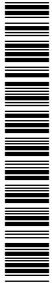


LCTQ 000001

SAM SAMPLE
123 SAMPLES STREET
SAMPLETOWN SS X9X X9X
CANADA

Security Class
COMMON SHARES

Holder Account Number
C9999999999 IND



Fold

Form of Proxy - Annual General and Special Meeting to be held on June 30, 2026

This Form of Proxy is solicited by and on behalf of Management.

Notes to proxy

1. Every holder has the right to appoint some other person or company of their choice, who need not be a holder, to attend and act on their behalf at the meeting or any adjournment or postponement thereof. If you wish to appoint a person or company other than the Management Nominees whose names are printed herein, please insert the name of your chosen proxyholder in the space provided (see reverse).
2. If the securities are registered in the name of more than one owner (for example, joint ownership, trustees, executors, etc.), then all those registered should sign this proxy. If you are voting on behalf of a corporation or another individual you may be required to provide documentation evidencing your power to sign this proxy with signing capacity stated. If you are voting on behalf of a corporation you are required to provide your name and designation of office, e.g., ABC Inc. per John Smith, President.
3. This proxy should be signed in the exact manner as the name(s) appear(s) on the proxy.
4. If a date is not inserted in the space provided on the reverse of this proxy, it will be deemed to bear the date on which it was mailed to the holder by Management.
5. **The securities represented by this proxy will be voted as directed by the holder, however, if such a direction is not made in respect of any matter, and the proxy appoints the Management Nominees listed on the reverse, this proxy will be voted as recommended by Management.**
6. The securities represented by this proxy will be voted in favour, or withheld from voting, or voted against each of the matters described herein, as applicable, in accordance with the instructions of the holder, on any ballot that may be called for. If you have specified a choice with respect to any matter to be acted on, the securities will be voted accordingly.
7. This proxy confers discretionary authority in respect of amendments or variations to matters identified in the Notice of Meeting and Management Information Circular or other matters that may properly come before the meeting or any adjournment or postponement thereof, unless prohibited by law.
8. This proxy should be read in conjunction with the accompanying documentation provided by Management.

Fold

Proxies submitted must be received by 2:00 pm, Pacific Time, on June 26, 2026.

VOTE USING THE TELEPHONE OR INTERNET 24 HOURS A DAY 7 DAYS A WEEK!



To Vote Using the Telephone

- Call the number listed BELOW from a touch tone telephone.

1-866-732-VOTE (8683) Toll Free



To Vote Using the Internet

- Go to the following web site:
www.investorvote.com
- **Smartphone?**
Scan the QR code to vote now.



If you vote by telephone or the Internet, DO NOT mail back this proxy.

Voting by mail may be the only method for securities held in the name of a corporation or securities being voted on behalf of another individual.

Voting by mail or by Internet are the only methods by which a holder may appoint a person as proxyholder other than the Management Nominees named on the reverse of this proxy. Instead of mailing this proxy, you may choose one of the two voting methods outlined above to vote this proxy.

To vote by telephone or the Internet, you will need to provide your CONTROL NUMBER listed below.

CONTROL NUMBER 23456 78901 23456

Appointment of Proxyholder

I/We being holder(s) of securities of NexGen Energy Ltd. (the "Company") hereby appoint: Leigh Curyer, or failing this person, Travis McPherson, or failing this person, Benjamin Salter (the "Management Nominees")

OR

Print the name of the person you are appointing if this person is someone other than the Management Nominees listed herein.

as my/our proxyholder with full power of substitution and to attend, act and to vote for and on behalf of the holder in accordance with the following direction (or if no directions have been given, as the proxyholder sees fit) and on all other matters that may properly come before the Annual General and Special Meeting of shareholders of the Company to be held at NexGen Office, Suite 3150, 1021 West Hastings Street, Vancouver and online at <https://emporal.ink/4tymBoT> on June 30, 2026 at 2:00 pm (Pacific Time) and at any adjournment or postponement thereof.

VOTING RECOMMENDATIONS ARE INDICATED BY **HIGHLIGHTED TEXT** OVER THE BOXES.

For

Against

1. Number of Directors

To set the number of Directors at nine (9).

2. Election of Directors

For

Withhold

01. Leigh Curyer

02. Christopher McFadden

03. Richard Patricio

04. Sharon Birkett

05. Warren Gilman

06. Sybil Veenman

07. Karri Howlett

08. Bradley Wall

09. Ivan Mullany

For

Withhold

3. Appointment of Auditors

Appointment of PricewaterhouseCoopers LLP as Auditors of the Company for the ensuing year and authorizing the Directors to fix their remuneration.

For

Against

Withhold

4. Continuation, amendment, and restatement of the Company's Shareholders Right's plan

Approve the continuation of the Amended and Restated Shareholder Rights Plan, as described in the Management Information Circular.

Signature of Proxyholder

I/We authorize you to act in accordance with my/our instructions set out above. I/We hereby revoke any proxy previously given with respect to the Meeting. If no voting instructions are indicated above, and the proxy appoints the Management Nominees, this Proxy will be voted as recommended by Management. If you are voting on behalf of a corporation you are required to provide your name and designation of office, e.g., ABC Inc. per John Smith, President.

Signature(s)

Date

DD / MM / YY

Signing Capacity

Interim Financial Statements - Mark this box if you would like to receive Interim Financial Statements and accompanying Management's Discussion and Analysis by mail.

Annual Financial Statements - Mark this box if you would like to receive the Annual Financial Statements and accompanying Management's Discussion and Analysis by mail.

Information Circular - Mark this box if you would like to receive the Information Circular by mail for the next securityholders' meeting.

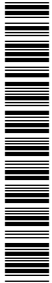
If you are not mailing back your proxy, you may register online to receive the above financial report(s) by mail at www.computershare.com/maillinglist.

LCTQ 000002

SAM SAMPLE
123 SAMPLES STREET
SAMPLETOWN SS X9X X9X
AUSTRALIA

Security Class
COMMON SHARES

Holder Account Number
C9999999999 IND



Fold

Form of Proxy - Annual General and Special Meeting to be held on June 30, 2026

This Form of Proxy is solicited by and on behalf of Management.

Notes to proxy

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6. The securities represented by this proxy will be voted in favour, or withheld from voting, or voted against each of the matters described herein, as applicable, in accordance with the instructions of the holder, on any ballot that may be called for. If you have specified a choice with respect to any matter to be acted on, the securities will be voted accordingly.
7. This proxy confers discretionary authority in respect of amendments or variations to matters identified in the Notice of Meeting and Management Information Circular or other matters that may properly come before the meeting or any adjournment or postponement thereof, unless prohibited by law.
8. This proxy should be read in conjunction with the accompanying documentation provided by Management.

Fold

Proxies submitted must be received by 2:00 pm, Pacific Time, on June 26, 2026.

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312-588-4290 Direct Dial



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OR

Print the name of the person you are appointing if this person is someone other than the Management Nominees listed herein.

as my/our proxyholder with full power of substitution and to attend, act and to vote for and on behalf of the holder in accordance with the following direction (or if no directions have been given, as the proxyholder sees fit) and on all other matters that may properly come before the Annual General and Special Meeting of shareholders of the Company to be held at NexGen Office, Suite 3150, 1021 West Hastings Street, Vancouver and online at <https://emporal.ink/4tymBoT> on June 30, 2026 at 2:00 pm (Pacific Time) and at any adjournment or postponement thereof.

VOTING RECOMMENDATIONS ARE INDICATED BY **HIGHLIGHTED TEXT** OVER THE BOXES.

	For	Against
1. Number of Directors		
To set the number of Directors at nine (9).		

2. Election of Directors	For	Withhold		For	Withhold		For	Withhold
01. Leigh Curyer			02. Christopher McFadden			03. Richard Patricio		
04. Sharon Birkett			05. Warren Gilman			06. Sybil Veenman		
07. Karri Howlett			08. Bradley Wall			09. Ivan Mullany		

	For	Withhold
3. Appointment of Auditors		
Appointment of PricewaterhouseCoopers LLP as Auditors of the Company for the ensuing year and authorizing the Directors to fix their remuneration.		

	For	Against	Withhold
4. Continuation, amendment, and restatement of the Company's Shareholders Right's plan			
Approve the continuation of the Amended and Restated Shareholder Rights Plan, as described in the Management Information Circular.			

Signature of Proxyholder

I/We authorize you to act in accordance with my/our instructions set out above. I/We hereby revoke any proxy previously given with respect to the Meeting. If no voting instructions are indicated above, and the proxy appoints the Management Nominees, this Proxy will be voted as recommended by Management. If you are voting on behalf of a corporation you are required to provide your name and designation of office, e.g., ABC Inc. per John Smith, President.

Signature(s)

Date

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