greenhouse energy system					In aanvraag					
			1	2	3	4	Totaal 3+4			
total size		75.000	18.750	18.750	18.750	18.750		m2		
light level			18.000	18.000	18.000	18.000		lux		
			220	220	220	220		umol/s		
air treatment					BaOpt	BaOpt				
grow Lights			traditional	traditional	traditional	hybrid				
	HD natrium		100%	100%	100%	71%				
	LED					29%				
reference Consumption	heat				37,94	37,94	37,94	Nm3 a.e. / m2		
	Elektra not for grow lights				8	8	8,00	kWh / m2		
	Electricity for lighting				350	350	350	kWh / m2		
	Total Electricity				358	358	358	kWh / m2		
	gas consumption				711.281	711.281	1.422.563	Nm3		
	Elektra				6.708.308	6.708.308	13.416.616	kWh		
	Primary energy				2.455.442	2.455.442	4.910.883	Nm3 a.e.		
savings potential	Heat				25%	25%	25%			
	Electricity for lighting				0%	10%	6%			
Consumption after saving	Heat				28,45	28,45	28,45	Nm3 a.e. / m2		28,45
	Elektra not face exposure				8	8	8	kWh / m2		
	Electricity for lighting				350	315	330	kWh / m2		
	Total Electricity				358	323	338	kWh / m2		
	gas consumption				533.461	533.461	1.066.922	Nm3 a.e.		
	Uitkoeling LT heat									
	electricity Consumption				6.708.308	6.052.477	12.760.785	kWh / m2		
	Primary energy						4.384.726	Nm3 a.e.		
	saving gas						355.641	Nm3 a.e.	25%	
	saving Electricity						655.831	kWh / m2	5%	
	Primary energy savings						526.157	Nm3 a.e.	10,7%	