

Infinite Instantaneous Power from an LTSpice Simulation of a Neon Core Transformer.



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Netlist:

* C:\Users\vinya\Documents\Sims\LTSpice\2026\07 - July\04\build.asc

* Generated by LTspice 24.1.9 for Windows.

L1 N005 N008 {ind} Rser={ind}

L2 N006 N009 {ind} Rser={ind}

L3 N007 N010 {ind} Rser={ind}

X\$U1 N011 N012 neonbulb Vstrike=100 Vhold=50 Zon=2K lhold=200u
Tau=100u

C1 N014 N013 {kap} Rser=10m

C2 N004 N003 {kap} Rser=10m

R1 N008 N011 100m

R2 N009 N013 100m

R3 N010 N014 100m

R4 N004 N007 100m

R5 N003 N006 100m

R6 0 N001 100m

R7 N012 0 100m

R8 N002 N005 100m

V1 N001 N002 SINE(0 1u 300)

.param ind = 400p

.param kap = 0.001f

K1 L1 L2 L3 1

.options reltol = 0.01

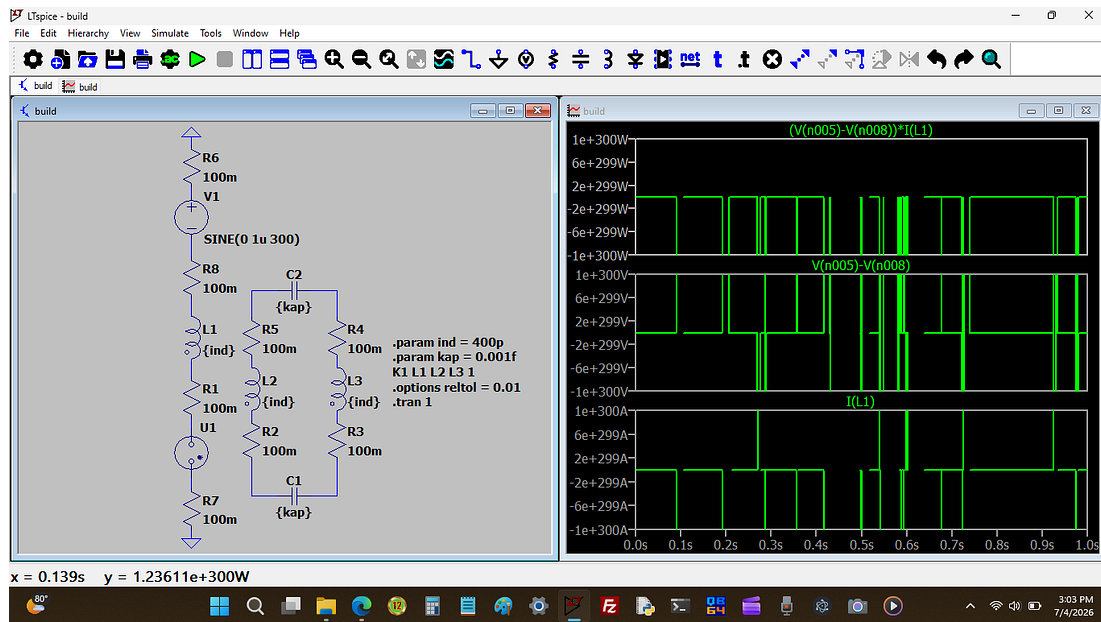
.tran 1

.lib neonbulb.sub

.backanno

.end

Screenshot:



Infinite watts, infinite voltage, infinite current.

[Download this circuit.](#)