

STATE OF INDIANA

INDIANA UTILITY REGULATORY COMMISSION

VERIFIED PETITION OF INDIANAPOLIS)
 POWER & LIGHT COMPANY D/B/A AES)
 INDIANA PURSUANT TO IND. CODE § 8-1-)
 2.5-5 FOR PARTIAL COMMISSION)
 DECLINATION UNDER IND. CODE)
 CHAPTER 8-1-8.5 TO ISSUE A)
 CERTIFICATE OF PUBLIC CONVENIENCE) CAUSE NO. _____
 AND NECESSITY OR OTHERWISE)
 APPROVE A SOLAR GENERATION)
 PROJECT OF APPROXIMATELY 375 KWac)
 (384 KWdc) AND ALTERNATIVE REQUEST)
 FOR APPROVAL OF SAID SOLAR PROJECT)
 AS CLEAN ENERGY PROJECT)

AES INDIANA'S SUBMISSION OF ITS WORKPAPERS

Indianapolis Power and Light Company d/b/a AES Indiana ("AES Indiana" or "Petitioner"), by counsel, hereby submits its Workpapers in connection with its Prepared Direct Testimony and Attachments in this Cause.

Respectfully submitted,



Teresa Morton Nyhart (No. 14044-49)
 Lauren Aguilar (No. 33943-49)
 Barnes & Thornburg LLP
 11 South Meridian Street
 Indianapolis, Indiana 46204
 Nyhart Telephone: (317) 231-7716
 Aguilar Telephone: (317) 231-6474
 Facsimile: (317) 231-7433
 Nyhart Email: tnyhart@btlaw.com
 Aguilar Email: laguilar@btlaw.com

ATTORNEYS FOR PETITIONER
 INDIANAPOLIS POWER & LIGHT COMPANY
 D/B/A AES INDIANA

CERTIFICATE OF SERVICE

The undersigned certifies that the foregoing was served this 31st day of May, 2022 upon the following via electronic email, or First Class United States Mail, postage prepaid on:

T. Jason Haas
Kelly Earls
Office of Utility Consumer Counselor
115 W. Washington Street, Suite 1500 South
Indianapolis, Indiana 46204
THaas@oucc.IN.gov
KeEarls@oucc.IN.gov
infomgt@oucc.IN.gov



Lauren Aguilar

Teresa Morton Nyhart (No. 14044-49)
Lauren Aguilar (No. 33943-49)
Barnes & Thornburg LLP
11 South Meridian Street
Indianapolis, Indiana 46204
Nyhart Telephone: (317) 231-7716
Aguilar Telephone: (317) 231-6474
Facsimile: (317) 231-7433
Nyhart Email: tnyhart@btlaw.com
Aguilar Email: laguilar@btlaw.com

ATTORNEYS FOR PETITIONER
INDIANAPOLIS POWER & LIGHT COMPANY
D/B/A AES INDIANA

Energy Densities of Other Commission-Approved Solar Projects

Utility	Project	Nameplate Capacity (kWac)	Approximate Acres of Land	Energy Density (kWac per Acre)	Source
AES Indiana	Harding Street Solar Array	375	0.5	750	
CenterPoint	Spencer County Solar Project	50,000	300	167	Cause No. 45086, Order, p. 3.
AES Indiana	Petersburg Energy Center	250,000	1,740	144	Cause No. 45591, Pet. Ex. No. 2 (Cooper Direct), p. 17
NIPSCO	Fairbanks Project	250,000	1,800	139	Cause No. 45254, Pet. Ex. No. 1 (Pawelczyk Direct), p. 5
CenterPoint	Highway 41 Facility	2,000	15	133	Cause No. 44909, Pet. Ex. No. 1 (Sears Direct), pp. 5, 7-8
CenterPoint	Evansville Urban Facility	2,000	15	133	Cause No. 44909, Pet. Ex. No. 1 (Sears Direct), pp. 5, 7-8
CenterPoint	Posey County Solar Project	300,000	2,400	125	Cause No. 45549, Pet. Ex. No. 1 (Branam Direct), p. 4
NIPSCO	Elliot Solar Project	200,000	1,600	125	Cause No. 45543, Pet Ex. No. 1 (Branam Direct) p. 6
NIPSCO	Indiana Crossroads Project	200,000	1,600	125	Cause No. 45523, Pet. Ex. No. 1 (Brown Direct), p. 3
AES Indiana	Hardy Hills Solar	195,000	1,780	110	Cause No. 45493 Pet. Ex. No. 2 (Cooper Direct), p. 14
NIPSCO	Dunns Bridge Project II	435,000	4,400	99	Cause No. 45476, Pet. Ex. No. 1 (Melda Direct), p. 3
I&M	South Bend Solar Project	20,000	210	95	Cause No. 45245, Pet. Ex. No. 4 (DeRuntz Direct), p. 7
NIPSCO	Dunns Bridge Project I	265,000	3,200	83	Cause No. 45467, Pet. Ex. No. 1 (Melda Direct), pp. 3-4

Average (kWac per Acre)	123
High (kWac per Acre)	167
Low (kWac per Acre)	83