

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934
or Section 30(h) of the Investment Company Act of 1940

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.

1. Name and Address of Reporting Person * <u>Vanka Krishna C</u> (Last) (First) (Middle) <u>C/O FLUX POWER HOLDINGS, INC.</u> <u>2685 S. MELROSE DRIVE</u> (Street) <u>VISTA,</u> <u>CA</u> <u>92081</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>Flux Power Holdings, Inc. [FLUX]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>CEO and President</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>08/01/2025</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
<u>Time-based Restricted Stock Units</u>	<u>(1)</u>	<u>08/01/2025</u>		<u>A</u>		<u>121,951</u>		<u>(1)</u>	<u>(1)</u>	<u>Common Stock</u>	<u>121,951</u>	<u>(1)</u>	<u>121,951</u>	<u>D</u>	
<u>Performance-based Restricted Stock Units</u>	<u>(2)</u>	<u>08/01/2025</u>		<u>A</u>		<u>182,927</u>		<u>(2)</u>	<u>(2)</u>	<u>Common Stock</u>	<u>182,927</u>	<u>(2)</u>	<u>182,927</u>	<u>D</u>	

Explanation of Responses:

1. Represents a grant of restricted stock units ("RSUs") pursuant to the Issuer's 2021 Equity Incentive Plan (the "Plan") on August 1, 2025 (the "Grant Date"). Each RSU represents a contingent right to receive, upon vesting of the RSU, one share of the Issuer's common stock. The RSUs are scheduled to vest annually over 3 years, with the first vest date on July 1, 2026, subject to the Reporting Person's continued employment or service through each vest date.

2. Represents a maximum grant of RSUs pursuant to the Issuer's Plan on the Grant Date, contingent on the achievement of target performance goals approved by the Issuer's Compensation Committee. Each RSU represents a contingent right to receive, upon vesting of the RSU, one share of the Issuer's common stock. The RSUs are scheduled to cliff-vest on the third anniversary of July 1, 2025.

/s/ Krishna Vanka 08/05/2025
** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.