| No. | Input Variables | | | | | Output Variable |
|---|---|---|---|---|---|---|
| | Residual Energy (ResEng) | Distance (DiS) | Node Density (NoDen) | Load (LoD) | Link Quality (LQty) | Possibility of a node becoming CH (P_CH) |
| 1 | Low | Low | Low | Low | Low | Low |
| 2 | Medium | Low | Low | Low | Low | Low |
| 3 | High | Low | Low | Low | Low | Medium |
| 4 | Low | Medium | Low | Low | Low | Low |
| 5 | Medium | Medium | Low | Low | Low | Low |
| 6 | High | Medium | Low | Low | Low | Low |
| 7 | Low | High | Low | Low | Low | Low |
| 8 | Medium | High | Low | Low | Low | Low |
| 9 | High | High | Low | Low | Low | Low |
| 10 | Low | Low | Medium | Low | Low | Medium |
| 11 | Medium | Low | Medium | Low | Low | Medium |
| 12 | High | Low | Medium | Low | Low | High |
| 13 | Low | Medium | Medium | Low | Low | Low |
| 14 | Medium | Medium | Medium | Low | Low | Low |
| 15 | High | Medium | Medium | Low | Low | Medium |
| 16 | Low | High | Medium | Low | Low | Low |
| 17 | Medium | High | Medium | Low | Low | Low |
| 18 | High | High | Medium | Low | Low | Medium |
| 19 | Low | Low | High | Low | Low | Low |
| 20 | Medium | Low | High | Low | Low | Low |
| 21 | High | Low | High | Low | Low | Medium |
| 22 | Low | Medium | High | Low | Low | Low |
| 23 | Medium | Medium | High | Low | Low | Low |
| 24 | High | Medium | High | Low | Low | Low |
| 25 | Low | High | High | Low | Low | Low |
| 26 | Medium | High | High | Low | Low | Low |
| 27 | High | High | High | Low | Low | Low |
| 28 | Low | Low | Low | Medium | Low | Low |
| 29 | Medium | Low | Low | Medium | Low | Low |
| 30 | High | Low | Low | Medium | Low | Low |
| 31 | Low | Medium | Low | Medium | Low | Low |
| 32 | Medium | Medium | Low | Medium | Low | Low |
| 33 | High | Medium | Low | Medium | Low | Low |
| 34 | Low | High | Low | Medium | Low | Low |
| 35 | Medium | High | Low | Medium | Low | Low |
| 36 | High | High | Low | Medium | Low | Low |
| 37 | Low | Low | Medium | Medium | Low | Low |

| 38 | Medium | Low | Medium | Medium | Low | Low |
|----|--------|--------|--------|--------|-----|--------|
| 39 | High | Low | Medium | Medium | Low | Medium |
| 40 | Low | Medium | Medium | Medium | Low | Low |
| 41 | Medium | Medium | Medium | Medium | Low | Low |
| 42 | High | Medium | Medium | Medium | Low | Low |
| 43 | Low | High | Medium | Medium | Low | Low |
| 44 | Medium | High | Medium | Medium | Low | Low |
| 45 | High | High | Medium | Medium | Low | Low |
| 46 | Low | Low | High | Medium | Low | Low |
| 47 | Medium | Low | High | Medium | Low | Low |
| 48 | High | Low | High | Medium | Low | Low |
| 49 | Low | Medium | High | Medium | Low | Low |
| 50 | Medium | Medium | High | Medium | Low | Low |
| 51 | High | Medium | High | Medium | Low | Low |
| 52 | Low | High | High | Medium | Low | Low |
| 53 | Medium | High | High | Medium | Low | Low |
| 54 | High | High | High | Medium | Low | Low |
| 55 | Low | Low | Low | High | Low | Low |
| 56 | Medium | Low | Low | High | Low | Low |
| 57 | High | Low | Low | High | Low | Low |
| 58 | Low | Medium | Low | High | Low | Low |
| 59 | Medium | Medium | Low | High | Low | Low |
| 60 | High | Medium | Low | High | Low | Low |
| 61 | Low | High | Low | High | Low | Low |
| 62 | Medium | High | Low | High | Low | Low |
| 63 | High | High | Low | High | Low | Low |
| 64 | Low | Low | Medium | High | Low | Low |
| 65 | Medium | Low | Medium | High | Low | Low |
| 66 | High | Low | Medium | High | Low | Medium |
| 67 | Low | Medium | Medium | High | Low | Low |
| 68 | Medium | Medium | Medium | High | Low | Low |
| 69 | High | Medium | Medium | High | Low | Low |
| 70 | Low | High | Medium | High | Low | Low |
| 71 | Medium | High | Medium | High | Low | Low |
| 72 | High | High | Medium | High | Low | Low |
| 73 | Low | Low | High | High | Low | Low |
| 74 | Medium | Low | High | High | Low | Low |
| 75 | High | Low | High | High | Low | Low |
| 76 | Low | Medium | High | High | Low | Low |
| 77 | Medium | Medium | High | High | Low | Low |
| 78 | High | Medium | High | High | Low | Low |

| 79 | Low | High | High | High | Low | Low |
|---|---|---|---|---|---|---|
| 80 | Medium | High | High | High | Low | Low |
| 81 | High | High | High | High | Low | Low |
| 82 | Low | Low | Low | Low | Medium | Low |
| 83 | Medium | Low | Low | Low | Medium | Low |
| 84 | High | Low | Low | Low | Medium | Medium |
| 85 | Low | Medium | Low | Low | Medium | Low |
| 86 | Medium | Medium | Low | Low | Medium | Low |
| 87 | High | Medium | Low | Low | Medium | Low |
| 88 | Low | High | Low | Low | Medium | Low |
| 89 | Medium | High | Low | Low | Medium | Low |
| 90 | High | High | Low | Low | Medium | Low |
| 91 | Low | Low | Medium | Low | Medium | Medium |
| 92 | Medium | Low | Medium | Low | Medium | Medium |
| 93 | High | Low | Medium | Low | Medium | High |
| 94 | Low | Medium | Medium | Low | Medium | Low |
| 95 | Medium | Medium | Medium | Low | Medium | Low |
| 96 | High | Medium | Medium | Low | Medium | Medium |
| 97 | Low | High | Medium | Low | Medium | Low |
| 98 | Medium | High | Medium | Low | Medium | Low |
| 99 | High | High | Medium | Low | Medium | Medium |
| 100 | Low | Low | High | Low | Medium | Low |
| 101 | Medium | Low | High | Low | Medium | Low |
| 102 | High | Low | High | Low | Medium | Medium |
| 103 | Low | Medium | High | Low | Medium | Low |
| 104 | Medium | Medium | High | Low | Medium | Low |
| 105 | High | Medium | High | Low | Medium | Low |
| 106 | Low | High | High | Low | Medium | Low |
| 107 | Medium | High | High | Low | Medium | Low |
| 108 | High | High | High | Low | Medium | Low |
| 109 | Low | Low | Low | Medium | Medium | Low |
| 110 | Medium | Low | Low | Medium | Medium | Low |
| 111 | High | Low | Low | Medium | Medium | Low |
| 112 | Low | Medium | Low | Medium | Medium | Low |
| 113 | Medium | Medium | Low | Medium | Medium | Low |
| 114 | High | Medium | Low | Medium | Medium | Low |
| 115 | Low | High | Low | Medium | Medium | Low |
| 116 | Medium | High | Low | Medium | Medium | Low |
| 117 | High | High | Low | Medium | Medium | Low |
| 118 | Low | Low | Medium | Medium | Medium | Low |
| 119 | Medium | Low | Medium | Medium | Medium | Low |

| 120 | High | Low | Medium | Medium | Medium | Medium |
|-----|------|-----|--------|--------|--------|--------|
| 121 | Low | Medium | Medium | Medium | Medium | Low |
| 122 | Medium | Medium | Medium | Medium | Medium | Low |
| 123 | High | Medium | Medium | Medium | Medium | Low |
| 124 | Low | High | Medium | Medium | Medium | Low |
| 125 | Medium | High | Medium | Medium | Medium | Low |
| 126 | High | High | Medium | Medium | Medium | Low |
| 127 | Low | Low | High | Medium | Medium | Low |
| 128 | Medium | Low | High | Medium | Medium | Low |
| 129 | High | Low | High | Medium | Medium | Low |
| 130 | Low | Medium | High | Medium | Medium | Low |
| 131 | Medium | Medium | High | Medium | Medium | Low |
| 132 | High | Medium | High | Medium | Medium | Low |
| 133 | Low | High | High | Medium | Medium | Low |
| 134 | Medium | High | High | Medium | Medium | Low |
| 135 | High | High | High | Medium | Medium | Low |
| 136 | Low | Low | Low | High | Medium | Low |
| 137 | Medium | Low | Low | High | Medium | Low |
| 138 | High | Low | Low | High | Medium | Low |
| 139 | Low | Medium | Low | High | Medium | Low |
| 140 | Medium | Medium | Low | High | Medium | Low |
| 141 | High | Medium | Low | High | Medium | Low |
| 142 | Low | High | Low | High | Medium | Low |
| 143 | Medium | High | Low | High | Medium | Low |
| 144 | High | High | Low | High | Medium | Low |
| 145 | Low | Low | Medium | High | Medium | Low |
| 146 | Medium | Low | Medium | High | Medium | Low |
| 147 | High | Low | Medium | High | Medium | Medium |
| 148 | Low | Medium | Medium | High | Medium | Low |
| 149 | Medium | Medium | Medium | High | Medium | Low |
| 150 | High | Medium | Medium | High | Medium | Low |
| 151 | Low | High | Medium | High | Medium | Low |
| 152 | Medium | High | Medium | High | Medium | Low |
| 153 | High | High | Medium | High | Medium | Low |
| 154 | Low | Low | High | High | Medium | Low |
| 155 | Medium | Low | High | High | Medium | Low |
| 156 | High | Low | High | High | Medium | Low |
| 157 | Low | Medium | High | High | Medium | Low |
| 158 | Medium | Medium | High | High | Medium | Low |
| 159 | High | Medium | High | High | Medium | Low |

| 160 | Low | High | High | High | Medium | Low |
|-----|--------|--------|--------|--------|--------|--------|
| 161 | Medium | High | High | High | Medium | Low |
| 162 | High | High | High | High | Medium | Low |
| 163 | Low | Low | Low | Low | High | Medium |
| 164 | Medium | Low | Low | Low | High | Medium |
| 165 | High | Low | Low | Low | High | High |
| 166 | Low | Medium | Low | Low | High | Low |
| 167 | Medium | Medium | Low | Low | High | Low |
| 168 | High | Medium | Low | Low | High | Medium |
| 169 | Low | High | Low | Low | High | Low |
| 170 | Medium | High | Low | Low | High | Low |
| 171 | High | High | Low | Low | High | Medium |
| 172 | Low | Low | Medium | Low | High | High |
| 173 | Medium | Low | Medium | Low | High | High |
| 174 | High | Low | Medium | Low | High | High |
| 175 | Low | Medium | Medium | Low | High | Medium |
| 176 | Medium | Medium | Medium | Low | High | Medium |
| 177 | High | Medium | Medium | Low | High | High |
| 178 | Low | High | Medium | Low | High | Medium |
| 179 | Medium | High | Medium | Low | High | Medium |
| 180 | High | High | Medium | Low | High | High |
| 181 | Low | Low | High | Low | High | Medium |
| 182 | Medium | Low | High | Low | High | Medium |
| 183 | High | Low | High | Low | High | High |
| 184 | Low | Medium | High | Low | High | Low |
| 185 | Medium | Medium | High | Low | High | Low |
| 186 | High | Medium | High | Low | High | Medium |
| 187 | Low | High | High | Low | High | Low |
| 188 | Medium | High | High | Low | High | Low |
| 189 | High | High | High | Low | High | Medium |
| 190 | Low | Low | Low | Medium | High | Low |
| 191 | Medium | Low | Low | Medium | High | Low |
| 192 | High | Low | Low | Medium | High | Medium |
| 193 | Low | Medium | Low | Medium | High | Low |
| 194 | Medium | Medium | Low | Medium | High | Low |
| 195 | High | Medium | Low | Medium | High | Low |
| 196 | Low | High | Low | Medium | High | Low |
| 197 | Medium | High | Low | Medium | High | Low |
| 198 | High | High | Low | Medium | High | Low |
| 199 | Low | Low | Medium | Medium | High | Medium |
| 200 | Medium | Low | Medium | Medium | High | Medium |

| 201 | High | Low | Medium | Medium | High | High |
|-----|------|-----|--------|--------|------|------|
| 202 | Low | Medium | Medium | Medium | High | Low |
| 203 | Medium | Medium | Medium | Medium | High | Low |
| 204 | High | Medium | Medium | Medium | High | Medium |
| 205 | Low | High | Medium | Medium | High | Low |
| 206 | Medium | High | Medium | Medium | High | Low |
| 207 | High | High | Medium | Medium | High | Medium |
| 208 | Low | Low | High | Medium | High | Low |
| 209 | Medium | Low | High | Medium | High | Low |
| 210 | High | Low | High | Medium | High | Medium |
| 211 | Low | Medium | High | Medium | High | Low |
| 212 | Medium | Medium | High | Medium | High | Low |
| 213 | High | Medium | High | Medium | High | Low |
| 214 | Low | High | High | Medium | High | Low |
| 215 | Medium | High | High | Medium | High | Low |
| 216 | High | High | High | Medium | High | Low |
| 217 | Low | Low | Low | High | High | Low |
| 218 | Medium | Low | Low | High | High | Low |
| 219 | High | Low | Low | High | High | Medium |
| 220 | Low | Medium | Low | High | High | Low |
| 221 | Medium | Medium | Low | High | High | Low |
| 222 | High | Medium | Low | High | High | Low |
| 223 | Low | High | Low | High | High | Low |
| 224 | Medium | High | Low | High | High | Low |
| 225 | High | High | Low | High | High | Low |
| 226 | Low | Low | Medium | High | High | Medium |
| 227 | Medium | Low | Medium | High | High | Medium |
| 228 | High | Low | Medium | High | High | High |
| 229 | Low | Medium | Medium | High | High | Low |
| 230 | Medium | Medium | Medium | High | High | Low |
| 231 | High | Medium | Medium | High | High | Medium |
| 231 | Low | High | Medium | High | High | Low |
| 233 | Medium | High | Medium | High | High | Low |
| 234 | High | High | Medium | High | High | Medium |
| 235 | Low | Low | High | High | High | Low |
| 236 | Medium | Low | High | High | High | Low |
| 237 | High | Low | High | High | High | Medium |
| 238 | Low | Medium | High | High | High | Low |
| 239 | Medium | Medium | High | High | High | Low |
| 240 | High | Medium | High | High | High | Low |
| 241 | Low | High | High | High | High | Low |

| 242 | Medium | High | High | High | High | Low |
| 243 | High | High | High | High | High | Low |