|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Distance (miles)** | **Number of Transporters** | **Traditional System Cost per Product (1)** | **Narayanan’s System Cost per Product (2)** | | **Our Proposed System Cost per Product** | | **Cost Reduction (%)** | |
| **USD** | **USD** | **Gas Units** | **USD** | **Gas Units** | **(1)** | **(2)** |
| 50-100 | 1 | 1.70 | 1.36 | 50,000 |  |  |  |  |
| 100-250 | 2 | 2.68 | 2.14 | 60,000 |  |  |  |  |
| 250-500 | 3 | 3.82 | 3.06 | 70,000 |  |  |  |  |
| 500-750 | 4 | 5.15 | 4.12 | 80,000 |  |  |  |  |
| 750-1000 | 5 | 6.50 | 5.20 | 90,000 |  |  |  |  |

TABLE 5

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