|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Distance (miles)** | **Number of Transporters** | **Traditional System Cost per Product** | **Our Proposed System Cost per Product** | | **Cost Reduction (%)** |
| **USD** | **USD** | **Gas Units** |
| 50-100 | 1 | 1.70 | 1.26 | 97,000 | 25.9% |
| 100-250 | 2 | 2.68 | 1.99 | 106,000 | 25,7% |
| 250-500 | 3 | 3.82 | 2.86 | 134,000 | 25,1% |
| 500-750 | 4 | 5.15 | 3.88 | 143,000 | 24,3% |
| 750-1000 | 5 | 6.50 | 4.88 | 174,000 | 24,9% |

TABLE 5

Cost analysis considering distance in miles, gas units, and cost reductions