

```
<?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 Eenergy
    $authToken =
    'Bx6Da6v0h34MM70hAjCaN9zak+IZLNe9tUlCebw7+LiP8+5SH6BcdNr0Y85s9q7Sdfmc/yyjWr
    JR0lJ9vhlRCYY310TsHcGNodMzr3cGfZ0wVYNPYWxGxcZH094p6W98SJC/TdIYhsE+tRnvMMKHkt
    TdkRjmMolHAtWpYyFzDw=';
    $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",
```

```
"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)))
);
```

```
);

$response = getMethod($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>";
```

From:

<https://www.abonnel.fr/> - notes informatique & technologie

Permanent link:

<https://www.abonnel.fr/electronique/fournisseur-electricite-barry/barry-api.php>

Last update: 2021/03/03 21:26

