SRI CALCU	JLATION INPUT MATRIX / BA	ASE CASE																										
	USE CASE		BUILDING 1			BUILDING 2	2		BUILDING 3			BUILDING 4	1		BUILDING 5			BUILDING 6			BUILDING 7		BUILDING 8			BUILDING 9		
т ерс	BUILDING	Residential / Non-Res.	Area GFA [m <sup>2</sup> ]	People No.	Residential / Non-Res.	Area GFA [m²]	People No.	Residential / Non-Res.	Area GFA [m²]	People No.	Residential / Non-Res.	Area GFA [m²]	People No.	Residential / Non-Res.	Area GFA [m²]	People No.	Residential / Non-Res.	Area GFA [m²]	People No.	Residential / Non-Res.	Area GFA [m²]	People No.	Residential / Non-Res.	Area GFA [m²]	People No.	Residential / Non-Res.	Area GFA [m²]	People No.
E E	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
ä	Description		orey res. build			orey res. buil			ey res. buildin			ey res. buildin			ey res. buildin			ey res. buildin			ey res. building			ce building; 198			res. building	
FOR	BUILDING SYSTEMS		Type of system			Type of systen	n		Type of system		Type of system			Type of system			Type of system			Type of system		Type of system			Т	Type of system		
AT/	Heating system Gas boiler Gas boiler					<u> </u>	Gas boiler		Gas boiler			<u> </u>	Gas boiler		<u> </u>	Gas boiler		Gas boiler Gas boiler			Gas boiler Gas boiler			Gas boiler Gas boiler				
5	Warm water system Gas boiler Gas boiler							Gas boiler						Gas boiler			Gas boiler											
₽	Cooling system n/a n/a					<b> </b>	n/a		<b></b>	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 De [kWl		Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]		Demand Vh/a]	Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	Total De		Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	Total D	emand 'h/a]	Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	Total De [kWl		Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	Total De [kWl		Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	Total De		Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	Total Den [kWh/		Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	Total De [kWh	
EPC	Heating energy demand	90	519.2	202	80	80.	688	135	100.	140	139	38.	564	135	67.0	06	130	53.2	45	130	88.4	51	30	125.43	39	110	512.4	
눌	Warm water energy demand	13	74.9	996	13		112	13	9.6	43	13	3.6	07	13	6.4	52	13	5.3	25	13	8.84	45	5	20.90	17	13	60.5	67
RR	Cooling energy demand	n/a	n/		n/a			n/a	n/		n/a	n/a n/a		n/a		n/a		n/a n/a		n/a	n/a		30			n/a	n/a	
3	Technical systems energy demand	5	28.8		5	5.0		5	3.7			1.387				32	3	1.229		5	3.402		5			5	23.2	
0	Power demand	20	115.		20		172	20	14.8		20	5.5		20	9.9		20	8.1		20	13.6		30	125.43		20	93.1	
TS FR	ENERY DEMAND / SOURCE	Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BEC [kWl	h/a1	Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	ſkW	:D /h/a]	Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BEI [kW	h/al	Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BE [kW	D 'h/a]	Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BEI [kWl		Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BEI [kWl	h/al	Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BEC [kWi	h/al	Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BED [kWh/	/a]	Source /m² [kWh/(m²a)]	BED [kWh	
SUL	Electrical grid energy demand	25	144.	223	25	25.	215	25	18.5	45	25	6.9		25	12.4	09	23	9.4	20	25	17.0	10	35	146.34	46	25	116.4	475
22	Thermal grid energy demand	103	594.:		93		799	148	109.	783	152	42.	171	148	73.4	58	143	58.5		143	97.2	96	65	271.78	85	123	573.0	)57
	Gas grid energy demand	n/a	n/s		n/a		/a	n/a	n/		n/a	n,		n/a	n/		n/a	n/		n/a	n/		n/a	n/a		n/a	n/a	
	Other (not grid connected)	n/a	n/:	а	n/a	n	/a	n/a	n/	a	n/a	n,	/a	n/a	n/	3	n/a	n/	а	n/a	n/	a	n/a	n/a		n/a	n/a	3
≅	STORAGE TYPE	Capacity SC [kWh]	Page 1 P	Loss ζsc [%]	Capacity SC [kWh]	ηsc(c) ηsc(b)	Loss ζsc [%]	Capacity SC [kWh]	Page 1 (a)	Loss ζsc [%]	Capacity SC [kWh]	Page 1 (19/1	Loss ζsc [%]	Capacity SC [kWh]	ηsc(c) ηsc(b)	Loss ζsc [%]	Capacity SC [kWh]	Page 1 (a)	Loss ζsc [%]	Capacity SC [kWh]	fficiency ηsc(c) ηsc(b) γsc(c) ηsc(b)	Loss ζsc [%]	Capacity SC [kWh]	ηsc(c) ηsc(b)	Loss ζsc [%]	Capacity SC [kWh]	Efficiency η <sub>SC(C)</sub> η <sub>SC(D)</sub>	Loss Çsc [%]
A FOR S	Storage electrical Storage thermal	0 1.462	93 93 90 90	0,1 1	0 264	93 93 90 90	0,1 1	0 183	90 90	0,1 1	0 61	93 93 90 90	0,1 1	0 162	93 93 90 90	0,1 1	0 102	93 93 90 90	0,1 1	0 183	93 93 90 90	0,1 1	0 406	90 90	0,1 1	0 1.177	93 93 90 90	0,1 1
DAT	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	n/a	n/a n/a	n/a		n/a n/a	n/a
≱PUT [	STORAGE ACTIVITY	Activity of AC [n/a		Time [d]	Activity of AC [n/a	oefficient a, 0,1,2]	Time [d]		oefficient a, 0,1,2]	Time [d]	,	coefficient a, 0,1,2]	Time [d]	Activity of AC [n/a		Time [d]	Activity of AC [n/a		Time [d]	Activity of AC [n/a	oefficient a, 0,1,2]	Time [d]	Activity c AC [n/a	oefficient a, 0,1,2]	Time [d]	Activity co AC [n/a		Time [d]
=	Storage grid type electrical			1		0	1		0	1		0	1			1		0	1		0	1			1	C		1
	Storage grid type thermal Storage grid type gas	n	/a	1	n	/a 0	1		ı/a 0	1		i/a 0	1	n.	/a	1	n	ı/a	1		/a 0	1	n.	/a 0	1			1 1

SRI CALCU	JLATION RESULTS									
	USE CASE	BUILDING 1	BUILDING 2	BUILDING 3	BUILDING 4	BUILDING 5	BUILDING 6	BUILDING 7	BUILDING 8	BUILDING 9
DATA	STORAGE ACTIVITY	Activity coefficient AC [n/a, 0,1,2]								
RS	Storage grid type electrical	0	0	0	0	0	0	0	0	0
<u>₹</u> 6	Storage grid type thermal	n/a								
=	Storage grid type gas	0	0	0	0	0	0	0	0	0
Σ	SRI / GRID TYPE	SRI / grid type	SRI / grid type	SRI / grid type	SRI / grid type	SRI / grid type	SRI / grid type	SRI / grid type	SRI / grid type	SRI / grid type
8	SKI / GKID TIFE	[0-2]	[0-2]	[0-2]	[0-2]	[0-2]	[0-2]	[0-2]	[0-2]	[0-2]
SR IS	SRI electrical	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
SUL	SRI thermal	n/a								
#	SRI gas	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00

SRI CALCU	JLATION INPUT MATRIX / SO	CENARIO 1																										
	USE CASE		BUILDING 1			BUILDING 2	2		BUILDING 3			BUILDING 4	1		BUILDING 5			BUILDING 6			BUILDING 7		BUILDING 8			BUILDING 9		
ПЕРС	BUILDING	Residential / Non-Res.	Area GFA [m <sup>2</sup> ]	People No.	Residential / Non-Res.	Area GFA [m²]	People No.	Residential / Non-Res.	Area GFA [m²]	People No.	Residential / Non-Res.	Area GFA [m²]	People No.	Residential / Non-Res.	Area GFA [m²]	People No.	Residential / Non-Res.	Area GFA [m²]	People No.	Residential / Non-Res.	Area GFA [m²]	People No.	Residential / Non-Res.	Area GFA [m²]	People No.	Residential / Non-Res.	Area GFA [m²]	People No.
RE	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
ä	Description		orey res. build			orey res. buil			ey res. buildin			ey res. buildin			ey res. buildin			ey res. buildin			ey res. building			e building; 198			res. building	
FOR	BUILDING SYSTEMS		Type of system	ı		Type of systen	n		Type of system			Type of system			Type of system			Type of system			Type of system		Type of system			Type of syst		
¥T/	Heating system Gas boiler Gas boiler Warm water system Gas boiler Gas boiler					l	Gas boiler		Gas boiler			l	Gas boiler		<u> </u>	Gas boiler		Gas boiler Gas boiler			Gas boiler Gas boiler			Gas boiler Gas boiler				
Ē							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 De [kWl		Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]		Demand Vh/a]	Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	Total De		Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]		emand /h/a]	Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	Total De		Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	Total De [kWl		Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	Total De [kWi		Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	Total Den [kWh/a		Demand /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	Total De [kWh	
E	Heating energy demand	45	259.0	601	40	40.	344	68	50.0	)70	70	19.:	282	68	33.5	03	65	26.6	23	65	44.2	26	15	62.720	0	55	256.2	245
눌	Warm water energy demand	13	74.9	996	13		112	13	9.6	43	13	3.6	507	13	6.4	52	13	5.3	25	13	8.84	45	5	20.90	7	13	60.56	67
38.	Cooling energy demand	n/a	n/		n/a	n	/a	n/a	n/	a	n/a	n/a n/a		n/a	n/	3	n/a	a n/a		n/a	n/a		30 n/s			n/a	n/a	a
3	Technical systems energy demand	5	28.8		5	5.0	)43	5	3.7	09	5	1.387		5 2		32	3	1.229		5	5 3.402		5			5	23.29	95
δ	Power demand	20	115.		20		172	20	14.8		20	5.549		20	9.927		20	8.1		20	13.6		30	125.439		20	93.18	
TS FR	ENERY DEMAND / SOURCE	Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BEC [kWl	h/a1	Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	ſkW	:D /h/a]	Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BEI [kW	h/al	Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BE [kW	D /h/a]	Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BEI [kWl		Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BEI [kWl	h/al	Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BEC [kWi	h/al	Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BED [kWh/s	a]	Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BED [kWh	
SUL	Electrical grid energy demand	25	144.	223	25		215	25	18.5	45	25		936	25	12.4	09	23	9.4	20	25	17.0	10	35	146.34	46	25	116.4	475
22	Thermal grid energy demand	58	334.	597	53	53.	456	81	59.7	713	83	22.	889	81	39.9	55	78	31.9	147	78	53.0		50	209.06	65	68	316.8	812
	Gas grid energy demand	n/a	n/s		n/a		/a	n/a	n/		n/a	n,		n/a	n/		n/a	n/		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/	а	n/a	n,	/a	n/a	n/	3	n/a	n/	a	n/a	n/	a	n/a	n/a		n/a	n/a	3
~	STORAGE TYPE	Capacity SC [kWh]	Efficiency ηsc(c) ηsc(D)	Loss Čsc [%]	Capacity SC [kWh]	Efficiency η <sub>SC(C)</sub> η <sub>SC(D)</sub>	Loss ζsc [%]	Capacity SC [kWh]	Efficiency η <sub>SC(C)</sub> η <sub>SC(D)</sub>	Loss ζsc [%]	Capacity SC [kWh]	Efficiency ηςc(c) ηςc(b)	Loss ζsc [%]	Capacity SC [kWh]	Efficiency η <sub>SC(C)</sub> η <sub>SC(D)</sub>	Loss ζsc [%]	Capacity SC [kWh]	Efficiency η <sub>SC(C)</sub> η <sub>SC(D)</sub>	Loss ζsc [%]	Capacity SC [kWh]	Efficiency η <sub>SC(C)</sub> η <sub>SC(D)</sub>	Loss ζsc [%]	Capacity SC [kWh]	Efficiency ηsc(c) ηsc(b)	Loss čsc [%]	Capacity SC [kWh]	Efficiency η <sub>SC(D)</sub>	Loss Zsc [%]
FOR SI	Storage electrical Storage thermal	395 1.462	93 93 90 90	0,1 1	69 264	93 93 90 90	0,1	51 183	93 93 90 90	0,1 1	19 61	93 93 90 90	0,1	34 162	93 93 90 90	0,1 1	26 102	93 93 90 90	0,1 1	47 183	[%] [%] 93 93 90 90	0,1 1	401 406	90 90	0,1	319 1.177	93 93 90 90	0,1
ATA	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	n/a	n/a n/a	n/a		n/a n/a	n/a
PUTD	STORAGE ACTIVITY	Activity of AC [n/a		Time [d]	Activity of AC [n/a	oefficient a, 0,1,2]	Time [d]		coefficient a, 0,1,2]	Time [d]	,	coefficient a, 0,1,2]	Time [d]	Activity of AC [n/a	oefficient , 0,1,2]	Time [d]	Activity of AC [n/a		Time [d]	Activity of AC [n/a	oefficient a, 0,1,2]	Time [d]	Activity c AC [n/a	oefficient ı, 0,1,2]	Time [d]	Activity co		Time [d]
=	Storage grid type electrical		2	1	<b>.</b>	2	1	<b></b>	2	1	1	2	1	<b></b>	2	1		2	1	<b>.</b>	2	1		2	1	2		1
	Storage grid type thermal Storage grid type gas		1	1 n/a	n	1 /a	1		1 i/a	1 n/a		1 /a	1 n/a		1 /a	1 n/a	n	1 /a	1 n/a		1 /a	1		1 /a	1	1 n/		1 n/a

SRI CALCU	JLATION RESULTS									
	USE CASE	BUILDING 1	BUILDING 2	BUILDING 3	BUILDING 4	BUILDING 5	BUILDING 6	BUILDING 7	BUILDING 8	BUILDING 9
DATA	STORAGE ACTIVITY	Activity coefficient AC [n/a, 0,1,2]								
RS	Storage grid type electrical	2	2	2	2	2	2	2	2	2
<u>₹</u> 6	Storage grid type thermal	1	1	1	1	1	1	1	1	1
=	Storage grid type gas	n/a								
Σ	SRI / GRID TYPE	SRI / grid type	SRI / grid type	SRI / grid type	SRI / grid type	SRI / grid type	SRI / grid type	SRI / grid type	SRI / grid type	SRI / grid type
8	SKI / GKID TIFE	[0-2]	[0-2]	[0-2]	[0-2]	[0-2]	[0-2]	[0-2]	[0-2]	[0-2]
SR IS	SRI electrical	0,61	0,61	0,62	0,61	0,61	0,63	0,63	0,61	0,61
SUL	SRI thermal	0,25	0,40	0,07	0,04	0,17	0,07	0,10	0,38	0,13
#	SRI gas	n/a								

SRI CALCU	JLATION INPUT MATRIX / SO	CENARIO 2																										
	USE CASE		BUILDING 1			BUILDING 2	2		BUILDING 3			BUILDING 4	4		BUILDING 5		E	BUILDING 6			BUILDING 7	,		BUILDING 8		BUILDING 9		
IT EPC	BUILDING	Residential / Non-Res.	Area GFA [m²]	People No.	Residential / Non-Res.	Area GFA [m²]	People No.	Residential / Non-Res.	Area GFA [m²]	People No.	Residential / Non-Res.	Area GFA [m²]	People No.	Residential / Non-Res.	Area GFA [m²]	People No.	Residential / Non-Res.	Area GFA [m²]	People No.	Residential / Non-Res.	Area GFA [m²]	People No.	Residential / Non-Res.	Area GFA [m²]	People No.	Residential / Non-Res.	Area GFA [m²]	People No.
RE-	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
ä	Description		orey res. build			rey res. build			ey res. buildin	g, pre-1918		ey res. buildir	ng, post 1945		ey res. buildir	g, pre-1918		y res. buildin			ey res. buildin			ce building; 198			res. building	
FOR	BUILDING SYSTEMS		Type of system			Type of systen	1		Type of system			Type of system	n		Type of system			Type of system			Type of system	1		Type of system		т	ype of system	
ΑTΑ	Heating system		Gas boiler		L	Gas boiler			Gas boiler			Gas boiler			Gas boiler			Gas boiler			Gas boiler			Gas boiler			Gas boiler	
2	Warm water system		Gas boiler		Gas boiler			Gas boiler				Gas boiler																
Ð	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>	Total D		Demand /m <sup>2</sup>	Total D		Demand /m <sup>2</sup>	Total D		Demand /m <sup>2</sup>		Demand	Demand /m <sup>2</sup>	Total D		Demand /m <sup>2</sup>	Total De		Demand /m <sup>2</sup>	Total De		Demand /m²	Total Den		Demand /m <sup>2</sup>	Total De	
()		[kWh/(m <sup>2</sup> a)]	[kWl		[kWh/(m <sup>2</sup> a)]		/h/a]	[kWh/(m <sup>2</sup> a)]	[kW		[kWh/(m <sup>2</sup> a)]		Vh/a]	[kWh/(m <sup>2</sup> a)]	[kW		[kWh/(m <sup>2</sup> a)]	[kWl		[kWh/(m <sup>2</sup> a)]	[kW		[kWh/(m <sup>2</sup> a)]	[kWh/		[kWh/(m <sup>2</sup> a)]	[kWh	
<u>a</u>	Heating energy demand	9	51.9		8	8.0		14	10.0		14		856	14	6.7		13	5.3		13	8.8		3	12.54	14	11	51.2	
E	Warm water energy demand	13	74.9		13	13.	· · · · · · · · · · · · · · · · · · ·	13						13	6.4			5.3		13	8.8		5	20.90			60.5	
<u>~</u>	Cooling energy demand	n/a	n/		n/a			n/a	n/				/a	n/a			n/a n,			n/a	n/a					n/a	n/a	
ರ	Technical systems energy demand		28.8			5.0		5	3.7					5				1.2			3.4		5			5		
g _	Power demand	20	115.		20	20.		20	14.8		20		549	20	9.9		20	8.15 BEI		20	13.6		30	125.43		20	93.11 BED	
Σ. H.	ENERY DEMAND / SOURCE	Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BEI [kWl	h/al	Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BE [kW	/h/al	Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BEI [kW	h/al	Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BE [kW	Vh/al	Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BE [kW	h/al	Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	ſkWl	h/al	Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BEI [kWl	h/al	Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	BED [kWh/	/a1	Source /m <sup>2</sup> [kWh/(m <sup>2</sup> a)]	[kWh	h/a]
ij	Electrical grid energy demand	25	144.	223	25	25.	215	25	18.5	45	25	6.9	936	25	12.4	09	23	9.4	20	25	17.0	010	35	146.34	46	25	116.4	475
22	Thermal grid energy demand	22	126.	916	21	21.	181	27	19.6	57	27	7.4	463	27	13.1		26	10.6	549	26	17.6	590	38	158.89	90	24	111.8	816
	Gas grid energy demand	n/a	n/		n/a	n,		n/a	n/		n/a		/a	n/a	n/		n/a	n/		n/a	n/		n/a	n/a		n/a	n/a	
	Other (not grid connected)	n/a	n/	a	n/a	n,	/a	n/a	n/	а	n/a	n	/a	n/a	n/	а	n/a	n/	a	n/a	n/	'a	n/a	n/a		n/a	n/a	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	Capacity	Efficiency	Loss
SRI		SC [kWh]	ηsc(c) ηsc(b) [%] [%]	ζsc [%]	SC [kWh]	ηsc(c) ηsc(b) [%] [%]	ζsc [%]	SC [kWh]	ηsc(c) ηsc(d) [%] [%]	ζsc [%]	SC [kWh]	ηsc(c) ηsc(b) [%] [%]	ζsc [%]	SC [kWh]	ηsc(c) ηsc(b) [%] [%]	ζsc [%]	SC [kWh]	ηsc(c) ηsc(b) [%] [%]	ζsc [%]	SC [kWh]	ηsc(c) ηsc(b) [%] [%]	ζsc [%]	SC [kWh]	ηsc(c) ηsc(b) [%] [%]	ζsc [%]	SC [kWh]	ηsc(c) ηsc(b) [%] [%]	ζsc [%]
, E	Storage electrical	593	93 93	0,1	104	93 93	0,1	77		0,1	29	93 93	0,1	51	93 93	0,1		93 93	0,1		93 93	0,1			0,1		93 93	0,1
₹	Storage thermal	1.462	90 90	1	264	90 90	1	183		1		90 90	1	162	90 90	1	102	90 90	1	183	90 90	1	406	90 90	1	1.177	90 90	1
DA	Storage gas	n/a	n/a n/a	n/a Time	n/a Activity c	n/a n/a	n/a Time	n/a	n/a n/a	n/a Time	n/a	n/a n/a coefficient	n/a Time	n/a	n/a n/a	n/a Time	n/a Activity c	n/a n/a	n/a Time	n/a	n/a n/a	n/a Time	n/a	n/a n/a	n/a Time		n/a n/a	n/a Time
- F	STORAGE ACTIVITY	Activity of AC [n/a		[d]		oemcient a, 0,1,2]	[d]		a, 0,1,2]	[d]		a, 0,1,2]	[d]	,	a, 0,1,2]	[d]	ACTIVITY C		[d]		a, 0,1,2]	[d]		a, 0,1,2]	[d]	Activity co		[d]
Z	Storage grid type electrical		2	1		2	1		2	1		2	1		2	1		2	1		2	1		2	1	2	2	1
	Storage grid type thermal		2	1		2	1		2	1	1	2	1		2	1		2	1		2	1		2	1	2	2	1
	Storage grid type gas		/a	n/a		/a	n/a		ı/a	n/a		n/a	n/a		/a	n/a		/a	n/a		ı/a	n/a		/a	n/a	n/		n/a

SRI CALCU	JLATION RESULTS									
	USE CASE	BUILDING 1	BUILDING 2	BUILDING 3	BUILDING 4	BUILDING 5	BUILDING 6	BUILDING 7	BUILDING 8	BUILDING 9
DATA	STORAGE ACTIVITY	Activity coefficient AC [n/a, 0,1,2]								
RS	Storage grid type electrical	2	2	2	2	2	2	2	2	2
<u>₹</u> 6	Storage grid type thermal	2	2	2	2	2	2	2	2	2
=	Storage grid type gas	n/a								
Σ	SRI / GRID TYPE	SRI / grid type	SRI / grid type	SRI / grid type	SRI / grid type	SRI / grid type	SRI / grid type	SRI / grid type	SRI / grid type	SRI / grid type
8	SKI / GKID TIFE	[0-2]	[0-2]	[0-2]	[0-2]	[0-2]	[0-2]	[0-2]	[0-2]	[0-2]
SR IS	SRI electrical	1,71	1,72	1,73	1,74	1,71	1,72	1,74	1,71	1,71
SUL	SRI thermal	2,00	2,00	1,99	1,98	2,00	2,00	2,00	2,00	2,00
#	SRI gas	n/a								