```html
<!DOCTYPE html>
<html lang="pl">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Kalkulator Cen ATOMIC - Instalacje Fotowoltaiczne i Wiatrowe</title>

    <!-- PWA Meta Tags -->
    <meta name="apple-mobile-web-app-capable" content="yes">
    <meta name="apple-mobile-web-app-status-bar-style" content="black-translucent">
    <meta name="apple-mobile-web-app-title" content="ATOMIC Kalkulator">
    <meta name="mobile-web-app-capable" content="yes">
    <meta name="theme-color" content="#1e3a8a">

    <script src="https://cdn.tailwindcss.com"></script>
    <script src="https://cdnjs.cloudflare.com/ajax/libs/jspdf/2.5.1/jspdf.umd.min.js"></script>
    <style>
        body {
            box-sizing: border-box;
        }

        .gradient-bg {
            background: linear-gradient(135deg, #1e3a8a 0%, #059669 50%, #fbbf24 100%);
        }

        .glass-effect {
            background: rgba(255, 255, 255, 0.1);
            backdrop-filter: blur(10px);
            border: 1px solid rgba(255, 255, 255, 0.2);
        }

        .service-card {
            transition: all 0.3s ease;
        }

        .service-card:hover {
            transform: translateY(-2px);
            box-shadow: 0 10px 25px rgba(0, 0, 0, 0.1);
        }

        .price-display {
            background: linear-gradient(45deg, #fbbf24 0%, #059669 100%);
            -webkit-background-clip: text;
            -webkit-text-fill-color: transparent;
            background-clip: text;
```

```html
        }

        @keyframes fadeIn {
            from { opacity: 0; transform: translateY(20px); }
            to { opacity: 1; transform: translateY(0); }
        }

        .fade-in {
            animation: fadeIn 0.5s ease-out;
        }

        .energy-icon {
            animation: pulse 2s infinite;
        }

        @keyframes pulse {
            0%, 100% { opacity: 1; }
            50% { opacity: 0.7; }
        }
    </style>
</head>
<body class="gradient-bg min-h-screen py-8 px-4">
    <div class="max-w-6xl mx-auto">
        <!-- Header -->
        <div class="text-center mb-8 fade-in">
            <h1 class="text-4xl md:text-5xl font-bold text-white mb-4">
                <span class="energy-icon">⚡</span> ATOMIC
            </h1>
            <p class="text-xl text-white/80">Kalkulator Cen Instalacji Fotowoltaicznych i
Wiatrowych</p>
        </div>

        <!-- Client Info Section -->
        <div class="glass-effect rounded-3xl p-6 mb-8 fade-in">
            <h2 class="text-xl font-bold text-white mb-4 text-center">👤 Dane
Klienta</h2>
            <div class="max-w-2xl mx-auto grid md:grid-cols-2 gap-4">
                <input type="text" id="clientName" class="w-full bg-white/20 text-white
rounded-lg p-3 border border-white/30 placeholder-white/50 text-center"
placeholder="Imię i nazwisko klienta" onchange="updateMobileSummaryClient()">
                <input type="date" id="clientDate" class="w-full bg-white/20 text-white
rounded-lg p-3 border border-white/30 text-center"
onchange="updateMobileSummaryClient()">
            </div>
        </div>

        <!-- Calculator Container -->
        <div class="glass-effect rounded-3xl p-8 mb-8 fade-in">
```

```html
<div class="grid lg:grid-cols-3 gap-8">
    <!-- Photovoltaic Section -->
    <div class="lg:col-span-2">
        <h2 class="text-2xl font-bold text-white mb-6">⚡ Wybór Produktu</h2>

        <!-- Product Selection -->
        <div class="service-card bg-white/10 rounded-2xl p-6 mb-6">
            <h3 class="text-lg font-semibold text-white mb-4">Rodzaj
Instalacji</h3>
            <div class="grid grid-cols-1 gap-3 mb-4">
                <button onclick="selectProduct('pv_me')" id="pvMeBtn"
class="product-btn bg-white/20 hover:bg-white/30 text-white p-4 rounded-lg
transition-colors text-left">
                    <div class="font-semibold">☀️ PV + Magazyn Energii</div>
                    <div class="text-sm text-white/80">Kompletna instalacja
fotowoltaiczna z magazynem</div>
                </button>
                <button onclick="selectProduct('inverter_me')" id="inverterMeBtn"
class="product-btn bg-white/20 hover:bg-white/30 text-white p-4 rounded-lg
transition-colors text-left">
                    <div class="font-semibold">🔄 Wymiana Falownika + Magazyn
Energii</div>
                    <div class="text-sm text-white/80">Wymiana istniejącego
falownika + dodanie magazynu</div>
                </button>
            </div>
        </div>

        <!-- Installation Type Selection (only for PV+ME) -->
        <div class="service-card bg-white/10 rounded-2xl p-6 mb-6"
id="installationTypeSection" style="display: none;">
            <h3 class="text-lg font-semibold text-white mb-4">Typ Instalacji
PV</h3>
            <div class="grid grid-cols-2 gap-3 mb-4">
                <button onclick="selectInstallationType('roof')" id="roofBtn"
class="installation-type-btn bg-white/20 hover:bg-white/30 text-white p-3 rounded-lg
transition-colors">
                    🏠 Na Dachu
                </button>
                <button onclick="selectInstallationType('ground')" id="groundBtn"
class="installation-type-btn bg-white/20 hover:bg-white/30 text-white p-3 rounded-lg
transition-colors">
                    🌱 Na Gruncie
                </button>
            </div>
        </div>

        <!-- Power Selection -->
```

```html
<div class="service-card bg-white/10 rounded-2xl p-6 mb-6" id="powerSection" style="display: none;">
    <h3 class="text-lg font-semibold text-white mb-4">Moc Instalacji</h3>
    <select id="powerSelect" class="w-full bg-white/20 text-white rounded-lg p-3 border border-white/30 text-lg" onchange="selectPowerFromDropdown()">
        <option value="" class="text-gray-800">Wybierz moc instalacji...</option>
        <option value="3.51" class="text-gray-800">3,51 kW (6 modułów)</option>
        <option value="4.095" class="text-gray-800">4,095 kW (7 modułów)</option>
        <option value="4.68" class="text-gray-800">4,68 kW (8 modułów)</option>
        <option value="5.265" class="text-gray-800">5,265 kW (9 modułów)</option>
        <option value="5.85" class="text-gray-800">5,85 kW (10 modułów)</option>
        <option value="6.435" class="text-gray-800">6,435 kW (11 modułów)</option>
        <option value="7.02" class="text-gray-800">7,02 kW (12 modułów)</option>
        <option value="7.605" class="text-gray-800">7,605 kW (13 modułów)</option>
        <option value="8.19" class="text-gray-800">8,19 kW (14 modułów)</option>
        <option value="8.775" class="text-gray-800">8,775 kW (15 modułów)</option>
        <option value="9.36" class="text-gray-800">9,36 kW (16 modułów)</option>
        <option value="9.945" class="text-gray-800">9,945 kW (17 modułów)</option>
        <option value="10.53" class="text-gray-800">10,53 kW (18 modułów)</option>
        <option value="11.115" class="text-gray-800">11,115 kW (19 modułów)</option>
        <option value="11.7" class="text-gray-800">11,7 kW (20 modułów)</option>
        <option value="12.285" class="text-gray-800">12,285 kW (21 modułów)</option>
        <option value="12.87" class="text-gray-800">12,87 kW (22 moduły)</option>
        <option value="13.455" class="text-gray-800">13,455 kW (23 moduły)</option>
        <option value="14.04" class="text-gray-800">14,04 kW (24 moduły)</option>
        <option value="14.625" class="text-gray-800">14,625 kW (25 modułów)</option>
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                    <option value="15.21" class="text-gray-800">15,21 kW (26 modułów)</option>
                    <option value="15.795" class="text-gray-800">15,795 kW (27 modułów)</option>
                    <option value="16.38" class="text-gray-800">16,38 kW (28 modułów)</option>
                    <option value="16.965" class="text-gray-800">16,965 kW (29 modułów)</option>
                    <option value="17.55" class="text-gray-800">17,55 kW (30 modułów)</option>
                    <option value="18.135" class="text-gray-800">18,135 kW (31 modułów)</option>
                    <option value="18.72" class="text-gray-800">18,72 kW (32 moduły)</option>
                    <option value="19.305" class="text-gray-800">19,305 kW (33 moduły)</option>
                    <option value="19.89" class="text-gray-800">19,89 kW (34 moduły)</option>
                </select>
            </div>

            <!-- Inverter and Storage Section -->
            <div class="grid md:grid-cols-2 gap-4 mb-6">
                <!-- Inverter Selection -->
                <div class="service-card bg-white/10 rounded-2xl p-6" id="inverterSectionGrid" style="display: none;">
                    <h3 class="text-lg font-semibold text-white mb-4">⚡ Falownik Deye HYD</h3>
                    <select id="inverterTypeGrid" class="w-full bg-white/20 text-white rounded-lg p-2 border border-white/30" onchange="updateCalculation()">
                        <option value="8497.08" class="text-gray-800">SUN-3.6K-SG03LP1 1FAZ</option>
                        <option value="13778.58" class="text-gray-800">SUN-5K-SG04LP3</option>
                        <option value="13970.54" class="text-gray-800">SUN-6K-SG04LP3</option>
                        <option value="14162.48" class="text-gray-800">SUN-8K-SG04LP3</option>
                        <option value="14552.96" class="text-gray-800">SUN-10K-SG04LP3</option>
                        <option value="14943.46" class="text-gray-800">SUN-12K-SG04LP3</option>
                        <option value="15330.64" class="text-gray-800">SUN-15K-SG01HP3</option>
                        <option value="15717.82" class="text-gray-800">SUN-20K-SG01HP3</option>
                        <option value="16882.67" class="text-gray-800">SUN-25K-SG01HP3</option>
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                    <option value="25427.11" class="text-gray-800">SUN-30K-SG01HP3</option>
                </select>
            </div>

            <!-- Energy Storage -->
            <div class="service-card bg-white/10 rounded-2xl p-6" id="storageSection" style="display: none;">
                <h3 class="text-lg font-semibold text-white mb-4">🔋 Magazyn Energii</h3>
                <select id="storageCapacity" class="w-full bg-white/20 text-white rounded-lg p-2 border border-white/30" onchange="updateCalculation()">
                    <option value="7892.28" class="text-gray-800">5 kWh</option>
                    <option value="14186.67" class="text-gray-800">10 kWh</option>
                    <option value="19386.76" class="text-gray-800">15 kWh</option>
                    <option value="24586.67" class="text-gray-800">20 kWh</option>
                    <option value="30859.85" class="text-gray-800">25 kWh</option>
                    <option value="38773.33" class="text-gray-800">30 kWh</option>
                    <option value="43783.33" class="text-gray-800">35 kWh</option>
                    <option value="49173.33" class="text-gray-800">40 kWh</option>
                </select>
            </div>
        </div>

        <!-- Additional Options -->
        <div class="grid md:grid-cols-2 gap-4 mb-6">

            <!-- Wind Turbine -->
            <div class="service-card bg-white/10 rounded-2xl p-6 mb-4">
                <div class="flex items-center justify-between mb-4">
                    <h3 class="text-lg font-semibold text-white">🌬️ Turbina Wiatrowa</h3>
                    <label class="relative inline-flex items-center cursor-pointer">
                        <input type="checkbox" id="turbine" class="sr-only peer" onchange="handleTurbineChange()">
                        <div class="w-11 h-6 bg-gray-200 peer-focus:outline-none rounded-full peer peer-checked:after:translate-x-full peer-checked:after:border-white after:content-[''] after:absolute after:top-[2px] after:left-[2px] after:bg-white after:rounded-full after:h-5 after:w-5 after:transition-all peer-checked:bg-gradient-to-r peer-checked:from-blue-500 peer-checked:to-green-500"></div>
                    </label>
```

```html
            </div>
            <div id="turbineControls" class="hidden">
                <div class="text-white/80 text-sm">
                    <div class="font-semibold">XALTUS 6kW</div>
                    <div>Cena: 30 000 zł</div>
                    <div class="text-green-300 text-xs mt-1">✓ Automatycznie
aktywuje dotację</div>
                </div>
            </div>
        </div>

        <!-- Additional Options -->
        <div class="service-card bg-white/10 rounded-2xl p-4">
            <div class="flex items-center justify-between mb-3 cursor-pointer"
onclick="toggleAdditionalOptions()">
                <h3 class="text-lg font-semibold text-white">🔧 Dodatkowe
Opcje</h3>
                <div id="additionalOptionsToggle" class="text-white text-xl
transform transition-transform">▼</div>
            </div>
            <div id="additionalOptionsContent" class="space-y-2">
                <div class="space-y-2">
                    <div class="flex items-center justify-between">
                        <div class="text-white text-sm">Przekop (500 zł + 30
zł/m)</div>
                        <label class="relative inline-flex items-center
cursor-pointer">
                            <input type="checkbox" id="excavation" class="sr-only
peer" onchange="handleExcavationChange()">
                            <div class="w-9 h-5 bg-gray-200 peer-focus:outline-none
rounded-full peer peer-checked:after:translate-x-full peer-checked:after:border-white
after:content-['] after:absolute after:top-[2px] after:left-[2px] after:bg-white
after:rounded-full after:h-4 after:w-4 after:transition-all peer-checked:bg-gradient-to-r
peer-checked:from-blue-500 peer-checked:to-green-500"></div>
                        </label>
                    </div>
                    <div id="excavationMeters" class="hidden">
                        <input type="number" id="excavationLength" min="1"
step="1" value="1" class="w-full bg-white/20 text-white rounded-lg p-2 text-sm border
border-white/30 placeholder-white/50" placeholder="Ilość metrów"
onchange="updateCalculation()">
                        <div class="text-xs text-white/70 mt-1">Koparka: 500 zł +
metry × 30 zł</div>
                    </div>
                </div>
                <div class="flex items-center justify-between">
                    <div class="text-white text-sm">Backup (+2500 zł)</div>
                    <label class="relative inline-flex items-center cursor-pointer">
```

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                        <input type="checkbox" id="backup" class="sr-only peer"
onchange="updateCalculation()">
                        <div class="w-9 h-5 bg-gray-200 peer-focus:outline-none
rounded-full peer peer-checked:after:translate-x-full peer-checked:after:border-white
after:content-['] after:absolute after:top-[2px] after:left-[2px] after:bg-white
after:rounded-full after:h-4 after:w-4 after:transition-all peer-checked:bg-gradient-to-r
peer-checked:from-blue-500 peer-checked:to-green-500"></div>
                    </label>
                </div>
                <div class="space-y-2 pt-2 border-t border-white/20">
                    <div class="flex items-center space-x-3">
                        <label class="text-white text-sm">Marża:</label>
                        <input type="number" id="marginAmount" min="0"
step="0.01" value="0" class="flex-1 bg-white/20 text-white rounded-lg p-1.5 text-sm
border border-white/30 placeholder-white/50" placeholder="0 zł"
onchange="updateCalculation()">
                    </div>

                    <div class="flex items-center space-x-3">
                        <label class="text-white text-sm">Cena umowy:</label>
                        <input type="number" id="contractPrice" min="0"
step="0.01" value="0" class="flex-1 bg-white/20 text-white rounded-lg p-1.5 text-sm
border border-white/30 placeholder-white/50" placeholder="0 zł brutto"
onchange="calculateMarginFromContract()">
                    </div>
                </div>
            </div>
        </div>

        <!-- VAT Rate -->
        <div class="service-card bg-white/10 rounded-2xl p-6">
            <h3 class="text-lg font-semibold text-white mb-4">📊 Stawka
VAT</h3>
            <select id="vatRate" class="w-full bg-white/20 text-white rounded-lg
p-2 border border-white/30" onchange="updateCalculation()">
                <option value="8" class="text-gray-800">8% VAT</option>
                <option value="23" class="text-gray-800">23% VAT</option>
            </select>
        </div>
    </div>

    <!-- Inverter Selection -->
    <div class="service-card bg-white/10 rounded-2xl p-6"
id="inverterSection" style="display: none;">
        <h3 class="text-lg font-semibold text-white mb-4">⚡ Falownik Deye
HYD</h3>
        <select id="inverterType" class="w-full bg-white/20 text-white
rounded-lg p-2 border border-white/30" onchange="updateCalculation()">
```

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                <option value="8497.08"
class="text-gray-800">SUN-3.6K-SG03LP1 1FAZ</option>
                <option value="13778.58"
class="text-gray-800">SUN-5K-SG04LP3</option>
                <option value="13970.54"
class="text-gray-800">SUN-6K-SG04LP3</option>
                <option value="14162.48"
class="text-gray-800">SUN-8K-SG04LP3</option>
                <option value="14552.96"
class="text-gray-800">SUN-10K-SG04LP3</option>
                <option value="14943.46"
class="text-gray-800">SUN-12K-SG04LP3</option>
                <option value="15330.64"
class="text-gray-800">SUN-15K-SG01HP3</option>
                <option value="15717.82"
class="text-gray-800">SUN-20K-SG01HP3</option>
                <option value="16882.67"
class="text-gray-800">SUN-25K-SG01HP3</option>
                <option value="25427.11"
class="text-gray-800">SUN-30K-SG01HP3</option>
            </select>
          </div>
        </div>


    </div>
  </div>

  <!-- Price Summary Section -->
  <div class="glass-effect rounded-3xl p-8 mb-8 fade-in">
    <div class="max-w-6xl mx-auto">
      <h2 class="text-3xl font-bold text-white mb-8 text-center">💰 Wycena i
Finansowanie</h2>

        <div class="grid lg:grid-cols-2 gap-8">
          <!-- Price Summary -->
          <div class="bg-white rounded-2xl p-6">
            <h3 class="text-xl font-bold text-gray-800 mb-4 text-center">📊
Podsumowanie Ceny</h3>

              <div id="selectedPowerInfo" class="mb-4 p-4 bg-blue-50 rounded-lg
hidden">
                <div class="text-sm text-blue-800">
                  <div class="font-semibold">Wybrana moc:</div>
                  <div id="powerDetails"></div>
                </div>
              </div>
```

```html
<div id="priceBreakdown" class="space-y-3 mb-4">
    <div class="text-gray-600 text-center py-8">
        Wybierz moc instalacji, aby zobaczyć wycenę
    </div>
</div>

<div class="border-t pt-4">
    <!-- Cena przed dotacją -->
    <div id="priceBeforeGrantSection" class="mb-4 p-3 bg-gray-50 rounded-lg" style="display: none;">
        <div class="text-center mb-2">
            <span class="text-sm font-semibold text-gray-600">CENA PRZED DOTACJĄ</span>
        </div>
        <div class="flex justify-between items-center mb-1">
            <span class="text-sm text-gray-600">Netto:</span>
            <span id="netPriceBefore" class="text-sm font-semibold text-gray-800">0 zł</span>
        </div>
        <div class="flex justify-between items-center mb-1">
            <span class="text-xs text-gray-500" id="vatLabelBefore">VAT (8%):</span>
            <span id="vatAmountBefore" class="text-xs text-gray-500">0 zł</span>
        </div>
        <div class="flex justify-between items-center border-t pt-1">
            <span class="text-sm font--bold text-gray-800">Brutto:</span>
            <span id="totalPriceBefore" class="text-lg font-bold text-gray-800">0 zł</span>
        </div>
    </div>

    <!-- Cena aktualna -->
    <div class="flex justify-between items-center mb-2">
        <span class="text-lg font-bold text-gray-800">Cena netto:</span>
        <span id="netPrice" class="text-2xl font-bold text-gray-800">0 zł</span>
    </div>
    <div class="flex justify-between items-center mb-2">
        <span class="text-sm text-gray-600" id="vatLabel">VAT (8%):</span>
        <span id="vatAmount" class="text-sm text-gray-600">0 zł</span>
    </div>
    <div class="flex justify-between items-center">
        <span class="text-xl font-bold text-gray-800">Cena brutto:</span>
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                    <span id="totalPrice" class="text-3xl font-bold price-display">0
zł</span>
                </div>


            </div>

            <!-- Action Buttons -->
            <div class="mt-6 space-y-3">
                <button onclick="resetCalculator()" class="w-full bg-gray-500
hover:bg-gray-600 text-white font-semibold py-2 px-6 rounded-xl transition-colors">
                    🔄 Wyczyść Kalkulator
                </button>
            </div>

            <!-- Energy Production Info -->
            <div class="mt-6 bg-blue-50 rounded-xl p-4">
                <h4 class="text-blue-800 font-semibold mb-2">📊 Szacunkowa
produkcja energii</h4>
                    <div id="energyProduction" class="text-blue-700 text-sm">
                        Wybierz moc instalacji
                    </div>
                </div>
            </div>

            <!-- Grant and Financing Section -->
            <div class="space-y-6">
                <!-- Grant Section -->
                <div class="bg-white rounded-2xl p-6">
                    <div class="flex items-center justify-between mb-4">
                        <h4 class="text-gray-800 font-bold text-lg">🏛️ Dotacja "Moja
Elektrownia Wiatrowa"</h4>
                        <label class="relative inline-flex items-center cursor-pointer">
                            <input type="checkbox" id="grant" class="sr-only peer"
onchange="updateCalculation()">
                            <div class="w-11 h-6 bg-gray-200 peer-focus:outline-none
rounded-full peer peer-checked:after:translate-x-full peer-checked:after:border-white
after:content-['] after:absolute after:top-[2px] after:left-[2px] after:bg-white
after:rounded-full after:h-5 after:w-5 after:transition-all peer-checked:bg-gradient-to-r
peer-checked:from-blue-500 peer-checked:to-green-500"></div>
                        </label>
                    </div>

                    <div id="grantDetails" class="bg-gray-50 rounded-lg
overflow-hidden">
                        <table class="w-full text-gray-800 text-sm">
                            <tbody>
                                <tr class="border-b border-gray-200">
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                                <td class="py-2 px-3 font-medium">Cena przed
dotacją:</td>
                                <td class="py-2 px-3 text-right font-semibold"
id="priceBeforeGrant">0 zł</td>
                            </tr>
                            <tr class="border-b border-gray-200">
                                <td class="py-2 px-3 font-medium">Kwota dotacji:</td>
                                <td class="py-2 px-3 text-right font-semibold
text-green-600" id="grantAmountDisplay">0 zł</td>
                            </tr>
                            <tr class="bg-green-50">
                                <td class="py-3 px-3 font-bold">Cena po dotacji:</td>
                                <td class="py-3 px-3 text-right font-bold text-green-700
text-lg" id="priceAfterGrant">0 zł</td>
                            </tr>
                        </tbody>
                    </table>
                </div>
            </div>

            <!-- Financing Section -->
            <div class="bg-white rounded-2xl p-6">
                <h4 class="text-gray-800 font-bold mb-6 text-xl text-center">💳
Kalkulator Finansowania</h4>

                <!-- Own Contribution -->
                <div class="mb-6">
                    <label class="text-gray-800 text-lg mb-3 block
font-semibold">Wkład własny:</label>
                    <input type="number" id="ownContribution" min="0" step="1000"
value="0" class="w-full bg-gray-50 text-gray-800 rounded-lg p-3 border
border-gray-300 placeholder-gray-500 text-lg" placeholder="0 zł"
onchange="updateFinancing()">
                </div>

                <!-- Loan Table -->
                <div class="bg-white rounded-xl border border-gray-200
shadow-sm">
                    <h5 class="text-gray-800 font-bold mb-4 text-center text-lg p-4
border-b">📊 Symulacja rat kredytowych (RRSO 12,72%)</h5>

                    <div class="overflow-hidden">
                        <table class="w-full">
                            <thead class="bg-gradient-to-r from-blue-600 to-green-600
text-white">
                                <tr>
                                    <th class="py-3 px-4 text-left font-semibold
text-sm">Okres</th>
```

```html
                                    <th class="py-3 px-4 text-center font-semibold text-sm">Przed dotacją</th>
                                    <th class="py-3 px-4 text-center font-semibold text-sm">Po dotacji</th>
                                </tr>
                            </thead>
                            <tbody class="text-gray-800">
                                <tr class="border-b border-gray-100 hover:bg-gray-50">
                                    <td class="py-2 px-4 font-medium text-sm">12 miesięcy</td>
                                    <td class="py-2 px-4 text-center font-semibold text-sm" id="rate12Before">0 zł</td>
                                    <td class="py-2 px-4 text-center font-semibold text-green-600 text-sm" id="rate12After">0 zł</td>
                                </tr>
                                <tr class="border-b border-gray-100 hover:bg-gray-50">
                                    <td class="py-2 px-4 font-medium text-sm">24 miesięcy</td>
                                    <td class="py-2 px-4 text-center font-semibold text-sm" id="rate24Before">0 zł</td>
                                    <td class="py-2 px-4 text-center font-semibold text-green-600 text-sm" id="rate24After">0 zł</td>
                                </tr>
                                <tr class="border-b border-gray-100 hover:bg-gray-50">
                                    <td class="py-2 px-4 font-medium text-sm">36 miesięcy</td>
                                    <td class="py-2 px-4 text-center font-semibold text-sm" id="rate36Before">0 zł</td>
                                    <td class="py-2 px-4 text-center font-semibold text-green-600 text-sm" id="rate36After">0 zł</td>
                                </tr>
                                <tr class="border-b border-gray-100 hover:bg-gray-50">
                                    <td class="py-2 px-4 font-medium text-sm">48 miesięcy</td>
                                    <td class="py-2 px-4 text-center font-semibold text-sm" id="rate48Before">0 zł</td>
                                    <td class="py-2 px-4 text-center font-semibold text-green-600 text-sm" id="rate48After">0 zł</td>
                                </tr>
                                <tr class="border-b border-gray-100 hover:bg-gray-50">
                                    <td class="py-2 px-4 font-medium text-sm">60 miesięcy</td>
                                    <td class="py-2 px-4 text-center font-semibold text-sm" id="rate60Before">0 zł</td>
                                    <td class="py-2 px-4 text-center font-semibold text-green-600 text-sm" id="rate60After">0 zł</td>
                                </tr>
                                <tr class="border-b border-gray-100 hover:bg-gray-50">
```

```html
                    <td class="py-2 px-4 font-medium text-sm">72 miesięcy</td>
                    <td class="py-2 px-4 text-center font-semibold text-sm" id="rate72Before">0 zł</td>
                    <td class="py-2 px-4 text-center font-semibold text-green-600 text-sm" id="rate72After">0 zł</td>
                </tr>
                <tr class="border-b border-gray-100 hover:bg-gray-50">
                    <td class="py-2 px-4 font-medium text-sm">84 miesięcy</td>
                    <td class="py-2 px-4 text-center font-semibold text-sm" id="rate84Before">0 zł</td>
                    <td class="py-2 px-4 text-center font-semibold text-green-600 text-sm" id="rate84After">0 zł</td>
                </tr>
                <tr class="border-b border-gray-100 hover:bg-gray-50">
                    <td class="py-2 px-4 font-medium text-sm">96 miesięcy</td>
                    <td class="py-2 px-4 text-center font-semibold text-sm" id="rate96Before">0 zł</td>
                    <td class="py-2 px-4 text-center font-semibold text-green-600 text-sm" id="rate96After">0 zł</td>
                </tr>
                <tr class="border-b border-gray-100 hover:bg-gray-50">
                    <td class="py-2 px-4 font-medium text-sm">108 miesięcy</td>
                    <td class="py-2 px-4 text-center font-semibold text-sm" id="rate108Before">0 zł</td>
                    <td class="py-2 px-4 text-center font-semibold text-green-600 text-sm" id="rate108After">0 zł</td>
                </tr>
                <tr class="hover:bg-gray-50">
                    <td class="py-2 px-4 font-medium text-sm">120 miesięcy</td>
                    <td class="py-2 px-4 text-center font-semibold text-sm" id="rate120Before">0 zł</td>
                    <td class="py-2 px-4 text-center font-semibold text-green-600 text-sm" id="rate120After">0 zł</td>
                </tr>
            </tbody>
        </table>
    </div>

    <div class="p-3 text-center text-xs text-gray-600 border-t bg-gray-50">
        <p>💡 Wszystkie kwoty to miesięczne raty</p>
    </div>
</div>
```

```
                </div>
              </div>
            </div>
          </div>
        </div>

        <!-- Mobile Summary Section -->
        <div class="glass-effect rounded-3xl p-6 mb-8 fade-in lg:hidden">
          <h2 class="text-2xl font-bold text-white mb-4 text-center">📱 Podsumowanie
Mobilne</h2>

          <div class="bg-white rounded-2xl p-4 space-y-3">
            <!-- Client Name -->
            <div id="mobileClientInfo" class="bg-purple-50 rounded-lg p-3 text-center"
style="display: none;">
              <div class="text-sm font-semibold text-purple-800">Klient:</div>
              <div id="mobileClientName" class="text-lg font-bold
text-purple-700"></div>
              <div id="mobileClientDate" class="text-sm text-purple-600"></div>
            </div>

            <!-- Selected Configuration -->
            <div id="mobileSummaryConfig" class="bg-blue-50 rounded-lg p-3">
              <div class="text-sm font-semibold text-blue-800 mb-1">Wybrana
konfiguracja:</div>
              <div id="mobileConfigDetails" class="text-xs text-blue-700">
                Wybierz produkt i konfigurację
              </div>
            </div>

            <!-- Price Summary -->
            <div class="grid grid-cols-2 gap-3 mb-3">
              <div class="bg-gray-50 rounded-lg p-3 text-center">
                <div class="text-xs text-gray-600 mb-1">Cena netto</div>
                <div id="mobileNetPrice" class="text-sm font-bold text-gray-800">0
zł</div>
              </div>
              <div class="bg-green-50 rounded-lg p-3 text-center">
                <div class="text-xs text-gray-600 mb-1">Cena brutto</div>
                <div id="mobileGrossPrice" class="text-lg font-bold text-green-700">0
zł</div>
              </div>
            </div>

            <!-- Margin and Contract Price -->
            <div class="grid grid-cols-2 gap-3">
              <div class="bg-purple-50 rounded-lg p-3 text-center">
                <div class="text-xs text-purple-600 mb-1">Marża</div>
```

```html
            <div id="mobileMargin" class="text-sm font-bold text-purple-700">0
zł</div>
            </div>
            <div class="bg-orange-50 rounded-lg p-3 text-center">
                <div class="text-xs text-orange-600 mb-1">Cena umowy
(brutto)</div>
                <div id="mobileContractPrice" class="text-sm font-bold
text-orange-700">0 zł</div>
            </div>
        </div>

        <!-- Grant Info -->
        <div id="mobileGrantInfo" class="bg-yellow-50 rounded-lg p-3"
style="display: none;">
            <div class="text-xs font-semibold text-yellow-800 mb-2">🏛 Dotacja
"Moja Elektrownia Wiatrowa"</div>
            <div class="grid grid-cols-3 gap-2 text-xs">
                <div class="text-center">
                    <div class="text-yellow-600">Przed dotacją</div>
                    <div class="font-bold text-yellow-800"
id="mobilePriceBeforeGrant">0 zł</div>
                </div>
                <div class="text-center">
                    <div class="text-yellow-600">Dotacja</div>
                    <div class="font-bold text-green-600">-47 000 zł</div>
                </div>
                <div class="text-center">
                    <div class="text-yellow-600">Po dotacji</div>
                    <div class="font-bold text-yellow-700" id="mobilePriceAfterGrant">0
zł</div>
                </div>
            </div>
        </div>

        <!-- Energy Production -->
        <div class="bg-blue-50 rounded-lg p-3">
            <div class="text-xs font-semibold text-blue-800 mb-1">Produkcja
energii</div>
            <div id="mobileEnergyDetails" class="text-xs text-blue-700">
                Wybierz moc instalacji
            </div>
        </div>

        <!-- Complete Financing Table -->
        <div class="bg-purple-50 rounded-lg p-3">
            <div class="text-xs font-semibold text-purple-800 mb-2">Wszystkie raty
(RRSO 12,72%)</div>
            <div class="overflow-x-auto">
```

```html
<table class="w-full text-xs">
    <thead>
        <tr class="border-b border-purple-200">
            <th class="text-left text-purple-700 py-1">Okres</th>
            <th class="text-center text-purple-700 py-1">Przed</th>
            <th class="text-center text-purple-700 py-1">Po</th>
        </tr>
    </thead>
    <tbody class="text-purple-800">
        <tr class="border-b border-purple-100">
            <td class="py-1">12m</td>
            <td class="text-center font-semibold" id="mobileRate12Before">0 zł</td>
            <td class="text-center font-semibold text-green-600" id="mobileRate12After">0 zł</td>
        </tr>
        <tr class="border-b border-purple-100">
            <td class="py-1">24m</td>
            <td class="text-center font-semibold" id="mobileRate24Before">0 zł</td>
            <td class="text-center font-semibold text-green-600" id="mobileRate24After">0 zł</td>
        </tr>
        <tr class="border-b border-purple-100">
            <td class="py-1">36m</td>
            <td class="text-center font-semibold" id="mobileRate36Before">0 zł</td>
            <td class="text-center font-semibold text-green-600" id="mobileRate36After">0 zł</td>
        </tr>
        <tr class="border-b border-purple-100">
            <td class="py-1">48m</td>
            <td class="text-center font-semibold" id="mobileRate48Before">0 zł</td>
            <td class="text-center font-semibold text-green-600" id="mobileRate48After">0 zł</td>
        </tr>
        <tr class="border-b border-purple-100">
            <td class="py-1">60m</td>
            <td class="text-center font-semibold" id="mobileRate60Before">0 zł</td>
            <td class="text-center font-semibold text-green-600" id="mobileRate60After">0 zł</td>
        </tr>
        <tr class="border-b border-purple-100">
            <td class="py-1">72m</td>
            <td class="text-center font-semibold" id="mobileRate72Before">0 zł</td>
```

```html
                    <td class="text-center font-semibold text-green-600" id="mobileRate72After">0 zł</td>
                </tr>
                <tr class="border-b border-purple-100">
                    <td class="py-1">84m</td>
                    <td class="text-center font-semibold" id="mobileRate84Before">0 zł</td>
                    <td class="text-center font-semibold text-green-600" id="mobileRate84After">0 zł</td>
                </tr>
                <tr class="border-b border-purple-100">
                    <td class="py-1">96m</td>
                    <td class="text-center font-semibold" id="mobileRate96Before">0 zł</td>
                    <td class="text-center font-semibold text-green-600" id="mobileRate96After">0 zł</td>
                </tr>
                <tr class="border-b border-purple-100">
                    <td class="py-1">108m</td>
                    <td class="text-center font-semibold" id="mobileRate108Before">0 zł</td>
                    <td class="text-center font-semibold text-green-600" id="mobileRate108After">0 zł</td>
                </tr>
                <tr>
                    <td class="py-1">120m</td>
                    <td class="text-center font-semibold" id="mobileRate120Before">0 zł</td>
                    <td class="text-center font-semibold text-green-600" id="mobileRate120After">0 zł</td>
                </tr>
            </tbody>
        </table>
    </div>
</div>


    </div>
    </div>

    <!-- Quote Modal -->
    <div id="quoteModal" class="fixed inset-0 bg-black/50 backdrop-blur-sm hidden items-center justify-center z-50 p-4">
        <div class="bg-white rounded-3xl p-8 max-w-2xl w-full max-h-[90vh] overflow-y-auto">
            <div class="text-center mb-6">
                <h3 class="text-2xl font-bold text-gray-800 mb-2">📋 Oferta Instalacji</h3>
```

```html
        <p class="text-gray-600">ATOMIC</p>
      </div>

      <div id="quoteContent" class="space-y-4 mb-6">
        <!-- Quote content will be inserted here -->
      </div>

      <div class="flex space-x-3">
        <button onclick="closeQuote()" class="flex-1 bg-gray-200
hover:bg-gray-300 text-gray-800 font-semibold py-3 px-4 rounded-xl
transition-colors">
          Zamknij
        </button>
        <button onclick="copyQuote()" class="flex-1 bg-gradient-to-r
from-blue-600 to-green-600 hover:from-blue-700 hover:to-green-700 text-white
font-semibold py-3 px-4 rounded-xl transition-all">
          📋 Kopiuj Ofertę
        </button>
      </div>
    </div>
  </div>
</div>

<script>
  // Pricing data based on your table
  const pricingData = {
    3.51: { modules: 6, basePrice: 16315.05, groundWork: 1698.50 },
    4.095: { modules: 7, basePrice: 18615.05, groundWork: 1698.50 },
    4.68: { modules: 8, basePrice: 20257.26, groundWork: 1655.25 },
    5.265: { modules: 9, basePrice: 27130.79, groundWork: 1837.88 },
    5.85: { modules: 10, basePrice: 28772.99, groundWork: 1794.76 },
    6.435: { modules: 11, basePrice: 29812.55, groundWork: 1913.99 },
    7.02: { modules: 12, basePrice: 31399.19, groundWork: 1870.25 },
    7.605: { modules: 13, basePrice: 33186.12, groundWork: 2439.88 },
    8.19: { modules: 14, basePrice: 34900.82, groundWork: 2357.50 },
    8.775: { modules: 15, basePrice: 36592.74, groundWork: 2536.71 },
    9.36: { modules: 16, basePrice: 38821.03, groundWork: 2492.98 },
    9.945: { modules: 17, basePrice: 40518.16, groundWork: 2613.13 },
    10.53: { modules: 18, basePrice: 42057.21, groundWork: 2771.25 },
    11.115: { modules: 19, basePrice: 43596.27, groundWork: 3137.65 },
    11.7: { modules: 20, basePrice: 45106.78, groundWork: 3093.90 },
    12.285: { modules: 21, basePrice: 45057.24, groundWork: 3212.64 },
    12.87: { modules: 22, basePrice: 45608.44, groundWork: 3168.89 },
    13.455: { modules: 23, basePrice: 47021.52, groundWork: 3561.88 },
    14.04: { modules: 24, basePrice: 48434.60, groundWork: 3720.00 },
    14.625: { modules: 25, basePrice: 50247.22, groundWork: 3875.25 },
    15.21: { modules: 26, basePrice: 51709.99, groundWork: 3797.13 },
    15.795: { modules: 27, basePrice: 53123.07, groundWork: 4160.00 },
```

```javascript
      16.38: { modules: 28, basePrice: 54590.24, groundWork: 4318.13 },
      16.965: { modules: 29, basePrice: 56003.33, groundWork: 4476.25 },
      17.55: { modules: 30, basePrice: 57530.17, groundWork: 4634.38 },
      18.135: { modules: 31, basePrice: 57852.25, groundWork: 4792.50 },
      18.72: { modules: 32, basePrice: 59319.41, groundWork: 4950.63 },
      19.305: { modules: 33, basePrice: 60732.51, groundWork: 5108.75 },
      19.89: { modules: 34, basePrice: 62199.67, groundWork: 5266.88 }
};

let selectedPower = null;
let selectedModules = null;
let installationType = null; // 'roof' or 'ground'
let selectedProduct = null; // 'pv_me' or 'inverter_me'

function selectProduct(product) {
    selectedProduct = product;

    // Update button states
    document.querySelectorAll('.product-btn').forEach(btn => {
        btn.classList.remove('bg-green-500', 'bg-white/30');
        btn.classList.add('bg-white/20');
    });

    if (product === 'pv_me') {
        document.getElementById('pvMeBtn').classList.remove('bg-white/20');
        document.getElementById('pvMeBtn').classList.add('bg-green-500');
        // Show installation type selection for PV+ME
        document.getElementById('installationTypeSection').style.display = 'block';
        // Hide inverter sections for PV+ME (inverter included in base price)
        document.getElementById('inverterSection').style.display = 'none';
        document.getElementById('inverterSectionGrid').style.display = 'none';
        // Show storage section for PV+ME
        document.getElementById('storageSection').style.display = 'block';
    } else if (product === 'inverter_me') {
        document.getElementById('inverterMeBtn').classList.remove('bg-white/20');
        document.getElementById('inverterMeBtn').classList.add('bg-green-500');
        // Hide installation type selection for inverter replacement
        document.getElementById('installationTypeSection').style.display = 'none';
        // Hide power section for inverter replacement
        document.getElementById('powerSection').style.display = 'none';
        // Show inverter section immediately (grid version)
        document.getElementById('inverterSection').style.display = 'none';
        document.getElementById('inverterSectionGrid').style.display = 'block';
        // Show storage section immediately
        document.getElementById('storageSection').style.display = 'block';
    }

    // Reset selections
```

```
        resetSelections();
        updateCalculation();
    }

    function selectInstallationType(type) {
        installationType = type;

        // Update button states
        document.querySelectorAll('.installation-type-btn').forEach(btn => {
            btn.classList.remove('bg-green-500', 'bg-white/30');
            btn.classList.add('bg-white/20');
        });

        if (type === 'roof') {
            document.getElementById('roofBtn').classList.remove('bg-white/20');
            document.getElementById('roofBtn').classList.add('bg-green-500');
        } else {
            document.getElementById('groundBtn').classList.remove('bg-white/20');
            document.getElementById('groundBtn').classList.add('bg-green-500');
        }

        // Show power selection
        document.getElementById('powerSection').style.display = 'block';

        // Reset power selection
        document.getElementById('powerSelect').value = '';
        selectedPower = null;
        selectedModules = null;
        document.getElementById('selectedPowerInfo').classList.add('hidden');
        document.getElementById('inverterSection').style.display = 'none';
        updateCalculation();
    }

    function selectPowerFromDropdown() {
        const powerSelect = document.getElementById('powerSelect');
        const power = parseFloat(powerSelect.value);

        if (!power) {
            selectedPower = null;
            selectedModules = null;
            document.getElementById('selectedPowerInfo').classList.add('hidden');
            document.getElementById('inverterSection').style.display = 'none';
            updateCalculation();
            return;
        }

        selectedPower = power;
        selectedModules = pricingData[power].modules;
```

```javascript
        // Show power info
        document.getElementById('selectedPowerInfo').classList.remove('hidden');
        document.getElementById('powerDetails').innerHTML = `
           <div>${power} kW (${selectedModules} modułów)</div>
           <div class="text-xs">Roczna produkcja: ~${Math.round(power * 1000)}
kWh</div>
           `;

        // For PV+ME, don't show inverter section (included in base price)
        if (selectedProduct === 'inverter_me') {
           document.getElementById('inverterSection').style.display = 'block';
        }

        updateCalculation();
    }

    function calculateMarginFromContract() {
        const contractPrice =
parseFloat(document.getElementById('contractPrice').value) || 0;

        if (contractPrice === 0) {
           document.getElementById('marginAmount').value = 0;
           updateCalculation();
           return;
        }

        // Get current base price without margin
        let baseNetPrice = 0;
        const turbineChecked = document.getElementById('turbine').checked;
        const excavationChecked = document.getElementById('excavation').checked;
        const backupChecked = document.getElementById('backup').checked;

        if (selectedProduct === 'pv_me' && selectedPower && installationType) {
           const data = pricingData[selectedPower];
           baseNetPrice = data.basePrice;

           // Ground work
           if (installationType === 'ground') {
              baseNetPrice += data.groundWork;
           }

           // Energy storage
           const storagePrice =
parseFloat(document.getElementById('storageCapacity').value);
           baseNetPrice += storagePrice;

        } else if (selectedProduct === 'inverter_me') {
```

```javascript
        // Inverter replacement
        const inverterPrice =
parseFloat(document.getElementById('inverterTypeGrid').value);
        baseNetPrice += inverterPrice;

        // Energy storage
        const storagePrice =
parseFloat(document.getElementById('storageCapacity').value);
        baseNetPrice += storagePrice;
    }

    // Additional options
    if (turbineChecked) baseNetPrice += 30000;
    if (excavationChecked) {
        const excavationLength =
parseFloat(document.getElementById('excavationLength').value) || 1;
        baseNetPrice += 500 + (excavationLength * 30);
    }
    if (backupChecked) baseNetPrice += 2500;

    // Apply grant discount
    const grantChecked = document.getElementById('grant').checked;
    const grantAmount = grantChecked ? 47000 : 0;
    baseNetPrice -= grantAmount;

    // Add company margin (20,000 zł) - always included
    baseNetPrice += 20000;

    // Calculate VAT
    const vatRate = parseFloat(document.getElementById('vatRate').value) / 100;
    const baseGrossPrice = baseNetPrice * (1 + vatRate);

    // Calculate required margin
    const requiredMarginGross = contractPrice - baseGrossPrice;
    const requiredMarginNet = requiredMarginGross / (1 + vatRate);

    // Update margin field
    document.getElementById('marginAmount').value = Math.max(0,
requiredMarginNet).toFixed(2);

    updateCalculation();
}

function handleTurbineChange() {
    const turbineChecked = document.getElementById('turbine').checked;
    const turbineControls = document.getElementById('turbineControls');
    const grantCheckbox = document.getElementById('grant');
```

```javascript
        if (turbineChecked) {
            turbineControls.classList.remove('hidden');
            // Automatically enable grant when turbine is selected
            grantCheckbox.checked = true;
        } else {
            turbineControls.classList.add('hidden');
            // Don't automatically disable grant when turbine is unchecked
            // User might want to keep it for other reasons
        }

        updateCalculation();
    }

    function handleExcavationChange() {
        const excavationChecked = document.getElementById('excavation').checked;
        const excavationMeters = document.getElementById('excavationMeters');

        if (excavationChecked) {
            excavationMeters.classList.remove('hidden');
        } else {
            excavationMeters.classList.add('hidden');
        }

        updateCalculation();
    }

    function updateCalculation() {
        if (!selectedProduct) return;

        let totalNet = 0;
        let breakdown = [];
        const turbineChecked = document.getElementById('turbine').checked;
        const excavationChecked = document.getElementById('excavation').checked;
        const backupChecked = document.getElementById('backup').checked;


        if (selectedProduct === 'pv_me') {
            // PV + ME product
            if (!selectedPower || !installationType) return;

            const data = pricingData[selectedPower];
            if (!data) return;

            totalNet = data.basePrice;

            // Base installation (includes inverter)
            const installationDetails = installationType === 'roof' ?
```

```javascript
                `${selectedPower} kW (${selectedModules} modułów) - montaż na
dachu z falownikiem` :
                `${selectedPower} kW (${selectedModules} modułów) - montaż na
gruncie z falownikiem`;

            breakdown.push({
                service: 'Instalacja fotowoltaiczna',
                details: installationDetails,
                price: data.basePrice
            });

            // Ground work (only for ground installations)
            if (installationType === 'ground') {
                totalNet += data.groundWork;
                breakdown.push({
                    service: 'Prace ziemne',
                    details: 'Przygotowanie gruntu pod instalację',
                    price: data.groundWork
                });
            }

            // Energy storage (mandatory for PV+ME)
            const storagePrice =
parseFloat(document.getElementById('storageCapacity').value);
            totalNet += storagePrice;
            const storageName =
document.getElementById('storageCapacity').options[document.getElementById('stor
ageCapacity').selectedIndex].text;
            breakdown.push({
                service: 'Magazyn energii',
                details: storageName,
                price: storagePrice
            });

        } else if (selectedProduct === 'inverter_me') {
            // Inverter replacement + ME product

            // Inverter replacement
            const inverterPrice =
parseFloat(document.getElementById('inverterTypeGrid').value);
            totalNet += inverterPrice;
            const inverterName =
document.getElementById('inverterTypeGrid').options[document.getElementById('inv
erterTypeGrid').selectedIndex].text;
            breakdown.push({
                service: 'Wymiana falownika',
                details: inverterName,
                price: inverterPrice
```

```javascript
        });

            // Energy storage (mandatory for inverter+ME)
            const storagePrice =
parseFloat(document.getElementById('storageCapacity').value);
            totalNet += storagePrice;
            const storageName =
document.getElementById('storageCapacity').options[document.getElementById('stor
ageCapacity').selectedIndex].text;
            breakdown.push({
                service: 'Magazyn energii',
                details: storageName,
                price: storagePrice
            });
        }

        // Wind turbine (optional for both products)
        if (turbineChecked) {
            const turbinePrice = 30000;
            totalNet += turbinePrice;
            breakdown.push({
                service: 'Turbina wiatrowa',
                details: 'XALTUS 6kW',
                price: turbinePrice
            });
        }

        // Additional options
        if (excavationChecked) {
            const excavationLength =
parseFloat(document.getElementById('excavationLength').value) || 1;
            const excavationPrice = 500 + (excavationLength * 30);
            totalNet += excavationPrice;
            breakdown.push({
                service: 'Przekop',
                details: `Koparka: 500 zł + ${excavationLength} metrów × 30 zł/m`,
                price: excavationPrice
            });
        }

        if (backupChecked) {
            totalNet += 2500;
            breakdown.push({
                service: 'Backup (zasilanie awaryjne)',
                details: 'System zasilania awaryjnego',
                price: 2500
            });
        }
```

```javascript
            // Company margin (20,000 zł) - always added but hidden
            totalNet += 20000;

            // Calculate custom margin
            let marginValue = 0;
            const marginAmount =
parseFloat(document.getElementById('marginAmount').value) || 0;

            if (marginAmount > 0) {
                marginValue = marginAmount;
                totalNet += marginValue;
                breakdown.push({
                    service: 'Marża dodatkowa',
                    details: 'Indywidualna marża',
                    price: marginValue
                });
            }

            // Apply grant discount
            const grantChecked = document.getElementById('grant').checked;
            const grantAmount = grantChecked ? 47000 : 0;

            if (grantChecked) {
                breakdown.push({
                    service: 'Dotacja "Moja Elektrownia Wiatrowa"',
                    details: 'Dofinansowanie z programu rządowego',
                    price: -grantAmount
                });
                totalNet -= grantAmount;
            }

            updatePriceDisplay(breakdown, totalNet);
            updateEnergyProduction();
            updateFinancing();
        }

    function updateFinancing() {
            const netPriceText = document.getElementById('netPrice').textContent;
            const netPrice = parseFloat(netPriceText.replace(/[^\d,]/g, '').replace(',', '.')) ||
0;
            const vatRate = parseFloat(document.getElementById('vatRate').value) / 100;
            const totalGross = netPrice * (1 + vatRate);

            const ownContribution =
parseFloat(document.getElementById('ownContribution').value) || 0;
            const grantChecked = document.getElementById('grant').checked;
            const grantAmount = grantChecked ? 47000 : 0;
```

```javascript
        // Calculate price before grant (add back the grant if it was applied)
        let priceBeforeGrant = totalGross;
        if (grantChecked) {
            priceBeforeGrant = totalGross + (grantAmount * (1 + vatRate));
        }

        // Update grant details
        document.getElementById('priceBeforeGrant').textContent =
priceBeforeGrant.toLocaleString('pl-PL', {minimumFractionDigits: 2}) + ' zł';
        document.getElementById('grantAmountDisplay').textContent =
grantChecked ? '47 000 zł' : '0 zł';
        document.getElementById('priceAfterGrant').textContent =
totalGross.toLocaleString('pl-PL', {minimumFractionDigits: 2}) + ' zł';

        // RRSO 12.72% annual rate
        const annualRate = 0.1272;
        const monthlyRate = annualRate / 12;

        // Calculate for all loan terms
        const loanTerms = [12, 24, 36, 48, 60, 72, 84, 96, 108, 120];

        loanTerms.forEach(months => {
            // BEFORE grant (use price before grant)
            let loanAmountBefore = priceBeforeGrant - ownContribution;
            if (loanAmountBefore < 0) loanAmountBefore = 0;

            let monthlyPaymentBefore = 0;
            if (loanAmountBefore > 0) {
                monthlyPaymentBefore = loanAmountBefore * (monthlyRate *
Math.pow(1 + monthlyRate, months)) /
                            (Math.pow(1 + monthlyRate, months) - 1);
            }

            // AFTER grant (use current total gross)
            let loanAmountAfter = totalGross - ownContribution;
            if (loanAmountAfter < 0) loanAmountAfter = 0;

            let monthlyPaymentAfter = 0;
            if (loanAmountAfter > 0) {
                monthlyPaymentAfter = loanAmountAfter * (monthlyRate * Math.pow(1 +
monthlyRate, months)) /
                            (Math.pow(1 + monthlyRate, months) - 1);
            }

            // Update display
            document.getElementById(`rate${months}Before`).textContent =
monthlyPaymentBefore.toLocaleString('pl-PL', {minimumFractionDigits: 0}) + ' zł';
```

```javascript
        document.getElementById(`rate${months}After`).textContent =
monthlyPaymentAfter.toLocaleString('pl-PL', {minimumFractionDigits: 0}) + ' zł';
        });
    }

    function updatePriceDisplay(breakdown, totalNet) {
        const priceBreakdown = document.getElementById('priceBreakdown');
        const netPrice = document.getElementById('netPrice');
        const vatAmount = document.getElementById('vatAmount');
        const totalPrice = document.getElementById('totalPrice');

        priceBreakdown.innerHTML = breakdown.map(item => `
            <div class="border-b border-gray-200 pb-2 mb-2 last:border-b-0">
                <div class="font-semibold text-gray-800">${item.service}</div>
                <div class="text-sm text-gray-600">${item.details}</div>
            </div>
        `).join('');

        const vatRate = parseFloat(document.getElementById('vatRate').value) / 100;
        const vat = totalNet * vatRate;
        const totalGross = totalNet + vat;
        const grantChecked = document.getElementById('grant').checked;
        const grantAmount = grantChecked ? 47000 : 0;

        // Calculate price before grant
        let netPriceBeforeGrant = totalNet;
        if (grantChecked) {
            netPriceBeforeGrant = totalNet + grantAmount;
        }
        const vatBeforeGrant = netPriceBeforeGrant * vatRate;
        const totalGrossBeforeGrant = netPriceBeforeGrant + vatBeforeGrant;

        // Show/hide price before grant section
        const priceBeforeSection =
document.getElementById('priceBeforeGrantSection');
        const grantSavingsSection =
document.getElementById('grantSavingsSection');

        if (grantChecked) {
            priceBeforeSection.style.display = 'block';

            // Update before grant prices
            document.getElementById('netPriceBefore').textContent =
netPriceBeforeGrant.toLocaleString('pl-PL', {minimumFractionDigits: 2}) + ' zł';
            document.getElementById('vatAmountBefore').textContent =
vatBeforeGrant.toLocaleString('pl-PL', {minimumFractionDigits: 2}) + ' zł';
            document.getElementById('totalPriceBefore').textContent =
totalGrossBeforeGrant.toLocaleString('pl-PL', {minimumFractionDigits: 2}) + ' zł';
```

```javascript
        document.getElementById('vatLabelBefore').textContent = `VAT
(${document.getElementById('vatRate').value}%):`;
      } else {
        priceBeforeSection.style.display = 'none';
      }

      // Update VAT label
      document.getElementById('vatLabel').textContent = `VAT
(${document.getElementById('vatRate').value}%):`;

      netPrice.textContent = totalNet.toLocaleString('pl-PL',
{minimumFractionDigits: 2}) + ' zł';
      vatAmount.textContent = vat.toLocaleString('pl-PL', {minimumFractionDigits:
2}) + ' zł';
      totalPrice.textContent = totalGross.toLocaleString('pl-PL',
{minimumFractionDigits: 2}) + ' zł';

      // Update mobile summary
      updateMobileSummary(totalNet, totalGross, grantChecked,
totalGrossBeforeGrant);
    }

    function updateEnergyProduction() {
      const turbineChecked = document.getElementById('turbine').checked;

      if (selectedProduct === 'pv_me') {
        if (!selectedPower) return;

        const annualProduction = Math.round(selectedPower * 1000);
        const turbineProduction = turbineChecked ? Math.round(6000 * 0.633) : 0;
        const totalProduction = annualProduction + turbineProduction;

        document.getElementById('energyProduction').innerHTML = `
          <div>Panele PV: ~${annualProduction.toLocaleString('pl-PL')}
kWh/rok</div>
          ${turbineChecked ? `<div>Turbina:
~${turbineProduction.toLocaleString('pl-PL')} kWh/rok</div>` : ''}
          <div class="font-semibold">Łącznie:
~${totalProduction.toLocaleString('pl-PL')} kWh/rok</div>
          <div class="text-xs mt-1">Oszczędności: ~${Math.round(totalProduction
* 0.65).toLocaleString('pl-PL')} zł/rok</div>
        `;
      } else if (selectedProduct === 'inverter_me') {
        if (turbineChecked) {
          const turbineProduction = Math.round(6000 * 0.633);
          document.getElementById('energyProduction').innerHTML = `
            <div>Turbina: ~${turbineProduction.toLocaleString('pl-PL')}
kWh/rok</div>
```

```javascript
                <div class="font-semibold">Magazyn energii + falownik
hybrydowy</div>
                <div class="text-xs mt-1">Oszczędności:
~${Math.round(turbineProduction * 0.65).toLocaleString('pl-PL')} zł/rok</div>
            `;
        } else {
            document.getElementById('energyProduction').innerHTML = `
                <div class="font-semibold">Magazyn energii + falownik
hybrydowy</div>
                <div class="text-xs mt-1">Optymalizacja zużycia energii z istniejących
paneli</div>
            `;
        }
    } else {
        document.getElementById('energyProduction').innerHTML = `
            <div class="text-gray-600">Wybierz produkt</div>
        `;
    }
}

function resetSelections() {
    selectedPower = null;
    selectedModules = null;
    installationType = null;

    // Reset installation type buttons
    document.querySelectorAll('.installation-type-btn').forEach(btn => {
        btn.classList.remove('bg-green-500');
        btn.classList.add('bg-white/20');
    });

    document.getElementById('powerSelect').value = '';
    document.getElementById('selectedPowerInfo').classList.add('hidden');
}

function generateQuote() {
    if (selectedProduct === 'pv_me' && (!selectedPower || !installationType)) {
        alert('Wybierz typ instalacji i moc, aby wygenerować ofertę!');
        return;
    }

    if (!selectedProduct) {
        alert('Wybierz rodzaj produktu, aby wygenerować ofertę!');
        return;
    }

    const data = pricingData[selectedPower];
    const storageChecked = document.getElementById('storage').checked;
```

```javascript
        const turbineChecked = document.getElementById('turbine').checked;

        let totalNet = data.basePrice;
        let quoteContent = '<div class="space-y-4">';

        // Base installation
        const inverterPrice =
parseFloat(document.getElementById('inverterType').value);
        const installationTypeText = installationType === 'roof' ? 'na dachu' : 'na
gruncie';

        quoteContent += `
            <div class="border-b pb-3">
                <div class="font-semibold">☀️ Instalacja fotowoltaiczna
${selectedPower} kW</div>
                <div class="text-sm text-gray-600">${selectedModules} modułów -
montaż ${installationTypeText} + falownik</div>
                <div class="font-semibold text-right">${(data.basePrice +
inverterPrice).toLocaleString('pl-PL', {minimumFractionDigits: 2})} zł netto</div>
            </div>
        `;

        totalNet += inverterPrice;

        // Ground work (only for ground installations)
        if (installationType === 'ground') {
            totalNet += data.groundWork;
            quoteContent += `
                <div class="border-b pb-3">
                    <div class="font-semibold">🔨 Prace ziemne</div>
                    <div class="text-sm text-gray-600">Przygotowanie gruntu pod
instalację</div>
                    <div class="font-semibold
text-right">${data.groundWork.toLocaleString('pl-PL', {minimumFractionDigits: 2})} zł
netto</div>
                </div>
            `;
        }

        if (storageChecked) {
            const storagePrice =
parseFloat(document.getElementById('storageCapacity').value);
            totalNet += storagePrice;
            const storageName =
document.getElementById('storageCapacity').options[document.getElementById('storageCapacity').selectedIndex].text.split(' - ')[0];
            quoteContent += `
                <div class="border-b pb-3">
```

```
        <div class="font-semibold"> 🔋 Magazyn energii</div>
        <div class="text-sm text-gray-600">${storageName}</div>
        <div class="font-semibold text-right">${storagePrice.toLocaleString('pl-PL', {minimumFractionDigits: 2})} zł netto</div>
      </div>
    `;
  }

  if (turbineChecked) {
    totalNet += 30000;
    quoteContent += `
      <div class="border-b pb-3">
        <div class="font-semibold">🌀 Turbina wiatrowa</div>
        <div class="text-sm text-gray-600">XALTUS 6kW</div>
        <div class="font-semibold text-right">30 000,00 zł netto</div>
      </div>
    `;
  }

  const vat = totalNet * 0.23;
  const totalGross = totalNet + vat;

  quoteContent += `
    <div class="bg-gradient-to-r from-blue-50 to-green-50 p-4 rounded-xl">
      <div class="flex justify-between items-center mb-2">
        <span class="font-semibold">Cena netto:</span>
        <span class="font-bold">${totalNet.toLocaleString('pl-PL', {minimumFractionDigits: 2})} zł</span>
      </div>
      <div class="flex justify-between items-center mb-2">
        <span class="text-sm">VAT (23%):</span>
        <span class="text-sm">${vat.toLocaleString('pl-PL', {minimumFractionDigits: 2})} zł</span>
      </div>
      <div class="flex justify-between items-center border-t pt-2">
        <span class="text-lg font-bold">Cena brutto:</span>
        <span class="text-2xl font-bold text-blue-600">${totalGross.toLocaleString('pl-PL', {minimumFractionDigits: 2})} zł</span>
      </div>
    </div>
    <div class="bg-yellow-50 p-4 rounded-xl">
      <div class="font-semibold text-yellow-800 mb-2">📊 Szacunkowa produkcja energii:</div>
      <div class="text-sm text-yellow-700">
        <div>Roczna produkcja: ~${(Math.round(selectedPower * 1000) + (turbineChecked ? Math.round(6000 * 0.633) : 0)).toLocaleString('pl-PL')} kWh</div>
```

```javascript
            <div>Roczne oszczędności:
~${Math.round((Math.round(selectedPower * 1000) + (turbineChecked ?
Math.round(6000 * 0.633) : 0)) * 0.65).toLocaleString('pl-PL')} zł</div>
          </div>
        </div>
      </div>`;

    document.getElementById('quoteContent').innerHTML = quoteContent;
    document.getElementById('quoteModal').classList.remove('hidden');
    document.getElementById('quoteModal').classList.add('flex');
  }

  function closeQuote() {
    document.getElementById('quoteModal').classList.add('hidden');
    document.getElementById('quoteModal').classList.remove('flex');
  }

  function copyQuote() {
    const quoteText = document.getElementById('quoteContent').innerText;
    const fullQuote = `ATOMIC - Oferta Instalacji\n\n${quoteText}`;

    navigator.clipboard.writeText(fullQuote).then(() => {
      alert('Oferta została skopiowana do schowka!');
    }).catch(() => {
      alert('Nie udało się skopiować oferty.');
    });
  }

  function generatePDF() {
    if (selectedProduct === 'pv_me' && (!selectedPower || !installationType)) {
      alert('Wybierz typ instalacji i moc, aby wygenerować PDF!');
      return;
    }

    if (!selectedProduct) {
      alert('Wybierz rodzaj produktu, aby wygenerować PDF!');
      return;
    }

    const { jsPDF } = window.jspdf;
    const doc = new jsPDF();

    // Set font
    doc.setFont("helvetica");

    // Header
    doc.setFontSize(20);
    doc.setTextColor(30, 58, 138); // Blue color
```

```javascript
doc.text('ATOMIC', 20, 30);

doc.setFontSize(14);
doc.setTextColor(0, 0, 0);
doc.text('Oferta Instalacji Fotowoltaicznej', 20, 45);

// Date
doc.setFontSize(10);
doc.text(`Data: ${new Date().toLocaleDateString('pl-PL')}`, 150, 45);

let yPosition = 65;

// Product type
doc.setFontSize(12);
doc.setFont("helvetica", "bold");
const productName = selectedProduct === 'pv_me' ? 'PV + Magazyn Energii'
: 'Wymiana Falownika + Magazyn Energii';
doc.text(`Produkt: ${productName}`, 20, yPosition);
yPosition += 15;

// Calculate totals
let totalNet = 0;
let breakdown = [];
const turbineChecked = document.getElementById('turbine').checked;

if (selectedProduct === 'pv_me') {
    const data = pricingData[selectedPower];
    totalNet = data.basePrice;

    const installationDetails = installationType === 'roof' ?
        `${selectedPower} kW (${selectedModules} modułów) - montaż na
dachu z falownikiem` :
        `${selectedPower} kW (${selectedModules} modułów) - montaż na
gruncie z falownikiem`;

    breakdown.push({
        service: 'Instalacja fotowoltaiczna',
        details: installationDetails,
        price: data.basePrice
    });

    if (installationType === 'ground') {
        totalNet += data.groundWork;
        breakdown.push({
            service: 'Prace ziemne',
            details: 'Przygotowanie gruntu pod instalację',
            price: data.groundWork
        });
```

```javascript
        }

        const storagePrice =
parseFloat(document.getElementById('storageCapacity').value);
        totalNet += storagePrice;
        const storageName =
document.getElementById('storageCapacity').options[document.getElementById('stor
ageCapacity').selectedIndex].text.split(' - ')[0];
        breakdown.push({
            service: 'Magazyn energii',
            details: storageName,
            price: storagePrice
        });

    } else if (selectedProduct === 'inverter_me') {
        const inverterPrice =
parseFloat(document.getElementById('inverterTypeGrid').value);
        totalNet += inverterPrice;
        const inverterName =
document.getElementById('inverterTypeGrid').options[document.getElementById('inv
erterTypeGrid').selectedIndex].text.split(' - ')[0];
        breakdown.push({
            service: 'Wymiana falownika',
            details: inverterName,
            price: inverterPrice
        });

        const storagePrice =
parseFloat(document.getElementById('storageCapacity').value);
        totalNet += storagePrice;
        const storageName =
document.getElementById('storageCapacity').options[document.getElementById('stor
ageCapacity').selectedIndex].text.split(' - ')[0];
        breakdown.push({
            service: 'Magazyn energii',
            details: storageName,
            price: storagePrice
        });
    }

    if (turbineChecked) {
        const turbinePrice = 30000;
        totalNet += turbinePrice;
        breakdown.push({
            service: 'Turbina wiatrowa',
            details: 'XALTUS 6kW',
            price: turbinePrice
        });
```

```javascript
            }

            const marginAmount =
parseFloat(document.getElementById('marginAmount').value) || 0;
            if (marginAmount > 0) {
                breakdown.push({
                    service: 'Marża',
                    details: 'Kwota stała',
                    price: marginAmount
                });
                totalNet += marginAmount;
            }

            // Add breakdown to PDF
            doc.setFont("helvetica", "normal");
            doc.setFontSize(10);

            breakdown.forEach(item => {
                doc.setFont("helvetica", "bold");
                doc.text(item.service, 20, yPosition);
                doc.setFont("helvetica", "normal");
                doc.text(item.details, 20, yPosition + 8);
                doc.text(`${item.price.toLocaleString('pl-PL', {minimumFractionDigits: 2})}
zł`, 150, yPosition);
                yPosition += 20;
            });

            // Totals
            yPosition += 10;
            const vatRate = parseFloat(document.getElementById('vatRate').value) / 100;
            const vat = totalNet * vatRate;
            const totalGross = totalNet + vat;

            doc.setFont("helvetica", "bold");
            doc.text(`Cena netto: ${totalNet.toLocaleString('pl-PL',
{minimumFractionDigits: 2})} zł`, 20, yPosition);
            yPosition += 10;
            doc.text(`VAT (${document.getElementById('vatRate').value}%):
${vat.toLocaleString('pl-PL', {minimumFractionDigits: 2})} zł`, 20, yPosition);
            yPosition += 10;
            doc.setFontSize(14);
            doc.text(`Cena brutto: ${totalGross.toLocaleString('pl-PL',
{minimumFractionDigits: 2})} zł`, 20, yPosition);

            // Energy production info
            if (selectedPower) {
                yPosition += 20;
                doc.setFontSize(12);
```

```javascript
            doc.text('Szacunkowa produkcja energii:', 20, yPosition);
            yPosition += 10;
            doc.setFontSize(10);
            const annualProduction = Math.round(selectedPower * 1000);
            const turbineProduction = turbineChecked ? Math.round(6000 * 0.633) : 0;
            const totalProduction = annualProduction + turbineProduction;

            doc.text(`Panele PV: ~${annualProduction.toLocaleString('pl-PL')}
kWh/rok`, 20, yPosition);
            if (turbineChecked) {
                yPosition += 8;
                doc.text(`Turbina: ~${turbineProduction.toLocaleString('pl-PL')}
kWh/rok`, 20, yPosition);
            }
            yPosition += 8;
            doc.setFont("helvetica", "bold");
            doc.text(`Łącznie: ~${totalProduction.toLocaleString('pl-PL')} kWh/rok`, 20,
yPosition);
            yPosition += 8;
            doc.text(`Roczne oszczędności: ~${Math.round(totalProduction *
0.65).toLocaleString('pl-PL')} zł`, 20, yPosition);
        }

        // Save PDF
        const fileName = `ATOMIC_Oferta_${new
Date().toISOString().split('T')[0]}.pdf`;
        doc.save(fileName);
    }

    function toggleAdditionalOptions() {
        const content = document.getElementById('additionalOptionsContent');
        const toggle = document.getElementById('additionalOptionsToggle');

        if (content.style.display === 'none') {
            content.style.display = 'block';
            toggle.style.transform = 'rotate(0deg)';
            toggle.textContent = '▼';
        } else {
            content.style.display = 'none';
            toggle.style.transform = 'rotate(-90deg)';
            toggle.textContent = '▶';
        }
    }

    function updateMobileSummaryClient() {
        const clientName = document.getElementById('clientName').value.trim();
        const clientDate = document.getElementById('clientDate').value;
        const mobileClientInfo = document.getElementById('mobileClientInfo');
```

```javascript
    const mobileClientName = document.getElementById('mobileClientName');
    const mobileClientDate = document.getElementById('mobileClientDate');

    if (clientName || clientDate) {
        mobileClientInfo.style.display = 'block';
        mobileClientName.textContent = clientName || 'Brak imienia';

        if (clientDate) {
            const formattedDate = new Date(clientDate).toLocaleDateString('pl-PL');
            mobileClientDate.textContent = `Data: ${formattedDate}`;
        } else {
            mobileClientDate.textContent = '';
        }
    } else {
        mobileClientInfo.style.display = 'none';
    }
}

function resetCalculator() {
    selectedPower = null;
    selectedModules = null;
    installationType = null;
    selectedProduct = null;

    // Reset product buttons
    document.querySelectorAll('.product-btn').forEach(btn => {
        btn.classList.remove('bg-green-500');
        btn.classList.add('bg-white/20');
    });

    // Reset installation type buttons
    document.querySelectorAll('.installation-type-btn').forEach(btn => {
        btn.classList.remove('bg-green-500');
        btn.classList.add('bg-white/20');
    });

    // Hide all sections
    document.getElementById('installationTypeSection').style.display = 'none';
    document.getElementById('powerSection').style.display = 'none';
    document.getElementById('inverterSection').style.display = 'none';
    document.getElementById('inverterSectionGrid').style.display = 'none';
    document.getElementById('storageSection').style.display = 'none';
    document.getElementById('selectedPowerInfo').classList.add('hidden');
    document.getElementById('turbineControls').classList.add('hidden');
    document.getElementById('priceBeforeGrantSection').style.display = 'none';
    document.getElementById('excavationMeters').classList.add('hidden');

    // Reset form values
```

```javascript
        document.getElementById('powerSelect').value = '';
        document.getElementById('inverterType').selectedIndex = 0;
        document.getElementById('inverterTypeGrid').selectedIndex = 0;
        document.getElementById('storageCapacity').selectedIndex = 0;
        document.getElementById('vatRate').selectedIndex = 0;
        document.getElementById('turbine').checked = false;
        document.getElementById('excavation').checked = false;
        document.getElementById('excavationLength').value = 1;
        document.getElementById('backup').checked = false;

        document.getElementById('grant').checked = false;
        document.getElementById('marginAmount').value = 0;
        document.getElementById('contractPrice').value = 0;
        document.getElementById('ownContribution').value = 0;
        document.getElementById('clientName').value = '';
        document.getElementById('clientDate').value = '';

        // Reset price display
        document.getElementById('priceBreakdown').innerHTML = '<div
class="text-gray-600 text-center py--8">Wybierz rodzaj produktu, aby zobaczyć
wycenę</div>';
        document.getElementById('netPrice').textContent = '0 zł';
        document.getElementById('vatAmount').textContent = '0 zł';
        document.getElementById('totalPrice').textContent = '0 zł';
        document.getElementById('energyProduction').textContent = 'Wybierz rodzaj
produktu';

        // Reset financing table
        const loanTerms = [12, 24, 36, 48, 60, 72, 84, 96, 108, 120];
        loanTerms.forEach(months => {
           document.getElementById(`rate${months}Before`).textContent = '0 zł';
           document.getElementById(`rate${months}After`).textContent = '0 zł';
        });

        // Reset grant details
        document.getElementById('priceBeforeGrant').textContent = '0 zł';
        document.getElementById('grantAmountDisplay').textContent = '0 zł';
        document.getElementById('priceAfterGrant').textContent = '0 zł';

        // Reset mobile summary
        document.getElementById('mobileConfigDetails').textContent = 'Wybierz
produkt i konfigurację';
        document.getElementById('mobileNetPrice').textContent = '0 zł';
        document.getElementById('mobileGrossPrice').textContent = '0 zł';
        document.getElementById('mobileMargin').textContent = '0 zł';
        document.getElementById('mobileContractPrice').textContent = '0 zł';
        document.getElementById('mobileGrantInfo').style.display = 'none';
```

```javascript
        document.getElementById('mobileEnergyDetails').textContent = 'Wybierz moc
instalacji';
        document.getElementById('mobileClientInfo').style.display = 'none';

        // Reset all mobile financing rates
        loanTerms.forEach(months => {
            document.getElementById(`mobileRate${months}Before`).textContent = '0
zł';
            document.getElementById(`mobileRate${months}After`).textContent = '0
zł';
        });
    }

    function updateMobileSummary(totalNet, totalGross, grantChecked,
totalGrossBeforeGrant) {
        // Update mobile prices
        document.getElementById('mobileNetPrice').textContent =
totalNet.toLocaleString('pl-PL', {minimumFractionDigits: 0}) + ' zł';
        document.getElementById('mobileGrossPrice').textContent =
totalGross.toLocaleString('pl-PL', {minimumFractionDigits: 0}) + ' zł';

        // Update margin and contract price
        const marginAmount =
parseFloat(document.getElementById('marginAmount').value) || 0;
        const contractPrice =
parseFloat(document.getElementById('contractPrice').value) || 0;

        document.getElementById('mobileMargin').textContent =
marginAmount.toLocaleString('pl-PL', {minimumFractionDigits: 0}) + ' zł';
        document.getElementById('mobileContractPrice').textContent =
contractPrice.toLocaleString('pl-PL', {minimumFractionDigits: 0}) + ' zł';

        // Update configuration details
        let configText = '';
        let additionalOptions = [];

        if (selectedProduct === 'pv_me' && selectedPower && installationType) {
            const turbineChecked = document.getElementById('turbine').checked;
            const excavationChecked =
document.getElementById('excavation').checked;
            const backupChecked = document.getElementById('backup').checked;
            const storageCapacity =
document.getElementById('storageCapacity').options[document.getElementById('stor
ageCapacity').selectedIndex].text.split(' ')[0];

            configText = `PV ${selectedPower}kW (${installationType === 'roof' ? 'dach'
: 'grunt'}) + ${storageCapacity}`;
```

```javascript
            if (turbineChecked) additionalOptions.push('Turbina 6kW');
            if (excavationChecked) {
                const excavationLength =
parseFloat(document.getElementById('excavationLength').value) || 1;
                additionalOptions.push(`Koparka (500 zł) + ${excavationLength}m × 30
zł`);
            }
            if (backupChecked) additionalOptions.push('Backup');

        } else if (selectedProduct === 'inverter_me') {
            const inverterName =
document.getElementById('inverterTypeGrid').options[document.getElementById('inv
erterTypeGrid').selectedIndex].text.split(' ')[0];
            const storageCapacity =
document.getElementById('storageCapacity').options[document.getElementById('stor
ageCapacity').selectedIndex].text.split(' ')[0];
            const turbineChecked = document.getElementById('turbine').checked;
            const excavationChecked =
document.getElementById('excavation').checked;
            const backupChecked = document.getElementById('backup').checked;

            configText = `${inverterName} + ${storageCapacity}`;

            if (turbineChecked) additionalOptions.push('Turbina 6kW');
            if (excavationChecked) {
                const excavationLength =
parseFloat(document.getElementById('excavationLength').value) || 1;
                additionalOptions.push(`Koparka (500 zł) + ${excavationLength}m × 30
zł`);
            }
            if (backupChecked) additionalOptions.push('Backup');

        } else {
            configText = 'Wybierz produkt i konfigurację';
        }

        // Add additional options to config text
        if (additionalOptions.length > 0) {
            configText += '\nDodatkowo: ' + additionalOptions.join(', ');
        }

        document.getElementById('mobileConfigDetails').innerHTML =
configText.replace('\n', '<br>');

        // Update grant info
        if (grantChecked) {
            document.getElementById('mobileGrantInfo').style.display = 'block';
```

```javascript
        document.getElementById('mobilePriceBeforeGrant').textContent =
totalGrossBeforeGrant.toLocaleString('pl-PL', {minimumFractionDigits: 0}) + ' zł';
        document.getElementById('mobilePriceAfterGrant').textContent =
totalGross.toLocaleString('pl-PL', {minimumFractionDigits: 0}) + ' zł';
    } else {
        document.getElementById('mobileGrantInfo').style.display = 'none';
    }

    // Update energy production
    if (selectedPower) {
        const annualProduction = Math.round(selectedPower * 1000);
        const turbineChecked = document.getElementById('turbine').checked;
        const turbineProduction = turbineChecked ? Math.round(6000 * 0.633) : 0;
        const totalProduction = annualProduction + turbineProduction;

        let energyText = `${totalProduction.toLocaleString('pl-PL')} kWh/rok`;
        if (turbineChecked) {
            energyText += ` (PV: ${annualProduction.toLocaleString('pl-PL')} +
Turbina: ${turbineProduction.toLocaleString('pl-PL')})`;
        }
        energyText += ` • Oszczędności: ~${Math.round(totalProduction *
0.65).toLocaleString('pl-PL')} zł/rok`;

        document.getElementById('mobileEnergyDetails').textContent =
energyText;
    } else if (selectedProduct === 'inverter_me') {
        const turbineChecked = document.getElementById('turbine').checked;
        if (turbineChecked) {
            const turbineProduction = Math.round(6000 * 0.633);
            document.getElementById('mobileEnergyDetails').textContent =
`${turbineProduction.toLocaleString('pl-PL')} kWh/rok (turbina) • Magazyn + falownik •
Oszczędności: ~${Math.round(turbineProduction * 0.65).toLocaleString('pl-PL')}
zł/rok`;
        } else {
            document.getElementById('mobileEnergyDetails').textContent =
'Magazyn energii + falownik hybrydowy';
        }
    }

    // Update all financing rates for mobile
    const ownContribution =
parseFloat(document.getElementById('ownContribution').value) || 0;
    const annualRate = 0.1272;
    const monthlyRate = annualRate / 12;

    // Calculate price before grant (add back the grant if it was applied)
    let priceBeforeGrant = totalGross;
    if (grantChecked) {
```

```javascript
        const vatRate = parseFloat(document.getElementById('vatRate').value) /
100;
        const grantAmount = 47000;
        priceBeforeGrant = totalGross + (grantAmount * (1 + vatRate));
      }

      // Calculate for all loan terms
      const loanTerms = [12, 24, 36, 48, 60, 72, 84, 96, 108, 120];

      loanTerms.forEach(months => {
        // BEFORE grant
        let loanAmountBefore = priceBeforeGrant - ownContribution;
        if (loanAmountBefore < 0) loanAmountBefore = 0;

        let monthlyPaymentBefore = 0;
        if (loanAmountBefore > 0) {
          monthlyPaymentBefore = loanAmountBefore * (monthlyRate *
Math.pow(1 + monthlyRate, months)) /
                        (Math.pow(1 + monthlyRate, months) - 1);
        }

        // AFTER grant
        let loanAmountAfter = totalGross - ownContribution;
        if (loanAmountAfter < 0) loanAmountAfter = 0;

        let monthlyPaymentAfter = 0;
        if (loanAmountAfter > 0) {
          monthlyPaymentAfter = loanAmountAfter * (monthlyRate * Math.pow(1 +
monthlyRate, months)) /
                        (Math.pow(1 + monthlyRate, months) - 1);
        }

        // Update mobile display
        document.getElementById(`mobileRate${months}Before`).textContent =
monthlyPaymentBefore.toLocaleString('pl-PL', {minimumFractionDigits: 0}) + ' zł';
        document.getElementById(`mobileRate${months}After`).textContent =
monthlyPaymentAfter.toLocaleString('pl-PL', {minimumFractionDigits: 0}) + ' zł';
      });
    }
  </script>
<script>(function(){function c(){var
b=a.contentDocument||a.contentWindow.document;if(b){var
d=b.createElement('script');d.innerHTML="window.__CF$cv$params={r:'989fd6c563
3a265d',t:'MTc1OTY5NzkyNi4wMDAwMDA='};var
a=document.createElement('script');a.nonce='';a.src='/cdn-cgi/challenge-platform/scri
pts/jsd/main.js';document.getElementsByTagName('head')[0].appendChild(a);";b.getE
lementsByTagName('head')[0].appendChild(d)}if(document.body){var
a=document.createElement('iframe');a.height=1;a.width=1;a.style.position='absolute';
```

```
a.style.top=0;a.style.left=0;a.style.border='none';a.style.visibility='hidden';document.b
ody.appendChild(a);if('loading'!==document.readyState)c();else
if(window.addEventListener)document.addEventListener('DOMContentLoaded',c);els
e{var
e=document.onreadystatechange||function(){};document.onreadystatechange=functio
n(b){e(b);'loading'!==document.readyState&&(document.onreadystatechange=e,c())}}
}})();</script></body>
</html>
```