Scenario Comparison: Effect of User Activities on Battery Life

Legend:
- Baseline (TTE=0.48h, P=21.9W)
- Video (TTE=0.32h, P=33.4W)
- Gaming (TTE=0.23h, P=46.5W)
- Navigation (TTE=0.47h, P=22.7W)
- Cutoff (5%)

X-axis: Time (hours)
Y-axis: State of Charge (%)

Scenario Definitions:\nBaseline: Light usage (L=0.3, C=0.4)\nVideo: High screen (L=0.8, C=0.6)\nGaming: Max load (L=1.0, C=0.9)\nNavigation: GPS active (G=0.8)

GPS Impact\nΔTTE = 0.02h\n(3.5%)