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**Securities and Exchange Commission**  
Washington, D.C. 20549

**Schedule 13G**

(Rule 13d-102)

**Information to be Included in Statements Filed Pursuant  
to § 240.13d-1(b), (c) and (d) and Amendments Thereto Filed  
Pursuant to § 240.13d-2**

**UNDER THE SECURITIES EXCHANGE ACT OF 1934**

(Amendment No. )\*

**Iris Energy Limited**

(Name of Issuer)

**Ordinary Shares**

(Title of Class of Securities)

**Q4982L109**

(CUSIP Number)

**December 31, 2021**

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)  
 Rule 13d-1(c)  
 Rule 13d-1(d)

\* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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<b>1</b>	NAMES OF REPORTING PERSONS <b>The Awassi Capital Trust #2</b>	
<b>2</b>	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
<b>3</b>	SEC USE ONLY	
<b>4</b>	CITIZENSHIP OR PLACE OF ORGANIZATION <b>Australia</b>	
<b>NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH</b>	<b>5</b>	SOLE VOTING POWER <b>0</b>
	<b>6</b>	SHARED VOTING POWER <b>6,000,000</b>
	<b>7</b>	SOLE DISPOSITIVE POWER <b>0</b>
	<b>8</b>	SHARED DISPOSITIVE POWER <b>6,000,000</b>
<b>9</b>	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON <b>6,000,000</b>	
<b>10</b>	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) <b>Not Applicable</b>	
<b>11</b>	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) <b>10.7%</b>	
<b>12</b>	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) <b>OO</b>	

<b>1</b>	NAMES OF REPORTING PERSONS <b>Awassi Capital Holdings 2 Pty Ltd (ACN 629 819 978)</b>	
<b>2</b>	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
<b>3</b>	SEC USE ONLY	
<b>4</b>	CITIZENSHIP OR PLACE OF ORGANIZATION <b>Australia</b>	
<b>NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH</b>	<b>5</b>	SOLE VOTING POWER <b>0</b>
	<b>6</b>	SHARED VOTING POWER <b>6,000,000</b>
	<b>7</b>	SOLE DISPOSITIVE POWER <b>0</b>
	<b>8</b>	SHARED DISPOSITIVE POWER <b>6,000,000</b>
<b>9</b>	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON <b>6,000,000</b>	
<b>10</b>	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) <b>Not Applicable</b>	
<b>11</b>	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) <b>10.7%</b>	
<b>12</b>	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) <b>CO</b>	

<b>1</b>	NAMES OF REPORTING PERSONS <b>Daniel John Roberts</b>	
<b>2</b>	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
<b>3</b>	SEC USE ONLY	
<b>4</b>	CITIZENSHIP OR PLACE OF ORGANIZATION <b>Australia</b>	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	<b>5</b>	SOLE VOTING POWER <b>0</b>
	<b>6</b>	SHARED VOTING POWER <b>6,000,000</b>
	<b>7</b>	SOLE DISPOSITIVE POWER <b>0</b>
	<b>8</b>	SHARED DISPOSITIVE POWER <b>6,000,000</b>
<b>9</b>	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON <b>6,000,000</b>	
<b>10</b>	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) <b>Not Applicable</b>	
<b>11</b>	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) <b>10.7%</b>	
<b>12</b>	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) <b>IN</b>	

**ITEM 1. (a) Name of Issuer:**

Iris Energy Limited (the "Issuer").

**(b) Address of Issuer's Principal Executive Offices:**

Level 21, 60 Margaret Street, Sydney, NSW 2000 Australia

**ITEM 2. (a) Name of Person Filing:**

Each of the following is hereinafter individually referred to as a "Reporting Person" and collectively as the "Reporting Persons." This statement is filed on behalf of:

The Awassi Capital Trust #2  
Awassi Capital Holdings 2 Pty Ltd (ACN 629 819 978) ("Awassi Capital 2")  
Daniel John Roberts

**(b) Address or Principal Business Office:**

The business address of the Reporting Persons is c/o Iris Energy Limited, Level 21, 60 Margaret Street, Sydney, NSW 2000 Australia.

**(c) Citizenship of each Reporting Person is:**

Each of The Awassi Capital Trust #2 and Awassi Capital 2 is organized under the laws of Australia. Mr. Roberts is a citizen of Australia.

**(d) Title of Class of Securities:**

Ordinary Shares ("Ordinary Shares").

**(e) CUSIP Number:**

Q4982L109

**ITEM 3.**

Not applicable.

**ITEM 4. Ownership.****(a-c)**

The ownership information presented below represents beneficial ownership of Ordinary Shares of the Issuer as of December 31, 2021, based upon 56,036,108 Ordinary Shares outstanding as of December 31, 2021 (55,036,108 Ordinary Shares outstanding plus 1,000,000 Ordinary Shares issuable upon the exercise of options that are immediately exercisable or exercisable by each Reporting Person within 60 days of December 31, 2021).

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<b>Reporting Person</b>	<b>Amount beneficially owned</b>	<b>Percent of class:</b>	<b>Sole power to vote or to direct the vote:</b>	<b>Shared power to vote or to direct the vote:</b>	<b>Sole power to dispose or to direct the disposition of:</b>	<b>Shared power to dispose or to direct the disposition of:</b>
The Awassi Capital Trust #2	6,000,000	10.7%	0	6,000,000	0	6,000,000
Awassi Capital Holdings 2 Pty Ltd (ACN 629 819 978)	6,000,000	10.7%	0	6,000,000	0	6,000,000
Daniel John Roberts	6,000,000	10.7%	0	6,000,000	0	6,000,000

The Awassi Capital Trust #2 is the record holder of 6,000,000 Ordinary Shares (including 1,000,000 Ordinary Shares issuable upon the exercise of options that are immediately exercisable or exercisable within 60 days of December 31, 2021). Mr. Roberts is the sole shareholder of Awassi Capital 2, which is the trustee for The Awassi Capital Trust #2. As a result, each of the Reporting Persons may be deemed to share beneficial ownership over the securities reported herein.

**ITEM 5. Ownership of Five Percent or Less of a Class.**

Not applicable.

**ITEM 6. Ownership of More than Five Percent on Behalf of Another Person.**

Not applicable.

**ITEM 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company.**

Not applicable.

**ITEM 8. Identification and Classification of Members of the Group.**

Not applicable.

**ITEM 9. Notice of Dissolution of Group.**

Not applicable.

**ITEM 10. Certification.**

Not applicable.

**SIGNATURE**

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

**Date:** February 14, 2022

**The Awassi Capital Trust #2**

By: Awassi Capital Holdings 2 Pty Ltd (ACN 629 819 978), its trustee

By: /s/ Daniel John Roberts

Name: Daniel John Roberts

Title: Director

**Awassi Capital Holdings 2 Pty Ltd (ACN 629 819 978)**

By: /s/ Daniel John Roberts

Name: Daniel John Roberts

Title: Director

**Daniel John Roberts**

/s/ Daniel John Roberts

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**LIST OF EXHIBITS**

<b><u>Exhibit No.</u></b>	<b><u>Description</u></b>
<a href="#">99</a>	Joint Filing Agreement.

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**JOINT FILING AGREEMENT**

In accordance with Rule 13d-1(k)(1) promulgated under the Securities Exchange Act of 1934, as amended, the undersigned hereby agree that they are jointly filing this statement on Schedule 13G. Each of them is responsible for the timely filing of such statement and any amendments thereto, and for the completeness and accuracy of the information concerning such person contained therein; but none of them is responsible for the completeness or accuracy of the information concerning the other persons making the filing, unless such person knows or has reason to believe that such information is inaccurate.

IN WITNESS WHEREOF, the undersigned hereby execute this Joint Filing Agreement as of the 14<sup>th</sup> day of February, 2022.

**The Awassi Capital Trust #2**

By: Awassi Capital Holdings 2 Pty Ltd (ACN 629 819 978), its trustee

By: /s/ Daniel John Roberts

Name: Daniel John Roberts

Title: Director

**Awassi Capital Holdings 2 Pty Ltd (ACN 629 819 978)**

By: /s/ Daniel John Roberts

Name: Daniel John Roberts

Title: Director

**Daniel John Roberts**

/s/ Daniel John Roberts

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