

# Federal and State Incentives for Building Decarbonization



### Things we won't cover in the next hour

- This is the money and financing hour-- I'll focus on Federal
- I've co-conspired with Monte Hilleman on how we want to divide this up
- Won't be talking building codes, but....
  - Want to acknowledge the important work Commerce is doing with many folks in the audience on standards and codes
  - There are new federal funding sources for codes work
  - Congrats to CEE for "Resilient and Efficient Codes Implementation" grant!
- Also won't be focusing on existing PACE work—but acknowledge ongoing efforts of St. Paul Port Authority

# Framework goal areas

Organizing our work

Commerce's primary focus



Clean transportation



Clean energy and efficient buildings



Climate-smart natural and working lands



Healthy lives and communities



Resilient communities



Clean economy

# MEASURES OF PROGRESS



# Clean energy and efficient buildings



By 2040, all of Minnesota's electricity is carbon-free.



By 2030, weatherize a quarter of dwellings where occupants earn 50% or less of the state median income.



By 2035, reduce emissions from existing buildings by 50% compared to 2005 levels.

## Minnesota has big climate plans (and big climate LAWS)



- Buy Clean, Buy Fair Minnesota
- 100% Carbon-Free Electricity by 2040
- Sustainable Building Guidelines Modifications
- Preference Order for Purchase of State Vehicles
- RDA Projects Subject to Prevailing Wage/Diversity Report
- Solar Reward Expansion
- Air Ventilation Program Act
- Auto dealers must employ personnel with knowledgeable of electric vehicles
- Utility Reporting Due Date Modification
- Repeal/Reinstatement of Intervenor Compensation Statute
- Electric Vehicle Deployment Program
- Strengthen MN Homes
- Customer's Access to Electricity Usage Data
- Transportation Electrification Plan
- Community Solar Garden Modifications
- Prairie Island Nuclear Power Plan Settlement Payments
- Distributed Solar Energy Standard
- Energy Storage Systems Deployment Target
- Utility Customer Dispute Resolution
- Definition of Low-Income Household
- Approval of Projects to Modernize Transmission and Distribution System
- Large Wind Energy Conversion System Certification of Need Exemption
- Modification of Threshold Requiring PUC Approval
- Commerce's Assessment Increase
- Compensation for Certain PUC Proceeding Participants
- State Competitiveness Fund
- State Competitiveness Fund 2.0
- Climate Innovation Finance Authority
- Commissioner authority to administrator Solar for Schools Program
- Pre-weatherization and Workforce Training Program
- Energy Benchmarking
- Electric School Bus Deployment Program
- Solar for School Modifications from Xcel to Commerce Department
- Solar on Public Building Program Establishment
- Energy Storage Incentive Program
- Distribute Energy Resources System Upgrade Program
- Electric Vehicle Rebates
- Dealers Grants to Cover cost manufacturer certification
- PACE Loan Program
- Residential Electrical Panel Upgrade Grant Program
- Residential Heat Pump Rebate Program
- Public Utility Diversity Reporting
- Energy Storage System Definition
- Conforming Changes to definition of large energy power facilities and site permit
- Gas and Hazardous Liquid Definitions Changes
- Greenhouse Gas Emission Reduction Goal Modifications
- Modification to Annual Report on Telecommunications Access Program
- Restriction on single family solar installations prohibited
- Extension of Sunset on Gas Utility Recovery of Infrastructure Costs





#### New State Funding

#### **Residential Programs**

- Total New Funding: \$59 million State / Over \$228 million Federal
  - PreWeatherization (available until expended; incorporate into existing program) (\$45.1 million + ongoing staffing)
    - PreWeatherization—Workforce Training
  - Strengthen MN Homes (2-year timeline for development) (\$1 million)
  - Residential Electric Panels Upgrade Grant Program (\$6 million)
  - Healthy AIR Program (\$300,000)
  - Residential Heat Pump Rebate Program (\$6 million)

#### State Funding

#### **Solar Programs**

- Community Solar Gardens (\$1.9 million over biennium; ongoing assessment)
- Solar for Schools (\$30.5 million new, expanded statewide)
- Solar on Public Buildings (\$5 million)

#### **Buildings Sector**

- Air Ventilation Program (\$1M)
- Energy Benchmarking (\$2M)
- Cannabis Facilities (\$160K)

#### Unlocking Federal Funds

State Competitiveness Fund

Grant development Assistance \$ 6,000,000

Matching funds for Federal Grants \$ 100,000,000

Grants to leverage tax credits and loans (for projects serving low-income communities) \$ 75,000,000

10/31/2023 63

#### Climate Investment Finance Authority

Climate Investment Finance Authority: a new \$ 45,000,000 Minnesota "Green Bank". (SF3035, Article 21, section 2)

#### **Statutory Direction**

- "To accelerate the deployment of clean energy projects, greenhouse gas emissions reductions projects and other qualified projects through the strategic deployment of public fund in the form of grants, loans, credit enhancements and other financing mechanisms..."
- New independent state agency to be set up starting fall 2023, to seek federal (IRA) Greenhouse House Reduction Funds

Additional focus on service to Disadvantaged, Low-income, or Tribal communities

10/31/2023 64

#### Minnesota has big climate plans

The Federal Government is here to help (honest)

10/31/2023 6

# Until recently, I had a different job

Dr. Pete Wyckoff

Senior Policy Advisor for Energy & Climate

Office of Senator Tina Smith







Infrastructure Investment & Jobs Act (IIJA)



Inflation Reduction Act (IRA)

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# Senator Smith- Rep. Blunt Rochester "Open Back Better Act of 2020"

#### Open Back Better Act of 2020 Senator Tina Smith (D-Minn.)

S.###: The Open Back Better Act of 2020 House Companion Lead: Representative Lisa Blunt Rochester (D-DE)

The Open Back Better Act of 2020 would provide stimulus funding to states, federal agencies, and tribes to upgrade public building infrastructure while:

- <u>Creating good jobs</u> doing <u>critical</u>, <u>long neglected upgrades</u> in our schools, hospitals, federal buildings, and other public facilities.
- Making these facilities <u>safe to re-open</u> via improvements to reduce threats from COVID 19 and improve
  indoor air quality.
- Prioritizing environmental justice through projects targeted at low-income, <u>COVID impacted</u> communities.
- · Reducing emissions and lowering operating costs by improving building energy efficiency.

As we begin to recover from current health and economic crises, we should ensure that we do not return to the status quo, but rather **Build Back Better** to become more resilient and prepared for future crises. Eligible facilities include federal, state, and local buildings such as schools, medical facilities, government buildings, education institutions, libraries, and any additional facilities approved by the Secretary of Energy.

The Open Back Better Act of 2020 would put hundreds of thousands of people back to work immediately while:

- Including prevailing wage requirements that will ensure that the jobs created will be good jobs.
- Leveraging funds with energy savings performance contracts or other ways to access private funding so
  that \$20 billion of federal investments could result in over \$100 billion of in investment

The Open Back Better Act of 2020 provides \$20 billion over 4 years for mission critical public infrastructure. The Open Back Better Act of 2020 operates through three existing Department of Energy (DOE) programs, saving the time that would be required to stand up new federal programs. Funding will be delivered through the DOE State Energy Program, DOE Federal Energy Management Program, and the DOE Office of Indian Energy. Past experience shows that these programs can deploy quickly and put people back to work while providing much needed infrastructure improvements.

Current Endorsements: National Association of State Energy Officials (NASEO), Insulators Union (HFIAW), Natural Resources Defense Council (NRDC), National Association of Energy Service Companies (NAESCO), Alliance to Save Energy, Federal Performance Contracting Coalition (FPCC), Minnesota Center for Energy and Environment (MNCEE).

- \$20 billion for public building energy efficiency and resiliency
- First introduced as a COVID stimulus bill
- Passed the House multiple times never passed the Senate
- Tried for IIJA and IRA— was in the IRA until the final cut, but did not make it

## IIJA funding for buildings

- One time \$3.5 billion addition to Weatherization Assistance Program
- \$250 million for the Affect Program at DOE (Federal Building Energy Efficiency)
- \$430 million for Energy Efficiency and Conservation Block Grant Program



#### Inflation Reduction Act of 2022 (IRA)



The Biggest Climate Action Law

**Ever** 

Anywhere in the World

## Science (30 June 2023)

#### INSIGHTS

#### **POLICY FORUM**

**ENERGY AND CLIMATE POLICY** 

# **Emissions and energy impacts** of the Inflation Reduction Act

Economy-wide emissions drop 43 to 48% below 2005 levels by 2035 with accelerated clean energy deployment

By John Bistline<sup>1</sup>, Geoffrey Blanford<sup>1</sup>, Maxwell Brown<sup>2</sup>, Dallas Burtraw<sup>3</sup>, Maya Domeshek<sup>3</sup>, Jamil Farbes<sup>4</sup>, Allen Fawcett<sup>5</sup>, Anne Hamilton<sup>2</sup>, Jesse Jenkins<sup>6</sup>, Ryan Jones<sup>4</sup>, Ben King<sup>7</sup>, Hannah Kolus<sup>7</sup>, John Larsen<sup>7</sup>, Amanda Levin<sup>8</sup>, Megan Mahajan<sup>9</sup>, Cara Marcy<sup>5</sup>, Erin Mayfield<sup>10</sup>, James McFarland<sup>5</sup>, Haewon McJeon<sup>11</sup>, Robbie Orvis<sup>9</sup>, Neha Patankar<sup>12</sup>, Kevin Rennert<sup>3</sup>, Christopher Roney<sup>1</sup>, Nicholas Roy<sup>3</sup>, Greg Schivley<sup>13</sup>, Daniel Steinberg<sup>2</sup>, Nadejda Victor<sup>14</sup>, Shelley Wenzel<sup>9</sup>, John Weyant<sup>15</sup>, Ryan Wiser<sup>16</sup>, Mei Yuan<sup>17</sup>, Alicia Zhao<sup>11</sup>

### The IRA ....135 distinct programs and tax credits

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Grants = $110 billion (capped)
Clean energy loans ~ $500 billion (capped)
Tax Credits ~ $700 billion to $1.2 trillion (uncapped, estimated)
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 "Direct Pay" for local governments, Tribes, and non-profits



# IRA Grants (\$110 billion)

10/31/2023 mn.gov/commerce 73

#### Residential Rebate Programs: HOMES

#### Rented, single-family, multifamily households

- Rebates for energy efficiency
- Whole-house approach; technology neutral
- Rebates based on energy savings:
  - \$2,000 for 20% energy savings
  - \$4,000 for 35% energy savings
  - Doubled for income-qualified households below 80% AMI

74

Note: NOT for new construction

#### Residential Rebate Programs: HEERA

Electric Load Service Center Upgrades*	\$4,000
Electric Stove, Cooktop, Range, and/or Oven	\$840
Electric Wiring	\$2,500
Heat Pump Clothes Dryer	\$840
Heat Pump Heating/Cooling	\$8,000
Heat Pump Water Heaters*	\$1,750
Insulation and Air Sealing	\$1,600

- Households below 80%
   AMI eligible for more funds
- Rented, single-family and multifamily eligible
- New construction eligible

Households > 150%
 AMI are not eligible;

<sup>\*</sup> New State level incentives may align

#### **Inflation Reduction Act** \$27 billion **EPA Greenhouse Reduction Fund** \$7 billion \$14 billion \$6 billion **Clean Communities National Clean Investment Investment Fund** Solar for All Accelerator Green Banks Developing hubs to Clean Energy For Deploying Clean States built capacity for **Energy Investments** disadvantaged communities

Clean Energy Projects Benefiting
Disadvantaged Communities and Reducing
Greenhouse Gas Emissions

#### Grants to fund Green Banks

#### Minnesota Funding Levels: HOMES and HEERA

HOMES: \$74,400,000

HEERA: \$74,000,000



# IRA Loans (\$500 billion)

#### Joe Biden's \$400 Billion Man

Jigar Shah, who runs the Energy Department's loan program, is trying to hand out a lot of money for green-technology projects, while navigating an unforgiving political environment

Scott Patterson Follow and Amrith Ramkumar Follow Updated July 3, 2023 12:05 am ET





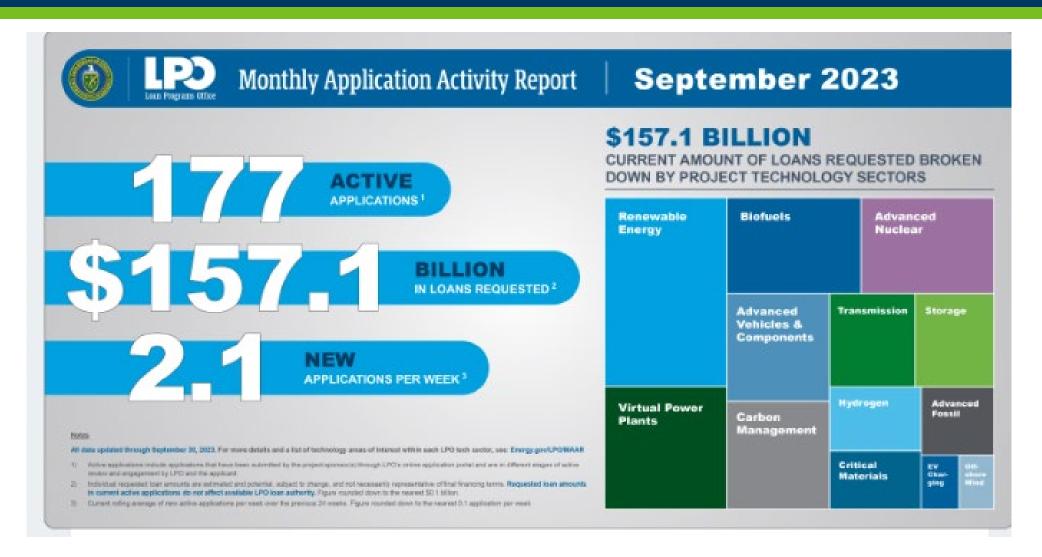


#### IRA funds increases DOE Loan Authority

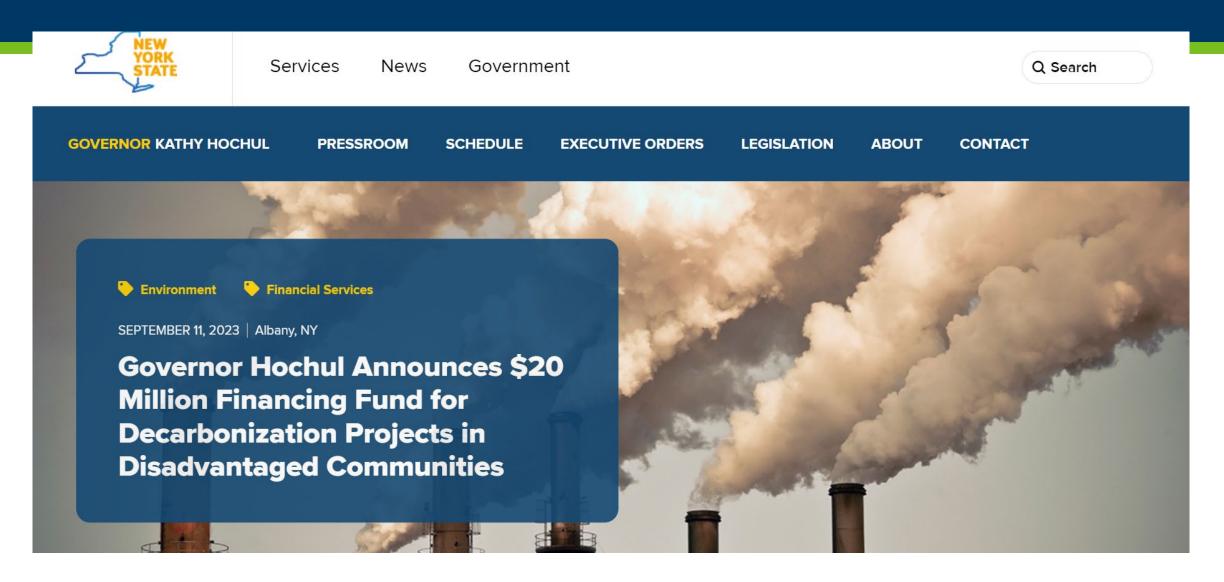


- 1) Innovative Clean Energy Loan Guarantees (\$80 billion)
  - "Innovative" Requirement waived if a State Green Bank also contributes to a project
- 2) Energy Infrastructure Reinvestment Program (\$250 billion)
  - Support utilities in transition to clean
- 3) Advanced Vehicle Manufacturing (\$40 billion)
- 4) Tribal Energy Loan Guarantee Program (\$20 billion)

#### Lots of loans in process



#### LPO can work with State Green Banks





# Tax Credits (\$700 Billion -\$1.2 Trillion, uncapped)

10/31/2023 mn.gov/commerce 83

# The Federal Government has a history of tax credits to encourage renewable energy deployment



Wind Production Tax Credit (PTC) since 1992



Solar Investment Tax Credit (ITC) since 2006

## **Expanded Tax Credits**

#### Tax credit provisions incentivize low- & no-carbon electricity

- Existing eligibility for PTC (wind) and ITC (solar) now broadened to allow both to use either tax credit
- Stand-alone energy storage projects can receive the ITC
- Expanded: geothermal, fuel cells, biomass, landfill gas, hydropower, combined heat and power
- Electric sector ITC/PTC for available until national emissions are <25% of 2022 emissions

### **Direct Pay Provisions**

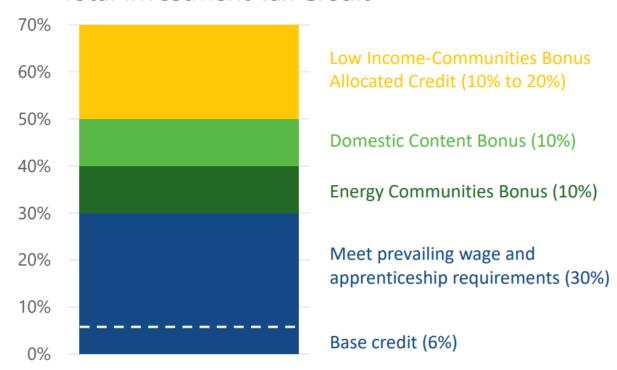
86

"Direct pay" allows tax-States exempt entities to capture tax Cities, Counties, Townships benefits **Tribal Nations** Non-profits Faith Communities Cooperative and Municipal Utilities Other governmental entities mn.gov/commerce 10/31/2023

#### Tax Credit Adders & Stacking

#### **Clean Energy Layer Cake**

#### Total Investment Tax Credit



A hypothetical 1 MW community solar facility costing \$1 million could earn a **70% tax credit** worth \$700,000

If it is owned by a tax-exempt entity, this could be a **direct cash payment** from the IRS

Applies to clean electricity investment and production tax credits, available till at least 2032

Slide Credit: Paul Donohoo-Vallet, US DOE

Idea credit Paul Horn, Inside Climate News



#### IRA Tax Credits- New Energy Efficient Home Credit (45L)

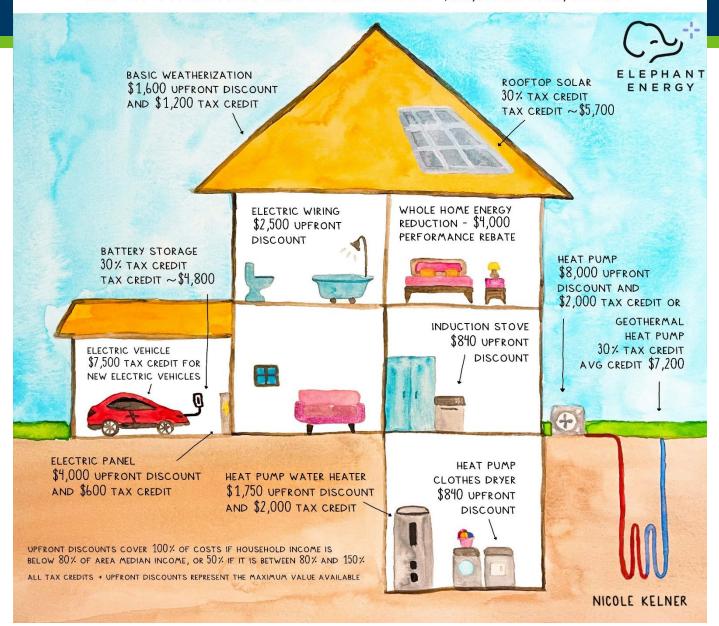
- For new or substantially reconstructed and rehabilitated single and multifamily homes
- Must meet ENERGY STAR (and Zero Energy Ready Home Program energy for full credit) efficiency standards
- Up to \$5000 per unit for multifamily buildings
  - \$2500 max if only ENERGY STAR
- Full credit requires prevailing wage and aprencticeships
- Can be used in conjunction with Low-Income Housing Tax Credit (LIHTC) without reducing LIHTC basis

# IRA expansion— Energy Efficient Commercial Buildings Deduction (179D)

- For commercial buildings and multi-family buildings >3 stories
- Buildings owned by government entities or Tribal governments also eligible
- For improvements to building envelope efficiency, HVAC, hot water systems, and interior lighting system
- Improvements must result in at least 25% energy and power cost savings
- Up to \$5 per square foot (increased from \$1.80 prior to IRA)
- Full value requires prevailing wage and apprenticeship provisions

#### POTENTIAL SAVINGS FROM THE IRA

BASED OFF A 4 PERSON HOME WITH A COMBINED INCOME OF \$150,000 IN DENVER, COLORADO



- IRA also has consumer and homeowner facing tax credits and rebates
- In Minnesota, the Federal Rebate programs will be administered by Commerce





# Sustainable Investment Group (SIG)

# Sustainability | Wellness | ESG Consulting & Engineering

#### **Monte Hilleman**

Vice President of Environmental Resiliency Compliance & Investment

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## Sustainable Investment Group (SIG)

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#### Consulting

- LEED Consulting (BD+C, ID+C, O+M, Campus, Communities)
- WELL | WELL HSR Consulting
- Fitwel | Fitwel VRM Consulting
- BREEAM Consulting & Assessments
- Gap Analysis & Feasibility Studies
- Exam Prep (LEED Green Associate, AP, WELLAP)
- Waste Audits

#### **ESG**

- ENERGY STAR & City Ordinance Benchmarking
- Materiality Assessments
- Annual ESG Reports
- Reporting Frameworks
  - GRESB
  - GRI
  - CDP
  - TCFD
  - SASB

#### **Engineering**

- Energy Modeling
- Decarbonization | Electrification | Net Zero Studies
- Commissioning (Cx)
- Retro-Commissioning (RCx)
- ASHRAE Level I-II Energy Audits
- Indoor Air Quality Testing
- Life Cycle Impact Assessments
- Daylight Modeling
- Local Law Compliance

### Climate Investment Solutions

- Inflation Reduction Act
  - Tax Credits & Deductions
  - Grants & Loans
  - Rebates
- Commercial Property Assessed Clean Energy (C-PACE)
- Utility & Local Government Incentives
- Green Financing Applicability & Feasibility
- Net Zero Proforma, Cash Flows, & Valuation Studies
- RECs & Carbon Offsets

#### **SIG Office Locations**



#### **SIG Clients**

OUR CLIENTS





Zeller Realty Group\*









































Gensler



















### **ESG Program Expertise**











#### **ESG Clients**

























ROCKEFELLER GROUP

## **SIG Highlights**

# SIG supports over <u>\$34B in Real Estate Assets</u> and provides Green Building services for <u>75M sf</u> annually.











- 400+ LEED Projects | 80M+ sf
- 120+ Energy Audits | 65M+ sf
- 160+ Energy Studies | 70M+ sf
- 15M+ sf Local Law 87/RCx work in NYC
- 50M+ sf Local Law 84 Benchmarking work in NYC
- 500+ ENERGY STAR Certifications (2021 & 2022) | 148M+ sf
- 90+ Commissioning Projects | 25M+ sf
- SIG LEED O+M Volume Prototype → 100 certified buildings | 66.5M sf



### Climate Investment Solutions

- Inflation Reduction Act
  - Tax Credits & Deductions
  - Grants & Loans
  - Rebates
- Commercial Property Assessed Clean Energy (C-PACE)
- Utility & Local Government Incentives
- Green Financing Applicability & Feasibility
- Net Zero Proformas, Cash Flows, & Valuation Studies
- **RECs & Carbon Offsets**



## Green Financing Tools

With over 20 years of commercial real estate and green financing experience, across hundreds of projects, we help you find the financial solutions to achieve your climate and sustainability goals.

The good news is there have NEVER BEEN MORE TOOLS!



#### INFLATION REDUCTION ACT

- Tax Credits & Deductions
- · Grants & Loans
- Rebates

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#### COMMERCIAL PROPERTY ASSESSED CLEAN ENERGY (C-PACE)

Upfront fixed-rate, long-term, cash flow positive financing for clean energy projects

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#### **LOCAL SUPPORT**

State, local government and utility incentives

03



#### PRODUCTS & SERVICES

- Green Financing Applicability
   Matrix & Feasibility Snapshot
- Net Zero Proformas
- After Tax Discounted Cash
   Flow Valuation Modeling

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# Green Financing Applicability Matrix





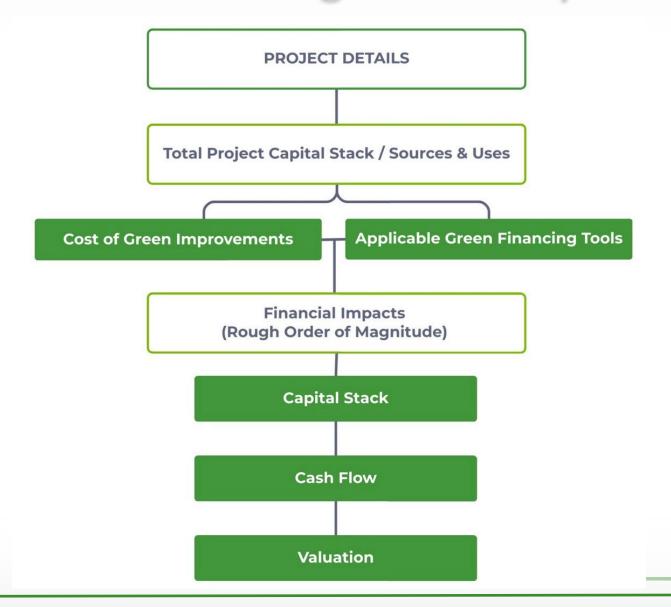
# Green Financing Applicability Matrix

	ASSET C	LASS							DEVELOPER MO	ODALITY											IMPACTS			TECHNOL	.OGY					
GREEN FINANCING TOOL	Retail	Office	Industria	Multi Family (Affordable)	Multi Family (Market Rate)	Hospitalit	y Specialt	Single Y Family	OWNER / OPERATOR (NEW CONST)	OWNER / OPERATOR (EXIST BLDG)	REIT	MERCHANT BUILDER	SPECULATIVE	LONG TERM HOLDER	BUILD- TO-SUIT	PORTFOLIO	NON PROFIT / TAX EXEMPT/ GOV'T (NOT FEDERAL)	GROSS LEASE	NET LEASE	TAX APPETITE	Capital Stack	Cash Flow Driver	Valuation Driver	SOLAR	WIND	HEAT PUMP (ASHP)	HEAT PUMP (GSHP)		THERMAL STORAGE	L ENERGY EFFICIENCY
Inflation Reduction Act																														
Tax Credits & Deductions																														
IRA Section 48 - Investment Tax Credit (ITC) Solar / Ground Source Heat Pumps / Energy Storage / EV charging																								х	х		х	х	х	
Elective Pay (aka Direct Pay)																	Х		X	LOW										
Transferability / Tax Credit Equity											х	Х							Х	LOW										
IRA Section 179D - Energy Efficient Commercial Bldgs Deduction	х	х	Х						x																					
IRA Section 179D - Designer Tax Deduction									х	х							х													
IRA Section 45L - Tax Credit for Energy Efficient Homes					х																									
Elective Pay (fka Direct Pay)																														
Transferability / Tax Credit Equity																														
IRA Section 25C - Tax Credit for Energy Efficiency Home Improvements																														
IRA Section 25D - Tax Credit for Residential Clean Energy (Solar, Storage, etc)																														
IRA Section 30C - EV/Alt Fuel Infrastructure																														
IRA Grants & Loans																														
EPA Green House Gas Reduction Fund (via states/local gov't)																														
HUD Green & Resilient Retrofit Program					х																									
DOE LPO's																														
PACE / Green Bank Financing									х	х	х	х			х	х														
Property Assessed Clean Energy Financing (PACE) 1-5	х	х	х																											
State Green Bank / Other 1-5																														
State incentives																														
IRA -> DOE -> States - Energy Efficiency & Electrification Rebates																														
Local incentives																														
Sustainability Bonds																														





# Green Financing Feasibility Snapshot

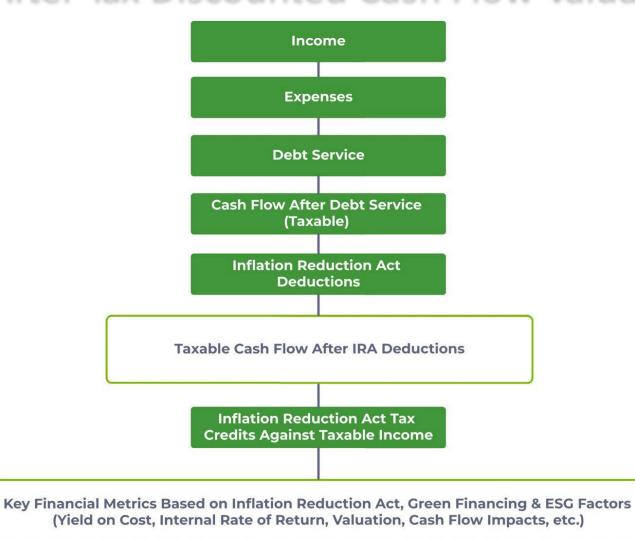




# **Green Financing Feasibility Snapshot**

CREENE	CONFIDENTIAL CLIENT 26 STORY MF RES'L INANCING FEASIBILITY	CONADCHOT								
GREEN FI	NANCING FEASIBILITY	SNAPSHOT	1			1	- Equity	_		PACE Financing
							Cost of Capital 20%			Cost of Capital: 1
REEN INVESTMENT IMPACTS apital Expenditures for Green Improvements	USES	SOURCES						25%	20%	(average)
	\$ 8,000,000	AND THE RESERVE OF THE PERSON NAMED IN COLUMN TO SERVE OF	DACE Financian					Sprintshirt.	- 23	
Energy Efficient Envelope HVAC Upgrades (GSHP - all electric)	\$ 5,000,000		PACE Financing 179D Deduction				Mezzanine Debt			Equity
Rooftop Solar	\$ 750,000	CONTRACTOR	ITC Tax Credit - Heat Pum	ne @ 30%			- Cost of Capital : 13%	_	****	Cost of Capital : :
Car Port Solar	\$ 1,250,000		ITC Tax Credit - Solar @ 30					10%	15%	
Battery Storage	\$ 1,000,000		ITC Tax Credit - Battery St					10000		
Total	\$ 16,000,000		45L Tax Credit	siago ag oo io						
	,,		EV Charging Credits							
		\$ 1,000,000	DOE-State EE Rebates (H	OMES program)						
		6,050,000								
							Senior Debt			
							Cost of Capital : 4.5%			
POTENTIAL SAVINGS								65%	65%	
		2								
APITAL STACK IMPACTS	-0.5 - 1.0%	Cost of Capital (Green Asset)								
		Potential Additional Tax Credits (ITC	C + 45L)	\$ 4,072,500	\$ 4,163,000					
				7						
			Conventional	Green Financing (Low)	Green Financing (High)					
	\$ 20,000,000	Potential Equity Replacement (PACE	E 20.00%		5.50%					
ONVENTIONAL FINANCING		i i i			GREEN FINANCING	1				
		-	Conventional Cost of				Green Cost of Capital	Green Cost of		Green Cost of
			Capital Expense				(Low)	Capital Expense	Canital (Mich)	Capital
roject Sources		Conventional Cost of Capital			Project Sources			(Low)		Expense (High)
Senior Debt	\$ 78,000,000		\$ 23,700,000		Senior Debt	\$ 78,000,000	6.00%	\$ 21,800,000		\$ 19,900,000
Mezzazine Debt	\$ 12,000,000	13.00%	\$ 7,500,000		Mezzazine Debt	s -	12.50%		12.00%	
PACE / Green Bank	S -		\$		PACE / Green Bank	\$ 20,000,000	6.00%	\$ 5,600,000	5.50%	\$ 5,000,000
	13	_	- *							
Tax Credit Equity	\$ -	1222	\$ -		Tax Credit Equity	\$ 4,072,500	111111			
Developer Equity	13	20.00%	\$ 29,600,000		Developer Equity	\$ 16,680,000	20.00%	\$ 16,500,000		\$ 16,500,000
	\$ - \$ 30,000,000 \$ -		\$ -			\$ 16,680,000 \$ 2,000,000	20.00%		20.00%	
Developer Equity	\$ -		\$ 29,600,000 \$ - \$ 60,800,000		Developer Equity	\$ 16,680,000	20.00%	\$ 16,500,000 \$ 43,900,000	20.00%	\$ 16,500,000 \$ 41,400,000
Developer Equity	\$ - \$ 30,000,000 \$ -		\$ -		Developer Equity	\$ 16,680,000 \$ 2,000,000	20.00%		20.00%	
Developer Equity	\$ - \$ 30,000,000 \$ -		\$ -	GreenFinancing (Low)	Developer Equity Other (rebates/grants/etc)	\$ 16,680,000 \$ 2,000,000	20.00%		20.00%	
Developer Equity Other (grants/etc)	\$ - \$ 30,000,000 \$ - \$ 120,000,000	0	\$ 60,800,000 Conventional	GreenFinancing (Low) \$ 14,745,600	Developer Equity Other (rebates/grants/etc) Green Financing High	\$ 16,680,000 \$ 2,000,000	20.00%		20.00%	
Developer Equity Other (grants/etc)	\$ - \$ 30,000,000 \$ -		\$ -	\$ 14,745,600	Developer Equity Other (rebates/grants/etc) Green Financing High	\$ 16,680,000 \$ 2,000,000	20.00%		20.00%	
Developer Equity Other (grants/etc)	\$ - \$ 30,000,000 \$ - \$ 120,000,000	Net Operating Income	\$ 60,800,000 Conventional \$ 14,400,000	\$ 14,745,600 \$ 327,680,000	Developer Equity Other (rebates/grants/etc)  Green Financing High \$ 15,206,400 \$ 337,920,000	\$ 16,680,000 \$ 2,000,000	20.00%		20.00%	
Developer Equity Other (grants/etc)	\$ - \$ 30,000,000 \$ - \$ 120,000,000	Net Operating Income	\$ 60,800,000 Conventional \$ 14,400,000	\$ 14,745,600	Developer Equity Other (rebates/grants/etc)  Green Financing High \$ 15,206,400 \$ 337,920,000	\$ 16,680,000 \$ 2,000,000	20.00%		20.00%	
Developer Equity Other (grants/etc)	\$ - \$ 30,000,000 \$ - \$ 120,000,000	Net Operating Income	\$ 60,800,000 Conventional \$ 14,400,000	\$ 14,745,600 \$ 327,680,000 \$ 7,680,000	Developer Equity Other (rebates/grants/etc)  Green Financing High \$ 15,206,400 \$ 337,920,000 \$ 17,920,000	\$ 16,680,000 \$ 2,000,000	20.00%		20.00%	
Developer Equity Other (grants/etc)  ASH FLOW IMPACTS	\$ - \$ 30,000,000 \$ - \$ 120,000,000	Net Operating Income Indicative Valuation	\$ 60,800,000  Conventional \$ 14,400,000 \$ 320,000,000	\$ 14,745,600 \$ 327,680,000 \$ 7,680,000 GreenFinancing (Low)	Developer Equity Other (rebates/grants/etc)  Green Financing High \$ 15,206,400 \$ 337,920,000	\$ 16,680,000 \$ 2,000,000	20.00%		20.00%	
Developer Equity Other (grants/etc)	\$ 30,000,000 \$ 120,000,000 2.4% - 5.6%	Net Operating Income	\$ 60,800,000  Conventional \$ 14,400,000 \$ 320,000,000  Conventional	\$ 14,745,600 \$ 327,680,000 \$ 7,680,000 GreenFinancing (Low) 4.25%	Developer Equity Other (rebates/grants/etc)  Green Financing High \$ 15,206,400 \$ 337,920,000 \$ 17,920,000  GreenFinancing High 4.0%	\$ 16,680,000 \$ 2,000,000	20.00%		20.00%	
Developer Equity Other (grants/etc)  ASH FLOW IMPACTS	\$ 30,000,000 \$ 120,000,000 2.4% - 5.6%	Net Operating Income Indicative Valuation	\$ 60,800,000  Conventional \$ 14,400,000 \$ 320,000,000  Conventional 4.5%	\$ 14,745,600 \$ 327,680,000 \$ 7,680,000 GreenFinancing (Low) 4.25%	Developer Equity Other (rebates/grants/etc)  Green Financing High \$ 15,206,400 \$ 337,920,000 \$ 17,920,000  GreenFinancing High 4,0% \$ 360,000,000	\$ 16,680,000 \$ 2,000,000	20.00%		20.00%	
Developer Equity Other (grants/etc)  ASH FLOW IMPACTS	\$ 30,000,000 \$ 120,000,000 2.4% - 5.6%	Net Operating Income Indicative Valuation	\$ 60,800,000  Conventional \$ 14,400,000 \$ 320,000,000  Conventional 4.5%	\$ 14,745,600 \$ 327,680,000 \$ 7,680,000 GreenFinancing (Low) 4.25% \$ 338,823,529	Developer Equity Other (rebates/grants/etc)  Green Financing High \$ 15,206,400 \$ 337,920,000 \$ 17,920,000  GreenFinancing High 4,0% \$ 360,000,000	\$ 16,680,000 \$ 2,000,000	20.00%		20.00%	
Developer Equity Other (grants/etc)	\$ 30,000,000 \$ 120,000,000 2.4% - 5.6%	Net Operating Income Indicative Valuation	\$ 60,800,000  Conventional \$ 14,400,000 \$ 320,000,000  Conventional 4.5%	\$ 14,745,600 \$ 327,680,000 \$ 7,680,000 GreenFinancing (Low) 4.25% \$ 338,823,529	Developer Equity Other (rebates/grants/etc)  Green Financing High \$ 15,206,400 \$ 337,920,000 \$ 17,920,000  GreenFinancing High 4,0% \$ 360,000,000	\$ 16,680,000 \$ 2,000,000	20.00%		20.00%	
Developer Equity Other (grants/etc)	\$ - 30,000,000 \$ - 120,000,000 2.4% - 5.6%	Net Operating Income Indicative Valuation	\$ 60,800,000  Conventional \$ 14,400,000 \$ 320,000,000  Conventional 4.5% \$ 320,000,000	\$ 14,745,600 \$ 327,680,000 \$ 7,680,000 GreenFinancing (Low) 4.25% \$ 338,823,529 \$ 18,823,529	Developer Equity Other (rebates/grants/etc)  Green Financing High \$ 15,206,400 \$ 337,920,000 \$ 17,920,000  GreenFinancing High 4,0% \$ 360,000,000	\$ 16,680,000 \$ 2,000,000	20.00%		20.00%	
Developer Equity Other (grants/etc)  CASH FLOW IMPACTS	\$ - 30,000,000 \$ - 120,000,000 2.4% - 5.6%	Net Operating Income Indicative Valuation	\$ 60,800,000  Conventional \$ 14,400,000 \$ 320,000,000  Conventional 4.5% \$ 320,000,000	\$ 14,745,600 \$ 327,680,000 \$ 7,680,000 GreenFinancing (Low) 4.25% \$ 338,623,529 \$ 18,823,529	Developer Equity Other (rebates/grants/etc)  Green Financing High \$ 15,206,400 \$ 337,920,000 \$ 17,920,000  GreenFinancing High 4,0% \$ 360,000,000	\$ 16,680,000 \$ 2,000,000	20.00%		20.00%	
Developer Equity	\$ - 30,000,000 \$ - 120,000,000 2.4% - 5.6%	Net Operating Income Indicative Valuation  Exit Cap Rate  FINANCING FEASIBILITY SNAPSHOT Cost of Capital Savings	\$ 60,800,000  Conventional \$ 14,400,000 \$ 320,000,000  Conventional 4.5% \$ 320,000,000	\$ 14,745,600 \$ 327,680,000 \$ 7,680,000 GreenFinancing (Low) 4.25% \$ 338,823,529 \$ 18,823,529 \$ HIGH \$ 19,400,000	Developer Equity Other (rebates/grants/etc)  Green Financing High \$ 15,206,400 \$ 337,920,000 \$ 17,920,000  GreenFinancing High 4,0% \$ 360,000,000	\$ 16,680,000 \$ 2,000,000	20.00%		20.00%	
Developer Equity Other (grants/etc)  CASH FLOW IMPACTS	\$ - 30,000,000 \$ - 120,000,000 2.4% - 5.6%	Net Operating Income Indicative Valuation  Exit Cap Rate	\$ 60,800,000  Conventional \$ 14,400,000 \$ 320,000,000  Conventional 4.5% \$ 320,000,000  LOW \$ 16,900,000	\$ 14,745,600 \$ 327,680,000 \$ 7,680,000 GreenFinancing (Low) 4.25% \$ 338,823,529 \$ 18,823,529 \$ HIGH \$ 19,400,000 \$ 17,920,000	Developer Equity Other (rebates/grants/etc)  Green Financing High \$ 15,206,400 \$ 337,920,000 \$ 17,920,000  GreenFinancing High 4,0% \$ 360,000,000	\$ 16,680,000 \$ 2,000,000	20.00%		20.00%	

### Net Zero Proformas & **After Tax Discounted Cash Flow Valuations**







### Net Zero Proformas & After Tax Discounted Cash Flow Valuations

	CASH FLOW ANALYSIS	RATES								
			ACQUISITION	CONSTRUCTION	LEASE-UP	STABILIZATION				
CONVENTIONAL	1					YEAR 1	YEAR 11			
CONVENTIONAL	YEAR ENDING		2023	2024	2025	2026	2036			
INCOME - EXPENSES =	OCCUPANCY			0%	50%	100%	100%			
NOI - D/S = CFADS	INCOME					INFLATION				
	OFFICE			\$0	\$214,200	\$428,400	\$522,217			
	WAREHOUSE			\$0	\$642,600	\$1,285,200	\$1,566,652			
	ADDITIONAL RECOVERABLE RENTAL INCOME (NNN)				\$151,500	\$1,041,841	\$1,269,998			
	GROSS POTENTIAL INCOME			\$0	\$1,008,300	\$2,755,441	\$3,358,867			
	TIF INCREMENT				7-77	V-,,	4-44			
	VACANCY	0.00%		\$0		\$0	\$0			
	CAPITAL RESERVE	2.50%					72			
	EFFECTIVE GROSS INCOME	2.5070		\$0	\$1,008,300	\$2,755,441	\$3,358,867			
	ETTERNE GROSS INCOME				\$1,000,500	92,733,111	42,230,007			
	RECOVERABLE EXPENSES				INFLATION	2.00%				
	COMMON AREA MAINT	\$1.00		(\$84,000)	(\$151,200)	(\$168,000)	(\$204,791)			
	PROPERTY TAXES	31.00		\$0	(\$402,649)	(\$805,297)	(\$981,653)			
	PROPERTY ASSESSMENTS (inc. PACE)			20	(\$402,045)	(5005,257)	(2301,033)			
	UTILITIES									
	MANAGEMENT FEES	4.00%		\$0	(\$40,332)	(\$68,544)	(\$83,555)			
	NON-RECOVERABLE ADMIN FEE (\$1,000/MONTH)	4,00%		(\$6,000)	(340,332)	(500,344)	(505,555)			
	TOTAL EXPENSES			(\$90,000)	(\$594,181)	(\$1,041,841)	(\$1,269,998)			
	TOTAL EXPENSES			(000,000)	(\$334,181)	(\$1,041,841)	(\$1,209,998)			
	NET OPERATING INCOME (BEFORE D/S & TAX)			(\$90,000)	\$414,119	\$1,713,600	\$2,088,869	\$21,266,430		
	HET OF ENATING INCOME (BEFORE D/3 & IAK)			(230,000)	3414,113	\$1,713,000	\$2,000,003	321,200,430		
	DEBT SERVICE									
	INTEREST			CONST. LOAN	CONST. LOAN	(\$985,253)	(\$769,618)			
	PRINCIPAL			CONST. LOAN	CONST. LOAN	\$ (510,869.66)	(\$862,516)			
	CASH FLOW AFTER DEBT SERVICE (TAXABLE)				\$414,119	\$217,477	\$456,734	\$3,448,964		
$\overline{}$										
ONVENTIONAL	PRELIMINARY TAX RATE	21%								
ORPORATE TAXES	PRELIMINARY TAXES				(\$86,965)	(\$45,670)	(\$95,914)	(\$724,282)		
					YEAR	1	11			
ONVENTIONAL DCF	* CASH FLOW AFTER DEBT SERVICE + AFTER TAX (PRE_GF)				\$ 327,154	\$ 171,807	\$ 360,820	\$ 2,724,681	\$2,724,681	
ALUATION		'	'	<b>'</b>				REVERSION CASH FLOW		
	CASH FLOWS FOR VALUATION					\$ 171,807				
	PRESENT VALUES					\$ 163,625				
	DISCOUNTED PROPERTY VALUE				\$ 5,931,629	1				
	DIDCOURTED PROPERTY VALUE				2 3,331,023					

### Net Zero Proformas & After Tax Discounted Cash Flow Valuations

POST IN A PERMISTIONS	INFEATION REDUCTION ACT DEDUCTIONS AGAINST TAKA	nis e microkat raicosi e	ACH EMPRINCECS						
POST IRA DEDUCTIONS	179d Energy Efficient Comml Bldgs Deduction (New					\$176,400			
TAXABLE CASHFLOW & TAXES DUE	1790 Energy Entitlent Commit Blugs Deduction (New	Commi 3 3.00 p	et ar			3170,400			
& TAKES DOE	Bonus Depreciation			Dep Basis	\$ 1,725,000				
				Bonus Dep	\$ 690,000				
	Accelerated Depreciation (Solar 1.44MwDC)			Accel Dep	\$ 207,000				
				Tax Liability	\$ 179,400				
	* CASH FLOW AFTER IRA DEDUCTIONS / DEPRECIATION (TA	AXABLE) - NOT FOR V	ALUATION		\$ 58,319	\$ 41,077	\$ 456,734	\$ 2,916,764	
	PRELIMINARY TAX RATE	21%							
	PRELIM TAXES DUE (POST IRA DEDUCTIONS / PRE IRA CR	EDITS)			(\$12,247)	(\$8,626)	(\$95,914)	(\$612,520)	
	* 64611 51 0111 45750 0507 5501165 - 45750 104 0501167104				- 10-10-10-10-12-12-12-12-12-12-12-12-12-12-12-12-12-		tarrerri		4 252224
	* CASH FLOW AFTER DEBT SERVICE + AFTER IRA DEDUCTION	NS + AFTER TAXES DU	E		346,072	32,451	\$ 360,820	5 2,304,243	\$ 3,529,284
$\overline{}$	IRA Tax Credits Against Taxes Due	-							
ITA TAX CREDIT	Ground Source Heat Pump	50%	\$ 506,182	\$ 384,852					
UTILIZATION AGAINST	Federal ITC Rooftop Solar	50%	\$ 1,152,000						
TAXES DUE + TAX	Battery Storage	50%	\$ 250,000	\$ 250,000					
CREDIT EQUITY	EV Charging Infrastrcture		\$ 100,000	\$ 100,000				A	DD'TL TAX CREDIT EQUITY AVAILABLE FOR SALE
AVAILABLE	Total IRA Tax Credits		\$ 2,008,182	\$ 1,886,852	\$12,247	\$8,626	\$95,914	\$ 612,520	\$ 1,395,662
	CASH FLOW AFTER DEBT SERVICE + AFTER IRA DEDUCTION     CASH FLOWS FOR VALUATION	NS + AFTER TAX - TAX	CREDITS		YEAR \$ 414,119			\$ 3,448,964 REVERSION CAS	H FLOW
AFTER TAX DCF	CASH FLOWS FOR VALUATION PRESENT VALUES	NS + AFTER TAX - TAX	CREDITS			\$ 217,477 \$ 217,477 \$ 207,121			H FLOW
AFTER TAX DCF	CASH FLOWS FOR VALUATION	NS + AFTER TAX - TAX	CREDITS		\$ 414,119 \$ 7,508,391	\$ 217,477			H FLOW
AFTER TAX DCF	CASH FLOWS FOR VALUATION PRESENT VALUES	NS + AFTER TAX - TAX	СКЕТ			\$ 217,477			H FLOW
	CASH FLOWS FOR VALUATION PRESENT VALUES		СПЕСТ	CAPITAL		\$ 217,477			H FLOW
AFTER TAX DCF VALUATION	CASH FLOWS FOR VALUATION PRESENT VALUES DISCOUNTED PROPERTY VALUE		100.00%	CAPITAL (\$2,000,000)		\$ 217,477	\$9,134,690		H FLOW
AFTER TAX DCF VALUATION  PRE VS POST GREEN	CASH FLOWS FOR VALUATION PRESENT VALUE DISCOUNTED PROPERTY VALUE  PRE GREEN FINA NET CASH FLOW: OWNER1 NET CASH FLOW: OWNER2		100.00% 0.00%		\$ 7,508,391	\$ 217,477 \$ 207,121	\$9,134,690	REVERSION CAS	H FLOW
AFTER TAX DCF VALUATION  PRE VS POST GREEN	CASH FLOWS FOR VALUATION PRESENT VALUES DISCOUNTED PROPERTY VALUE  PRE GREEN FINA NET CASH FLOW: OWNER1 NET CASH FLOW: OWNER2 EQUITY IRR (OWNER1)		100.00% 0.00% 4.54%		\$ 7,508,391 \$ 327,154	\$ 217,477 \$ 207,121 \$ 171,807	\$9,134,690 \$ 360,820	REVERSION CAS	H FLOW
AFTER TAX DCF VALUATION  PRE VS POST GREEN	CASH FLOWS FOR VALUATION PRESENT VALUE DISCOUNTED PROPERTY VALUE  PRE GREEN FINA NET CASH FLOW: OWNER1 NET CASH FLOW: OWNER2		100.00% 0.00%		\$ 7,508,391 \$ 327,154	\$ 217,477 \$ 207,121 \$ 171,807	\$9,134,690 \$ 360,820	REVERSION CAS	H FLOW
AFTER TAX DCF VALUATION  PRE VS POST GREEN	CASH FLOWS FOR VALUATION PRESENT VALUES DISCOUNTED PROPERTY VALUE  PRE GREEN FINA NET CASH FLOW: OWNER1 NET CASH FLOW: OWNER2 EQUITY IRR (OWNER1)		100.00% 0.00% 4.54%		\$ 7,508,391 \$ 327,154	\$ 217,477 \$ 207,121 \$ 171,807	\$9,134,690 \$ 360,820	REVERSION CAS	H FLOW
AFTER TAX DCF VALUATION  PRE VS POST GREEN	CASH FLOWS FOR VALUATION PRESENT VALUES DISCOUNTED PROPERTY VALUE  PRE GREEN FINA NET CASH FLOW: OWNER1 NET CASH FLOW: OWNER2 EQUITY IRR (OWNER1) EQUITY IRR (OWNER2)	ANCING	100.00% 0.00% 4.54%	(\$2,000,000)	\$ 7,508,391 \$ 327,154	\$ 217,477 \$ 207,121 \$ 171,807	\$9,134,690 \$ 360,820	REVERSION CAS	H FLOW
AFTER TAX DCF VALUATION  PRE VS POST GREEN	CASH FLOWS FOR VALUATION PRESENT VALUES DISCOUNTED PROPERTY VALUE  PRE GREEN FINAL NET CASH FLOW: OWNER1 NET CASH FLOW: OWNER2 EQUITY IRR (OWNER1) EQUITY IRR (OWNER2)  POST GREEN FINAL PROPERTY VALUE POST GREEN FINAL POST GREEN	ANCING	100.00% 0.00% 4.54% INUMI	(\$2,000,000) CAPITAL	\$ 7,508,391 \$ 327,154	\$ 217,477 \$ 207,121 \$ 171,807	\$9,134,690 \$ 360,820 \$0	\$ 2,724,681	H FLOW
AFTER TAX DCF VALUATION  PRE VS POST GREEN	CASH FLOWS FOR VALUATION PRESENT VALUES DISCOUNTED PROPERTY VALUE  PRE GREEN FINA NET CASH FLOW: OWNER1 EQUITY IRR (OWNER1) EQUITY IRR (OWNER2) POST GREEN FINA NET CASH FLOW: OWNER1	ANCING	100.00% 0.00% 4.54% MNUMI	(\$2,000,000)	\$ 7,508,391 \$ 327,154	\$ 217,477 \$ 207,121 \$ 171,807 \$0	\$9,134,690 \$ 360,820 \$0	REVERSION CAS	H FLOW
AFTER TAX DCF VALUATION  PRE VS POST GREEN	CASH FLOWS FOR VALUATION PRESENT VALUES DISCOUNTED PROPERTY VALUE  PRE GREEN FINA NET CASH FLOW: OWNER1 NET CASH FLOW: OWNER2 EQUITY IRR (OWNER1) EQUITY IRR (OWNER2)  POST GREEN FINA NET CASH FLOW: OWNER1 NET CASH FLOW: OWNER1 NET CASH FLOW: OWNER1	ANCING	100.00% 0.00% 4.54% MNUM!	(\$2,000,000) CAPITAL	\$ 7,508,391 \$ 327,154	\$ 217,477 \$ 207,121 \$ 171,807	\$9,134,690 \$ 360,820 \$0	\$ 2,724,681	H FLOW
AFTER TAX DCF VALUATION  PRE VS POST GREEN	CASH FLOWS FOR VALUATION PRESENT VALUES DISCOUNTED PROPERTY VALUE  PRE GREEN FINA  NET CASH FLOW: OWNER1  NET CASH FLOW: OWNER2  EQUITY IRR (OWNER1)  EQUITY IRR (OWNER2)  POST GREEN FINA  NET CASH FLOW: OWNER1  NET CASH FLOW: OWNER1  NET CASH FLOW: OWNER1  NET CASH FLOW: OWNER2  EQUITY IRR (OWNER1)	ANCING	100.00% 0.00% 4.54% INUM! 100.00% 0.00% 8.47%	(\$2,000,000) CAPITAL	\$ 7,508,391 \$ 327,154	\$ 217,477 \$ 207,121 \$ 171,807 \$0	\$9,134,690 \$ 360,820 \$0	\$ 2,724,681	H FLOW
AFTER TAX DCF VALUATION	CASH FLOWS FOR VALUATION PRESENT VALUES DISCOUNTED PROPERTY VALUE  PRE GREEN FINA NET CASH FLOW: OWNER1 NET CASH FLOW: OWNER2 EQUITY IRR (OWNER1) EQUITY IRR (OWNER2)  POST GREEN FINA NET CASH FLOW: OWNER1 NET CASH FLOW: OWNER1 NET CASH FLOW: OWNER1	ANCING	100.00% 0.00% 4.54% MNUM!	(\$2,000,000) CAPITAL	\$ 7,508,391 \$ 327,154	\$ 217,477 \$ 207,121 \$ 171,807 \$0	\$9,134,690 \$ 360,820 \$0	\$ 2,724,681	H FLOW
AFTER TAX DCF VALUATION  PRE VS POST GREEN	CASH FLOWS FOR VALUATION PRESENT VALUES DISCOUNTED PROPERTY VALUE  PRE GREEN FINA  NET CASH FLOW: OWNER1 NET CASH FLOW: OWNER2 EQUITY IRR (OWNER2)  POST GREEN FINA  NET CASH FLOW: OWNER1 NET CASH FLOW: OWNER1 NET CASH FLOW: OWNER1 NET CASH FLOW: OWNER1 EQUITY IRR (OWNER2)  EQUITY IRR (OWNER2)	ANCING	100.00% 0.00% 4.54% INUM! 100.00% 0.00% 8.47%	(\$2,000,000)  CAPITAL (\$2,000,000)	\$ 7,508,391 \$ 327,154 \$0 \$ 414,119	\$ 217,477 \$ 207,121 \$ 171,807 \$0	\$9,134,690 \$ 360,820 \$0	\$ 2,724,681	H FLOW
AFTER TAX DCF VALUATION  PRE VS POST GREEN	CASH FLOWS FOR VALUATION PRESENT VALUES DISCOUNTED PROPERTY VALUE  PRE GREEN FINA  NET CASH FLOW: OWNER1  NET CASH FLOW: OWNER2  EQUITY IRR (OWNER1)  EQUITY IRR (OWNER2)  POST GREEN FINA  NET CASH FLOW: OWNER1  NET CASH FLOW: OWNER1  NET CASH FLOW: OWNER1  NET CASH FLOW: OWNER2  EQUITY IRR (OWNER1)	ANCING	100.00% 0.00% 4.54% INUM! 100.00% 0.00% 8.47% INUM!	(\$2,000,000)  CAPITAL (\$2,000,000)	\$ 7,508,391 \$ 327,154 \$0 \$ 414,119	\$ 217,477 \$ 207,121 \$ 171,807 \$0	\$9,134,690 \$ 360,820 \$0	\$ 2,724,681	H FLOW
AFTER TAX DCF VALUATION  PRE VS POST GREEN	CASH FLOWS FOR VALUATION PRESENT VALUES DISCOUNTED PROPERTY VALUE  PRE GREEN FINA  NET CASH FLOW: OWNER1  NET CASH FLOW: OWNER2 EQUITY IRR (OWNER1) EQUITY IRR (OWNER2)  POST GREEN FINA  NET CASH FLOW: OWNER1  NET CASH FLOW: OWNER1  EQUITY IRR (OWNER1) EQUITY IRR (OWNER1) EQUITY IRR (OWNER2)	ANCING	100.00% 0.00% 4.54% MNUMI 100.00% 0.00% 8.47% MNUMI	(\$2,000,000)  CAPITAL (\$2,000,000)  ANNUAL VOLUME	\$ 7,508,391  \$ 327,154  \$0  \$ 414,119  ANNUAL COST	\$ 217,477 \$ 207,121 \$ 171,807 \$0	\$9,134,690 \$ 360,820 \$0	\$ 2,724,681	H FLOW
AFTER TAX DCF VALUATION  PRE VS POST GREEN	CASH FLOWS FOR VALUATION PRESENT VALUES DISCOUNTED PROPERTY VALUE  PRE GREEN FINA  NET CASH FLOW: OWNER1 NET CASH FLOW: OWNER2 EQUITY IRR (OWNER2)  POST GREEN FINA  NET CASH FLOW: OWNER1 NET CASH FLOW: OWNER1 NET CASH FLOW: OWNER1 NET CASH FLOW: OWNER1 EQUITY IRR (OWNER2)  EQUITY IRR (OWNER2)	ANCING	100.00% 0.00% 4.54% INUM! 100.00% 0.00% 8.47% INUM!	(\$2,000,000)  CAPITAL (\$2,000,000)	\$ 7,508,391 \$ 327,154 \$0 \$ 414,119	\$ 217,477 \$ 207,121 \$ 171,807 \$0	\$9,134,690 \$ 360,820 \$0	\$ 2,724,681	H FLOW

#### **Thank You! Questions?**

#### Contact











Monte Hilleman
Vice President of Environmental
Resiliency Compliance & Investment
Sustainable Investment Group (SIG)

