

## SRI CALCULATION INPUT MATRIX / BASE CASE

INPUT DATA FOR CURRENT EPC	USE CASE	BUILDING 1			BUILDING 2			BUILDING 3			BUILDING 4			BUILDING 5			BUILDING 6			BUILDING 7			BUILDING 8			BUILDING 9			
	BUILDING	Residential / Non-Res.	Area GFA [m <sup>2</sup> ]	People No.	Residential / Non-Res.	Area GFA [m <sup>2</sup> ]	People No.	Residential / Non-Res.	Area GFA [m <sup>2</sup> ]	People No.	Residential / Non-Res.	Area GFA [m <sup>2</sup> ]	People No.	Residential / Non-Res.	Area GFA [m <sup>2</sup> ]	People No.	Residential / Non-Res.	Area GFA [m <sup>2</sup> ]	People No.	Residential / Non-Res.	Area GFA [m <sup>2</sup> ]	People No.	Residential / Non-Res.	Area GFA [m <sup>2</sup> ]	People No.	Residential / Non-Res.	Area GFA [m <sup>2</sup> ]	People No.	
	Key data	Residential	5768,91	115	Residential	1008,60	20	Residential	741,78	15	Residential	277,44	6	Residential	496,34	10	Residential	409,58	8	Residential	680,39	14	Non-Res.	4181,308	350	Residential	4659,00	93	
	Description	multi-storey res. building, 1990			multi-storey res. building, 1990			multi-storey res. building, pre-1918			multi-storey res. building, post 1945			multi-storey res. building, pre-1918			multi-storey res. building, post 1945			multi-storey res. building, post 1945			office building, 1980s			multi-storey res. building, 1960s ref.			
	BUILDING SYSTEMS	Type of system			Type of system			Type of system			Type of system			Type of system			Type of system			Type of system			Type of system			Type of system			
	Heating system	Gas boiler			Gas boiler			Gas boiler			Gas boiler			Gas boiler			Gas boiler			Gas boiler			Gas boiler			Gas boiler			
	Warm water system	Gas boiler			Gas boiler			Gas boiler			Gas boiler			Gas boiler			Gas boiler			Gas boiler			Gas boiler			Gas boiler			
	Cooling system	n/a			n/a			n/a			n/a			n/a			n/a			n/a			n/a			n/a			
	Power system	Grid			Grid			Grid			Grid			Grid			Grid			Grid			Grid			Grid			
	BUILDING ENERGY DEMAND	Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> ·a)]	Total Demand [kWh/a]		Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> ·a)]	Total Demand [kWh/a]		Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> ·a)]	Total Demand [kWh/a]		Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> ·a)]	Total Demand [kWh/a]		Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> ·a)]	Total Demand [kWh/a]		Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> ·a)]	Total Demand [kWh/a]		Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> ·a)]	Total Demand [kWh/a]		Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> ·a)]	Total Demand [kWh/a]		Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> ·a)]	Total Demand [kWh/a]		
Heating energy demand	90	519,202		80	80,688		135	100,140		139	38,564		135	67,006		130	53,245		130	88,451		30	125,439		110	512,490			
Warm water energy demand	13	74,996		13	13,112		13	9,643		13	3,607		13	6,452		13	8,845		13	8,845		5	20,907		13	60,567			
Cooling energy demand	n/a	n/a		n/a	n/a		n/a	n/a		n/a	n/a		n/a	n/a		n/a	n/a		n/a	n/a		30	n/a		n/a	n/a			
Technical systems energy demand	5	28,845		5	5,043		5	3,709		5	1,387		5	2,482		3	1,229		5	3,402		5	20,907		5	23,295			
Power demand	20	115,378		20	10,172		20	14,836		20	5,349		20	9,927		20	8,192		20	13,608		30	125,439		20	93,180			
ENERGY DEMAND / SOURCE	Source /m <sup>2</sup> [kWh/(m <sup>2</sup> ·a)]	BED [kWh/a]		Source /m <sup>2</sup> [kWh/(m <sup>2</sup> ·a)]	BED [kWh/a]		Source /m <sup>2</sup> [kWh/(m <sup>2</sup> ·a)]	BED [kWh/a]		Source /m <sup>2</sup> [kWh/(m <sup>2</sup> ·a)]	BED [kWh/a]		Source /m <sup>2</sup> [kWh/(m <sup>2</sup> ·a)]	BED [kWh/a]		Source /m <sup>2</sup> [kWh/(m <sup>2</sup> ·a)]	BED [kWh/a]		Source /m <sup>2</sup> [kWh/(m <sup>2</sup> ·a)]	BED [kWh/a]		Source /m <sup>2</sup> [kWh/(m <sup>2</sup> ·a)]	BED [kWh/a]		Source /m <sup>2</sup> [kWh/(m <sup>2</sup> ·a)]	BED [kWh/a]			
Electrical grid energy demand	25	144,223		25	25,215		25	18,545		25	6,936		25	12,409		23	9,420		25	17,011		35	146,341		25	116,475			
Thermal grid energy demand	103	594,197		93	93,799		148	109,783		152	42,171		148	73,458		143	58,570		143	97,296		65	271,785		123	573,057			
Gas grid energy demand	n/a	n/a		n/a	n/a		n/a	n/a		n/a	n/a		n/a	n/a		n/a	n/a		n/a	n/a		n/a	n/a		n/a	n/a			
Other (not grid connected)	n/a	n/a		n/a	n/a		n/a	n/a		n/a	n/a		n/a	n/a		n/a	n/a		n/a	n/a		n/a	n/a		n/a	n/a			
INPUT DATA FOR SRI	STORAGE TYPE	Capacity	Efficiency	Loss	Capacity	Efficiency	Loss	Capacity	Efficiency	Loss	Capacity	Efficiency	Loss	Capacity	Efficiency	Loss	Capacity	Efficiency	Loss	Capacity	Efficiency	Loss	Capacity	Efficiency	Loss	Capacity	Efficiency	Loss	
		SC [kWh]	η <sub>SC</sub> [%]	ζ <sub>SC</sub> [%]	SC [kWh]	η <sub>SC</sub> [%]	ζ <sub>SC</sub> [%]	SC [kWh]	η <sub>SC</sub> [%]	ζ <sub>SC</sub> [%]	SC [kWh]	η <sub>SC</sub> [%]	ζ <sub>SC</sub> [%]	SC [kWh]	η <sub>SC</sub> [%]	ζ <sub>SC</sub> [%]	SC [kWh]	η <sub>SC</sub> [%]	ζ <sub>SC</sub> [%]	SC [kWh]	η <sub>SC</sub> [%]	ζ <sub>SC</sub> [%]	SC [kWh]	η <sub>SC</sub> [%]	ζ <sub>SC</sub> [%]	SC [kWh]	η <sub>SC</sub> [%]	ζ <sub>SC</sub> [%]	
	Storage electrical	0	93	93	0,1	0	93	93	0,1	0	93	93	0,1	0	93	93	0,1	0	93	93	0,1	0	93	93	0,1	0	93	93	0,1
	Storage thermal	1,462	90	90	1	264	90	90	1	183	90	90	1	61	90	90	1	162	90	90	1	102	90	90	1	183	90	90	1
	Storage gas	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	STORAGE ACTIVITY	Activity coefficient	Time [d]		Activity coefficient	Time [d]		Activity coefficient	Time [d]		Activity coefficient	Time [d]		Activity coefficient	Time [d]		Activity coefficient	Time [d]		Activity coefficient	Time [d]		Activity coefficient	Time [d]		Activity coefficient	Time [d]		
		AC [n/a, 0,1,2]	[d]		AC [n/a, 0,1,2]	[d]		AC [n/a, 0,1,2]	[d]		AC [n/a, 0,1,2]	[d]		AC [n/a, 0,1,2]	[d]		AC [n/a, 0,1,2]	[d]		AC [n/a, 0,1,2]	[d]		AC [n/a, 0,1,2]	[d]		AC [n/a, 0,1,2]	[d]		
	Storage grid type electrical	0	1		0	1		0	1		0	1		0	1		0	1		0	1		0	1		0	1		
	Storage grid type thermal	n/a	1		n/a	1		n/a	1		n/a	1		n/a	1		n/a	1		n/a	1		n/a	1		n/a	1		
	Storage grid type gas	0	1		0	1		0	1		0	1		0	1		0	1		0	1		0	1		0	1		

## SRI CALCULATION RESULTS

[illegible]

SRI CALCULATION INPUT MATRIX / SCENARIO 1

INPUT DATA FOR CURRENT EPC	USE CASE	BUILDING 1			BUILDING 2			BUILDING 3			BUILDING 4			BUILDING 5			BUILDING 6			BUILDING 7			BUILDING 8			BUILDING 9		
	BUILDING	Residential / Non-Res.	Area GFA [m <sup>2</sup> ]	People No.	Residential / Non-Res.	Area GFA [m <sup>2</sup> ]	People No.	Residential / Non-Res.	Area GFA [m <sup>2</sup> ]	People No.	Residential / Non-Res.	Area GFA [m <sup>2</sup> ]	People No.	Residential / Non-Res.	Area GFA [m <sup>2</sup> ]	People No.	Residential / Non-Res.	Area GFA [m <sup>2</sup> ]	People No.	Residential / Non-Res.	Area GFA [m <sup>2</sup> ]	People No.	Residential / Non-Res.	Area GFA [m <sup>2</sup> ]	People No.			
	Key data	Residential	5768,91	115	Residential	1008,60	20	Residential	741,78	15	Residential	277,44	6	Residential	496,34	10	Residential	409,58	8	Residential	680,39	14	Non-Res.	4181,308	350	Residential	4659,00	93
	Description	multi-storey res. building, 1990			multi-storey res. building, 1990			multi-storey res. building, pre-1918			multi-storey res. building, post 1945			multi-storey res. building, pre-1918			multi-storey res. building, post 1945			multi-storey res. building, post 1945			office building, 1980s			multi-storey res. building, 1960s ref.		
	BUILDING SYSTEMS	Type of system			Type of system			Type of system			Type of system			Type of system			Type of system			Type of system			Type of system					
	Heating system	Gas boiler			Gas boiler			Gas boiler			Gas boiler			Gas boiler			Gas boiler			Gas boiler			Gas boiler					
	Warm water system	Gas boiler			Gas boiler			Gas boiler			Gas boiler			Gas boiler			Gas boiler			Gas boiler			Gas boiler					
	Cooling system	n/a			n/a			n/a			n/a			n/a			n/a			n/a			n/a					
	Power system	Grid			Grid			Grid			Grid			Grid			Grid			Grid			Grid					
	RESULTS FROM CURRENT EPC	BUILDING ENERGY DEMAND	Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	Total Demand [kWh/a]		Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	Total Demand [kWh/a]		Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	Total Demand [kWh/a]		Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	Total Demand [kWh/a]		Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	Total Demand [kWh/a]		Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	Total Demand [kWh/a]		Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	Total Demand [kWh/a]		Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	Total Demand [kWh/a]			
Heating energy demand		45	259.601		40	40.344		68	50.070		70	19.282		68	33.503		65	26.623		65	44.226		15	62.720				
Warm water energy demand		13	74.996		13	13.112		13	9.643		13	3.607		13	6.452		13	5.325		13	8.845		5	20.907				
Cooling energy demand		n/a	n/a		n/a	n/a		n/a	n/a		n/a	n/a		n/a	n/a		n/a	n/a		n/a	n/a		30	n/a				
Technical systems energy demand		5	28.845		5	5.043		5	3.709		5	1.387		5	2.482		3	1.229		5	3.402		5	20.907				
Power demand		20	115.378		20	20.172		20	14.836		20	5.549		20	9.927		20	8.192		20	13.608		30	125.439				
ENERGY DEMAND / SOURCE		Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BED [kWh/a]		Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BED [kWh/a]		Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BED [kWh/a]		Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BED [kWh/a]		Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BED [kWh/a]		Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BED [kWh/a]		Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BED [kWh/a]		Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BED [kWh/a]				
Electrical grid energy demand		25	144.223		25	25.215		25	18.545		25	6.936		25	12.409		23	9.420		25	17.010		35	146.346				
Thermal grid energy demand		58	334.597		53	53.456		81	59.713		83	22.889		81	39.955		78	31.947		78	53.071		50	209.065				
Gas grid energy demand		n/a	n/a		n/a	n/a		n/a	n/a		n/a	n/a		n/a	n/a		n/a	n/a		n/a	n/a		n/a	n/a				
INPUT DATA FOR SRI	Other (not grid connected)	n/a	n/a		n/a	n/a		n/a	n/a		n/a	n/a		n/a	n/a		n/a	n/a		n/a	n/a		n/a	n/a				
	STORAGE TYPE	Capacity	Efficiency	Loss	Capacity	Efficiency	Loss	Capacity	Efficiency	Loss	Capacity	Efficiency	Loss	Capacity	Efficiency	Loss	Capacity	Efficiency	Loss	Capacity	Efficiency	Loss	Capacity	Efficiency	Loss			
	Storage electrical	SC [kWh]	η <sub>SC</sub> [%]	η <sub>SC,loss</sub> [%]	ζ <sub>SC</sub> [%]	SC [kWh]	η <sub>SC</sub> [%]	η <sub>SC,loss</sub> [%]	ζ <sub>SC</sub> [%]	SC [kWh]	η <sub>SC</sub> [%]	η <sub>SC,loss</sub> [%]	ζ <sub>SC</sub> [%]	SC [kWh]	η <sub>SC</sub> [%]	η <sub>SC,loss</sub> [%]	ζ <sub>SC</sub> [%]	SC [kWh]	η <sub>SC</sub> [%]	η <sub>SC,loss</sub> [%]	ζ <sub>SC</sub> [%]	SC [kWh]	η <sub>SC</sub> [%]	η <sub>SC,loss</sub> [%]				
	Storage thermal	395	93	93	0,1	69	93	93	0,1	51	93	93	0,1	19	93	93	0,1	26	93	93	0,1	47	93	93	0,1			
	Storage gas	1.462	90	90	1	264	90	90	1	183	90	90	1	61	90	90	1	162	90	90	1	102	90	90	1			
	Storage grid type electrical	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a			
	STORAGE ACTIVITY	Activity coefficient	Time		Activity coefficient	Time		Activity coefficient	Time		Activity coefficient	Time		Activity coefficient	Time		Activity coefficient	Time		Activity coefficient	Time		Activity coefficient	Time				
	Storage grid type electrical	AC [n/a, 0,1,2]	[d]		AC [n/a, 0,1,2]	[d]		AC [n/a, 0,1,2]	[d]		AC [n/a, 0,1,2]	[d]		AC [n/a, 0,1,2]	[d]		AC [n/a, 0,1,2]	[d]		AC [n/a, 0,1,2]	[d]		AC [n/a, 0,1,2]	[d]				
	Storage grid type thermal	2	1		2	1		2	1		2	1		2	1		2	1		2	1		2	1				
	Storage grid type gas	1	1		1	1		1	1		1	1		1	1		1	1		1	1		1	1				
RESULTS FROM SRI	SRI electrical	0,61			0,61			0,61			0,61			0,63			0,61			0,61			0,61					
	SRI thermal	0,25			0,40			0,07			0,04			0,17			0,07			0,10			0,38					
	SRI gas	n/a			n/a			n/a			n/a			n/a			n/a			n/a			n/a					

SRI CALCULATION RESULTS

INPUT DATA FOR SRI	USE CASE	BUILDING 1	BUILDING 2	BUILDING 3	BUILDING 4	BUILDING 5	BUILDING 6	BUILDING 7	BUILDING 8	BUILDING 9
	STORAGE ACTIVITY	Activity coefficient AC [n/a, 0,1,2]	Activity coefficient AC [n/a, 0,1,2]	Activity coefficient AC [n/a, 0,1,2]	Activity coefficient AC [n/a, 0,1,2]	Activity coefficient AC [n/a, 0,1,2]	Activity coefficient AC [n/a, 0,1,2]	Activity coefficient AC [n/a, 0,1,2]	Activity coefficient AC [n/a, 0,1,2]	Activity coefficient AC [n/a, 0,1,2]
	Storage grid type electrical	2	2	2	2	2	2	2	2	2
	Storage grid type thermal	1	1	1	1	1	1	1	1	1
	Storage grid type gas	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
RESULTS FROM SRI	SRI / GRID TYPE	SRI / grid type [0-2]	SRI / grid type [0-2]	SRI / grid type [0-2]	SRI / grid type [0-2]	SRI / grid type [0-2]	SRI / grid type [0-2]	SRI / grid type [0-2]	SRI / grid type [0-2]	SRI / grid type [0-2]
	SRI electrical	0,61	0,61	0,62	0,61	0,61	0,63	0,63	0,61	0,61
	SRI thermal	0,25	0,40	0,07	0,04	0,17	0,07	0,10	0,38	0,13
	SRI gas	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

## SRI CALCULATION INPUT MATRIX / SCENARIO 2

INPUT DATA FOR CURRENT EPC	USE CASE	BUILDING 1			BUILDING 2			BUILDING 3			BUILDING 4			BUILDING 5			BUILDING 6			BUILDING 7			BUILDING 8			BUILDING 9				
	BUILDING	Residential / Non-Res.	Area GFA [m <sup>2</sup> ]	People No.	Residential / Non-Res.	Area GFA [m <sup>2</sup> ]	People No.	Residential / Non-Res.	Area GFA [m <sup>2</sup> ]	People No.	Residential / Non-Res.	Area GFA [m <sup>2</sup> ]	People No.	Residential / Non-Res.	Area GFA [m <sup>2</sup> ]	People No.	Residential / Non-Res.	Area GFA [m <sup>2</sup> ]	People No.	Residential / Non-Res.	Area GFA [m <sup>2</sup> ]	People No.	Residential / Non-Res.	Area GFA [m <sup>2</sup> ]	People No.	Residential / Non-Res.	Area GFA [m <sup>2</sup> ]	People No.		
	Key data	Residential	5768,91	115	Residential	1008,60	20	Residential	741,78	15	Residential	277,44	6	Residential	496,34	10	Residential	409,58	8	Residential	680,39	14	Non-Res.	4181,308	350	Residential	4559,00	93		
	Description	multi-storey res. building, 1990			multi-storey res. building, 1990			multi-storey res. building, pre-1918			multi-storey res. building, post 1945			multi-storey res. building, pre-1918			multi-storey res. building, post 1945			multi-storey res. building, post 1945			office building; 1980s			multi-storey res. building, 1960s ref.				
	BUILDING SYSTEMS	Type of system			Type of system			Type of system			Type of system			Type of system			Type of system			Type of system			Type of system			Type of system				
	Heating system	Gas boiler			Gas boiler			Gas boiler			Gas boiler			Gas boiler			Gas boiler			Gas boiler			Gas boiler			Gas boiler				
Warm water system	Gas boiler			Gas boiler			Gas boiler			Gas boiler			Gas boiler			Gas boiler			Gas boiler			Gas boiler			Gas boiler					
Cooling system	n/a			n/a			n/a			n/a			n/a			n/a			n/a			n/a			n/a					
Power system	Grid			Grid			Grid			Grid			Grid			Grid			Grid			Grid			Grid					
RESULTS FROM CURRENT EPC	BUILDING ENERGY DEMAND	Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	Total Demand [kWh/a]	Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	Total Demand [kWh/a]	Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	Total Demand [kWh/a]	Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	Total Demand [kWh/a]	Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	Total Demand [kWh/a]	Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	Total Demand [kWh/a]	Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	Total Demand [kWh/a]	Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	Total Demand [kWh/a]	Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	Total Demand [kWh/a]	Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	Total Demand [kWh/a]	Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	Total Demand [kWh/a]	Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	Total Demand [kWh/a]	Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	Total Demand [kWh/a]			
	Heating energy demand	9	51.920	8	8.069	14	10.014	14	3.856	14	6.701	13	5.325	13	8.845	3	12.544	11	51.249											
	Warm water energy demand	13	74.996	13	13.112	13	9.643	13	3.607	13	6.452	13	5.325	13	8.845	5	20.907	13	60.567											
	Cooling energy demand	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a											
	Technical systems energy demand	5	28.845	5	5.043	5	3.709	5	1.387	5	2.482	3	1.229	5	3.402	5	20.907	5	23.295											
	Power demand	20	115.378	20	10.172	20	14.836	20	5.349	20	9.927	20	13.608	20	13.608	20	125.439	20	93.180											
RESULTS FROM CURRENT EPC	ENERGY DEMAND / SOURCE	Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BED [kWh/a]	Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BED [kWh/a]	Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BED [kWh/a]	Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BED [kWh/a]	Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BED [kWh/a]	Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BED [kWh/a]	Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BED [kWh/a]	Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BED [kWh/a]	Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BED [kWh/a]	Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BED [kWh/a]	Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BED [kWh/a]	Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BED [kWh/a]	Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BED [kWh/a]			
	Electrical grid energy demand	25	144.223	25	25.215	25	18.545	25	6.936	25	12.409	23	9.420	25	17.010	35	146.346	25	116.475											
	Thermal grid energy demand	22	126.916	21	21.181	27	19.657	27	7.463	27	13.153	26	10.649	26	17.690	38	158.890	24	111.816											
	Gas grid energy demand	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a											
	Other (not grid connected)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a											
INPUT DATA FOR SRI	STORAGE TYPE	Capacity	Efficiency	Loss	Capacity	Efficiency	Loss	Capacity	Efficiency	Loss	Capacity	Efficiency	Loss	Capacity	Efficiency	Loss	Capacity	Efficiency	Loss	Capacity	Efficiency	Loss	Capacity	Efficiency	Loss	Capacity	Efficiency	Loss		
		SC [kWh]	η <sub>SRC</sub> [%]	ζ <sub>c</sub> [%]	SC [kWh]	η <sub>SRC</sub> [%]	ζ <sub>c</sub> [%]	SC [kWh]	η <sub>SRC</sub> [%]	ζ <sub>c</sub> [%]	SC [kWh]	η <sub>SRC</sub> [%]	ζ <sub>c</sub> [%]	SC [kWh]	η <sub>SRC</sub> [%]	ζ <sub>c</sub> [%]	SC [kWh]	η <sub>SRC</sub> [%]	ζ <sub>c</sub> [%]	SC [kWh]	η <sub>SRC</sub> [%]	ζ <sub>c</sub> [%]	SC [kWh]	η <sub>SRC</sub> [%]	ζ <sub>c</sub> [%]	SC [kWh]	η <sub>SRC</sub> [%]	ζ <sub>c</sub> [%]		
	Storage electrical	593	93	93	0,1	104	93	93	0,1	77	93	93	0,1	29	93	93	0,1	51	93	93	0,1	39	93	93	0,1	71	93	93	0,1	
	Storage thermal	1.462	90	90	1	264	90	90	1	183	90	90	1	61	90	90	1	162	90	90	1	102	90	90	1	183	90	90	1	
	Storage gas	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	STORAGE ACTIVITY	Activity coefficient		Time [d]	Activity coefficient		Time [d]	Activity coefficient		Time [d]	Activity coefficient		Time [d]	Activity coefficient		Time [d]	Activity coefficient		Time [d]	Activity coefficient		Time [d]	Activity coefficient		Time [d]	Activity coefficient		Time [d]	Activity coefficient	
Storage grid type electrical	2		1	2		1	2		1	2		1	2		1	2		1	2		1	2		1	2		1	2		1
Storage grid type thermal	2		1	2		1	2		1	2		1	2		1	2		1	2		1	2		1	2		1	2		1
Storage grid type gas	n/a		n/a	n/a		n/a	n/a		n/a	n/a		n/a	n/a		n/a	n/a		n/a	n/a		n/a	n/a		n/a	n/a		n/a	n/a		n/a

## SRI CALCULATION RESULTS

[illegible]