

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

SCHEDULE 14A

Proxy Statement Pursuant to Section 14(a) of  
the Securities Exchange Act of 1934

Filed by the Registrant

Filed by a Party other than the Registrant

Check the appropriate box:

Preliminary Proxy Statement

**Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))**

Definitive Proxy Statement

Definitive Additional Materials

Soliciting Material Pursuant to §240.14a-12

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**UR-ENERGY INC.**

(Name of Registrant as Specified In Its Charter)

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(Name of Person(s) Filing Proxy Statement, if other than the Registrant)

Payment of Filing Fee (Check the appropriate box):

No fee required.

Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11.

(1) Title of each class of securities to which transaction applies:

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Fee paid previously with preliminary materials.

Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing.

(1) Amount Previously Paid:

(2) Form, Schedule or Registration Statement No.:

(3) Filing Party:

(4) Date Filed:

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UR-ENERGY INC.  
10758 West Centennial Road, Suite 200  
Littleton, Colorado 80127

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**NOTICE OF ANNUAL AND SPECIAL MEETING OF SHAREHOLDERS  
TO BE HELD ON MAY 2, 2019**

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To the Shareholders of Ur-Energy Inc.:

The Annual and Special Meeting of Shareholders of Ur-Energy Inc. (the “Company”), will be held at the Hampton Inn & Suites, 7611 Shaffer Parkway, Littleton, Colorado 80127, on Thursday, May 2, 2019 at 1:00 p.m. local time to receive the audited consolidated financial statements of the Company for the year ended December 31, 2018, together with the report from the auditors thereon, and for the purpose of considering and voting upon proposals to:

1. Elect seven (7) directors, each to serve until the next annual meeting of shareholders of the Company or until their successors are elected and appointed;
2. Re-appoint PricewaterhouseCoopers LLP, Chartered Professional Accountants, as the independent auditors of the Company and to authorize the directors to fix the remuneration of the auditors;
3. Approve, in an advisory (non-binding) vote, the compensation of the Company’s named executive officers (“say-on-pay”);
4. Ratify, confirm and approve the renewal of the Ur-Energy Inc. Amended Restricted Share Unit Plan (the “RSU Plan”), and approve and authorize for a period of three years all unallocated restricted share units issuable pursuant to the RSU Plan; and
5. Transact such other business as may lawfully come before the meeting or any adjournment(s) or postponement(s) thereof.

The Board of Directors has fixed the close of business on March 26, 2019 as the record date for determination of the shareholders entitled to vote at the meeting and any adjournment(s) or postponement(s) thereof. This Notice of Annual and Special Meeting of Shareholders and related proxy materials are first being distributed or made available to shareholders beginning on or about April 5, 2019.

We cordially invite you to attend the Annual and Special Meeting of Shareholders. Whether or not you plan to attend, it is important that your shares be represented and voted at the meeting. Please refer to your proxy card for more information on how to vote your shares at the meeting and return your voting instructions as promptly as possible.

**The attached Management Proxy Circular, proxy card, and the Company’s Annual Report to Shareholders (including financial statements) for the fiscal year ended December 31, 2018 are available at <http://www.ur-energy.com/annual-general-meeting-info/>.**

Thank you for your support.

BY ORDER OF THE BOARD OF DIRECTORS,

*/s/ Jeffrey T. Klenda, Chairman*

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UR-ENERGY INC.  
10758 West Centennial Road, Suite 200  
Littleton, Colorado 80127

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**MANAGEMENT PROXY CIRCULAR  
ANNUAL AND SPECIAL MEETING OF SHAREHOLDERS  
MAY 2, 2019**

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**SOLICITATION OF PROXIES**

This Management Proxy Circular (the “Circular”) is furnished in connection with the solicitation by the management of Ur-Energy Inc. (“we,” “us,” the “Company” or “Ur-Energy”) of proxies for use at the annual and special meeting of shareholders of the Company (the “Meeting”) to be held at the Hampton Inn & Suites, 7611 Shaffer Parkway, Littleton, Colorado 80127 on Thursday, May 2, 2019 commencing at 1:00 p.m. local time, and at any adjournment thereof, for the purposes set forth in the accompanying Notice of Meeting (the “Notice”). The solicitation will be primarily by mail, but proxies may also be solicited personally or by telephone by directors, officers, employees or representatives of the Company. All costs of solicitation will be borne by the Company. This Circular and related proxy materials are being first distributed or made available to shareholders beginning on or about April 5, 2019. The information contained herein is given as at March 26, 2019 unless otherwise indicated.

All dollar amounts in this Circular are in U.S. dollars, except where indicated otherwise. On March 26, 2019, the noon exchange rate of Canadian currency in exchange for United States currency, as reported by the Bank of Canada, was US\$1.00 = C\$1.3386

**This Circular, the proxy card, and the Company’s Annual Report to Shareholders (including financial statements) for the fiscal year ended December 31, 2018 are available at <http://www.ur-energy.com/annual-general-meeting-info/>.**

**APPOINTMENT OF PROXIES**

The persons named in the enclosed form of proxy are the Chairman of the Board/Chief Executive Officer, Mr. Klenda, and our independent Lead Director of the Company, Mr. Parker. *Each shareholder has the right to appoint a person other than the persons named in the enclosed form of proxy, who need not be a shareholder of the Company, to represent such shareholder at the Meeting or any adjournment thereof.* Such right may be exercised by inserting such person’s name in the blank space provided in the form of proxy and striking out the other names or by completing another proper form of proxy.

**VOTING INSTRUCTIONS**

**Registered Shareholders**

There are two methods by which registered shareholders (“Registered Shareholders”), whose names are shown on the books or records of the Company as owning common shares no par value of the Company (“Common Shares”), can vote their Common Shares at the Meeting either in person at the Meeting or by proxy. Should a Registered Shareholder wish to vote in person at the Meeting, the Registered Shareholder should attend the Meeting where his or her vote will be taken and counted. Should the Registered Shareholder not wish to attend the meeting or not wish to vote in person, his or her vote may be voted by proxy through one of the methods described below and the Common Shares represented by the proxy will be voted or withheld from voting, in accordance with the instructions as indicated in the form of proxy, on any ballot that may be called for, and if a choice was specified with respect to any matter to be acted upon, the shares will be voted accordingly.

A Registered Shareholder may vote by proxy by using one of the following methods: (i) the paper form of proxy to be returned by mail or delivery; (ii) by Internet; or (iii) by telephone. The methods of using each of these procedures are as follows:

*Voting by Mail.* A Registered Shareholder may vote by mail or delivery by completing, dating and signing the enclosed form of proxy and depositing it with Computershare Investor Services Inc. (the "Transfer Agent") using the envelope provided or by mailing it to Computershare Investor Services Inc., Attention: Proxy Department, 100 University Avenue, 8th Floor, Toronto, Ontario M5J 2Y1 or to the Corporate Secretary of the Company at 10758 West Centennial Road, Suite 200, Littleton, Colorado 80127 **for receipt no later than 1:00 p.m. (MDT) on Tuesday, April 30, 2019**, or if the Meeting is adjourned, by no later than 48 hours (excluding Saturdays, Sundays and holidays) before any adjourned Meeting.

*Voting by Internet.* A Registered Shareholder may vote by Internet by accessing the following website: [www.investorvote.com](http://www.investorvote.com). When you log on to the site you will be required to input a control number as instructed on the form of proxy. Please see additional information enclosed with the Circular on the form of proxy. Registered Shareholders may vote by Internet **up to 1:00 p.m. (MDT) on Tuesday, April 30, 2019**, or if the Meeting is adjourned, no later than 48 hours (excluding Saturdays, Sundays and holidays) before any adjourned Meeting.

*Voting by Telephone.* A Registered Shareholder may vote by telephone by calling the toll free number 1-866-732-8683 from a touch tone phone. When you telephone you will be required to input a control number as instructed on the form of proxy. Please see additional information enclosed with the Circular on the form of proxy. Registered Shareholders may vote by telephone **up to 1:00 p.m. (MDT) on Tuesday, April 30, 2019**, or if the Meeting is adjourned, no later than 48 hours (excluding Saturdays, Sundays and holidays) before any adjourned Meeting.

Voting by mail or the Internet are the only methods by which a Registered Shareholder may choose an appointee other than the management appointees named on the proxy and must be completed by the Registered Shareholder or by an attorney authorized in writing or, if the Registered Shareholder is a corporation or other legal entity, by an authorized officer or attorney.

#### **Non-Registered Shareholders (Beneficial Owners)**

In this Circular and the enclosed form of proxy and Notice, all references to shareholders are to Registered Shareholders of Common Shares. Only Registered Shareholders of Common Shares, or the person they appoint as their proxy, are permitted to vote at the Meeting. However, in many cases, Common Shares beneficially owned by a holder (a "Non-Registered Shareholder" or "Beneficial Owner") are registered either:

- (a) in the name of an intermediary (an "Intermediary") that the Non-Registered Shareholder deals with in respect of the shares, such as, among others, banks, trust companies, securities dealers or brokers and trustees or administrators of self-administered RRSPs, RRIFs, RESPs and similar plans; or
- (b) in the name of a clearing agency such as CDS&Co. or DTC (the registration names for CDS Clearing and Depository Services Inc., and Depository Trust Company, respectively) of which the Intermediary is a participant.

Common Shares held by your broker or its nominee can only be voted upon your instructions. **Beneficial Owners should ensure that instructions respecting the voting of their Common Shares are communicated to the appropriate person.**

There are two kinds of Beneficial Owners, those who object to their name being made known to the Company, referred to as objecting beneficial owners ("OBOs"), and those who do not object to the Company knowing who they are, referred to as non-objecting beneficial owners ("NOBOs"). In accordance with the requirements of National Instrument 54-101 *Communication with Beneficial Owners of Securities of a Reporting Issuer* ("NI 54-101"), the Company has opted this year to distribute copies of the Notice, Circular, the form of proxy and our annual report for the fiscal year ended December 31, 2018 (including financial statements) (collectively, the "Meeting Materials") to all NOBOs directly through the Transfer Agent. Whereas, the Meeting Materials will continue to be distributed to

OBOs through clearing agencies and Intermediaries, who often use a service company (such as Broadridge Financial Solutions, Inc. (“Broadridge”)) to forward meeting materials to Non-Registered Shareholders. The Company is not relying on the notice-and-access delivery procedures of NI 54-101 or the corresponding rules of the U.S. Securities and Exchange Commission (“SEC”) to distribute copies of the Meeting Materials.

The Meeting Materials are being sent to both Registered and Non-Registered Shareholders of the Common Shares. If you are a Non-Registered Shareholder, and the Company or its agent has sent these Meeting Materials directly to you, your name and address and information about your holdings of Common Shares, have been obtained in accordance with applicable securities regulatory requirements from the Intermediary holding on your behalf.

By choosing to send the Meeting Materials to NOBOs directly, the Company (and not the Intermediary holding on your behalf) has assumed responsibility for (i) delivering these Meeting Materials to you, and (ii) executing your proper voting instructions. Please return your voting instructions as specified in the request for voting instructions.

#### *Objecting Beneficial Owners*

Intermediaries are required to forward Meeting Materials to OBOs unless an OBO has waived the right to receive them. Generally, OBOs who have not waived the right to receive Meeting Materials will usually receive a voting instruction form (“VIF”) from their applicable Intermediary in lieu of the form of proxy from the Company. The VIF will name the same persons as the proxy to represent the shareholder at the Meeting. A shareholder has the right to appoint a person (who need not be a shareholder of Ur-Energy) other than persons designated in the VIF, to represent the shareholder at the Meeting. To exercise this right, the shareholder should insert the name of the desired representative in the blank space provided in the VIF. You are asked to complete and return the VIF to your applicable Intermediary by mail or facsimile. Alternatively, you may be able to call the toll free telephone number or access the Internet website listed on your VIF to vote your Common Shares. **If you receive a VIF from your Intermediary, it cannot be used as a proxy to vote Common Shares directly at the Meeting as the VIF must be returned to your Intermediary well in advance of the Meeting in order to have the Common Shares voted or to appoint an alternative representative to attend at the Meeting in person to vote such Common Shares.**

#### *Non-Objecting Beneficial Owners*

NOBOs can expect to receive the Meeting Materials with a VIF from the Transfer Agent. These VIFs are to be completed and returned to the Transfer Agent by mail or by following the instructions contained on the VIF for telephone or Internet voting. The Transfer Agent will tabulate the results of the VIFs received from NOBOs and will provide appropriate instructions at the Meeting with respect to the shares represented by the VIFs received. **If you receive a VIF from the Transfer Agent, it cannot be used as a proxy to vote Common Shares directly at the Meeting as the VIF must be returned to the Transfer Agent well in advance of the Meeting in order to have the Common Shares voted or to appoint an alternative representative to attend at the Meeting in person to vote such Common Shares.**

The purpose of these procedures is to permit Non-Registered Shareholders to direct the voting of the shares they beneficially own. Should a Non-Registered Shareholder who receives either a proxy or a VIF wish to attend and vote at the Meeting in person (or have another person attend and vote on behalf of the Non-Registered Shareholder), the Non-Registered Shareholder should strike out the names of the persons named in the proxy and insert the Non-Registered Shareholder’s (or such other person’s) name in the blank space provided or, in the case of a VIF, follow the corresponding instructions on the form.

**In any event, Non-Registered Shareholders should carefully follow the instructions of their Intermediaries and Broadridge or other service company, or the Transfer Agent, as the case may be.**

#### **Broker Non-Votes**

A “broker non-vote” occurs when an Intermediary holding shares for a Beneficial Owner votes on one proposal, but does not vote on another proposal because the Intermediary does not have discretionary voting power and has not received instructions to do so from the Beneficial Owner. The nominee that holds your shares may generally vote on

“routine” matters but cannot vote on “non-routine” matters. Each of the proposals at the Meeting, other than Proposal No. 2, are “non-routine” matters and therefore an Intermediary holding shares for a Beneficial Owner will not have the authority to vote on those matters in the absence of instructions from the Beneficial Owner. Broker non-votes are not counted in the tabulation of votes cast on a particular proposal and therefore will not have an effect on the approval of that proposal.

#### REVOCATION OF PROXIES

A shareholder who has given a proxy has the power to revoke it as to any matter on which a vote shall not already have been cast pursuant to the authority conferred by such proxy and may do so (i) by delivering another properly executed proxy bearing a later date and depositing it as aforesaid, including within the prescribed time limits noted above; (ii) by depositing an instrument in writing revoking the proxy executed by the shareholder or by the shareholder’s attorney authorized in writing (A) at our head office with the Corporate Secretary at 10758 West Centennial Road, Suite 200, Littleton, Colorado 80127 at any time up to and including the last business day preceding the day of the Meeting, or any adjournment thereof, at which the proxy is to be used, or (B) with the Chair of the Meeting, prior to its commencement, on the day of the Meeting, or at any adjournment thereof; (iii) by attending the Meeting in person and so requesting; or (iv) in any other manner permitted by law.

A Non-Registered Shareholder may revoke a VIF or a waiver of the right to receive Meeting Materials and to vote given to an Intermediary at any time by written notice to the Intermediary, except that an Intermediary is not required to act on a revocation of a VIF or a waiver of the right to receive Meeting Materials and to vote that is not received by the Intermediary at least seven days prior to the Meeting.

#### VOTING AND DISCRETION OF PROXIES

On any ballot that may be called for, the shares represented by proxies in favor of the persons named by management of the Company will be voted for or against, or voted for or withheld from voting on, the matters identified in the proxy, in each case in accordance with the instructions of the shareholder. **In the absence of any instructions on the proxy, it is the intention of the persons named by management in the accompanying form of proxy to vote**

- (1) FOR the election of all of management’s nominees as directors;*
- (2) FOR the re-appointment of PricewaterhouseCoopers LLP, Chartered Professional Accountants, as our independent auditors and the authorization of the directors to fix the remuneration of the auditors;*
- (3) FOR the advisory resolution to approve, on an advisory (non-binding) basis, the compensation of our Named Executive Officers;*
- (4) FOR the resolution to approve the renewal of our Amended Restricted Share Unit Plan (the “RSU Plan”) and to approve and authorize all unallocated restricted share units issuable pursuant to the RSU Plan until the third anniversary of the adoption of the present resolution; and*
- (5) In accordance with management’s recommendations with respect to amendments or variations of the matters set out in the Notice or any other matters which may properly come before the Meeting.*

The accompanying form of proxy confers discretionary authority upon the persons named therein with respect to amendments or variations of the matters identified in the Notice or any other matters that may properly come before the Meeting. As at the date of this Circular, management of the Company knows of no such amendments, variations or other matters that may properly come before the Meeting other than the matters referred to in the Notice.

### **COMMON SHARES ENTITLED TO VOTE**

As at March 26, 2019, the authorized capital of the Company consisted of an unlimited number of Common Shares, of which 159,729,403 Common Shares were issued and outstanding, and an unlimited number of Class A Preference Shares, issuable in series, of which none has been issued. A holder of record of Common Shares as at the close of business on March 26, 2019 (the "Record Date") is entitled to one vote for each Common Share held by the shareholder. The directors nominated for election pursuant to Proposal No. 1 will be elected by plurality vote, meaning that the seven nominees who receive the most votes, whether in person or by proxy, will be elected; however, the Company has adopted a majority voting policy pursuant to which any director who fails to receive a majority of the votes cast will be required to tender his resignation. See "*Statement of Corporate Governance – Majority Voting Policy*." With respect to Proposal Nos. 2, 3, 4 and 5, the affirmative vote of a majority of the votes cast at the Meeting, whether in person or by proxy, is required for approval of such matter.

In accordance with the *Canada Business Corporations Act*, the Company will prepare a list of holders of Common Shares on the Record Date. Each holder of Common Shares named in the list at the close of business on the Record Date will be entitled to vote the Common Shares shown opposite his or her name on the list at the Meeting.

### **QUORUM**

The presence, in person or by proxy, of two shareholders holding not less than 10% of the Common Shares entitled to vote as of the Record Date constitutes a quorum for the transaction of business at the Meeting. In the event there is not a quorum present to approve any proposals at the time of the Meeting, the Meeting shall be adjourned to a date no less than seven days later than the scheduled Meeting date in order to permit further solicitation of proxies. The scrutineer will treat Common Shares represented by a properly signed and returned proxy as present at the Meeting for purposes of determining a quorum, without regard to whether the proxy is marked as casting a vote or abstaining.

### **RIGHTS OF DISSENT**

Pursuant to the *Canada Business Corporations Act*, there are no rights of dissent in respect of the resolutions to be voted on by the shareholders at this Meeting.



**SECURITY OWNERSHIP OF  
CERTAIN BENEFICIAL OWNERS AND MANAGEMENT**

***Security Ownership of Management***

As of March 26, 2019, our Record Date, we had 159,729,403 Common Shares issued and outstanding, and 6,184,173 stock options which may be exercised currently or within the sixty (60) days following March 26, 2019.

Name of Holder	Number of Common Shares of Ur-Energy	Percentage of Issued and Outstanding Common Shares of Ur-Energy
<b><i>Directors and Named Executive Officers<sup>(1)(2)</sup></i></b>		
Jeffrey T. Klenda <sup>(3)</sup>	3,520,596	2.12%
W. William Boberg <sup>(4)</sup>	1,047,829	*
James M. Franklin	958,321	*
Gary Huber	582,300	*
Kathy E. Walker	129,600	*
Rob C. Chang	66,000	*
Thomas Parker	443,114	*
Roger L. Smith	801,854	*
Penne A. Goplerud	638,610	*
Steven M. Hatten	537,295	*
John W. Cash	525,508	*
James A. Bonner	496,267	
All Directors and executive officers, as a group (12 persons)	9,747,295	5.87%

\* Less than one percent

- (1) Address for each of our directors and executive officers: 10758 West Centennial Road, Suite 200, Littleton, Colorado 80127.
- (2) The beneficial ownership shown for all holders in this table represents Common Shares and all options which may be exercised currently or within sixty (60) days following March 26, 2019. For our Directors and Named Executive Officers, this represents the following: Klenda (2,753,013 Common Shares, 767,583 options); Boberg (752,069 Common Shares, 295,760 options); Franklin (662,561 Common Shares, 295,760 options); Parker (147,354 Common Shares, 295,760 options); Huber (128,540 Common Shares, 453,760 options); Walker (24,000 Common Shares, 105,600 options); Chang (0 Common Shares, 66,000 Options); Smith (283,800 Common Shares, 518,054 options); Goplerud (172,854 Common Shares, 465,756 options); Hatten (134,138 Common Shares, 403,157 options); and Cash (141,539 Common Shares, 383,969 options). Additionally, James Bonner holds 71,672 Common Shares, and 424,595 options. As of the Record Date, March 26, 2019, the number of the Company's Common Shares beneficially owned by all of the Directors and executive officers as a group, including Mr. Bonner, and entitled to be voted at the meeting is 5,271,540.
- (3) Of the total number of Common Shares held by Mr. Klenda, he has pledged 1,706,640 Common Shares on a multi-purpose equity line of credit. Mr. Klenda's Common Shares are held jointly with his wife.
- (4) Of the shares identified, Mr. Boberg holds 118,796 Common Shares jointly with his wife.

***Security Ownership of Certain Beneficial Owners***

As of March 26, 2019, no person (other than the Directors and executive officers of the Company) owned of record, or was known to own beneficially, more than 5% of the outstanding voting shares of Common Shares.

## PARTICULARS OF MATTERS TO BE ACTED UPON

### **Proposal No. 1: Election of Directors**

The articles of the Company provide that the Board of Directors of the Company (the “Board of Directors” or the “Board”) shall consist of a minimum of one and a maximum of ten directors, the number of which is currently fixed at seven. Election of directors will be conducted on an individual basis, as seen on the proxy or VIF you receive and will include Jeffrey T. Klenda, James M. Franklin, W. William Boberg, Thomas H. Parker, Gary C. Huber, Kathy E. Walker and Rob Chang. As discussed in the description of the Company’s *Majority Voting Policy*, below, each Director must receive a majority of the votes cast (in person or by proxy) as to his or her election, or will be required to submit his or her resignation pursuant to the policy.

*Nominees:* Each of the seven persons named above is a nominee for election as a Director at the Annual and Special Meeting for a term of one year or until his or her successor is elected and qualified. Unless authority is withheld, the proxies will be voted for the election of such nominees. Each of the nominees is currently serving as a Director of the Company. All the nominees were elected to the Board of Directors at the last annual meeting of shareholders. Management does not anticipate that any of the nominees for election as directors will be unable to serve as a director, but if that should occur for any reason prior to the Meeting, the persons named in the accompanying form of proxy reserve the right to vote for another nominee in their discretion or for the election of only the remaining nominees.

The Board of Directors has delegated to the Corporate Governance and Nominating Committee the responsibility for reviewing and recommending nominees for director. The Board determines which candidates to nominate or appoint, as appropriate, after considering the recommendation of the Corporate Governance and Nominating Committee.

*Qualifications:* In evaluating a director candidate, the Corporate Governance and Nominating Committee considers the candidate’s independence, character, corporate governance skills and abilities, business experience, industry-specific experience including technical expertise, training and education, commitment to performing the duties of a director, and other skills, abilities, or attributes that fill specific needs of the Board or its committees. Each nominee brings a strong and unique background and set of skills to the Board, giving the Board, as a whole, competence and experience in a wide variety of areas, including natural resources exploration and development, mining operations, executive management, board service, corporate governance, finance, financial markets, government, employment, and international business. These varied and substantial backgrounds, skills and qualifications, as described in more detail below, and the contributions of each to the development and current operations of the Company as described below under the heading “*Board Composition – Including Tenure and Outlook on Set Retirement Age*,” led the Corporate Governance and Nominating Committee and the Board of Directors to the conclusion that each of the nominees should serve as a Director.

### ***Recommendation of Ur-Energy’s Board of Directors***

**The Board of Directors recommends that the shareholders vote FOR the election of all of the named nominees for director and, unless a shareholder gives instructions on the proxy card to the contrary, the proxies named thereon intend to so vote.**

**Jeffrey T. Klenda**, 62, B.A.

*Chairman, President & CEO*

Mr. Klenda graduated from the University of Colorado in 1980 and began his career as a stockbroker specializing in venture capital offerings. Prior to founding Ur-Energy in 2004, he worked as a Certified Financial Planner and was a member of the International Board of Standards and Practices. In 1986, he started Klenda Financial Services, an independent financial services company providing investment advisory services to high-end individuals and corporate clients as well as providing venture capital to corporations seeking entry to the U.S. securities markets. In the same year, Mr. Klenda formed Independent Brokers of America, Inc., a national marketing organization. He also served as President of Security First Financial, a company he founded to provide consultation to individuals and corporations seeking investment management and early stage funding. For more than 30 years, Mr. Klenda has acted as an officer and/or director for numerous publicly-traded companies, having taken his first company public at 28 years of age. Currently, Mr. Klenda is a director of Organto Foods Inc. (since November 2013). Mr. Klenda has served as the

Chairman of the Board of Directors of the Company since 2006. He served as Executive Director from January 2006 to May 2015. Thereafter, he served as Acting Chief Executive Officer until being named President and Chief Executive Officer by our Board of Directors in December 2016.

The Board of Directors has concluded that Mr. Klenda is well qualified and should serve as a director on the basis of his numerous contributions to the Company since its inception, his 35 years of experience in the financial markets and in service to numerous publicly-traded companies as an officer and director.

**James M. Franklin**, 76, PhD, FRSC, P.Geo

*Director & Chair of the HSE & Technical Committee*

Dr. Franklin has over 50 years' experience as a geologist. He is a Fellow of the Royal Society of Canada. Since 1998, he has been an Adjunct Professor at Queen's University, since 2001, at Laurentian University and since 2006 at the University of Ottawa. He is a past President of the Geological Association of Canada and of the Society of Economic Geologists. He retired in 1998 as Chief Geoscientist of the Geological Survey of Canada, Earth Sciences Sector. Since that time, he has been a consulting geologist and is currently a director of Aura Silver Resources Inc. (since October 2003) and of Anconia Resources Corp. (since June 2012). Dr. Franklin's lifetime achievements have been honored by several professional organizations: among his honors, Dr. Franklin has been awarded GAC's Logan and Duncan R. Derry medals, CIM's Selwyn Blaylock, A.O. Dufresne, Distinguished Lecturer and Julian Boldy Memorial awards and the Society of Economic Geologists Thayer Lindsley and Distinguished Lecturer awards. He has also received the R.A.F. Penrose Gold Medal from SEG for his many contributions to a broad cross section of geosciences. In 2017 he was made a Fellow of Lakehead University, honoring his contributions to education and economic development in northern Ontario. Dr. Franklin was inducted into the Canadian Mining Hall of Fame in January 2019, for his many contributions to the mining industry.

The Board of Directors has concluded that Dr. Franklin is well qualified and should serve as a director on the basis of his contributions as a director to the Company since its inception and his more than 50 years of experience in geosciences and mineral resource work in industry, governmental service and academia.

**W. William (Bill) Boberg**, 79, M.Sc., P. Geo

*Director*

Mr. Boberg has served as a director of the Company since January 2006. Mr. Boberg served as the Company's President and Chief Executive Officer (2006 to 2011). Prior to that time, Mr. Boberg was the Company's senior U.S. geologist and Vice President U.S. Operations (2004 to 2006). Before his initial involvement with the Company, he was a consulting geologist having over 40 years' experience investigating, assessing and developing a wide variety of mineral resources in diverse geologic environments in western North America, South America and Africa. Mr. Boberg worked for Gulf Minerals, Hecla Mining, Anaconda, Continental Oil Minerals Department, Wold Nuclear, Kennecott, Western Mining, Canyon Resources and Africa Mineral Resource Specialists. Mr. Boberg has over 20 years of experience exploring for uranium in the continental U.S. He discovered the Moore Ranch Uranium Deposit and the Ruby Ranch Uranium Deposit as well as several smaller deposits in Wyoming's Powder River Basin. He received his Bachelor's Degree in Geology from Montana State University and his Master's Degree in Geology from the University of Colorado. He is a registered Wyoming Professional Geologist and fellow of the Society of Economic Geologists. He is a member of the Society for Mining, Metallurgy & Exploration, American Institute of Professional Geologists (for which he is a Certified Professional Geologist), the Denver Regional Exploration Society and the American Association of Petroleum Geologists. Mr. Boberg is also a director for Aura Silver Resources Inc. (since June 2008).

The Board of Directors has concluded that Mr. Boberg is well qualified and should serve as a director on the basis of his contributions to the Company since 2004 (since 2006 as a director and, from 2006 until 2011, as the President and CEO), as well as his more than 40 years of experience in mineral resources exploration and development.

**Thomas Parker**, 76, M.Eng., P.E.

*Lead Director, Chair of Audit Committee & Chair of Treasury & Investment Committee*

Mr. Parker has worked extensively in senior management positions in the mining industry for the past 53 years. Mr. Parker is a mining engineer graduate from South Dakota School of Mines, with a Master's Degree in Mineral Engineering Management from Penn State. Mr. Parker was President and CEO, and a director of U.S. Silver Corporation until his retirement in 2012. Prior to that, Mr. Parker was President and CEO of Gold Crest Mines, Inc., before which he was the President and CEO of High Plains Uranium, Inc., a junior uranium mining company acquired

by Energy Metals in January 2007. Mr. Parker also served for 10 years as Executive Vice President of Anderson and Schwab, a management consulting firm. Prior to Anderson and Schwab, Mr. Parker held many executive management positions including with Costain Minerals Corporation, ARCO, Kerr McGee Coal Corporation and Conoco. He also has worked in the potash, limestone, talc, coal and molybdenum industries and has extensive experience working in Niger, France and Venezuela.

The Board of Directors has concluded that Mr. Parker is well qualified and should serve as a director on the basis of his contributions to the Company as a director since 2007, most recently, as our Lead Director since 2014, as well as his more than 50 years of experience in the mining industry and in executive management positions.

**Gary C. Huber**, 67, PhD, P.Geo

*Director, Chair of Compensation Committee & Chair of Corporate Governance and Nominating Committee*

Dr. Huber is a mining executive with over 40 years of natural resources experience. Previously, Dr. Huber served as a director for Ur-Energy during 2007. Dr. Huber returned to serve as a director for Ur-Energy in 2015. In the interim, Dr. Huber served as President and CEO of Neutron Energy, Inc. (2007-2012), a privately-held uranium company which was conducting project feasibility analyses as well as permitting of two uranium mines and a mill complex. He is currently a director of Gold Resource Corp. (since January 2013), and serves as the Chair of its Audit Committee and as a member of its Compensation Committee.

Dr. Huber is the founder, in 2006, and managing member of Rangeland E&P, LLC, a private company established for oil and gas exploration. From 2010 to 2011, Dr. Huber served as an independent director of Capital Gold Corp., a gold mining company with operations in Mexico which eventually merged into AuRico Gold Inc., including serving on its Audit and Corporate Governance Committees. Dr. Huber was one of the founders of Canyon Resources Corporation in 1979, and served in various capacities there until 2006, including as director, chief financial officer, vice president of finance, treasurer and secretary. He also served as the president and chief executive officer of CR Minerals Corporation, an industrial minerals subsidiary of Canyon Resources, from 1987 to 1998. Dr. Huber holds a PhD in geology from Colorado School of Mines and received a Bachelor of Science in Geology from Fort Lewis College. He is a fellow of the Society of Economic Geologists, where he previously served as the Chairman of its Audit and Investment Committees; a member of the Society for Mining, Metallurgy & Exploration, where he previously served as the Chairman of the Audit Committee. Dr. Huber is a Utah registered Professional Geologist. Dr. Huber served as a director and treasurer of The Society of Independent Professional Earth Scientists, a not-for-profit professional group. He also has served as President of the Society of Independent Earth Scientists Foundation, which awards scholarships to undergraduate and graduate students majoring in the earth sciences fields. Dr. Huber formerly was a director of the Denver Gold Group, a not-for-profit industry association for publicly-traded precious metal companies.

The Board of Directors has concluded that Dr. Huber is well qualified and should serve as a director of the Company on the basis of his contributions to the Company as a director (in 2007, and since his return to the Board in 2015), and as a result of his extensive mining industry experience including in areas of natural resources development and mining operations, and executive management and finance, developed by serving as an executive officer and director of publicly-traded natural resource companies.

**Kathy E. Walker**, 60, MBA

*Director*

Ms. Walker is the President and Chief Executive Officer of Elm Street Resources Inc., an energy marketing company based in Paintsville, Kentucky. Ms. Walker is also the Director of the eKentucky Advanced Manufacturing Institute, Inc., a workforce development training facility in Eastern Kentucky. She brings more than 30 years' experience in various energy and financial related business endeavors to our Board. Ms. Walker holds an MBA from Xavier University. Prior to starting Elm Street Resources, she served as Secretary and Controller of Agip Coal, USA, a subsidiary of the Italian National Energy Agency ENI. She is currently a member of the National Coal Council; a member of the Kentucky Coal Association; a member of the Kentucky Judicial Campaign Conduct Committee; and a Chair of the Morehead State University Board of Regents. Ms. Walker was a founder and Board member of First Security Bank, Lexington, Kentucky and of Great Nations Bank, Norman, Oklahoma.

The Board of Directors has concluded that Ms. Walker is well qualified and should serve as a director of the Company on the basis of her contributions to the Company as a director since joining the Board in 2017, and as a result of her

extensive energy-related business experience including in areas of sales and marketing, executive management and finance, developed by serving as an executive officer and director of various entities.

**Rob Chang**, 41, MBA

*Director*

Rob Chang has over 23 years of experience in the financial services industry. Mr. Chang is currently the Chief Financial Officer of Riot Blockchain, Inc. Prior to his current position, he served as the Managing Director and Head of Metals & Mining at Cantor Fitzgerald where he provided research coverage in precious metals, base metals, lithium, and uranium. He is well familiar with the uranium mining industry and is considered a subject matter expert by several media outlets. He was recognized by Bloomberg as the "Best Precious Metals Analyst" in Q1 2016. Mr. Chang is frequently quoted by and a regular guest of several media outlets including: Bloomberg, Reuters, CNBC, and the Wall Street Journal. Mr. Chang previously served as a Director of Research and Portfolio Manager at Middlefield Capital, a Canadian investment firm which managed \$3 billion in assets. He was also on a five-person multi-strategy hedge fund team where he specialized in equity and derivative investments. Mr. Chang completed his MBA at the University of Toronto's Rotman School of Management. Mr. Chang also serves as a director for Fission Uranium Corp. (since April 2018), and for Shine Mineral Corp. (since November 2018)

The Board of Directors has concluded that Mr. Chang is well qualified and should serve as a director of the Company on the basis of his extensive knowledge of the financial markets and financial services industry, as well as his knowledge of the uranium mining industry.

**Proposal No. 2: Re-Appointment of PricewaterhouseCoopers LLP, Chartered Professional Accountants, as our Independent Auditors and Approval for the Directors to Fix the Remuneration of the Auditors**

**Appointment of Auditor**

The Audit Committee selected and has recommended the independent accounting firm of PricewaterhouseCoopers LLP with respect to the audit of our financial statements for the year ended December 31, 2019. At the Meeting, it is proposed to re-appoint PricewaterhouseCoopers LLP, Chartered Professional Accountants, as auditors of the Company, to serve until the next annual meeting of shareholders with their remuneration to be fixed by the Board of Directors.

We currently expect that our Audit Partner from PricewaterhouseCoopers LLP will attend the Meeting.

**Independent Accountant Fees and Services**

PricewaterhouseCoopers LLP and its affiliates have been the auditors of Ur-Energy since December 2004. The fees accrued for audit and audit-related services performed by PricewaterhouseCoopers LLP in relation to our financial years ended December 31, 2018 and 2017, paid and shown below in C\$, were as follows:

<u>Years ending</u>	<u>Audit fees <sup>(1)</sup></u>	<u>Audit-related Fees <sup>(2)</sup></u>	<u>Tax Fees <sup>(3)</sup></u>	<u>All Other Fees <sup>(4)</sup></u>
December 31, 2018	\$ 244,438	\$ 68,256	\$ -	\$ 38,588
December 31, 2017	\$ 225,750	\$ 140,341 <sup>(4)</sup>	\$ -	\$ -

- (1) Audit fees consisted of audit services, reporting on internal control over financial reporting and review of such documents filed with the securities regulators.
- (2) Audit related fees were for services in connection with quarterly reviews of the consolidated financial statements and work in connection with our securities filings as required by the United States and Canadian securities regulators.
- (3) Fees such as those billed for tax compliance, tax advice, and tax planning services would be included.
- (4) The amount reflected as "All Other Fees" for 2018 includes fees related to our shelf registration (including the September 2018 equity financing) and at-market sales agreement. This 2017 amount reflected as "Audit-related Fees" includes C\$37,265 which may more appropriately be classed as "other" fees, as the fees were for services performed related to our shelf registration (including its renewal) and at-market sales agreement.

### **Audit Committee's Pre-Approval Practice**

All services reflected in the preceding table for 2018 and 2017 were pre-approved in accordance with the policy of the Audit Committee of the Board of Directors

It is proposed to approve an ordinary resolution to re-appoint the firm of PricewaterhouseCoopers LLP, Chartered Professional Accountants, as auditors of the Company to hold office until the close of the next annual meeting of shareholders or until PricewaterhouseCoopers LLP is removed from office or resigns, and to authorize the Board of Directors of the Company to fix the remuneration of PricewaterhouseCoopers LLP as auditors of the Company.

### ***Recommendation of Ur-Energy's Board of Directors***

**The Board of Directors recommends that the shareholders vote FOR the re-appointment of PricewaterhouseCoopers LLP, Chartered Professional Accountants, and to authorize the Board of Directors of the Company to fix the remuneration of PricewaterhouseCoopers LLP as auditors and, unless a shareholder gives instructions on the proxy card to the contrary, the proxies named thereon intend to so vote.**

The approval of Proposal No. 2 requires the approval of a majority of the votes cast by shareholders present in person or represented by proxy at the Meeting.

### **Proposal No. 3: Approval, on an Advisory Basis, of the Compensation of the Company's Named Executive Officers**

#### **Advisory Vote on Named Executive Officer Compensation**

In accordance with SEC rules, our shareholders will be asked at the Meeting to approve the compensation of our Named Executive Officers as disclosed in this Circular, including the disclosures under "Compensation Discussion and Analysis," the accompanying compensation tables, and the related narrative disclosure. This vote is not intended to address any specific item of compensation, but rather the overall compensation of our Named Executive Officers and the policies and practices described in this Circular.

We conducted a similar advisory vote in 2018, and approximately 99% of the votes cast at that meeting voted in favor of the compensation of our Named Executive Officers. This vote is advisory, which means that its outcome is not binding on the Company, the Board of Directors or the Compensation Committee of the Board of Directors.

The next advisory vote will occur at our annual meeting in 2020.

The Compensation Committee and the Board of Directors believe that our compensation policies and procedures are effective in achieving our goals. As described under "Compensation Discussion and Analysis" our compensation program is designed to motivate executive officers and employees to achieve pre-determined objectives without taking excessive risks; provide competitive compensation and benefit programs to attract and retain highly-qualified executives and employees; encourage an ownership mentality; and, fundamentally, to support the achievement of results. We believe that the Company's compensation program, with its balance of (i) short-term incentives (including cash bonus awards and performance conditions for such awards), (ii) long-term incentives (including equity awards of stock options and restricted share units which vest over varied periods of two to three years), and (iii) share ownership guidelines for executive officers, reward sustained performance that is aligned with long-term shareholder interests. Shareholders are encouraged to read the "Compensation Discussion and Analysis," the accompanying compensation tables, and the related narrative disclosure. Shareholders will be asked to approve the following ordinary resolution (the "Advisory Vote on Named Executive Officer Compensation Resolution") at the Meeting:

**BE IT RESOLVED THAT** the Company's shareholders approve, on an advisory basis, the compensation of the Named Executive Officers, as disclosed in the Company's Management Proxy Circular for this annual and special meeting of shareholders, including the "Compensation Discussion and Analysis," the accompanying compensation tables and the related narrative disclosure, pursuant to the compensation disclosure rules of the U.S. Securities and Exchange Commission.

***Recommendation of Ur-Energy's Board of Directors***

**The Board of Directors recommends that shareholders vote FOR approval of the Advisory Vote on Named Executive Officer Compensation Resolution.**

The approval of the advisory vote on Proposal No. 3 requires the affirmative vote of a majority of the votes cast at the meeting. Although the advisory vote is non-binding, the Board will review the results of the vote and will take them into account in determinations concerning executive compensation.

**Proposal No. 4: Approval of the Renewal of the Ur-Energy Inc. Amended Restricted Share Unit Plan (the "RSU Plan")**

The Company will seek approval of shareholders at the Meeting to approve, confirm and ratify the RSU Plan which was last approved by shareholders on May 5, 2016. Under the policies of the TSX, the RSU Plan must be reconfirmed every three years by a majority of the Company's directors and shareholders excluding the votes cast by, or in behalf of, the insiders of the Company who are eligible to participate in the RSU Plan and their affiliates. As the three-year term prescribed by the TSX will expire on May 5, 2019, a resolution will be placed before the shareholders to approve the unallocated RSUs under the RSU Plan. This approval will be effective for three years from the date of the Meeting. If approval is not obtained at the Meeting, RSUs which have not been allocated as of May 2, 2019 and RSUs which are outstanding as of May 2, 2019 and are subsequently cancelled or terminated will not be available for a new grant of RSUs. Previously allocated RSUs will continue to be unaffected by the approval or disapproval of the resolution.

The RSU Plan, as approved by the Board of Directors, is summarized in more detail under the heading "*Stock Options and RSUs*" below. A copy of the RSU Plan is attached to this Circular as ***Schedule A***. Alternatively, a shareholder may obtain a copy of the RSU Plan from the Secretary of the Company upon request at 10758 West Centennial Road, Suite 200, Littleton, Colorado, 80127, telephone 720-981-4588 (ext. 250).

The Board of Directors wishes to renew the RSU Plan, which was previously ratified, confirmed and approved at meetings of shareholders of the Company in 2010, 2013, and 2016. No modifications are proposed to be made to the RSU Plan. The Board of Directors is of the view that it is in the best interests of the Company to renew the RSU Plan, and to continue to permit the Board to grant RSUs to directors and employees, including executive officers, of the Company and its subsidiaries as a means of attracting and retaining highly-qualified directors and employees, including executive officers, who will be motivated towards the success of the Company and to encourage share ownership in the Company by directors and employees, including officers, who work in behalf of the Company. Because the RSU Plan participants and the amounts of any RSU grants are determined in the absolute discretion of the Board of Directors, the benefits to be delivered under the RSU Plan at this time are indeterminable.

The RSU Plan is a plan which includes directors and employees, including executive officers, of Ur-Energy as possible eligible participants. As of March 26, 2019, there are approximately 18 employees and six non-executive directors who would be eligible to participate in the RSU Plan. As at March 26, 2019, the closing price of our Common Shares on the NYSE American was \$0.83 and on the TSX was C\$1.11.

**Ur-Energy Inc. Restricted Share Unit Plan Resolution**

**BE IT RESOLVED THAT:**

1. The renewal of the Ur-Energy Inc. Amended Restricted Share Unit Plan, as set forth fully in ***Schedule A*** to this Circular (the "RSU Plan"), be and is hereby ratified, confirmed and approved; and
2. All unallocated restricted share units issuable pursuant to the RSU Plan be and hereby are approved and authorized until May 2, 2022; and
3. Any director or officer of the Company be and each of them is hereby authorized, for and on behalf of the Company, to do such things and to sign, execute and deliver all such documents that such director or

officer may, in their discretion, determine to be necessary or useful in order to give full effect to the intent and purpose of this resolution.

*Recommendation of Ur-Energy's Board of Directors*

**After careful consideration, the Board of Directors has determined that the Amended Restricted Share Unit Plan continues to be in the best interests of the Company's shareholders. The Board of Directors approved the Amended Restricted Share Unit Plan Resolution and recommends approval of the resolution by the Company's shareholders.**

**The TSX rules provide that all eligible insiders in order to participate in the RSU Plan may not vote on the approval of the renewal of the RSU Plan. Accordingly, the Restricted Share Unit Plan Resolution must be passed by a majority of votes cast by shareholders present in person or represented by proxy at the meeting, excluding 5,271,540 Common Shares held by certain insiders of the Company and their affiliates.**



## MANAGEMENT

### Identification of Executive Officers

**Jeffrey T. Klenda**, 62, B.A.

*Chairman, President & Chief Executive Officer*

Mr. Klenda graduated from the University of Colorado in 1980 and began his career as a stockbroker specializing in venture capital offerings. Prior to founding Ur-Energy in 2004, he worked as a Certified Financial Planner and was a member of the International Board of Standards and Practices. In 1986, he started Klenda Financial Services, an independent financial services company providing investment advisory services to high-end individuals and corporate clients as well as providing venture capital to corporations seeking entry to the U.S. securities markets. In the same year, Mr. Klenda formed Independent Brokers of America, Inc., a national marketing organization. He also served as President of Security First Financial, a company he founded to provide consultation to individuals and corporations seeking investment management and early stage funding. For more than 30 years, Mr. Klenda has acted as an officer and/or director for numerous publicly-traded companies, having taken his first company public at 28 years of age. Currently, Mr. Klenda is a director of Organto Foods Inc. (since November 2013). Mr. Klenda has served as the Chairman of the Board of Directors of the Company since 2006. He served as Executive Director January 2006 - May 2015. Thereafter, he served as Acting Chief Executive Officer until being named President and Chief Executive Officer by our Board of Directors in December 2016.

**Roger L. Smith**, 60, CPA, MBA, CGMA

*Chief Financial Officer and Chief Administrative Officer*

Mr. Smith has 30 years of mining and manufacturing experience including finance, accounting, IT, ERP and systems implementations, mergers, acquisitions, audit, tax and public and private reporting in international environments. Mr. Smith served as Ur-Energy's Chief Financial Officer and Vice President Finance, IT and Administration until May 2011, when he assumed the title and responsibilities of Chief Administrative Officer as well as Chief Financial Officer. Mr. Smith joined Ur-Energy in May 2007, after having served as Vice President, Finance for Luzenac America, Inc., a subsidiary of Rio Tinto PLC and Director of Financial Planning and Analysis for Rio Tinto Minerals, a division of Rio Tinto PLC, from September 2000 to May 2007. Mr. Smith has also held such positions as Vice President Finance, Corporate Controller, Accounting Manager, and Internal Auditor with companies such as Vista Gold Corporation, Westmont Gold Inc. and Homestake Mining Corporation. He has a Master of Business Administration and Bachelor of Arts in Accounting from Western State Colorado University, Gunnison, Colorado.

**Steven M. Hatten**, 55, B.Sc.

*Vice President Operations*

Prior to being named Ur-Energy's Vice President Operations in 2011, Mr. Hatten served as our Engineering Manager from 2007 to 2010 and as Director of Engineering and Operations 2010 to 2011. He has over 25 years of experience with a strong background in *in situ* recovery uranium design and operations. He previously worked as a Project Engineer for Power Resources, Inc., the Manager Wellfield Operations for Rio Algom Mining Corp. and Operations Manager at Cameco's Smith Ranch – Highland Facility. Mr. Hatten has a Bachelor of Science in Petroleum Engineering from Texas Tech University.

**John W. Cash**, 46, M.Sc.

*Vice President Regulatory Affairs*

Mr. Cash has been our Vice President Regulatory Affairs since March 2014. Previously, he was named Vice President Regulatory Affairs, Exploration & Geology in 2011 and served in that capacity until March 2014. Prior to 2011, Mr. Cash was our Environment, Health, Safety and Regulatory Affairs Manager from 2007 to 2010 and Director of Regulatory Affairs 2010 to 2011. He previously worked for Crow Butte Resources, Inc. a subsidiary of Cameco, from 2002 to 2007, including as Senior Environmental/Safety Superintendent, Safety Director/Wellfield Supervisor and Operations Superintendent. Prior to that time, Mr. Cash also worked in uranium exploration. He is a Fellow of the World Nuclear University Summer Institute, 2005. Mr. Cash has a M.Sc. Geology and Geophysics from the University of Missouri-Rolla. Mr. Cash is currently the President of the Uranium Producers of America, a uranium industry lobbying group dedicated to the preservation and promotion of a healthy uranium mining and processing industry in the United States.

**James A. Bonner**, 72, *B.Sc.*

*Vice President Geology*

**Mr. Bonner** is a Professional Geologist with 30 years in the uranium exploration and development industry, three years in the oil and gas industry and 13 years in environmental engineering consulting. He joined Ur-Energy as Vice President Geology in March 2014, having most recently served as Vice President of Exploration for Powertech (USA), Inc. He previously worked as a consulting geologist, was employed as a Senior Geologist for Gordon Environmental in Albuquerque, New Mexico, and worked for 16 years in uranium exploration for Rocky Mountain Energy Company throughout the western U.S. Mr. Bonner is a registered Professional Geologist and a Certified Professional Geologist and is a member of the Geological Society of America and the American Institute of Professional Geologists. Mr. Bonner received a Bachelor of Science in Geology from the University of Wyoming.

**Penne A. Goplerud**, 57, *JD*

*General Counsel & Corporate Secretary*

Ms. Goplerud has more than 25 years of diverse legal experience in complex litigation, business matters and natural resources transactions. While in private practice, she represented clients in commercial litigation, arbitration and mediation involving mining, oil and gas, commercial and corporate disputes, securities and environmental law. She also has counseled business clients and represented clients in the negotiation of business transactions. Prior to joining Ur-Energy as Associate General Counsel in 2007, much of Ms. Goplerud's practice focused on natural resources and transactional work. Ms. Goplerud obtained her JD from the University of Iowa College of Law.

## COMPENSATION DISCUSSION AND ANALYSIS

Our Compensation Committee is composed of independent directors and is responsible for matters of compensation as they relate to our employees and, more specifically, our executive officers including the Chief Executive Officer. The Compensation Committee discussed the following Compensation Discussion and Analysis ("CD&A") with management, and thereafter recommended it to the Board, which approved, this CD&A.

### *Compensation Program and Philosophy*

Ur-Energy is committed to managing our human resources. We believe that the caliber and commitment of our executive officers are critical to our continued success and performance, and the overall commitment of all of our employees.

The Compensation Committee reviews and makes recommendations to the Board with respect to the overall approach to compensation for all of our employees, and specifically with respect to our executive officers, including the Chief Executive Officer, Jeffrey Klenda, and the remuneration of directors.

Our named executive officers ("Named Executive Officers" or "NEOs") for 2018 were:

- Jeffrey T. Klenda, Chairman, President and CEO,
- Roger L. Smith, Chief Financial Officer and Chief Administrative Officer,
- Penne A. Goplerud, General Counsel and Corporate Secretary,
- Steven M. Hatten, Vice President Operations, and
- John W. Cash, Vice President Regulatory Affairs.

We maintain a compensation program in which both performance and compensation are routinely evaluated. Further, we maintain a program in which (a) pay for performance is supported by a significant percentage of executive pay being at risk (50% of CEO compensation; 45% of other executive officers); (b) motivating executive officers to create shareholder value by using total shareholder return as a part of the Company's "Total Company" objectives; (c) performance by all employees on personal objectives and corporate objectives is evaluated, with executive officers' short-term incentive bonus awards being more closely aligned to performance on corporate objectives (60%) based upon the greater opportunity, and responsibility, to shape corporate performance (hourly and non-managerial staff

bonuses are more heavily weighted to their personal objectives), and 80% of an executive's long-term incentive is based upon stock options; (d) certain defined thresholds must be reached as a minimum level of performance, typically 80% of the target (or, a score of 2 on our 1-4 scale), before eligibility for payout on any objective and, by contrast, short-term incentive bonuses are effectively capped, as the maximum level of performance for each objective is typically set at 120% of the target (or, a score of 4 on our 1-4 scale); (e) reasonable salaries and overall compensation packages are based upon regularly updated compensation surveys and ongoing review of peer comparators' practices; (f) compliance with executive stock ownership guidelines is routinely monitored; (g) we have no multi-year contracts with executive employees, and our employment agreements with executive officers protect specialized and proprietary information, and contacts with personnel obtained while employed with the Company; (h) we do not permit repricing of stock options; (i) we do not permit payment of dividends on unvested or redeemed equity awards of all types; (j) executives are not permitted to hedge their beneficially-held Company's shares; and (k) we have adopted a clawback policy, all as set forth in greater detail below.

Our compensation program is designed to effectively link compensation to performance as demonstrated by the completion by our executive officers of corporate and personal objectives that are designed to drive creation of shareholder value. The Compensation Committee believes that it is important to maintain a clear link between the achievement of these objectives and compensation payout. Our first five years in operations at our Lost Creek uranium recovery project have permitted us an opportunity to thoughtfully review the metrics and priorities most appropriately used to establish and maintain that connection. In doing so, the following considerations have been taken into account:

- the selection of corporate and personal objectives that are measurable and tied to shareholder value creation is fundamental to our success as a company;
- executive officers should be evaluated and paid based on performance and achievement of both corporate and personal objectives; and
- executive officers should have a clear understanding of how their performance and the achievement of pre-determined objectives may influence their compensation.

The objectives of the compensation program are to:

- support the achievement of results;
- motivate executive officers to achieve pre-determined objectives without taking excessive risks;
- provide competitive compensation and benefit programs to attract and retain highly qualified executives; and
- encourage an ownership mentality, which is further augmented through share ownership guidelines for all executive officers.

The compensation program process begins in the fourth quarter each year as we look ahead and establish department objectives and corporate objectives. Our executives and all staff then prepare their personal objectives in conjunction with the establishment of the budget and our key performance indicators. As a part of this look ahead, the Compensation Committee recommends, and the Board considers and approves the annual grant of stock options and restricted share units ("RSUs") to those eligible for consideration.

In the first quarter of each year we reflect on our performance during the past year, initially with a determination of performance on corporate objectives, which is reviewed with the Compensation Committee and the Board of Directors. Performance of all staff is reviewed and employee performance assessments are conducted by supervisors and managers. Executive officers are evaluated by the Chief Executive Officer and the Compensation Committee; the Chief Executive Officer is evaluated by the Compensation Committee and the Board of Directors. Based upon these performance assessments, the bonuses are determined and awarded. See further discussion under the heading "*Short Term Incentive Plan*" below. During the performance assessment process, and throughout each year, various aspects of succession planning are considered.

Thereafter, typically during second or third quarter, cost-of-living adjustments are calculated. Contemporaneously, salary surveys are completed, with staff salaries adjusted to the findings of the survey, as necessary, and/or for merit increases. Throughout the year, employee development opportunities are implemented. As necessary and appropriate, a mid-year review of departmental and/or individual objectives is undertaken, with adjustments made as required to address and accommodate changed circumstances.

**Compensation Structure**

Our compensation program consists of base salary, short- and long-term incentives, and other perquisites. The components of total direct compensation relate to performance as follows:

<b>Fixed Compensation</b>	<b>Variable Compensation</b>	
<b>Current Incentive</b>	<b>Short-term Incentives</b>	<b>Long-term Incentives</b>
<b>Based on skills, experience and market rates</b>	<b>Tied to Past Annual Performance</b>	<b>Tied to Future Long-term Share Price Performance</b>
<b>Base Salary</b>	<b>Cash Bonus</b>	<b>Stock Options</b> <b>Restricted Share Units</b>

*Employment Agreements with Named Executive Officers*

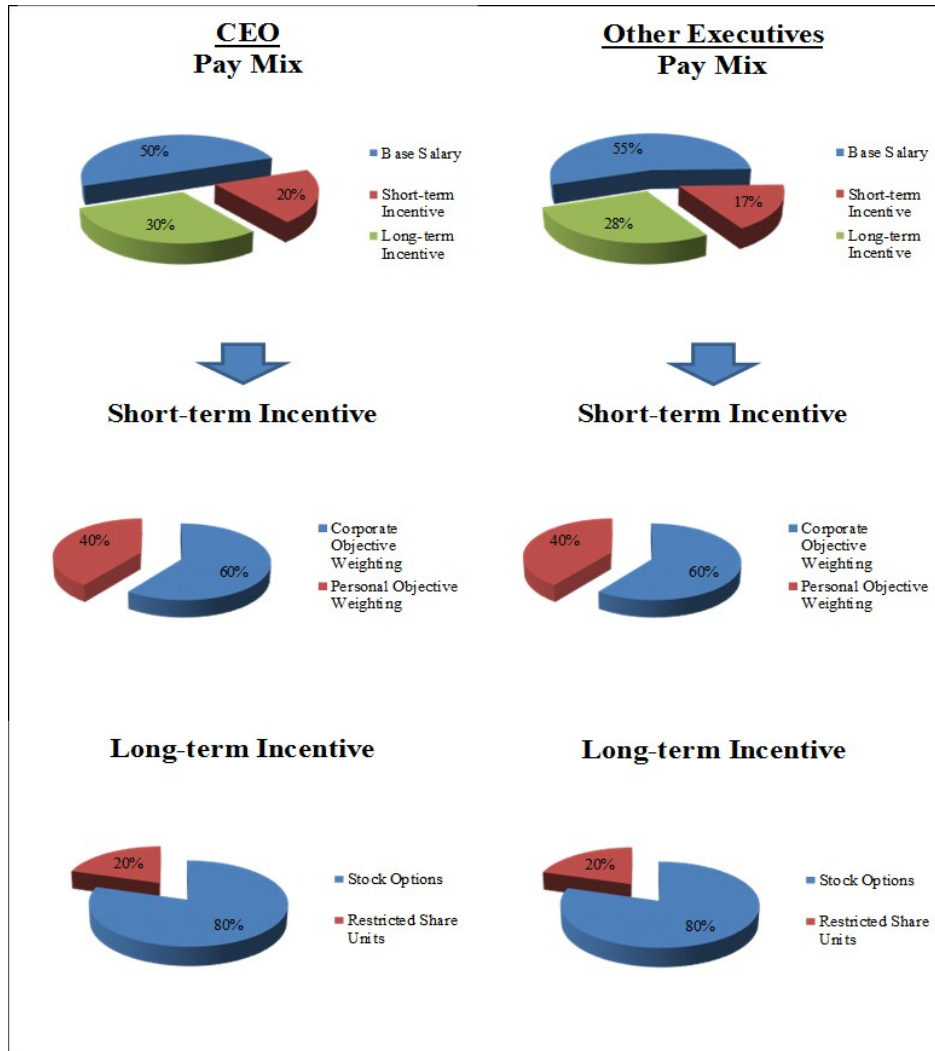
We have employment agreements with each of our executive officers. Traditionally, we have not maintained multi-year agreements. The agreements contain standard employment provisions, as well as salary, entitlement to a cash bonus to be determined in the discretion of the Board, and statements of eligibility for Company benefits (health and wellness benefits, paid time off, 401(k) plan), and equity compensation plans (stock option and RSU plans). The agreements also provide for post-termination obligations of the executives (one-year non-solicitation provisions applicable to all Named Executive Officers; and one-year non-competition provisions in the agreements of Messrs. Hatten and Cash, as well as Mr. Bonner). Post-termination obligations of the Company with respect to the NEOs, including in an event of change of control, are discussed and summarized below under the heading “*Potential Payments Upon Termination or Change of Control.*” The Compensation Committee reviews the employment agreements of and compensation program for the executive officers on a periodic basis.

*Objectives to be Met Through “Pay Mix”*

The compensation program is designed to provide motivation and incentives to our executive officers and employees with a view toward enhancing shareholder value while successfully implementing our corporate objectives. The compensation program accomplishes this by rewarding performance that is designed to create shareholder value. The portion of variable, at-risk, performance-based compensation is commensurate to the executive officer’s or employee’s position and increases as their respective level of responsibility increases. Further, the mix and structure of compensation is designed to strike an appropriate balance to achieve pre-determined objectives without motivating excessive risk taking.

Our share price may be heavily influenced by changes in uranium and other commodity prices, which are outside of our control. As a result, the compensation program is designed to focus on areas where the executive officers and employees have the most influence. To achieve this, a combination of operational, financial and share price criteria are utilized when selecting corporate and personal objectives and establishing an appropriate combination of pay.

The compensation structure and “pay mix” in place for 2018 for our CEO and other executive officers was as follows:



The characteristics of the compensation program’s mix of pay, as they relate to the executive officers, include:

- a significant portion of executive pay is at-risk;
- executive officers have a higher percentage of at-risk compensation relative to other employees, because they have the greatest ability to influence corporate performance;
- 60% of an executive’s short-term incentive is based on corporate performance; and
- 80% of an executive’s long-term incentive is composed of stock options, which are highly leveraged to our share price performance.

The incentive compensation actually received by the executive officers varies based upon individual performance and the achievement of the pre-determined corporate and personal objectives and is ultimately subject to the discretion of the Compensation Committee and the Board.

#### *Components of Compensation*

##### Base Salary

Base salary is the fixed portion of cash compensation earned by and paid to our executive officers and employees. We provide our executive officers and employees with base salaries to compensate them for services rendered during the fiscal year and to aid in attracting and retaining quality employees. Base salaries for all employees are reviewed annually and the Compensation Committee reviews the base salary for each executive officer routinely or upon a promotion or other change in job responsibility, based on the individual's level of responsibility, the importance of the position and the individual's contribution to our overall performance. The Compensation Committee also assesses the base salaries of the executive officers relative to a group of peer companies with similar scope and operations to ensure that base salaries are positioned competitively with executive officers in similar roles at peer companies. Our overall objective remains to provide a competitive base salary designed to recruit and retain qualified, high-performing executives, while responsibly administering our budget and achieving our corporate objectives, including advancing our Lost Creek operations as well as hoping to advance Shirley Basin into production when market conditions warrant.

There was a cost of living adjustment of three percent provided to our executives in 2018. We did not retain an independent compensation consultant in 2018, instead utilizing our subscription to Equilar.

##### Short-Term Incentive Plan

Total cash compensation includes base salary and any variable (at risk) short-term cash incentive compensation. Bonus awards under our short term incentive plan ("STIP") are calculated using a formula that is based upon performance in relation to corporate objectives, set by the Chief Executive Officer and executive management and approved by the Board, and in relation to personal objectives, also overseen by our Chief Executive Officer and Board. The STIP program is designed to recognize and reward both corporate and individual performance results. A rebalancing of the weighting of corporate and personal objectives as related to the STIP program, implemented in 2015, provides even greater personal responsibility of each executive officer for not only the corporate objectives, but also his or her personal objectives which are tied to that year's corporate objectives. This, too, was developed by the Compensation Committee through its review of peer group practices and other standards.

The following table shows the current target levels and weightings used to establish the 2018 STIP awards for our NEOs:

<b>STIP Targets and Weights</b>			
<b>POSITION</b>	<b>STIP Target (% of Base Salary)</b>	<b>Corporate Objectives Weight</b>	<b>Personal Objectives Weight</b>
Chairman, President and CEO: Jeffrey T. Klenda	40%	60%	40%
Chief Financial Officer and Chief Administrative Officer: Roger L. Smith	30%	60%	40%
Corporate Secretary and General Counsel: Penne A. Goplerud	30%	60%	40%
Vice President Operations: Steven M. Hatten	30%	60%	40%
Vice President Regulatory Affairs: John W. Cash	30%	60%	40%

We calculate the STIP awards as follows:



The following table provides a demonstrative example of the STIP award calculation that would result for a chief executive officer with a base salary of \$100,000, if his or her corporate and personal objectives results were as shown in the weighted payout column.

STIP Payout Calculation			
Objectives	Weighted Payout (a)	Objective Weight (b)	STIP Payout (a x b)
Corporate	96.3%	60%	57.8%
Personal	106.3%	40%	42.5%
			100.3%
STIP Target (as a % of base salary)		X	40.0%
STIP Payout (as a % of base salary)		=	40.1%
Base Salary		X	\$ 100,000
STIP Payout		=	\$ 40,100

Actual STIP awards are based on performance for the year and paid in the following year after our year-end results are released.

Long-Term Equity Incentives

The long-term incentive plan (“LTIP”) includes our Option Plan and the Ur-Energy Amended Restricted Share Unit Plan (the “RSU Plan”). The Option Plan and the RSU Plan form a long-term incentive plan for employees including executive officers and, in the case of the Option Plan, our consultants. Participation in the Option Plan and the RSU Plan is determined by the Compensation Committee, taking into account the recommendations of the Chief Executive Officer (and, for the Chief Executive Officer, the recommendations of the Compensation Committee). The purpose of the Option Plan and the RSU Plan is to provide eligible participants with the opportunity to own Common Shares of the Company, enhance Ur-Energy’s ability to attract, retain and motivate key personnel, and align the participant’s interests with those of the Company’s shareholders. Awards made under the Option Plan and RSU Plan are similarly based upon a pre-established formula tied to base salary and the compensation structure explained above (a percentage of base salary; 4:1 ratio between stock options and RSUs). The LTIP target for our CEO is 60% of his base salary; the LTIP target for our other Named Executive Officers is 50% of his or her base salary. A more detailed discussion of the Option Plan and RSU Plan can be found below under the heading “*Stock Options and RSUs.*”

Perquisites Including Benefits

We provide employees, including our executive officers, with perquisites including personal benefits that we believe are reasonable and consistent with the overall compensation program to better enable us to attract and retain quality employees. We periodically review the levels of perquisites provided to the employees and executive officers to ensure competitiveness and value. Executive officers participate on the same terms as other employees in our healthcare and

other benefit programs including a 401(k) Plan, medical, prescription drug, dental, vision, short-term and long-term disability, life and supplemental life insurances; employee assistance program; and health and dependent care flexible spending accounts.

#### Compensation Risk Assessment

The charter for our Compensation Committee the Committee to review and consider the implications of the risks associated with our compensation policies and practices to avoid encouraging inappropriate risk taking by executive officers. The Compensation Committee has undertaken reviews of this type in conjunction with periodic reviews of the compensation program, including most recently in December 2018. The Committee has implemented and maintained multiple practices to ensure that there are not incentives to take inappropriate or excessive risks, including: combining fixed and variable compensation, granting appropriate levels of equity compensation, and mandating equity ownership requirements for executive officers and directors which are routinely reviewed. Based upon the Compensation Committee's review, we do not believe that the Company's executive or non-executive compensation structure is reasonably likely to have a material adverse effect on the Company.

#### ***2018 Review of Compensation Program***

The Compensation Committee from time to time undertakes a comprehensive review of our compensation program which includes competitive market data, pay grades, share ownership guidelines and short-term and long-term incentives. Most recently, this review of the program and of the compensation of executive officers was completed in 2018. As we typically have done, the 2018 compensation program review began with the development of our peer group, to be utilized for multiple purposes. As with other peer comparator groups before it, the peer group was used within our corporate objectives as a base from which we can compare our performance to other companies in the group for such things as total shareholder return. It is also used as a comparison group when we evaluate our directors and officers compensation, with additional review of companies outside the peer group which have similar executive positions where the peer group does not have sufficient depth of data. Generally, we review and/or update our peer group annually. Once updated, the Compensation Committee reviews the peer group and recommends it, with any changes or additions, to the Board for approval. We subscribe to Equilar's compensation services. Equilar's tools assist us in the creation and evaluation of peer groups and in the evaluation of our directors and officers compensation.

The peer group approved by the Board includes five uranium producers and explorers and six other mining companies (e.g., gold, silver) with similar revenues, total assets and market capitalization, with a focus on U.S. or North American based companies. Our most recent review reflects the lack of similarly-situated uranium explorers and producers at this time and reaches out into other sectors of the mining industry to operating companies. Generally, our ranking is in the middle of the peer group in terms of revenues, total assets and market capital. Also, we have nine of the 11 companies in our peer group in common with our peer's peer groups. In other words, the companies in our peer group have also chosen many of the same companies to be in their peer groups. Our 2018 peer group, as approved by the Board of Directors is as follows:

- Alio Gold Inc.
- Americas Silver Corporation
- Denison Mines Corp.
- Energy Fuels Inc.
- Fission Uranium Corp.
- Gold Resource Corp.
- Great Panther Silver Limited
- NexGen Energy Ltd.
- Seabridge Gold Inc.
- SilverCorp Metals Inc.



## Uranium Energy Corp.

As a result of our compensation program review and establishment of the peer group, no changes to our compensation program were determined to be appropriate at that time, but rather were deferred to 2019. The weighting of personal and corporate objectives remains as it has been since 2015, with executives' personal objectives aligned with the objectives of the department for which the executive officer is responsible; the executives' personal objectives are also designed to help the Company achieve its overall corporate objectives. The categories of corporate objectives remain as before: Total Company, Lost Creek, Pathfinder and Corporate Services on a weighted basis as set forth below. Following commencement of operations at Lost Creek, we have maintained a more significant weighting for Lost Creek objectives (40%), for an even greater emphasis on operational priorities.

**2018 Performance on Objectives and Relationship to STIP Awards**

We use corporate objectives to broadly measure our total corporate performance. Our corporate objectives are grouped into Key Performance Areas, which in turn include a number of compensable Key Performance Indicators ("KPIs"). For 2018, our corporate objectives are divided into four Key Performance Areas ("KPA") that reflect our core reporting segments. The following table shows the KPAs and their respective weights.

<b>Key Performance Areas and Weights</b>	
<b>KPA</b>	<b>Weight</b>
Total Company	20%
Lost Creek	40%
Pathfinder	20%
Corporate Services	20%
<b>Total</b>	<b>100%</b>

Weightings for each KPA are established based on the reporting segment's objectives in relation to the overall corporate strategy of the Company. Health, safety and environmental performance objectives are embedded within each KPA. Each KPA includes a number of compensable targets or KPIs. KPIs are a combination of financial and non-financial measures that are directly aligned with the reporting segment's strategy. Each KPI is aimed at driving annual performance within the KPA.

KPIs are the result of a cooperative effort among the reporting segments, executive management and our Board of Directors to establish objectives that align with our corporate strategy as established by the Board. Reporting segment objectives that are considered to be most critical to corporate performance are selected to be KPIs. Selected KPIs, weightings and performance levels are presented to the Compensation Committee, and subsequently to the Board of Directors, for approval.

Each KPI has three performance levels (Threshold, Target and Maximum) that are used to measure results. Threshold, Target and Maximum performance-level values are based on quantifiable measures when possible, where typically the Threshold value is 80% of Target and the Maximum value is 120% of Target. When quantifiable measures are not possible, or more than one measure is used, we use a four-point scale to measure results as follows:

1	Unsatisfactory Performance (Fails to meet minimum expectations)
2	Partially Successful Performance (Needs some improvement in specific areas)
3	Fully Successful Performance (Effective)
4	Superior Performance (Highly Effective)

The target level of performance for each KPI is set at an aggressive level that represents a 'reasonable stretch'. For example, when using our four-point scale to measure results, a score of 3 (Fully Successful Performance) is used as the Target. Achieving the Target would result in a 100% payout of the Weighted KPI.

The Threshold level of performance is the minimum level of performance that must be met before being eligible for any payout on that KPI. The Threshold performance level is typically set at 80% of Target, or a score of 2 (Partially, but not Fully, Successful Performance) when using our four-point scale. There is no payout if the Threshold is not met. Achieving the Threshold would result in a 50% payout of the Weighted KPI. The Maximum level of performance for each KPI is typically set at 120% of Target, or a score of 4 (Superior Performance) when using our four-point scale. Achieving or exceeding the Maximum would result in a 150% payout of the Weighted KPI.

A straight-line interpolation is used to calculate payouts when the result is between the Threshold (50%) and Maximum (150%) targets. The Weighted Payout is the result of multiplying (a) the Weighted KPI times (b) the Result Payout.

Together with the Compensation Committee, management regularly monitors the corporate results as they relate to the KPIs to determine if the Company is on-track to meet its objectives. After year end, a final review of the corporate results is overseen by the Compensation Committee and reported to the Board of Directors. In March 2019, the Board of Directors reviewed corporate performance based upon the selected KPI objectives established for 2018. Our corporate performance was evaluated as having generally met the performance objective targets, and exceeded the targets in several categories and specific objectives.

Results of performance based upon our 2018 corporate objectives, as approved by the Compensation Committee and Board of Directors, are set forth in the tables below and explained in the text which follows each key performance area of the corporate objectives.

KPI / MEASURE	2018 RESULTS	THRESHOLD	TARGET	MAXIMUM	KPI WEIGHT	KPI PAYOUT	WEIGHTED KPI PAYOUT
<b>Total Company</b>							
<b>HSE</b> Maintain/reduce LTIFR and TRIFR incidents and regulatory violations. Emphasize safety culture.  <i>Score of 4.0 (Perfect safety record)</i>		2 - No Reduction	3 - 25% Reduction	4 - 50% Reduction	3%	150%	4.5%
<b>TSR</b> Achieve median one- and three-year return compared to peers.  <i>Score of 3.8</i> <i>1-year TSR – 87%</i> <i>3-year TSR - 52%</i>		25th Percentile	50th Percentile	75th Percentile	6%	140%	8.4%
<b>Average Realized Price</b> Exceed the one-year average published spot price.  <i>Score of 4.0</i> <i>Average realized price \$48.86</i> <i>Average spot price \$24.61</i>		80% of Spot Price	100% of Spot Price	120% of Spot Price	3%	150%	4.5%
<b>Regulatory</b> Defend against harmful, negative regulatory issues while working with industry and regulators on agreement state status (trade issues, EPA Part 192, Wyoming URP, etc.).  <i>Score of 3.8</i>		2/Threshold	3/Target	4/Outstanding	4%	140%	5.6%
<b>Strategic Plans</b> Implement 2018 strategic plan to positively position the company.  <i>Score of 3.6</i>		2/Threshold	3/Target	4/Outstanding	4%	130%	5.2%
					<b>20%</b>		<b>28.2%</b>

**Total Company:** Our “Total Company” corporate objectives continued to focus on safe, controlled-level production operations at Lost Creek. During 2018, we generated \$11.3 million in gross profits, reported positive earnings of \$0.03 per share, and built our inventory position to over 375,000 pounds of finished, ready-to-sell product. We achieved these results while at the same time maintaining a perfect safety record of no lost-time accidents at Lost Creek (which remains perfect at the date of this Circular).

In 2018, total U.S. uranium production remained at historic lows due in large part to uranium and nuclear fuel imported from state-subsidized foreign entities; indications are that 2019 domestic production is likely to be even lower. A

healthy uranium mining industry is vital to U.S. national security, because it supplies fuel for nuclear power plants that are a key component of the nation's critical energy infrastructure and essential defense needs. In January 2018, together with Energy Fuels, we filed a petition under Section 232 of the Trade Expansion Act of 1962 to the U.S. Department of Commerce ("DOC") for relief from imports of uranium products that threaten national security requesting (1) the DOC to investigate the effects of uranium imports on U.S. national security and (2) the President of the United States to use his authority to adjust imports to ensure the long-term viability of the U.S. uranium mining industry. The petition proposes sensible remedies that will support a viable domestic uranium mining industry with a negligible impact on U.S. nuclear utilities. DOC initiated its investigation in July 2018

Due to the market conditions, which remain depressed, we chose to do no further development work after the three new header houses in MU2 at Lost Creek (begun in 2017) were completed and operational. The inclusion of production from those wellfield areas permitted us to capture 302,164 pounds at Lost Creek, although, as to be expected, production began a decline later in the year. Lower head grade and reduced flowrate is a typical result as a mine matures and older operating patterns, particularly in MU1, remain in operations.

At year-end, we had captured in the wellfield approximately 2.7 million pounds, life-of-project. Additionally, with the continuing depressed uranium market in 2018, we sought to further de-risk our business through the creation of additional value in our term contracts, balancing production and purchased pounds to be delivered into the contractual obligations. During 2018, the Company sold 470,000 purchased pounds under term contracts at an average price of \$49.39. From production, Lost Creek sold 10,000 pounds during 2018 in a tax-driven spot sale. The 470,000 pounds sold into term contracts were purchased at an average price of \$24.42 per pound. Revenues from these sales permitted us again to timely make all payments in debt service during 2018, another accomplishment which continues to distinguish our Company.

As a result of our diligent cash-flow management, our free cash flow again exceeded our budget for the year. Even in the face of sustained depressed uranium pricing, our results on Total Shareholder Return (TSR), exceeded our targets for both one- and three-year results. *See also* discussion under heading "*Total Shareholder Return*," below.

KPI AND MEASURE	2018 RESULTS	THRESHOLD	TARGET	MAXIMUM	KPI WEIGHT	KPI PAYOUT	WEIGHTED KPI PAYOUT
<b>Lost Creek</b>							
<b>HSE</b> Maintain/reduce LTIFR and TRIFR incidents and reduce number and severity of regulatory violations. Reduce number and volume of reportable spills.  <i>Score of 3.9</i>		2/Threshold	3/Target	4/Outstanding	12%	145%	17.4%
<b>Production</b> Achieve budgeted production (312k) and cash cost per pound (\$23.77).  <i>Score of 2.8</i> 302,164 pounds captured \$25.18/lb. cash cost		2/Threshold	3/Target	4/Outstanding	10%	90%	9.0%
<b>Resources</b> Update internal resource estimates based on development drilling results.  <i>Score of 3.0</i>		2/Threshold	3/Target	4/Outstanding	8%	100%	8.0%
<b>Operations</b> Complete automated data compilation into database to allow for routine data analysis.  <i>Score of 2.7</i>		2/Threshold	3/Target	4/Outstanding	6%	85%	5.1%
<b>Permitting</b> Complete federal and state permitting of LC East by responding to RAIs within one month of receiving requests.  <i>Score of 3.5</i>		2/Threshold	3/Target	4/Outstanding	4%	125%	5.0%
					<b>40%</b>		<b>44.5%</b>

**Lost Creek:** Our corporate objectives continued to focus on Lost Creek operations, with a weighting of 40% to the objectives directly related to Lost Creek; in 2018, this included advancing our operations on a limited production plan, while continuing to improve our safety standards. As described above, we continue to strive to improve our overall safety record and have demonstrated that commitment with the safety milestone of 12 months with no lost-time accidents (August 2018), which continues to date (591 days). The operational refinements implemented in the past several years continue to serve us well, as we continue to control our production rates at lower levels with good efficiencies. Throughout 2018, we steadily built our inventory of finished, ready-for-sale product.

Permitting advances made during the year were largely focused on the process to obtain all approvals for the amendments to existing permits and authorizations for recovery from mine units at LC East. Ultimately, the BLM Final Environmental Impact Statement and Record of Decision were issued just after the end of year, and we expect

all remaining authorizations to follow in coming months, such that LC East should be fully permitted and licensed in 2019.

While we conducted an additional reduction in force in February 2018, we have been successful in maintaining a skilled and dedicated workforce, who are now proceeding with further operational refinements in order to be best prepared for the ramp up of Lost Creek operations.

KPI AND MEASURE	2018 RESULTS	THRESHOLD	TARGET	MAXIMUM	KPI WEIGHT	KPI PAYOUT	WEIGHTED KPI PAYOUT
<b>Pathfinder</b>							
<b>HSE</b> Maintain/reduce LTIFR and TRIFR incidents and regulatory violations. Emphasize safety culture.  <i>Score of 4.0 (Perfect safety record)</i>		2/Threshold	3/Target	4/Outstanding	6%	150%	9.0%
<b>Shirley Basin Permitting</b> Advance permitting and assist industry and regulators with establishment of Wyoming URP.  <i>Score of 3.2</i>		2/Threshold	3/Target	4/Outstanding	6%	110%	6.6%
<b>Data Development</b> Monetize Pathfinder data through sale/JV of Excel Project and sale of other data.  <i>Score of 3.0</i>		2/Threshold	3/Target	4/Outstanding	4%	100%	4.0%
<b>Government and Community Relations</b> Maintain and improve relations (government and community relations efforts).  <i>Score 3.0</i>		2 No Improvement	3 Good Improvement	4 Significant Improvement	4%	100%	4.0%
					<b>20%</b>		<b>23.6%</b>

**Pathfinder:** Performance relative to our corporate objectives for our Pathfinder Mines assets continued to be strong in 2018. Our safety record for Pathfinder, including Shirley Basin Project, remained perfect: no incidents. We continued to advance our application for a permit to mine at Shirley Basin; WDEQ has progressed with its technical review. Our application for a source material license for Shirley Basin is now proceeding through its review with the State of Wyoming Uranium Recovery Program (“URP”). We anticipate this process to be complete, with necessary permits and authorizations received, in 2019. As anticipated, the BLM has initiated its review of the Plan of Operations upon completion of its review of the LC East amendment. Work is well underway on initial engineering evaluations, designs and studies.

Efforts to advance value from the Pathfinder exploration database continued, with further claims located at our new Excel gold project, as well as further testing and analysis conducted there. As well, the ongoing review and analyses of the database in order to exploration projects for which data may be sold or traded continued. While we retain our

focus, first and foremost, as a low-cost uranium producer, the opportunities presented by the Excel Project were too attractive not to pursue. We are considering all prospects to advance this new exploration project, and to obtain value for our shareholders, whether further exploring the project ourselves, identifying a viable venture partner, or through a sale process. Additionally, we will continue to mine the large database for other exploration and data sale opportunities.

KPI AND MEASURE	RESULTS	THRES-HOLD	TARGET	MAXIMUM	KPI WEIGHT	KPI PAYOUT	WEIGHTED KPI PAYOUT
<b>Corporate Services</b>							
<b>HSE</b> Maintain/reduce LTIFR and TRIFR incidents and regulatory violations. Emphasize safety culture.  <i>Score of 3.8</i>		2/Threshold	3/Target	4/Outstanding	4%	140%	5.6%
<b>Risk Management</b> Minimize risk and maintain compliance.  <i>Score of 3.4</i>		2/Threshold	3/Target	4/Outstanding	4%	120%	4.8%
<b>Financial Management</b> Achieve \$5.2 million average cash budget while meeting operating requirements.  <i>Score of 4.0</i>		80%	Budget	120%	6%	150%	9.0%
<b>HR / IR</b> Expand and improve HR and IR programs.  <i>Score of 3.3</i>		2/Threshold	3/Target	4/Outstanding	3%	115%	3.5%
<b>IT</b> Study cloud-based backup solution for critical servers and implement it or another solution depending on findings.  <i>Score of 2.5</i>		2/Threshold	3/Target	4/Outstanding	3%	75%	2.3%
					<b>20%</b>		<b>25.2%</b>
<b>Grand Total: Score of 3.43</b>					<b>100%</b>		<b>121.5%</b>

*Corporate Services:* As is emphasized for all our operational staff, our corporate services group maintains a vigilant focus on safety for themselves and at the corporate offices, but also in support of the operational sites. The safety record for corporate services was, again, perfect. Risk management remained a priority for our finance, compliance and legal groups, with reporting and other obligations completed in a timely and professional manner. We experienced no significant legal or compliance issue during the year. Our internal and external reporting remains of high quality, and our internal reporting continues to evolve. The finance department was successful in forecasting and managing

our cash resources. All of these efforts relate to our ongoing efforts to strategically and successfully position the Company in these challenging market times. Our Chief Financial Officer continues his review of our compensation and benefits programs.

Overall, our 2018 performance-to-objectives result was 121.5% of the targeted 100%.

**Total Shareholder Return**

The total shareholder return (“TSR”) of the Company compared with the returns of our peer comparator group is shown on a one-year through five-year basis in the table below. The one-year TSR for Ur-Energy was well above the top quartile at 87%, with a ranking in the top three of the comparator companies. The longer, three-year TSR was lower, at approximately 52%, primarily driven by continuing depressed uranium pricing, which impacted producing uranium companies more than non-producers and significantly more than non-uranium mining companies such as gold and silver companies.

**Total Shareholder Returns as at December 31, 2018**

**Ur-Energy Inc. Comparator Companies**

**Small Cap Mining Companies - emphasis on uranium & US based companies**

**YTD TSRs**

<b>Company Name</b>	<b>1 Year</b>	<b>2 Years</b>	<b>3 Years</b>	<b>4 Years</b>	<b>5 Years</b>
<b>Ur-Energy Inc</b>	<b>3.49%</b>	<b>11.96%</b>	<b>0.00%</b>	<b>-2.63%</b>	<b>-9.17%</b>
Alio Gold Inc.	-75.11%	-47.36%	-15.40%	-43.62%	-36.67%
Americas Silver Corporation	-51.31%	-20.18%	22.92%	-5.70%	-3.75%
Denison Mines Corp.	-8.70%	-5.13%	-3.45%	-13.58%	-13.35%
Energy Fuels Inc.	71.24%	32.33%	-1.90%	-14.19%	-8.66%
Fission Uranium Corp.	-30.32%	-8.14%	-12.99%	-10.98%	-12.78%
Gold Resource Corp.	-8.75%	-3.69%	34.80%	5.89%	-0.74%
Great Panther Silver Limited	-40.49%	-33.90%	11.48%	8.49%	4.72%
NexGen Energy Ltd.	-24.92%	1.70%	49.53%	58.64%	52.17%
Seabridge Gold Inc.	26.28%	27.76%	16.30%	19.58%	18.59%
SilverCorp Metals Inc.	-12.15%	-3.71%	63.93%	17.64%	3.96%
Uranium Energy Corp.	-29.38%	5.64%	5.64%	-8.06%	-8.97%
<b>Percent Rank</b>	81.62%	82.56%	32.73%	51.25%	28.77%
<b>Median</b>	-23.32%	-3.71%	11.48%	-4.21%	-3.75%
<b>Mean</b>	-15.43%	-4.82%	15.41%	2.04%	0.39%
<b>10th Percentile</b>	-51.31%	-33.90%	-12.99%	-14.19%	-13.35%
<b>25th Percentile</b>	-35.41%	-14.16%	-2.68%	-12.28%	-10.72%
<b>75th Percentile</b>	-4.81%	4.11%	28.49%	13.99%	4.54%
<b>90th Percentile</b>	26.28%	27.76%	49.53%	19.58%	18.59%
<b>Minimum</b>	-75.11%	-47.36%	-15.40%	-43.62%	-36.67%
<b>Maximum</b>	71.24%	32.33%	63.93%	58.64%	52.17%
<b>Ur-Energy Inc.'s Rank</b>	<b>3</b>	<b>3</b>	<b>8</b>	<b>6</b>	<b>9</b>
	<b>&gt; P75</b>	<b>&lt; P75</b>	<b>&gt; P25</b>	<b>&gt; P50</b>	<b>&gt; P25</b>

**Source: S&P Capital IQ  
For Information**

	<b>1 Year</b>	<b>2 Years</b>	<b>3 Years</b>	<b>4 Years</b>	<b>5 Years</b>
S&P/TSX Composite Index	-11.64%	-6.31%	10.09%	-2.12%	5.15%
S&P/TSX Venture Composite Index	-34.50%	-26.91%	6.00%	-19.89%	-40.21%
S&P/TSX Global Mining Index	-6.28%	7.49%	52.74%	9.24%	-6.78%



Executive Compensation – Related Fees

The Compensation Committee did not utilize any third-party consulting services during 2018. Management and the Compensation Committee continue to utilize the Company's subscription to Equilar Services.

***2019 Compensation Program and Outlook***

While the compensation program will remain largely the same in 2019 for all employees and executive officers, recommendations from the compensation studies in recent years, supported by the Compensation Committee and the Board, continue to be reviewed and implemented by the Company (this may include further action on aligning compensation to peer comparators, refining the STIP plan, or other matters).

The average spot price per pound of U<sub>3</sub>O<sub>8</sub>, as reported by UxC, LLC (formerly, The Ux Consulting Company, LLC) and TradeTech, LLC, at or about the Record Date was \$25.88. Because of the continuing low spot price environment, we once again intend to maintain a controlled and reduced production level and will do so until market conditions improve or there is a successful outcome to the Section 232 trade action. For 2019, we have suspended further MU2 development activities, implemented further cost reductions, and secured purchase contracts for 100% of our 2019 delivery obligations. We expect our gross profit in 2019 to be approximately \$11.5 million from the sale of purchased product, which represents a cash-basis gross profit margin of between 45% and 50%. We are not currently forecasting any spot sales in 2019 at this time; we may, however, choose to sell additional produced product depending on market conditions.

We have maintained our Lost Creek assets and retained our core technical and management staff to run the best operations, and to be prepared to ramp up when we are able. With initial development costs of approximately \$14 million and no significant capital expenditures, these measures also provide us with the operational leverage for an efficient and low-cost ramp-up at Lost Creek when market conditions improve or there is a successful outcome to the Section 232 trade action.

We currently have over 375,000 pounds of finished, ready-to-sell, product inventory in storage at the conversion facility. Production from our operating MU1 and MU2 HHs, expected to be between 75,000 and 100,000 pounds, will be used to further build our inventory position of finished, ready-to-sell, product at the conversion facility. The inventoried pounds, or the in-the-money contracts themselves, can readily be converted to cash on an as-needed basis.

Our “total company” objectives for 2019 continue to concentrate on operating safely in an environmentally-sound fashion, focusing on the health and well-being of our employees, while returning value to our shareholders.

***Additional Compensation Practices***

*Share Ownership Guidelines*

All of our executive officers and directors are encouraged to have a significant long-term financial interest in our Company. To encourage alignment of the interests of the executive officers and directors with those of our shareholders, in 2009, the Board of Directors mandated that each executive officer of Ur-Energy, whether currently appointed or appointed in the future, is required to invest an amount equal to one times the executive officer's annual base salary in shares or securities redeemable into shares on or before the later of (i) December 31, 2013, (ii) the fifth anniversary of the executive officer's appointment, or (iii) the date of the most recent salary increase. The investment amount is calculated using the amount of the base salary of the executive officer at the later of (i) January 1, 2009, (ii) the date of executive officer's appointment, or the date of the most recent base salary increase. The share ownership requirements are also applicable to the non-executive directors who are required to invest an amount equal to three times their annual retainer. See further discussion under the heading “*Share Ownership Guidelines for Directors?*” below. Reviewed most recently in December 2018, all executive officers meet the Share Ownership Guidelines or are on-track to meet the Share Ownership Guidelines within the prescribed timeframes.

*Anti-Hedging Policy; Pledging*

We have a formal anti-hedging policy which prohibits our executive officers and directors from engaging in any hedging or similar monetization transactions with respect to the Company's securities, including, but not limited to, through the use of financial instruments such as exchange funds, prepaid variable forwards, equity swaps, puts, calls, collars, forwards and other derivative instruments, or through the establishment of a short position in the Company's securities.

The Board has not formally adopted a policy restricting the pledging of its Common Shares held by executive officers or directors as, historically, there has been little or no pledging of the Company's shares by our executive officers or directors. Currently, only one insider has pledged Common Shares; those pledged Common Shares represent approximately one percent of our issued and outstanding shares. Among the directors and executive officers, there have been no other pledged Common Shares of the Company. See Notes to *Security Ownership Table*, above.

*Clawback Policy*

The Company has adopted a clawback policy pursuant to which the Company would be entitled to recoup incentive compensation amounts paid to executive officer(s) in the event of a future restatement of financial results and other specified events. This policy covers all incentive cash and equity compensation, including any cash bonuses, restricted share units or stock options received by the executives. It provides that the Board may direct the Company to recoup the incentive cash and equity compensation of the executive(s) at fault if all three of the following events occur:

- the Company makes an accounting restatement of our financial statements if there is a material financial reporting non-compliance under securities laws; and
- the executive(s) engaged in gross negligence, intentional misconduct or fraud which caused or significantly contributed to the restatement; and
- the executive(s) was overcompensated with respect to incentive cash and equity compensation during the year(s) subject to the restatement.

If all three of the preceding events occur, the Board of Directors, following review and recommendation by the Compensation Committee, will decide when and how the policy will apply. The Company may recoup the portion of incentive cash and equity compensation received by the executive(s) at fault during the year(s) subject to the restatement that is in excess of the incentive compensation that would have been received based on the restated results.

*Tax and Accounting Considerations*

The Compensation Committee considers tax and accounting rules and regulations when structuring our executive compensation program. Our plans and programs are designed to comply with or be exempt from the requirements of Section 409A of the Internal Revenue Code of 1986, as amended (the "IRS Code"), which regulates deferred compensation and provides for potentially early taxation and a 20% additional tax on non-compliant arrangements. Equity awards are accounted for under FASB ASC Topic 718, which requires the recognition of expense for the fair value of such awards, and the Compensation Committee considers the accounting expense of such awards when authorizing stock option and RSU grants.

**EXECUTIVE COMPENSATION**

***Say on Pay Advisory Vote in 2018***

In 2018, our shareholders approved our compensation program for our Named Executive Officers by a vote in favor of 99%.

The Compensation Committee believes the results of our advisory votes on "say on pay" continue to be indicative that the clear majority of our shareholders are satisfied with our executive compensation policies and decisions, and that

our executive compensation program effectively aligns the interests of our Named Executive Officers with the interests of our shareholders. As a part of the review of our compensation program and, specifically, review of our compensation of our Named Executive Officers, we did not make substantive changes to the compensation of our executives in 2018; the executives were provided cost of living raises, only, during 2018.

The formal review made in 2018 involved survey data from the peer group established by the Company, utilizing Equilar data. The review revealed that our executive officers have fallen well behind even the median ranges of the comparator company data, with only certain limited exceptions. Further study was called for, but no action was taken in 2018. Instead, efforts to better align the executive officers' base compensation with the Company's peers were deferred to 2019. Subsequent to year end, an initial correction to adjust the base compensation of our CEO, Mr. Klenda, was made; his salary was increased to \$428,796 to become effective in 2019. Consideration of other executive compensation will be a part of our 2019 compensation review, and, if appropriate, further changes to better align our executive compensation with that of our peer comparator companies may be made.

We continue to review our human resources in light of the Company's current operations and needs. As a result of persistently low uranium prices, and responsive reductions in production to control at or about the level of our contractual requirements, we have reduced our overall employee count from a combined Ur-Energy USA (Casper/Littleton) and Lost Creek total of 90 employees at year-end 2013 to a combined 42 employees at year-end 2018.

Based upon the first advisory vote by our shareholders, in 2014, concerning "say when on pay," our Board adopted an annual advisory vote for "say on pay," until our next say when on pay vote in 2020. As a result, our next say on pay vote will be in 2020.

**Summary Compensation Table**

The following table sets forth the summary information concerning compensation earned during the financial years ended December 31, 2018, 2017 and 2016 by our Named Executive Officers serving at December 31, 2018.

Name and principal position	Year	Salary (\$)	Bonus <sup>(1)</sup> (\$)	Stock awards (\$)	Option awards (\$)	Non-equity incentive plan compensation (\$)	Change in pension value and nonqualified deferred compensation (\$)	All other compensation <sup>(1)</sup> (\$)	Total (\$)
<b>Jeffrey T. Klenda</b> President and Chief Executive Officer	2018	321,436	149,399	38,171	65,108	Nil	Nil	Nil	574,114
	2017	312,441	136,034	46,157	71,373	Nil	Nil	Nil	566,005
	2016	309,941	41,954	46,621	79,725	Nil	Nil	Nil	478,241
<b>Roger L. Smith</b> Chief Financial Officer and Chief Administrative Officer	2018	275,150	90,722	27,230	46,444	Nil	Nil	11,006	450,552
	2017	267,444	88,133	32,925	50,913	Nil	Nil	10,698	450,113
	2016	265,301	27,421	33,255	56,869	Nil	Nil	10,612	393,458
<b>Penne A. Goplerud</b> General Counsel and Corporate Secretary	2018	247,372	83,529	24,480	41,755	Nil	Nil	9,895	407,031
	2017	240,446	78,997	29,601	45,773	Nil	Nil	9,618	404,435
	2016	238,520	25,369	29,899	51,128	Nil	Nil	9,541	354,457
<b>Steven M. Hatten</b> Vice President, Operations	2018	216,794	70,836	21,455	36,594	Nil	Nil	8,672	354,351
	2017	210,731	69,606	25,943	40,115	Nil	Nil	8,429	354,824
	2016	209,044	20,722	26,203	44,810	Nil	Nil	8,362	309,141
<b>John W. Cash</b> Vice President Regulatory Affairs	2018	206,614	70,381	20,447	34,876	Nil	Nil	7,550	339,868
	2017	200,826	64,800	24,724	38,231	Nil	Nil	7,347	335,928
	2016	199,217	20,588	24,971	42,703	Nil	Nil	7,352	294,831

(1) Each of the NEOs (Messrs. Klenda, Smith, Hatten and Cash and Ms. Goplerud) has an employment agreement with the Company, as has been amended from time to time. See discussion under heading "Employment Agreements with Named Executive Officers" above and "Potential Payments Upon Termination or Change of Control – Employment Agreements with our Named Executive Officers" below.

- (2) Annual incentive plan awards are shown in the year paid. As described above, STIP awards are typically determined in the first calendar quarter based upon performance to corporate and personal objectives for the preceding year. The STIP awards for the Named Executive Officers for 2018, determined and approved by the Compensation Committee and Board of Directors in March 2019 and which will be paid in 2019, are as follows: Mr. Klenda, \$216,284; Mr. Smith, \$102,251; Ms. Goplerud, \$92,079; Mr. Hatten, 80,430; and Mr. Cash, \$79,448.
- (3) The issuance of share-based and option-based awards in conjunction with the LTIP are shown in the year they were issued.
- (4) Canadian dollar figures have been converted to U.S. dollar figures at the average exchange rate for 2018 of C\$1.00 = US\$0.772113; for 2017 of C\$1.00 = US\$0.771137; and for 2016 of C\$1.00 = US\$0.755522, as quoted by Bank of Canada on its website [www.bankofcanada.com](http://www.bankofcanada.com).
- (5) For additional information regarding the fair value of stock options and RSUs, as at December 31, 2018 (using the Company's TSX closing stock price of C\$0.89 on the last trading day of 2018), see Annual Report on Form 10-K, note 14 to Financial Statements, which has been filed with the SEC at <http://www.sec.gov/edgar.shtml> and with Canadian securities regulators, and is available at [www.sedar.com](http://www.sedar.com).
- (6) Reflects only the Company's matching contribution toward the executive's 401(k) retirement account. Other aspects of compensation or perquisites are of a non-material value, and/or are provided to executive officers in the same fashion as all employees of the Company (e.g., healthcare, disability, and other insurances).

### EQUITY INCENTIVE PLANS

The following table sets forth certain summary information concerning our equity compensation plans as at December 31, 2018. Directors, officers, employees, and consultants are eligible to participate in the Option Plan. Directors and employees, including executive officers, are eligible to participate in the RSU Plan.

	Number of Common Shares to be Issued Upon Exercise of Outstanding Options, Warrants and Rights	Weighted Average Exercise Price of Outstanding Options, Warrants and Rights <sup>(2)</sup> (C\$)	Number of Common Shares Remaining for Future Issuance (Excluding Common Shares to be Issued Upon Exercise of Outstanding Options, Warrants and Rights) <sup>(3)</sup>
Equity compensation plans approved by securityholders <sup>(1)</sup>	10,747,108	\$ 0.64	3,055,321
Equity compensation plans not approved by security-holders	-	-	-

(1) Our shareholders have approved both the Option Plan and the RSU Plan.

(2) The exercise price represents the weighted exercise price of the 9,731,612 outstanding stock options at December 31, 2018.

(3) The figure represents the Common Shares remaining available for issuance under the Option Plan and the RSU Plan as reserved with the TSX at December 31, 2018.

### Stock Options and RSUs

We adopted the Ur-Energy Inc. Amended and Restated Stock Option Plan in 2005 in order to advance our interests by providing directors, officers, employees and consultants with a financial incentive tied to the Company's long-term financial performance and continued service to or employment with us. Subsequently, we adopted the Ur-Energy Inc. Restricted Share Unit Plan, as thereafter amended, as part of our overall stock-based compensation plan. The RSU Plan allows participants to earn Common Shares over time, rather than options that give participants the right to purchase shares at a set price.

A total of up to 10% of Ur-Energy's issued and outstanding Common Shares may be reserved for issuance pursuant to the Option Plan and the RSU Plan, in the aggregate. As of March 26, 2019, we have listed and reserved 13,772,429 Common Shares in the aggregate of which 12,210,613 Common Shares were reserved under the Option Plan, and 1,561,816 Common Shares were reserved under the RSU Plan. We allocate approximately 80% of those reserved

shares to the Option Plan and 20% to the RSU Plan, and award grants using a ratio of 4:1 Options to RSUs. The RSU Plan does not allocate more than five percent of the reserved Common Shares. Of those currently reserved, 9,731,612 options for Common Shares have been granted and are outstanding, as at March 26, 2019, or approximately 6.1% of our issued and outstanding Common Shares. There are 985,496 RSUs that have been granted and are outstanding as of March 26, 2019, or approximately 0.6% of our issued and outstanding Common Shares. The number of shares reserved is subject to adjustment if the Common Shares are subdivided, consolidated, converted or reclassified or the number of Common Shares varies as a result of a stock dividend or an increase or a reduction in our share capital. We do not permit the payment of dividends on unvested or redeemed equity awards of all types. The run rate (or, “burn rate”) on the equity plans for the past three years is as follows:

	2018	2017	2016
<b>Stock Option Plan</b>	1.5%	1.8%	2.2%
<b>Restricted Share Unit Plan</b>	0.3%	0.4%	0.5%

As at March 26, 2019, the closing price of our Common Shares on the NYSE American LLC (“NYSE American”) was \$0.83 and on the TSX was C\$1.11.

#### ***Option Plan***

Under the Option Plan, options may be granted to our directors, executive officers, eligible employees and consultants. As of March 26, 2019, there are approximately 18 employees and six non-executive directors who would be eligible to participate in the Option Plan. The Option Plan was most recently approved by shareholders on May 18, 2017.

The maximum number of Common Shares that may be reserved for issuance to any one person under the Option Plan is five percent of the number of Common Shares outstanding at the time of reservation. The options are personal and non-assignable. Option holders do not have any shareholder rights (and, specifically, shall not be entitled to dividends) with respect to options unless and until the options are exercised and stock certificates are issued in the name of the option holder. The exercise price for Common Shares subject to an option is determined by the Board of Directors at the time of grant and may not be less than the market price of the Common Shares at the time the option is granted. Market price at any date in respect of the Common Shares means the closing price of the Common Shares on the TSX (or, if the Common Shares are not then listed and posted for trading on the TSX, then on the recognized stock exchange on which such Common Shares are listed or posted or, if such Common Shares are not so listed on any recognized stock exchange, then on the over-the-counter market on which they are traded or posted as selected for such purpose by the Compensation Committee or, in accordance with Section 5.5 of the Option Plan) on the immediately preceding trading day.

Amendments to the Option Plan, approved by the shareholders in May 2017 (a) amended and extended the vesting period so that, going forward, options in a grant vest over a three-year period: one-third on the first anniversary, one-third on the second anniversary and one-third on the third anniversary of the grant; (b) confirmed that dividends, for all award types, shall not be payable on unvested options; (c) updated the Option Plan for compliance with applicable laws, including conformity with tax rules and requirements; and (d) made certain other housekeeping changes. The amendments did not request any increase in the percentage number of Common Shares available for issuance under the Option Plan, nor did the amendments change the term (five years) of the options.

Additionally, in no event shall more than five percent of the shares available for issuance under the Option Plan have a stated vesting/exercisability schedule of less than one year from the date of grant.

Options granted under the Option Plan are subject to early termination under certain circumstances, including (i) one year after the death of the option holder, (ii) three months after the option holder’s resignation or dismissal without cause as an employee or consultant, or (iii) immediately upon the option holder’s dismissal for cause as an employee. In each case, only options vested at the time of the event which gave rise to such early termination may be exercised by the option holder during such period. The Option Plan also provides that upon a change of control all options under the Option Plan vest immediately and are immediately exercisable.

The Option Plan and the terms of any outstanding option may be amended at any time by the Board subject to any required regulatory or shareholder approvals, provided that where such an amendment would prejudice the rights of an option holder under any outstanding option, the consent of the option holder is required to be obtained. Amendments requiring shareholder approval are those amendments set forth in the TSX Company Manual. Amendments that do not require shareholder approval are “housekeeping” amendments such as amendments to the Option Plan to comply with regulatory requirements, amendments related to the administration of the Option Plan and to change the eligibility requirements under the Option Plan and terms and conditions on which the options may be granted. The Option Plan may be suspended, terminated or discontinued in the sole discretion of the Board of Directors.

Stock options are generally treated as ordinary compensation income as and when Common Shares are issued to the participant upon exercise of the award, however, in the case of Incentive Stock Options, the options are taxable at long-term capital gains tax rates when the issued Common Shares are sold so long as certain conditions are met. If the participant is an employee, the income may be subject to withholding for income and employment tax purposes. The Company is generally entitled to an income tax deduction equal to the amount of ordinary income recognized by the participant, subject to possible limitations imposed by the IRS Code. Please note that the foregoing description is based upon U.S. federal income tax laws in effect on the date of this Circular and does not purport to be complete, and does not discuss state, local or non-U.S. tax consequences.

### ***RSU Plan***

The RSU Plan was adopted by the Board of Directors on May 7, 2010 and was approved in its entirety most recently by our shareholders on May 5, 2016 with an approval of 67%. Certain amendments to the RSU Plan were approved and ratified by our shareholders on May 28, 2015, with an approval of 94%.

Under the RSU Plan restricted share units may be granted to directors and employees, including executive officers, of Ur-Energy as possible eligible participants. The Board of Directors has appointed the Compensation Committee to determine which persons are entitled to participate in the RSU Plan and the number of RSUs to be awarded to each participant. The RSU Plan does not limit the participation of any specific eligible participant including insiders. RSUs awarded to participants are credited to a notional account that is established on their behalf and maintained in accordance with the RSU Plan. Each RSU awarded conditionally entitles the participant to the delivery of one Common Share (or cash in lieu of such share at the Compensation Committee’s discretion) upon attainment of the RSU vesting period. Grants of RSUs vest 100% on the two-year anniversary of the date of the grant.

The RSU Plan permits us to either redeem RSUs for cash or issue Common Shares from treasury in order to satisfy all or any portion of a vested RSU award. If redeemed for cash, RSUs will be redeemed for an amount equal to fair market value which means the closing price of the Common Shares on the TSX on the business day immediately prior to the redemption date, or if the shares are not listed on the TSX, then on such other stock exchange or quotation system as may be selected by the Compensation Committee, provided that, if the Common Shares are not listed or quoted on any other stock exchange or quotation system, then the fair market value will be the value determined by the Compensation Committee in its sole discretion acting in good faith. In the event of a change of control, as defined in the RSU Plan, we are required to redeem 100% of the RSUs granted to participants. In the event of an involuntary termination of an employee, other than for cause, or a director who is not re-elected, we are required to redeem the RSUs for cash. Rights respecting RSUs shall not be transferable or assignable other than by will.

The Board may from time to time amend or suspend the RSU Plan and may at any time terminate the RSU Plan. No such amendment, suspension or termination shall adversely affect the rights of any eligible person with respect to outstanding and unredeemed RSUs credited to that person without that RSU holder’s consent. Amendments requiring shareholder approval are those amendments set forth in the TSX Company Manual. Amendments that do not require shareholder approval are “housekeeping” amendments such as amendments to the RSU Plan to comply with regulatory requirements, amendments related to the administration of the RSU Plan and to change the eligibility requirements under the RSU Plan and terms and conditions on which the RSUs may be granted.

RSUs are generally treated as ordinary compensation income as and when Common Shares are issued to the participant upon vesting or settlement of the award. If the participant is an employee, this income is subject to withholding for

income and employment tax purposes. The Company is generally entitled to an income tax deduction equal to the amount of ordinary income recognized by the participant. Please note that the foregoing description is based upon U.S. federal income tax laws in effect on the date of this Circular and does not purport to be complete, and does not discuss state, local or non-U.S. tax consequences.

**GRANTS OF PLAN-BASED AWARDS TO NAMED EXECUTIVE OFFICERS**

The following table sets forth information concerning option-based and share-based awards granted to each of the Named Executive Officers during the year ended December 31, 2018.

Name	Grant date	Estimated future payouts under non-equity incentive plan awards			Estimated future payouts under equity incentive plan awards			All other stock awards: Number of shares of stock or units (#)	All other option awards: Number of securities underlying options (#)	Exercise of base price of option awards (C\$/Sh)	Grant date fair value of stock and option awards (US\$)
		Threshold (\$)	Target (\$)	Maximum (\$)	Threshold (\$)	Target (\$)	Maximum (\$)				
Jeffrey T. Klenda	8/20/18	Nil	Nil	Nil	Nil	Nil	Nil	Nil	111,036	0.93	72,119
	8/20/18	Nil	Nil	Nil	Nil	Nil	Nil	84,530	Nil	Nil	41,976
	12/14/18	Nil	Nil	Nil	Nil	Nil	Nil	Nil	103,831	0.91	
Roger L. Smith	12/14/18	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	
	8/20/18	Nil	Nil	Nil	Nil	Nil	Nil	Nil	79,206	0.93	51,445
	8/20/18	Nil	Nil	Nil	Nil	Nil	Nil	60,296	Nil	Nil	29,942
Penne A. Goplerud	12/14/18	Nil	Nil	Nil	Nil	Nil	Nil	Nil	74,067	0.91	
	12/14/18	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	
	8/20/18	Nil	Nil	Nil	Nil	Nil	Nil	Nil	71,211	0.93	46,251
Steven M. Hatten	8/20/18	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	26,919
	8/20/18	Nil	Nil	Nil	Nil	Nil	Nil	54,210	Nil	Nil	
	12/14/18	Nil	Nil	Nil	Nil	Nil	Nil	Nil	66,588	0.91	
John W. Cash	12/14/18	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	
	8/20/18	Nil	Nil	Nil	Nil	Nil	Nil	Nil	62,409	0.93	40,534
	8/20/18	Nil	Nil	Nil	Nil	Nil	Nil	47,510	Nil	Nil	23,593
John W. Cash	12/14/18	Nil	Nil	Nil	Nil	Nil	Nil	Nil	58,357	0.91	
	12/14/18	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	
	8/20/18	Nil	Nil	Nil	Nil	Nil	Nil	Nil	59,476	0.93	38,632
John W. Cash	8/20/18	Nil	Nil	Nil	Nil	Nil	Nil	45,276	Nil	Nil	22,485
	12/14/18	Nil	Nil	Nil	Nil	Nil	Nil	Nil	55,620	0.91	
	12/14/18	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	

- (1) These amounts represent grants made pursuant to the RSU Plan. RSUs awarded to participants will be redeemed 100% on the second anniversary of the date of grant.
- (2) These amounts represent grants made pursuant to the Option Plan. Options granted to eligible participants vest and become exercisable over a three-year period: one-third on the first anniversary, one-third on the second anniversary and one-third on the third anniversary of the grant the date of grant. The term of the option is five years.

**Outstanding Equity Awards at December 31, 2018**

The following table sets forth information concerning the value vested or earned in respect of incentive plan awards during the year ended December 31, 2018 by each of the Named Executive Officers.

Name	Option-based Awards					Share-based Awards			
	Number of securities underlying unexercised options (#) exercisable	Number of securities underlying unexercised options (#) unexercisable	Equity incentive plan awards: number of securities underlying unexercised options (#)	Option exercise price (CS)	Option expiration date	Number of shares or units of stock that have vested (#)	Market value of shares or units of stock that have not vested (US\$)	Equity incentive plan awards: number of unearned shares, units or other rights that have not vested (#)	Equity incentive plan awards: Market or payout value of unearned shares, units or other rights that have not vested (\$)
Jeffrey T. Klenda	80,354	Nil	Nil	1.02	12/12/19	Nil	Nil	Nil	Nil
	70,762	Nil	Nil	0.86	8/17/20	Nil	Nil	Nil	Nil
	199,340	Nil	Nil	0.80	12/11/20	Nil	Nil	Nil	Nil
	338,118	Nil	Nil	0.73	12/16/21	Nil	Nil	Nil	Nil
	79,009	160,413	Nil	0.80	12/15/22	Nil	Nil	Nil	Nil
	Nil	111,036	Nil	0.93	8/20/23	Nil	Nil	Nil	Nil
	Nil	103,831	Nil	0.91	12/14/23	Nil	Nil	Nil	Nil
	Nil	Nil	Nil	Nil	Nil	59,856	41,132	Nil	Nil
	Nil	Nil	Nil	Nil	Nil	27,759	19,075	Nil	Nil
	Nil	Nil	Nil	Nil	Nil	25,958	17,838	Nil	Nil
Roger L. Smith	70,746	Nil	Nil	1.02	12/12/19	Nil	Nil	Nil	Nil
	62,302	Nil	Nil	0.86	8/17/20	Nil	Nil	Nil	Nil
	87,462	Nil	Nil	0.80	12/11/20	Nil	Nil	Nil	Nil
	241,184	Nil	Nil	0.73	12/16/21	Nil	Nil	Nil	Nil
	56,360	114,428	Nil	0.80	12/15/22	Nil	Nil	Nil	Nil
	Nil	79,206	Nil	0.93	8/20/23	Nil	Nil	Nil	Nil
	Nil	74,067	Nil	0.91	12/14/23	Nil	Nil	Nil	Nil
	Nil	Nil	Nil	Nil	Nil	42,696	29,340	Nil	Nil
	Nil	Nil	Nil	Nil	Nil	19,802	13,608	Nil	Nil
	Nil	Nil	Nil	Nil	Nil	18,517	12,725	Nil	Nil
Penne A. Goplerud	63,606	Nil	Nil	1.02	12/12/19	Nil	Nil	Nil	Nil
	56,012	Nil	Nil	0.86	8/17/20	Nil	Nil	Nil	Nil
	78,632	Nil	Nil	0.80	12/11/20	Nil	Nil	Nil	Nil
	216,836	Nil	Nil	0.73	12/16/21	Nil	Nil	Nil	Nil
	50,670	102,876	Nil	0.80	12/15/22	Nil	Nil	Nil	Nil
	Nil	71,211	Nil	0.93	8/20/23	Nil	Nil	Nil	Nil
	Nil	66,588	Nil	0.91	12/14/23	Nil	Nil	Nil	Nil
	Nil	Nil	Nil	Nil	Nil	38,386	26,378	Nil	Nil
	Nil	Nil	Nil	Nil	Nil	17,803	12,234	Nil	Nil
	Nil	Nil	Nil	Nil	Nil	16,647	11,439	Nil	Nil
Steven M. Hatten	50,704	Nil	Nil	1.02	12/12/19	Nil	Nil	Nil	Nil
	49,090	Nil	Nil	0.86	8/17/20	Nil	Nil	Nil	Nil
	68,916	Nil	Nil	0.80	12/11/20	Nil	Nil	Nil	Nil
	190,040	Nil	Nil	0.73	12/16/21	Nil	Nil	Nil	Nil
	44,407	90,159	Nil	0.80	12/15/22	Nil	Nil	Nil	Nil
	Nil	62,409	Nil	0.93	8/20/23	Nil	Nil	Nil	Nil
	Nil	58,357	Nil	0.91	12/14/23	Nil	Nil	Nil	Nil
	Nil	Nil	Nil	Nil	Nil	33,642	23,118	Nil	Nil
	Nil	Nil	Nil	Nil	Nil	15,603	10,722	Nil	Nil
	Nil	Nil	Nil	Nil	Nil	15,490	10,644	Nil	Nil
John W. Cash	48,084	Nil	Nil	1.02	12/12/19	Nil	Nil	Nil	Nil
	46,782	Nil	Nil	0.86	8/17/20	Nil	Nil	Nil	Nil
	65,676	Nil	Nil	0.80	12/11/20	Nil	Nil	Nil	Nil
	181,106	Nil	Nil	0.73	12/16/21	Nil	Nil	Nil	Nil
	42,321	85,925	Nil	0.80	12/15/22	Nil	Nil	Nil	Nil
	Nil	59,476	Nil	0.93	8/20/23	Nil	Nil	Nil	Nil
	Nil	55,620	Nil	0.91	12/14/23	Nil	Nil	Nil	Nil
	Nil	Nil	Nil	Nil	Nil	32,062	22,032	Nil	Nil
Nil	Nil	Nil	Nil	Nil	14,869	10,218	Nil	Nil	



**OPTION EXERCISES AND STOCK VESTED**

The following table sets forth the value realized on options exercise and stock awards vested for the Named Executive Officers for the year ended December 31, 2018.

Name	Option awards		Stock awards	
	Number of shares acquired on exercise	Value realized on exercise	Number of shares acquired on vesting	Value realized on vesting
	(\$)	(\$)	(#)	(\$)
Jeffrey T. Klenda	Nil	Nil	84,530	58,038
Roger L. Smith	Nil	Nil	60,296	41,399
Penne A. Goplerud	Nil	Nil	54,210	37,220
Steven M. Hatten	Nil	Nil	47,510	32,620
John W. Cash	Nil	Nil	45,276	31,086

The following table sets forth information concerning the value vested or earned in respect of incentive plan awards during the financial year ended December 31, 2018 by each of our Named Executive Officers.

**Incentive Plan Awards - Value Vested or Earned During the Financial Year Ended December 31, 2018**

Name	Option based awards		Share based awards		Non-equity incentive plan compensation
	Number of securities underlying options vested	Value vested during the year	Number of shares or units of shares vested	Value vested during the year	Value earned during the year
	(#)	(\$)	(#)	(\$)	(\$)
Jeffrey T. Klenda	234,543	18,868	84,530	58,038	149,399
Roger L. Smith	167,305	13,459	60,296	41,399	90,722
Penne A. Goplerud	150,415	12,101	54,210	37,220	83,529
Steven M. Hatten	131,825	10,605	47,510	32,620	70,836
John W. Cash	125,630	10,106	45,276	31,086	70,381

**POTENTIAL PAYMENTS UPON TERMINATION OR CHANGE OF CONTROL**

*Employment Agreements with our Named Executive Officers*

As set forth above, our Named Executive Officers have employment agreements with the Company, as have been amended from time to time. Relevant to potential payments to be made upon termination without cause or change of control, the agreements provide that the executive officer is entitled to certain amounts, based upon the then-current salary of the executive. These employment agreements, as well as the equity compensation plans of the Company (Option Plan and RSU Plan), specify the obligations of the Company to the executive officers in the event of termination or change of control. These are set forth below.

*Equity Award Provisions*

Upon separation of employment of our executive officers, including under circumstances of termination without cause or change of control, the Option Plan and RSU Plan govern the treatment of outstanding equity compensation in the form of vested stock options and RSUs not yet redeemed. All vested options of Designated Officers (all of our current executive officers, as defined by the plan and resolution of our Board) will expire on the expiration date identified at the time of the grant of the option, and all unvested options will expire upon termination.

The RSU Plan provides that the RSUs of an employee who is an eligible person who is involuntarily terminated without cause, shall be redeemed for cash at a fair market value on the redemption/termination date. In the event of a

change of control, as defined in the RSU Plan, all of the RSUs granted and outstanding will be redeemed as soon as reasonably practical and not later than 30 days following the redemption date associated with the change of control.

The RSU Plan provides for redemption, instead of cancellation, of outstanding RSUs at the date of redemption for retiring directors and executive officers, which is defined as a threshold of combined service and age of 65 years, and a minimum of five years of service to the Company.

*Change of Control and Termination Benefits Tables*

Each of our Named Executive Officers has entered into an employment agreement that provides for certain payments if the executive's employment is terminated in connection with a change of control. In addition, upon the occurrence of a change of control, all of the executive officer's unvested options and RSUs will vest. The table below shows the amounts that would be payable or vest assuming that a change of control occurred on December 31, 2018 and that such executive officer's employment terminated on that date. The Compensation Committee has established a policy that the Company will not enter into an employment agreement with any new executive officer that includes a single-trigger severance arrangement.

<b>Name</b>	<b>Cash (\$)<sup>(1)</sup></b>	<b>Equity (\$)<sup>(2)</sup></b>	<b>Pension /NQDC (\$)</b>	<b>Perquisites/ benefits (\$)</b>	<b>Tax reimbursement (\$)</b>	<b>Other (\$)</b>	<b>Total (\$)</b>
Jeffrey T. Klenda	657,592	128,459	Nil	Nil	Nil	Nil	786,051
Roger L. Smith	562,900	88,281	Nil	Nil	Nil	Nil	651,181
Penne A. Goplerud	379,548	79,369	Nil	Nil	Nil	Nil	458,917
Steven M. Hatten	332,631	69,561	Nil	Nil	Nil	Nil	402,192
John W. Cash	317,031	66,291	Nil	Nil	Nil	Nil	383,322

- (1) Pursuant to their respective employment agreements, Messrs. Klenda and Smith are entitled to payment of an amount equal to two-years' salary based upon their then-current salary; and Ms. Goplerud and Messrs. Hatten and Cash are entitled to payment of an amount equal to one and one-half years' salary, based upon their then-current salary.
- (2) These amounts represent equity values based upon the closing price of our Common Shares on the TSX on the last trading day of 2018 (C\$0.89) Klenda (stock options: \$54,364; RSUs: \$74,095); Smith (stock options: \$35,427; RSUs: \$52,854); Goplerud (stock options: \$31,851; RSUs: \$47,518); Hatten (stock options: \$27,915; RSUs: \$41,646); and Cash (stock options: \$26,602; RSUs: \$39,689).

Additionally, the following summarizes the compensation or other benefits which would be owed and paid to our executive officers if employment is terminated for the specified reasons. We believe that these terms are fair, and are competitive with the market and our peer group, based upon industry and geographical practices.

Type of Termination	Severance Payment <sup>(1)(2)</sup>	STIP Bonus	Stock Options	RSUs
<b>Resignation or Retirement</b>	CEO will receive two-year salary payment, based on current salary, per agreement •• Other executive officers, no severance payment	Pro rata entitlement to discretionary bonus, per agreement	Unvested options are cancelled; vested options expire at date on option for current executive officers (as a “Designated Officer” per Section 6.7 of Plan)	RSUs are cancelled unless retirement provision is satisfied; RSUs will be carried with the executive until redemption, if the executive has combined service and age of 65 years, and a minimum of five years of service to the Company
<b>Termination without cause</b>	CEO and CFO: two-year salary payment, based upon current salary •• Other executive officers (as at 2018) 1.5-year salary payment, based upon current salary	Pro rata entitlement to discretionary bonus, per agreement	Unvested options are cancelled; vested options expire at date on option for current executive officers (as a “Designated Officer” per Section 6.7 of Plan)	Outstanding RSUs are redeemed for cash at fair market value, as defined in the Plan
<b>Termination for cause</b>	None	Possible pro rata share entitlement	None	None
<b>Change of control (and/or termination within 24 months of a change of control)</b>	CEO and CFO: two-year salary payment, based upon current salary •• Other executive officers (as at 2018) 1.5-year salary payment, based upon current salary	Pro rata entitlement to discretionary bonus, per agreement	All options become fully vested and exercisable	Outstanding RSUs are redeemed for cash at fair market value, as defined in the Plan
<b>Death</b>	CEO will receive two-year salary payment, based on current salary, per agreement •• Other executive officers, no severance payment	Pro rata entitlement to discretionary bonus, per agreement	Unvested options are cancelled; vested options expire at the earlier of expiry at date on option or one year from the date of death (with discretion of Board as per Section 6.3(b) of Plan to extend)	RSUs are redeemed (Section 3.2 of Plan); date of death is redemption date

(1) At December 31, 2018, Mr. Klenda, our CEO, was entitled to a salary of \$328,796 per year (two years base salary is a total of \$657,592). Currently, Mr. Klenda is entitled to two years base salary of \$428,796, or a total of \$857,592. Current salaries of our CFO, Mr. Smith, and our other Named Executive Officers, and their severance entitlements, are as follows: Mr. Smith: annual salary \$281,450 (two years base salary \$562,900); Ms. Goplerud: annual salary \$253,032 (18 months base salary \$379,548); Mr. Hatten: annual salary \$221,754 (18 months base salary \$332,631); Mr. Cash: annual salary \$211,354 (18 months base salary \$317,031).

(2) Accrued paid time off is paid to the executive officer at the time of termination, according to Company policy and applicable law.

## COMPENSATION OF DIRECTORS

During 2018, and for several years prior, our non-executive directors were paid a cash retainer of \$24,000 annually (see discussion below), with the only change being the currency in which the retainer and other fees are paid (December 2017, a change was made to pay in U.S. dollars). Meeting fees were as follows during 2018: the fee for board meeting attendance was set at \$1,000; committee meeting attendance was compensated at \$500 per Audit Committee meeting and \$250 per meeting for other committees. In addition, working time spent for committee participation, not including attendance at regular meetings, has been compensated at the rate of \$250/half day and \$500/full day to be monitored by the Compensation Committee and reported to the Board of Directors. Directors serving as a chair of the standing committees of our Board do not receive additional compensation for that service.

In recent years, we have conducted an annual and periodic review the compensation of the non-executive directors internally, utilizing Equilar and other available comparable data for consideration by the Compensation Committee. Results consistently have indicated that the Company's non-executive director base cash and equity-based compensation remained generally within a range of the median of the comparator group, although consistently at the lower end of the range, particularly because the Company does not provide an additional retainer amount for committee chair positions, or other additional compensation for those and other leadership roles. Committee meeting fees also have been consistently below the market median of the comparator group.

In December 2018, we again undertook a review of the compensation of the non-executive directors utilizing Equilar data to compare director compensation with that of the Company's peer group (see 2018 peer group set forth above under the heading "*2018 Review of Compensation Program*"). Again, and even more significantly than in past years, overall per-board member compensation fell below the range of median director compensation. Subsequent to year end, the Compensation Committee recommended, and the Board of Directors approved a change in annual retainer to \$41,000, while at the same time eliminating Board meeting fees. These changes will only be made effective in 2019. While also remaining below median comparators, the committee fees remain unchanged. As well, no action was taken to provide for additional compensation for committee chairs or for the independent Lead Director.

In addition to other compensation received by our directors, a 2008 resolution provides that non-executive directors participating *onad hoc* or special committees of the Board of Directors, which may be constituted from time to time, are entitled to additional director fees, to be determined in accordance with additional duties and requirements requested of those individuals from time to time. There currently are no such *ad hoc* or special committees of the Board of Directors.

Name	Fees earned <sup>(1)</sup>	Non-equity			Pension value	All other compensation	Total
		Share-based awards	Option-based awards	incentive plan compensation			
W. William Boberg <sup>(2)</sup>	33,000	18,867	32,175	Nil	Nil	Nil	84,042
Rob Chang <sup>(3)</sup>	29,750	18,867	82,573	Nil	Nil	Nil	131,190
James M. Franklin <sup>(4)</sup>	35,500	18,867	32,175	Nil	Nil	Nil	86,542
Gary C. Huber <sup>(5)</sup>	36,000	18,867	32,175	Nil	Nil	Nil	87,042
Thomas H. Parker <sup>(6)</sup>	36,500	18,867	32,175	Nil	Nil	Nil	87,542
Kathy E. Walker <sup>(7)</sup>	32,500	18,867	32,175	Nil	Nil	Nil	83,542

- (1) Mr. Macdonell, who retired effective March 30, 2018 earned fees during the year of \$9,250, which included his attendance at Board and committee meetings as disclosed elsewhere in this Circular.
- (2) Mr. Boberg received options for 55,653 Common Shares on August 20, 2018 at an exercise price of C\$0.93. These options expire on August 20, 2023. Mr. Boberg received options for 50,527 Common Shares on December 14, 2018 at an exercise price of C\$0.91. These options expire on December 14, 2023. Mr. Boberg received a grant of 13,914 RSUs on August 20, 2018. Mr. Boberg received a grant of 12,632 RSUs on December 14, 2018.
- (3) Upon his appointment to the Board, Mr. Chang received options for 200,000 Common Shares on March 30, 2018 at an exercise price of C\$0.73. These options expire on March 30, 2023. Mr. Chang received options for 55,653 Common Shares on August 20, 2018 at an exercise price of C\$0.93. These options expire on August 20, 2023. Mr. Chang received options for 50,527 Common Shares on December 14, 2018 at an exercise price of C\$0.91. These options expire on

December 14, 2023. Mr. Chang received a grant of 13,914 RSUs on August 20, 2018. Mr. Chang received a grant of 12,632 RSUs on December 14, 2018.

- (4) Dr. Franklin received options for 55,653 Common Shares on August 20, 2018 at an exercise price of C\$0.93. These options expire on August 20, 2023. Dr. Franklin received options for 50,527 Common Shares on December 14, 2018 at an exercise price of C\$0.91. These options expire on December 14, 2023. Dr. Franklin received a grant of 13,914 RSUs on August 20, 2018. Dr. Franklin received a grant of 12,632 RSUs on December 14, 2018.
- (5) Dr. Huber received options for 55,653 Common Shares on August 20, 2018 at an exercise price of C\$0.93. These options expire on August 20, 2023. Dr. Huber received options for 50,527 Common Shares on December 14, 2018 at an exercise price of C\$0.91. These options expire on December 14, 2023. Dr. Huber received a grant of 13,914 RSUs on August 20, 2018. Dr. Huber received a grant of 12,632 RSUs on December 14, 2018.
- (6) Mr. Parker received options for 55,653 Common Shares on August 20, 2018 at an exercise price of C\$0.93. These options expire on August 20, 2023. Mr. Parker received options for 50,527 Common Shares on December 14, 2018 at an exercise price of C\$0.91. These options expire on December 14, 2023. Mr. Parker received a grant of 13,914 RSUs on August 20, 2018. Mr. Parker received a grant of 12,632 RSUs on December 14, 2018.
- (7) Ms. Walker received options for 55,653 Common Shares on August 20, 2018 at an exercise price of C\$0.93. These options expire on August 20, 2023. Ms. Walker received options for 50,527 Common Shares on December 14, 2018 at an exercise price of C\$0.91. These options expire on December 14, 2023. Ms. Walker received a grant of 13,914 RSUs on August 20, 2018. Ms. Walker received a grant of 12,632 RSUs on December 14, 2018.

#### *Share Ownership Guidelines for Directors*

Our non-executive directors also are encouraged to have a significant long-term financial interest in the Company. In 2009, the Compensation Committee recommended, and Board of Directors adopted, a resolution requiring mandatory minimum share ownership by the non-executive directors to encourage the alignment of their interests with those of our shareholders. Thereafter, non-executive directors were required to invest an amount equal to the non-executive director's annual retainer in shares or securities redeemable into shares on or before the later of (i) December 31, 2013, (ii) the fifth anniversary of the non-executive director's election or appointment, or (iii) the fifth anniversary of the most recent annual retainer increase. The retainer amount was to be calculated using the amount of the annual retainer at the later of (i) January 1, 2009, (ii) the date of the non-executive director's election or appointment, or (iii) the date of the most recent annual retainer increase.

As discussed above under the heading "*Share Ownership Guidelines*," in February 2012 the Compensation Committee recommended, and the Board of Directors approved, Share Ownership Guidelines which provide greater detail concerning these ownership requirements. Additionally, the Board approved a recommendation that the share ownership requirement be adjusted with respect to the non-executive directors, to require each to acquire and own three times their annual retainer. All non-executive directors meet the Share Ownership Guidelines or are on-track to meet the Share Ownership Guidelines within the prescribed timeframes.

Name	Option-based Awards			Share-based Awards		
	Number of securities underlying unexercised options (#)	Option exercise price (C\$)	Option expiration date	Value of unexercised in-the-money options (\$)	Number of shares or units of shares that have not vested (#)	Market or payout value of share-based awards that have not vested (\$)
W. William Boberg	42,000	0.80	12-Dec-2019	2,771	Nil	Nil
	29,690	0.73	17-Aug-2020	3,482	Nil	Nil
	56,470	0.90	11-Dec-2020	Nil	Nil	Nil
	128,000	0.73	16-Dec-2021	15,012	Nil	Nil
	120,000	0.90	15-Dec-2022	Nil	Nil	Nil
	55,653	0.93	20-Aug-2023	Nil	Nil	Nil
	50,527	0.91	14-Dec-2023	Nil	Nil	Nil
	Nil	Nil	Nil	Nil	30,000	19,572
	Nil	Nil	Nil	Nil	13,914	9,077
	Nil	Nil	Nil	Nil	12,632	8,241
Rob Chang	200,000	0.77	30-Mar-2023	2,290	Nil	Nil
	55,653	0.93	20-Aug-2023	Nil	Nil	Nil
	50,527	0.91	14-Dec-2023	Nil	Nil	Nil
	Nil	Nil	Nil	Nil	13,914	9,077
	Nil	Nil	Nil	Nil	12,632	8,241
James M. Franklin	42,000	0.80	12-Dec-2019	2,771	Nil	Nil
	29,690	0.73	17-Aug-2020	3,482	Nil	Nil
	56,470	0.90	11-Dec-2020	Nil	Nil	Nil
	128,000	0.73	16-Dec-2021	15,012	Nil	Nil
	120,000	0.90	15-Dec-2022	Nil	Nil	Nil
	55,653	0.93	20-Aug-2023	Nil	Nil	Nil
	50,527	0.91	14-Dec-2023	Nil	Nil	Nil
	Nil	Nil	Nil	Nil	30,000	19,572
	Nil	Nil	Nil	Nil	13,914	9,077
	Nil	Nil	Nil	Nil	12,632	8,241
Gary C. Huber	200,000	1.14	29-May-2020	Nil	Nil	Nil
	29,690	0.86	17-Aug-2020	653	Nil	Nil
	56,470	0.80	11-Dec-2020	3,725	Nil	Nil
	128,000	0.73	16-Dec-2021	15,012	Nil	Nil
	120,000	0.90	15-Dec-2022	Nil	Nil	Nil
	55,653	0.99	20-Aug-2023	Nil	Nil	Nil
	50,527	0.91	14-Dec-2023	Nil	Nil	Nil
	Nil	Nil	Nil	Nil	30,000	19,572
	Nil	Nil	Nil	Nil	13,914	9,077
	Nil	Nil	Nil	Nil	12,632	8,241
Thomas H. Parker	42,000	0.80	12-Dec-2019	2,771	Nil	Nil
	29,690	0.73	17-Aug-2020	3,482	Nil	Nil
	56,470	0.90	11-Dec-2020	Nil	Nil	Nil
	128,000	0.73	16-Dec-2021	15,012	Nil	Nil
	120,000	0.90	15-Dec-2022	Nil	Nil	Nil
	55,653	0.93	20-Aug-2023	Nil	Nil	Nil
	50,527	0.91	14-Dec-2023	Nil	Nil	Nil
	Nil	Nil	Nil	Nil	30,000	19,572
	Nil	Nil	Nil	Nil	13,914	9,077
	Nil	Nil	Nil	Nil	12,632	8,241
Kathy E. Walker	200,000	0.73	07-Sep-2022	23,457	Nil	Nil
	120,000	0.90	15-Dec-2022	Nil	Nil	Nil
	55,653	0.93	20-Aug-2023	Nil	Nil	Nil
	50,527	0.91	14-Dec-2023	Nil	Nil	Nil
	Nil	Nil	Nil	Nil	30,000	19,572
	Nil	Nil	Nil	Nil	13,914	9,077
	Nil	Nil	Nil	Nil	12,632	8,241

Paul Macdonell	42,000	1.02	12-Dec-2019	Nil	Nil	Nil
	29,690	0.86	17-Aug-2020	653	Nil	Nil
	56,470	0.80	11-Dec-2020	3,725	Nil	Nil
	120,000	0.90	15-Dec-2022	Nil	Nil	Nil
	Nil	Nil	Nil	Nil	30,000	21,991

The non-executive directors are eligible to receive grants of options and RSUs at the discretion of the Board, and did so in 2018 as indicated in the following table:

**Incentive Plan Awards - Value Vested or Earned During the  
Financial Year Ended December 31, 2018**

Name	<u>Option-based Awards</u>		<u>Share-based Awards</u>		<u>Non-equity incentive plan compensation</u>
	Number of Securities Underlying Options Vested (#)	Value vested during the year (\$)	Number of Shares or Units Vested (#)	Value vested during the year (\$)	Value earned during the year (\$)
W. William Boberg	98,480	7,293	32,000	21,971	Nil
Rob Chang	Nil	Nil	Nil	Nil	Nil
James M. Franklin	98,480	7,293	32,000	21,971	Nil
Gary C. Huber	98,480	7,293	32,000	21,971	Nil
Thomas H. Parker	98,480	7,293	32,000	21,971	Nil
Kathy E. Walker	106,600	16,919	Nil	Nil	Nil
Paul Macdonell	178,880	3,123	62,000	37,200	Nil

## COMPENSATION COMMITTEE REPORT ON EXECUTIVE COMPENSATION

*The Report of the Compensation Committee does not constitute soliciting material and should not be deemed filed or incorporated by reference into any other Company filing under the Securities Act of 1933 or the Securities Exchange Act of 1934, except to the extent the Company specifically incorporates this Report.*

### Report of the Compensation Committee

To the Board of Directors of Ur-Energy Inc.:

The Compensation Committee hereby reports to the Board of Directors that, in connection with the Company's Annual Report on Form 10-K for the year ended December 31, 2018, we have:

- reviewed and discussed with management the Compensation Discussion and Analysis required by Item 402(b) of SEC Regulation S-K; and
- based on such review and discussion, we recommended to the Board of Directors that the Compensation Discussion and Analysis be included in the Annual Report on Form 10-K for the year ended December 31, 2018.

Respectfully submitted,

*The Compensation Committee of Ur-Energy Inc.*

Gary C. Huber, Chair

James M. Franklin

Rob Chang

## PAY RATIO OF CHIEF EXECUTIVE OFFICER COMPENSATION TO MEDIAN EMPLOYEE COMPENSATION

The pay ratio of our CEO, Mr. Klenda, to our median employee's compensation for 2018 was 6:1. In 2018, for the first time, we disclosed the pay ratio of our CEO, Mr. Klenda, to our median employee's compensation from 2017. Mr. Klenda's annual total compensation compared with that of the estimated median compensated Ur-Energy employee was 7:1 in that initial disclosure. For that process, we identified our median compensated employee, using a consistently applied compensation measure ("CACM"); in our case this was defined as base salary (including overtime) and other cash incentives, including the short-term bonus, which provides a reasonable estimate of compensation received. We did not include the value of our health and welfare benefits, as those are benefits programs for which all our employees, including the CEO, are eligible. We undertook to annualize the data of new 2017 hires, including certain reasonable assumptions as to short-term incentive bonus calculations. We did not make adjustments for part-time status. We have no employees outside the U.S. and, therefore, there are no currency exchange rate issues contemplated in our calculations. Our calculations included all employees of Ur-Energy USA Inc. and Lost Creek ISR, LLC, our two subsidiaries with employees, which at the point of measurement, October 7, 2017, numbered 51 collectively (excluding Mr. Klenda). We do not typically employ temporary or seasonal employees and did not at that date.

Although we implemented a reduction in force in 2018 which affected nine employees, the calculation of the pay ratio, based upon the median employee's total compensation is still representative of our earlier pay structure and median wage/salary. As set forth elsewhere in this Circular, our compensation plan remained largely unchanged in 2018. Using that position for the determination of the 2018 pay ratio, we determined that, in 2018, annual total compensation of the estimated median compensated employee was \$89,999. Mr. Klenda's annual total compensation for 2018 was \$574,114. The pay ratio for 2018, therefore, was 6:1. This pay ratio is a reasonable estimate calculated in accordance with SEC rules based on our payroll and employment records and the methodology described here.

Our practices seek to ensure a compensation program which is fair, equitable, compliant and which aligns with our overall business objectives. The SEC rules for identifying the median compensated employee and calculating the pay ratio based on that employee's annual total compensation allow companies to adopt a variety of methodologies,



exclusions, and assumptions that reflect their compensation practices. As such, the figures and ultimately the pay ratio reported above may not be comparable to the calculations and pay ratio reported by other companies, even those in a related industry or of a similar size and scope. Other companies may have different employment practices, regional demographics or may utilize different methodologies and assumptions in calculating their pay ratios.

#### REPORT OF THE AUDIT COMMITTEE

To the Board of Directors of Ur-Energy Inc.:

Management is responsible for our internal controls and the financial reporting process. The independent accountants are responsible for performing an independent audit of our financial statements in accordance with U.S. generally accepted accounting principles (“US GAAP”) and the standards of the Public Company Accounting Oversight Board (“PCAOB”) and to issue an opinion on our financial statements. Our responsibility is to monitor and oversee those processes. We hereby report to the Board of Directors that, in connection with the financial statements for the year ended December 31, 2018, we have:

- reviewed and discussed the audited consolidated financial statements with management and the independent accountants;
- discussed with the independent accountants the matters required to be discussed by SAS 61 (Codification of Statements on Auditing Standards, AU section 380), as modified by SAS 89 and SAS 90; and
- received the written disclosures and the letter from the independent accountants required by PCAOB Rule 3526, as may be modified or supplemented, and discussed with the independent accountants the accountants’ independence.

Based on the discussions and our review described above, we recommended to the Board of Directors that the audited financial statements for the year ended December 31, 2018 be included in the Company’s Annual Report on Form 10-K for the year ended December 31, 2018.

Respectfully submitted,  
*The Audit Committee of Ur-Energy Inc.*  
Thomas Parker, Chair  
Gary C. Huber  
Kathy E. Walker  
Rob Chang

## STATEMENT OF CORPORATE GOVERNANCE PRACTICES

### Introduction

The Board of Directors believes that effective corporate governance contributes to improved corporate performance and enhanced shareholder value. The Board has reviewed the corporate governance best practices identified in National Policy 58-201 *Corporate Governance Guidelines* and National Instrument 58-101 *Disclosure of Corporate Governance Practices* (collectively, the “CSA Guidelines”). The Board of Directors is committed to ensuring that the Company follows best practices and continues to develop and enhance such practices.

### Board Mandate

The responsibility of the Board of Directors is to supervise the management of the business and affairs of the Company in accordance with the best interests of the Company and its shareholders. Our Board establishes overall policies and standards for the Company, and is engaged in company-wide risk management oversight. When premised upon a reasonable basis, the directors are entitled to rely upon management and the advice of the Company’s outside advisors and auditors. The Board also delegates certain responsibilities to its standing committees, based upon the approved charters of each, which are reviewed on a regular basis.

The Board of Directors does not currently have a written mandate or a written description for the Chairman of the Board or the Chief Executive Officer. In discharging its responsibility, the Board routinely reviews the performance and responsibilities of the Chief Executive Office. Further, the Board oversees and reviews the development and implementation of the following significant corporate plans and initiatives:

- the identification of the principal risks to the Company’s business and the implementation of systems to manage these risks, whether financial, operational, environmental, safety-related, cyber-security or otherwise;
- the Company’s strategic planning and budgeting process;
- succession planning and determination of relative strengths of existing management including the needs to ensure sufficient depth of management, including appointing, developing and monitoring senior management of the Company;
- shareholder communications, as well as public communications policies and continuous disclosure record of the Company;
- analysis and approval of significant acquisitions and dispositions of mineral properties or other Company assets; and
- monitoring the integrity of the Company’s internal controls and management information systems.

When needed, the Board of Directors recruits possible directors from contacts within the mining industry or other strategic areas that will complement the knowledge and depth of the Board. Currently, the Board of Directors has determined that seven directors is an appropriate number of directors to oversee and provide guidance to management on the business and affairs of the Company, which is accomplished with the existing members of the Board. However, the Board continues to evaluate its size in conjunction with the further development of our operations and possible growth or other strategic decisions of the Company.

New directors who join the Board of Directors are provided with the opportunity to meet with the other directors prior to joining the Board of Directors. Upon joining the Board, a basic orientation of the Company, the Board of Directors, and the committees of the Board is provided to a new director, as was completed with Mr. Chang in 2018. All material relationships and agreements, technical reports, and recent continuous disclosure filings are provided and reviewed. In addition, new Directors have the opportunity to attend Committee meetings by invitation and to meet with management of the Company to have a better understanding of the business of the Company and its operations.

Directors are encouraged to participate in corporate governance, executive and director compensation and other education courses that will assist them in their role as directors of the Company or on various committees. To further its Board education and governance programs, the Board is a member of the National Association of Corporate Directors (“NACD”). NACD is a recognized authority focused on advancing exemplary board leadership and establishing leading boardroom practices. NACD provides director education programs, national peer exchange forums, and proprietary research to promote director professionalism, all to benefit its member companies and to enhance the stakeholder confidence. Additionally, our Corporate Secretary maintains her membership in the NYSE Governance Services Board Leadership Program, making use of its resources for the benefit of the Board.

Throughout the year, directors were provided with regulatory and legal updates on several topics germane to the responsibilities of the Board and standing committees, including cyber and data security, key accounting considerations, risk assessment, corporate governance and disclosure of corporate governance practices, executive and directors compensation, and Canadian and U.S. securities law and other legal developments. As well, updates were provided to the Board with respect to issues affecting our operations and the further development of our business (e.g., Wyoming’s status as an “agreement state” under the Atomic Energy Act; EPA rulemakings and withdrawals of same; petitions related to endangered species designation; and the rulemaking to replace U.S. Industry Guide 7, finalized in 2018) and the development of the Section 232 trade action. Additionally, our Board members are knowledgeable about the nuclear industry as well as uranium mining and are provided with routine market and industry updates. These updates and routine access to our management permit all directors to remain aware of important developments and issues in the context of our business.

#### **Board Composition – Including Tenure and Outlook on Set Retirement Age**

The Board of Directors is composed of seven directors. Upon the recommendation of the Corporate Governance and Nominating Committee, the Board of Directors has nominated all current directors: Jeffrey T. Klenda, James M. Franklin, W. William Boberg, Thomas H. Parker, Gary C. Huber, Kathy E. Walker and Rob Chang. All directors are elected annually. The Corporate Governance and Nominating Committee regularly reviews the profile of the Board members, including the average age and tenure. The Committee has not established a retirement age for the members of the Board, nor a limitation of term of service. These restrictions are considered from time to time by the Committee, including most recently in December 2018.

The Committee prefers that directors, without regard to their age, are rigorously evaluated on their attendance and contributions to the business of the Board and Company. This scrutiny arises in annual reviews and assessments of the Board constitution as well as the composition of each standing committee of the Board. Our industry and, specifically, our operations are highly technical, and the Board considers it critical to retain the knowledge base on our Board while we continue to advance operations at Lost Creek and plan for the further development and permitting of Shirley Basin. With the refreshment of our board membership with the addition of Ms. Walker and, following Mr. Macdonell’s retirement, Mr. Chang, we have reconstituted our Board committees to best utilize the expertise of our directors (e.g., additional finance and energy sector experience to assist us with strategic planning).

All of our directors have C-suite experience or, in the case of Dr. Franklin’s service to the Canadian government, the equivalent thereof. Four of our seven directors, Drs. Franklin and Huber, and Messrs. Parker and Boberg have professional and technical expertise in geology, engineering and mining operations. For more than a decade, Dr. Franklin has been integral to our Board, as its lead technical expert, including chairing the HSE & Technical Committee since its inception in 2008. Mr. Boberg, as a director since 2006 and for four and a half years as President and CEO of the Company, has contributed his technical expertise specifically with respect to roll-front uranium deposits like Lost Creek, beginning with the acquisition of Lost Creek in 2005 through to its steady state operations today. Mr. Parker has decades of experience in executive management positions at operating mining companies, and has lent that expertise to his role as a member of the HSE & Technical Committee, and more recently as our Lead Director. Dr. Huber contributes his dual expertise in financial matters and geology gained in management roles of both private and public natural resource companies at various stages of development. Meanwhile, Mr. Klenda has more than a decade invested as a Board member, as the Company explored, permitted, developed, constructed and now is operating the Lost Creek facility. Mr. Klenda has been responsible for the equity and debt financing of the Company from inception to date, as well as leading the Company’s management as our CEO (and, previously, as our Executive Director). Collectively, the vast knowledge specific to the Lost Creek project, as well as the uranium

industry and market, has been gained through the years of dedication and service to the Board and the Company. This continuity has been important to our development from a uranium explorer into a uranium producer. We believe that implementing a restriction on tenure or a strictly-enforced retirement age would unnecessarily deprive the Company of these contributions and knowledge.

Ms. Walker joined our Board in 2017, bringing with her decades of experience in the energy-marketing field, including a background as a business owner and a board member to banking institutions and in various industry associations. Mr. Chang joined our Board in 2018, upon the retirement of Mr. Macdonell. Mr. Chang brings more than two decades of broad-ranging experience in the financial services industry, as well as a vast current knowledge of the uranium mining industry, having covered the industry for many years as a financial analyst. These additions to our Board have served us well through refreshment and further diversification of the skill sets of our Board.

At March 26, 2019, the average age of our current directors is approximately 66; the average tenure of our current directors is approximately 8.7 years.

As described in Proposal No. 1, above, the Corporate Governance and Nominating Committee and our Board of Directors have determined that our directors should possess minimum qualifications including high personal and professional ethics; a commitment to the long-term interests of our shareholders, demonstrated through service, risk management and share ownership; sufficient time to commit to fulfill duties as a director, including membership on standing committees as requested; active engagement and participation in the meetings of the Board, Board committees on which the member serves and on special projects as may be requested; financial literacy as would be required for service on our Audit Committee; and broad experience in business and/or experience in government, as well as education and technical expertise.

Our seven directors, at March 26, 2019, include Jeffrey T. Klenda, Chairman of the Board of Directors; James M. Franklin; W. William Boberg; Thomas Parker, our Lead Director; Gary C. Huber; Kathy E. Walker; and Rob Chang, about whom residency, age, principal occupation and years of service as a member of our Board follows here:

<b>Name (Age) and Residency</b>	<b>Position with Company and Principal Occupation Within the Past Five Years</b>	<b>Service as a Director</b>
Jeffrey T. Klenda (62) Colorado, USA	Chair and Chief Executive Officer (formerly, Chair and Executive Director)	August 2004 – present
James M. Franklin (76) Ontario, Canada	Director Consulting Geologist/Adjunct Professor of Geology Queen’s University, Laurentian University and University of Ottawa	March 2004 – present
W. William Boberg (79) Colorado, USA	Director <sup>(1)</sup> Presently Retired (2011)	January 2006 – present
Thomas Parker (76) Montana, USA	Lead Director Presently Retired (2012) Mining Company Executive	July 2007 – present
Gary C. Huber (67) Colorado, USA	Director Presently Retired (2012) Mining Company Executive	May 2015 – present
Kathy E. Walker (60) Kentucky, USA	Director Coal trader/Business owner Director, eKentucky Advanced Manufacturing Institute	September 2017 – present
Rob Chang (41) Ontario, CA	Director Chief Financial Officer Financial Research Analyst	March 2018 – present

(1) Mr. Boberg is the former President and CEO of Ur-Energy (2006-2011).

**Service on Additional Boards**

Mr. Klenda is a director of Organto Foods Inc. (since November 2013). Dr. Franklin is a director of Aura Silver Resources Inc. (since October 2003) and of Anconia Resources Corp. (since June 2012). Mr. Boberg is a director of Aura Silver Resources Inc. (since June 2008). Dr. Huber is a director of Gold Resource Corporation (since January 2013). Mr. Chang is a director of Fission Uranium Corp. (since 2018) and Shine Mineral Corp. (since November 2018).

**Board Independence**

Messrs. Parker, Boberg and Chang, Drs. Franklin and Huber, and Ms. Walker are independent directors as determined in accordance with Canadian and U.S. securities laws and the rules of the NYSE American. In determining whether a director is independent, the Board of Directors considers the specific circumstances of a director and the nature, as well as materiality, of any relationship between the director and Ur-Energy.

**Committee Membership**

During 2018, our directors provided expertise to our Board committees as follows:

Independent Board Members	Committees/Memberships (2018 or dates as shown)				
	Audit	Compensation	Corporate Governance / Nominating	Treasury and Investment <sup>(1)</sup>	Health, Safety and Environment (HSE) & Technical
Thomas Parker (Lead Director)	<i>Chair</i> 2018	1.1 – 7.26	1.1 – 7.26	<i>Chair</i> 2018	2018
James M. Franklin	1.1-7.26	2018	2018		<i>Chair</i> 2018
W. William Boberg			3.15-12.31		2018
Gary C. Huber	2018	<i>Chair</i> (3.15 – 12.31)	<i>Chair</i> (3.15-12.31)		2018
Kathy E. Walker	3.15-12.31			3.15 – 12.31	
Rob Chang	7.26 – 12.31	7.26 – 12.31	7.26 – 12.31		
Paul G. Macdonell	1.1 – 3.30	1.1 – 3.30 <sup>(2)</sup>	1.1 – 3.30 <sup>(2)</sup>	1.1 – 3.30	

- (1) Roger Smith, CFO of the Company, serves as a non-director member of the Treasury and Investment Committee.
- (2) Mr. Macdonell was the Chair of the Compensation Committee and the Corporate Governance and Nominating Committee from January 1 through March 15, 2018.

**Family Relationships**

None of our directors is related to any of our executive officers.

**Involvement in Certain Legal Proceedings**

*Corporate Cease Trade Orders or Bankruptcies*

None of the directors or officers of the Company is, or has been within the ten years before the date of this Circular, a director or officer of any other issuer that, while that person was acting in that capacity, was the subject of a cease trade or similar order or an order that denied the issuer access to any statutory exemptions under Canadian or U.S. securities legislation for a period of more than 30 consecutive days or was declared bankrupt, made a proposal under any legislation relating to bankruptcy or insolvency or was subject to or instituted any proceedings, arrangement or compromise with creditors or had a receiver, receiver-manager or trustee appointed to hold the assets of that company.

*Penalties or Sanctions*

None of the directors or officers of the Company has been subject to any penalties or sanctions imposed by a court relating to Canadian or U.S. securities legislation or by a Canadian or U.S. securities regulatory authority or has entered into a settlement agreement with a Canadian or U.S. securities regulatory authority or been subject to any other penalties or sanctions imposed by a court or regulatory body that would likely be considered important to a reasonable investor in making an investment decision.

*Personal Bankruptcies*

None of the directors, or officers, of the Company has, during the ten years prior to the date hereof, become bankrupt, made a proposal under any legislation relating to bankruptcy or insolvency or has been subject to or instituted any proceedings, arrangement or compromise with creditors, or had a receiver, receiver-manager or trustee appointed to hold the assets of the director or officer.

**Section 16(a) Beneficial Ownership Reporting Compliance**

Section 16(a) of the Securities Exchange Act of 1934 (the “Exchange Act”) requires any person who is a director or executive officer of the Company or who beneficially holds more than 10% of any class of our securities which have been registered with the SEC to file reports of initial ownership and changes in ownership with the SEC.

Based upon our review of the copies of the Section 16(a) reports furnished to us, all Section 16(a) filing reports applicable to our directors, executive officers and holders of more than 10% of any class of our registered securities were timely complied with during 2018.

**Leadership Structure and Board’s Role in Risk Oversight**

Mr. Klenda became our Chairman and Executive Director in 2006. He assumed the role of Acting Chief Executive Officer in May 2015, and was subsequently named President and Chief Executive Officer in December 2016. He remains the Chairman of our Board. Because of Mr. Klenda’s role from the inception of the Company, our Corporate Governance and Nominating Committee considered, from time to time, the functions customarily assigned to a director serving in the role of an independent lead director. In December 2014, at the conclusion of our first full year of operations at our Lost Creek Mine, the Corporate Governance and Nominating Committee determined that establishment of the role of lead director of our Board of Directors would enhance the communications within the Board, among its committees, and with management. The Committee recommended and the Board approved a policy statement for such an independent lead director’s position at any time that the chairman of the Board is not an independent director. In that event, under the adopted policy, the Corporate Governance and Nominating Committee may suggest an independent director to serve as lead independent director (“Lead Director”), who shall be approved by a majority of the independent directors. In December 2014, Mr. Parker was approved by a majority of the independent directors to serve as the Lead Director of our Board and continues to serve in that role to date.

Pursuant to the policy statement approved by the full Board, the responsibilities of the Lead Director include:

- When necessary, act as the principal liaison between the independent directors and the Chairman of the Board and Chief Executive Officer;
- Call and chair, at least annually, a meeting of the independent directors;
- Preside at meetings of the Board of Directors where the Chairman of the Board is not available or where the Chairman has stated a real or perceived conflict of interest concerning a matter before the Board; and
- During merger or acquisition discussions or activities, be advised by management at early-stage discussions, and chair any Board appointed special committee composed of independent directors to review and make recommendations regarding the proposed transaction, subject to any conflict of interest which would require the appointment of a different lead independent director being approved by a majority of the independent directors for such specified purpose.

Further, the policy statement provides that the Lead Director shall serve until such time as he or she ceases to be a director, resigns as Lead Director, is replaced as Lead Director by a majority of the independent directors, or is replaced by an independent Chairman of Board elected by a majority of the independent directors of the Board. The performance of a Lead Director shall be reviewed annually as a part of the normal Board evaluation process. Mr. Parker's performance as Lead Director has been reviewed annually, most recently in December 2018.

The Board oversees the risks involved in our operations as part of its general oversight function, integrating risk management into the Company's compliance policies and procedures. While the Board has the ultimate oversight responsibility for the risk management process, the Audit Committee, the Compensation Committee and the Technical Committee have certain specific responsibilities relating to risk management. Among other things, the Audit Committee addresses risk assessment and risk management, and reviews major risk exposures (whether financial, operating, cyber-security or otherwise) and the guidelines and policies that management has put in place to govern the process of assessing, controlling, mitigating, managing and reporting such exposures. In addition, when recommending to the Board appropriate compensation for executive officers, the Compensation Committee considers the nature, extent and acceptability of risks that the executive officers may be encouraged to take by any incentive compensation. The Compensation Committee also oversees human resources and talent management risks, succession risk and planning. The HSE & Technical Committee continues with its role of overseeing our mineral resources and related operational risks, and now with ongoing operations at Lost Creek, oversees health, safety and environmental risks. The Board also satisfies its risk oversight responsibility through full reports by each committee chair regarding the committee's considerations and actions, as well as through regular reports directly from executive officers responsible for oversight of particular risks within the Company.

#### **Majority Voting Policy**

The Company has adopted a majority voting policy for the election of directors at uncontested meetings which can be viewed on our website at [www.ur-energy/corporate-governance/](http://www.ur-energy/corporate-governance/). The policy provides that, in an uncontested election, each director must be elected by a majority of the votes cast with respect to that director's election. Votes will not be deemed cast if no authority or discretion is given (for example, a broker non-vote). If a director does not receive a majority (50% + 1) of the votes cast as to his or her election, the candidate will forthwith submit to the Board a notice resignation and shall not participate in any meeting of the Board or any of its committees while the resignation is considered. The Corporate Governance and Nominating Committee will expeditiously consider the candidate's resignation and make recommendation to the Board whether to accept it. In considering the candidate's resignation, the Committee and the Board shall only refuse to accept such resignation if there are exceptional circumstances.

#### **Code of Ethics and Other Policies**

We have adopted a Code of Ethics ("Code") which applies to our principal executive officer, principal financial officer, principal accounting officer or controller and others performing similar functions. The Code has been filed on Form 8-K and is available on our website at [www.ur-energy/corporate-governance/](http://www.ur-energy/corporate-governance/). The Code is designed to reasonably deter wrongdoing and to promote honest and ethical conduct; full, fair, accurate, timely and understandable disclosure in reports; compliance with applicable governmental laws, rules and regulations; prompt internal reporting of the violations of the Code; and adherence to the Code. We intend to disclose any amendment or waiver (including any implicit waiver) of the Code on our website at [www.ur-energy.com/corporate-governance/](http://www.ur-energy.com/corporate-governance/) within four business days following such amendment or waiver. Since its adoption, there have been no waivers of the Code.

We also have adopted a Code of Business Conduct and Ethics which applies to all employees, officers and directors, and which also may be accessed on our website. Both the Code and the Code of Business Conduct and Ethics are reviewed routinely, most recently in December 2018. We maintain a separate Whistleblower Policy statement in conjunction with our Whistleblower Program, which was last reviewed in December 2018. The policy statement, as well as a link to our third-party program provider's confidential website, is also found on our website at <http://www.ur-energy.com/corporate-governance/>. The link and other program information is also available to our employees on an internal Company intranet site.

*Policies Concerning Confidentiality, Public Disclosure and Restrictions on Trading Securities*

We have also adopted various policies related to trading restrictions, disclosure requirements and confidentiality obligations which have been amended and restated from time to time, most recently amended effective December 16, 2016. The Corporate Governance and Nominating Committee oversees the implementation and compliance of these policies, which are set out in the “Ur-Energy Inc. Policies Concerning Confidentiality, Public Disclosure and Restrictions on Trading Securities,” and are available on our website at <http://www.ur-energy.com/corporate-governance/>. All directors, officers and employees of the Company are expected to be familiar with and adhere to the policies.

*Gender Diversity Policy and Reporting*

In 2014, the Board of Directors adopted a Gender Diversity policy by which the Company seeks to encourage the identification, recruitment, development and, ultimately, retention of talented women at all levels including on its Board. The Board believes that a board made up of highly-qualified directors, from diverse backgrounds, promotes better corporate governance and improves business outcomes.

The inclusion of women extends to our Board composition, and consideration of the level of representation by women on the Board will be an important consideration during searches for qualified new Board members as those needs may arise. The Company embraces the proposition that more women on boards is advantageous. We remain duty bound to recruit and invest in the best available talent based upon education, experience and personal skills and qualities. Although the Board is not at this time endorsing a quota or target, it does commit to seeking and having increasing representation of women on the Board, in executive management and throughout the Company. We were fortunate in 2017 to have Kathy Walker join our Board. Her presence now reflects approximately 14% female representation on our Board.

There has not been systemic consideration of the effectiveness or measures taken under the policy. However, as additional refreshment of the Board may occur and/or additional expansion is contemplated, the Governance Committee will continue to review additional qualified female candidates who have been placed before it, and will continue to review the qualifications of those, and all, candidates brought forward for consideration.

The Company has one female executive officer, Penne Goplerud, who has been our General Counsel and Corporate Secretary since 2011. Among our six-person management team, this approximates 17% representation by women. Prior to her appointment as a member of our executive officers, Ms. Goplerud served the Company as Associate General Counsel from 2007, and as outside counsel between 2005 and the time she joined us in 2007 as an employee. At this time, there is no consideration for expanding our executive group. We restructured certain of our respective responsibilities in 2015 when our executive group was reduced in number and have found that the current structure and size of our executive team works well, further enhances communication and facilitates other management matters. At this time, we have not established targets for additional representation of women in our executive group. If and as the executive group is expanded or current members may depart and be replaced, experience, merit and skill sets must be considered foremost when candidates are evaluated.

While certain aspects of, and areas of expertise within, our industry remain predominantly male, we remain committed to equality of opportunity and look forward to facilitating any appropriate increase in representation of women in our management structure based upon merit and overall qualifications. We currently have women filling managerial roles and/or critical support roles in our engineering staff, accounting and finance group, and land-legal department. Here, again, rather than instituting a target or quota, we look forward to the development of our internal talent at both staffing and management levels.

**Meetings of the Board and Committees**

The Board of Directors meets at least four times a year and more frequently if required. In 2018, the Board of Directors met six times. Additionally, the Board of Directors took six actions by written resolutions. The Board of Directors from time to time holds a portion of its meetings when management departs and the independent directors meet *in camera*. Management may be asked to depart a meeting for *in camera* sessions at such other meetings as the



independent directors deem appropriate from time to time. During 2018 the Board held three meetings during which non-director executives were excused for a portion of the meeting. Additionally, the independent directors met *in camera* without executive management on at least one occasion. A separate meeting of the independent directors was held in December 2018.

### **Board Committees**

There are five permanent committees of the Board of Directors: the Audit Committee, the Compensation Committee, the Corporate Governance and Nominating Committee, the Treasury & Investment Committee and the HSE & Technical Committee. The Board of Directors may also appoint other temporary or permanent committees from time to time for particular purposes, as it did in conjunction with the equity financing completed by the Company in September 2018.

The following sets out a summary of the responsibilities and activities of the Board Committees and the Report of the Audit Committee. The charters of each of the permanent standing committees may be found on our website <http://www.ur-energy/corporate-governance/>.

#### *Audit Committee*

The Audit Committee assists the Board of Directors in carrying out its responsibilities relating to corporate accounting and financial reporting practices, as well as oversight of internal controls, and the Whistleblower Program. The duties and responsibilities of the Audit Committee include the following:

- reviewing for recommendation to the Board of Directors for its approval the principal documents comprising our continuous disclosure record, including interim and annual financial statements and management's discussion and analysis;
- recommending to the Board of Directors a firm of independent auditors for appointment by the shareholders and reporting to the Board of Directors on the fees and expenses of such auditors. The Audit Committee has the authority and responsibility to select, evaluate and if necessary replace the independent auditor. The Audit Committee has the authority to approve all audit engagement fees and terms and the Audit Committee, or a member of the Audit Committee, must review and pre-approve any non-audit services provided to the Company by our independent auditor and consider the impact on the independence of the auditor;
- reviewing periodic reports from the Chief Financial Officer;
- discussing with management and the independent auditor, as appropriate, any audit problems or difficulties and management's response; and
- establishing procedures for the receipt, retention and treatment of complaints regarding accounting, internal accounting controls or auditing matters, including through the Whistleblower Program.

The Audit Committee maintains direct communication during the year with our independent auditor and with our executive officers and other personnel responsible for accounting and financial matters.

During 2018, the members of the Audit Committee were Thomas Parker (Chair), Paul Macdonell (1.1-3.30), James Franklin (1.1-7.26) and Gary Huber. Additionally, in 2018, Ms. Walker (3.18) and Mr. Chang (7.26) joined the Audit Committee. The members of the Audit Committee were in 2018, and are currently, independent directors pursuant to National Instrument 52-110 *Audit Committees* ("NI 52-110") and the listing standards of the NYSE American. Each of the members is financially literate as defined in NI 52-110 and financially sophisticated under the NYSE American rules. The Audit Committee confirmed its earlier designation of each of Thomas Parker and Gary Huber as an "audit committee financial expert" as that term is currently defined by the rules of the SEC, as well as also designating each of Ms. Walker and Mr. Chang as an "audit committee financial expert."

During 2018, the Audit Committee met five times, and took one action by written resolution. The activities of the Audit Committee over the past year included the following:

- review of our annual financial statements and management’s discussion and analysis prior to filing with the regulatory authorities;
- review of our quarterly interim financial statements and management’s discussion and analysis prior to filing with regulatory authorities;
- review of periodic reports from the Chief Financial Officer;
- review of applicable corporate disclosure reporting and control processes, including Chief Executive Officer and Chief Financial Officer certifications;
- review of reports from our external firm for testing of internal controls;
- review Audit Committee governance practices to ensure its terms of reference incorporate all regulatory requirements;
- oversee the Company’s Whistleblower Program, including training regarding the program;
- assess and manage risk, including those risks presented by cyber-security and related threats, including receiving presentations on management of these threats;
- received presentations on new regulatory matters and accounting pronouncements;
- review of the Audit Committee Charter; and
- review of the engagement letter with the independent auditors and annual audit fees prior to approval by the Board of Directors, as well as pre-approving non-audit services and their cost prior to commencement.

The Audit Committee has recommended to the Board of Directors that Ur-Energy shareholders be requested to re-appoint PricewaterhouseCoopers LLP, Chartered Professional Accountants, as the independent auditor for 2019.

The Audit Committee reviews its charter on a yearly basis and did so most recently on December 13, 2018. The Committee’s charter was last substantively amended on December 16, 2016. The qualifications of each of the members of the Audit Committee are set forth above as a part of Proposal No. 1.

#### *Compensation Committee*

The Compensation Committee assists the Board of Directors in carrying out its responsibilities relating to personnel matters, including performance, compensation and succession. The Compensation Committee has prepared terms of reference which include annual objectives against which to assess members of management including the Chief Executive Officer, reviewing and making recommendations to the Board of Directors with respect to employee and consultant compensation arrangements including stock options, restricted share units and management succession planning. The Compensation Committee reviews its charter on a yearly basis, and did so most recently on December 13, 2018. The Committee’s charter was last substantively amended on December 12, 2014.

The Compensation Committee met formally three times in 2018. Additionally, the Committee took three actions by written resolution during 2018. Portions of meetings are conducted without management present, including specifically for the purpose of discussing the compensation of the Chief Executive Officer. Additionally, the Compensation Committee considered various matters related to the Company’s existing compensation program, executive and director compensation, share ownership guidelines for directors and executive officers (including compliance), the equity compensation plans, and presentations on trends in governance and compensation including “say on pay.” The Compensation Committee annually reviews the results of the “say on pay” vote of our shareholders. The Compensation Committee is authorized to engage, at the Company’s expense, compensation consulting firms or other professional advisors as necessary to assist in discharging its responsibilities.

During 2018, the members of the Committee were Paul Macdonell (1.1-3.30), Thomas Parker (1.1-7.26), James Franklin and Rob Chang (7.26-12.31). Following Mr. Macdonell's announcement of his retirement in 2018, Dr. Huber joined the Committee as its Chair on March 15, 2018 and continues to serve in that capacity. The members of the Compensation Committee were in 2018, and are currently, independent under applicable law and the rules of the NYSE American. As well, at least two members of the Committee (all three, currently) qualify as "outside" directors within the meaning of U.S. Internal Revenue Code Section 162(m) and as "non-employee" directors within the meaning of Rule 16b-3 under the Exchange Act, as amended. The qualifications of each of the members of the Compensation Committee are set forth above as a part of Proposal No. 1.

#### *Corporate Governance and Nominating Committee*

The Corporate Governance and Nominating Committee assists the Board of Directors with determining the director nominees for election to the Board, recommending candidates to fill vacancies, other succession planning, the composition of the committees of the Board and monitoring compliance with corporate governance regulatory requirements. In performing its duties, the Committee will review and consider director nominees recommended by shareholders. The Committee also conducts Board member evaluations and evaluation of the Lead Director on an annual basis, while considering the overall composition and appropriate size of the Board.

The Corporate Governance and Nominating Committee reviews its charter on a yearly basis, and did so most recently on December 13, 2018. The Committee's charter was last substantively amended on December 15, 2017.

During 2018, the members of the Committee were Paul Macdonell (1.1-3.30), Thomas Parker (1.1-7.26), James Franklin, William Boberg (7.26-12.31) and Rob Chang (7.26 and 12.31). Following Mr. Macdonell's announcement of his retirement in 2018, Dr. Huber joined the Committee as its Chair on March 15, 2018 and continues to serve in that capacity. The Corporate Governance and Nominating Committee met three times during 2018 and took three actions by written resolution. The members of the Corporate Governance and Nominating Committee were in 2018, and are currently, independent under the rules of the NYSE American. The qualifications of each of the members of the Corporate Governance and Nominating Committee are set forth above as a part of Proposal No. 1.

During 2018, the Corporate Governance and Nominating Committee received a presentation about the Company's directors' and officers' liability program and insurance coverage; and reviewed other corporate policies including the Code of Ethics, Whistleblower Policy, and Ur-Energy Inc. Policies Concerning Confidentiality, Public Disclosure and Restrictions on Trading Securities. The Committee also considers the Company's risks and risk management.

#### *Treasury & Investment Committee*

The Treasury & Investment Committee assists the Board of Directors by centralizing for oversight all treasury activities of the Company, insofar as practical, and coordinating our banking, cash management, investment and funding arrangements. The Committee also formulates and implements the Treasury and Investment Policy, reviewing it from time to time. The Committee's charter, as last substantively amended February 5, 2014, provides that the Committee consist of the Chief Financial Officer and at least two independent members of the Board of Directors. The Committee reviews its charter on an annual basis, and did so most recently on December 13, 2018.

During 2018, the members of the Treasury & Investment Committee were Thomas Parker (Chair), Paul Macdonell (1.1-3.30), and Kathy Walker (3.15-12.31), along with our Chief Financial Officer, Roger Smith. The Treasury & Investment Committee met twice during 2018.

#### *HSE & Technical Committee*

The Health, Safety and Environment & Technical Committee (the "HSE & Technical Committee") assists the Board of Directors with reserve and resource matters relating to our mineral properties; technical matters relating to our exploration, development, permitting, construction, operations, reclamation and restoration activities; health, safety and environmental matters relating to our operations and activities; and compliance with legal requirements relating to reserve and resource matters, technical matters, and health, safety and environmental matters. The Committee's

charter is reviewed annually; it was amended in 2016 and 2017 to reflect additional responsibilities of the Committee. Most recently, the charter was reviewed, without substantive revision, on December 13, 2018.

The members of the HSE & Technical Committee are James Franklin (Chair)(Professional Geologist), William Boberg (Professional Geologist), Thomas Parker (Professional Engineer), and Gary Huber (Professional Geologist). The members of the Committee are not required to be independent. Currently, however, all members are independent. There are several members of executive management who routinely participate in the Committee meetings. Because of the significance of the physical and environmental safety and operational matters overseen by the Committee, a standing invitation has been extended by the Committee for all directors and executive officers to attend the Committee’s meetings. In 2018, we continued this practice. Ms. Walker was unable to attend the October meeting of the HSE & Technical Committee; with that exception, all non-Committee directors attended all Committee meetings.

The HSE & Technical Committee continues to conduct certain of its reviews by means of informal meetings. In 2018, the Committee again conducted an in-house technical session at the Lost Creek site which focused on operational updates of our Lost Creek Project, including operations in the first three header houses in Mine Unit 2 which began after the last such Committee meeting was held in July 2017. The 2018 technical session was conducted with executive staff and operational management and staff participating.

The Committee held five formal meetings during 2018. Pursuant to the Committee’s charter, it is the responsibility of Committee members to make periodic site visits to our operational locations. All Committee members traveled to Lost Creek during 2018 to observe operations and meet with personnel at the facility. Another of our independent directors, Ms. Walker, who does not serve on the HSE & Technical Committee, also traveled to the site in 2018 to observe operations, as did our Chairman, Mr. Klenda. Mr. Chang was unable to attend the onsite Committee meeting in 2018, although he visited the site prior to the time he became a director. The Committee also received routine presentations throughout the year on technical, operational, safety and environmental matters at Lost Creek.

**Summary of Memberships on Permanent Committees and Record of Attendance for 2018**

During the year ended December 31, 2018, the Board of Directors and its permanent committees met as follows:

Board of Directors	6 <sup>(1)</sup>
Audit Committee (“AC”)	5
Compensation Committee (“CC”)	3
Corporate Governance and Nominating Committee (“CGN”)	3
HSE & Technical Committee (“HSE&TC”)	5
Treasury & Investment Committee (“TIC”)	2
<b>Total number of meetings held</b>	<b>24</b>

(1) In addition to the six meetings held by the Board of Directors, six actions were taken by resolution in writing.

During 2018, our directors attended scheduled Board and assigned Committee meetings<sup>(1)</sup> as follows:

Director	Board Meetings Attended	Committee Meeting Memberships and Meetings Attended				
		AC	CC	CGN	TIC <sup>(2)</sup>	HSE&TC <sup>(3)</sup>
Jeffrey T. Klenda	6/6	-	-	-	-	-
James M. Franklin	6/6	4/4	3/3	3/3	-	5/5
W. William Boberg	6/6	-	-	2/2	-	5/5
Thomas Parker	6/6	5/5	1/1	-	2/2	5/5
Gary C. Huber	6/6	5/5	2/2	2/2	-	5/5
Kathy E. Walker	5/6	5/5	-	-	1/1	-
Rob Chang	4/4	2/2	1/1	1/1	-	-
Paul Macdonell <sup>(4)</sup>	1/2	1/1	1/1	1/1	1/1	-

(1) Note that the meeting attendance figures reflect attendance during membership as reflected in table and narrative above in discussion of committee composition and responsibilities.

- (2) Roger Smith, CFO of the Company, the third member of the Treasury and Investment Committee, also had 100% attendance.
- (3) At the invitation of the HS&E and Technical Committee, Mr. Klenda attended all five Committee meetings, and Ms. Walker attended four of the five Committee meetings. After his appointment to the Board in March, Mr. Chang attended the four remaining meetings of the Committee. Prior to his retirement in March, Mr. Macdonell attended the one meeting of the Committee (February).
- (4) Mr. Macdonell's retirement became effective March 30, 2018.

#### **Board Attendance at Shareholder Meeting**

It has been the Company's practice and expectation that its directors attend the annual shareholders' meetings. Last year, all seven of our directors attended the annual and special meeting of shareholders.

#### **Shareholder Feedback**

The Board of Directors believes that management should speak for the Company in its communications with shareholders and others in the investment community and that the Board of Directors should be satisfied that appropriate investor relations programs and procedures are in place. The Board of Directors has approved these policies including the designation of spokespersons in behalf of the Company from time to time. The Board of Directors regularly reviews the Company's major communications with shareholders and the public, including continuous disclosure documents and periodic press releases in accordance with the Company's policies.

#### **Shareholder Communication with the Board**

We believe that it is important to maintain good shareholder relations. The Board of Directors will give appropriate attention to all written communications that are submitted by shareholders. Any shareholder wishing to send communications to the Board, or a specific committee of the Board, should send such communication to the Corporate Secretary of the Company by email to [legaldept@ur-energy.com](mailto:legaldept@ur-energy.com) or by mail to Ur-Energy Inc. Board of Directors, c/o Corporate Secretary, 10758 West Centennial Road, Suite 200, Littleton, Colorado, USA 80127. All communications shall state the type and amount of the Company's securities held by the shareholder and shall clearly state that the communication is intended to be shared with the Board, or if applicable, with a specific committee of the Board. The Corporate Secretary shall forward all such communications to the Board or the specific committee, as appropriate.

#### **Expectations of Management**

The Board of Directors believes that it is appropriate for management to be responsible for the development of long-term strategies for our Company. Meetings of the Board of Directors are held, as required, to specifically review and deal with long-term strategies of the Company as presented by senior members of management.

The Board of Directors appreciates the value of having selected executive officers attend board meetings to provide information and opinions to assist the Directors in their deliberations. The Chair, in consultation with the Chief Financial Officer and Corporate Secretary, arranges for the attendance of executive officers as well as managers for consultation including technical presentations at Board of Directors meetings.

#### **INDEBTEDNESS OF DIRECTORS AND OFFICERS**

At no time since the beginning of the Company's last financial year was any director, executive officer, proposed nominee for election as a director, or any of their respective associates, indebted to the Company or any of its subsidiaries, nor was the indebtedness of any such person to another entity the subject of any guarantee, support agreement, letter of credit or similar arrangement provided by the Company or any of its subsidiaries.

#### **CERTAIN RELATIONSHIPS AND RELATED TRANSACTIONS**

None of our directors or officers has had any material interest, direct or indirect, in any material transaction since the incorporation of Ur-Energy or in any proposed transaction which has or may materially affect Ur-Energy.

As discussed in their biographies set forth herein, certain of our directors and/or officers are also directors and/or officers of one or more other mining or natural resources companies. Our directors and officers are also in many cases shareholders of one or more mining or natural resources companies. Consequently, there exists the possibility for such directors and/or officers to be in a position of conflict. While there is a potential for conflicts of interest to arise in such situations, that potential is minimized because of the nature of these other companies in other areas of mineral resources and precious metals. Any decision made by any of these directors and/or officers will be made in accordance with their duties and obligations to deal fairly and in good faith with Ur-Energy and such other companies. In addition, at meetings of the Board, any director with an interest in a matter being considered will declare such interest and refrain from voting on such matter.

The Audit Committee is charged with reviewing and approving in advance any transaction with any “related person,” as that term is defined under applicable U.S. securities laws. Except as previously disclosed, there have been no transactions between the Company and any “related person” since the beginning of the Company’s last fiscal year that would be required to be disclosed under applicable U.S. securities laws.

#### **HOUSEHOLDING**

The bank, broker or other nominee for any shareholder who is a beneficial owner, but not the record holder, of the Company’s Common Shares may deliver only one copy of the Circular to multiple shareholders who share the same address, unless that broker, bank or other nominee has received contrary instructions from one or more of the shareholders. The Company will deliver promptly, upon written or oral request, a separate copy of the Circular to a shareholder at a shared address to which a single copy of the document was delivered. Shareholders who wish to receive a separate copy of the Circular now, or a separate copy of the Notice of Internet Availability or Circular in the future, should write to us at: Ur-Energy Inc. 10758 West Centennial Road, Suite 200, Littleton, Colorado 80127, Attention: Corporate Secretary. Beneficial owners sharing an address who are receiving multiple copies of the Circular and wish to receive a single copy of the Notice of Internet Availability or Circular in the future will need to contact their broker, bank or other nominee to request that only a single copy be mailed to all shareholders at the shared address in the future.

#### **PERFORMANCE GRAPH AND TABLE**

The performance graph and disclosure related thereto is set forth in Item 5 of our Annual Report on Form 10-K for the year ended December 31, 2018 under the heading “**Performance Graph**” and is incorporated by reference here. The information in Item 5 of the Annual Report on Form 10-K is not deemed to be “soliciting material” or to be “filed” with the SEC or subject to the liabilities of Section 8 of the Exchange Act. A copy of our Annual Report on Form 10-K for the year ended December 31, 2018 is available at [www.sedar.com](http://www.sedar.com), [www.sec.gov](http://www.sec.gov) and upon request by a shareholder to the Company as set forth below under “Availability of Documents.”

#### **ACCOMPANYING FINANCIAL INFORMATION AND INCORPORATION BY REFERENCE**

Additional financial information for the Company is available in the Company’s audited consolidated financial statements for the year ended December 31, 2018 and related management’s discussion and analysis of financial condition and results of operations for the year ended December 31, 2018, included in the Annual Report on Form 10-K which has been filed with the SEC at <http://www.sec.gov/edgar.shtml>, and with Canadian securities regulators at [www.sedar.com](http://www.sedar.com).

#### **ANNUAL REPORT TO SHAREHOLDERS**

Included with this Circular is the Company’s 2018 Annual Report on Form 10-K for the year ended December 31, 2018 (without exhibits which may be accessed on our Annual Report on Form 10-K at <http://www.sec.gov/edgar.shtml>).

## SHAREHOLDER PROPOSALS

All proposals of the Company's shareholders intended to be presented at the Company's annual meeting of shareholders in 2019 must meet the requirements set forth in Section 137 of the *Canada Business Corporations Act* (CBCA) and Rule 14a-8 of the Exchange Act. Pursuant to the CBCA, proposals must be received by the Company's Corporate Secretary no later than January 5, 2020 in order to be included in the Management Proxy Circular for the Company's 2020 annual meeting. The Company's next annual meeting of shareholders is planned for May 2020.

As to any proposal that a shareholder intends to present to shareholders other than by inclusion in our Management Proxy Circular for our 2020 annual meeting of shareholders, the proxies named in our proxy for that meeting will be entitled to exercise their discretionary voting authority on that proposal unless we receive notice of the matter to be proposed not later than February 19, 2020. Even if proper notice is received on or prior to that date, the proxies named in our proxy for that meeting may nevertheless exercise their discretionary authority with respect to such matter by advising shareholders of that proposal and how they intend to exercise their discretion to vote on such matter, unless the shareholder making the proposal solicits proxies with respect to the proposal to the extent required by Rule 14a-4(c)(2) under the Exchange Act.

## AVAILABILITY OF DOCUMENTS

Upon request made to the Corporate Secretary of Ur-Energy at 10758 West Centennial Road, Suite 200, Littleton, Colorado 80127 (Telephone: +1 720-981-4588 ext. 250), the Corporate Secretary will provide to any shareholder of the Company entitled to vote at the Annual Meeting, free of charge, by first class mail within one business day of receipt of written request, a copy of our Annual Report on Form 10-K for the fiscal year ended December 31, 2018 (including exhibits) as filed with the SEC and with the Canadian securities authorities.

## OTHER MATTERS

Our management and the Board of Directors know of no other matters to be brought before the Meeting. If other matters are presented properly to the shareholders for action at the Meeting and any postponements and adjournments thereof, it is the intention of the proxy holders named in the proxy to vote in their discretion on all matters on which the Common Shares represented by such proxy are entitled to vote.

There have been no other proposals made by shareholders for consideration at this Meeting, nor are there any other proposals to be addressed at the Meeting but not included in this Circular.

## APPROVAL

The contents and mailing of this Circular have been approved by the Board of Directors of the Company.

***You are urged to complete, sign, date and return your proxy promptly. You may revoke your proxy at any time before it is voted. If you attend the Meeting, as we hope you will, and you are a Registered Shareholder, you may vote your shares in person.***

**BY ORDER OF THE BOARD OF DIRECTORS,**

/s/ Jeffrey T. Klenda  
Jeffrey T. Klenda, Chairman

**Schedule A**

**Ur-Energy Inc.**

**Restricted Share Unit Plan**

**Originally Effective May 7, 2010**

**As amended and restated on March 23, 2015**



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## ARTICLE 1

### GENERAL PROVISIONS

#### 1.1 Purpose

This Restricted Share Unit Plan is established as a vehicle by which equity-based incentives may be awarded to retain employees, to recognize and reward their significant contributions to the long-term success of the Corporation including to align the employees and directors interests more closely with the shareholders of the Corporation.

#### 1.2 Definitions

As used in the Plan, the following terms have the following meanings:

- (a) "Board" means the Board of Directors of the Corporation;
- (b) "Change of Control" includes:
  - (i) the acquisition by any persons acting jointly or in concert (as determined by the Securities Act (Ontario)), whether directly or indirectly, of voting securities of the Corporation that, together with all other voting securities of the Corporation held by such persons, constitute in the aggregate more than 50% of all outstanding voting securities of the Corporation;
  - (ii) an amalgamation, arrangement or other form of business combination of the Corporation with another corporation that results in the holders of voting securities of that other corporation holding, in the aggregate, more than 50% of all outstanding voting securities of the corporation resulting from the business combination;
  - (iii) the sale, lease or exchange of all or substantially all of the property of the Corporation to another person, other than in the ordinary course of business of the Corporation or to a Related Entity; or
  - (iv) any other transaction that is deemed to be a "Change of Control" for the purposes of this Plan by the Board in its sole discretion;

provided, however, with respect to Section 409A Covered Awards, a transaction will not be deemed to be a Change in Control unless such transaction constitutes a "change in control event" within the meaning of Section 409A of the Code.

- (c) "Code" means the US Internal Revenue Code of 1986, as amended;
- (d) "Committee" means the Compensation Committee of the Board or such other persons designated by the Board;
- (e) "Common Share" means a common share in the capital of the Corporation;
- (f) "Corporation" means Ur-Energy Inc. and its successors and assigns;
- (g) "Director" means a non-Employee director of the Board of the Corporation;
- (h) "Dividend" means a dividend declared and payable on a Common Share in accordance with the Corporation's dividend policy as the same may be amended from time to time (an "Ordinary Dividend"), and may, in the discretion of the Committee, include a special or stock dividend (a "Special Dividend") declared and payable on a Common Share;
- (i) "Eligible Person" means an Employee or a Director who is designated as an Eligible Person pursuant to Section 2.1;
- (j) "Employee" means an employee of the Corporation or a Subsidiary;

- (k) “Fair Market Value” means the closing price of the Common Shares on the Toronto Stock Exchange on the Business Day immediately prior to the Redemption Date, or if the shares are not listed on the Toronto Stock Exchange, then on such other stock exchange or quotation system as may be selected by the Committee, provided that, if the Common Shares are not listed or quoted on any other stock exchange or quotation system, then the Fair Market Value will be the value determined by the Committee in its sole discretion acting in good faith;
- (l) “Grant Date” means any date determined from time to time by the Committee as a date on which a grant of Restricted Share Units will be made to one or more Eligible Persons under this Plan;
- (m) “Officer” means a person who is an officer of the Corporation within the meaning of Section 1 of the Securities Act (Ontario).
- (n) “Plan” means the Ur-Energy Inc. Restricted Share Unit Plan, as amended from time to time;
- (o) “Redemption Date” in respect of any Restricted Share Unit means (A) for Restricted Share Units issued prior to Amended Effective Date, (i) 50% of such Restricted Share Unit on the first anniversary of the Grant Date on which such Restricted Share Unit was granted to the Eligible Person, and (ii) 50% of such Restricted Share Unit on the second anniversary of the Grant Date on which such Restricted Share Unit was granted to the Eligible Person, and (B) for Restricted Shares Units issued on or after Amended Effective Date, 100% of such Restricted Share Unit on the second anniversary of the Grant Date on which such Restricted Share Unit was granted to the Eligible Person, unless (a) an earlier date has been approved by the Committee as the Redemption Date in respect of such Restricted Share Unit (provided, however, that the Committee shall not designate an earlier Redemption Date in respect of Section 409A Covered Awards), or (b) Section 3.6, 4.1, 4.2 or 6.2, is applicable, in which case the Redemption Date in respect of such Restricted Share Unit shall be the date established as such in accordance with the applicable Section; provided that, notwithstanding any other provision hereof, in no event will the Redemption Date in respect of any Restricted Share Unit be after the end of the calendar year which is three years following the end of the year in which services to which the grant of such Restricted Share Unit relates were performed by the Employee or Director to whom such Restricted Share Unit was granted;
- (p) “Reorganization” means any declaration of any stock dividend (other than a Special Dividend in respect of which the Committee, in its discretion, determines that Eligible Persons are to be paid a cash amount pursuant to Section 3.4), stock split, combination or exchange of shares, merger, consolidation, recapitalization, amalgamation, plan of arrangement, reorganization, spin-off or other distribution (other than Ordinary Dividends) of the Corporation assets to shareholders or any other similar corporate transaction or event which the Committee determines affects the Common Shares such that an adjustment is appropriate to prevent dilution or enlargement of the rights of Eligible Persons under this Plan;
- (q) “Restricted Share Unit” means one notional Common Share (without any of the attendant rights of a shareholder of such Common Share, including the right to vote such Common Share and the right to receive dividends thereon, except to the extent otherwise specifically provided herein) credited by bookkeeping entry to a notional account maintained by the Corporation in respect of an Eligible Person in accordance with this Plan; and
- (r) “Section 409A Covered Award” means any Award granted under the Plan after the Amended Effective Date that constitutes “non-qualified deferred compensation” subject to Section 409A of the Code.
- (s) “Separation from Service” has the meaning set forth in Treasury Regulation 1.409A-1(h) applying the default rules thereunder.
- (t) “Specified Employee” means a “specified employee” within the meaning of Section 409A(a)(2)(B) of the Code using the identification methodology selected by the Corporation from time to time, or if none, the default methodology set forth in Section 409A of the Code.
- (u) “Subsidiary” has the meaning set out in the Securities Act (Ontario).

**1.3 Effective Date**

The Plan was originally effective May 7, 2010 with respect to the Eligible Person payable commencing in and with respect to the 2010 fiscal year. The Plan, as amended, is effective March 23, 2015. No Common Shares may be issued under the Plan until and unless all required regulatory and shareholder approvals have been obtained with respect to the issuance of Common Shares hereunder.

**1.4 Governing Law; Subject to Applicable Regulatory Rules**

The Plan shall be governed by and construed in accordance with the laws of the Province of Ontario and the federal laws of Canada applicable therein. The provisions of the Plan shall be subject to the applicable by-laws, rules and policies of the Toronto Stock Exchange and applicable securities legislation.

**ARTICLE 2**

**ELIGIBILITY AND PARTICIPATION**

**2.1 Eligibility**

This Plan applies to those Employees and Directors whom the Committee designates as eligible for a grant of Restricted Share Units pursuant to Section 3.1. The Committee shall make such a designation prior to each Grant Date.

**2.2 Rights Under the Plan**

Subject to Article 4 and Article 5, an Eligible Person who has been granted Restricted Share Units shall continue to have rights in respect of such Restricted Share Units until such Restricted Share Units have been redeemed for cash or shares in accordance with this Plan.

**2.3 Copy of Plan**

The Corporation shall provide each Eligible Person with a copy of this Plan following the initial grant of Restricted Share Units to such Eligible Person and shall provide each Eligible Person with a copy of all amendments to this Plan.

**2.4 Limitation on Rights**

Nothing in this Plan shall confer on any Employee or Director any right to be designated as an Eligible Person or to be granted any Restricted Share Units. There is no obligation for uniformity of treatment of Eligible Persons or any group of Employees, Directors or Eligible Persons, whether based on salary or compensation, grade or level or organizational position or level or otherwise. A grant of Restricted Share Units to an Eligible Person on one or more Grant Dates shall not be construed to create a right to a grant of Restricted Share Units on a subsequent Grant Date.

**2.5 Grant Agreements**

Each grant of Restricted Share Units shall be evidenced by a written agreement executed by the Eligible Person in substantially the form appended hereto. An Eligible Person will not be entitled to any grant of Restricted Share Units or any benefit of this Plan unless the Eligible Person agrees with the Corporation to be bound by the provisions of this Plan. By entering into an agreement described in this Section 2.5, each Eligible Person shall be deemed conclusively to have accepted and consented to all terms of this Plan and all bona fide actions or decisions made by the Committee. Such terms and consent shall also apply to and be binding on the legal representative, beneficiaries, heirs and successors of each Eligible Person.

**2.6 Maximum Number of Common Shares**

Notwithstanding any provision herein, the aggregate number of Common Shares which may be issuable upon the redemption of all Restricted Share Units under the Plan, in combination with the aggregate number of Common Shares which may be issuable under any and all of the Corporation's equity incentive plans in existence from time to time, including the Corporation's Stock Option Plan 2005, as amended from time to time, shall not exceed ten percent (10%) of the issued and outstanding shares of the Corporation as at the Grant Date of each Restricted Share Unit under the Plan or such greater number of Common Shares as shall have been duly approved by the Board and, if required by the rules or policies of the Toronto Stock Exchange or any other stock exchange on which the Common

Shares of the Corporation may then be listed, by the shareholders of the Corporation. No fractional Common Shares may be issued under the Plan.

### ARTICLE 3

#### RESTRICTED SHARE UNITS

##### 3.1 Grant of Restricted Share Units

On each Grant Date, the Committee shall designate Eligible Persons and determine the number of Restricted Share Units to be granted to each Eligible Person in the Committee's sole discretion.

##### 3.2 Redemption of Restricted Share Units

- (a) Unless redeemed earlier in accordance with this Plan, the Restricted Share Units of each Eligible Person will be redeemed on or within thirty (30) days after the Redemption Date for cash or Common Shares, as determined by the Committee, for an amount equal to the Fair Market Value of a Restricted Share Unit.
- (b) If the Committee determines that any Restricted Share Units are to be redeemed for Common Shares, the Eligible Person will be entitled to receive and the Corporation will issue to the Eligible Person a number of Common Shares equal to the Fair Market Value of the Restricted Share Units (net of any applicable statutory withholdings) that have vested on the Redemption Date.

##### 3.3 Compliance With Tax Requirements

In taking any action hereunder, or in relation to any rights hereunder, the Corporation and each Eligible Person shall comply with all provisions and requirements of any income tax, pension plan, or employment or unemployment insurance legislation or regulations of any jurisdiction which may be applicable to the Corporation or Eligible Person, as the case may be. The Corporation shall have the right to deduct from all payments made to the Employee in respect of the Restricted Share Units, whether in cash or Common Shares, any federal, provincial, local, foreign or other taxes, Canadian Pension Plan or Employment Insurance Commission or other deductions required by law to be withheld with respect to such payments. The Corporation may take such other action as the Board or the Committee may consider advisable to enable the Corporation and any Eligible Person to satisfy obligations for the payment of withholding or other tax obligations relating to any payment to be made under this Plan. Each Eligible Person (or the heirs and legal representatives of the Eligible Person) shall bear any and all income or other tax imposed on amounts paid to the Eligible Person (or the heirs and legal representatives of the Eligible Person) under this Plan, including any taxes, interest or penalties resulting from the application of Section 409A of the Code. If the Board or the Committee so determines, the Corporation shall have the right to require, prior to making any payment under this Plan, payment by the recipient of the excess of any applicable Canadian or foreign federal, provincial, state, local or other taxes over any amounts withheld by the Corporation, in order to satisfy the tax obligations in respect of any payment under this Plan. If the Corporation does not withhold from any payment, or require payment of an amount by a recipient, sufficient to satisfy all income tax obligations, the Eligible Person shall make reimbursement, on demand, in cash, of any amount paid by the Corporation in satisfaction of any tax obligation. Notwithstanding any other provision hereof, in taking such action hereunder, the Board and the Committee shall endeavour to ensure that the payments to be made hereunder will not be subject to the "salary deferral arrangement" rules under the Income Tax Act (Canada), as amended, or income tax legislation of any other jurisdiction.

##### 3.4 Payment of Dividend Equivalents

When Dividends are paid on Common Shares, an Eligible Person shall be credited with Dividend equivalents in respect of the Restricted Share Units credited to the Eligible Person's account as of the record date for payment of Dividends. Such Dividend equivalents shall be converted into additional Restricted Share Units (including fractional Restricted Share Units) based on the Fair Market Value per Common Share on the date credited, and such new Restricted Share Units shall be paid at the same time as the Restricted Share Units to which the Dividend equivalents related.

##### 3.5 Adjustments

If any change occurs in the outstanding Common Shares by reason of a Reorganization, the Committee, in its sole discretion, and without liability to any person, shall make such equitable changes or adjustments, if any, as it considers appropriate, in such manner as the Committee may consider equitable, to reflect such change or event including, without limitation, adjusting the number of Restricted Share Units credited to Eligible Persons and outstanding under the Plan, provided that any such adjustment will not otherwise

extend the Redemption Date otherwise applicable. The Corporation shall give notice to each Eligible Person of any adjustment made pursuant to this section and, upon such notice, such adjustment shall be conclusive and binding for all purposes. The existence of outstanding Restricted Share Units shall not affect in any way the right or power and authority of the Corporation or its shareholders to make or authorize any alteration, recapitalization, reorganization or any other change in the Corporation's capital structure or its business or any merger or consolidation of the Corporation, any issue of bonds, debentures or preferred or preference shares (ranking ahead of the Common Shares or otherwise) or any right thereto, or the dissolution or liquidation of the Corporation, any sale or transfer of all or any part of its assets or business or any corporate act or proceeding whether of a similar character or otherwise.

### **3.6 Offer for Common Shares – Change of Control**

Notwithstanding anything else herein to the contrary, in the event of a Change of Control, then the Corporation shall redeem 100% of the Restricted Share Units granted to the Eligible Persons and outstanding under the Plan as soon as reasonably practical, but no later than thirty (30) days following the Redemption Date for cash. For the purposes of this Section 3.6: (i) the Redemption Date shall be the date on which the Change of Control occurs, and (ii) the Fair Market Value of a Restricted Share Unit shall be the greater of (i) the closing price per Common Share on the Toronto Stock Exchange on the Business Day immediately preceding the Redemption Date, and (ii) the price at which Common Shares are taken up under the Change of Control, as applicable.

## **ARTICLE 4 EVENTS AFFECTING ENTITLEMENT**

### **4.1 Termination of Employment or Election as a Director**

- (a) Voluntary Termination or Termination for Cause. If an Eligible Person is terminated by the Corporation for cause (as determined by the Corporation), or if an Eligible Person, voluntarily terminates employment for any reason or resigns as a Director, as applicable, all of the Eligible Person's Restricted Share Units shall be cancelled and no amount shall be paid by the Corporation to the Eligible Person in respect of the Restricted Share Units so cancelled.
- (b) Involuntary Termination. The Restricted Share Units of an Eligible Person, other than a Director, who is involuntarily terminated by the Corporation, for reasons other than cause, shall be redeemed for cash at the Fair Market Value of a Restricted Share Unit on the Redemption Date. For the purposes of this Section 4.1(b) the Redemption Date shall be:
  - (i) for Restricted Share Units other than Section 409A Covered Awards, the date on which the employment of the Eligible Person, other than a Director, is terminated irrespective of any entitlement of the Eligible Person to notice, pay in lieu of notice or benefits beyond the termination date, and
  - (ii) for Section 409A Covered Awards, the date of the Eligible Person's Separation from Service; provided, however, that if on such date the Eligible Person is a Specified Employee, then to the extent required by Section 409A(a)(2)(B) of the Code, the Redemption Date shall be the earlier of (i) the expiration of the six (6)-month period measured from the date of the Eligible Person's Separation from Service, and (ii) the date of the Eligible Person's death (the "Delay Period").
- (c) Termination related to Directors. The Restricted Share Units of a Director, who is not re-elected at an annual or special meeting of shareholders shall be redeemed for cash at the Fair Market Value of a Restricted Share Unit on the Redemption Date. For purposes of this Section 4.1(c), the Redemption Date shall be:
  - (i) for Restricted Share Units other than Section 409A Covered Awards, the date on which the annual or special meeting is held, and
  - (ii) for Section 409A Covered Awards, the date of the Eligible Person's Separation from Service.
- (d) Retirement of Officers and Directors. Any unvested Restricted Share Units held by the Officer or Director will become fully vested upon such Officer's or Director's "Retirement," which shall mean such Officer's or Director's voluntary termination of employment or cessation of services to the Corporation when the Officer's or Director's age plus years of service with the Corporation (in each case measured in complete, whole years) equals or exceeds 65, provided that at the date of termination such Officer or Director has completed at least five years of service with the Corporation. Such Restricted Share Units shall be redeemed in accordance with Section 3.2 on their originally scheduled Redemption Dates.

**4.2 Death**

All of the Restricted Share Units of an Eligible Person who dies shall be redeemed in accordance with Section 3.2. For the purposes of the foregoing, the Redemption Date shall be the date of the Eligible Person's death.

**4.3 No Grants Following Last Day of Active Employment**

In the event of termination of any Eligible Person's employment with the Corporation, such Eligible Person shall not be granted any Restricted Share Units pursuant to Section after the last day of active employment of such Eligible Person. Without limiting the generality of the foregoing and of Section 2.4, notwithstanding any other provision hereof, and notwithstanding any provision of any employment agreement between any Eligible Person and the Corporation, no Eligible Person will have any right to be awarded additional Restricted Share Units, and shall not be awarded any Restricted Share Units, pursuant to Section 3.1 after the last day of active employment of such Eligible Person on which such Eligible Person actually performs the duties of the Eligible Person's position, whether or not such Eligible Person receives a lump sum payment of salary or other compensation in lieu of notice of termination, or continues to receive payment of salary, benefits or other remuneration for any period following such last day of active employment. Notwithstanding any other provision hereof, or any provision of any employment agreement between the Corporation and an Eligible Person, in no event will any Eligible Person have any right to damages in respect of any loss of any right to be awarded Restricted Share Units pursuant to Section 3.1 after the last day of active employment of such Eligible Person and no severance allowance, or termination settlement of any kind in respect of any Eligible Person will include or reflect any claim for such loss of right and no Eligible Person will have any right to assert, claim, seek or obtain, and shall not assert, claim, seek or obtain, any judgment or award in respect of or which includes or reflects any such right or claim for such loss of right.

**ARTICLE 5  
ADMINISTRATION**

**5.1 Transferability**

Rights respecting Restricted Share Units shall not be transferable or assignable other than by will or the laws of decent and distribution.

**5.2 Administration**

The Committee shall, in its sole and absolute discretion, but subject to applicable corporate, securities and tax law requirements: (i) interpret and administer the Plan; (ii) establish, amend and rescind any rules and regulations relating to the Plan; and (iii) make any other determinations that the Committee deems necessary or desirable for the administration and operation of the Plan. The Committee may delegate to any person any administrative duties and powers under this Plan. The Committee may correct any defect or supply any omission or reconcile any inconsistency in the Plan in the manner and to the extent the Committee deems, in its sole and absolute discretion, necessary or desirable. Any decision of the Committee with respect to the administration and interpretation of the Plan shall be conclusive and binding on the Eligible Person and his or her legal representative. The Board may establish policies respecting minimum ownership of Common Shares of the Corporation by Eligible Persons and the ability to elect Restricted Share Units to satisfy any such policy.

**5.3 Records**

The Corporation will maintain records indicating the number of Restricted Share Units credited to an Eligible Person under the Plan from time to time and the Grant Dates of such Restricted Share Units. Such records shall be conclusive as to all matters involved in the administration of this Plan.

**5.4 Statements**

The Corporation shall furnish annual statements to each Eligible Person indicating the number of Restricted Share Units credited to the Eligible Person and the Grant Dates of the Restricted Share Units and such other information that the Corporation considers relevant to the Eligible Person.

## 5.5 Legal Compliance

Without limiting the generality of the foregoing, the Committee may take such steps and require such documentation from Eligible Persons as the Committee may determine are desirable to ensure compliance with all applicable laws and legal requirements, including all applicable corporate and securities laws and regulations of any country, and any political subdivisions thereof, and the by-laws, rules and regulations of any stock exchanges or other organized market on which Common Shares may from time to time be listed or posted and any applicable provisions of the Income Tax Act (Canada), as amended or income tax legislation or any other jurisdiction.

## ARTICLE 6

### AMENDMENT AND TERMINATION

#### 6.1 Amendment

- (a) The Board reserves the right, in its sole discretion, to amend, suspend or terminate the Plan or any portion thereof at any time, in accordance with applicable legislation, without obtaining the approval of shareholders. Notwithstanding the foregoing, the Corporation will be required to obtain, in accordance with the provisions of the rules and policies of the Toronto Stock Exchange, the approval of holders of a majority of shares present and voting in person or by proxy at a meeting of the shareholders of the Corporation for any amendment related to:
  - (i) the percentage of the issued and outstanding Common Shares available to be granted under the Plan;
  - (ii) a change in the method of calculation of redemption of Restricted Share Units held by Eligible Persons;
  - (iii) an extension to the term for redemption of Restricted Share Units held by Eligible Persons; and
  - (iv) amendments to this Section 6.1 of the Plan.
- (b) Unless an Eligible Person otherwise agrees, any amendment to the Plan or Restricted Share Unit shall apply only in respect of Restricted Share Units granted on or after the date of such amendment.
- (c) Without limiting the generality of the foregoing, the Board may make the following amendments to the Plan, without obtaining shareholder approval:
  - (i) amendments to the terms and conditions of the Plan necessary to ensure that the Plan complies with the applicable regulatory requirements, including the rules of the TSX, in place from time to time;
  - (ii) amendments to the provisions of the Plan respecting administration of the Plan and eligibility for participation under the Plan;
  - (iii) amendments to the provisions of the Plan respecting the terms and conditions on which Restricted Share Units may be granted pursuant to the Plan, including the provisions relating to the payment of the Restricted Share Units; and
  - (iv) amendments to the Plan that are of a “housekeeping” nature.

#### 6.2 Termination of Plan

The Board may from time to time amend or suspend this Plan in whole or in part and may at any time terminate this Plan. No such amendment, suspension or termination shall adversely affect the rights of any Eligible Person at the time of such amendment, suspension or termination with respect to outstanding and unredeemed Restricted Share Units credited to such Eligible Person without the consent of the affected Eligible Person. If the Board terminates the Plan, no new Restricted Share Units will be awarded to any Eligible Person, but outstanding and unredeemed previously credited Restricted Share Units shall remain outstanding, be entitled to payments as provided under Section 3.4, and be paid in accordance with the terms and conditions of this Plan existing at the time of termination. This Plan will finally cease to operate for all purposes when the last remaining Eligible Person receives a payment in satisfaction of all outstanding and unredeemed Restricted Share Units credited to such Eligible Person, or all outstanding and unredeemed Restricted Share Units credited to such Eligible Person are cancelled pursuant to the provisions thereof.



**ARTICLE 7**

**GENERAL**

**7.1 Rights to Common Shares**

This Plan shall not be interpreted to create any entitlement of any Eligible Person to any Common Shares, or to the dividends payable pursuant thereto, except as expressly provided herein. A holder of Restricted Share Units shall not have rights as a shareholder of the Corporation with respect to any Common Shares which may be issuable pursuant to the Restricted Share Units so held, whether voting, right on liquidation or otherwise.

**7.2 No Right to Employment**

This Plan shall not be interpreted as either an employment or trust agreement. Nothing in this Plan nor any Committee guidelines or any agreement referred to in Section 2.5 nor any action taken hereunder shall be construed as giving any Eligible Person the right to be retained in the continued employ or service of the Corporation or any of its subsidiaries, or giving any Eligible Person or any other person the right to receive any benefits not specifically expressly provided in this Plan nor shall it interfere in any way with any other right of the Corporation to terminate the employment or service of any Eligible Person at any time.

**7.3 Right to Funds**

Neither the establishment of this Plan nor the granting of Restricted Share Units under this Plan shall be deemed to create a trust. Amounts payable to any Eligible Person under the Plan shall be a general, unsecured obligation of the Corporation. The right of the Employee to receive payment pursuant to this Plan shall be no greater than the right of other unsecured creditors of the Corporation.

**7.4 Successors and Assigns**

The Plan shall be binding on all successors and assigns of the Corporation and an Eligible Person, including without limitation, the estate of such Eligible Person and the legal representative of such estate, or any receiver or trustee in bankruptcy or representative of the Corporation's or Eligible Person's creditors.

**7.5 Severability**

If any provision of the Plan or part hereof is determined to be void or unenforceable in whole or in part, such determination shall not affect the validity or enforcement of any other provision or part thereof.

**7.6 Code Section 409A**

- (a) Although the Corporation does not guarantee to a Eligible Person any particular tax treatment of an Award, the payments hereunder in redemption of the Restricted Share Units are intended to comply with or be exempt from the provisions of Section 409A of the Code, and this Plan shall be administered accordingly. Notwithstanding the foregoing, neither the Corporation, nor its subsidiaries or affiliates, nor any of their officers, directors, employees or representatives shall be liable to the Eligible Person for any interest, taxes or penalties resulting from non-compliance with Section 409A of the Code.
- (b) All payments in respect of Restricted Share Units other than Section 409A Covered Awards are intended to be "short-term deferrals" exempt from the application of Code Section 409A and are intended to be made no later than the 15th day of the third month after the later of the end of (i) the first calendar year in which the Eligible Person's right to the payment is no longer subject to a substantial risk of forfeiture or (ii) the first taxable year of the Corporation in which the Eligible Person's right to payment is no longer subject to a substantial risk of forfeiture.

RESTRICTED SHARE UNIT GRANT AGREEMENT

This Restricted Share Unit Grant Agreement is made as of the \_\_\_ day of \_\_\_\_\_, 20\_\_ between \_\_\_\_\_, the undersigned "Eligible Person" (the "Eligible Person"), being an employee or director of Ur-Energy Inc. (the "Corporation"), named or designated pursuant to the terms of the Restricted Share Unit Plan of Ur-Energy Inc. (which Plan, as the same may from time to time be modified, supplemented or amended and in effect is herein referred to as the "Plan"), and the Corporation.

In consideration of the grant of Restricted Share Units made to the Eligible Person pursuant to the Plan (the receipt and sufficiency of which are hereby acknowledged), the Eligible Person hereby agrees and confirms that:

1. The Eligible Person has received a copy of the Plan and has read, understands and agrees to be bound by the provisions of the Plan.
2. The Eligible Person accepts and consents to and shall be deemed conclusively to have accepted and consented to, and agreed to be bound by, the provisions and all terms of the Plan and all bona fide actions or decisions made by the Board, the Committee, or any person to whom the Committee may delegate administrative duties and powers in relation to the Plan, which terms and consent shall also apply to and be binding on the legal representatives, beneficiaries and successors of the undersigned.
3. On \_\_\_\_\_, 20\_\_, the Eligible Person was granted \_\_\_\_\_ Restricted Share Units, which grant is evidenced by this Agreement.
4. This Restricted Share Unit Grant Agreement shall be considered as part of and an amendment to the employment agreement between the Eligible Person and the Corporation and the Eligible Person hereby agrees that the Eligible Person will not make any claim under that employment agreement for any rights or entitlement under the Plan or damages in lieu thereof except as expressly provided in the Plan.

This Agreement shall be determined in accordance with the laws of Ontario and the laws of Canada applicable therein.

Words used herein which are defined in the Plan shall have the respective meanings ascribed to them in the Plan.

IN WITNESS WHEREOF, Ur-Energy Inc. has executed and delivered this Agreement, and the Eligible Person has signed, sealed and delivered this Agreement, as of the date first above written.

**UR-ENERGY INC.**

Per: \_\_\_\_\_  
Name: \_\_\_\_\_

\_\_\_\_\_  
<Name>



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Toronto, Ontario M5J 2Y1  
www.computershare.com

Security Class

Holder Account Number

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### Form of Proxy - Annual General and Special Meeting to be held on May 2, 2019

#### 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 persons 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 must sign this proxy with signing capacity stated, and you may be required to provide documentation evidencing your power to sign this proxy.
3. This proxy should be signed in the exact manner as the name(s) appear(s) on the proxy.
4. If this proxy is not dated, it will be deemed to bear the date on which it is mailed by Management to the holder.
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, 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 and, if the holder has 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 or other matters that may properly come before the meeting or any adjournment or postponement thereof.
8. This proxy should be read in conjunction with the accompanying documentation provided by Management.

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Proxies submitted must be received by 1:00 P.M., MDT, on April 30, 2019.

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

 <p><b>To Vote Using the Telephone</b></p> <ul style="list-style-type: none"> <li>• Call the number listed BELOW from a touch tone telephone.</li> </ul> <p><b>1-866-732-VOTE (8683) Toll Free</b></p>	 <p><b>To Vote Using the Internet</b></p> <ul style="list-style-type: none"> <li>• Go to the following web site: <a href="http://www.investorvote.com">www.investorvote.com</a></li> <li>• <b>Smartphone?</b> Scan the QR code to vote now.</li> </ul> 	 <p><b>To Receive Documents Electronically</b></p> <ul style="list-style-type: none"> <li>• You can enroll to receive future securityholder communications electronically by visiting <a href="http://www.investorcentre.com">www.investorcentre.com</a> and clicking at the bottom of the page.</li> </ul>
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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**





**Appointment of Proxyholder**

I/We, being holder(s) of Ur-Energy Inc. hereby appoint: Jeffrey T. Klenda, Chairman, or failing him, Thomas Parker, Lead Director,

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 shareholder in accordance with the following direction (or if no directions have been given, as the proxyholder sees fit) and all other matters that may properly come before the Annual General and Special Meeting of shareholders of Ur-Energy Inc. to be held at Hampton Inn & Suites, 7611 Shaffer Parkway, Littleton, Colorado 80127, on May 2, 2019 at 1:00 P.M., MDT, and at any adjournment or postponement thereof.

VOTING RECOMMENDATIONS ARE INDICATED BY HIGHLIGHTED TEXT OVER THE BOXES.

**1. Election of Directors**

	For	Withhold		For	Withhold		For	Withhold
01. Jeffrey T. Klenda	<input type="checkbox"/>	<input type="checkbox"/>	02. James M. Franklin	<input type="checkbox"/>	<input type="checkbox"/>	03. W. William Boberg	<input type="checkbox"/>	<input type="checkbox"/>
04. Thomas Parker	<input type="checkbox"/>	<input type="checkbox"/>	05. Gary C. Huber	<input type="checkbox"/>	<input type="checkbox"/>	06. Kathy E. Walker	<input type="checkbox"/>	<input type="checkbox"/>
07. Rob Chang	<input type="checkbox"/>	<input type="checkbox"/>						

Fold

**For**    **Withhold**

**2. 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**

**3. Say on Pay**

Approve in an advisory (non-binding) vote, the compensation of the Company's named executive officers.

**For**    **Against**

**4. Restricted Share Unit Plan Resolution**

Ratify, confirm and approve the renewal of the Ur-Energy Amended Restricted Share Unit Plan (the "RSU Plan") and approve and authorize for a period of three years all unallocated restricted share units issuable pursuant to the RSU Plan.

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**Authorized Signature(s) - This section must be completed for your instructions to be executed.**

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, this Proxy will be voted as recommended by Management.**

Signature(s)

Date

DD / MM / YY

**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 NOT like to receive the Annual Financial Statements and accompanying Management's Discussion and Analysis by mail.

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/mailng1st](http://www.computershare.com/mailng1st).

**UR G Q**

**2 9 0 4 3 4**

**A R 2**

