →

820491639155



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1776 HERITAGE DRIVE
 NORTH QUINCY MA 02171

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 37
 P12822
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AVENUE INVESTMENT MANAGEMENT
 PAUL HARRIS
 47 COLBORNE STREET, STE 300
 TORONTO, ON M5E 1P8
 CANADA

SIGNATURE(S) DATE (DD/MM/YY) 25/11

INVALID IF NOT SIGNED