	Α	PPLICATION TYPE	FOR AGENCY USE ONLY	
Illinois Environmental Protection Agency Bureau of Air MC 40, P.O. Box 19276 Springfield IL 62794-9276			Date Received:	
		ial Application		
		newal Application		
		APPLYING FOR 1		
APPLICATION FOR CLEAN AIR SET-ASIDE:		nual allowances		
HIGHLY EFFICIENT GENERATION UNIT PROJECT		idai allowalices		
	│ □ Se	asonal allowances	CASA ID:	
SECTION 1:	PROJE	CT SPONSOR IDEN	ITIFICATION	
1) Project Sponsor:				
2) Principals Or Corporate Officials:				
3) Date Form Prepared: / / 4) Type Of Organization: Public Private Individual Other:				
5) CAIR NOx Annual Account Number:		6) CAIR NOx Seasonal A		
7) Authorized Account or Designated Representative:		8) Alternate Authorized Account or Designated Representative:		
9) Phone:		10) Email:		
Physic	al Locat	ion Of Project ²		
11) Address:		12) County:		
13) City:		14) State:	15) Zip Code:	
s	GNATU	RE BLOCK		
16) "Project Sponsor" means a person or an entity, including but not limited to the owner or operator of an EGU or a not-for-profit group that provides the majority of funding for a CASA eligible project, unless another person or entity is designated by a written agreement as the project sponsor for the purposes of applying for NOx allowances from the CASA pursuant to 35 IAC 225.130.				
I certify that the person or entity named in box 1 above meets the above definition of "project sponsor": ☐ YES ☐ NO				
17) "I am authorized to make this submission on behalf of the project sponsor and the holder of the CAIR NOx general account or compliance account for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this application and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information."				
BY:				
AUTHORIZED SIGNATURE		TITLE	OF SIGNATORY	

1. Complete a separate application for the request of annual or seasonal allowances.

TYPED OR PRINTED NAME OF SIGNATORY

- 2. The address where all correspondence shall be mailed.
- 3. Rounding is completed at the final calculation; for intermediate calculations record to the nearest ten thousandth (i.e., 4 places).

DATE

SEC	CTION 2:	PROJECT INFORMATION			
1)	Source Name:				
2)	Address:				
3)	City:	4) State: 5) Zip Code:			
6)	☐ Yes ☐ No ☐ N	lication, have there been changes to the operation from the previous submittal? /A Note: If this is a renewal application and there have been no changes to the vious submittal, only those items changing from year to year require updating.			
7)	Was the project installed Project (SEP)? ☐ Yes	ed pursuant to a result of a court order, consent decree, or Supplemental Environmental es No			
8)		aggregate more than one project?			
9)	Total number of allowa	ances applied for: Annual: or Seasonal:			
10)	Does the clean coal power generation unit include energy from incineration by burning or heating of waste wood, tires, garbage, general household, institutional lunchroom or office waste, landscape waste, or construction or demolition debris? Yes No				
11a)	Generation Unit Type:	☐ Combined Heat and Power ☐ Combined Cycle ☐ Microturbine			
	Specify if Other:				
11b) 12)		eration:eneration unit(s), attach additional sheets as necessary:			
ŕ	calculated, with support and operation of the neo	the electricity and/or useful thermal energy (UTE) was generated, measured, verified, and ting documentation as necessary. For UTE elaborate on the calibration, maintenance, cessary meters to measure and record the necessary data to express the useful thermal nBtu/hr, on a continuous basis, attach additional sheets as necessary:			

FUEL TYPE and FIRING RATE						
GASEOUS FUEL FIRING or N/A						
14a) Gaseous Fuel Type (check all that apply):						
Other Non-Biofuel,	Specify (Include Sup	plier):				
☐ Other Biofuel, Spec	cify (Include Supplier)):				
b) Typical Heat Content	(Btu/scf):	c) Actual Con	sumption (mmSC	F/Year):		
	LI	QUID FUEL	FIRING or N/A]		
15a) Liquid Fuel Type (check all that apply): Distillate Oil Specify No.:		Ethanol Specify Blend:		☐ Biodiesel Specify Blend:		☐ Gasoline
☐ Other Non-Biofuel,	Specify (Include Sup	plier):				
☐ Other Biofuel, Spec	cify (Include Supplier)):				
b) Typical Heat Content	(Btu/Gal):	c) Actual Con	sumption (Gal/Ye	ar):		
	S	OLID FUEL I	FIRING or N/A]		
16a) Solid Fuel Type (check all that apply): Coal (Sub-Bituminous, Bituminous, Lignite, Anthracite) Wood						
Other Non-Biofuel,	Specify (Include Sup	plier):				
☐ Other Biofuel, Spec	cify (Include Supplier)):				
b) Typical Heat Content	(Btu/lb):	c) Actual Con	sumption (Ton/Ye	ear):		
		L FIRING R	ATE INFORMATION	ON		
17a) Description (check all that apply):	☐ Internal Combustion Engine	☐ Simp	le Cycle Turbine	☐ Comb	oined Cycle Turbin	e 🗌 Boiler
	☐ Specify if Other:					
b) Rated Or Design Hea	at Input Capacity (Mi	llion Btu/Hr):				
c) Rated Or Design Pov	wer Output Capacity	(MWh):				
d) Complete the Heat Rate Contribution						
Following Table	Heat Content (HHV)	Consumption			Total mmBt	u
eg so on so						
ర్ల 2)						
Ending (1) (2)						
[발교 2)						
<u>e</u> = 1)						
S						
		е) Total Heat Inpu	t:		

RATED-ENERGY EFFICIENCY (REE)				
18) MWh _g = Megawatt-hour	(MWh)			
19) GO = Gross electrical o	(mmBtu)			
20) UTE = Amount of Usefu	(mmBtu)			
21) HI = Heat input, Line 19	е	(mmBtu)		
22) REE=((GO + UTE) /	HI) x 100	(%)		
Line 21 Line 22	Line 23			
23) Referring to Line 22, for	the highly efficient generation unit project, is the project:			
a) a combined heat and power projects generating both electricity and useful thermal energy for space, water, or industrial process heat, with a rated-energy				
 b) a combined cycle project efficiency of at least 50 p 	s rated at greater than 0.50 MW, with a rated-energy	☐ Yes ☐ No ☐ N/A		
<u> </u>	ed at or below 0.50 MW, with a rated-energy efficiency	☐ Yes ☐ No ☐ N/A		
d) an all other project, with	a rated-energy efficiency of at least 40 percent.	☐ Yes ☐ No ☐ N/A		
	ve an efficiency greater than the thresholds specified abounit project and thus eligible for CASA allowances.	ove to be considered as a highly		
emolent generation t	init project and thus engine for CASA anowances.			
SECTION 3:	TION 3: ALLOWANCE CALCULATIONS			
	Generating Unit One			
1) MWh _g = Megawatt-hours of	generated:	(MWh)		
2) ER = Annual Average NO	x Emission Rate based from CEM data:	(lbs. / MWh)		
Allowances = $(MWhg) x (1.0)$	Allowances			
Line 1	Line 2			
	Generating Unit Two or N/A			
3) MWh _g = Megawatt-hours of	generated:	(MWh)		
4) ER = Annual Average NO	x Emission Rate based from CEM data:	(lbs. / MWh)		
Allowances = $(MWhg) x (1.0)$	Allowances			
Line 3	Line 4			
	Generating Unit Three or N/A			
5) MWh _g = Megawatt-hours ((MWh)			
6) ER = Annual Average NO	(lbs. / MWh)			
Allowances = (MWhg) x (1.0	Allowances			
Line 5 Line 6				
	Generating Unit Four or N/A			
7) MWh _g = Megawatt-hours of	(MWh)			
8) ER = Annual Average NOx Emission Rate based from CEM data:		(lbs. / MWh)		
Allowances = (MWhg) x (1.0 lb/MWh – ER lb/MWh) / 2000 lb = Allowances				
Line 7	Line 8			