

# COMPARISON & SAVINGS CALCULATOR

easySTP saves 70%+ on Operating cost & 30%+ on capital cost as compared to MBBR /SBR

## Capital cost ( Civil Cost + Electro - Mechanical cost ) Comparison

STP 20	Collection tank	Bio reactor	Clarifier	CCT	SHT	Total Tanks	Tank cost @ 8000/ KL	Mech Cost	Total cost	Savings with easySTP
MBBR	10	8	4	4	2	28	224000	900000	1124000	74000
SBR	10	10	0	10	10	40	320000	950000	1270000	220000
easySTP	0	0	0	0	0	0		1050000	1050000	0

## Operating cost ( Manpower + AMC + Chemicals ) Comparison

STP 20	No of Operators	Operator cost each	Operator cost / Month	Chemicals cost / Month	AMC	Total cost	Savings with easySTP	Savings Per Year
MBBR	2	15000	30000	3000	5000	38000	31500	378000
SBR	2	15000	30000	3000	6000	39000	32500	390000
easySTP	0.2	15000	3000	1500	2000	6500	0	NA

## Operating cost ( Power Consumption & Savings ) Comparison

STP 20 KLD	Feed Pump	Air Blower	Filter Feed Pump	Sludge Pump	Filter Press	Total HP	Total Kw / day	Total Kw / month	Units / Year	Cost / PA @ 8/- per unit	Savings with easySTP
MBBR	0.5	3	1.5	0.75	0	120.75	96.6	2898	34776	278208	222912
SBR	1	3	1.5	0.75	0	78.75	63	1890	22680	181440	126144
easySTP	0	1	0	0	0	24	19.2	576	6912	55296	0

Check the Comparisons for all capacities at [www.modernstp.com](http://www.modernstp.com)

**You buy the STP only once- Get it right the first time**