```php
<?PHP


$priceArea = array(
  'dk' => 'DK_NORDPOOL_SPOT_DK1',
  'fr' => 'FR_EPEX_SPOT_FR'
);


function getMethod($postData) {
  // Le token suivant n'est pas valide. Il faut le modifier avec le votre, obtenu dans l'application Barry Eenrgy
  $authToken = 'Bx6Da6v0h34MM7OhAjCaN9zak+IZLNe9tUlCebw7+LiP8+5SH6BcdNrOY85s9q7Sdfrmc/yyjWrJROlJ9vhlRCYY310TsHcGNodMzr3cGfZOwVYNPYWxGxcZHO94p6W98SJC/TdIYhsE+tRnvMMKHktTdkRjmMolHAtWpYyFzDw=';
  $url = "https://jsonrpc.barry.energy/json-rpc";

  echo "<pre>";
  echo '<p>La méthode appelée : </p>';
  print_r(json_encode($postData));
  echo "</pre></br>";


  // Create the context for the request
  $context = stream_context_create(array(
    'http' => array(
        'method' => 'POST',
        'header' => "Authorization: Bearer {$authToken}\r\n".
            "Content-Type: application/json\r\n",
        'content' => json_encode($postData)
    )
  ));

  // Send the request
  $response = file_get_contents($url, FALSE, $context);

  // Check for errors
  if($response === FALSE){
      die('Error');
  }
  return $response;
}


function translateDate($strDate) {
  $nomJourSemaineEN = array("Monday", "Tuesday", "Wednesday", "Thursday", "Friday", "Saturday", "Sunday");
  $nomJourSemaineFR = array("Lundi", "Mardi", "Mercredi", "Jeudi", "Vendredi", "Samedi", "Dimanche");
  $nomMoisEN = array("January","February", "March", "April", "May", "June",
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"July", "August", "September", "October", "November", "December");
  $nomMoisFR = array("Janvier","Février", "Mars", "Avril", "Mai", "Juin",
"Juillet", "Août", "Septembre", "Octobre", "Novembre", "Décembre");
  $strDate = str_ireplace($nomMoisEN, $nomMoisFR, $strDate);
  $strDate = str_ireplace($nomJourSemaineEN, $nomJourSemaineFR, $strDate);
  return $strDate;
}


setlocale(LC_ALL,'fr');

//$dateJour=date('d F Y', strtotime('31-12-2018'));
$dateJour=date('d F Y');
$dateJourDemain=date('d F Y', strtotime('+1 day', strtotime($dateJour)));

echo "<h1>Métriques de Barry Energy</h1>";
echo "<p>Rapport établi le ".translateDate(date('l d F Y'))." à
".date('H:i:s')."</p>";


echo "<h2>Etat de l'abonnement</h2>";

// The data to send to the API getMeteringPoints
$postData = array('method' =>
'co.getbarry.api.v1.OpenApiController.getMeteringPoints'
  , 'id' => 0
  , 'jsonrpc' => '2.0'
  , 'params' => array()
);

$response = getMethod($postData);
// Decode the response
$responseData = json_decode($response, TRUE);

echo "<pre>";
echo '<p>La réponse : </p>';
print_r($responseData);
echo "</pre>";


echo "<h2>Consommation du $dateJour </h2>";

// The data to send to the API getAggregatedConsumption
$postData = array('method' =>
'co.getbarry.api.v1.OpenApiController.getAggregatedConsumption'
  , 'id' => 0
  , 'jsonrpc' => '2.0'
  , 'params' => array(date(DATE_ATOM, strtotime($dateJour)), date(DATE_ATOM,
strtotime($dateJourDemain)))
```

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);

$response = getMethod($postData);
// Decode the response
$responseData = json_decode($response, TRUE);

echo "<pre>";
echo '<p>La réponse : </p>';
print_r($responseData);
echo "</pre>";



echo "<h2>Prix du $dateJour </h2>";

// The data to send to the API getPrice
$postData = array('method' =>
'co.getbarry.api.v1.OpenApiController.getPrice'
  , 'id' => 0
  , 'jsonrpc' => '2.0'
  , 'params' => array($priceArea['fr'], date(DATE_ATOM,
strtotime($dateJour)), date(DATE_ATOM, strtotime($dateJourDemain)) )

);

$response = getMethod($postData);
// Decode the response
$responseData = json_decode($response, TRUE);

echo "<pre>";
echo '<p>La réponse : </p>';
print_r($responseData);
echo "</pre>";
```

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Permanent link:
https://www.abonnel.fr/electronique/fournisseur-electricite-barry/barry-api.php

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