














# G2 PLUS EFFICIENCY HOUSE



## Discover Savings Potential

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|---|---|---|
|    | <b>1. LIGHTING</b><br>Savings 10 - 80 %<br>████████████████████                 | LED conversion / OLED technology<br>Demand and user-friendly regulation<br>Intelligent lighting control / sensor technology<br>Lighting concept                     |
|    | <b>2. HEATING</b><br>Savings 20 - 65 %<br>████████████████████                  | Pump change<br>Hot water<br>Hydraulic balancing<br>Boiler exchange / CHP<br>Heat pumps<br>Insulation  |
|    | <b>3. COOLING</b><br>Savings 20 - 70 %<br>████████████████████                  | Pump change<br>Hydraulic balancing<br>Optimisation of refrigeration<br>Free cooling<br>Well usage   |
|    | <b>4. VENTILATION</b><br>Savings 5 - 40 %<br>████████████████████               | Conversion of drive technology (FU + IE4)<br>Nano Filter technology<br>Pressure loss optimization<br>Heat recovery<br>Ionisation technology                         |
|    | <b>5. BUILDING AUTOMATION</b><br>Savings 5 - 30 %<br>████████████████████       | Demand-oriented regulation of all<br>Technical installations<br>Preventive maintenance cycles<br>Monitoring of system conditions<br>Substitution of old MSR systems |
|    | <b>6. MEASUREMENT TECHNOLOGY</b><br>Savings 10 - 20 %<br>████████████████████   | Introduction of intelligent measurement<br>technology (Smart Metering)<br>Energy portals<br>Energy controlling (DIN 50001)<br>Process Automation                    |
|    | <b>7. ENERGY PROCUREMENT</b><br>Savings 10 - 20 %<br>████████████████████       | Load profile analysis<br>Procurement optimisation / Tariff change<br>Green electricity / gas  |
|    | <b>8. BUILDING ENVELOPE</b><br>Savings 20 - 30 %<br>████████████████████        | Sunscreen (shading)<br>UV blockers<br>Insulation systems<br>Roof insulation   |
|  | <b>9. CONSUMER BEHAVIOR</b><br>Savings 10 - 15 %<br>████████████████████        | Employee training<br>User awareness<br>Training media   |
|  | <b>10. CAR POOL MANAGEMENT</b><br>Savings 10 - 15 %<br>████████████████████     | Fuel change / optimisation<br>Telematics<br>Route optimisation<br>Sustainable driver training   |
|  | <b>11. COMPRESSED AIR</b><br>Savings 5 - 20 %<br>████████████████████           | Pipe sizing / network optimisation<br>Frequency control / gas operation<br>Optimised pressure setting<br>Heat recovery  |
|  | <b>12. POWER GENERATED ON SITE</b><br>Savings 10 - 30 %<br>████████████████████ | Photovoltaics<br>Geothermal and solar thermal technologies<br>Well technology<br>CHP<br>Fuel cell   |
|  | <b>13. E-MOBILITY</b><br>Savings 5 - 10 %<br>████████████████████               | Conception charging infrastructure<br>Telematics<br>Neighborhood solutions<br>Internal power coupling<br>Subsidies and tax breaks                                   |